Shealy Environmental Services, Inc.

Contract Number: EPW05031
Date: 03/01/2007

SDG Narrative

Case 36127
SDG Y34W0
MA#1391.0

EPA Sample Numbers

EPA Sample Number	TVOA Fraction	Dilution/ Reanalysis	Aqueous VOA Sample pH Value
Y34W0	Yes	No	<2
Y34W1	Yes	No	<2
Y34W2	Yes	No	<2
Y34W3	Yes	No	<2
Y34W4	Yes	No	<2
Y34W5	Yes	No	<2
Y34W6	Yes	No	<2
Y34W7	Yes	No	<2
Y34W8	Yes	No	<2
Y34W9	Yes	No	<2
Y34W9MS	Yes	No	<2
Y34W9MSD	Yes	No	<2
Y34X0	Yes	No	<2
Y34X1	Yes	No	<2
Y34X2	Yes	No	<2
Y34X3	Yes	No	<2
Y34X4	Yes	No	<2
Y34X5	Yes	No	<2

Columns	VOC DB-624, 30m x 0.25mm x 1.4um
Trap	OI Trap #10

VOA Equation	Water sample concentration (ug/L) $= \frac{(A_x)(I_s)(DF)}{(A_{is})(\overline{RRF})(V_o)}$ Where A_x is the area of the characteristic ion (EICP) for the compound to be measured. A_{is} is the area of the characteristic ion (EICP) for the internal standard. I_s is the amount of internal standard added, in ng. $\overline{RRF}$ is the mean relative response factor from the initial calibration. DF is the dilution factor. V_o is total volume of water purged, in mL.

Sample Receiving

The cooler temperature associated with these samples was 1.8 and 3.5°C.

TVOA Fraction

The peak eluting at ~6.3min on MSD8 in all analyses is pentafluorobenzene. This is an internal standard compound that is not being used for quantitation. This compound is not being identified as a TIC.

Manual integration was performed on 1,4-dioxane-d8 for some samples and standards due to incorrect auto integration.

Manual integration was performed on TBA for most of the calibration standards due to incorrect auto integration.

The compound 1,1,2-trichloro-1,2,2-trifluoroethane was inadvertently not included in the initial calibration (ICAL) standards performed on 2/13/07 and all associated continuing calibration standards. The response factor associated with this compound is likely contributed from impurities contained in the one of the standard mixes. 1,1,2-trichloro-1,2,2-trifluoroethane met the initial calibration minimum response criteria with the quantitation, secondary and tertiary ions all present. Additionally, the %RSD criteria were met. This made catching this problem more difficult. This incident occurred due to changes in the standard ICAL made to accommodate modified analysis (MA). 1,1,2-trichloro-1,2,2-trifluoroethane is normally contained with the mega mix that contains all target compounds except the gases and the ketones. This mix was replaced by another mega mix that did not contain 1,1,2-trichloro-1,2,2-trifluoroethane. This is where the oversight occurred. The lab discovered this problem too late to reanalyze any samples. This compound was not detected in any of the field samples as evidenced by the library search.

I certify that this Sample Data Package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy Sample Data Package and in the electronic data deliverable has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

3/1/2007

Daniel J. Wright
Laboratory Director

Contract Laboratory Program

Sample Delivery Group (SDG)
Cover Sheet

SDG Number: Y34W0

Laboratory Name: Shealy Environmental

Laboratory Code: SHEALY

Contract No.: EPW05031

Case No.: 36127

Analysis Price: $440.00

SDG Turnaround: 21-DAY

Modified Analysis (if applicable): Y

Modification Reference No.: 1391.0

EPA Sample Numbers in SDG (Listed in Numerical Order)

1) Y34W0	7) Y34W6	13) Y34X2	~~19)~~
2) Y34W1	8) Y34W7	14) Y34X3	20)
3) Y34W2	9) Y34W8	15) Y34X4	21)
4) Y34W3	10) Y34W9	16) Y34X5	22)
5) Y34W4	11) Y34X0	17)	23)
6) Y34W5	12) Y34X1	18)	24)

Y34W0

First Sample in SDG

Y34X5

Last Sample in SDG

02/07/2007

First Sample Receipt Date

02/08/2007

Last Sample Receipt Date

Note: *There are a maximum of 20* ***field*** *samples [excluding Performance Evaluation (PE) samples] in an SDG. Attach the TR/COC Records to this form in alphanumeric order (the order listed above on this form).*

Signature: _____

Date: 2/14/07

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 36127 36127 Y34W0
DAS No:
SDG No: MA 1391.0 L

Date Shipped:	2/6/2007
Carrier Name:	FedEx
Airbill:	790174196766
Shipped to:	Shealy Environmental 106 Vantage Point Drive Cayce SC 29033 (803) 791-9700

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1	2/6/07 1430		
2			
3			
4		[signature]	2/7/07 0850

Sampler Signature:

For Lab Use Only

Lab Contract No:	EMW05031
Unit Price:	$ 440.00
Transfer To:	
Lab Contract No:	
Unit Price:	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
Y34W0	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	1	S: 2/6/2007	10:30		OK
Y34W1	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	2	S: 2/6/2007	11:05		
Y34W2	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	3	S: 2/6/2007	11:45		
Y34W3	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	4	S: 2/6/2007	12:15		
Y34W4	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	5	S: 2/6/2007	12:45		
Y34W5	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	6	S: 2/6/2007	13:16		
Y34W6	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	7	S: 2/6/2007	13:25		
Y34W7	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	8	S: 2/6/2007	13:45		
Y34W8	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	9	S: 2/6/2007	14:00		

hipment for Case omplete?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 1-8	Chain of Custody Seal Number: NA
nalysis Key: TVOA = TVOA	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? X Shipment Iced? X

R Number: 9-451597652-020607-0001

LABORATORY COPY

provides preliminary results. Requests for preliminary results will increase analytical costs.
nd Copy to: Sample Management Office, 2000 Edmund Halley Dr., Reston, VA. 20191-3400 Phone 703/264-9348 Fax 703/264-9222

EPA USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 36127
DAS No:
SDG No: Y34W0
L

Date Shipped:	2/7/2007
Carrier Name:	FedEx
Airbill:	791226752896
Shipped to:	Shealy Environmental 106 Vantage Point Drive Cayce SC 29033 (803) 791-9700

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 Daantje Meijer	02-07-07/1430		
2			
3			
4			2/8/07 1020

Sampler Signature: Daantje Meijer

For Lab Use Only

Lab Contract No: EP-W-05-031
Unit Price: 9440.00
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
Y34W9	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (6)	10	S: 2/7/2007	8:15		OK
Y34X0	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	11	S: 2/7/2007	12:10		
Y34X1	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	12	S: 2/7/2007	12:45		
Y34X2	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	13	S: 2/7/2007	13:20		
Y34X3	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	14	S: 2/7/2007	13:30		
Y34X4	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	15	S: 2/7/2007	13:50		
Y34X5	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	16	S: 2/7/2007	14:10		

SDG Y34W0 Final samples

Shipment for Case Complete?	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt	Chain of Custody Seal Number:
N	Y34W9		3.5	NA

Analysis Key: TVOA = TVOA

Concentration: L = Low, M = Low/Medium, H = High **Type/Designate:** Composite = C, Grab = G

Custody Seal Intact? X **Shipment Iced?** X

TR Number: 9-451597652-020707-0001

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 2000 Edmund Halley Dr., Reston, VA. 20191-3400 Phone 703/264-9348 Fax 703/264-9222

2A - FORM II VOA-1
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Level: (TRACE or LOW) TRACE

	EPA SAMPLE NO.	VDMC1 (VCL) #	VDMC2 (CLA) #	VDMC3 (DCE) #	VDMC4 (BUT) #	VDMC5 (CLF) #	VDMC6 (DCA) #	VDMC7 (BEN) #
01	VBLK14	92	95	84	116	103	110	104
02	Y34W0	96	97	85	85	105	104	108
03	Y34W1	92	91	84	166 *	106	123	108
04	Y34W2	132 *	114	97	92	109	117	114
05	Y34W3	128	115	95	103	109	118	113
06	Y34W4	131	115	96	114	110	114	116
07	Y34W5	134 *	117	96	100	109	115	110
08	VBLK15	118	106	79	132	91	102	96
09	Y34W6	141 *	125	92	114	106	111	109
10	Y34W7	133 *	118	87	154	103	115	107
11	Y34W8	145 *	128	95	90	108	113	113
12	VBLK2A	95	114	71	101	105	105	106
13	VHBLK96	91	115	69	100	109	108	108
14	Y34W9MS	92	91	112 *	97	103	107	105
15	Y34W9MSD	91	90	114 *	103	103	107	108
16	Y34W9	94	95	87	111	104	102	107
17	Y34X0	80	85	76	103	96	98	99
18	Y34X1	85	90	82	106	105	111	103
19	Y34X2	78	85	80	121	98	109	101
20	Y34X3	96	97	89	74	103	107	107
21	Y34X4	87	86	81	150	99	111	103
22	Y34X5	99	98	88	101	109	112	110
23								
24								
25								
26								
27								
28								
29								
30								

	QC LIMITS
VDMC1 (VCL) = Vinyl chloride-d_3	(65-131)
VDMC2 (CLA) = Chloroethane-d_5	(71-131)
VDMC3 (DCE) = 1,1-Dichloroethene-d_2	(55-104)
VDMC4 (BUT) = 2-Butanone-d_5	(49-155)
VCMD5 (CLF) = Chloroform-d	(78-121)
VDMC6 (DCA) = 1,2-Dichloroethane-d_4	(78-129)
VDMC7 (BEN) = Benzene-d_6	(77-124)

Column to be used to flag recovery values
* Values outside of contract required QC limits

SOM01.1 (5/2005)

2B - FORM II VOA-2
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Level: (TRACE or LOW) TRACE

	EPA SAMPLE NO.	VDMC8 (DPA) #	VDMC9 (TOL) #	VDMC10 (TDP) #	VDMC11 (HEX) #	VDMC12 (DXE) #	VDMC13 (TCA) #	VDMC14 (DCZ) #	TOT
01	VBLK14	103	108	96	106	100	103	105	0
02	Y34W0	106	105	81	91	76	89	99	0
03	Y34W1	109	105	79	122	144	102	106	1
04	Y34W2	108	113	77	98	82	96	104	1
05	Y34W3	112	109	80	102	90	97	103	0
06	Y34W4	113	112	87	105	91	98	105	0
07	Y34W5	113	110	85	100	87	97	103	1
08	VBLK15	96	91	75	103	67	91	89	0
09	Y34W6	110	105	84	101	84	98	100	1
10	Y34W7	107	103	87	113	102	102	101	1
11	Y34W8	113	109	88	98	78	96	104	1
12	VBLK2A	104	103	109	104	75	103	102	0
13	VHBLK96	106	106	102	103	79	103	107	0
14	Y34W9MS	105	106	94	99	90	95	101	1
15	Y34W9MSD	105	106	99	101	88	97	102	1
16	Y34W9	109	110	98	100	90	95	100	0
17	Y34X0	98	99	82	97	99	91	93	0
18	Y34X1	105	103	85	100	95	95	99	0
19	Y34X2	104	98	82	105	86	96	96	0
20	Y34X3	106	105	88	91	79	91	99	0
21	Y34X4	103	99	85	114	152 *	100	100	1
22	Y34X5	110	110	92	101	91	94	105	0
23									
24									
25									
26									
27									
28									
29									
30									

	QC LIMITS
VDMC8 (DPA) = 1,2-Dichloropropane-d_6	(79-124)
VMDC9 (TOL) = Toluene-d_8	(77-121)
VDMC10 (TDP) = trans-1,3-Dichloropropene-d_4	(73-121)
VDMC11 (HEX) = 2-Hexanone-d_5	(28-135)
VDMC12 (DXE) = 1,4-Dioxane-d_8	(50-150)
VDMC13 (TCA) = 1,1,2,2-Tetrachloroethane-d_2	(73-125)
VDMC14 (DCZ) = 1,2-Dichlorobenzene-d_4	(80-131)

Column to be used to flag recovery values
* Values outside of contract required QC limits

3A - FORM III VOA-1
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix Spike - EPA Sample No.: Y34W9 Level: (TRACE or LOW) Trace

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS %REC #	QC LIMITS REC.
1,1-Dichloroethene	5.0		5.1	102	61-145
Trichloroethene	5.0		4.9	99	71-120
Benzene	5.0		4.9	98	76-127
Toluene	5.0	0.064	4.8	97	76-125
Chlorobenzene	5.0		4.8	96	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD %REC #	%RPD #	QC LIMITS	
					RPD	REC.
1,1-Dichloroethene	5.0	5.5	111	8	0-14	61-145
Trichloroethene	5.0	5.3	106	7	0-14	71-120
Benzene	5.0	5.4	108	10	0-11	76-127
Toluene	5.0	5.5	109	12	0-13	76-125
Chlorobenzene	5.0	5.2	105	9	0-13	75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC Limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS:

EPA SAMPLE NO.

VBLK14

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Lab File ID: BLK02142 Lab Sample ID: IQ52698-001

Instrument ID: MSD8

Matrix: (SOIL/SED/WATER) Water Date Analyzed: 02/14/2007

Level: (TRACE or LOW/MED) TRACE Time Analyzed: 0814

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	Y34W9	IB09025-001	B0902501	1319
02	Y34W9MS	IB09025-001MS	B0902501MS	1341
03	Y34W9MSD	IB09025-001MD	B0902501MD	1403
04	Y34X0	IB09025-002	B0902502	1426
05	Y34X1	IB09025-003	B0902503	1448
06	Y34X2	IB09025-004	B0902504	1511
07	Y34X3	IB09025-005	B0902505	1533
08	Y34X4	IB09025-006	B0902506	1556
09	Y34X5	IB09025-007	B0902507	1618
10	Y34W0	IB07030-001	B0703001	1640
11	Y34W1	IB07030-002	B0703002	1703
12	Y34W2	IB07030-003	B0703003	1725
13	Y34W3	IB07030-004	B0703004	1748
14	Y34W4	IB07030-005	B0703005	1810
15	Y34W5	IB07030-006	B0703006	1833
16				
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COMMENTS:

EPA SAMPLE NO.

VBLK15

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Lab File ID: BLK02151 Lab Sample ID: IQ52737-001

Instrument ID: MSD8

Matrix: (SOIL/SED/WATER) Water Date Analyzed: 02/15/2007

Level: (TRACE or LOW/MED) TRACE Time Analyzed: 0835

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	Y34W6	IB07030-007	B0703007	0930
02	Y34W7	IB07030-008	B0703008	0952
03	Y34W8	IB07030-009	B0703009	1014
04				
05				
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COMMENTS:

EPA SAMPLE NO.

VBLK2A

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Lab File ID: BLK0226 Lab Sample ID: IQ53316-001

Instrument ID: MSD8

Matrix: (SOIL/SED/WATER) Water Date Analyzed: 02/26/2007

Level: (TRACE or LOW/MED) TRACE Time Analyzed: 0658

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VHBLK96	IB07030-010	B0703010	0757
02				
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09				
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COMMENTS:

5A - FORM V VOA
VOLATILE ORGANIC INSTRUMENT
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

EPA SAMPLE NO.
BFB13

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Lab File ID: BFB02132 BFB Injection Date: 02/13/2007

Instrument ID: MSD8 BFB Injection Time: 1052

GC Column: DB-624 ID: 0.25 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.5
75	30.0 - 80.0% of mass 95	45.1
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 120% of mass 95	82.8
175	5.0 - 9.0% of mass 174	6.0 (7.2) 1
176	95.0 - 101% of mass 174	81.0 (97.8) 1
177	5.0 - 9.0% of mass 176	5.4 (6.6) 2

1-Value is %mass 174 2-Value is %mass 176

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD02013	VSTD02013	ICL02135	02/13/2007	1105
02	VSTD01013	VSTD01013	ICL02134	02/13/2007	1129
03	VSTD00513	VSTD00513	ICL02133	02/13/2007	1151
04	VSTD00113	VSTD00113	ICL02132	02/13/2007	1214
05	VSTD0.513	VSTD0.513	ICL02131	02/13/2007	1236
06					
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5A - FORM V VOA
VOLATILE ORGANIC INSTRUMENT
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

EPA SAMPLE NO.
BFB14

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Lab File ID: BFB02142 BFB Injection Date: 02/14/2007

Instrument ID: MSD8 BFB Injection Time: 0742

GC Column: DB-624 ID: 0.25 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0% of mass 95	20.2	
75	30.0 - 80.0% of mass 95	46.1	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50.0 - 120% of mass 95	79.9	
175	5.0 - 9.0% of mass 174	5.5	(6.9) 1
176	95.0 - 101% of mass 174	77.4	(96.9) 1
177	5.0 - 9.0% of mass 176	5.0	(6.5) 2

1-Value is %mass 174 2-Value is %mass 176

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD00514	VSTD00514	CCV02142	02/14/2007	0752
02	VBLK14	IQ52698-001	BLK02142	02/14/2007	0814
03	Y34W9	IB09025-001	B0902501	02/14/2007	1319
04	Y34W9MS	IB09025-001MS	B0902501MS	02/14/2007	1341
05	Y34W9MSD	IB09025-001MD	B0902501MD	02/14/2007	1403
06	Y34X0	IB09025-002	B0902502	02/14/2007	1426
07	Y34X1	IB09025-003	B0902503	02/14/2007	1448
08	Y34X2	IB09025-004	B0902504	02/14/2007	1511
09	Y34X3	IB09025-005	B0902505	02/14/2007	1533
10	Y34X4	IB09025-006	B0902506	02/14/2007	1556
11	Y34X5	IB09025-007	B0902507	02/14/2007	1618
12	Y34W0	IB07030-001	B0703001	02/14/2007	1640
13	Y34W1	IB07030-002	B0703002	02/14/2007	1703
14	Y34W2	IB07030-003	B0703003	02/14/2007	1725
15	Y34W3	IB07030-004	B0703004	02/14/2007	1748
16	Y34W4	IB07030-005	B0703005	02/14/2007	1810
17	Y34W5	IB07030-006	B0703006	02/14/2007	1833
18	VSTD0054E	VSTD0054E	ECCV14	02/14/2007	1855
19					
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5A - FORM V VOA
VOLATILE ORGANIC INSTRUMENT
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

EPA SAMPLE NO.
BFB15

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Lab File ID: BFB02151 BFB Injection Date: 02/15/2007

Instrument ID: MSD8 BFB Injection Time: 0703

GC Column: DB-624 ID: 0.25 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.8
75	30.0 - 80.0% of mass 95	48.3
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.2 (0.2) 1
174	50.0 - 120% of mass 95	76.2
175	5.0 - 9.0% of mass 174	5.5 (7.2) 1
176	95.0 - 101% of mass 174	73.5 (96.5) 1
177	5.0 - 9.0% of mass 176	5.1 (6.9) 2

1-Value is %mass 174 2-Value is %mass 176

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD00515	VSTD00515	CCV0215	02/15/2007	0715
02	VBLK15	IQ52737-001	BLK02151	02/15/2007	0835
03	Y34W6	IB07030-007	B0703007	02/15/2007	0930
04	Y34W7	IB07030-008	B0703008	02/15/2007	0952
05	Y34W8	IB07030-009	B0703009	02/15/2007	1014
06	VSTD0055E	VSTD0055E	ENDC15	02/15/2007	1827
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5A - FORM V VOA
VOLATILE ORGANIC INSTRUMENT
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

EPA SAMPLE NO.
BFB21

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Lab File ID: BFB0221B BFB Injection Date: 02/21/2007

Instrument ID: MSD8 BFB Injection Time: 1518

GC Column: DB-624 ID: 0.25 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0% of mass 95	20.2	
75	30.0 - 80.0% of mass 95	45.0	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.2	(0.2) 1
174	50.0 - 120% of mass 95	76.4	
175	5.0 - 9.0% of mass 174	5.4	(7.1) 1
176	95.0 - 101% of mass 174	73.9	(96.7) 1
177	5.0 - 9.0% of mass 176	5.2	(7.0) 2

1-Value is %mass 174 2-Value is %mass 176

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD02021	VSTD02021	ICL02215A	02/21/2007	1528
02	VSTD01021	VSTD01021	ICL02214A	02/21/2007	1550
03	VSTD00521	VSTD00521	ICL02213A	02/21/2007	1612
04	VSTD00121	VSTD00121	ICL02212A	02/21/2007	1635
05	VSTD0.521	VSTD0.521	ICL02211A	02/21/2007	1657
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SOM01.1 (5/2005)

5A - FORM V VOA
VOLATILE ORGANIC INSTRUMENT
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

EPA SAMPLE NO.
BFB2A

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Lab File ID: BFB0226 BFB Injection Date: 02/26/2007

Instrument ID: MSD8 BFB Injection Time: 0607

GC Column: DB-624 ID: 0.25 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.0
75	30.0 - 80.0% of mass 95	46.6
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 120% of mass 95	77.1
175	5.0 - 9.0% of mass 174	5.3 (6.9) 1
176	95.0 - 101% of mass 174	73.6 (95.5) 1
177	5.0 - 9.0% of mass 176	4.8 (6.6) 2

1-Value is %mass 174 2-Value is %mass 176

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD0052A	VSTD0052A	CCV0226	02/26/2007	0620
02	VBLK2A	IQ53316-001	BLK0226	02/26/2007	0658
03	VHBLK96	IB07030-010	B0703010	02/26/2007	0757
04	VSTD005A2	VSTD005A2	ENDA	02/26/2007	1254
05					
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8A - FORM VIII VOA
VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

GC Column: DB-624 ID: 0.25 (mm) Init. Calib. Date(s): 02/13/2007 02/13/2007

EPA Sample No. (VSTD#####): VSTD00514 Date Analyzed: 02/14/2007

Lab File ID (Standard): CCV02142 Time Analyzed: 0752

Instrument ID: MSD8 Heated Purge: (Y/N) Y

		IS1 (CBZ) AREA	#	RT	#	IS2 (DFB) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD	546630		10.731		594898		7.146		275320		12.716	
	UPPER LIMIT	765282		11.061		832857		7.476		385448		13.046	
	LOWER LIMIT	327978		10.401		356939		6.816		165192		12.386	
	EPA SAMPLE NO.												
01	VBLK14	604843		10.731		646410		7.146		302360		12.71	
02	Y34W0	494724		10.731		561270		7.146		229222		12.71	
03	Y34W1	535732		10.731		587624		7.146		272518		12.71	
04	Y34W2	501605		10.731		552304		7.146		234021		12.71	
05	Y34W3	514137		10.731		565192		7.146		244214		12.71	
06	Y34W4	500034		10.731		557728		7.146		235585		12.71	
07	Y34W5	488503		10.731		531272		7.146		229527		12.71	
08	Y34W9MS	539872		10.731		589347		7.146		260985		12.71	
09	Y34W9MSD	551390		10.731		609327		7.146		266276		12.71	
10	Y34W9	539238		10.731		597164		7.146		256031		12.71	
11	Y34X0	529790		10.731		580772		7.146		251230		12.71	
12	Y34X1	524339		10.731		565211		7.147		246968		12.71	
13	Y34X2	526798		10.731		583725		7.146		248931		12.71	
14	Y34X3	515591		10.731		568979		7.146		243165		12.71	
15	Y34X4	558282		10.731		609443		7.147		286468		12.71	
16	Y34X5	516750		10.731		566062		7.146		238140		12.71	
17													
18													
19													
20													
21													
22													

IS1 (CBZ) = Chlorobenzene-d_5
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (DCB) = 1,4-Dichlorobenzene-d_4

AREA UPPER LIMIT = 200% (Low-Medium Volatiles) and 140% (Trace Volatiles) of internal standard area
AREA LOWER LIMIT = 50% (Low-Medium Volatiles) and 60% (Trace Volatiles) of internal standard area
RT UPPER LIMIT = + 0.50 (Low-Medium Volatiles) and + 0.33 (Trace Volatiles) minutes of internal standard RT
RT LOWER LIMIT = - 0.50 (Low-Medium Volatiles) and - 0.33 (Trace Volatiles) minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

8A - FORM VIII VOA
VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

GC Column: DB-624 ID: 0.25 (mm) Init. Calib. Date(s): 02/13/2007 02/13/2007

EPA Sample No. (VSTD#####): VSTD0054E Date Analyzed: 02/14/2007

Lab File ID (Standard): ECCV14 Time Analyzed: 1855

Instrument ID: MSD8 Heated Purge: (Y/N) Y

		IS1 (CBZ) AREA	#	RT	#	IS2 (DFB) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD	498250		10.731		537642		7.146		251079		12.716	
	UPPER LIMIT	697550		11.061		752699		7.476		351511		13.046	
	LOWER LIMIT	298950		10.401		322585		6.816		150647		12.386	
	EPA SAMPLE NO.												
01	VBLK14	604843		10.731		646410		7.146		302360		12.71	
02	Y34W0	494724		10.731		561270		7.146		229222		12.71	
03	Y34W1	535732		10.731		587624		7.146		272518		12.71	
04	Y34W2	501605		10.731		552304		7.146		234021		12.71	
05	Y34W3	514137		10.731		565192		7.146		244214		12.71	
06	Y34W4	500034		10.731		557728		7.146		235585		12.71	
07	Y34W5	488503		10.731		531272		7.146		229527		12.71	
08	Y34W9MS	539872		10.731		589347		7.146		260985		12.71	
09	Y34W9MSD	551390		10.731		609327		7.146		266276		12.71	
10	Y34W9	539238		10.731		597164		7.146		256031		12.71	
11	Y34X0	529790		10.731		580772		7.146		251230		12.71	
12	Y34X1	524339		10.731		565211		7.147		246968		12.71	
13	Y34X2	526798		10.731		583725		7.146		248931		12.71	
14	Y34X3	515591		10.731		568979		7.146		243165		12.71	
15	Y34X4	558282		10.731		609443		7.147		286468		12.71	
16	Y34X5	516750		10.731		566062		7.146		238140		12.71	
17													
18													
19													
20													
21													
22													

IS1 (CBZ) = Chlorobenzene-d_5
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (DCB) = 1,4-Dichlorobenzene-d_4

AREA UPPER LIMIT = 200% (Low-Medium Volatiles) and 140% (Trace Volatiles) of internal standard area
AREA LOWER LIMIT = 50% (Low-Medium Volatiles) and 60% (Trace Volatiles) of internal standard area
RT UPPER LIMIT = + 0.50 (Low-Medium Volatiles) and + 0.33 (Trace Volatiles) minutes of internal standard RT
RT LOWER LIMIT = - 0.50 (Low-Medium Volatiles) and - 0.33 (Trace Volatiles) minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

8A - FORM VIII VOA
VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

GC Column: DB-624 ID: 0.25 (mm) Init. Calib. Date(s): 02/13/2007 02/13/2007

EPA Sample No.(VSTD#####): VSTD00515 Date Analyzed: 02/15/2007

Lab File ID (Standard): CCV0215 Time Analyzed: 0715

Instrument ID: MSD8 Heated Purge: (Y/N) Y

		IS1 (CBZ) AREA	#	RT	#	IS2 (DFB) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD	488169		10.731		526688		7.146		250979		12.716	
	UPPER LIMIT	683437		11.061		737363		7.476		351371		13.046	
	LOWER LIMIT	292901		10.401		316013		6.816		150587		12.386	
	EPA SAMPLE NO.												
01	VBLK15	520377		10.731		582417		7.146		261329		12.71	
02	Y34W6	499842		10.731		555042		7.146		240839		12.71	
03	Y34W7	537964		10.731		587022		7.147		268225		12.71	
04	Y34W8	492960		10.731		544233		7.146		233368		12.71	
05													
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22													

IS1 (CBZ) = Chlorobenzene-d_5
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (DCB) = 1,4-Dichlorobenzene-d_4

AREA UPPER LIMIT = 200% (Low-Medium Volatiles) and 140% (Trace Volatiles) of internal standard area
AREA LOWER LIMIT = 50% (Low-Medium Volatiles) and 60% (Trace Volatiles) of internal standard area
RT UPPER LIMIT = + 0.50 (Low-Medium Volatiles) and + 0.33 (Trace Volatiles) minutes of internal standard RT
RT LOWER LIMIT = - 0.50 (Low-Medium Volatiles) and - 0.33 (Trace Volatiles) minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

8A - FORM VIII VOA
VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

GC Column: DB-624 ID: 0.25 (mm) Init. Calib. Date(s): 02/13/2007 02/13/2007

EPA Sample No. (VSTD#####): VSTD0055E Date Analyzed: 02/15/2007

Lab File ID (Standard): ENDC15 Time Analyzed: 1827

Instrument ID: MSD8 Heated Purge: (Y/N) Y

		IS1 (CBZ) AREA	#	RT	#	IS2 (DFB) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD	489927		10.731		537703		7.146		230510		12.716	
	UPPER LIMIT	685898		11.061		752784		7.476		322714		13.046	
	LOWER LIMIT	293956		10.401		322622		6.816		138306		12.386	
	EPA SAMPLE NO.												
01	VBLK15	520377		10.731		582417		7.146		261329		12.71	
02	Y34W6	499842		10.731		555042		7.146		240839		12.71	
03	Y34W7	537964		10.731		587022		7.147		268225		12.71	
04	Y34W8	492960		10.731		544233		7.146		233368		12.71	
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22													

IS1 (CBZ) = Chlorobenzene-d_5
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (DCB) = 1,4-Dichlorobenzene-d_4

AREA UPPER LIMIT = 200% (Low-Medium Volatiles) and 140% (Trace Volatiles) of internal standard area
AREA LOWER LIMIT = 50% (Low-Medium Volatiles) and 60% (Trace Volatiles) of internal standard area
RT UPPER LIMIT = + 0.50 (Low-Medium Volatiles) and + 0.33 (Trace Volatiles) minutes of internal standard RT
RT LOWER LIMIT = - 0.50 (Low-Medium Volatiles) and - 0.33 (Trace Volatiles) minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

8A - FORM VIII VOA
VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

GC Column: DB-624 ID: 0.25 (mm) Init. Calib. Date(s): 02/21/2007 02/21/2007

EPA Sample No.(VSTD#####): VSTD0052A Date Analyzed: 02/26/2007

Lab File ID (Standard): CCV0226 Time Analyzed: 0620

Instrument ID: MSD8 Heated Purge: (Y/N) Y

		IS1 (CBZ) AREA	#	RT	#	IS2 (DFB) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD	429191		10.731		461268		7.146		222249		12.716	
	UPPER LIMIT	600867		11.061		645775		7.476		311149		13.046	
	LOWER LIMIT	257515		10.401		276761		6.816		133349		12.386	
	EPA SAMPLE NO.												
01	VBLK2A	411250		10.731		444690		7.146		197836		12.71	
02	VHBLK96	377540		10.731		406333		7.146		176582		12.71	
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IS1 (CBZ) = Chlorobenzene-d_5
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (DCB) = 1,4-Dichlorobenzene-d_4

AREA UPPER LIMIT = 200% (Low-Medium Volatiles) and 140% (Trace Volatiles) of internal standard area
AREA LOWER LIMIT = 50% (Low-Medium Volatiles) and 60% (Trace Volatiles) of internal standard area
RT UPPER LIMIT = + 0.50 (Low-Medium Volatiles) and + 0.33 (Trace Volatiles) minutes of internal standard RT
RT LOWER LIMIT = - 0.50 (Low-Medium Volatiles) and - 0.33 (Trace Volatiles) minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

8A - FORM VIII VOA
VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

GC Column: DB-624 ID: 0.25 (mm) Init. Calib. Date(s): 02/21/2007 02/21/2007

EPA Sample No.(VSTD#####): VSTD005A2 Date Analyzed: 02/26/2007

Lab File ID (Standard): ENDA Time Analyzed: 1254

Instrument ID: MSD8 Heated Purge: (Y/N) Y

		IS1 (CBZ) AREA	#	RT	#	IS2 (DFB) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD	667297		10.731		728552		7.146		324346		12.716	
	UPPER LIMIT	934216		11.061		1019973		7.476		454084		13.046	
	LOWER LIMIT	400378		10.401		437131		6.816		194608		12.386	
	EPA SAMPLE NO.												
01	VBLK2A	411250		10.731		444690		7.146		197836		12.71	
02	VHBLK96	377540		10.731		406333		7.146		176582		12.71	
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21													
22													

IS1 (CBZ) = Chlorobenzene-d_5
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (DCB) = 1,4-Dichlorobenzene-d_4

AREA UPPER LIMIT = 200% (Low-Medium Volatiles) and 140% (Trace Volatiles) of internal standard area
AREA LOWER LIMIT = 50% (Low-Medium Volatiles) and 60% (Trace Volatiles) of internal standard area
RT UPPER LIMIT = + 0.50 (Low-Medium Volatiles) and + 0.33 (Trace Volatiles) minutes of internal standard RT
RT LOWER LIMIT = - 0.50 (Low-Medium Volatiles) and - 0.33 (Trace Volatiles) minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W0

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703001

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.17	J
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	0.82	JB
75-15-0	Carbon disulfide	0.20	J
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W0

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703001

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	2.9	J
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W0

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703001

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
Y34W0

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703001

Level: (TRACE or LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	9.517	54	J
02		Unknown-02	10.863	370	J
03	41051-88-1	Benzene-1,2,4,5-d4-, 3,6-di(	11.238	18	NJ
04		Unknown-03	11.542	2.7	J
05		Unknown-04	12.240	1.0	JB
06		Unknown-05	12.443	6.5	J
07		Unknown-06	12.808	8.3	J
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0703001.D
Lab Smp Id: IB07030-001 Client Smp ID: Y34W0
Inj Date : 14-FEB-2007 16:40
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB07030-001
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 59
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1396.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
1	Dichlorodifluoromethane	85	Compound Not Detected.					
2	Chloromethane	50	1.810	1.810	(0.253)	7871	0.17122	0.1712(a)
$ 3	Vinyl Chloride-d3	65	1.911	1.921	(0.267)	118922	4.78243	4.7824
4	Vinyl Chloride	62	Compound Not Detected.					
5	Bromomethane	94	Compound Not Detected.					
$ 6	Chloroethane-d5	69	2.337	2.336	(0.327)	109481	4.83731	4.8373
7	Chloroethane	64	Compound Not Detected.					
8	Trichlorofluoromethane	101	Compound Not Detected.					
$ 9	1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	272548	4.25728	4.2572
10	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
11	1,1-Dichloroethene	96	Compound Not Detected.					
12	Acetone	43	3.288	3.288	(0.460)	2931	0.81925	0.8192(a)
13	Carbon Disulfide	76	3.410	3.420	(0.477)	20929	0.20216	0.2021(a)
14	Methyl Acetate	43	Compound Not Detected.					
15	Methylene Chloride	84	Compound Not Detected.					
72	tert-butyl alcohol	59	Compound Not Detected.					
16	Methyl tert-Butyl Ether	73	Compound Not Detected.					
17	trans-1,2-Dichloroethene	96	Compound Not Detected.					
18	1,1-Dichloroethane	63	Compound Not Detected.					
74	Ethyl tert-butyl ether	59	Compound Not Detected.					
$ 19	2-Butanone-d5	46	5.466	5.466	(0.765)	406939	42.4209	42.4209(Q)
20	cis-1,2-Dichloroethene	96	Compound Not Detected.					
21	2-Butanone	43	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	22 Bromochloromethane	128	Compound Not Detected.					
$	23 Chloroform-d	84	5.881	5.881	(0.823)	316952	5.23187	5.2318 (Q)
	24 Chloroform	83	Compound Not Detected.					
	25 1,1,1-Trichloroethane	97	Compound Not Detected.					
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon Tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	160166	5.17653	5.1765 (Q)
$	29 Benzene-d6	84	6.529	6.529	(0.608)	677221	5.41221	5.4122
	30 Benzene	78	Compound Not Detected.					
	31 1,2-Dichloroethane	62	Compound Not Detected.					
	73 tert-amyl methyl ether	73	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	7.146	7.146	(1.000)	561270	5.00000	
	33 Trichloroethene	95	Compound Not Detected.					
$	34 1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	215684	5.30266	5.3026
	35 Methylcyclohexane	83	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
$	39 1,4-Dioxane-d8	96	7.926	7.916	(1.109)	22433	189.188	189.1883 (Q)
	38 1,4-Dioxane	88	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
$	40 trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	94658	4.07072	4.0707
	41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	43 Toluene-d8	98	9.081	9.081	(0.846)	597423	5.25724	5.2572
	44 Toluene	91	Compound Not Detected.					
	45 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	46 1,1,2-Trichloroethane	97	Compound Not Detected.					
	47 Tetrachloroethene	164	Compound Not Detected.					
$	48 2-Hexanone-d5	63	9.962	9.962	(0.928)	497571	45.4579	45.4578
	49 2-Hexanone	43	9.962	10.012	(0.928)	61578	2.90189	2.9018 (aQ)
	50 Dibromochloromethane	129	Compound Not Detected.					
	51 1,2-Dibromoethane	107	Compound Not Detected.					
*	52 Chlorobenzene-d5	117	10.731	10.731	(1.000)	494724	5.00000	
	53 Chlorobenzene	112	Compound Not Detected.					
	54 Ethylbenzene	91	Compound Not Detected.					
	55 m+p-Xylenes	106	Compound Not Detected.					
	56 o-Xylene	106	Compound Not Detected.					
	57 Styrene	104	Compound Not Detected.					
	58 Bromoform	173	Compound Not Detected.					
	59 Isopropylbenzene	105	Compound Not Detected.					
$	60 1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	137470	4.45458	4.4545
	61 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	70 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	71 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	62 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	63 1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	229222	5.00000	
	64 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	65 1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	195388	4.94504	4.9450
	66 1,2-Dichlorobenzene	146	Compound Not Detected.					
	67 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
	68 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	69 1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0703001.D
Lab Smp Id: IB07030-001 Client Smp ID: Y34W0
Inj Date : 14-FEB-2007 16:40
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB07030-001
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 59
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1396.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

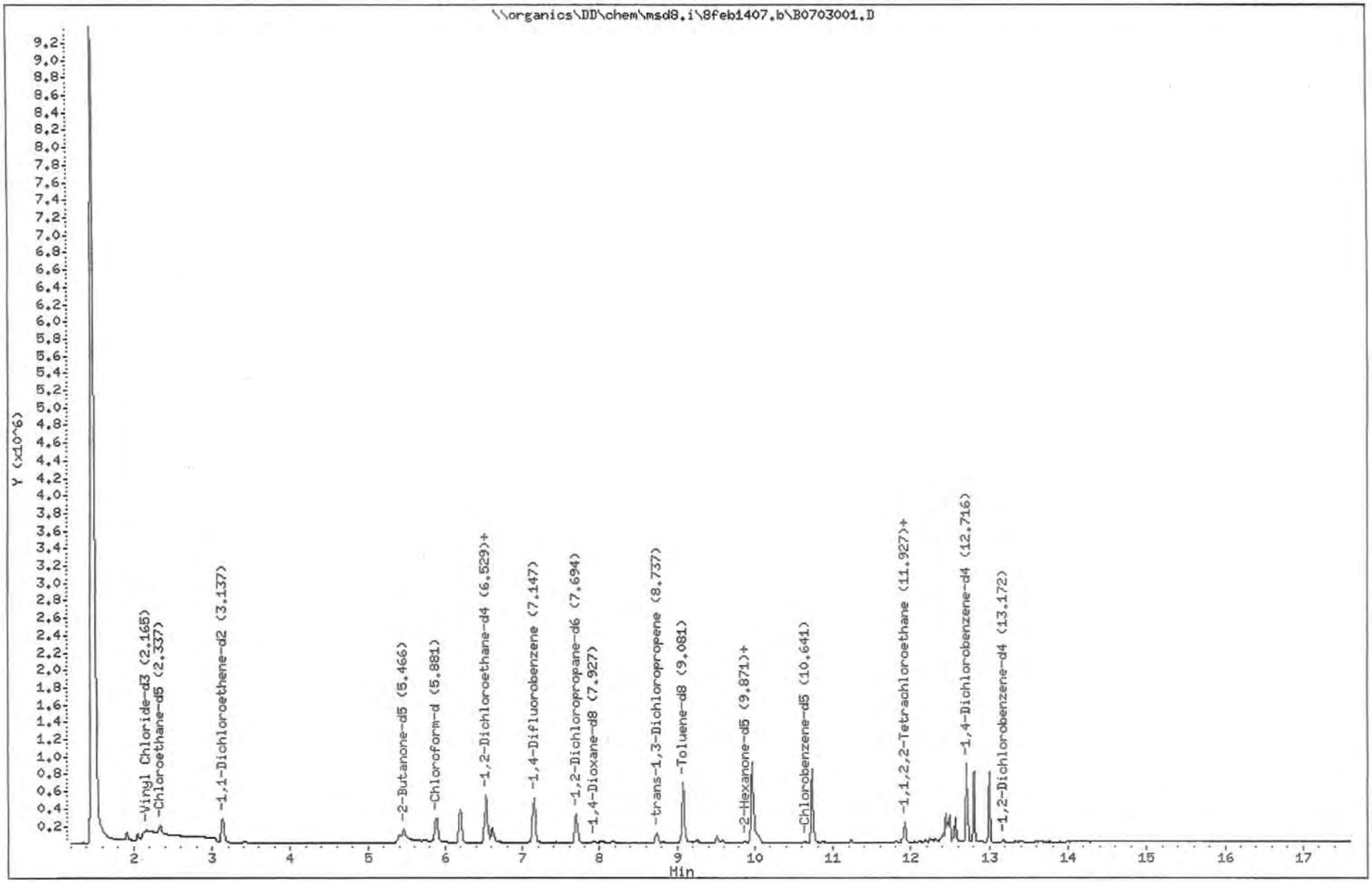
ISTD	RT	AREA	AMOUNT
* 52 Chlorobenzene-d5	10.732	21580	5.000
* 63 1,4-Dichlorobenzene-d4	12.716	1504661	5.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
9.517	231062	53.5341054	53.5341	0		0	52
Unknown				CAS #:			
10.863	1598163	370.274323	370.2743	0		0	52
Benzene-1,2,4,5-d4-, 3,6-di(methyl-d3)-				CAS #: 41051-88-1			
11.238	75615	17.5190646	17.5190	87	NIST02.L	8165	52
Unknown				CAS #:			
11.542	11852	2.74594613	2.7459	0		0	52
Unknown				CAS #:			
12.240	305932	1.01661245	1.0166	0		0	63

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
12.443	1969884	6.54593664	6.5459	0		0	63
Unknown				CAS #:			
12.808	2492892	8.28389394	8.2838	0		0	63

Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703001.D
Date : 14-FEB-2007 16:40
Client ID: Y34W0
Sample Info: 8feb1407.b, IB07030-001
Purge Volume: 25.0
Column phase: DB-624

Instrument: msd8.i
Operator: DLB
Column diameter: 0.25



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Date : 14-FEB-2007 16:40

Client ID: Y34W0

Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-001

Purge Volume: 25.0

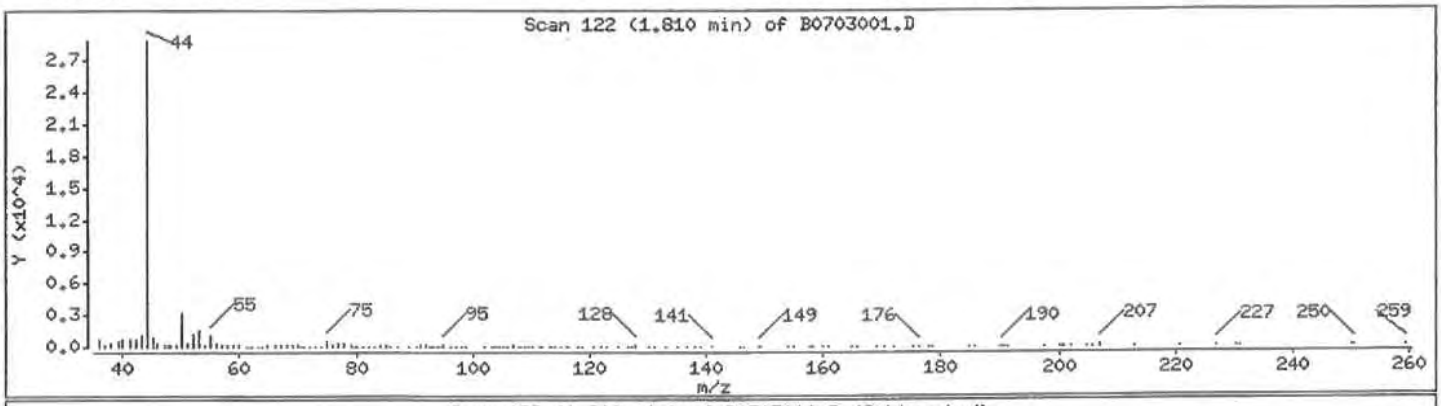
Operator: DLB

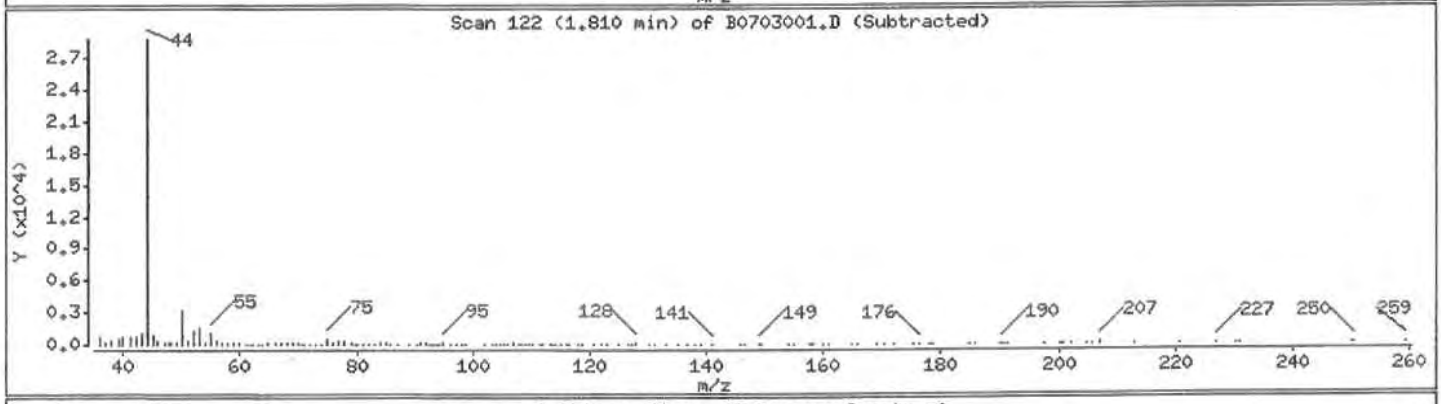
Column phase: DB-624

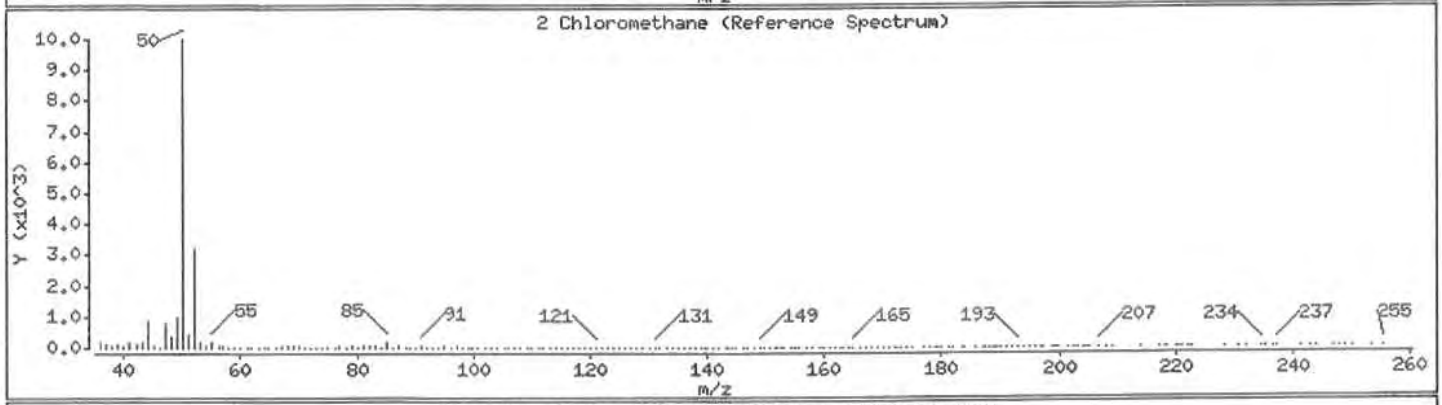
Column diameter: 0.25

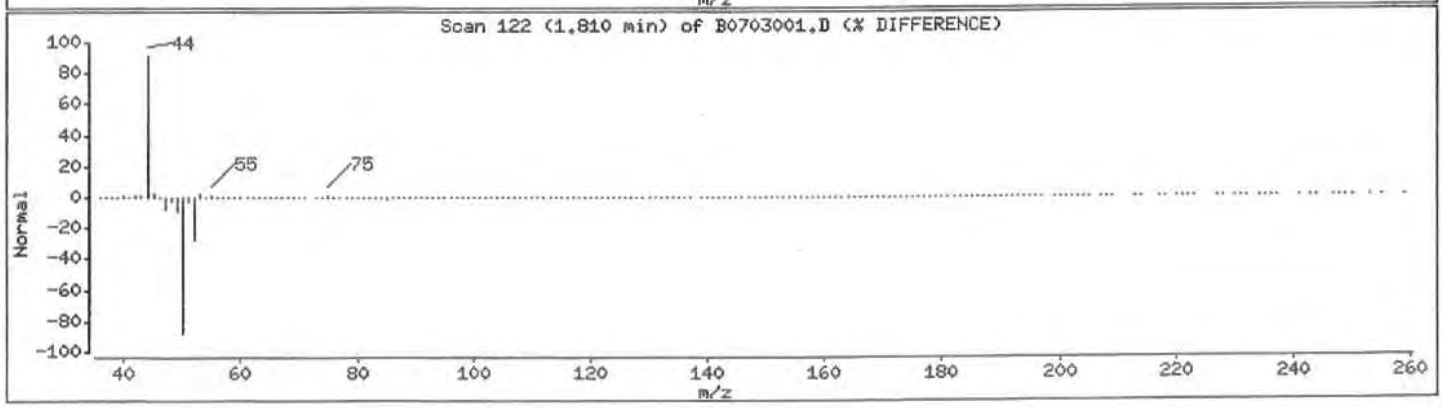
2 Chloromethane

Concentration: 0.1712 ug/L









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Date : 14-FEB-2007 16:40

Client ID: Y34W0

Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-001

Purge Volume: 25.0

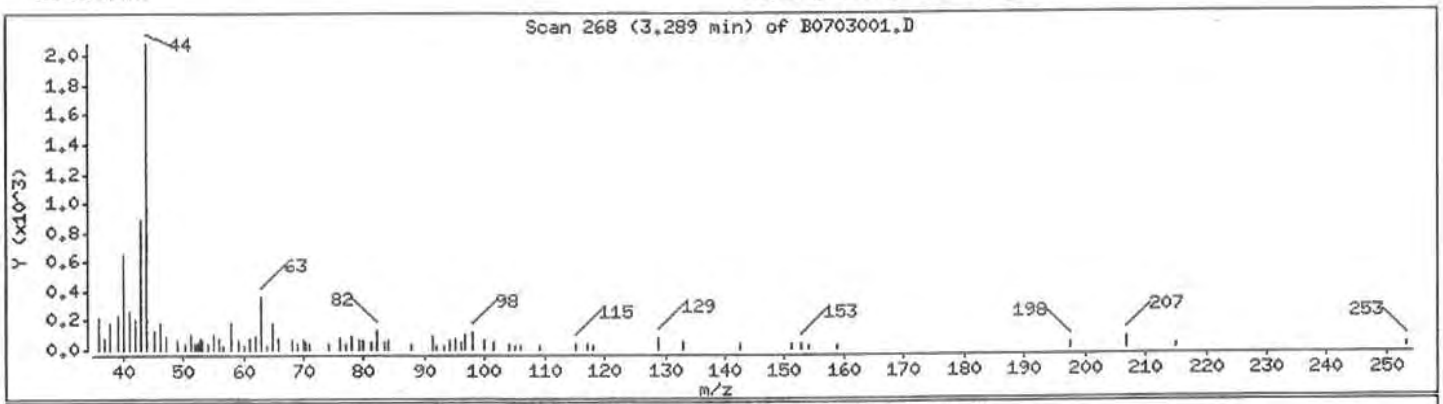
Operator: DLB

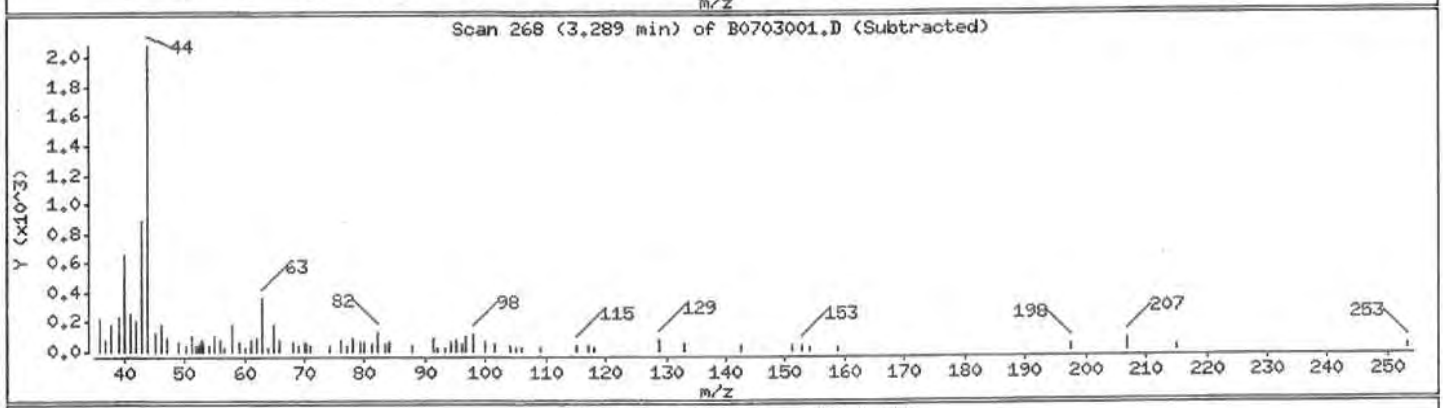
Column phase: DB-624

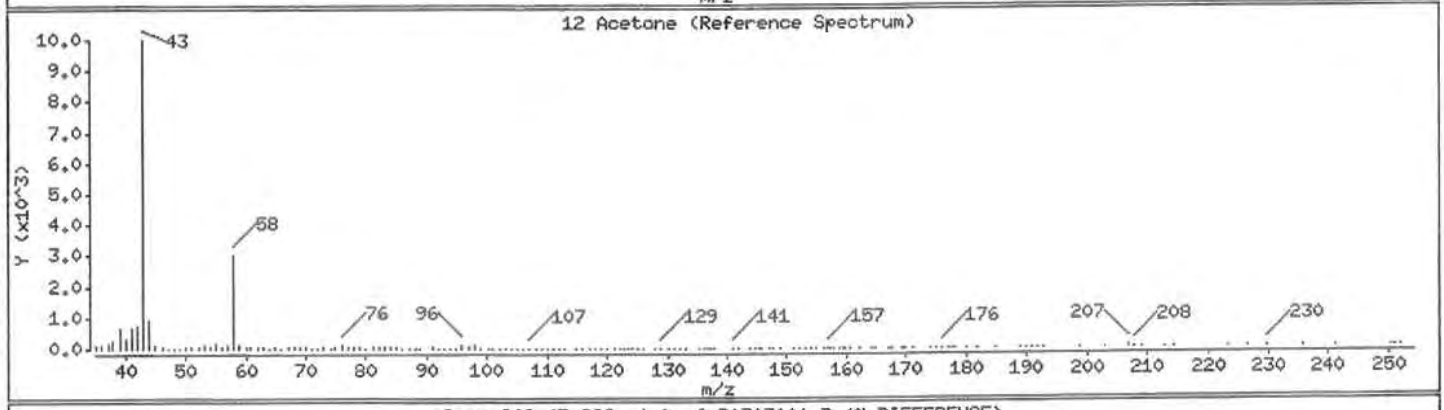
Column diameter: 0.25

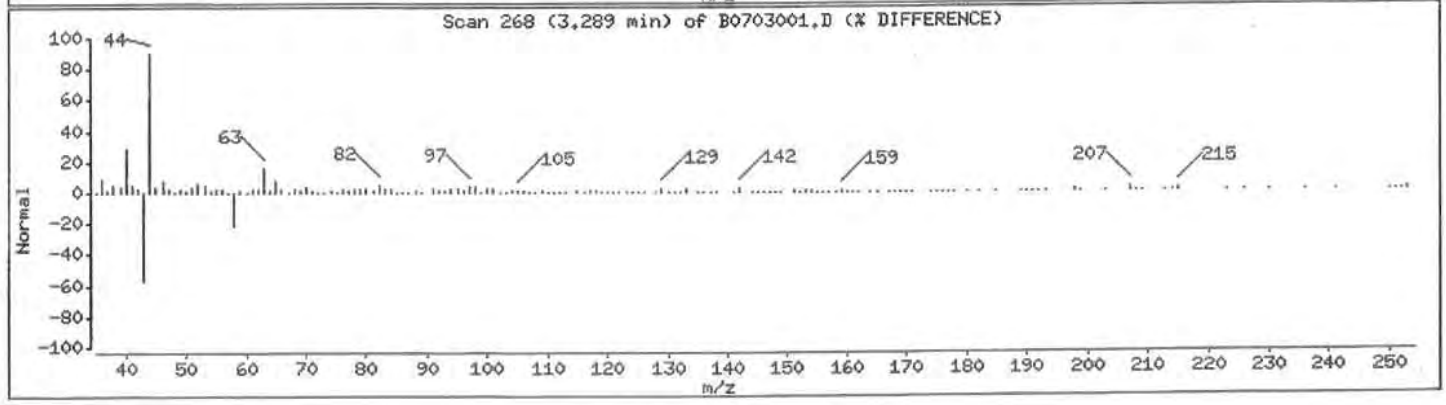
12 Acetone

Concentration: 0.8192 ug/L









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Date : 14-FEB-2007 16:40

Client ID: Y34W0

Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-001

Purge Volume: 25.0

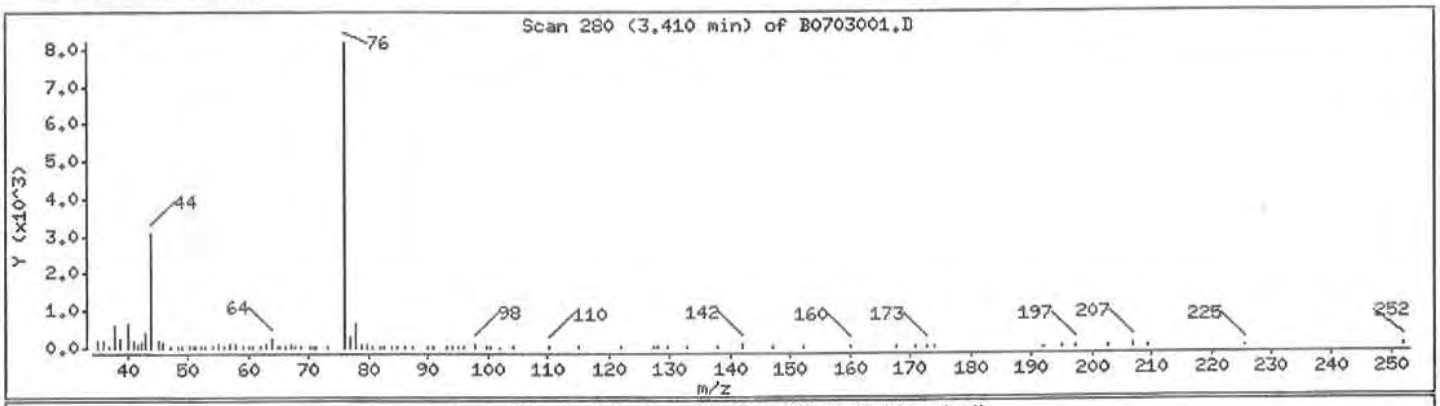
Operator: DLB

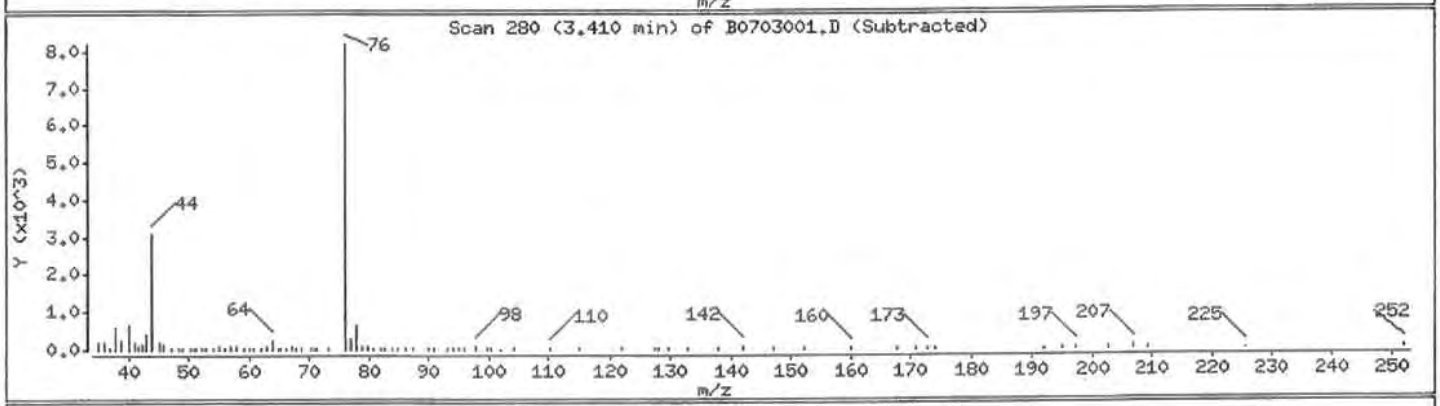
Column phase: DB-624

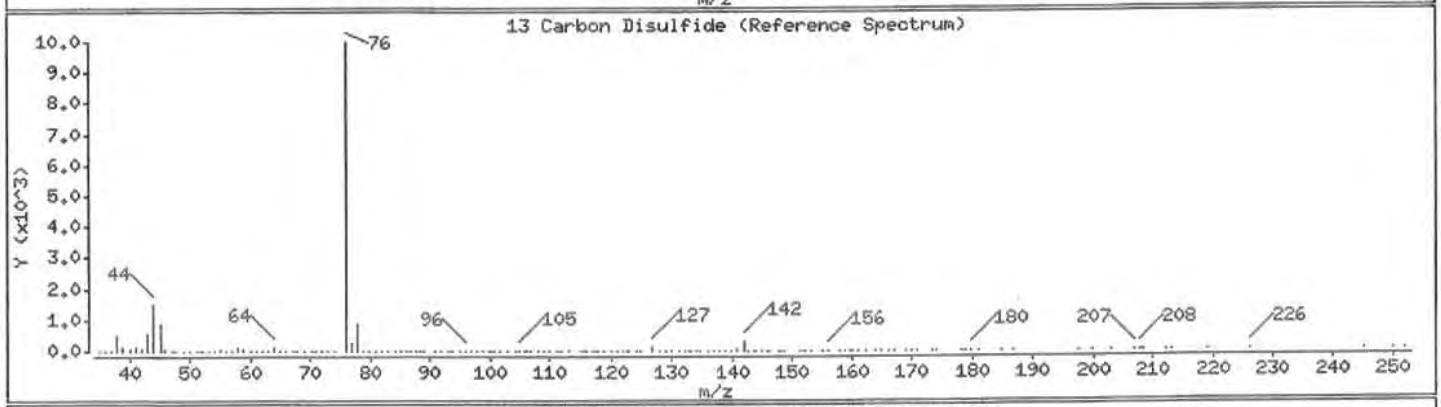
Column diameter: 0.25

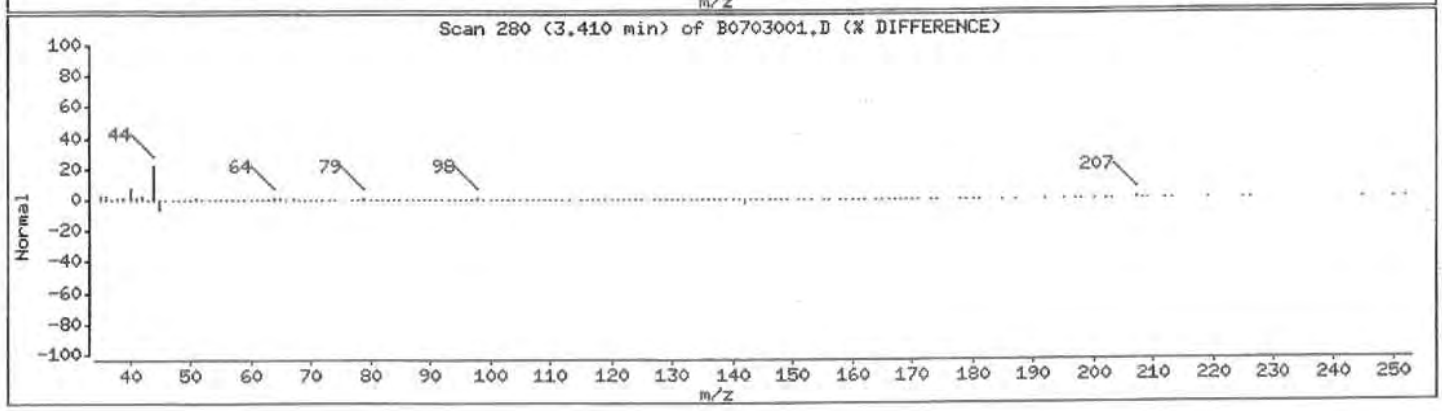
13 Carbon Disulfide

Concentration: 0.2021 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703001.D

Date : 14-FEB-2007 16:40

Client ID: Y34W0

Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-001

Purge Volume: 25.0

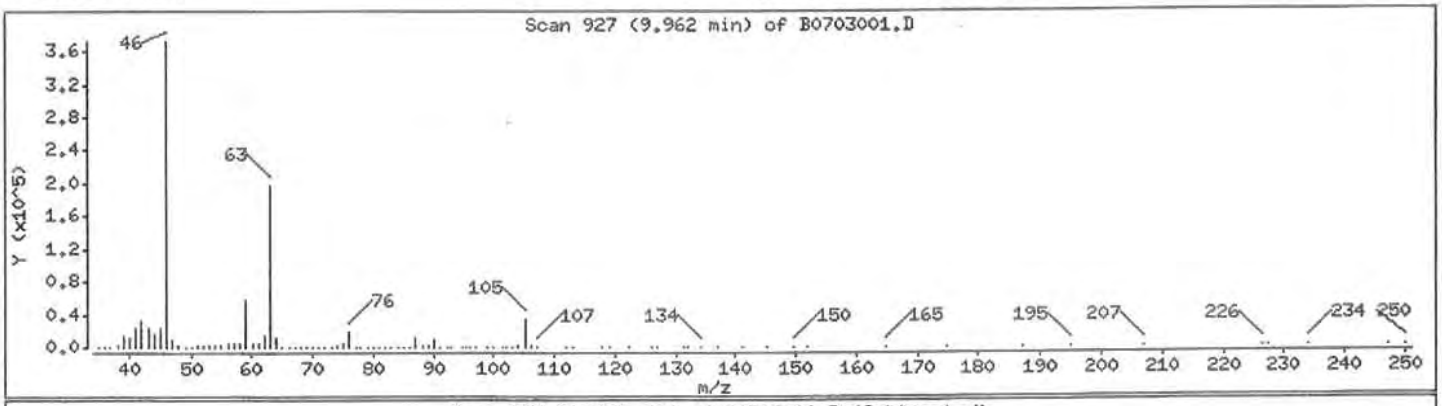
Operator: DLB

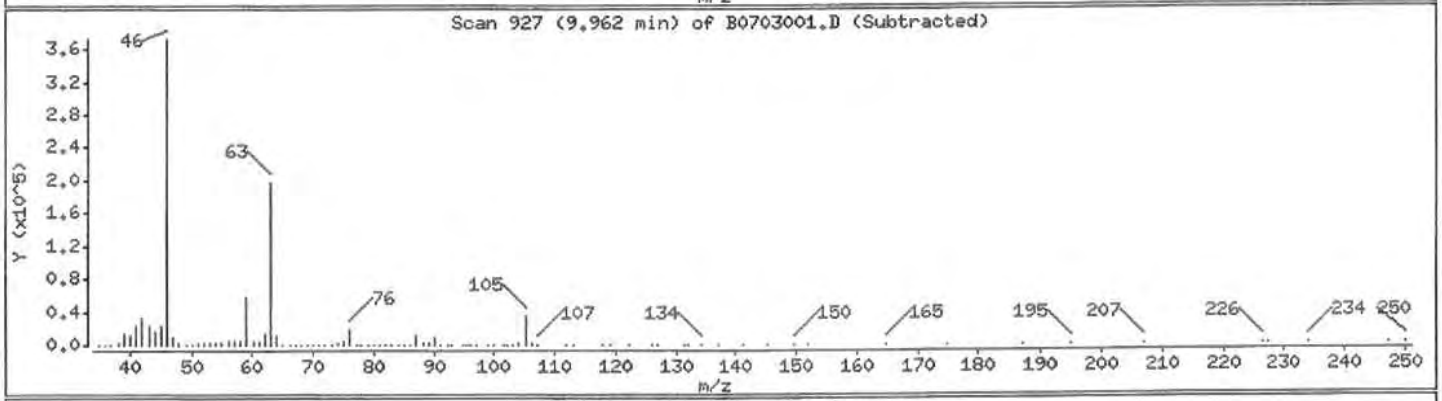
Column phase: DB-624

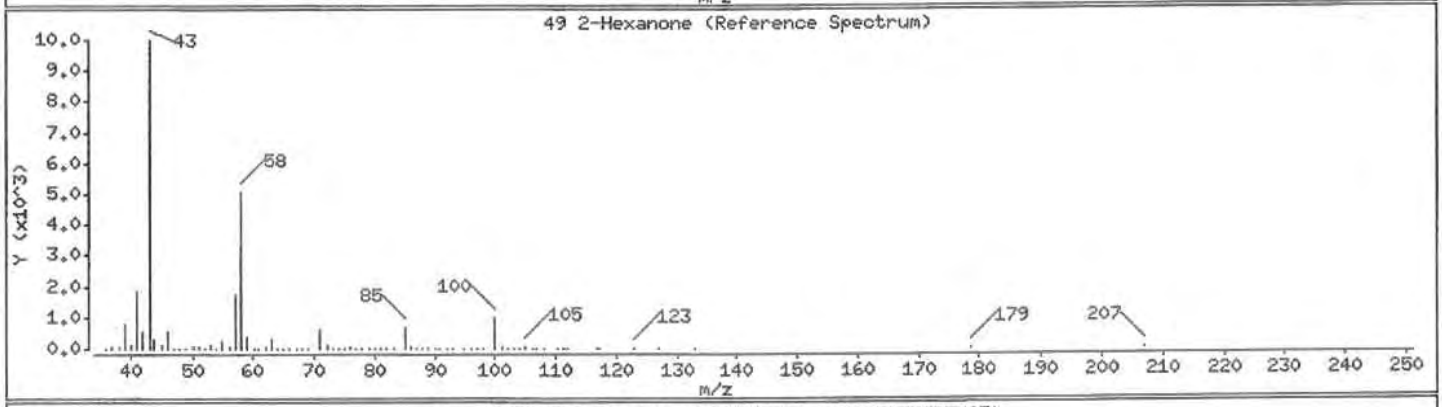
Column diameter: 0.25

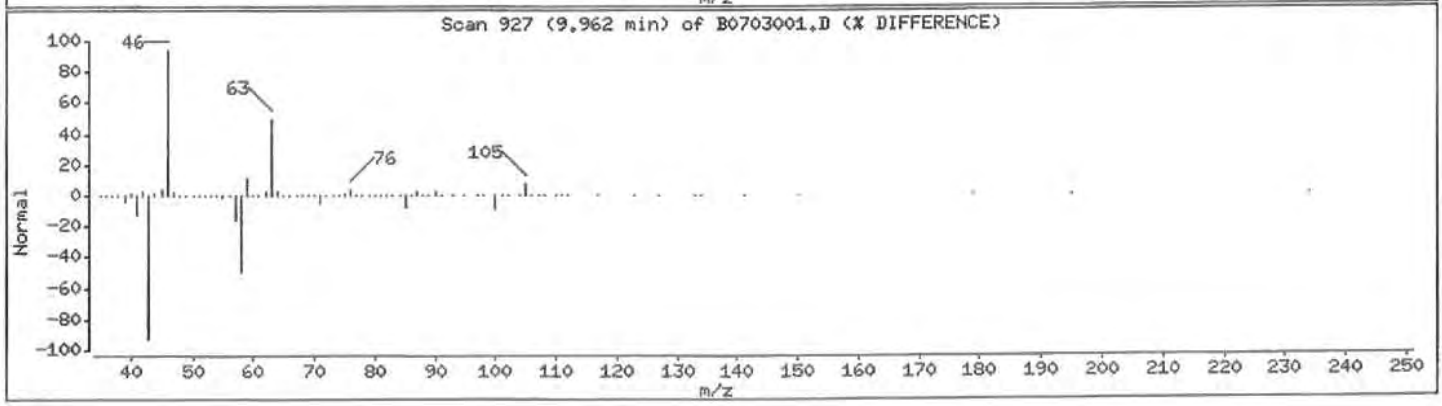
49 2-Hexanone

Concentration: 2.9018 ug/L









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Date : 14-FEB-2007 16:40

Client ID: Y34W0

Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-001

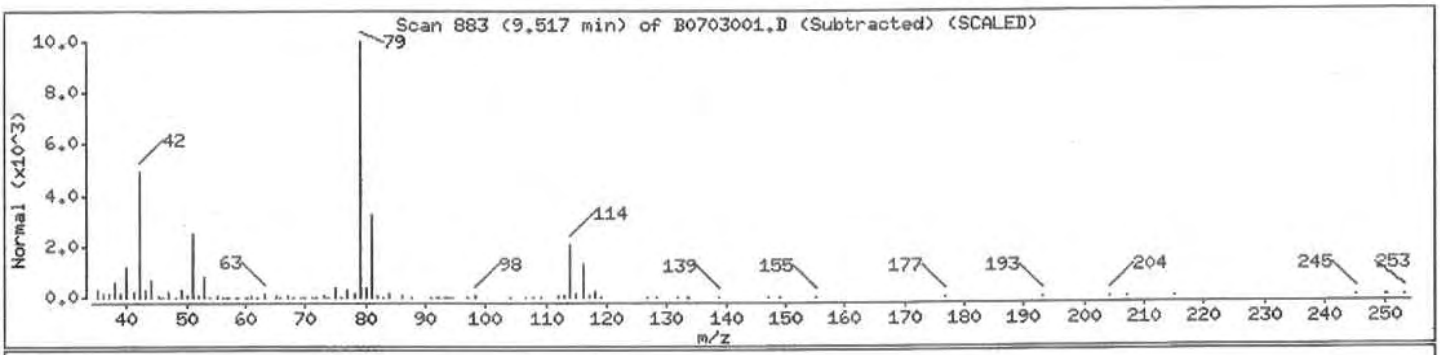
Purge Volume: 25.0

Operator: DLB

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 14-FEB-2007 16:40

Client ID: Y34W0

Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-001

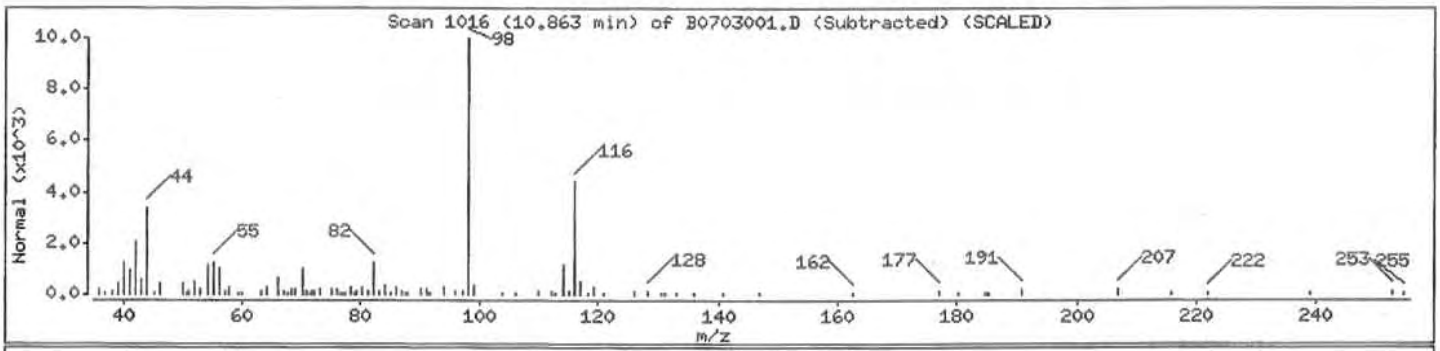
Purge Volume: 25.0

Operator: DLB

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 14-FEB-2007 16:40

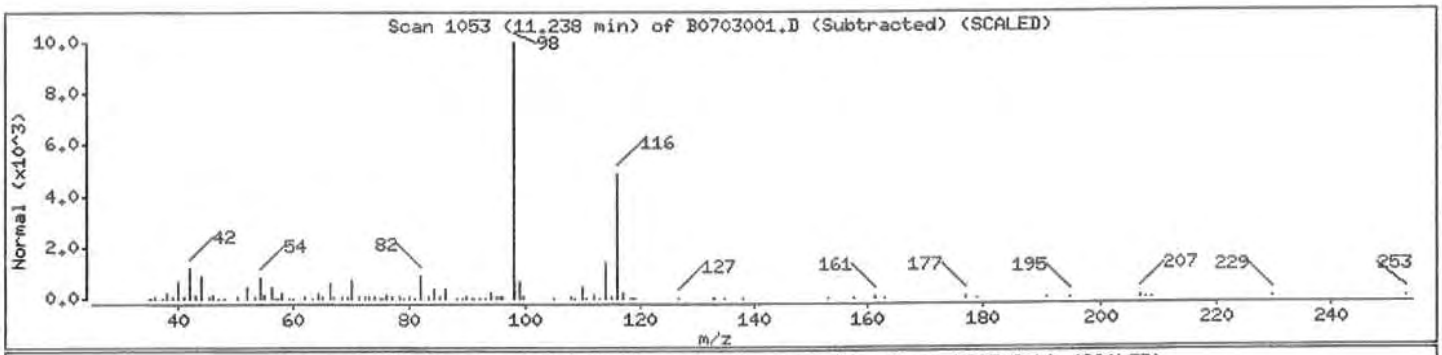
Client ID: Y34W0 Instrument: msd8.i

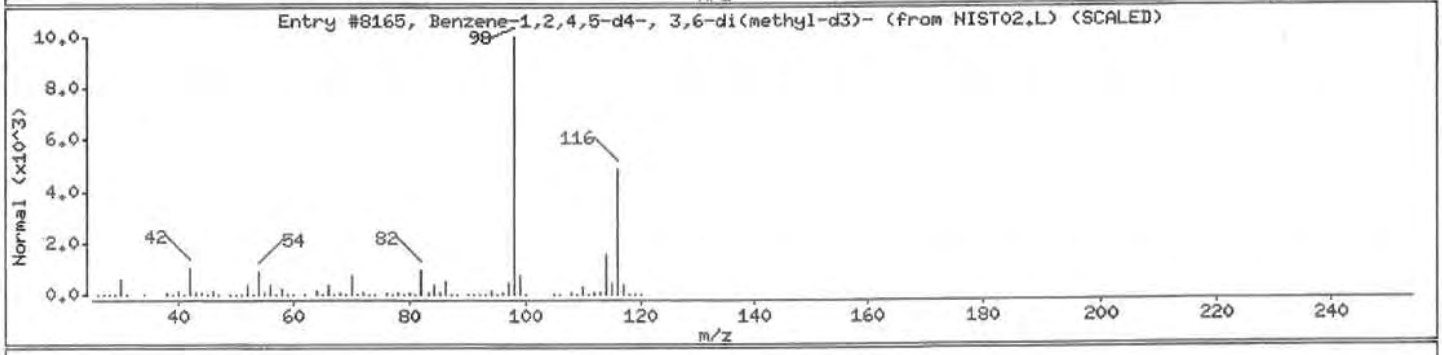
Sample Info: 8feb1407.b, IB07030-001

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene-1,2,4,5-d4-, 3,6-di(methyl-d3)-	41051-88-1	NIST02.L	8165	87	C8D10	116





Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703001.D

Date : 14-FEB-2007 16:40

Client ID: Y34W0

Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-001

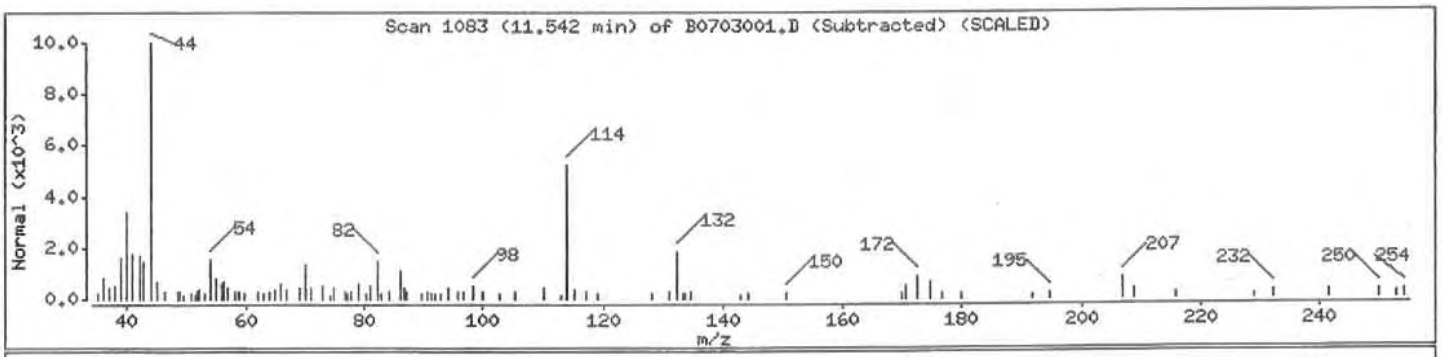
Purge Volume: 25.0

Operator: DLB

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 14-FEB-2007 16:40

Client ID: Y34W0

Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-001

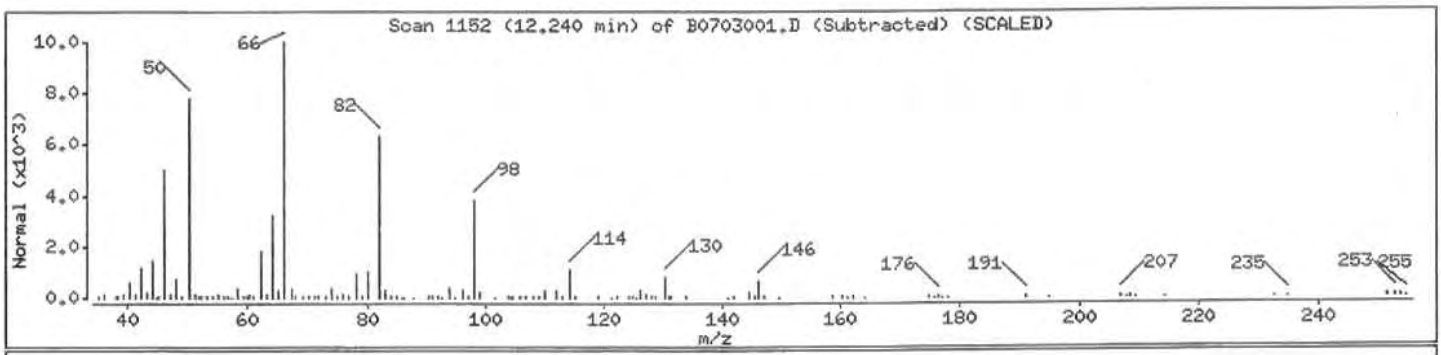
Purge Volume: 25.0

Operator: DLB

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 14-FEB-2007 16:40

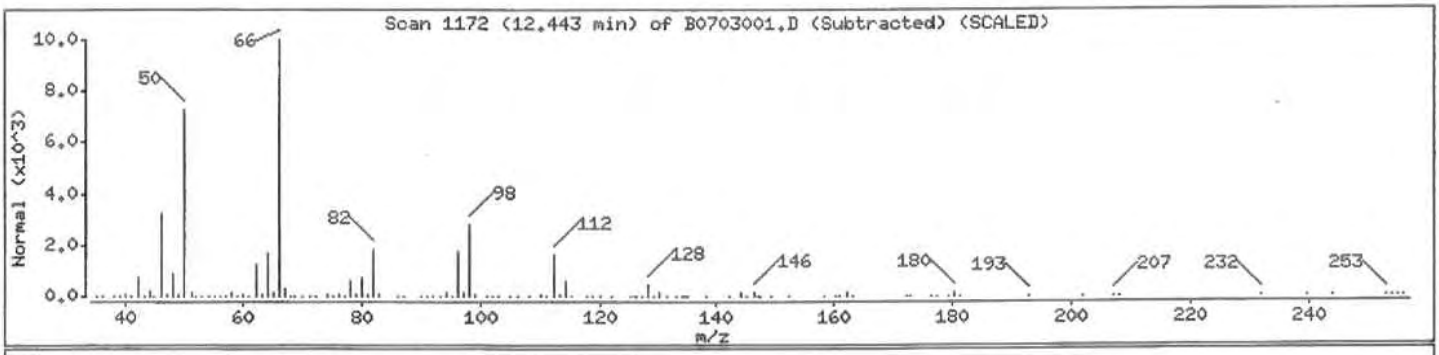
Client ID: Y34W0 Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-001

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 14-FEB-2007 16:40

Client ID: Y34W0

Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-001

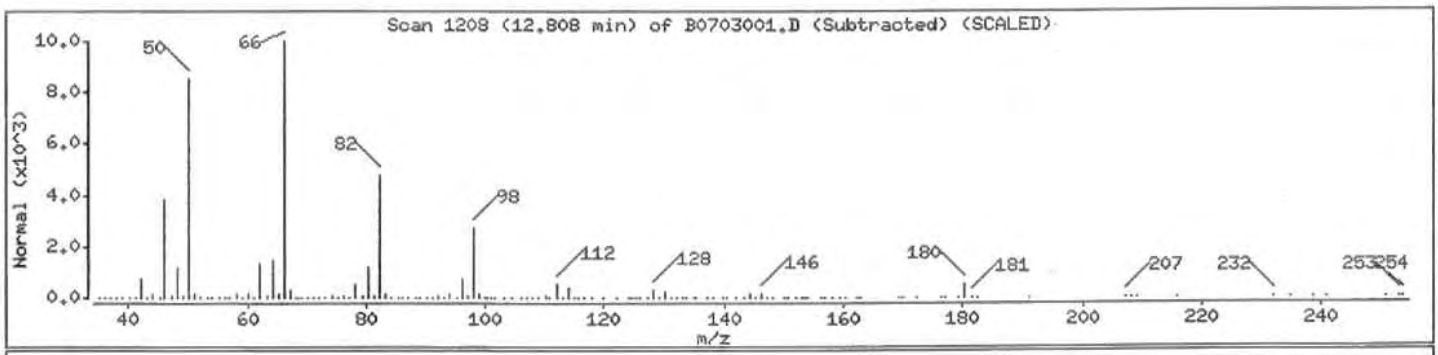
Purge Volume: 25.0

Operator: DLB

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W1

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-002

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703002

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	1.2	JB
75-15-0	Carbon disulfide	0.29	J
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W1

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-002

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703002

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.060	J
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.054	J
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W1

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-002

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703002

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
Y34W1

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-002

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703002

Level: (TRACE or LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	9.516	0.70	J
02		Unknown-02	12.443	3.6	J
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0703002.D
Lab Smp Id: IB07030-002 Client Smp ID: Y34W1
Inj Date : 14-FEB-2007 17:03
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB07030-002
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 60
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1396.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	Compound Not Detected.					
	2 Chloromethane	50	Compound Not Detected.					
$	3 Vinyl Chloride-d3	65	1.921	1.921	(0.269)	119763	4.60025	4.6002
	4 Vinyl Chloride	62	Compound Not Detected.					
	5 Bromomethane	94	Compound Not Detected.					
$	6 Chloroethane-d5	69	2.347	2.336	(0.328)	108022	4.55879	4.5587
	7 Chloroethane	64	Compound Not Detected.					
	8 Trichlorofluoromethane	101	Compound Not Detected.					
$	9 1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	280557	4.18584	4.1858
	10 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	11 1,1-Dichloroethene	96	Compound Not Detected.					
	12 Acetone	43	3.309	3.288	(0.463)	4427	1.18191	1.1819(a)
	13 Carbon Disulfide	76	3.420	3.420	(0.479)	31164	0.28752	0.2875(a)
	14 Methyl Acetate	43	Compound Not Detected.					
	15 Methylene Chloride	84	Compound Not Detected.					
	72 tert-butyl alcohol	59	Compound Not Detected.					
	16 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	17 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	18 1,1-Dichloroethane	63	Compound Not Detected.					
	74 Ethyl tert-butyl ether	59	Compound Not Detected.					
$	19 2-Butanone-d5	46	5.465	5.466	(0.765)	832138	82.8550	82.8549(QR)
	20 cis-1,2-Dichloroethene	96	Compound Not Detected.					
	21 2-Butanone	43	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	22 Bromochloromethane	128	Compound Not Detected.					
$	23 Chloroform-d	84	5.881	5.881	(0.823)	335881	5.29567	5.2956(Q)
	24 Chloroform	83	Compound Not Detected.					
	25 1,1,1-Trichloroethane	97	Compound Not Detected.					
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon Tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	198985	6.14272	6.1427(Q)
$	29 Benzene-d6	84	6.529	6.529	(0.608)	732742	5.40768	5.4076
	30 Benzene	78	Compound Not Detected.					
	31 1,2-Dichloroethane	62	Compound Not Detected.					
	73 tert-amyl methyl ether	73	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	7.146	7.146	(1.000)	587624	5.00000	
	33 Trichloroethene	95	Compound Not Detected.					
$	34 1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	241108	5.47397	5.4739
	35 Methylcyclohexane	83	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
$	39 1,4-Dioxane-d8	96	7.957	7.916	(1.113)	44727	360.287	360.2874(Q)
	38 1,4-Dioxane	88	Compound Not Detected.					
	37 Bromodichloromethane	83	8.169	8.169	(0.761)	2739	0.06014	0.0601(a)
$	40 trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	99655	3.95757	3.9575
	41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	43 Toluene-d8	98	9.081	9.081	(0.846)	644877	5.24044	5.2404
	44 Toluene	91	Compound Not Detected.					
	45 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	46 1,1,2-Trichloroethane	97	Compound Not Detected.					
	47 Tetrachloroethene	164	Compound Not Detected.					
$	48 2-Hexanone-d5	63	9.962	9.962	(0.928)	724437	61.1181	61.1181
	49 2-Hexanone	43	Compound Not Detected.					
	50 Dibromochloromethane	129	10.164	10.164	(0.947)	1552	0.05426	0.0542(a)
	51 1,2-Dibromoethane	107	Compound Not Detected.					
*	52 Chlorobenzene-d5	117	10.731	10.731	(1.000)	535732	5.00000	
	53 Chlorobenzene	112	Compound Not Detected.					
	54 Ethylbenzene	91	Compound Not Detected.					
	55 m+p-Xylenes	106	Compound Not Detected.					
	56 o-Xylene	106	Compound Not Detected.					
	57 Styrene	104	Compound Not Detected.					
	58 Bromoform	173	Compound Not Detected.					
	59 Isopropylbenzene	105	Compound Not Detected.					
$	60 1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	170310	5.09629	5.0962
	61 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	70 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	71 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	62 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	63 1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	272518	5.00000	
	64 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	65 1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	248538	5.29086	5.2908
	66 1,2-Dichlorobenzene	146	Compound Not Detected.					
	67 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
	68 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	69 1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0703002.D
Lab Smp Id: IB07030-002 Client Smp ID: Y34W1
Inj Date : 14-FEB-2007 17:03
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB07030-002
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 60
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1396.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

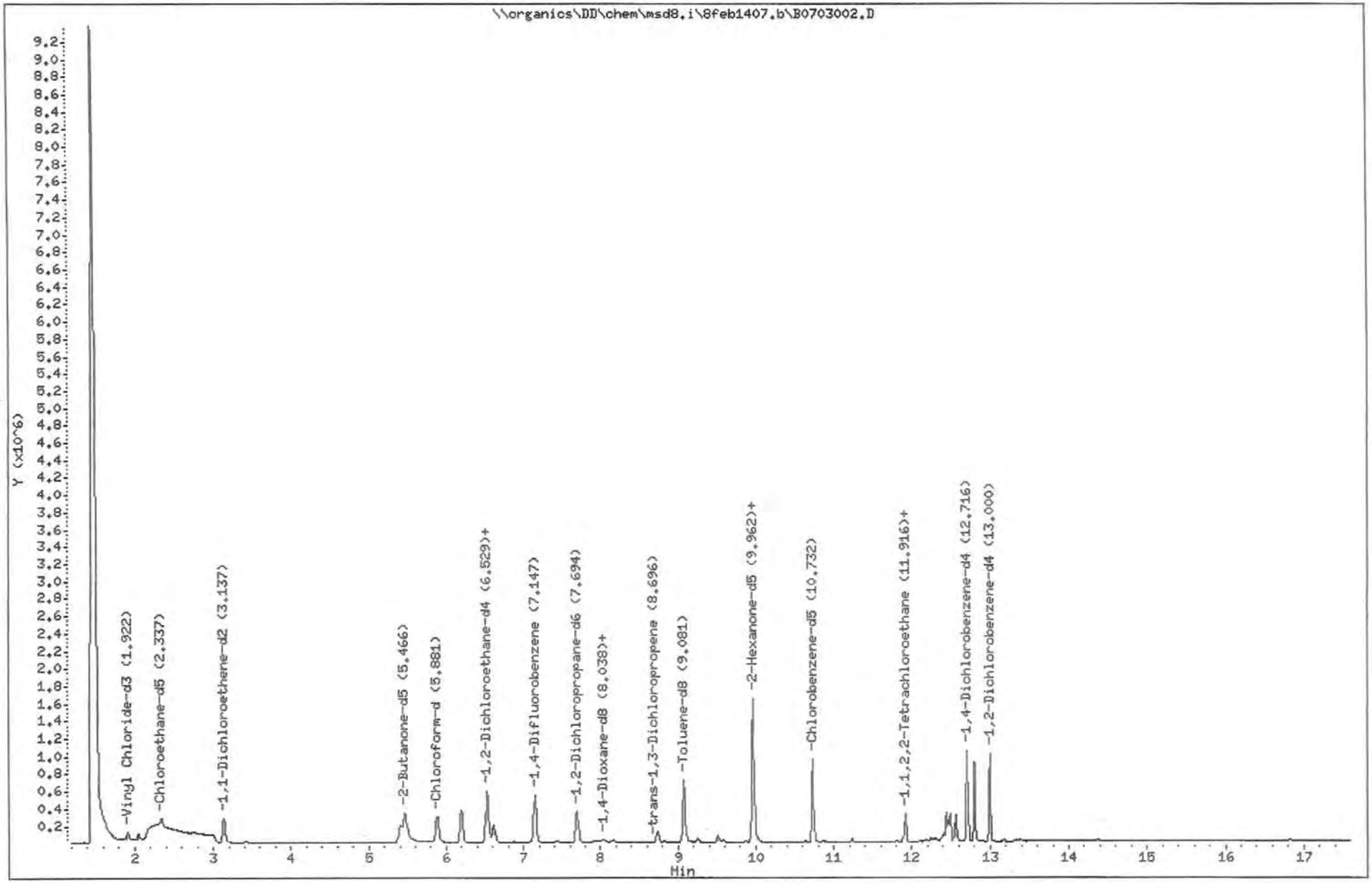
Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 52 Chlorobenzene-d5	10.732	1751670	5.000
* 63 1,4-Dichlorobenzene-d4	12.716	3244320	5.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
9.516	244382	0.69756702	0.6975	0		0	52
Unknown				CAS #:			
12.443	2324408	3.58227262	3.5822	0		0	63

Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703002.D
Date : 14-FEB-2007 17:03
Client ID: Y34W1
Sample Info: 8feb1407.b, IB07030-002
Purge Volume: 25.0
Column phase: DB-624

Instrument: msd8.i
Operator: DLB
Column diameter: 0.25



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703002.D

Date : 14-FEB-2007 17:03

Client ID: Y34W1

Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-002

Purge Volume: 25.0

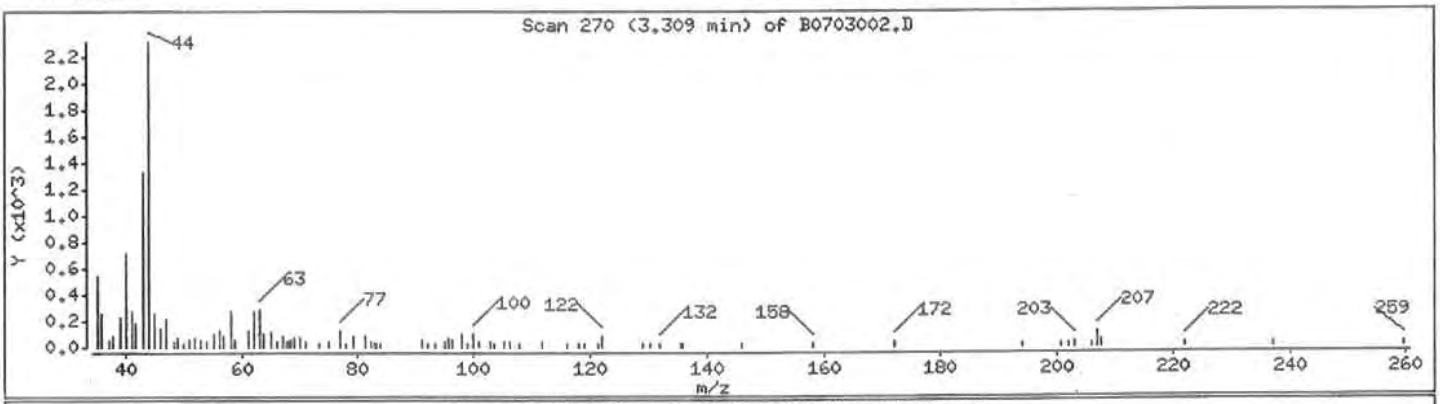
Operator: DLB

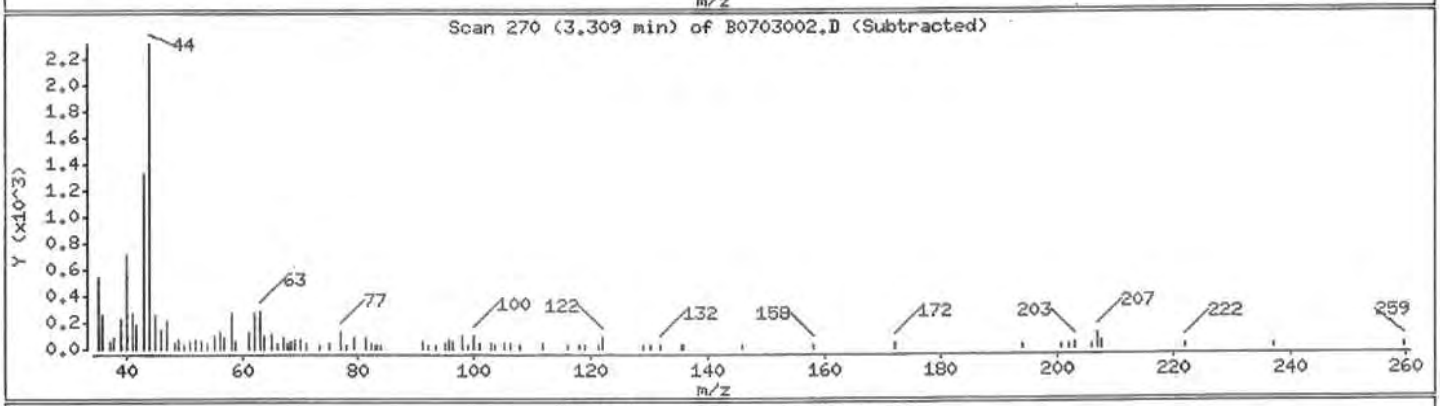
Column phase: DB-624

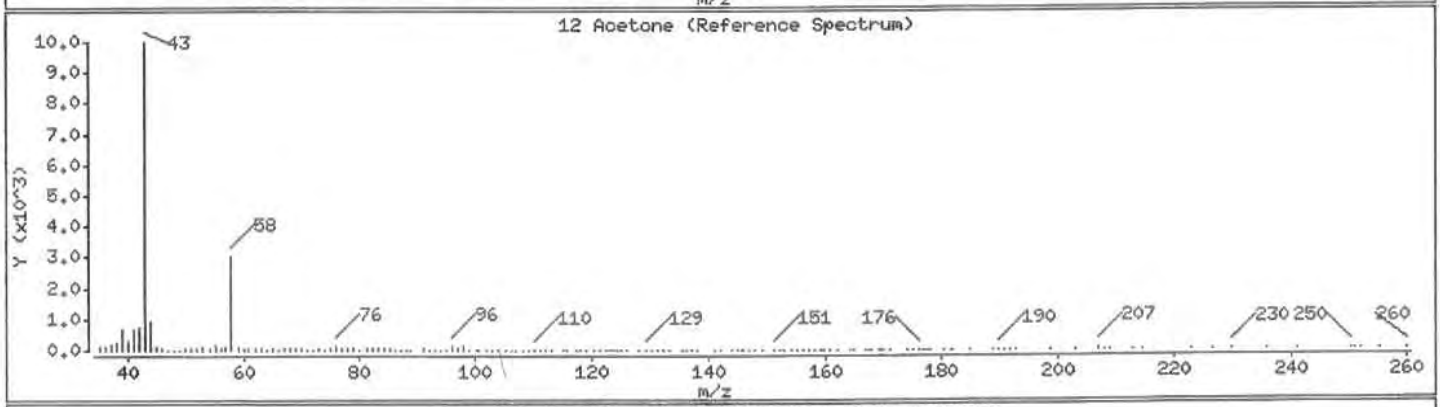
Column diameter: 0.25

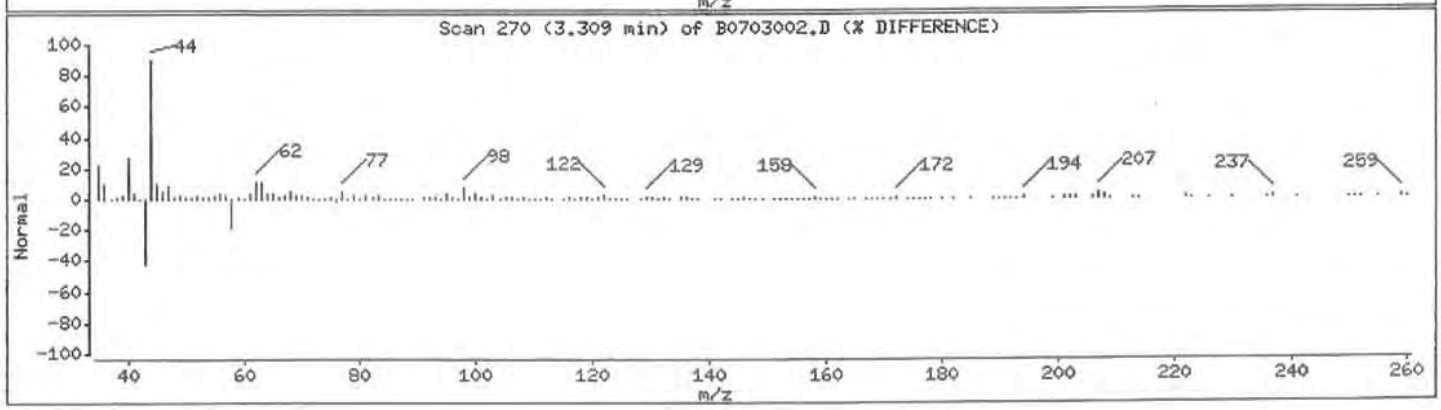
12 Acetone

Concentration: 1.1819 ug/L









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Date : 14-FEB-2007 17:03

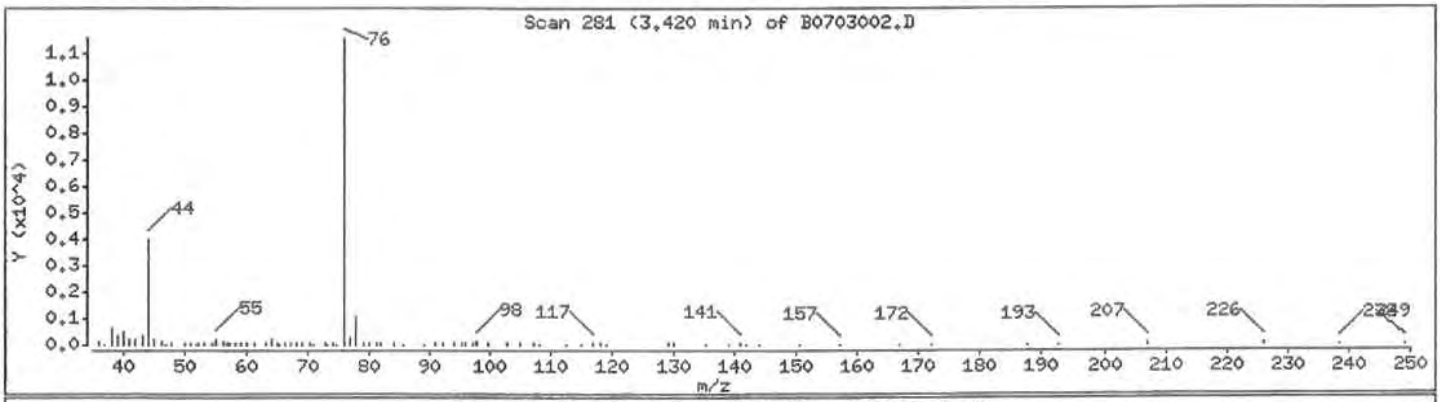
Client ID: Y34W1 Instrument: msd8.i

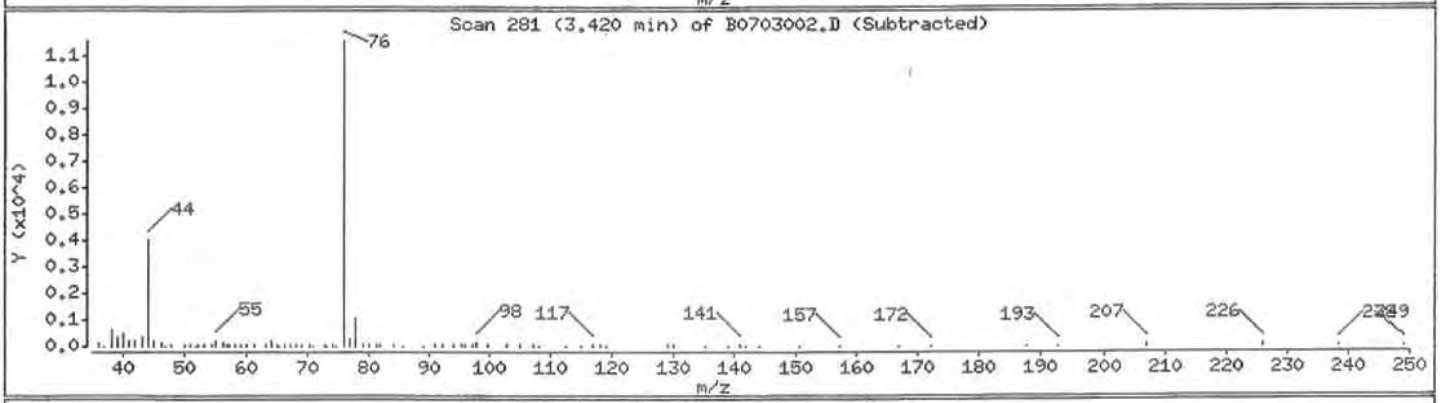
Sample Info: 8feb1407.b, IB07030-002

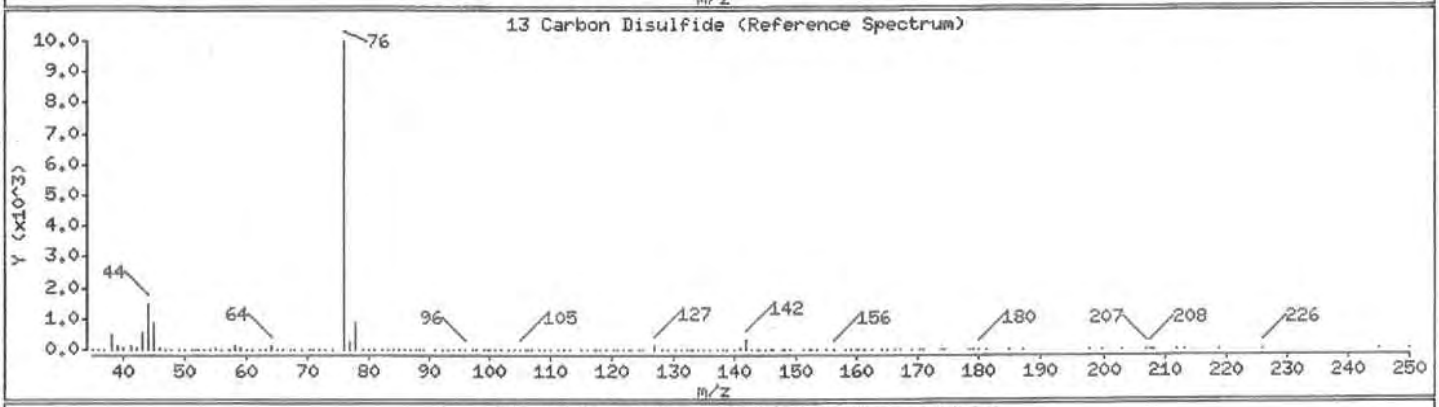
Purge Volume: 25.0 Operator: DLB

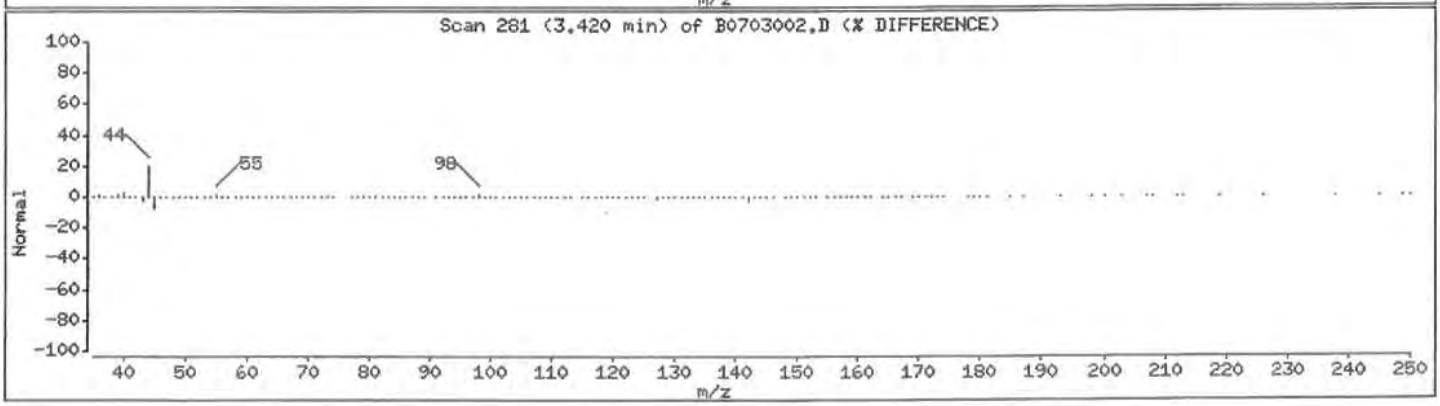
Column phase: DB-624 Column diameter: 0.25

13 Carbon Disulfide Concentration: 0.2875 ug/L









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Date : 14-FEB-2007 17:03

Client ID: Y34W1

Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-002

Purge Volume: 25.0

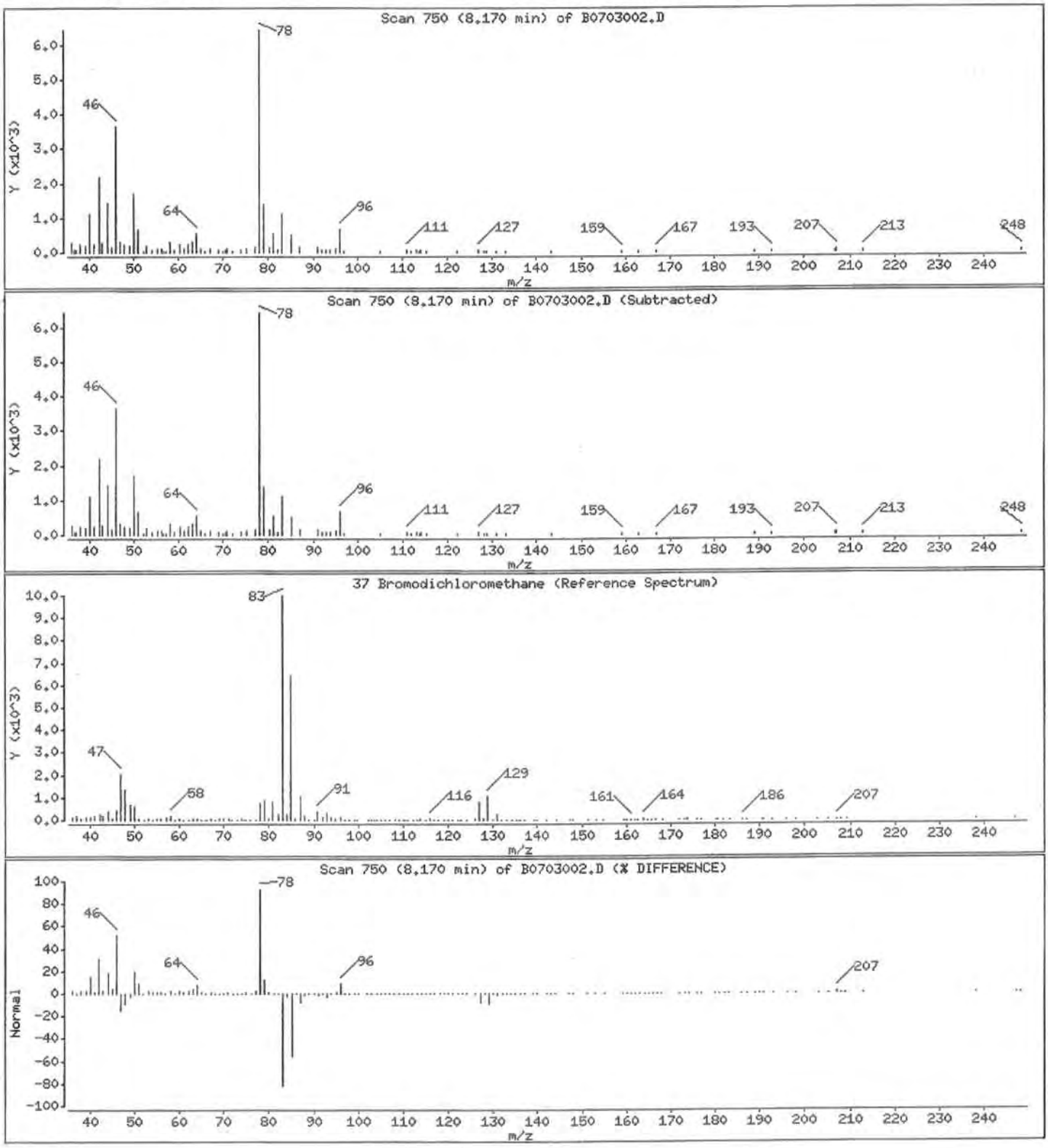
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

37 Bromodichloromethane

Concentration: 0.0601 ug/L



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703002.D

Date : 14-FEB-2007 17:03

Client ID: Y34W1

Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-002

Purge Volume: 25.0

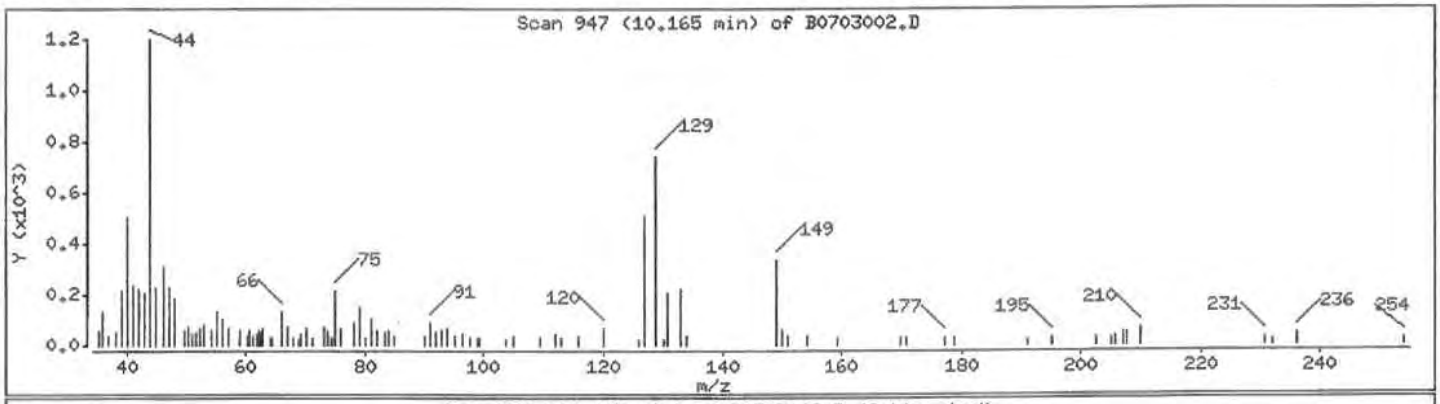
Operator: DLB

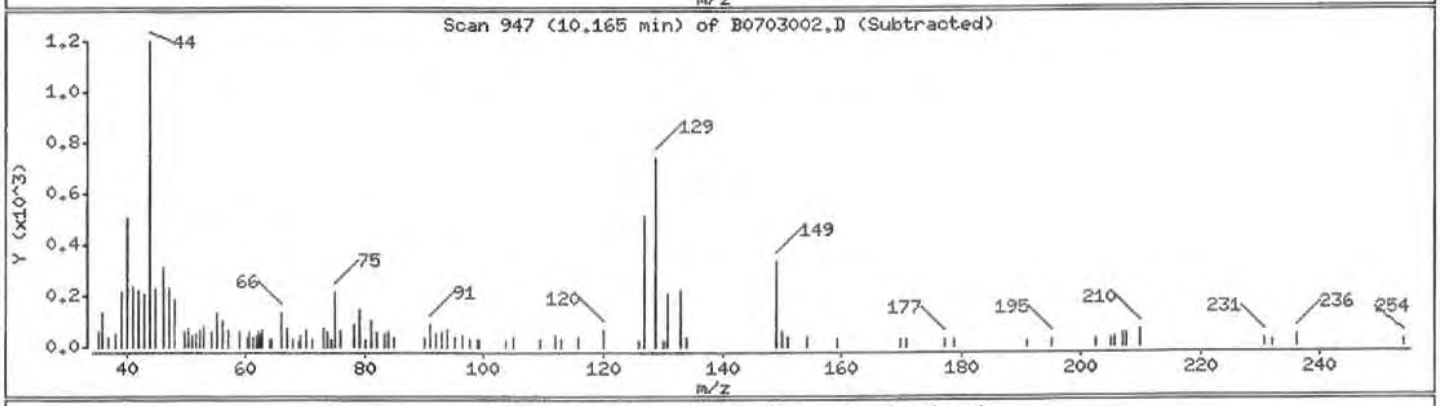
Column phase: DB-624

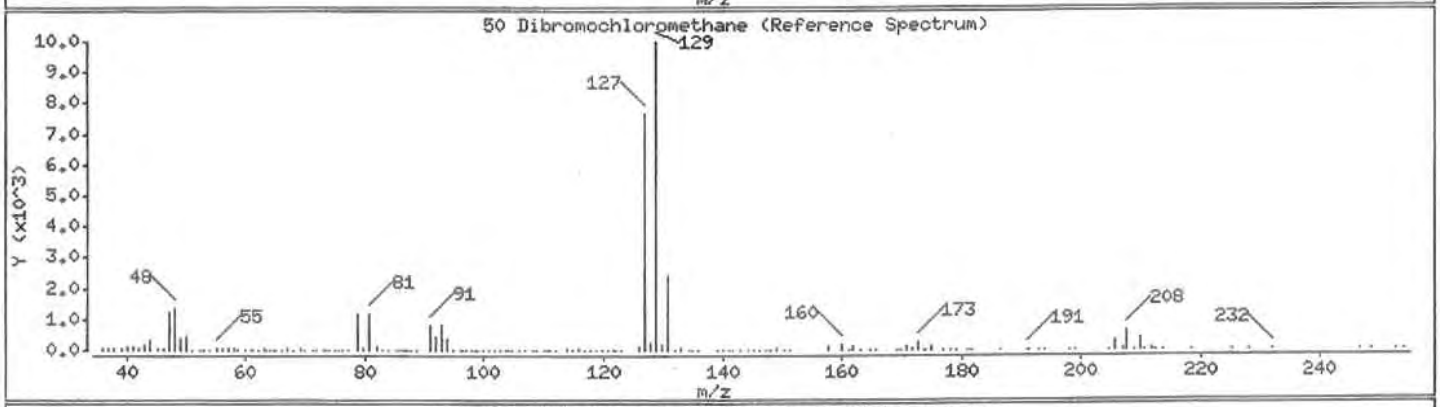
Column diameter: 0.25

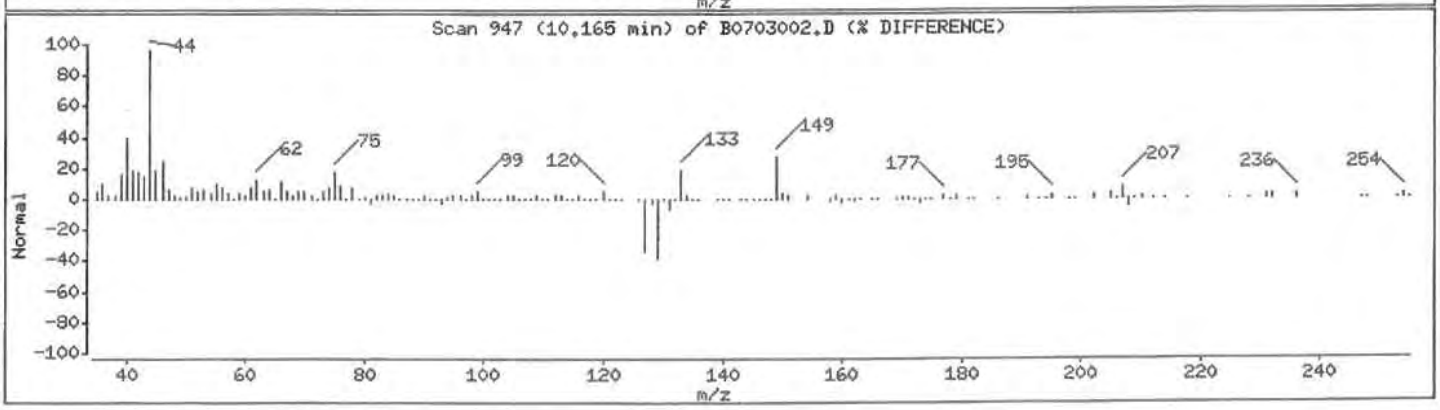
50 Dibromochloromethane

Concentration: 0.0542 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703002.D

Date : 14-FEB-2007 17:03

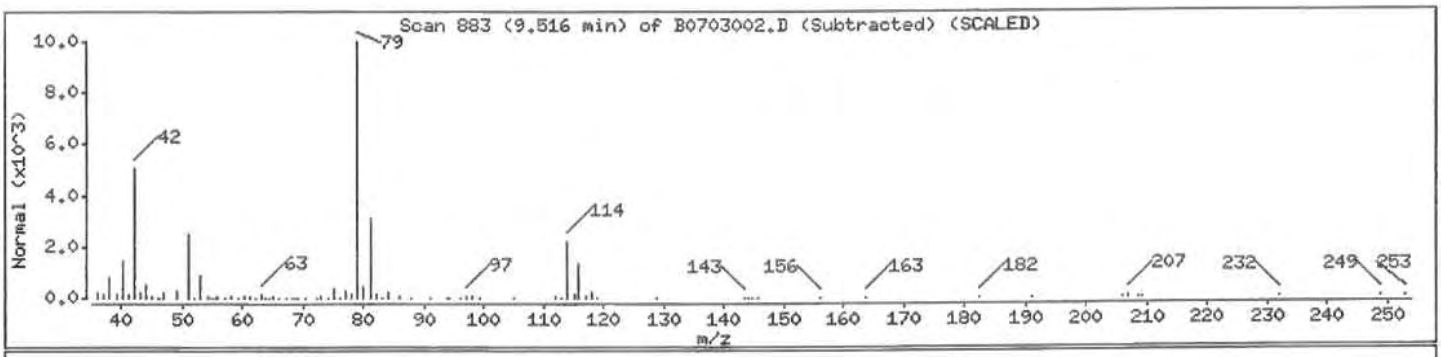
Client ID: Y34W1 Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-002

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703002.D

Date : 14-FEB-2007 17:03

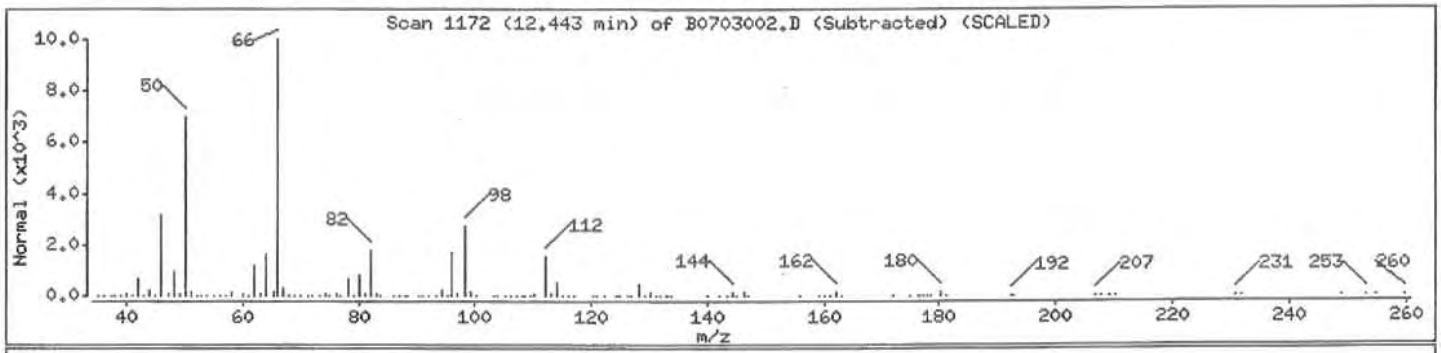
Client ID: Y34W1 Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-002

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W2

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-003

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703003

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.41	J
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.20	J
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W2

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-003

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703003

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W2

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-003

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703003

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
Y34W2

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-003

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703003

Level: (TRACE or LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	9.517	0.72	J
02		Unknown-02	12.443	3.6	J
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0703003.D
Lab Smp Id: IB07030-003 Client Smp ID: Y34W2
Inj Date : 14-FEB-2007 17:25
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB07030-003
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 61
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1396.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	Compound Not Detected.					
	2 Chloromethane	50	1.810	1.810	(0.253)	18345	0.40554	0.4055(a)
$	3 Vinyl Chloride-d3	65	1.911	1.921	(0.267)	161073	6.58268	6.5826(R)
	4 Vinyl Chloride	62	Compound Not Detected.					
	5 Bromomethane	94	Compound Not Detected.					
$	6 Chloroethane-d5	69	2.336	2.336	(0.327)	127316	5.71665	5.7166
	7 Chloroethane	64	Compound Not Detected.					
	8 Trichlorofluoromethane	101	Compound Not Detected.					
$	9 1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	304556	4.83449	4.8344
	10 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	11 1,1-Dichloroethene	96	Compound Not Detected.					
	12 Acetone	43	Compound Not Detected.					
	13 Carbon Disulfide	76	3.420	3.420	(0.479)	20064	0.19695	0.1969(a)
	14 Methyl Acetate	43	Compound Not Detected.					
	15 Methylene Chloride	84	Compound Not Detected.					
	72 tert-butyl alcohol	59	Compound Not Detected.					
	16 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	17 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	18 1,1-Dichloroethane	63	Compound Not Detected.					
	74 Ethyl tert-butyl ether	59	Compound Not Detected.					
$	19 2-Butanone-d5	46	5.466	5.466	(0.765)	434773	46.0582	46.0582(Q)
	20 cis-1,2-Dichloroethene	96	Compound Not Detected.					
	21 2-Butanone	43	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	22 Bromochloromethane	128	Compound Not Detected.					
$	23 Chloroform-d	84	5.881	5.881	(0.823)	325014	5.45204	5.4520(Q)
	24 Chloroform	83	Compound Not Detected.					
	25 1,1,1-Trichloroethane	97	Compound Not Detected.					
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon Tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	178629	5.86697	5.8669(Q)
$	29 Benzene-d6	84	6.529	6.529	(0.608)	722257	5.69295	5.6929
	30 Benzene	78	Compound Not Detected.					
	31 1,2-Dichloroethane	62	Compound Not Detected.					
	73 tert-amyl methyl ether	73	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	7.146	7.146	(1.000)	552304	5.00000	
	33 Trichloroethene	95	Compound Not Detected.					
$	34 1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	222420	5.39325	5.3932
	35 Methylcyclohexane	83	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
$	39 1,4-Dioxane-d8	96	7.916	7.916	(1.108)	23984	205.552	205.5522(Q)
	38 1,4-Dioxane	88	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
$	40 trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	91309	3.87283	3.8728
	41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	43 Toluene-d8	98	9.081	9.081	(0.846)	650709	5.64760	5.6475
	44 Toluene	91	Compound Not Detected.					
	45 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	46 1,1,2-Trichloroethane	97	Compound Not Detected.					
	47 Tetrachloroethene	164	Compound Not Detected.					
$	48 2-Hexanone-d5	63	9.962	9.962	(0.928)	543498	48.9726	48.9725
	49 2-Hexanone	43	Compound Not Detected.					
	50 Dibromochloromethane	129	Compound Not Detected.					
	51 1,2-Dibromoethane	107	Compound Not Detected.					
*	52 Chlorobenzene-d5	117	10.731	10.731	(1.000)	501605	5.00000	
	53 Chlorobenzene	112	Compound Not Detected.					
	54 Ethylbenzene	91	Compound Not Detected.					
	55 m+p-Xylenes	106	Compound Not Detected.					
	56 o-Xylene	106	Compound Not Detected.					
	57 Styrene	104	Compound Not Detected.					
	58 Bromoform	173	Compound Not Detected.					
	59 Isopropylbenzene	105	Compound Not Detected.					
$	60 1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	150500	4.80991	4.8099
	61 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	70 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	71 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	62 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	63 1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	234021	5.00000	
	64 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	65 1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	210736	5.22411	5.2241
	66 1,2-Dichlorobenzene	146	Compound Not Detected.					
	67 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
	68 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	69 1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0703003.D
Lab Smp Id: IB07030-003 Client Smp ID: Y34W2
Inj Date : 14-FEB-2007 17:25
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB07030-003
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 61
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1396.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

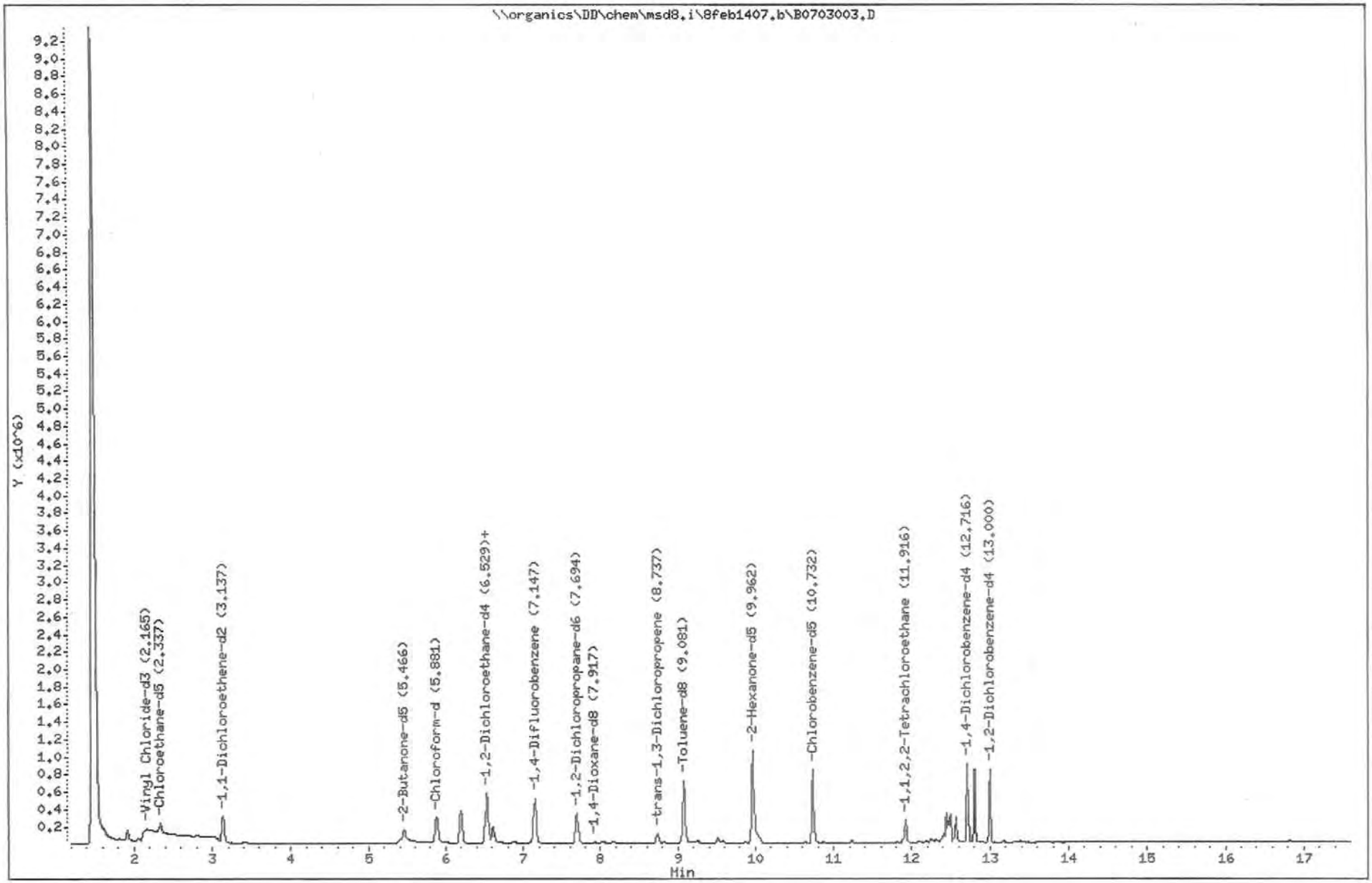
Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 52 Chlorobenzene-d5	10.732	1648160	5.000
* 63 1,4-Dichlorobenzene-d4	12.716	2901601	5.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
9.517	236515	0.71751289	0.7175	0		0	52
Unknown				CAS #:			
12.443	2088526	3.59891849	3.5989	0		0	63

Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703003.D
Date : 14-FEB-2007 17:25
Client ID: Y34W2
Instrument: msd8.i
Sample Info: 8feb1407.b, IB07030-003
Purge Volume: 25.0
Operator: DLB
Column phase: DB-624
Column diameter: 0.25



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703003.D

Date : 14-FEB-2007 17:25

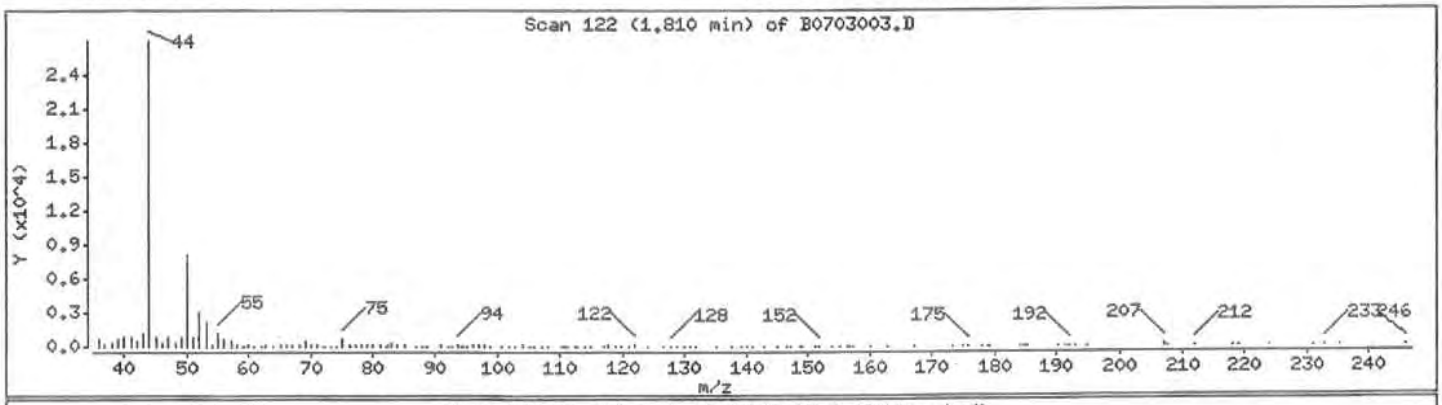
Client ID: Y34W2 Instrument: msd8.i

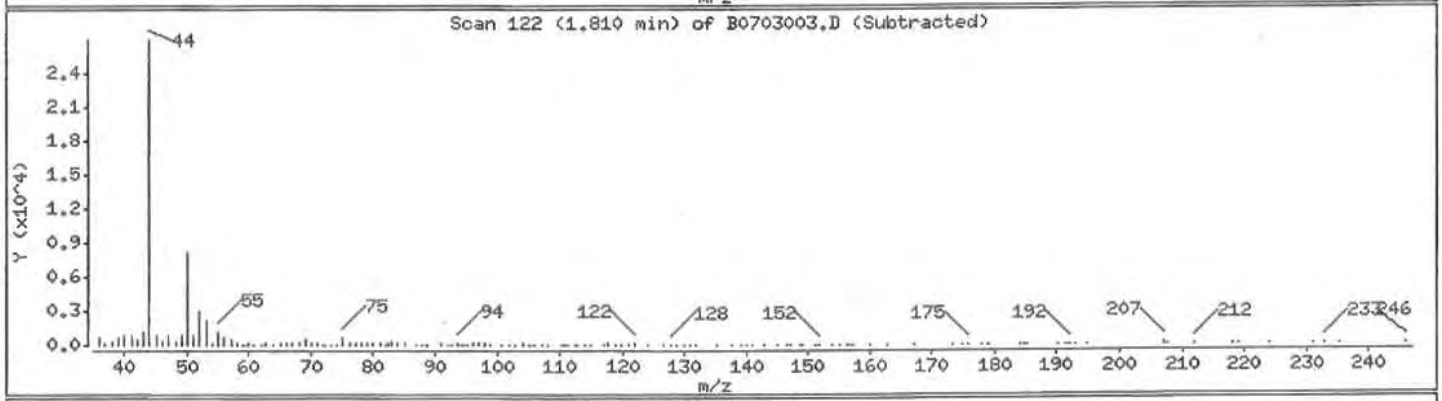
Sample Info: 8feb1407.b, IB07030-003

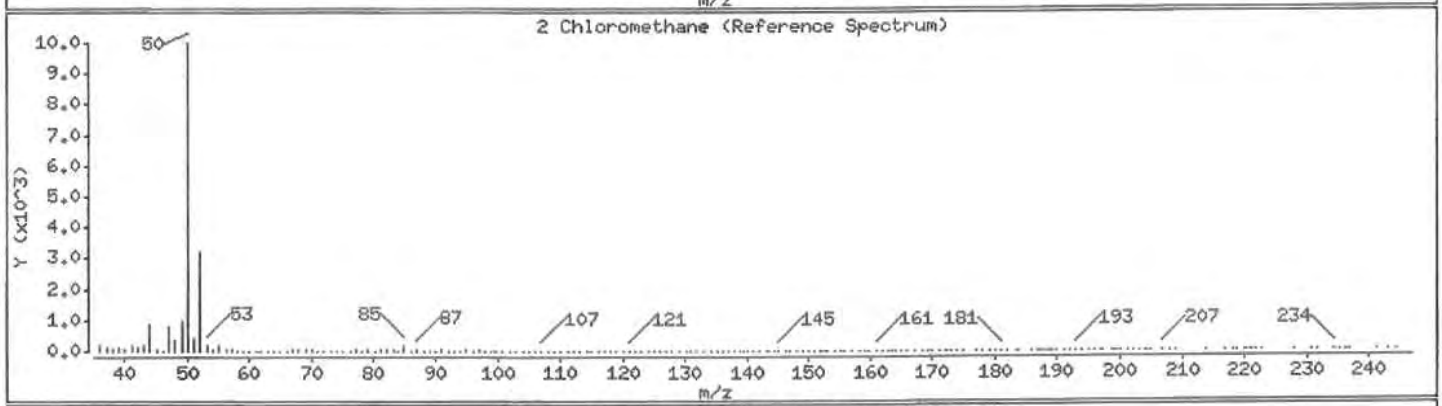
Purge Volume: 25.0 Operator: DLB

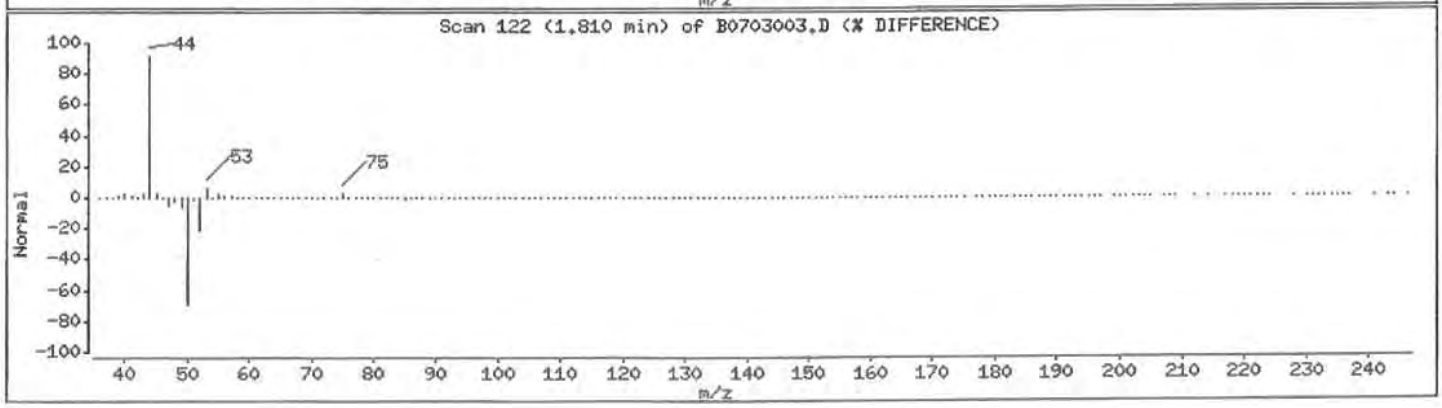
Column phase: DB-624 Column diameter: 0.25

2 Chloromethane Concentration: 0.4055 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703003.D

Date : 14-FEB-2007 17:25

Client ID: Y34W2

Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-003

Purge Volume: 25.0

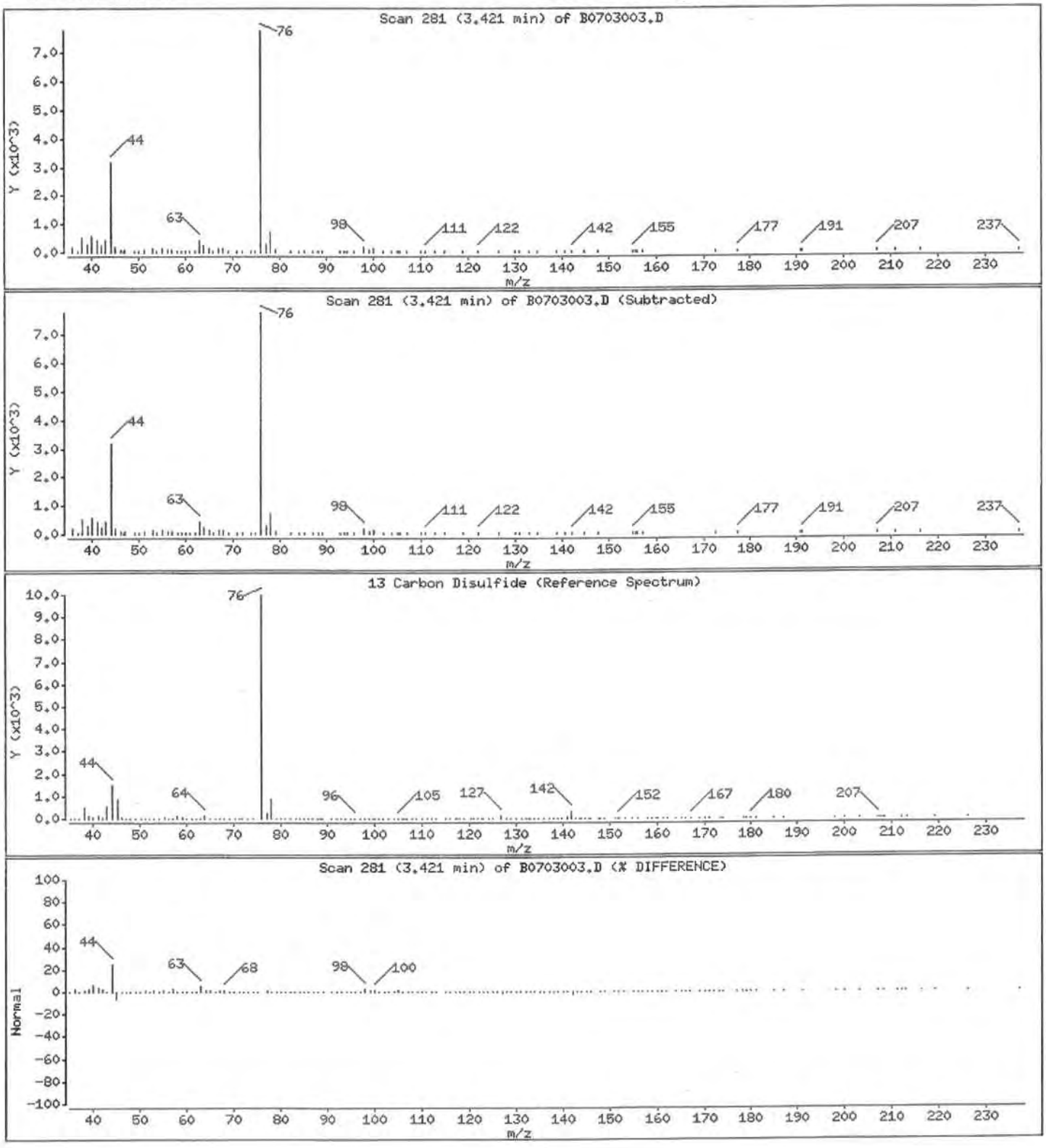
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

13 Carbon Disulfide

Concentration: 0.1969 ug/L



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Date : 14-FEB-2007 17:25

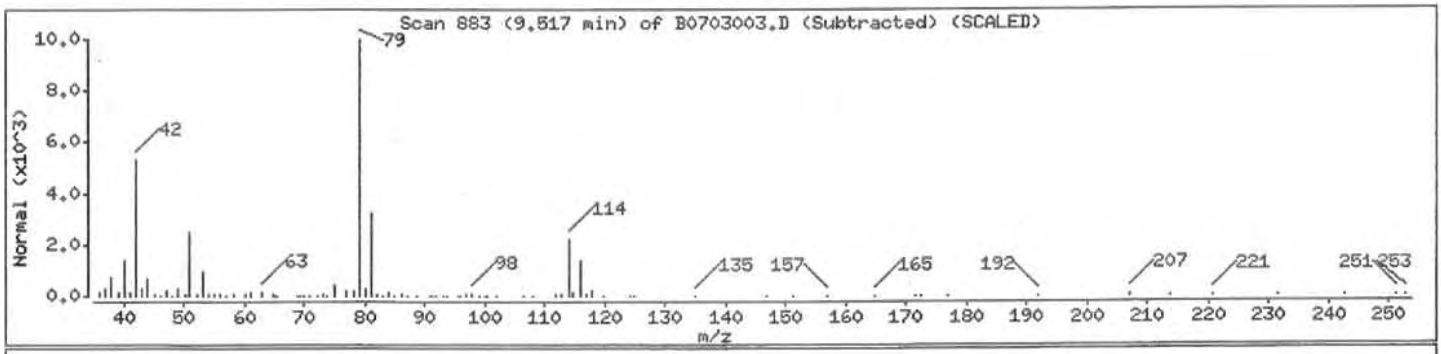
Client ID: Y34W2 Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-003

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 14-FEB-2007 17:25

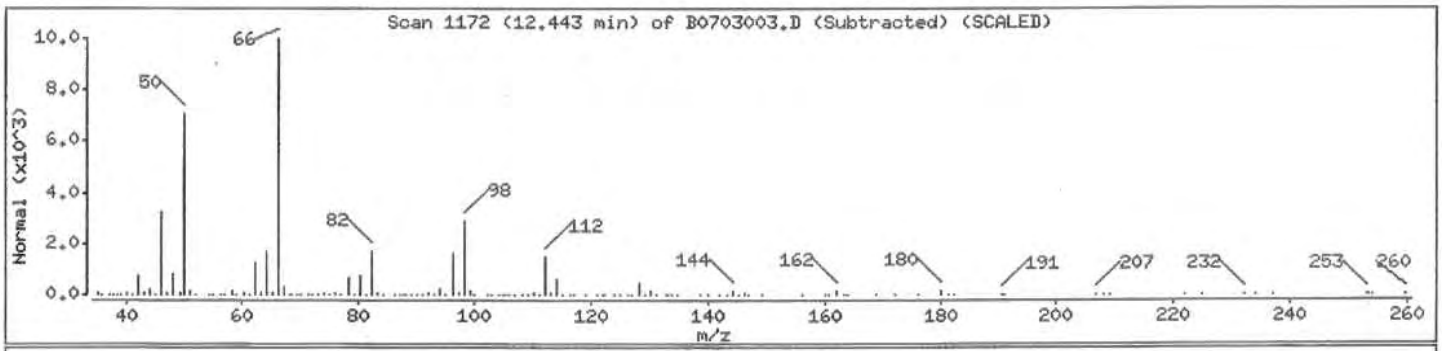
Client ID: Y34W2 Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-003

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W3

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-004

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703004

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	0.89	JB
75-15-0	Carbon disulfide	0.076	J
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W3

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-004

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703004

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.61	
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.070	J
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.21	J
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W3

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-004

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703004

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
Y34W3

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-004

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703004

Level: (TRACE or LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	9.253	30	J
02		Unknown-02	9.516	47	J
03		Unknown-03	10.377	2.1	J
04		Unknown-04	10.863	360	J
05	41051-88-1	Benzene-1,2,4,5-d4-, 3,6-di(	11.238	17	NJ
06		Unknown-05	11.552	4.1	J
07		Unknown-06	12.240	4.1	JB
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0703004.D
Lab Smp Id: IB07030-004 Client Smp ID: Y34W3
Inj Date : 14-FEB-2007 17:48
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB07030-004
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 62
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	Compound Not Detected.					
	2 Chloromethane	50	Compound Not Detected.					
$	3 Vinyl Chloride-d3	65	1.921	1.921	(0.269)	160480	6.40890	6.4088
	4 Vinyl Chloride	62	Compound Not Detected.					
	5 Bromomethane	94	Compound Not Detected.					
$	6 Chloroethane-d5	69	2.336	2.336	(0.327)	130938	5.74522	5.7452
	7 Chloroethane	64	Compound Not Detected.					
	8 Trichlorofluoromethane	101	Compound Not Detected.					
$	9 1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	306801	4.75907	4.7590
	11 1,1-Dichloroethene	96	Compound Not Detected.					
	10 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	12 Acetone	43	3.278	3.288	(0.459)	3216	0.89268	0.8926(a)
	13 Carbon Disulfide	76	3.420	3.420	(0.479)	7948	0.07624	0.0762(a)
	14 Methyl Acetate	43	Compound Not Detected.					
	15 Methylene Chloride	84	Compound Not Detected.					
	16 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	17 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	18 1,1-Dichloroethane	63	Compound Not Detected.					
$	19 2-Butanone-d5	46	5.465	5.466	(0.765)	497993	51.5525	51.5525(Q)
	20 cis-1,2-Dichloroethene	96	Compound Not Detected.					
	21 2-Butanone	43	Compound Not Detected.					
	22 Bromochloromethane	128	Compound Not Detected.					
$	23 Chloroform-d	84	5.891	5.881	(0.824)	331749	5.43812	5.4381(Q)
	24 Chloroform	83	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	25 1,1,1-Trichloroethane	97	Compound Not Detected.					
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon Tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	183722	5.89665	5.8966(Q)
$	29 Benzene-d6	84	6.529	6.529	(0.608)	731661	5.62650	5.6265
	30 Benzene	78	Compound Not Detected.					
	31 1,2-Dichloroethane	62	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	7.146	7.146	(1.000)	565192	5.00000	
	33 Trichloroethene	95	Compound Not Detected.					
$	34 1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	236017	5.58346	5.5834
	35 Methylcyclohexane	83	Compound Not Detected.					
	36 1,2-Dichloropropane	63	7.693	7.815	(0.717)	24317	0.60776	0.6077
$	39 1,4-Dioxane-d8	96	7.936	7.916	(1.111)	26763	224.139	224.1391(Q)
	38 1,4-Dioxane	88	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
$	40 trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	96443	3.99088	3.9908(R)
	41 cis-1,3-Dichloropropene	75	8.736	8.787	(0.814)	4137	0.06979	0.0697(aQ)
	42 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	43 Toluene-d8	98	9.080	9.081	(0.846)	644252	5.45526	5.4552
	44 Toluene	91	Compound Not Detected.					
	45 trans-1,3-Dichloropropene	75	9.961	9.546	(0.928)	10232	0.21037	0.2103(a)
	46 1,1,2-Trichloroethane	97	Compound Not Detected.					
	47 Tetrachloroethene	164	Compound Not Detected.					
$	48 2-Hexanone-d5	63	9.961	9.962	(0.928)	582309	51.1908	51.1907
	49 2-Hexanone	43	Compound Not Detected.					
	50 Dibromochloromethane	129	Compound Not Detected.					
	51 1,2-Dibromoethane	107	Compound Not Detected.					
*	52 Chlorobenzene-d5	117	10.731	10.731	(1.000)	514137	5.00000	
	53 Chlorobenzene	112	Compound Not Detected.					
	54 Ethylbenzene	91	Compound Not Detected.					
	55 m+p-Xylenes	106	Compound Not Detected.					
	56 o-Xylene	106	Compound Not Detected.					
	57 Styrene	104	Compound Not Detected.					
	58 Bromoform	173	Compound Not Detected.					
	59 Isopropylbenzene	105	Compound Not Detected.					
$	60 1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	156215	4.87086	4.8708
	61 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	62 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	63 1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	244214	5.00000	
	64 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	65 1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	217243	5.16064	5.1606
	66 1,2-Dichlorobenzene	146	Compound Not Detected.					
	67 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
	68 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	69 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
	72 tert-butyl alcohol	59	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0703004.D
Lab Smp Id: IB07030-004 Client Smp ID: Y34W3
Inj Date : 14-FEB-2007 17:48
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB07030-004
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 62
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

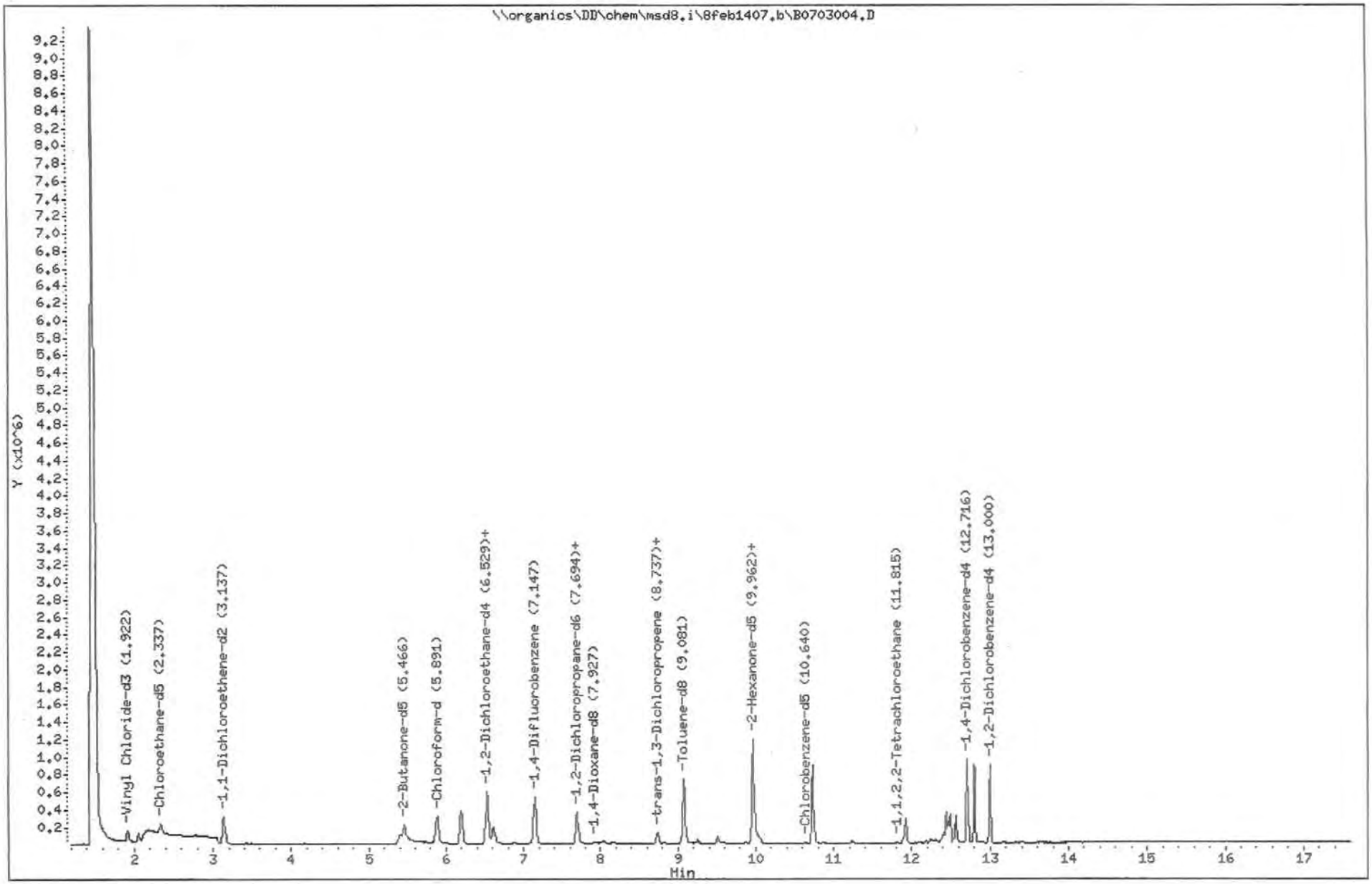
ISTD	RT	AREA	AMOUNT
* 52 Chlorobenzene-d5	10.732	23101	5.000
* 63 1,4-Dichlorobenzene-d4	12.716	2989539	5.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
9.253	137154	29.6846502	29.6846	0		0	52
Unknown				CAS #:			
9.516	216070	46.7645957	46.7645	0		0	52
Unknown				CAS #:			
10.377	9714	2.10240623	2.1024	0		0	52
Unknown				CAS #:			
10.863	1652814	357.723220	357.7232	0		0	52
Benzene-1,2,4,5-d4-, 3,6-di(methyl-d3)-				CAS #: 41051-88-1			
11.238	80034	17.3220370	17.3220	90	NIST02.L	8165	52

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
11.552	18835	4.07660341	4.0766	0		0	52
Unknown				CAS #:			
12.240	2431687	4.06699261	4.0669	0		0	63

Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703004.D
Date : 14-FEB-2007 17:48
Client ID: Y34W3
Sample Info: 8feb1407.b, IB07030-004
Purge Volume: 25.0
Column phase: DB-624

Instrument: msd8.i
Operator: DLB
Column diameter: 0.25



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Date : 14-FEB-2007 17:48

Client ID: Y34W3

Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-004

Purge Volume: 25.0

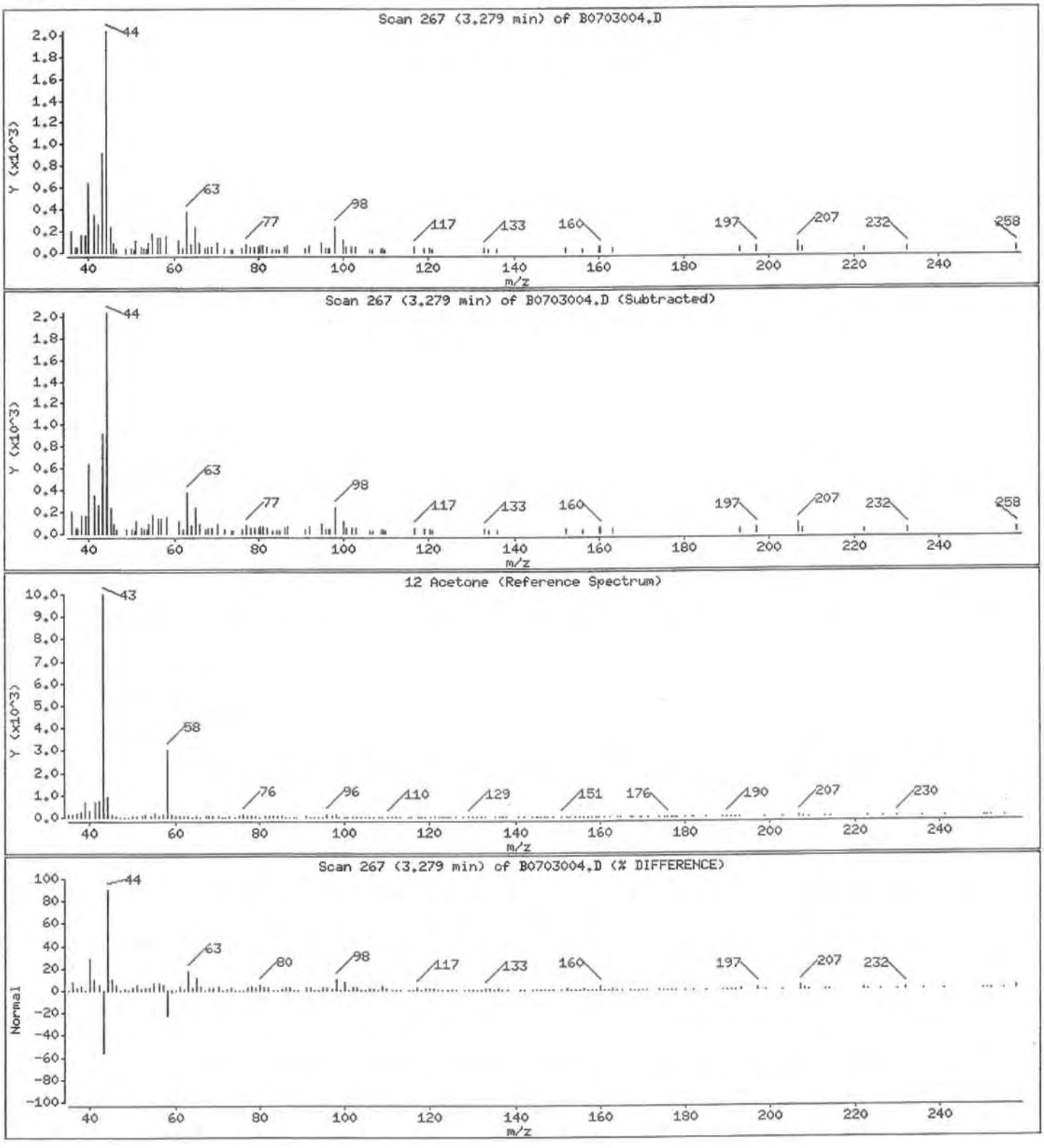
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

12 Acetone

Concentration: 0.8926 ug/L



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703004.D

Date : 14-FEB-2007 17:48

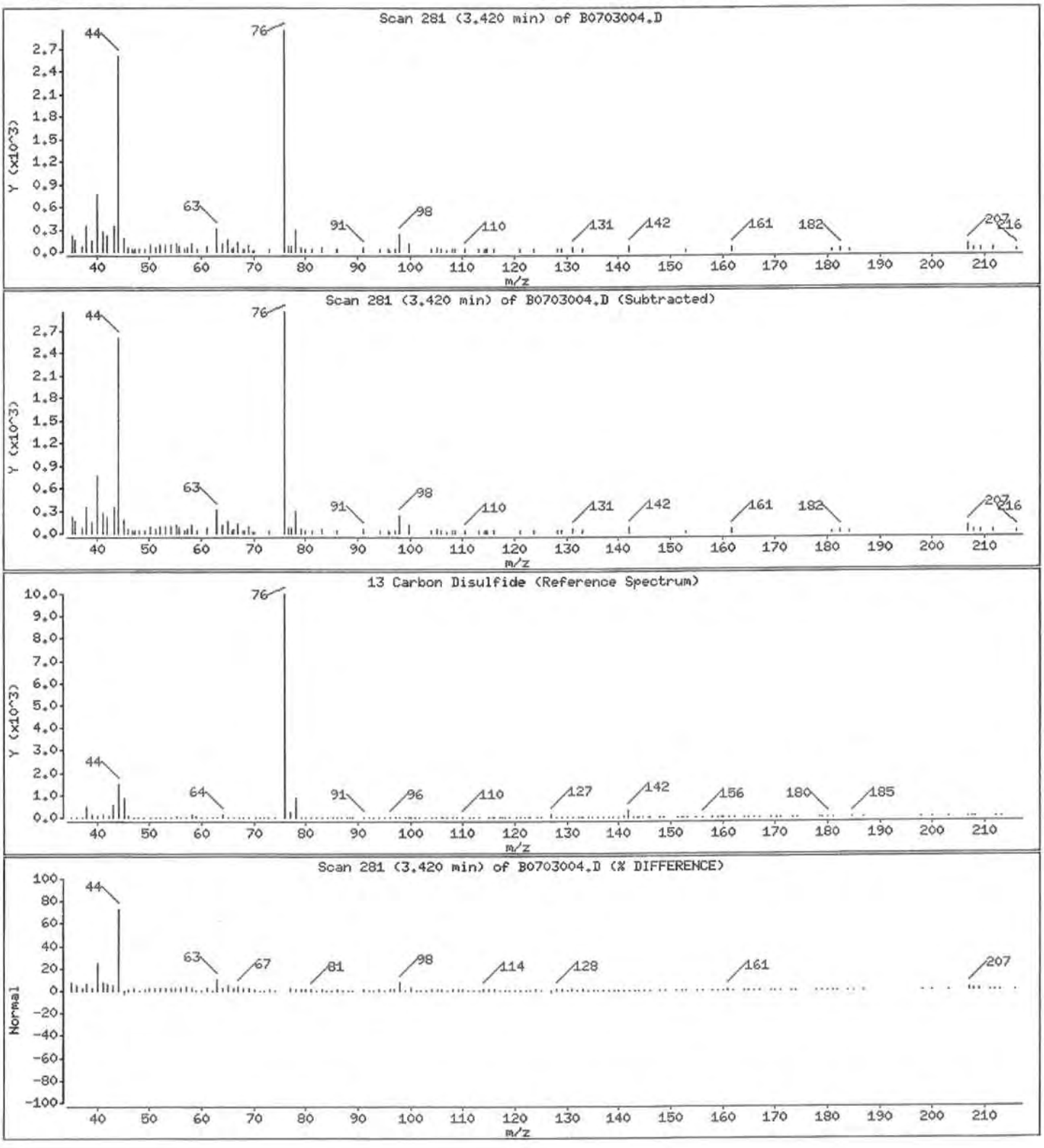
Client ID: Y34W3 Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-004

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

13 Carbon Disulfide Concentration: 0.0762 ug/L



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703004.D

Date : 14-FEB-2007 17:48

Client ID: Y34W3

Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-004

Purge Volume: 25.0

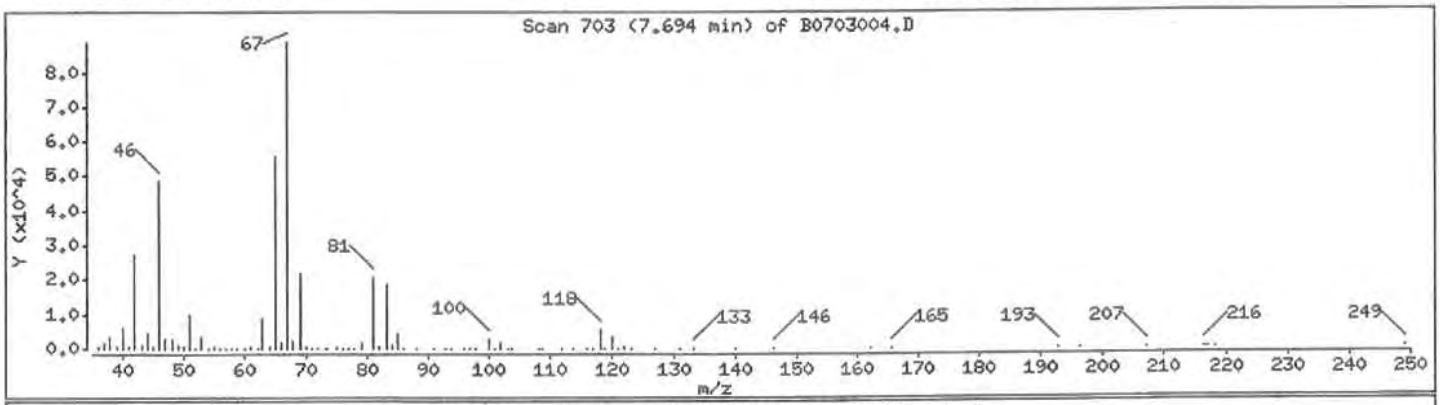
Operator: DLB

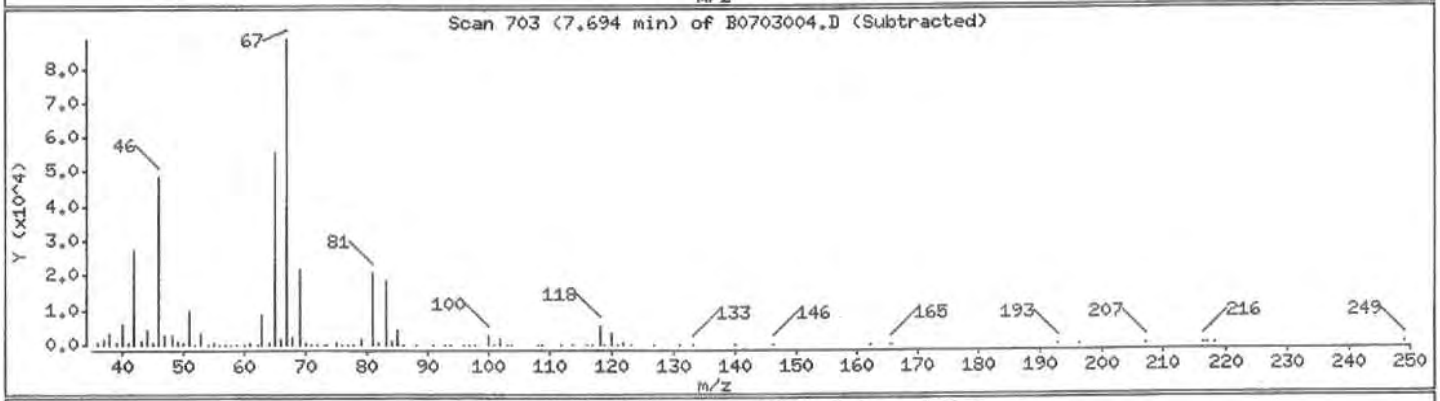
Column phase: DB-624

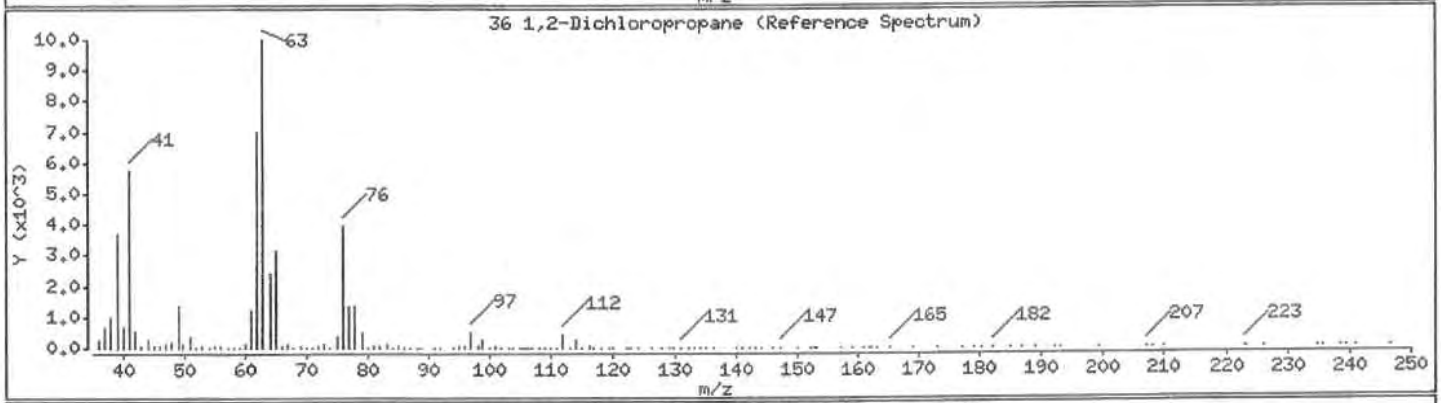
Column diameter: 0.25

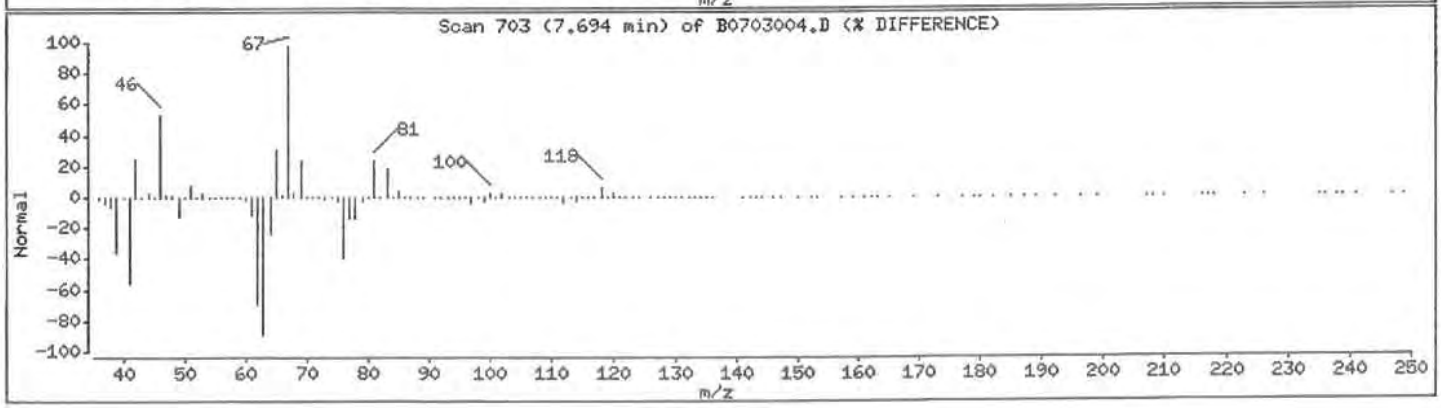
36 1,2-Dichloropropane

Concentration: 0.6077 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703004.D

Date : 14-FEB-2007 17:48

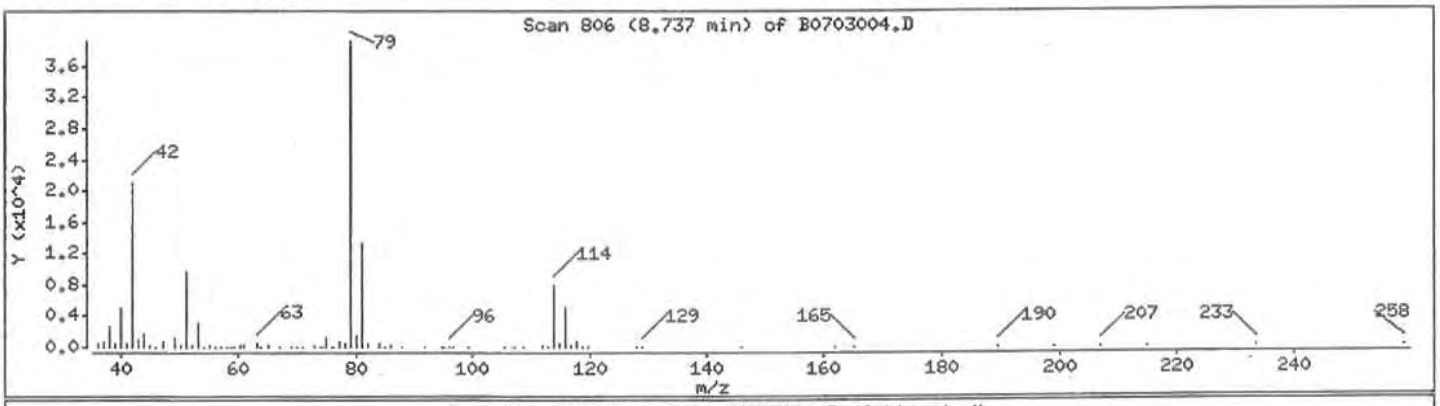
Client ID: Y34W3 Instrument: msd8.i

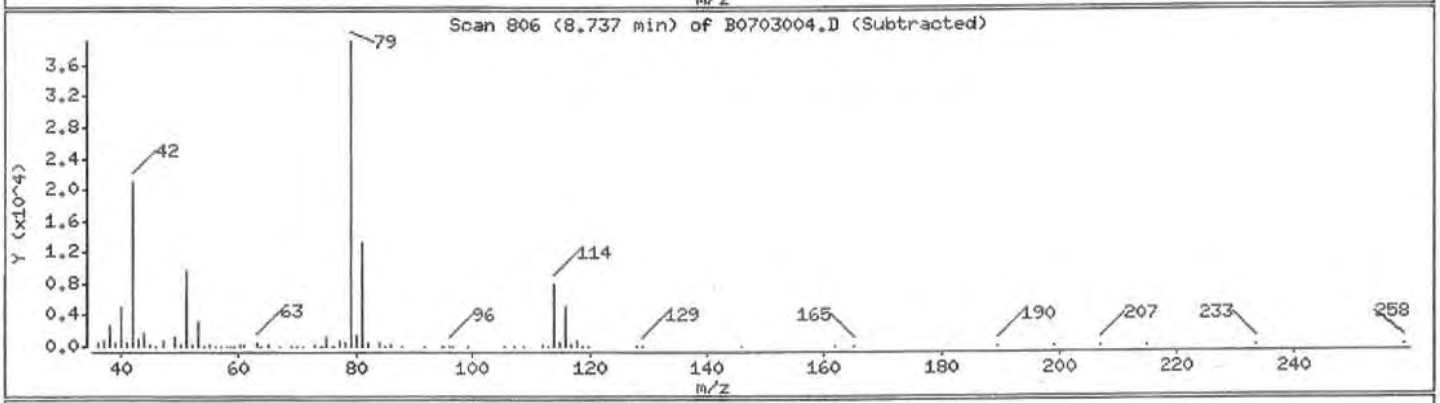
Sample Info: 8feb1407.b, IB07030-004

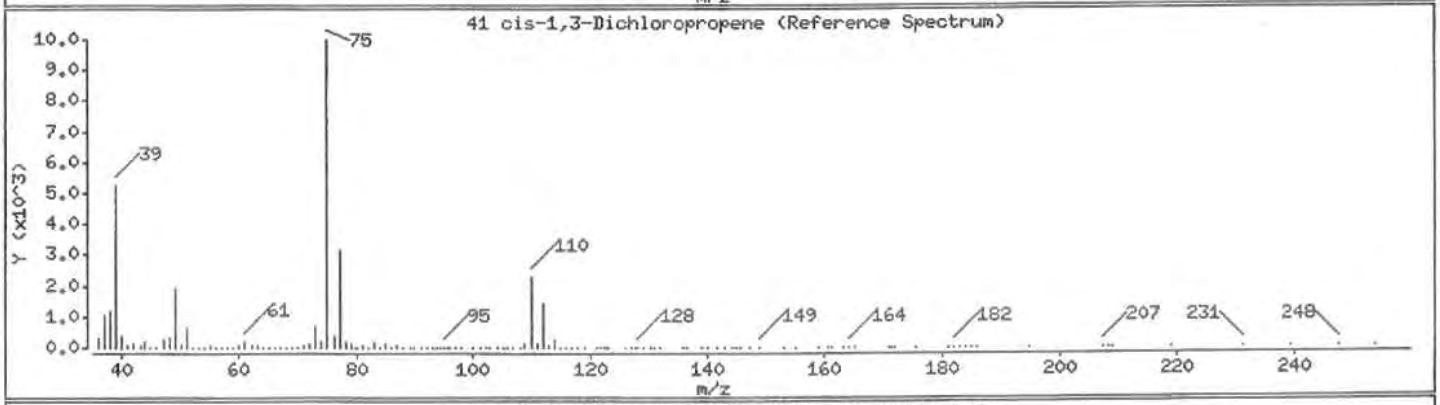
Purge Volume: 25.0 Operator: DLB

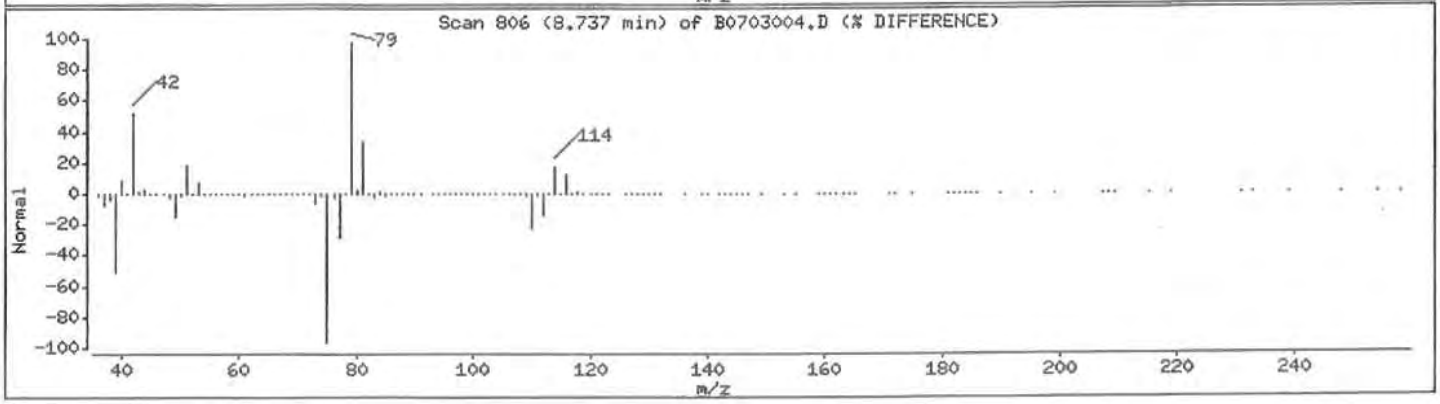
Column phase: DB-624 Column diameter: 0.25

41 cis-1,3-Dichloropropene Concentration: 0.0697 ug/L









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Date : 14-FEB-2007 17:48

Client ID: Y34W3

Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-004

Purge Volume: 25.0

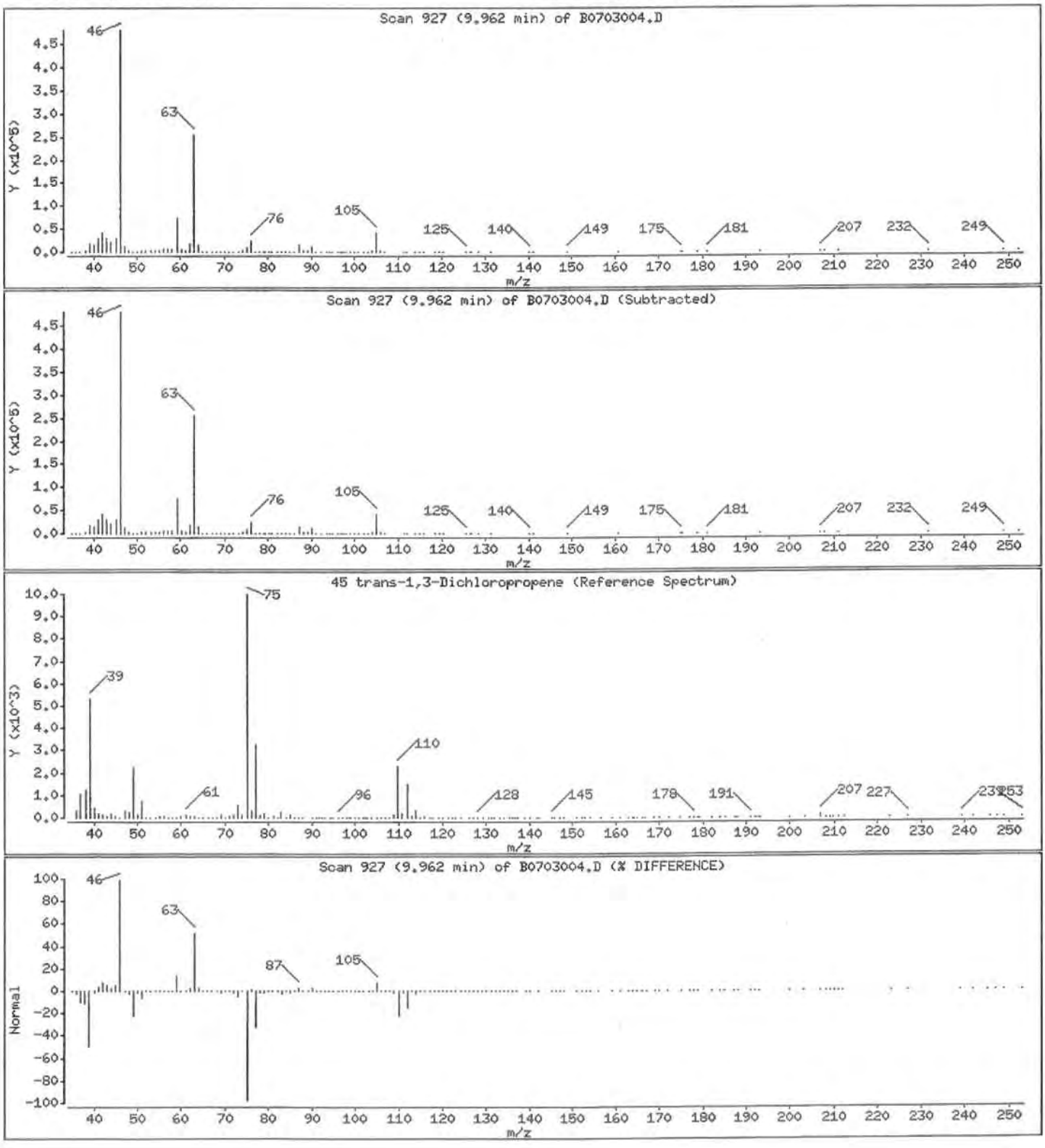
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

45 trans-1,3-Dichloropropene

Concentration: 0.2103 ug/L



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Date : 14-FEB-2007 17:48

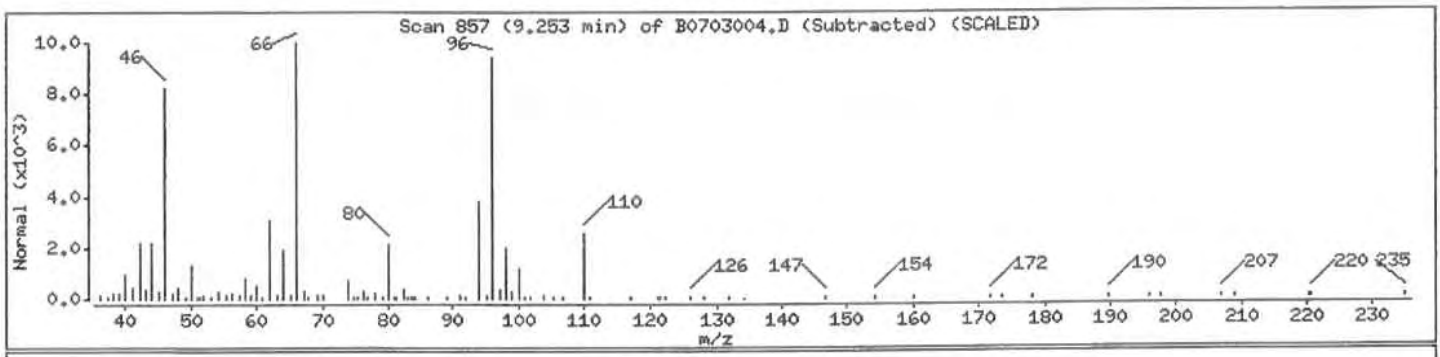
Client ID: Y34W3 Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-004

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 14-FEB-2007 17:48

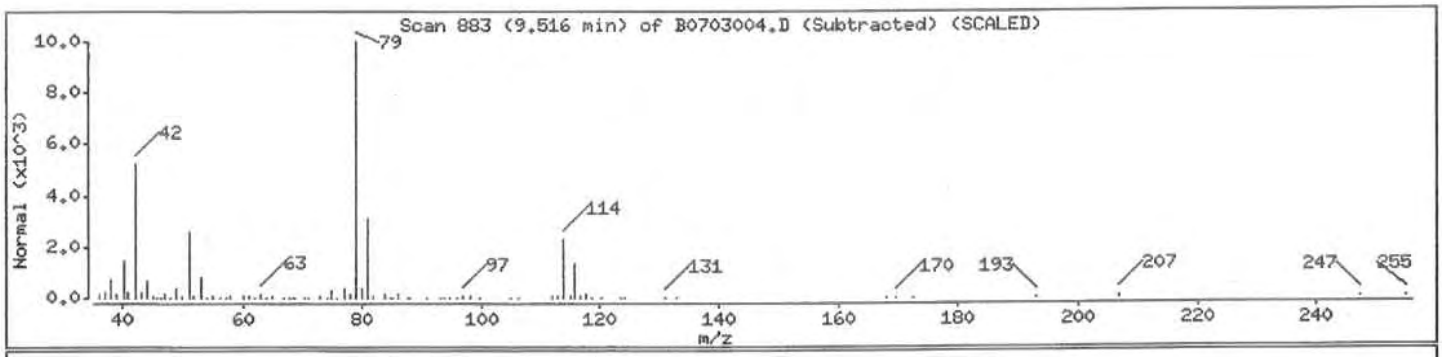
Client ID: Y34W3 Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-004

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 14-FEB-2007 17:48

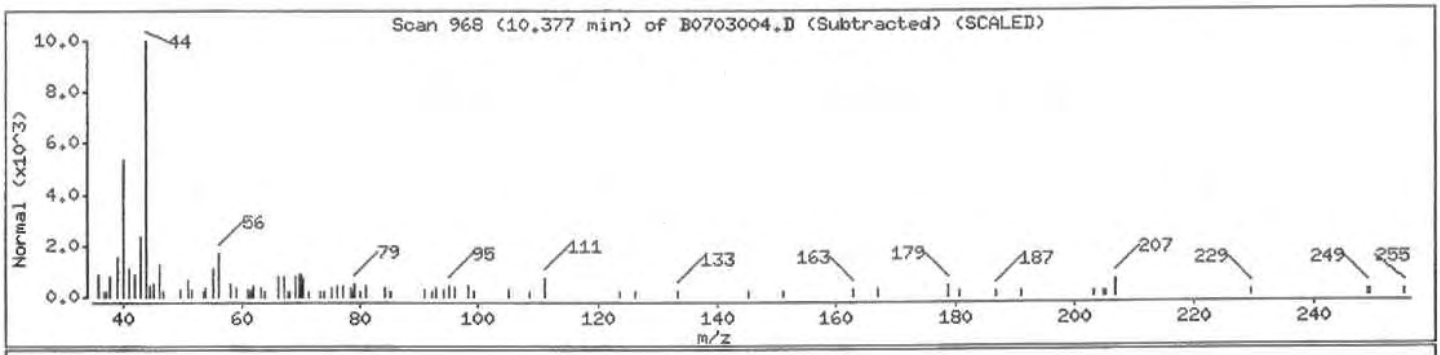
Client ID: Y34W3 Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-004

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 14-FEB-2007 17:48

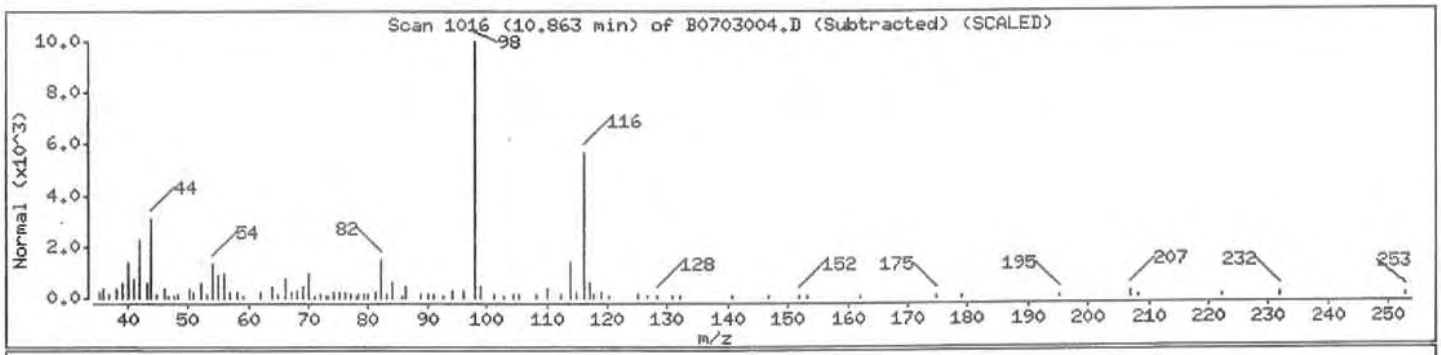
Client ID: Y34W3 Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-004

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 14-FEB-2007 17:48

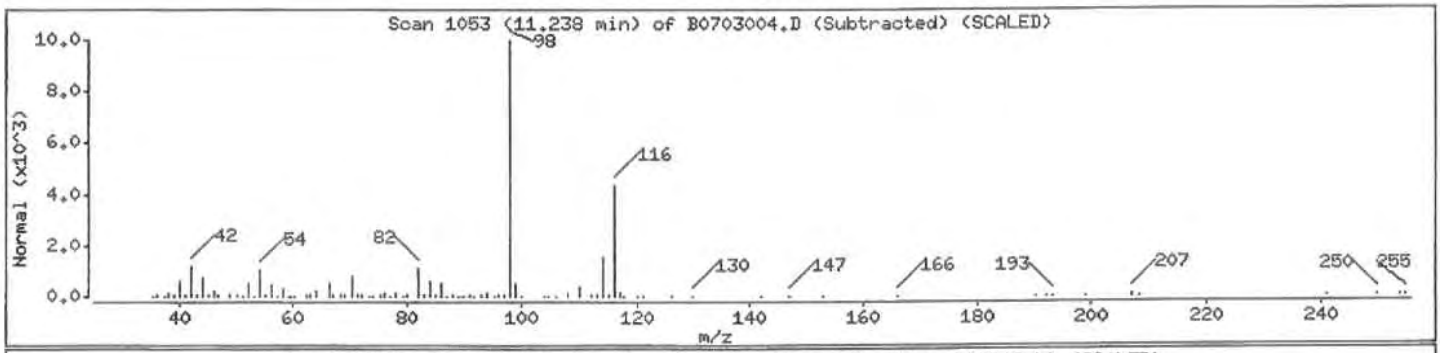
Client ID: Y34W3 Instrument: msd8.i

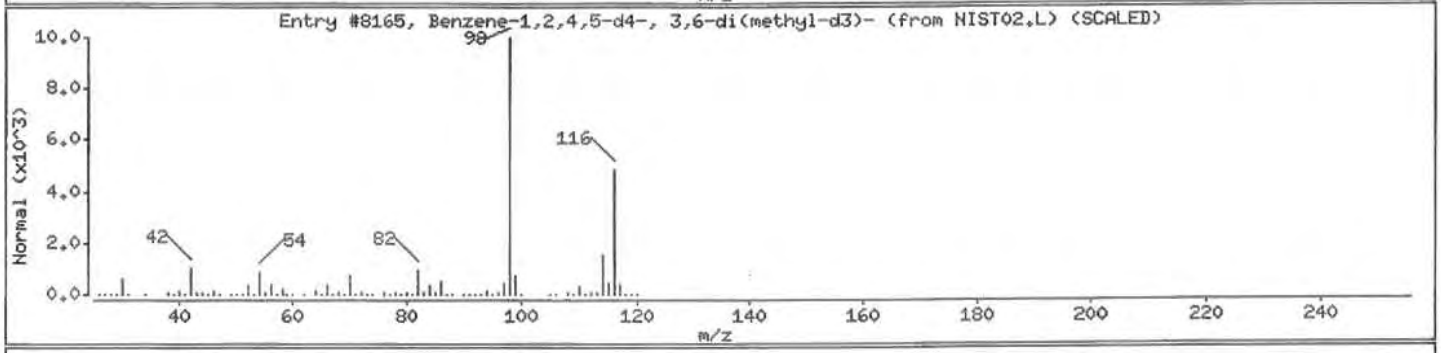
Sample Info: 8feb1407.b, IB07030-004

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene-1,2,4,5-d4-, 3,6-di(methyl-d3)-	41051-88-1	NIST02.L	8165	90	C8D10	116





Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703004.D

Date : 14-FEB-2007 17:48

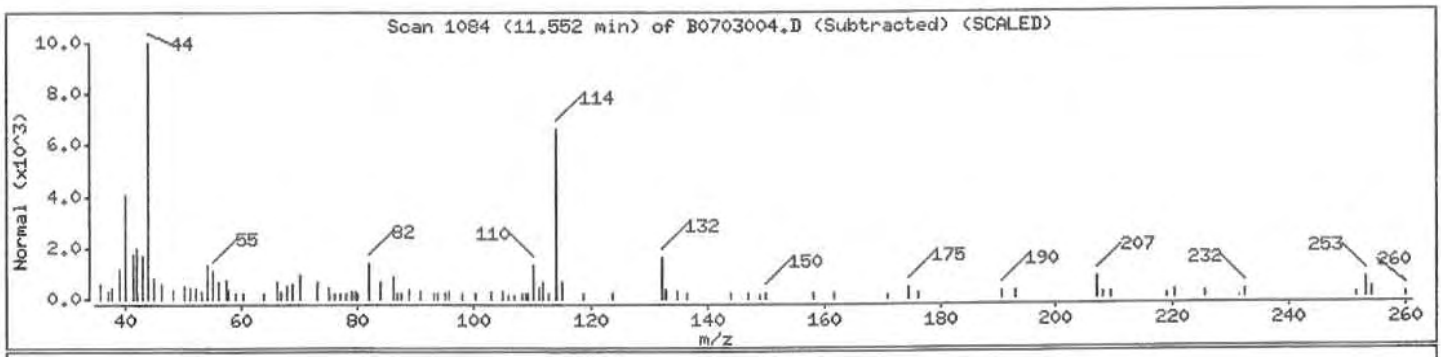
Client ID: Y34W3 Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-004

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 14-FEB-2007 17:48

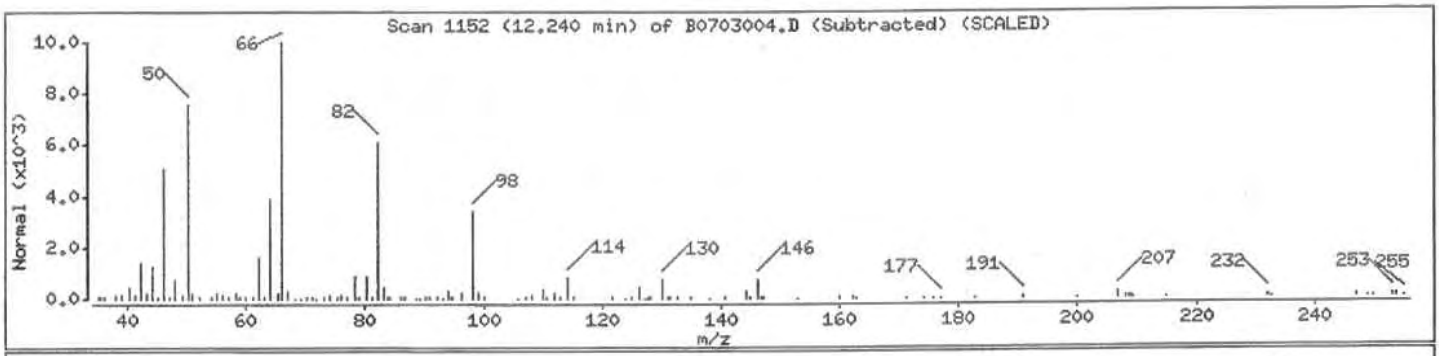
Client ID: Y34W3 Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-004

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W4

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-005

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703005

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	1.2	JB
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.069	JB
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W4

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-005

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703005

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.21	J
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W4

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-005

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703005

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
Y34W4

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-005

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703005

Level: (TRACE or LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	12.240	0.83	JB
02		Unknown-02	12.443	6.5	J
03		Unknown-03	12.807	8.5	J
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0703005.D
Lab Smp Id: IB07030-005 Client Smp ID: Y34W4
Inj Date : 14-FEB-2007 18:10
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB07030-005
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 63
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
1	Dichlorodifluoromethane	85	Compound Not Detected.					
2	Chloromethane	50	Compound Not Detected.					
$ 3	Vinyl Chloride-d3	65	1.911	1.921	(0.267)	161827	6.54918	6.5491
4	Vinyl Chloride	62	Compound Not Detected.					
5	Bromomethane	94	Compound Not Detected.					
$ 6	Chloroethane-d5	69	2.336	2.336	(0.327)	128787	5.72646	5.7264
7	Chloroethane	64	Compound Not Detected.					
8	Trichlorofluoromethane	101	Compound Not Detected.					
$ 9	1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	305965	4.80962	4.8096
11	1,1-Dichloroethene	96	Compound Not Detected.					
10	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
12	Acetone	43	3.288	3.288	(0.460)	4246	1.19435	1.1943(a)
13	Carbon Disulfide	76	Compound Not Detected.					
14	Methyl Acetate	43	Compound Not Detected.					
15	Methylene Chloride	84	Compound Not Detected.					
16	Methyl tert-Butyl Ether	73	Compound Not Detected.					
17	trans-1,2-Dichloroethene	96	Compound Not Detected.					
18	1,1-Dichloroethane	63	Compound Not Detected.					
$ 19	2-Butanone-d5	46	5.465	5.466	(0.765)	542356	56.8964	56.8963(Q)
20	cis-1,2-Dichloroethene	96	Compound Not Detected.					
21	2-Butanone	43	Compound Not Detected.					
22	Bromochloromethane	128	Compound Not Detected.					
$ 23	Chloroform-d	84	5.881	5.881	(0.823)	332199	5.51838	5.5183(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	24 Chloroform	83	5.911	5.911	(0.827)	4384	0.06924	0.0692(aQ)
	25 1,1,1-Trichloroethane	97	Compound Not Detected.					
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon Tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	175540	5.70944	5.7094(Q)
$	29 Benzene-d6	84	6.529	6.529	(0.608)	735099	5.81238	5.8123
	30 Benzene	78	Compound Not Detected.					
	31 1,2-Dichloroethane	62	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	7.146	7.146	(1.000)	557728	5.00000	
	33 Trichloroethene	95	Compound Not Detected.					
$	34 1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	231406	5.62877	5.6287
	35 Methylcyclohexane	83	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
$	39 1,4-Dioxane-d8	96	7.926	7.916	(1.109)	26901	228.310	228.3099(Q)
	38 1,4-Dioxane	88	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
$	40 trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	102407	4.35719	4.3571
	41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	43 Toluene-d8	98	9.080	9.081	(0.846)	641678	5.58671	5.5867
	44 Toluene	91	Compound Not Detected.					
	45 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	46 1,1,2-Trichloroethane	97	Compound Not Detected.					
	47 Tetrachloroethene	164	9.799	9.800	(0.913)	6448	0.21167	0.2116(a)
$	48 2-Hexanone-d5	63	9.961	9.962	(0.928)	579097	52.3442	52.3442
	49 2-Hexanone	43	Compound Not Detected.					
	50 Dibromochloromethane	129	Compound Not Detected.					
	51 1,2-Dibromoethane	107	Compound Not Detected.					
*	52 Chlorobenzene-d5	117	10.731	10.731	(1.000)	500034	5.00000	
	53 Chlorobenzene	112	Compound Not Detected.					
	54 Ethylbenzene	91	Compound Not Detected.					
	55 m+p-Xylenes	106	Compound Not Detected.					
	56 o-Xylene	106	Compound Not Detected.					
	57 Styrene	104	Compound Not Detected.					
	58 Bromoform	173	Compound Not Detected.					
	59 Isopropylbenzene	105	Compound Not Detected.					
$	60 1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	153201	4.91161	4.9116
	61 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	62 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	63 1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	235585	5.00000	
	64 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	65 1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	212389	5.23013	5.2301
	66 1,2-Dichlorobenzene	146	Compound Not Detected.					
	67 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
	68 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	69 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
	72 tert-butyl alcohol	59	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0703005.D
Lab Smp Id: IB07030-005 Client Smp ID: Y34W4
Inj Date : 14-FEB-2007 18:10
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB07030-005
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 63
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

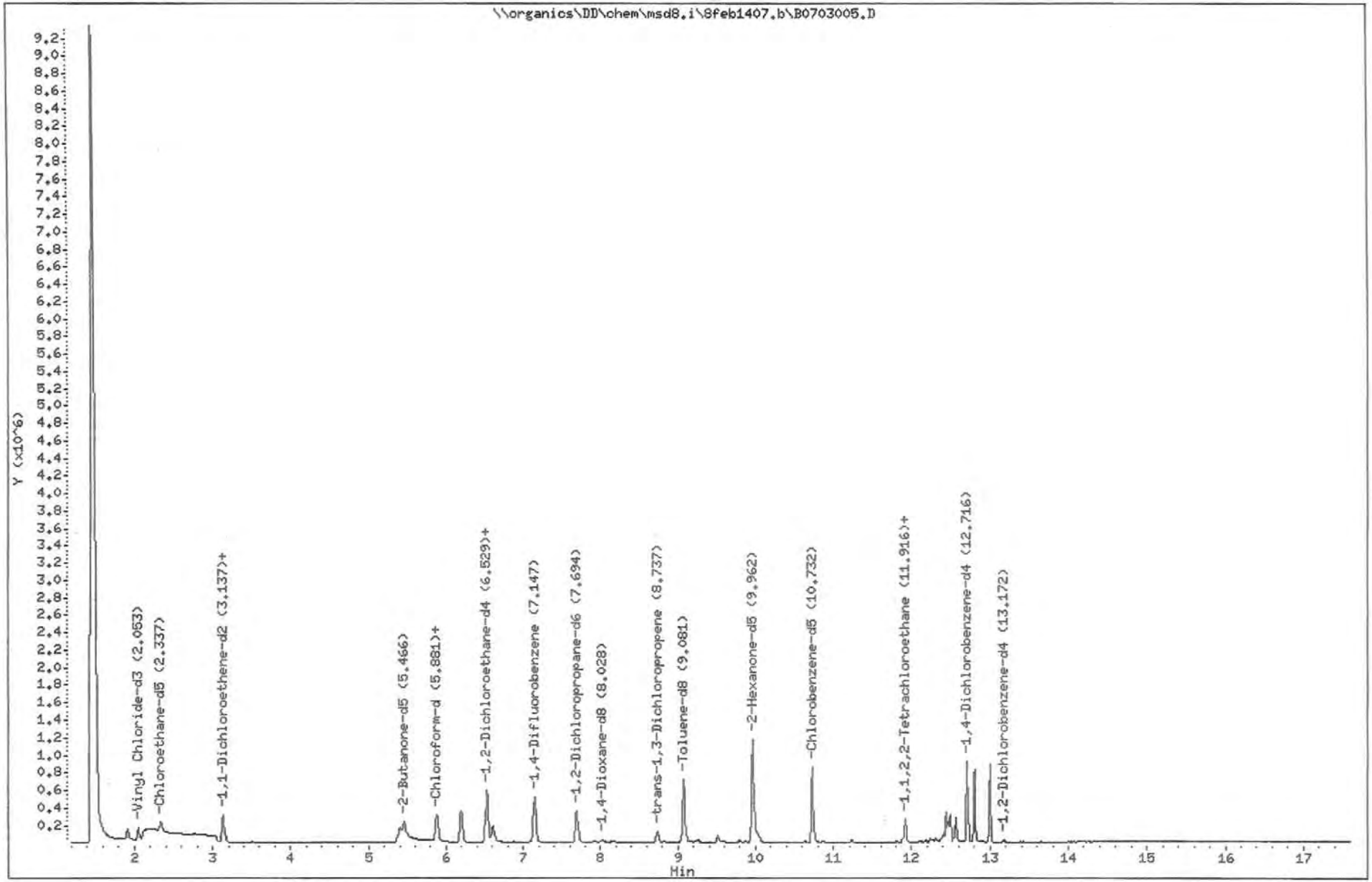
Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 63 1,4-Dichlorobenzene-d4	12.716	1535175	5.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
12.240	255563	0.83235645	0.8323	0		0	63
Unknown				CAS #:			
12.443	2007122	6.53710794	6.5371	0		0	63
Unknown				CAS #:			
12.807	2599686	8.46706303	8.4670	0		0	63

Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703005.D
Date : 14-FEB-2007 18:10
Client ID: Y34W4
Sample Info: 8feb1407.b, IB07030-005
Purge Volume: 25.0
Column phase: DB-624

Instrument: msd8.i
Operator: DLB
Column diameter: 0.25



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703005.D

Date : 14-FEB-2007 18:10

Client ID: Y34W4

Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-005

Purge Volume: 25.0

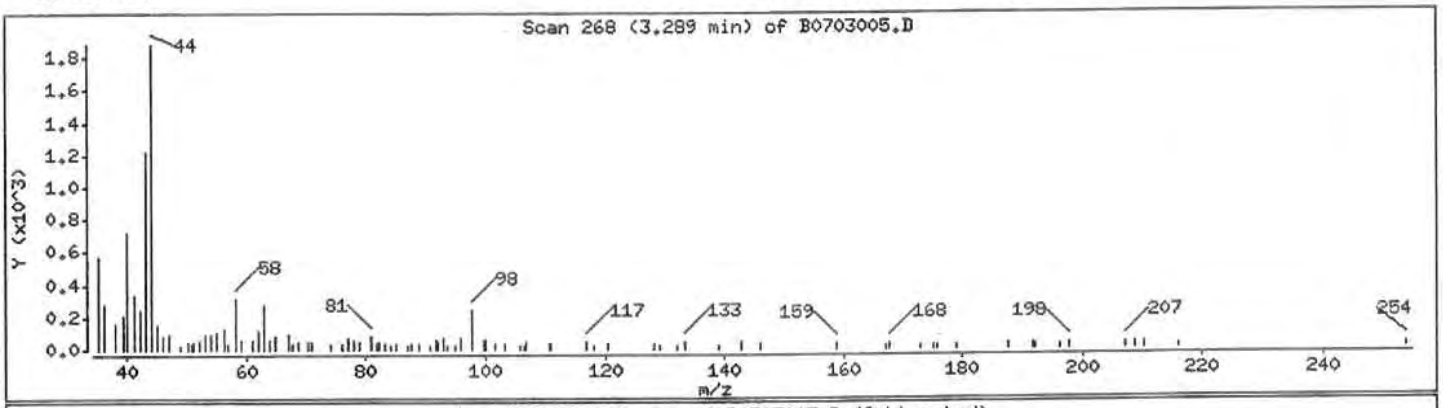
Operator: DLB

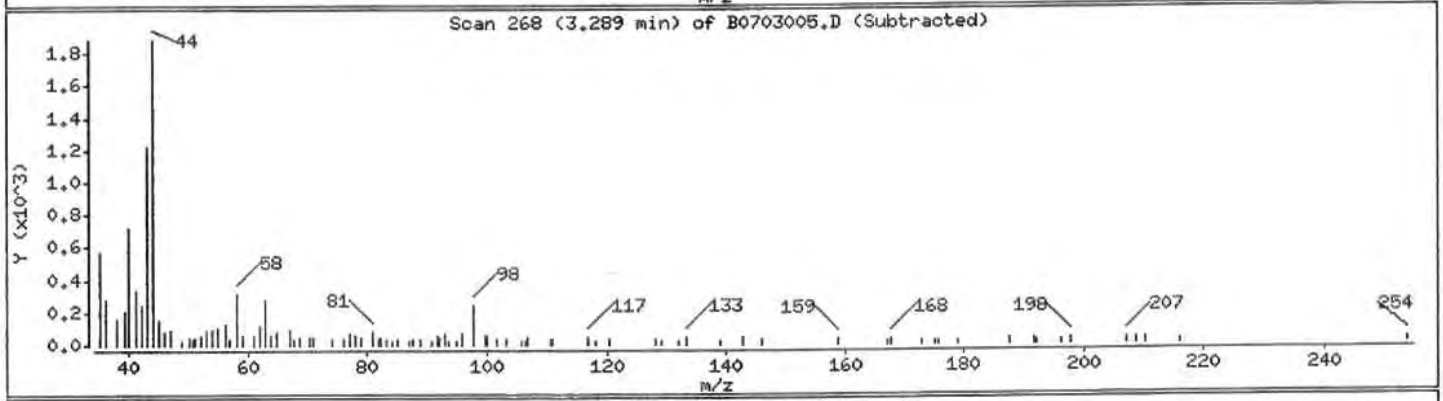
Column phase: DB-624

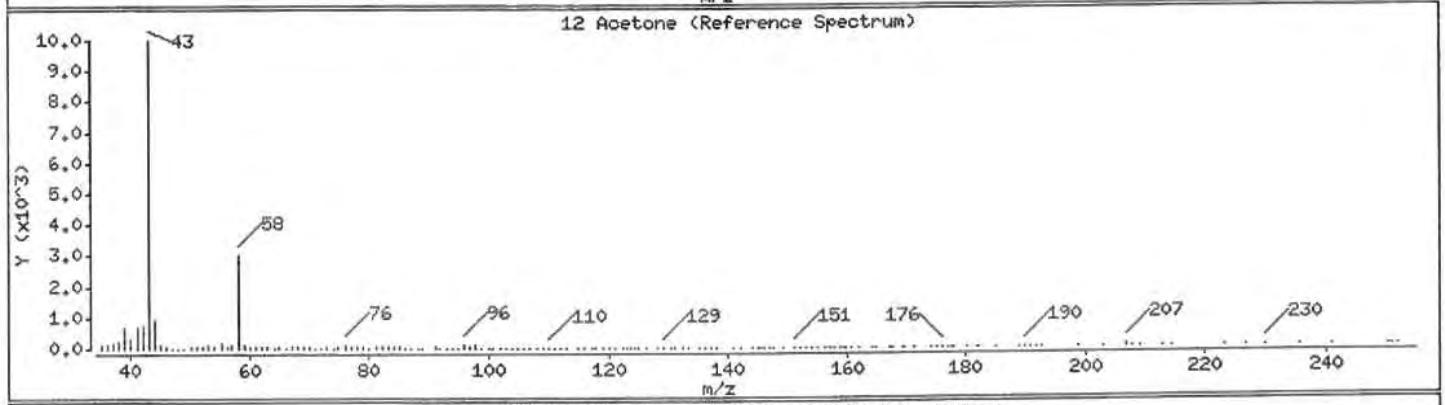
Column diameter: 0.25

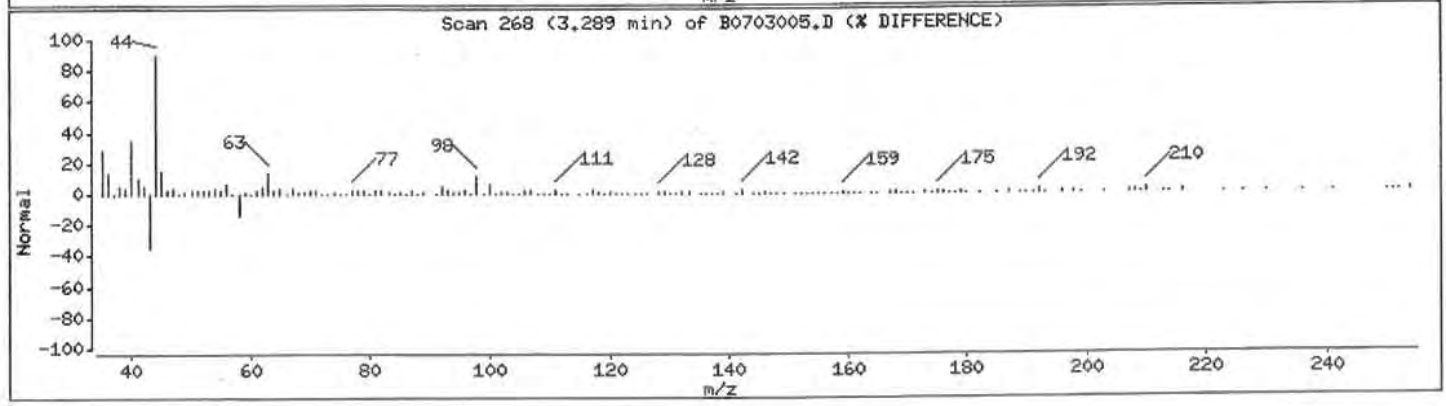
12 Acetone

Concentration: 1.1943 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703005.D

Date : 14-FEB-2007 18:10

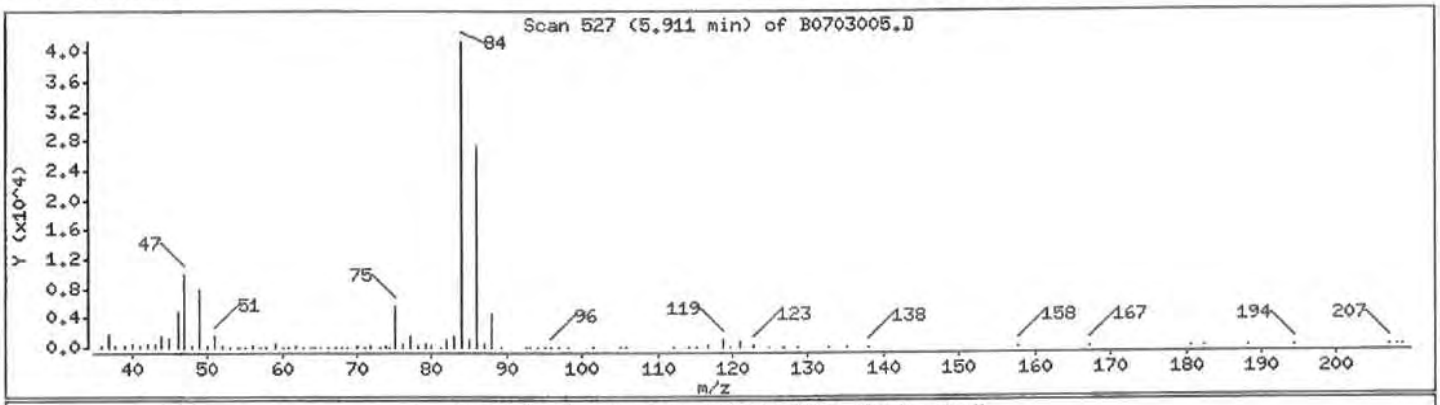
Client ID: Y34W4 Instrument: msd8.i

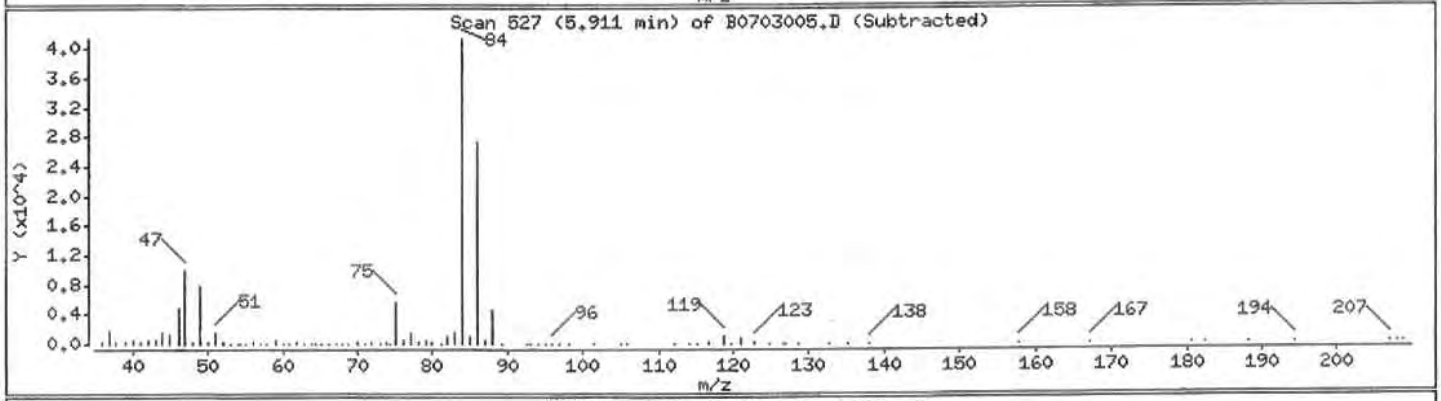
Sample Info: 8feb1407.b, IB07030-005

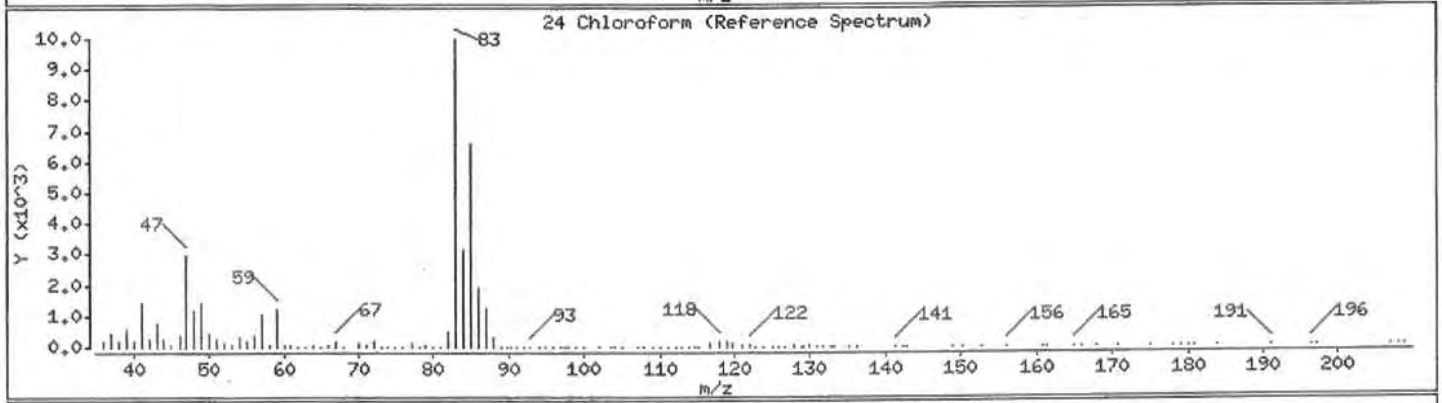
Purge Volume: 25.0 Operator: DLB

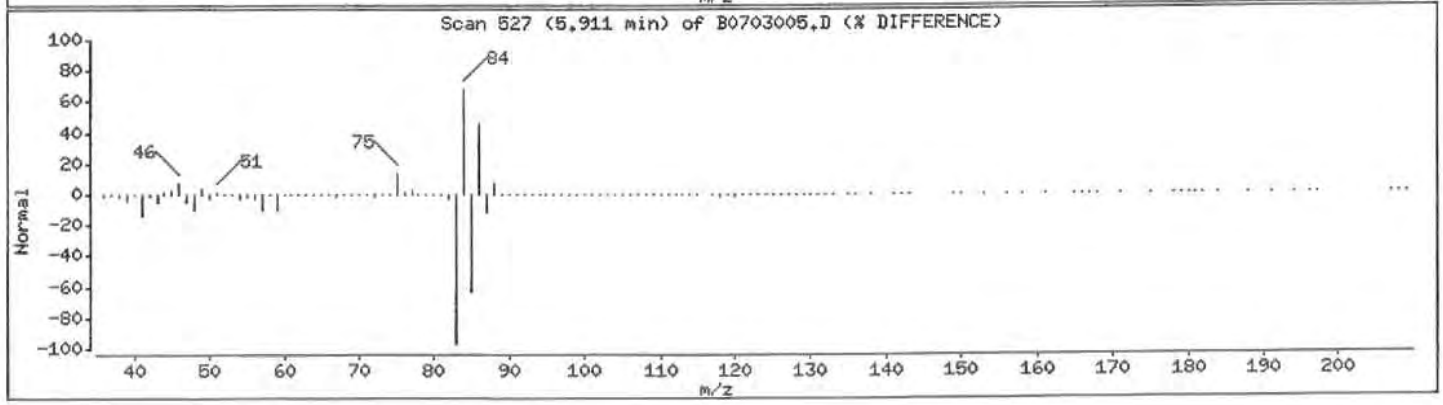
Column phase: DB-624 Column diameter: 0.25

24 Chloroform Concentration: 0.0692 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703005.D

Date : 14-FEB-2007 18:10

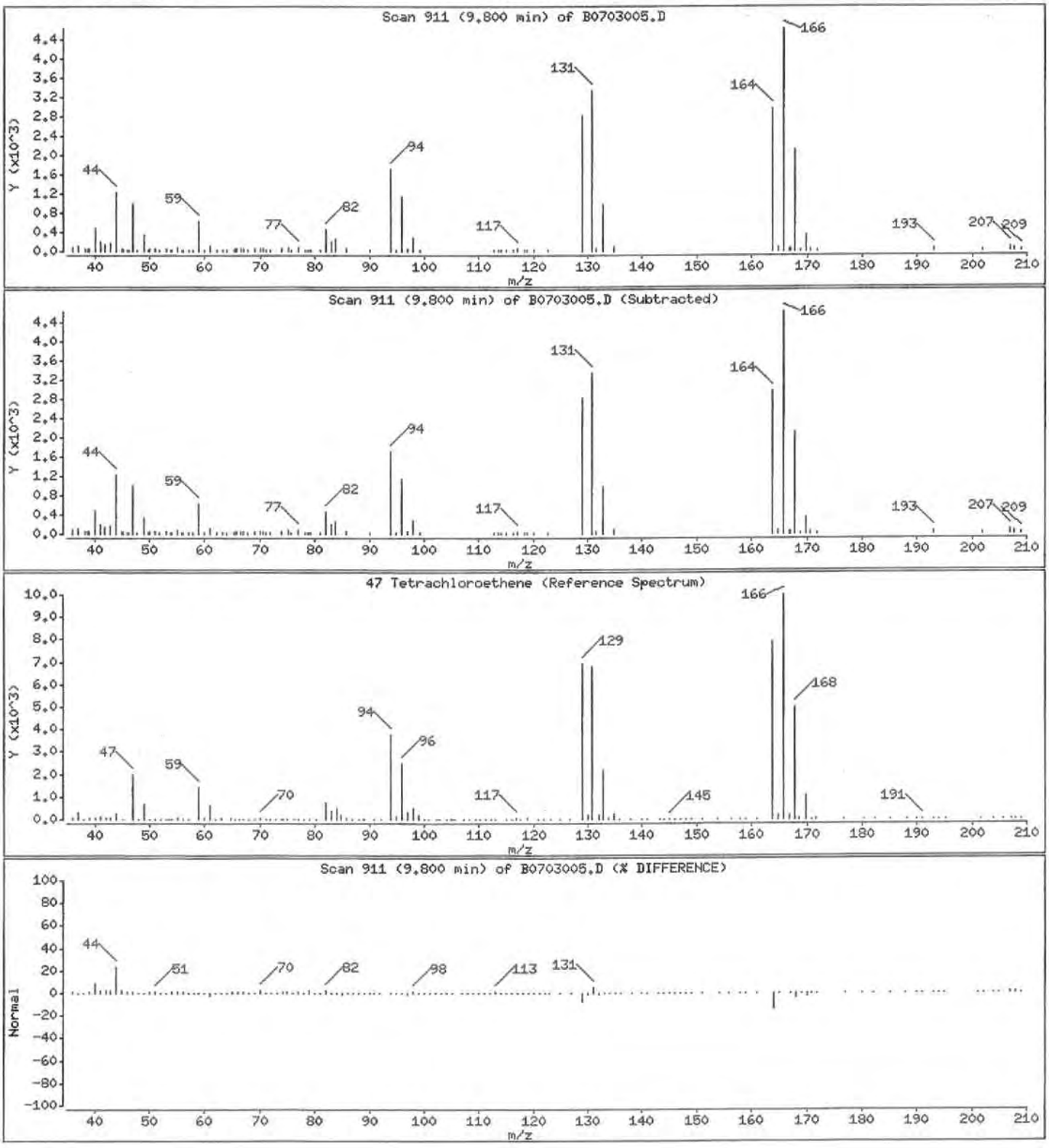
Client ID: Y34W4 Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-005

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

47 Tetrachloroethene Concentration: 0.2116 ug/L



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703005.D

Date : 14-FEB-2007 18:10

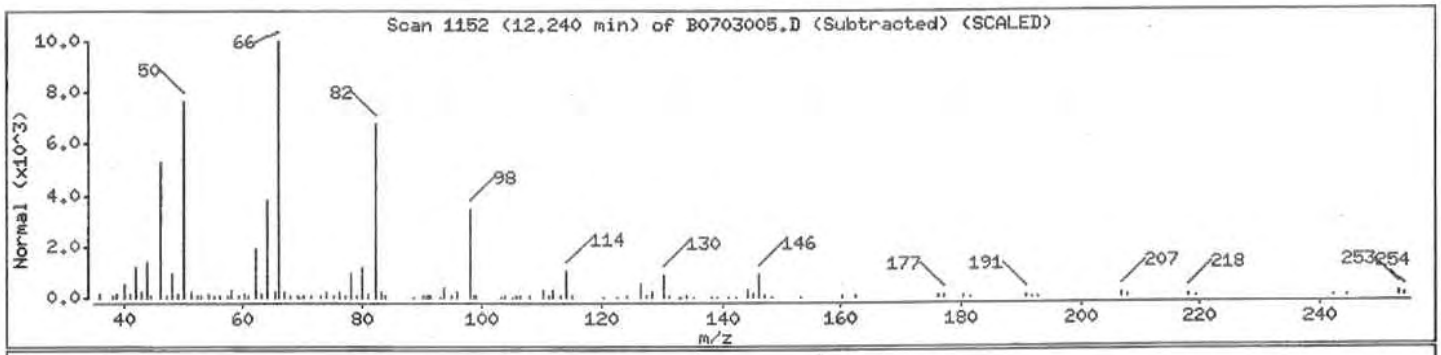
Client ID: Y34W4 Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-005

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703005.D

Date : 14-FEB-2007 18:10

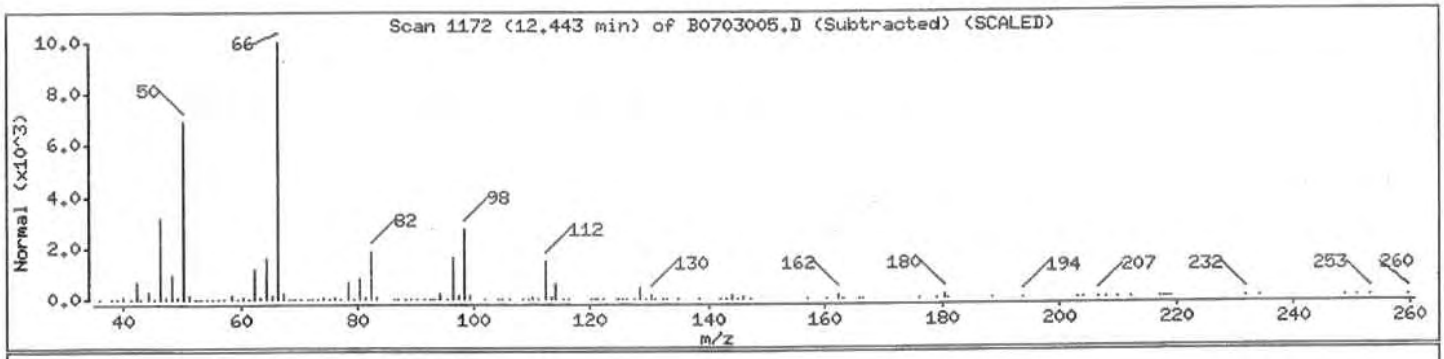
Client ID: Y34W4 Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-005

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W5

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-006

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703006

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	1.1	JB
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W5

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-006

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703006

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.20	J
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W5

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-006

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703006

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
Y34W5

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-006

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703006

Level: (TRACE or LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	9.516	40	J
02		Unknown-02	10.863	300	J
03		Unknown-03	11.238	17	J
04		Unknown-04	11.541	3.6	J
05		Unknown-05	12.119	2.0	J
06		Unknown-06	12.807	8.1	J
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0703006.D
Lab Smp Id: IB07030-006 Client Smp ID: Y34W5
Inj Date : 14-FEB-2007 18:33
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB07030-006
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 64
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
1	Dichlorodifluoromethane	85	Compound Not Detected.					
2	Chloromethane	50	Compound Not Detected.					
$ 3	Vinyl Chloride-d3	65	1.911	1.921	(0.267)	158058	6.71519	6.7151
4	Vinyl Chloride	62	Compound Not Detected.					
5	Bromomethane	94	Compound Not Detected.					
$ 6	Chloroethane-d5	69	2.336	2.336	(0.327)	125612	5.86342	5.8634
7	Chloroethane	64	Compound Not Detected.					
8	Trichlorofluoromethane	101	Compound Not Detected.					
$ 9	1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	291712	4.81392	4.8139
11	1,1-Dichloroethene	96	Compound Not Detected.					
10	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
12	Acetone	43	3.288	3.288	(0.460)	3695	1.09112	1.0911(a)
13	Carbon Disulfide	76	Compound Not Detected.					
14	Methyl Acetate	43	Compound Not Detected.					
15	Methylene Chloride	84	Compound Not Detected.					
16	Methyl tert-Butyl Ether	73	Compound Not Detected.					
17	trans-1,2-Dichloroethene	96	Compound Not Detected.					
18	1,1-Dichloroethane	63	Compound Not Detected.					
$ 19	2-Butanone-d5	46	5.465	5.466	(0.765)	454930	50.1015	50.1014(Q)
20	cis-1,2-Dichloroethene	96	Compound Not Detected.					
21	2-Butanone	43	Compound Not Detected.					
22	Bromochloromethane	128	Compound Not Detected.					
$ 23	Chloroform-d	84	5.880	5.881	(0.823)	312932	5.45718	5.4571(Q)
24	Chloroform	83	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
25	1,1,1-Trichloroethane	97	Compound Not Detected.					
26	Cyclohexane	56	Compound Not Detected.					
27	Carbon Tetrachloride	117	Compound Not Detected.					
$ 28	1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	168395	5.74979	5.7497(Q)
$ 29	Benzene-d6	84	6.529	6.529	(0.608)	682530	5.52411	5.5241
30	Benzene	78	Compound Not Detected.					
31	1,2-Dichloroethane	62	Compound Not Detected.					
* 32	1,4-Difluorobenzene	114	7.146	7.146	(1.000)	531272	5.00000	
33	Trichloroethene	95	Compound Not Detected.					
$ 34	1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	226354	5.63585	5.6358
35	Methylcyclohexane	83	Compound Not Detected.					
36	1,2-Dichloropropane	63	Compound Not Detected.					
$ 39	1,4-Dioxane-d8	96	7.946	7.916	(1.112)	24315	216.639	216.6387(Q)
38	1,4-Dioxane	88	Compound Not Detected.					
37	Bromodichloromethane	83	Compound Not Detected.					
$ 40	trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	97667	4.25361	4.2536
41	cis-1,3-Dichloropropene	75	Compound Not Detected.					
42	4-Methyl-2-pentanone	43	Compound Not Detected.					
$ 43	Toluene-d8	98	9.080	9.081	(0.846)	616678	5.49579	5.4957
44	Toluene	91	Compound Not Detected.					
45	trans-1,3-Dichloropropene	75	Compound Not Detected.					
46	1,1,2-Trichloroethane	97	Compound Not Detected.					
47	Tetrachloroethene	164	9.799	9.800	(0.913)	6070	0.20397	0.2039(a)
$ 48	2-Hexanone-d5	63	9.961	9.962	(0.928)	541986	50.1462	50.1461
49	2-Hexanone	43	Compound Not Detected.					
50	Dibromochloromethane	129	Compound Not Detected.					
51	1,2-Dibromoethane	107	Compound Not Detected.					
* 52	Chlorobenzene-d5	117	10.731	10.731	(1.000)	488503	5.00000	
53	Chlorobenzene	112	Compound Not Detected.					
54	Ethylbenzene	91	Compound Not Detected.					
55	m+p-Xylenes	106	Compound Not Detected.					
56	o-Xylene	106	Compound Not Detected.					
57	Styrene	104	Compound Not Detected.					
58	Bromoform	173	Compound Not Detected.					
59	Isopropylbenzene	105	Compound Not Detected.					
$ 60	1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	147155	4.82914	4.8291
61	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
62	1,3-Dichlorobenzene	146	Compound Not Detected.					
* 63	1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	229527	5.00000	
64	1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 65	1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	204221	5.16173	5.1617
66	1,2-Dichlorobenzene	146	Compound Not Detected.					
67	1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
68	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
69	1,2,3-Trichlorobenzene	180	Compound Not Detected.					
72	tert-butyl alcohol	59	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0703006.D
Lab Smp Id: IB07030-006 Client Smp ID: Y34W5
Inj Date : 14-FEB-2007 18:33
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB07030-006
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 64
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

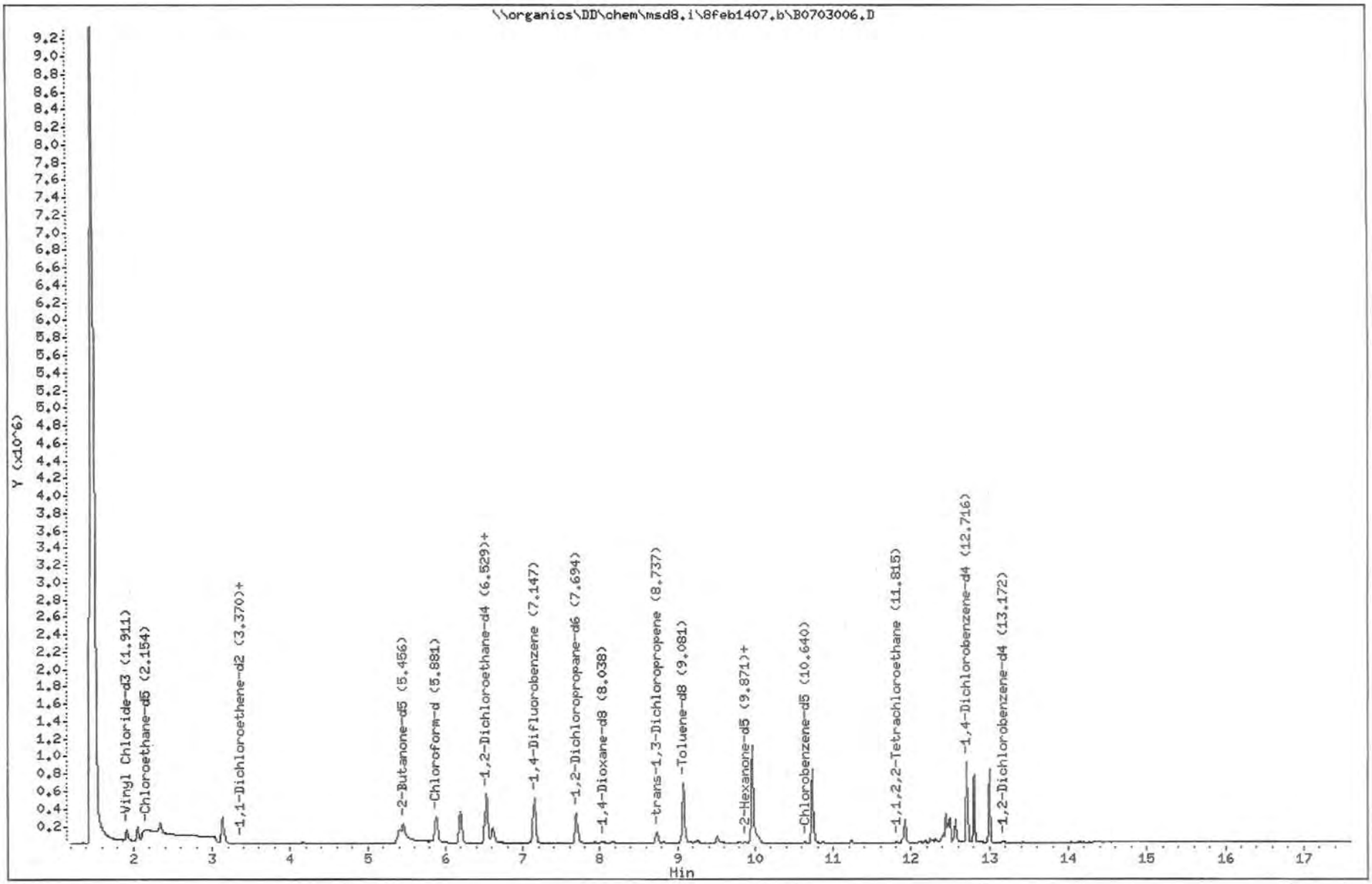
ISTD	RT	AREA	AMOUNT
* 52 Chlorobenzene-d5	10.731	26061	5.000
* 63 1,4-Dichlorobenzene-d4	12.716	1542393	5.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
9.516	210295	40.3462562	40.3462	0		0	52
Unknown				CAS #:			
10.863	1586692	304.415423	304.4154	0		0	52
Unknown				CAS #:			
11.238	90773	17.4152653	17.4152	0		0	52
Unknown				CAS #:			
11.542	18656	3.57917336	3.5791	0		0	52
Unknown				CAS #:			
12.119	611883	1.98354904	1.9835	0		0	63

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Unknown				CAS #:			
12.807	2502193	8.11139868	8.1113	0		0	63

Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703006.D
Date : 14-FEB-2007 18:33
Client ID: Y34W5
Sample Info: 8feb1407.b, IB07030-006
Purge Volume: 25.0
Column phase: DB-624

Instrument: msd8.i
Operator: DLB
Column diameter: 0.25



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703006.D

Date : 14-FEB-2007 18:33

Client ID: Y34W5

Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-006

Purge Volume: 25.0

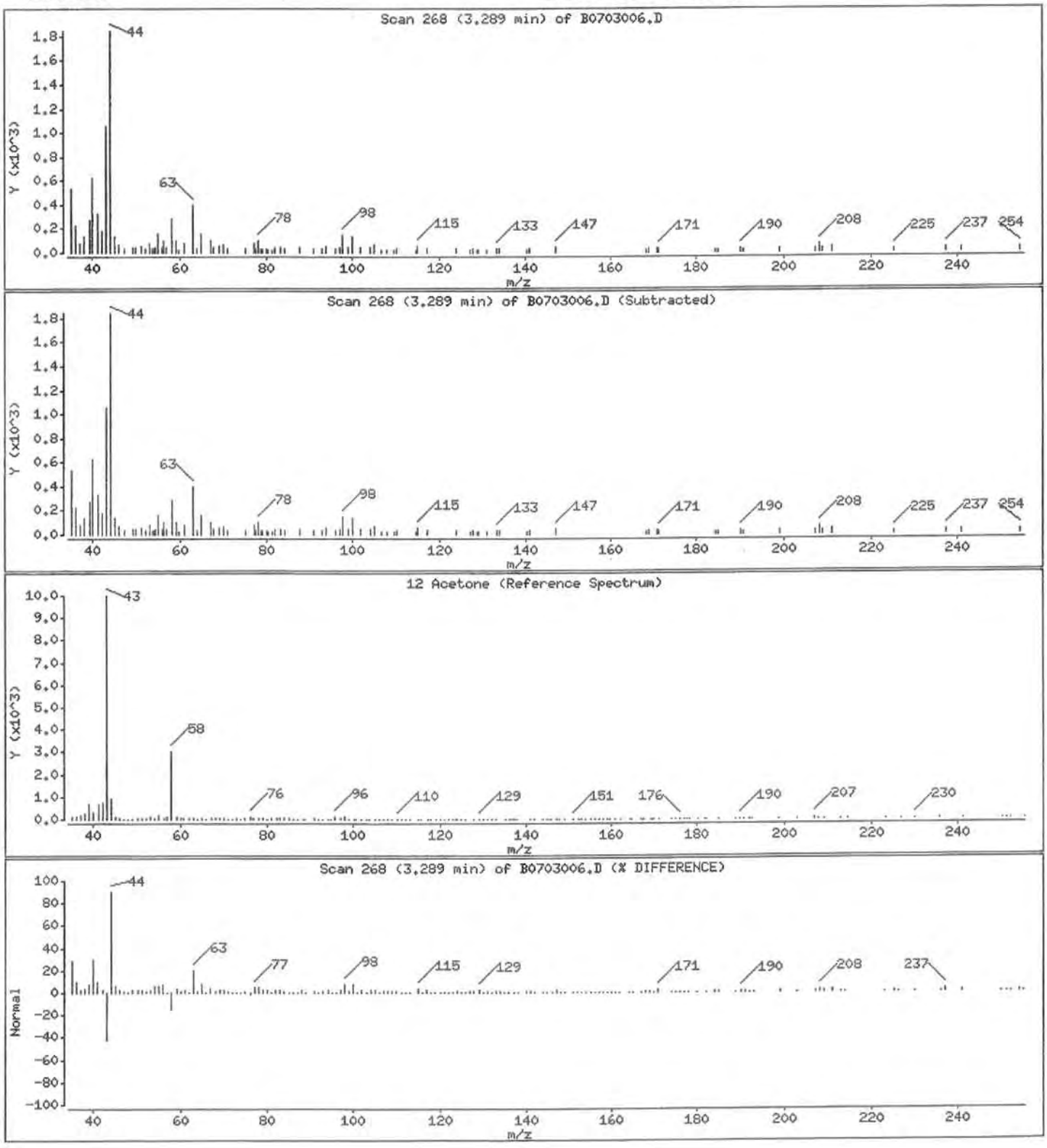
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

12 Acetone

Concentration: 1.0911 ug/L



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703006.D

Date : 14-FEB-2007 18:33

Client ID: Y34W5

Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-006

Purge Volume: 25.0

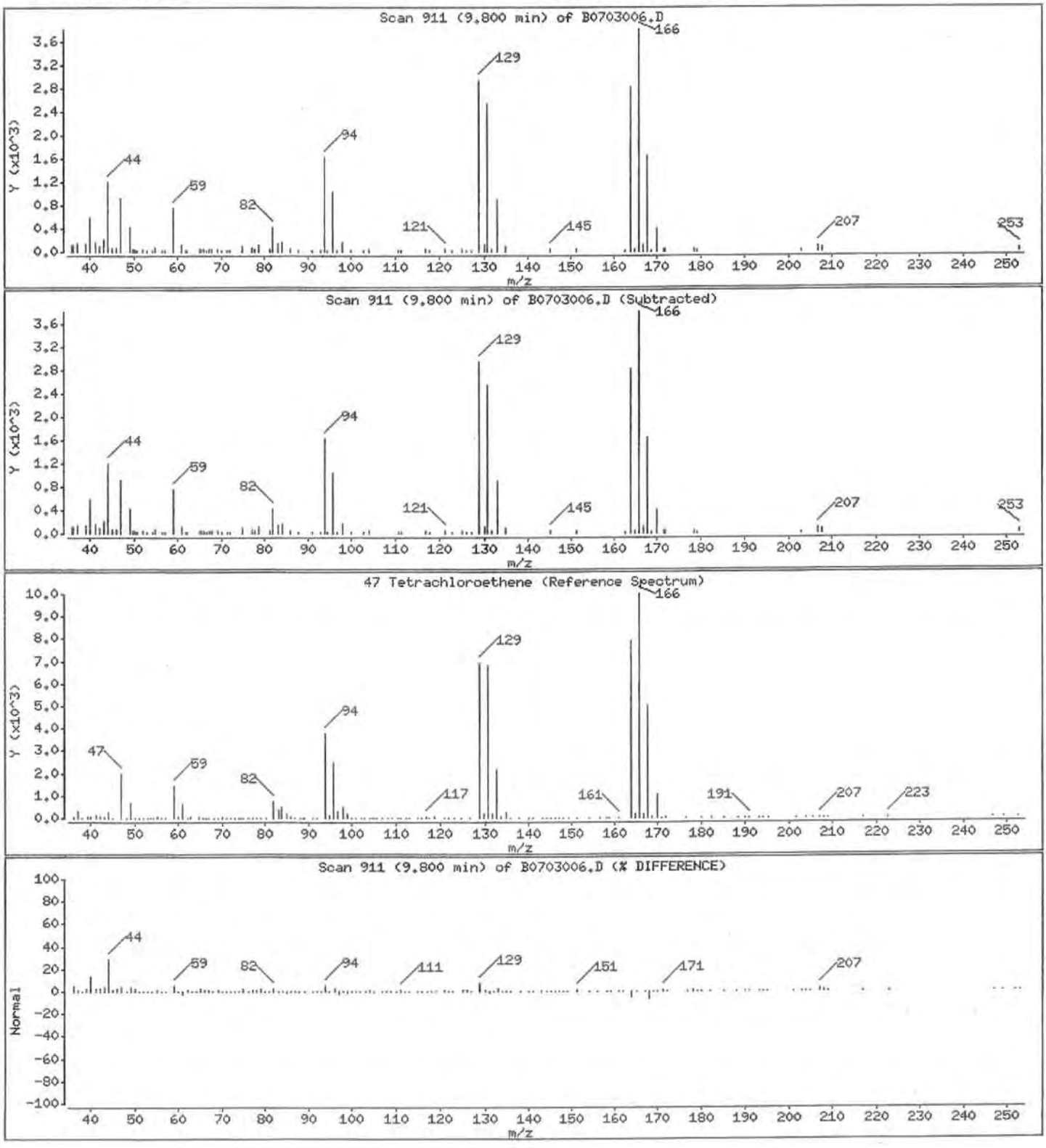
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

47 Tetrachloroethene

Concentration: 0.2039 ug/L



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703006.D

Date : 14-FEB-2007 18:33

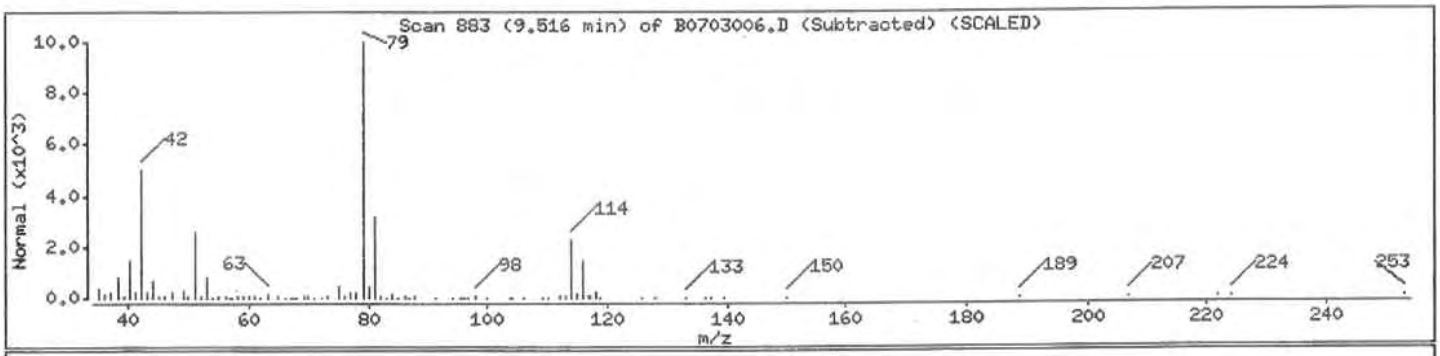
Client ID: Y34W5 Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-006

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703006.D

Date : 14-FEB-2007 18:33

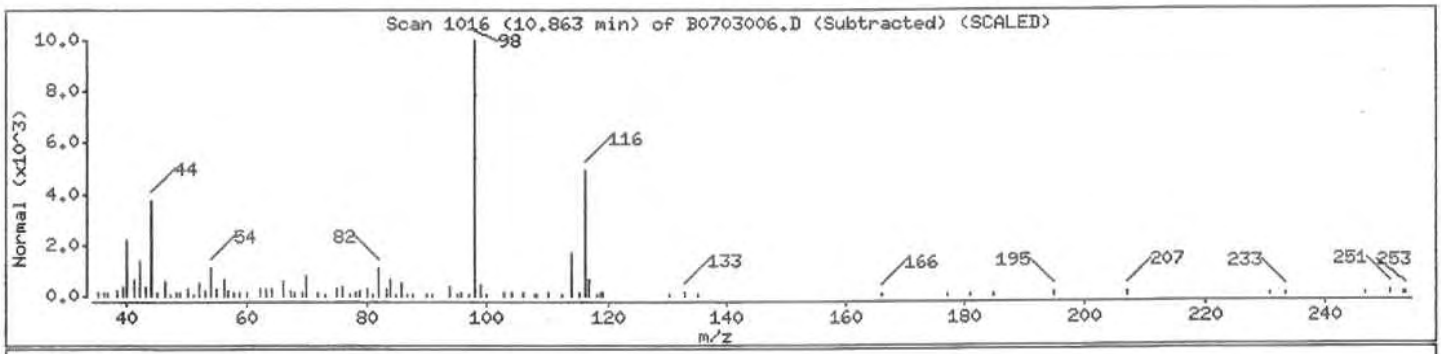
Client ID: Y34W5 Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-006

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703006.D

Date : 14-FEB-2007 18:33

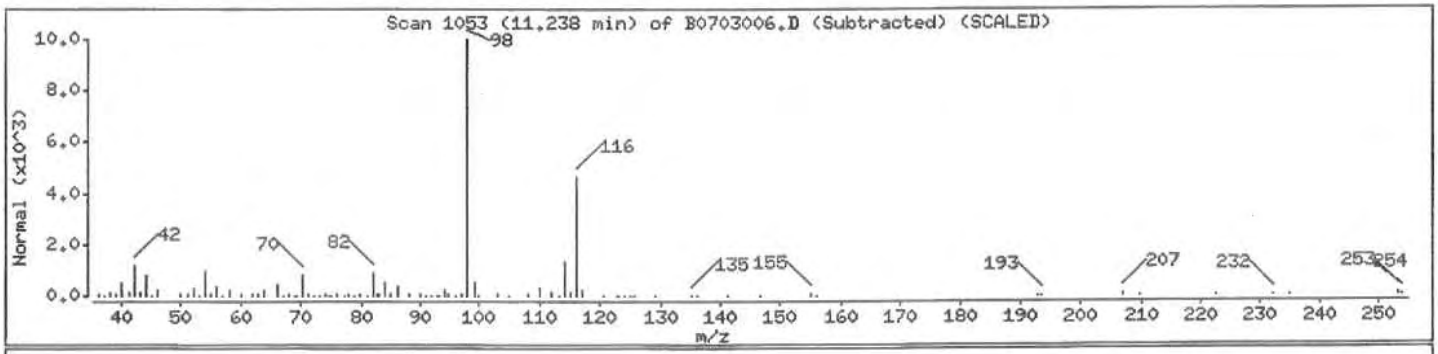
Client ID: Y34W5 Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-006

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703006.D

Date : 14-FEB-2007 18:33

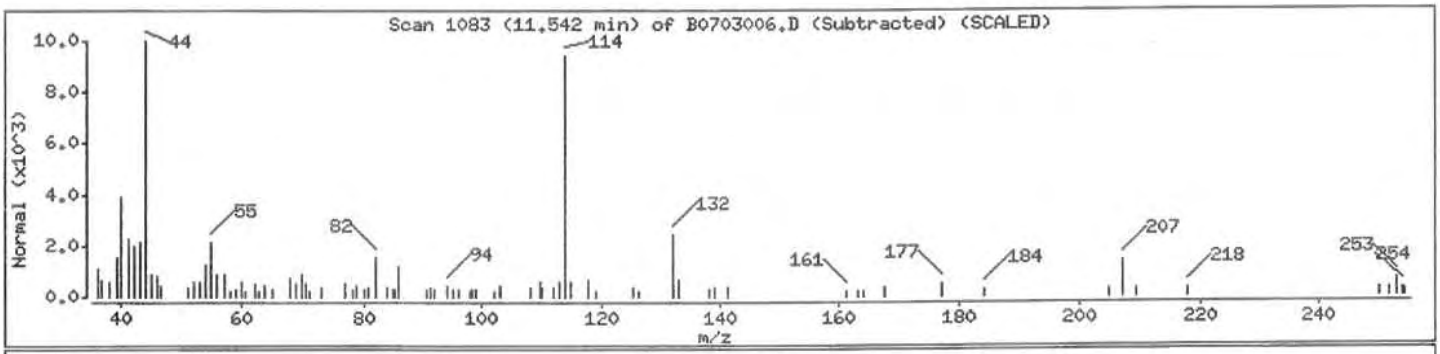
Client ID: Y34W5 Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-006

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703006.D

Date : 14-FEB-2007 18:33

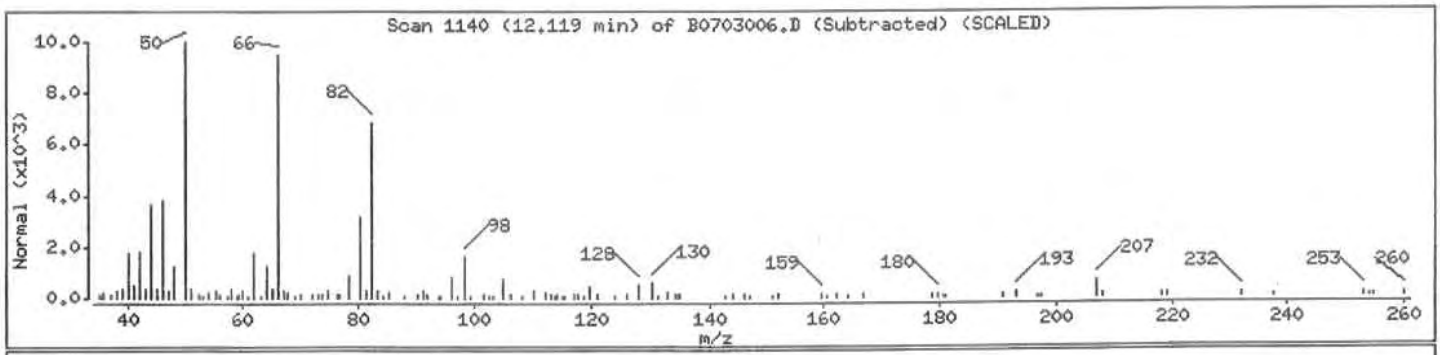
Client ID: Y34W5 Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-006

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0703006.D

Date : 14-FEB-2007 18:33

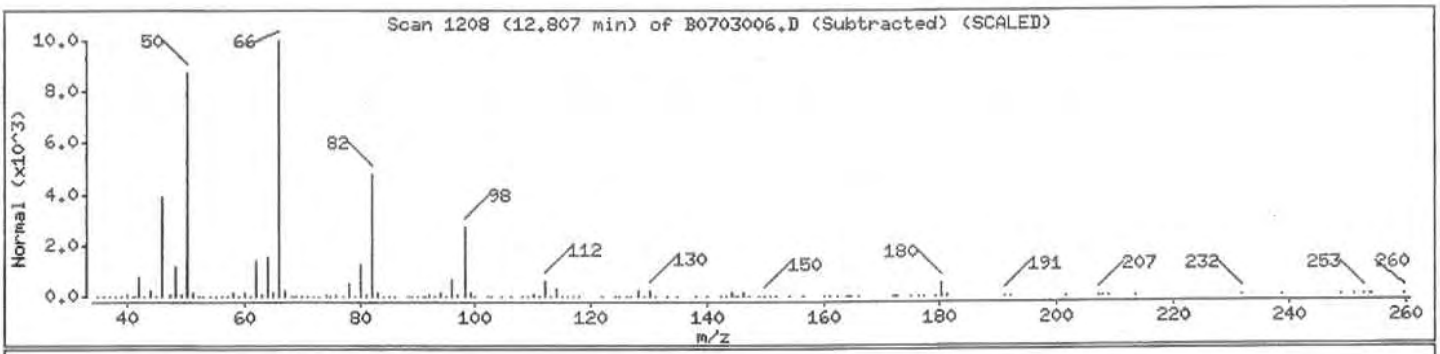
Client ID: Y34W5 Instrument: msd8.i

Sample Info: 8feb1407.b, IB07030-006

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W6

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-007

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703007

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/15/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.083	J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	0.83	JB
75-15-0	Carbon disulfide	0.033	J
79-20-9	Methyl acetate	0.034	J
75-09-2	Methylene chloride	0.020	J
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.034	JB
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W6

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-007

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703007

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/15/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.027	J
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.13	J
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W6

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-007

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703007

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/15/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
Y34W6

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-007

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703007

Level: (TRACE or LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/15/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	10.863	320	J
02	41051-88-1	Benzene-1,2,4,5-d4-, 3,6-di(	11.238	15	NJ
03		Unknown-02	11.542	2.3	J
04		Unknown-03	12.443	3.8	JB
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1507.b\B0703007.D
Lab Smp Id: IB07030-007 Client Smp ID: Y34W6
Inj Date : 15-FEB-2007 09:30
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1507.b, IB07030-007
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb1507.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:18 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 49
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	Compound Not Detected.					
	2 Chloromethane	50	Compound Not Detected.					
$	3 Vinyl Chloride-d3	65	1.911	1.911	(0.267)	173048	7.03719	7.0371(R)
	4 Vinyl Chloride	62	Compound Not Detected.					
	5 Bromomethane	94	Compound Not Detected.					
$	6 Chloroethane-d5	69	2.336	2.336	(0.327)	140036	6.25678	6.2567
	7 Chloroethane	64	Compound Not Detected.					
	8 Trichlorofluoromethane	101	Compound Not Detected.					
$	9 1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	292699	4.62335	4.6233
	11 1,1-Dichloroethene	96	3.136	3.147	(0.439)	2470	0.08319	0.0831(aQ)
	10 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	12 Acetone	43	3.288	3.288	(0.460)	2938	0.83042	0.8304(a)
	13 Carbon Disulfide	76	3.410	3.410	(0.477)	3379	0.03301	0.0330(a)
	14 Methyl Acetate	43	3.683	3.663	(0.515)	883	0.03413	0.0341(a)
	15 Methylene Chloride	84	3.835	3.825	(0.537)	689	0.01959	0.0195(aQ)
	16 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	17 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	18 1,1-Dichloroethane	63	Compound Not Detected.					
$	19 2-Butanone-d5	46	5.455	5.455	(0.763)	538529	56.7683	56.7683(Q)
	20 cis-1,2-Dichloroethene	96	Compound Not Detected.					
	21 2-Butanone	43	Compound Not Detected.					
	22 Bromochloromethane	128	Compound Not Detected.					
$	23 Chloroform-d	84	5.881	5.881	(0.823)	318405	5.31483	5.3148(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	24 Chloroform	83	5.911	5.901	(0.827)	2162	0.03431	0.0343(aQ)
	25 1,1,1-Trichloroethane	97	Compound Not Detected.					
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon Tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	170187	5.56212	5.5621(Q)
$	29 Benzene-d6	84	6.529	6.529	(0.608)	691969	5.47345	5.4734
	30 Benzene	78	Compound Not Detected.					
	31 1,2-Dichloroethane	62	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	7.146	7.146	(1.000)	555042	5.00000	
	33 Trichloroethene	95	Compound Not Detected.					
$	34 1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	225290	5.48211	5.4821
	35 Methylcyclohexane	83	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
$	39 1,4-Dioxane-d8	96	7.936	7.916	(1.111)	24611	209.885	209.8854(Q)
	38 1,4-Dioxane	88	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
$	40 trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	99132	4.21947	4.2194
	41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	43 Toluene-d8	98	9.081	9.070	(0.846)	601380	5.23787	5.2378
	44 Toluene	91	9.172	9.162	(0.855)	4084	0.02719	0.0271(a)
	45 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	46 1,1,2-Trichloroethane	97	Compound Not Detected.					
	47 Tetrachloroethene	164	9.799	9.799	(0.913)	4064	0.13346	0.1334(a)
$	48 2-Hexanone-d5	63	9.962	9.961	(0.928)	557526	50.4138	50.4137
	49 2-Hexanone	43	Compound Not Detected.					
	50 Dibromochloromethane	129	Compound Not Detected.					
	51 1,2-Dibromoethane	107	Compound Not Detected.					
*	52 Chlorobenzene-d5	117	10.731	10.731	(1.000)	499842	5.00000	
	53 Chlorobenzene	112	Compound Not Detected.					
	54 Ethylbenzene	91	Compound Not Detected.					
	55 m+p-Xylenes	106	Compound Not Detected.					
	56 o-Xylene	106	Compound Not Detected.					
	57 Styrene	104	Compound Not Detected.					
	58 Bromoform	173	Compound Not Detected.					
	59 Isopropylbenzene	105	Compound Not Detected.					
$	60 1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	152480	4.89037	4.8903
	61 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	62 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	63 1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	240839	5.00000	
	64 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	65 1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	208068	5.01195	5.0119
	66 1,2-Dichlorobenzene	146	Compound Not Detected.					
	67 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
	68 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	69 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
	72 tert-butyl alcohol	59	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1507.b\B0703007.D
Lab Smp Id: IB07030-007 Client Smp ID: Y34W6
Inj Date : 15-FEB-2007 09:30
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1507.b, IB07030-007
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb1507.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:18 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 49
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

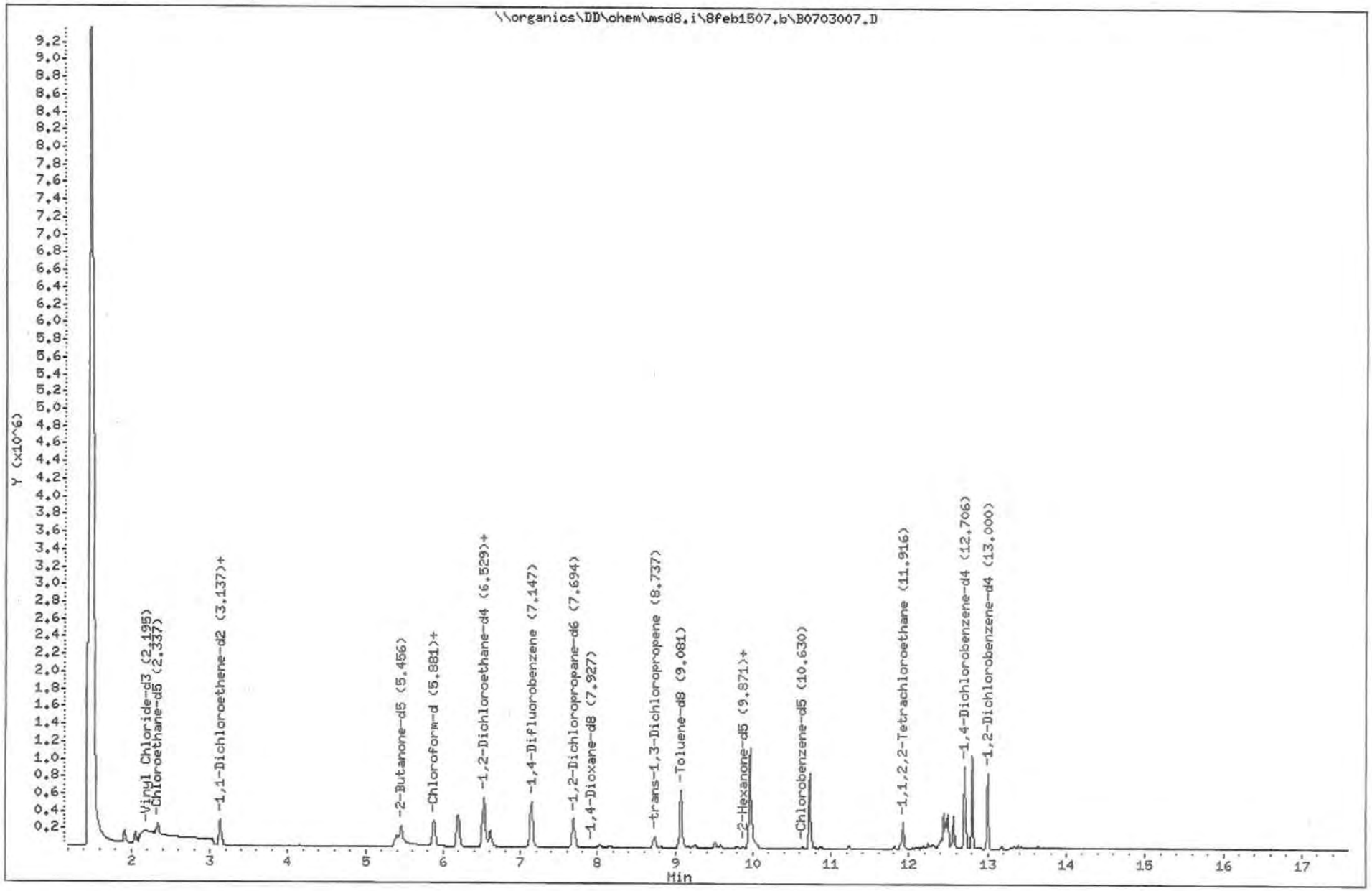
Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 52 Chlorobenzene-d5	10.732	25724	5.000
* 63 1,4-Dichlorobenzene-d4	12.716	3280436	5.000

	CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
10.863	1642795	319.310336	319.3103	0		0	52
Benzene-1,2,4,5-d4-, 3,6-di(methyl-d3)-				CAS #: 41051-88-1			
11.238	76542	14.8774100	14.8774	93	NIST02.L	8165	52
Unknown				CAS #:			
11.542	11624	2.25936789	2.2593	0		0	52
Unknown				CAS #:			
12.443	2510782	3.82690284	3.8269	0		0	63

Data File: \\organics\DD\chem\msd8.i\8feb1507.b\B0703007.D
Date : 15-FEB-2007 09:30
Client ID: Y34W6
Sample Info: 8feb1507.b, IB07030-007
Purge Volume: 25.0
Column phase: DB-624

Instrument: msd8.i
Operator: DLB
Column diameter: 0.25



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Date : 15-FEB-2007 09:30

Client ID: Y34W6

Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-007

Purge Volume: 25.0

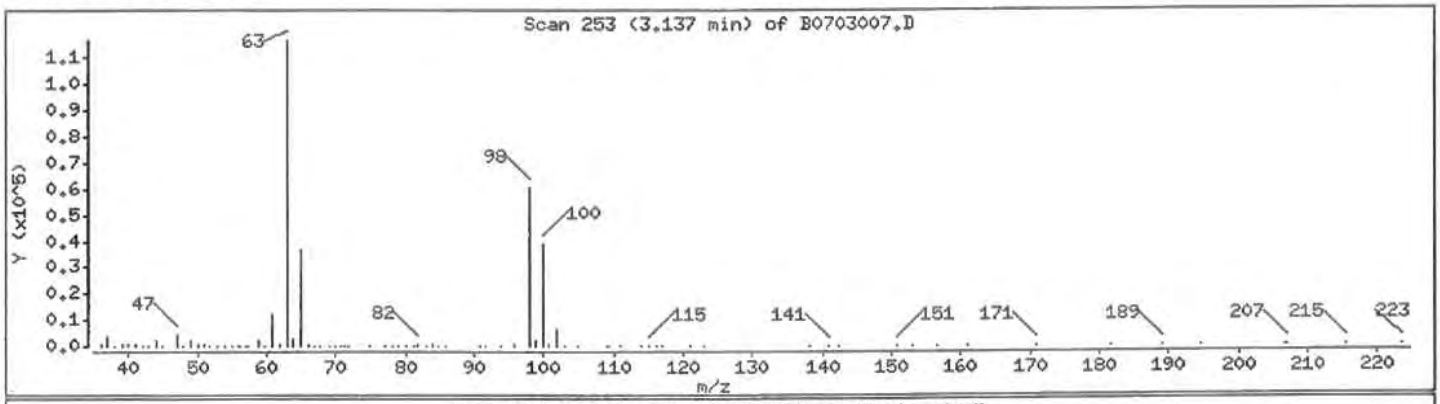
Operator: DLB

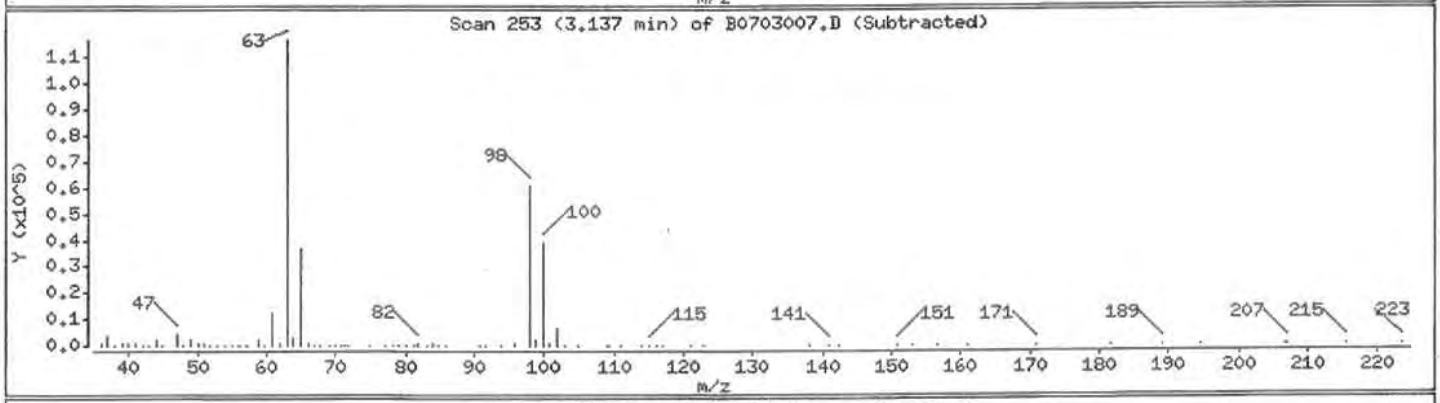
Column phase: DB-624

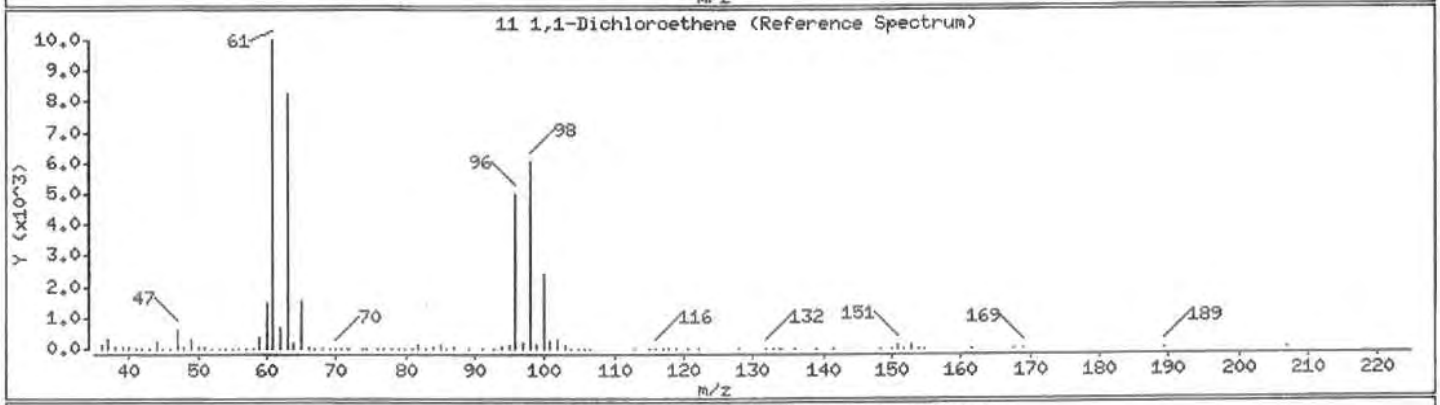
Column diameter: 0.25

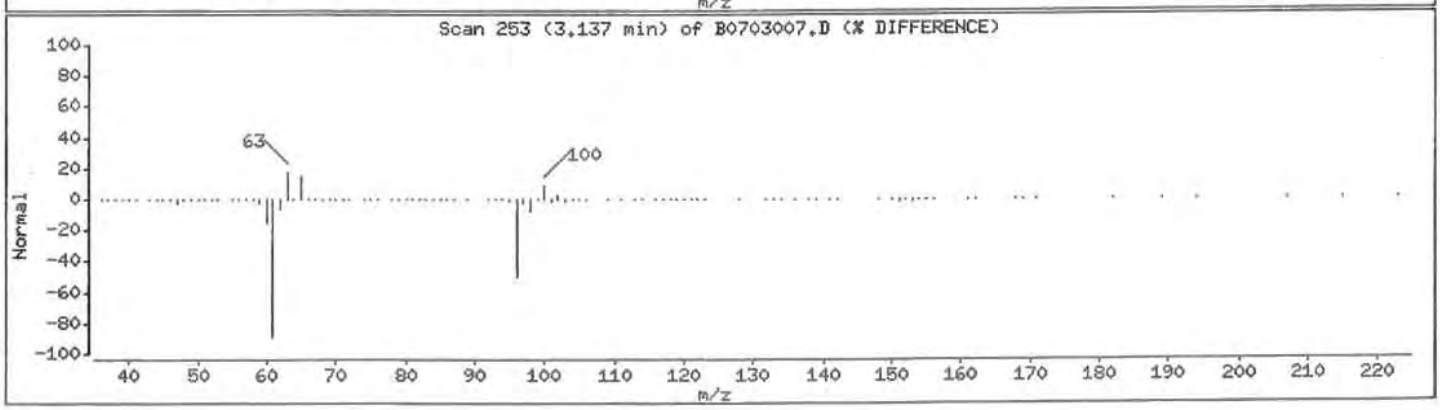
11 1,1-Dichloroethene

Concentration: 0.0831 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1507.b\B0703007.D

Date : 15-FEB-2007 09:30

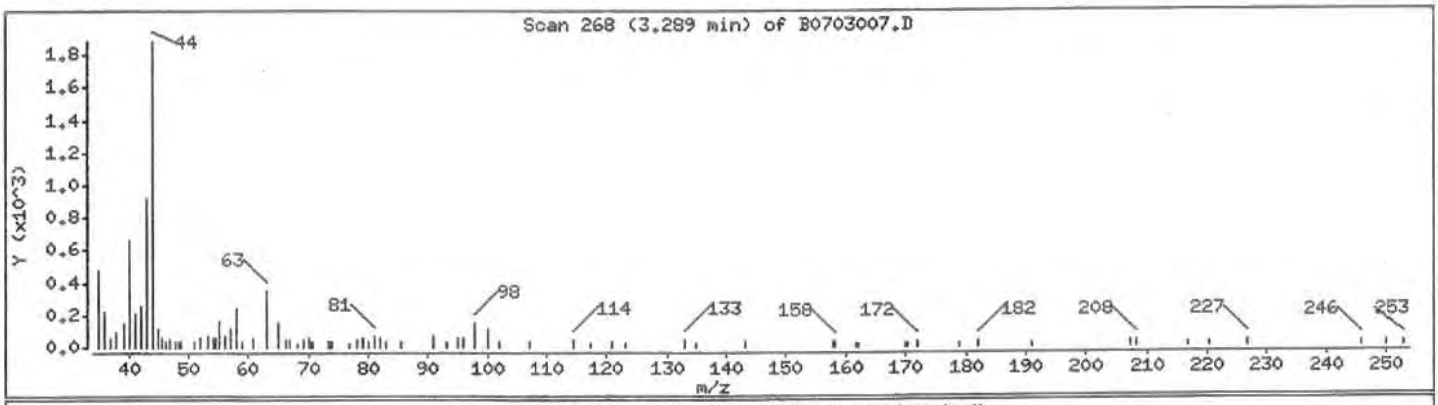
Client ID: Y34W6 Instrument: msd8.i

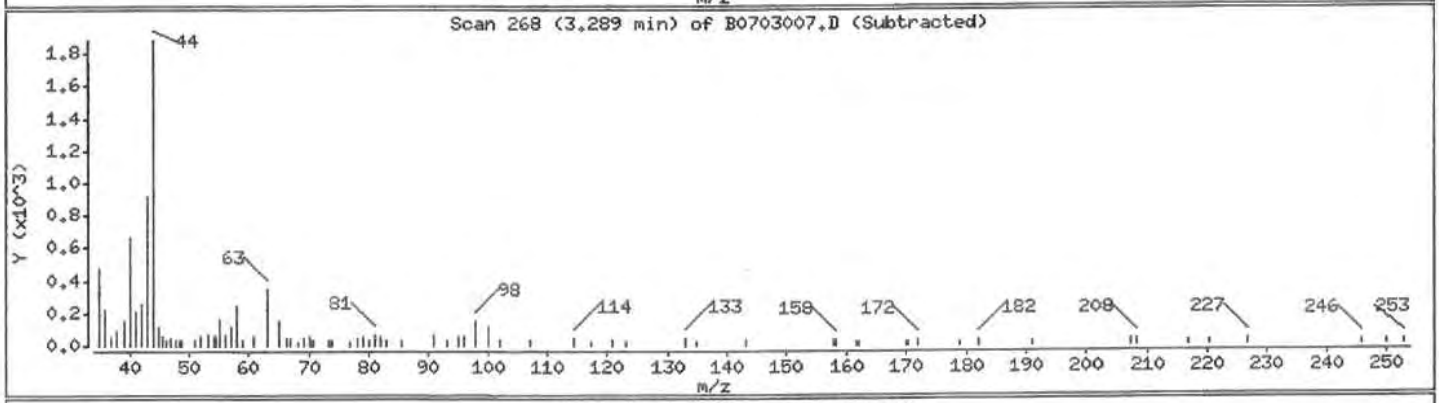
Sample Info: 8feb1507.b, IB07030-007

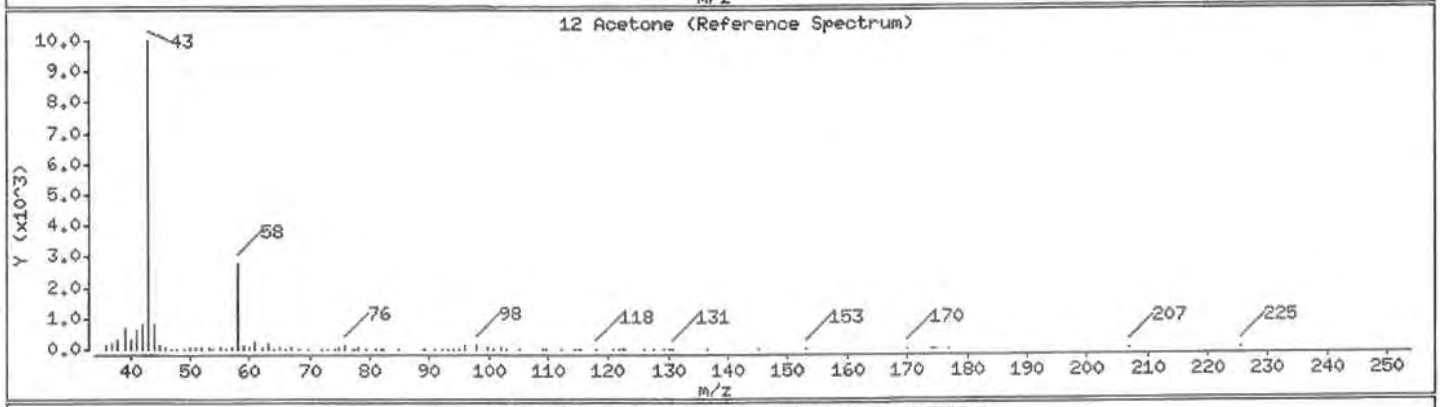
Purge Volume: 25.0 Operator: DLB

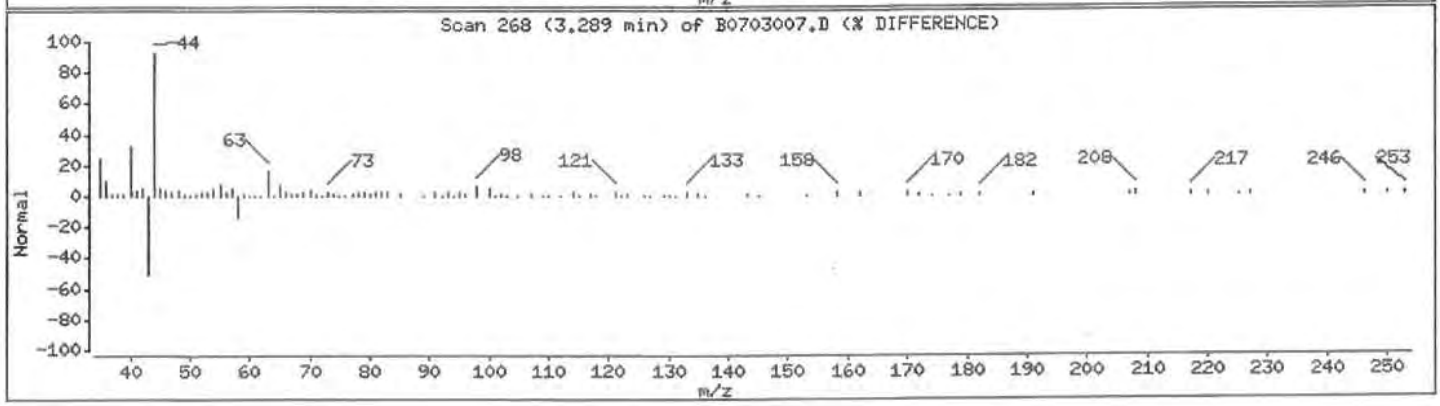
Column phase: DB-624 Column diameter: 0.25

12 Acetone Concentration: 0.8304 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1507.b\B0703007.D

Date : 15-FEB-2007 09:30

Client ID: Y34W6

Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-007

Purge Volume: 25.0

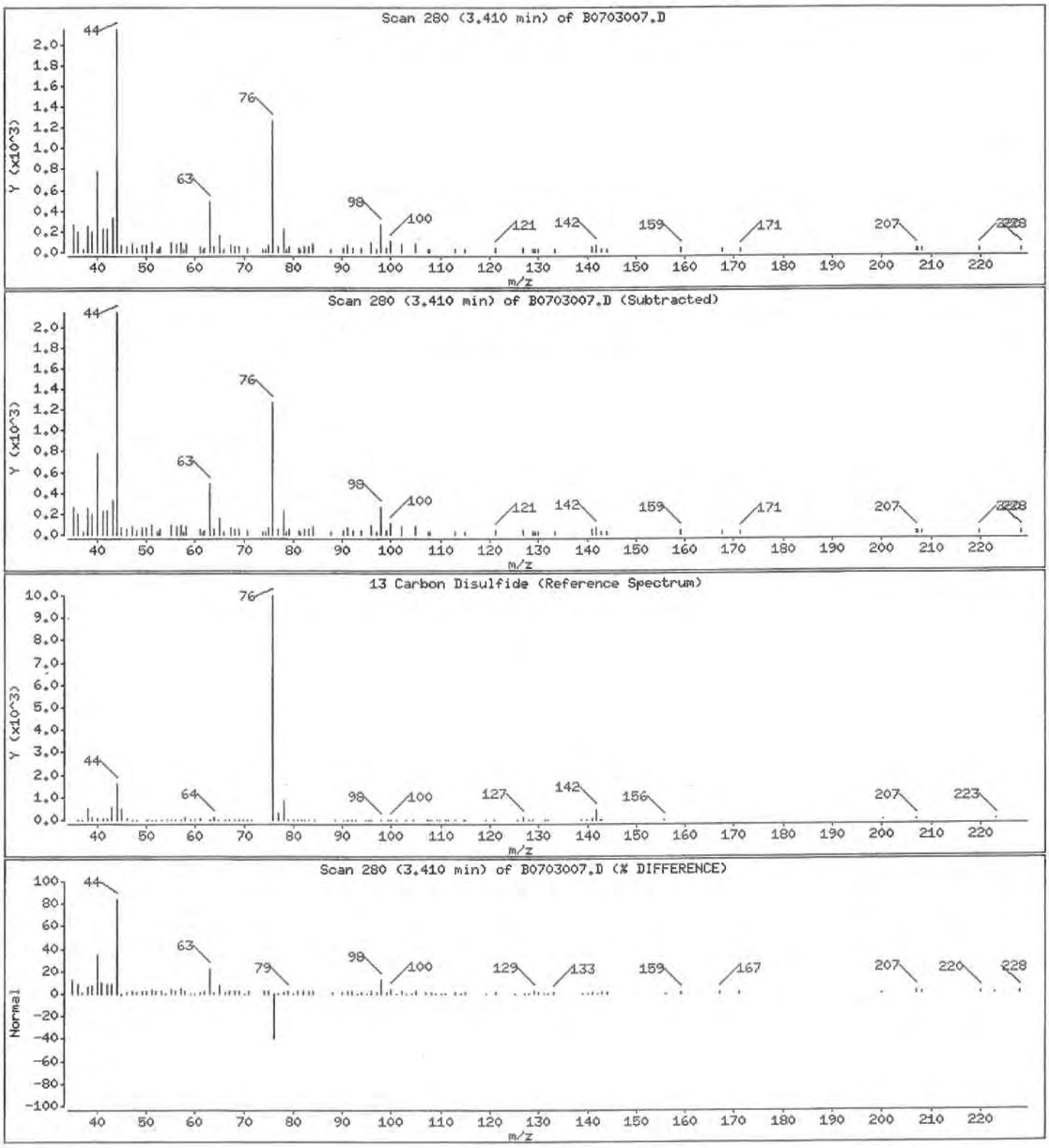
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

13 Carbon Disulfide

Concentration: 0.0330 ug/L



Data File: \\organics\DD\chem\msd8.i\8feb1507.b\B0703007.D

Date : 15-FEB-2007 09:30

Client ID: Y34W6

Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-007

Purge Volume: 25.0

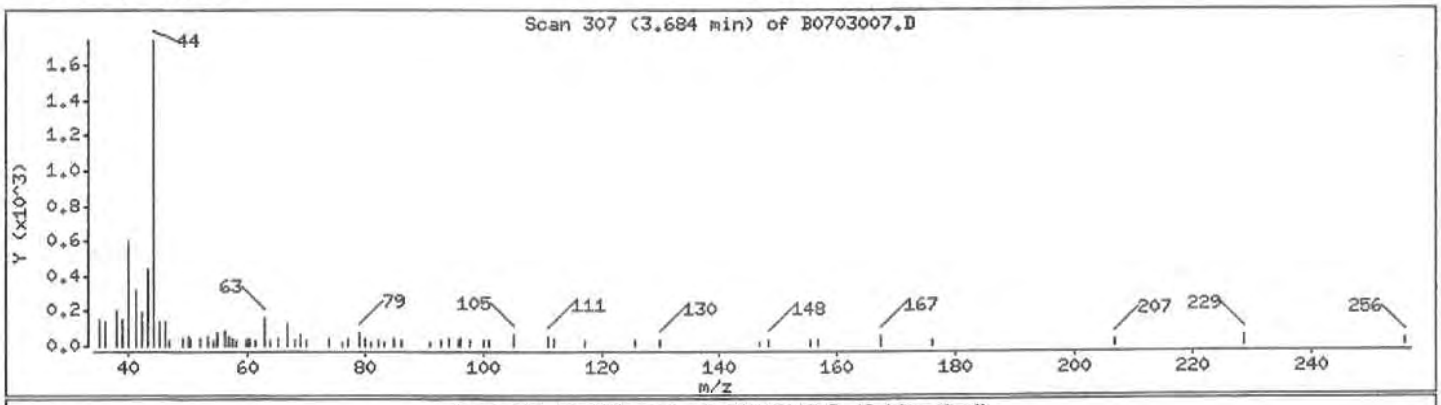
Operator: DLB

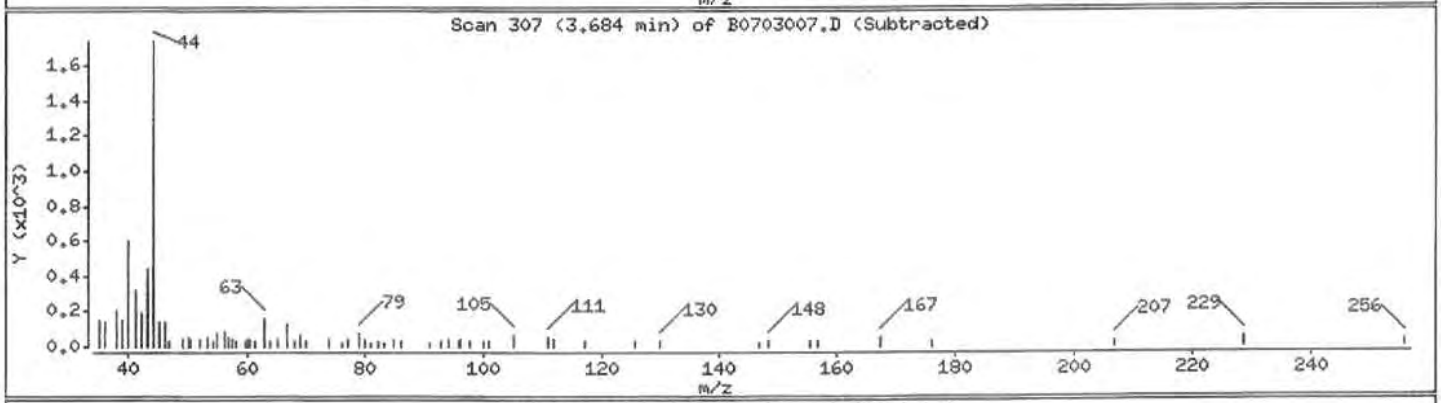
Column phase: DB-624

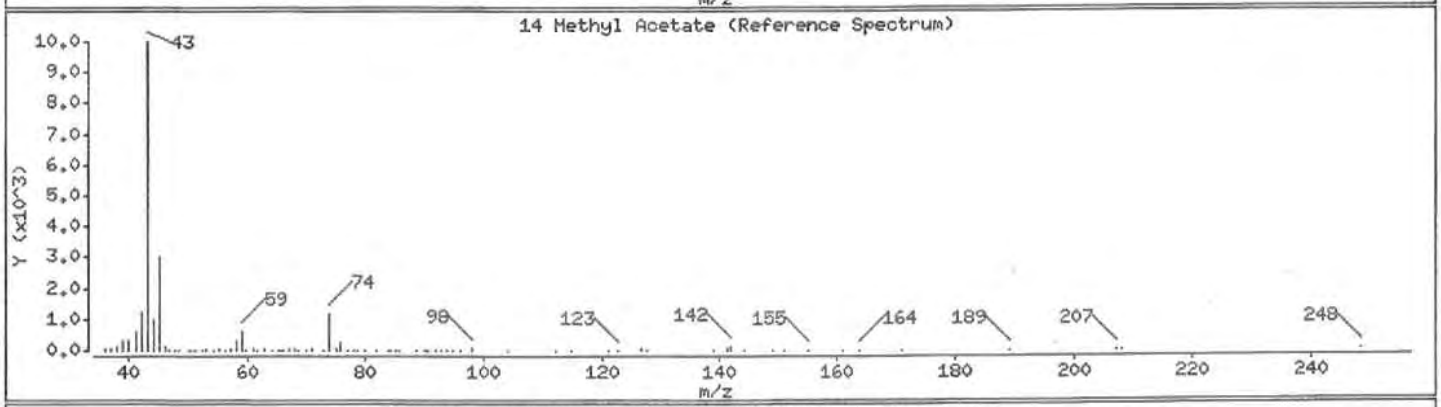
Column diameter: 0.25

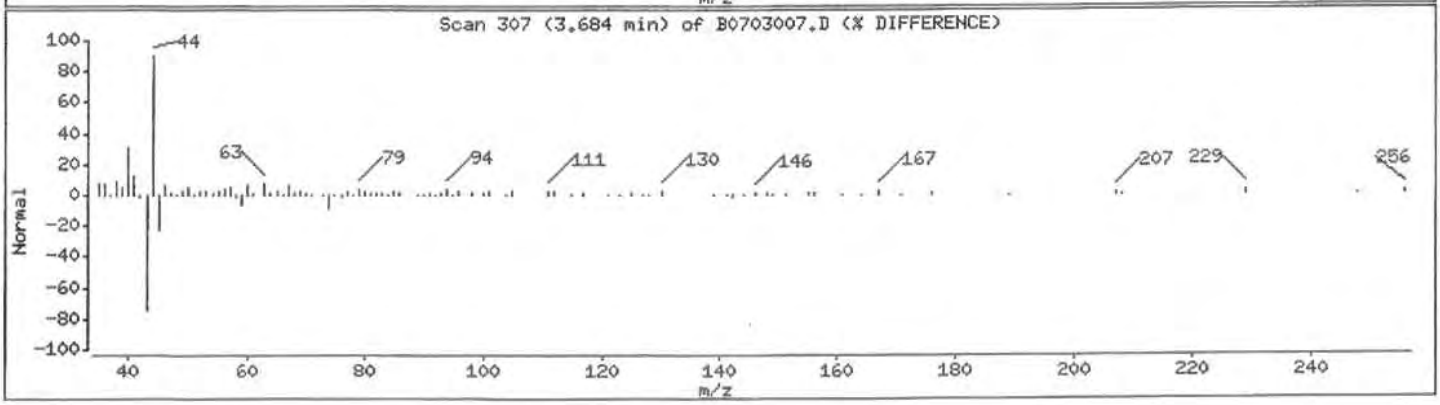
14 Methyl Acetate

Concentration: 0.0341 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1507.b\B0703007.D

Date : 15-FEB-2007 09:30

Client ID: Y34W6

Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-007

Purge Volume: 25.0

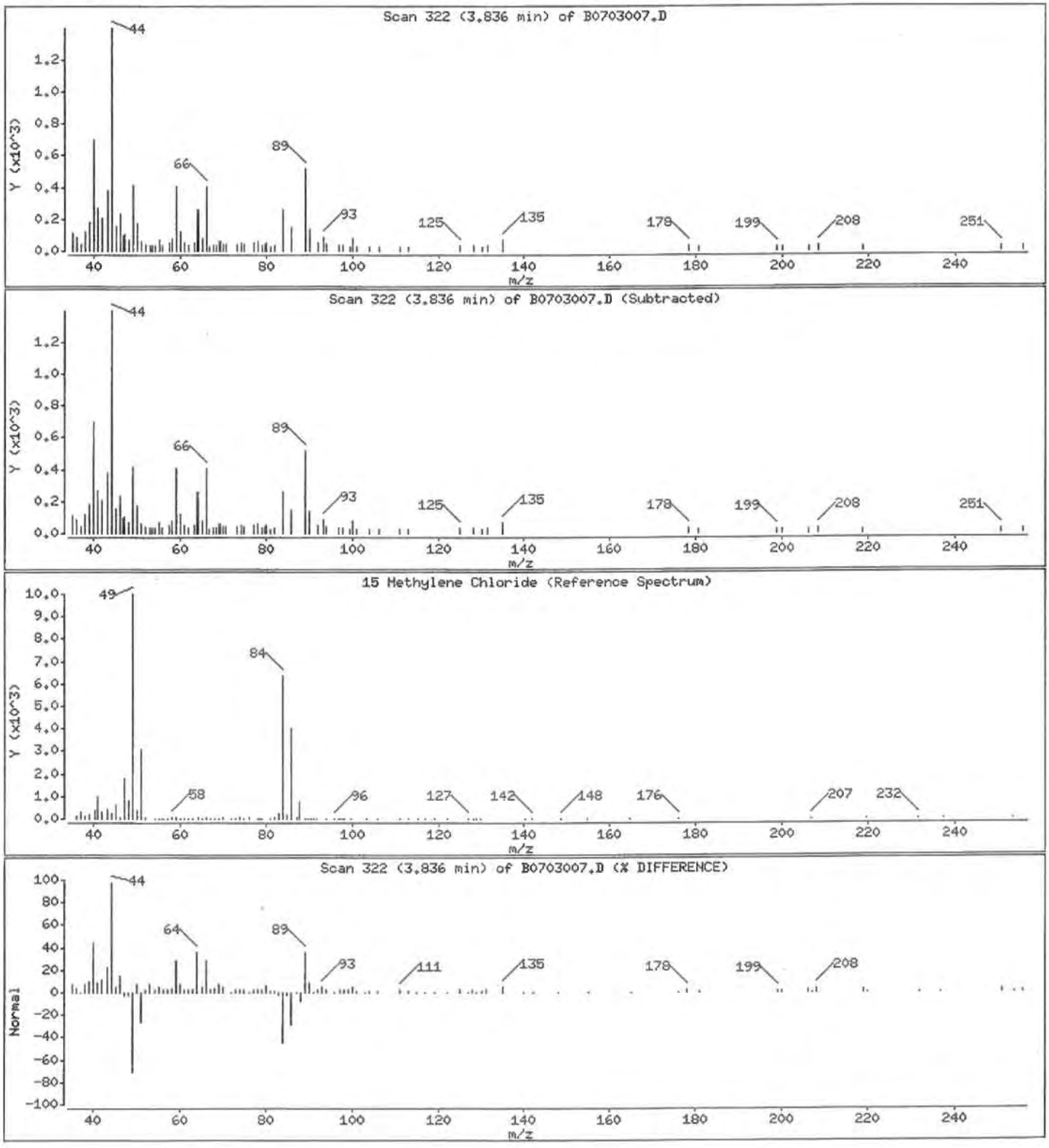
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

15 Methylene Chloride

Concentration: 0.0195 ug/L



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Date : 15-FEB-2007 09:30

Client ID: Y34W6

Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-007

Purge Volume: 25.0

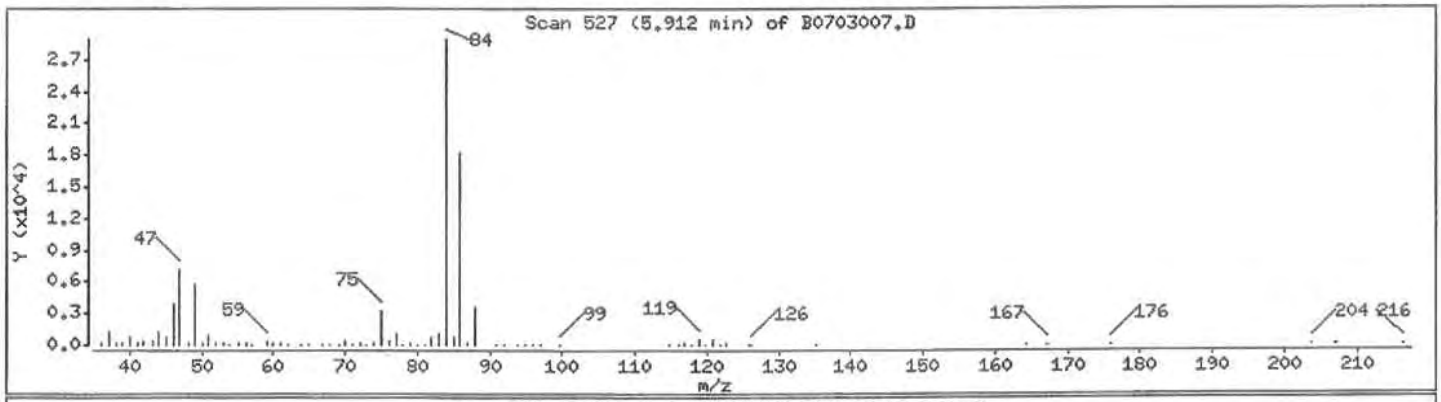
Operator: DLB

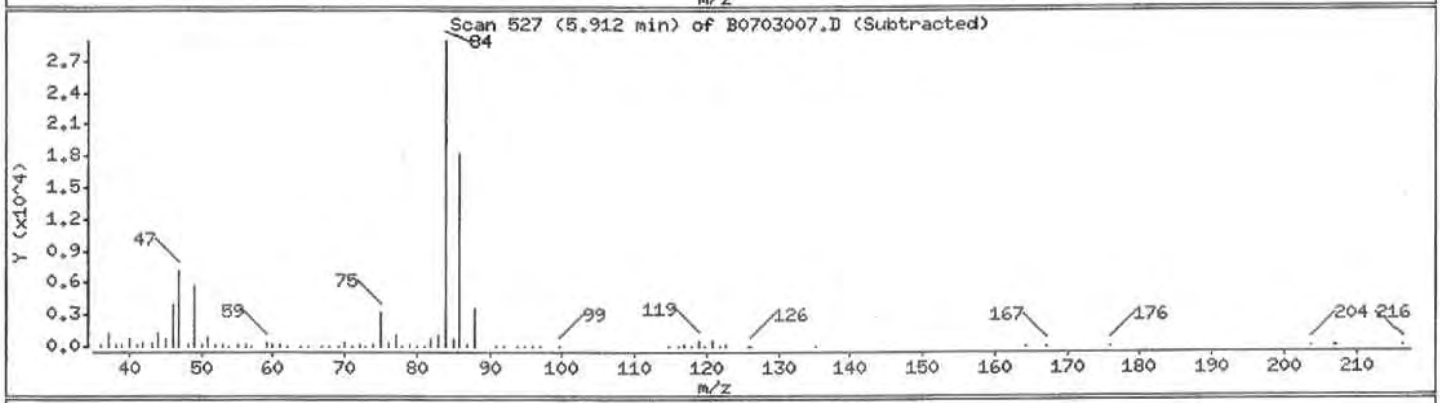
Column phase: DB-624

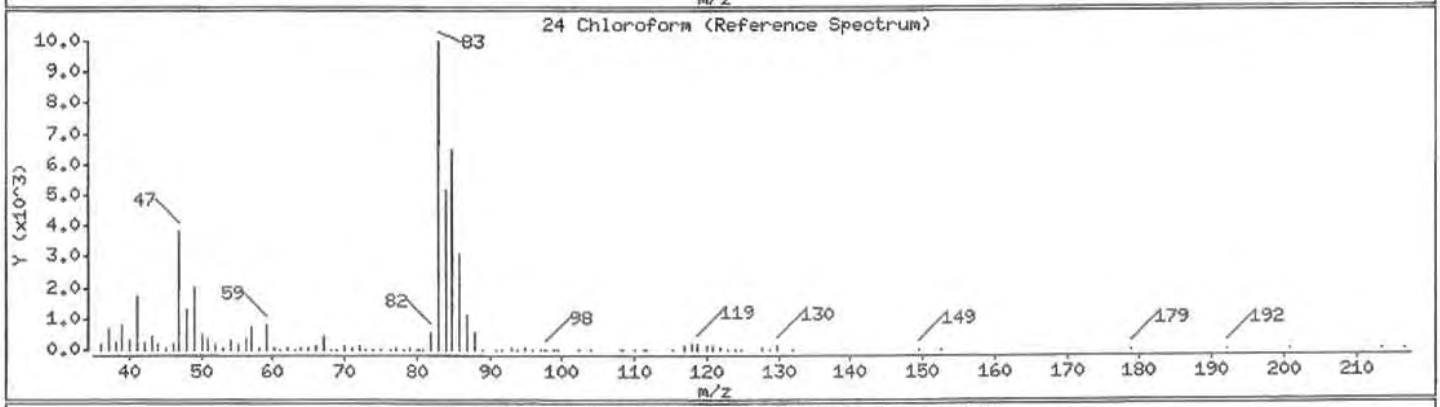
Column diameter: 0.25

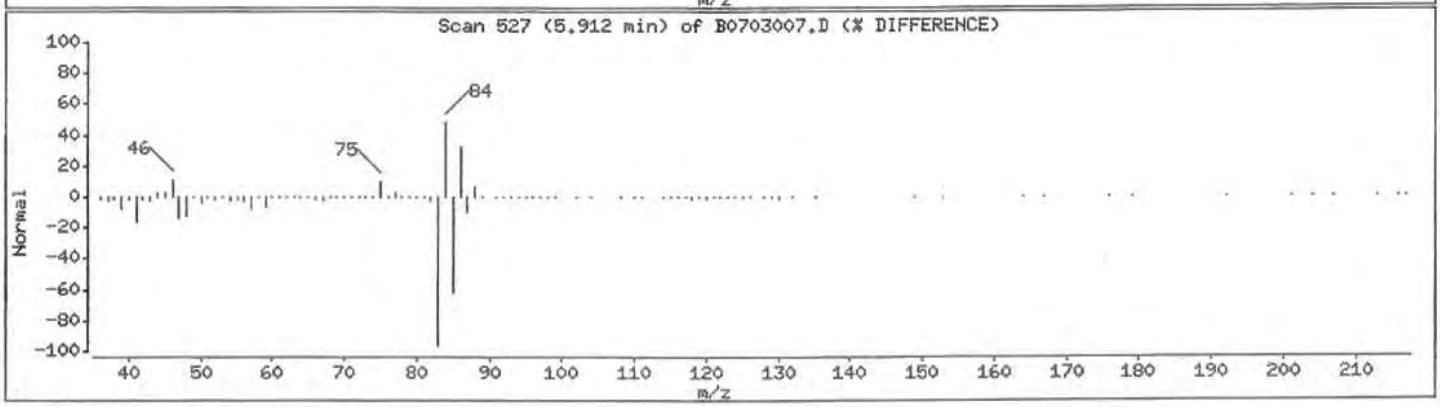
24 Chloroform

Concentration: 0.0343 ug/L









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Date : 15-FEB-2007 09:30

Client ID: Y34W6

Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-007

Purge Volume: 25.0

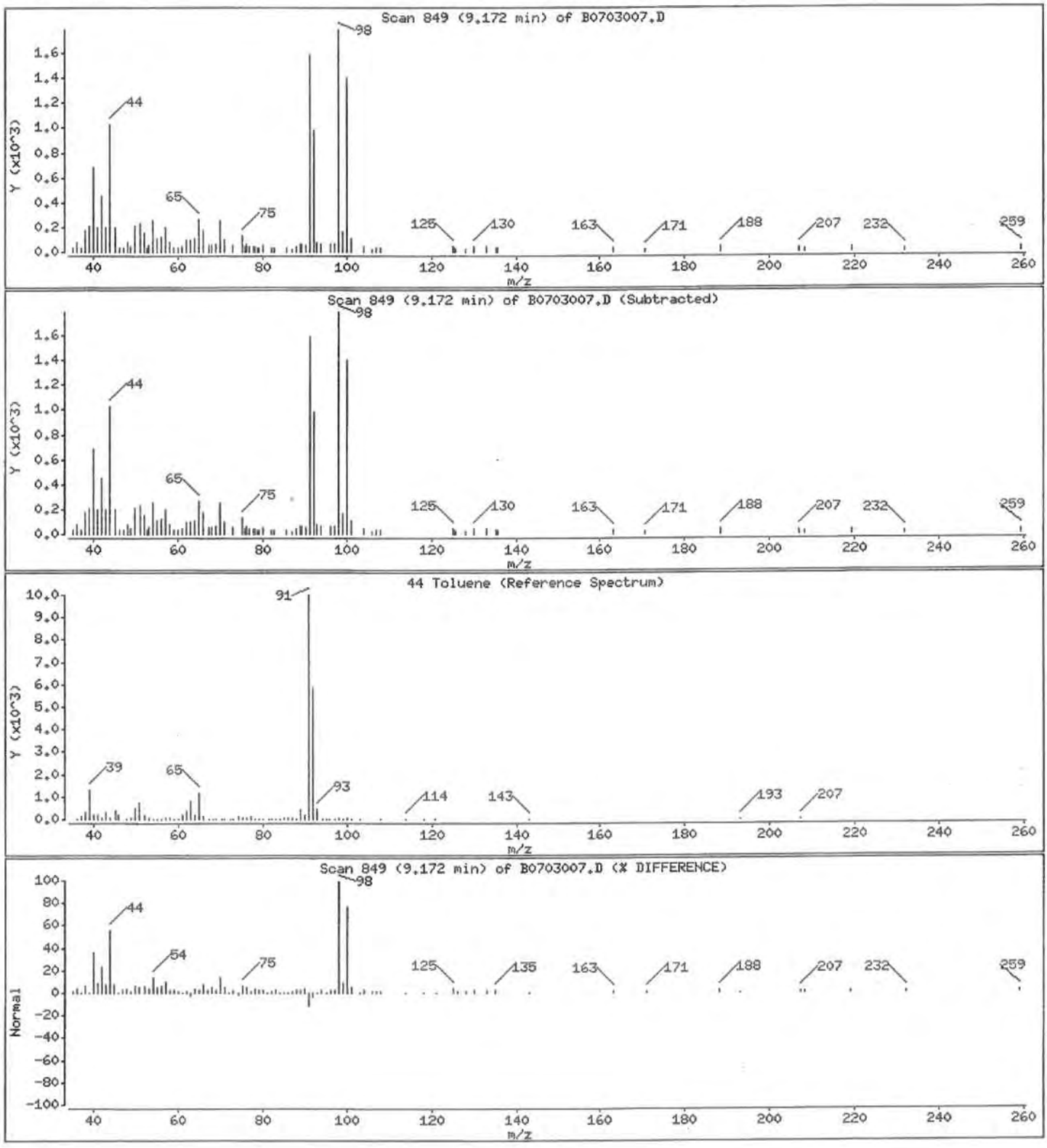
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

44 Toluene

Concentration: 0.0271 ug/L



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Date : 15-FEB-2007 09:30

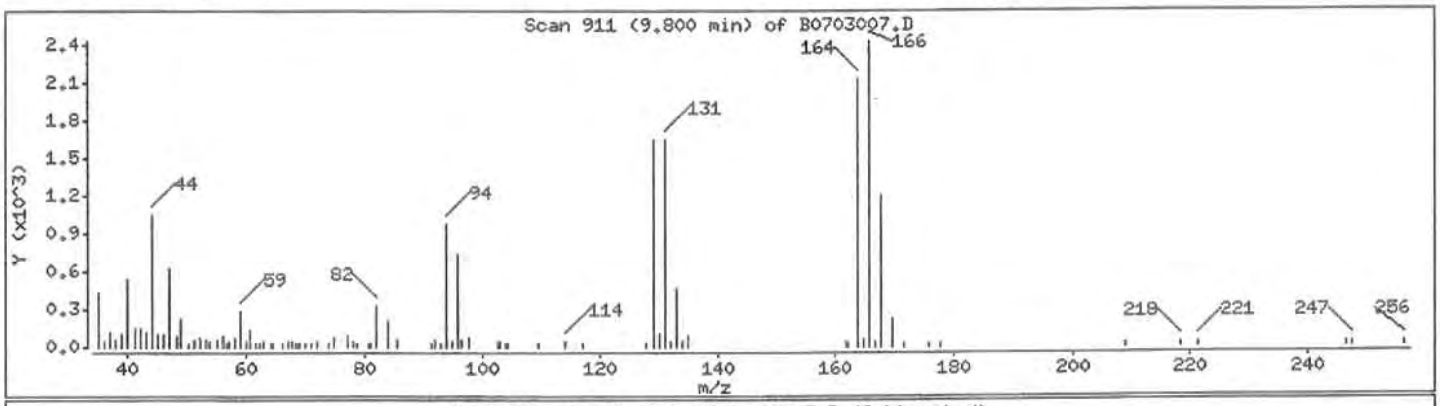
Client ID: Y34W6 Instrument: msd8.i

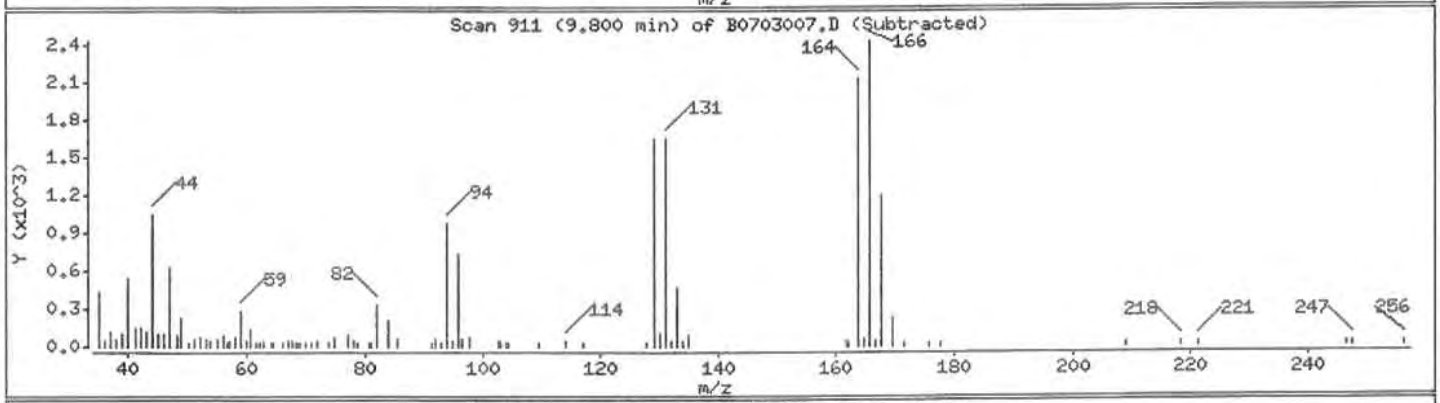
Sample Info: 8feb1507.b, IB07030-007

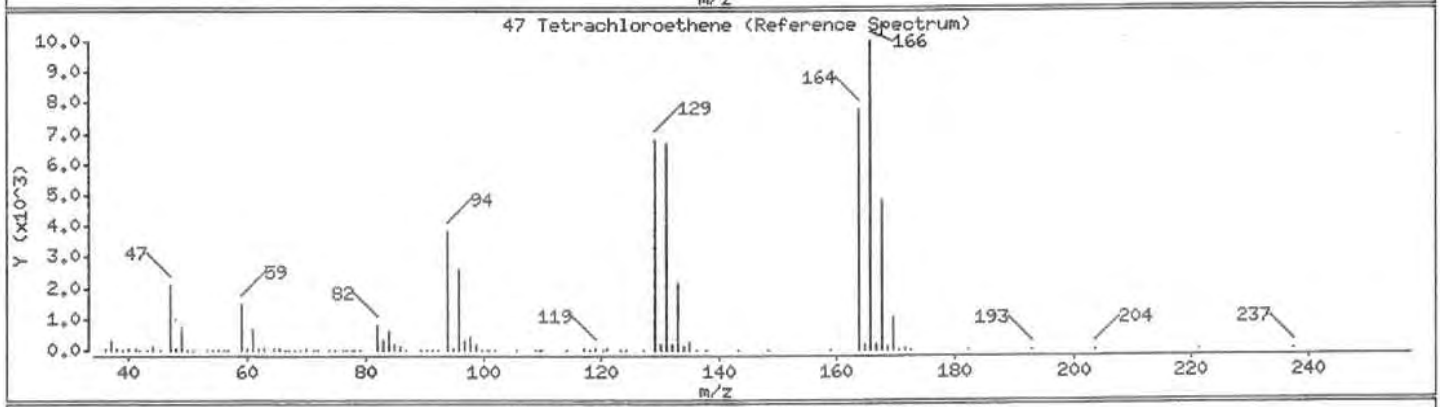
Purge Volume: 25.0 Operator: DLB

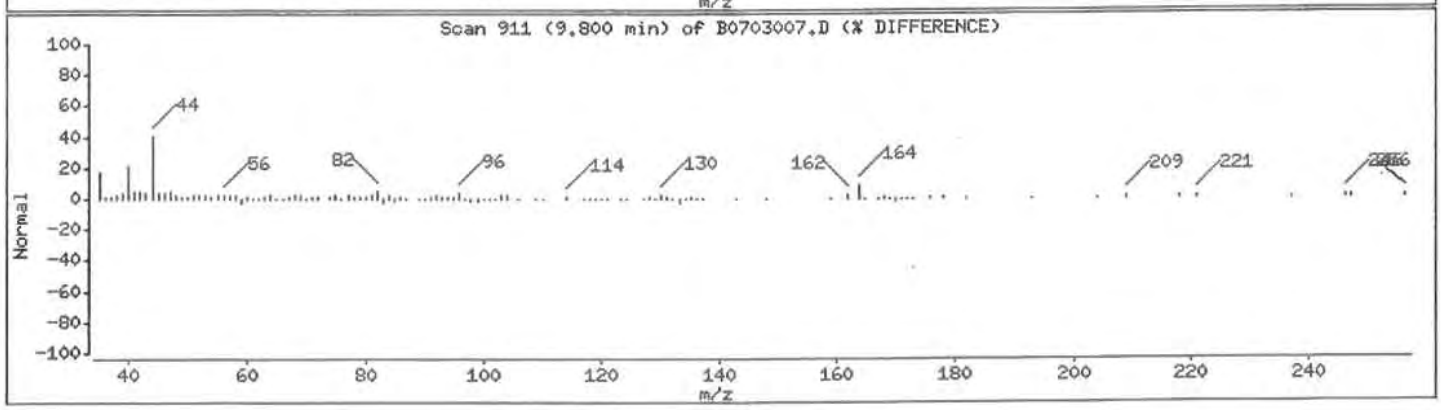
Column phase: DB-624 Column diameter: 0.25

47 Tetrachloroethene Concentration: 0.1334 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1507.b\B0703007.D

Date : 15-FEB-2007 09:30

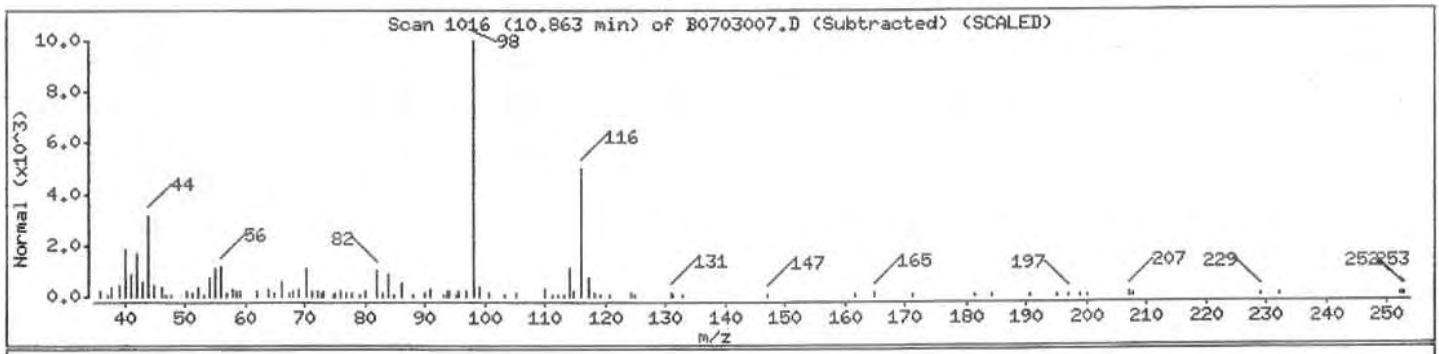
Client ID: Y34W6 Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-007

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1507.b\B0703007.D

Date : 15-FEB-2007 09:30

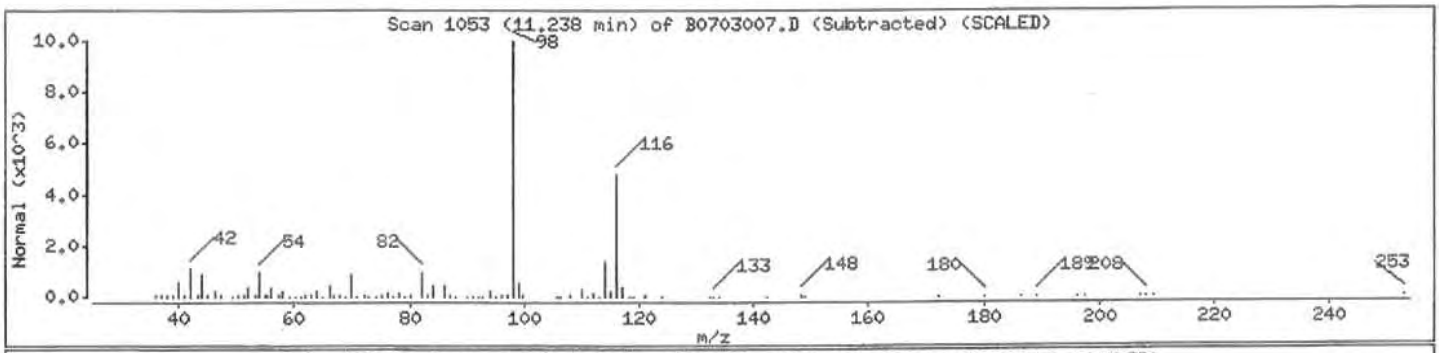
Client ID: Y34W6 Instrument: msd8.i

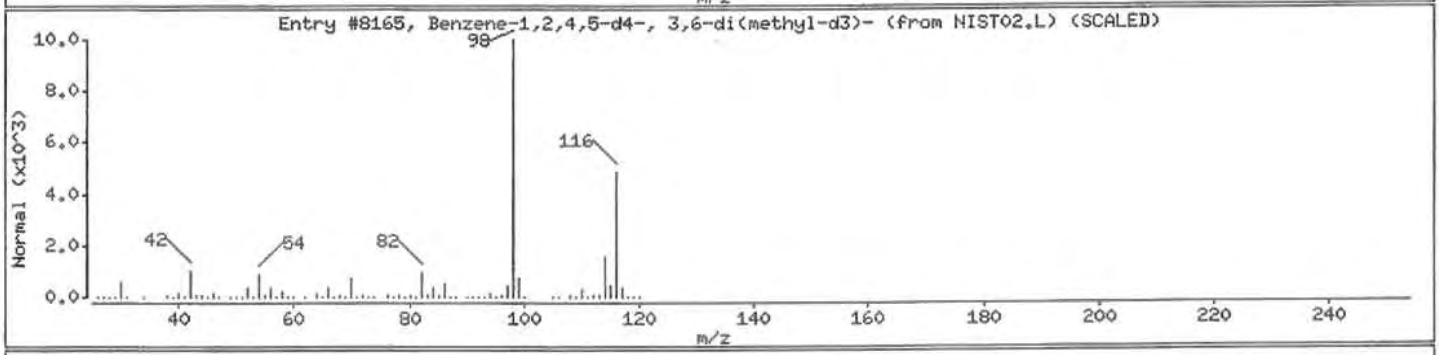
Sample Info: 8feb1507.b, IB07030-007

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene-1,2,4,5-d4-, 3,6-di(methyl-d3)-	41051-88-1	NIST02.L	8165	93	C8D10	116





Data File: \\organics\DD\chem\msd8.i\8feb1507.b\B0703007.D

Date : 15-FEB-2007 09:30

Client ID: Y34W6

Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-007

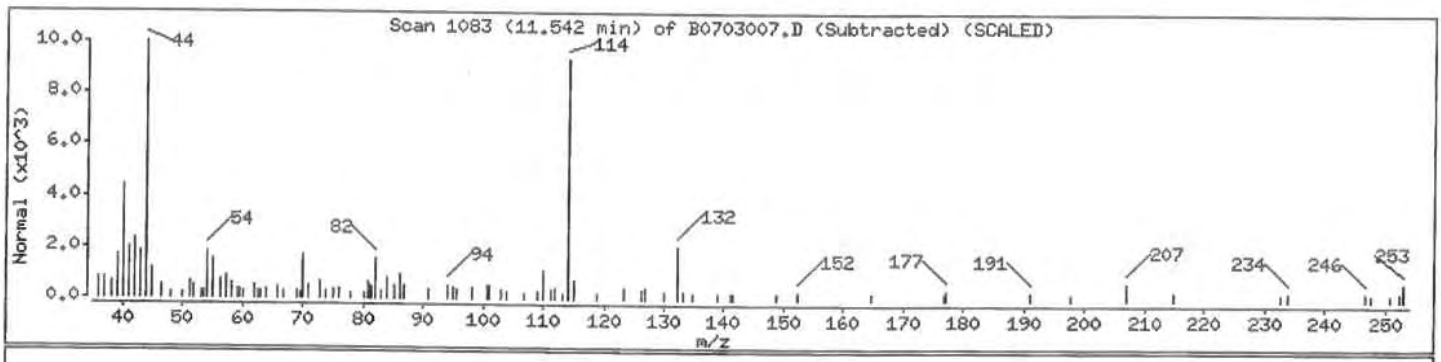
Purge Volume: 25.0

Operator: DLB

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1507.b\B0703007.D

Date : 15-FEB-2007 09:30

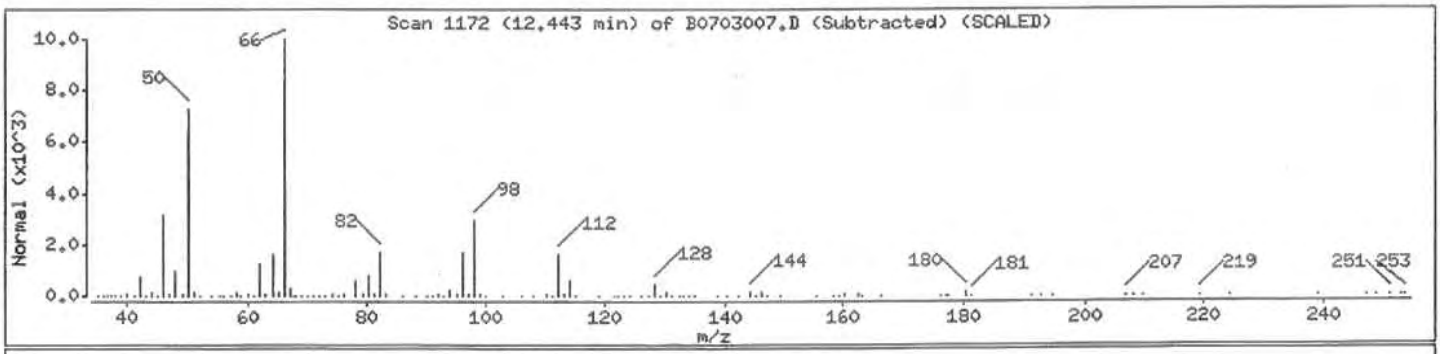
Client ID: Y34W6 Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-007

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W7

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-008

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703008

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/15/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.061	J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	1.2	JB
75-15-0	Carbon disulfide	0.010	J
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.017	J
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.039	J
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.056	JB
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W7

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-008

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703008

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/15/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.018	J
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.049	J
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.055	J
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W7

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-008

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703008

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/15/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
Y34W7

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-008

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703008

Level: (TRACE or LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/15/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	8.960	3.5	J
02		Unknown-02	9.253	28	J
03		Unknown-03	10.863	360	J
04		Unknown-04	11.238	15	J
05		Unknown-05	11.542	3.2	J
06		Unknown-06	12.241	4.0	J
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1507.b\B0703008.D
Lab Smp Id: IB07030-008 Client Smp ID: Y34W7
Inj Date : 15-FEB-2007 09:52
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1507.b, IB07030-008
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb1507.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:18 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 50
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
1	Dichlorodifluoromethane	85	Compound Not Detected.					
2	Chloromethane	50	Compound Not Detected.					
$ 3	Vinyl Chloride-d3	65	1.911	1.911	(0.267)	173198	6.65958	6.6595
4	Vinyl Chloride	62	Compound Not Detected.					
5	Bromomethane	94	Compound Not Detected.					
$ 6	Chloroethane-d5	69	2.337	2.336	(0.327)	139783	5.90523	5.9052
7	Chloroethane	64	Compound Not Detected.					
8	Trichlorofluoromethane	101	Compound Not Detected.					
$ 9	1,1-Dichloroethene-d2	63	3.137	3.136	(0.439)	291680	4.35626	4.3562
11	1,1-Dichloroethene	96	3.137	3.147	(0.439)	1913	0.06092	0.0609(aQ)
10	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
12	Acetone	43	3.288	3.288	(0.460)	4481	1.19755	1.1975(a)
13	Carbon Disulfide	76	3.410	3.410	(0.477)	1133	0.01046	0.0104(a)
14	Methyl Acetate	43	Compound Not Detected.					
15	Methylene Chloride	84	3.815	3.825	(0.534)	651	0.01750	0.0174(aQ)
16	Methyl tert-Butyl Ether	73	4.099	4.078	(0.574)	3960	0.03888	0.0388(a)
17	trans-1,2-Dichloroethene	96	Compound Not Detected.					
18	1,1-Dichloroethane	63	Compound Not Detected.					
$ 19	2-Butanone-d5	46	5.466	5.455	(0.765)	773289	77.0744	77.0743(Q)
20	cis-1,2-Dichloroethene	96	Compound Not Detected.					
21	2-Butanone	43	Compound Not Detected.					
22	Bromochloromethane	128	Compound Not Detected.					
$ 23	Chloroform-d	84	5.881	5.881	(0.823)	327597	5.17036	5.1703(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	24 Chloroform	83	5.911	5.901	(0.827)	3754	0.05633	0.0563(aQ)
	25 1,1,1-Trichloroethane	97	Compound Not Detected.					
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon Tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	186231	5.75490	5.7548(Q)
$	29 Benzene-d6	84	6.529	6.529	(0.608)	724890	5.32754	5.3275
	30 Benzene	78	Compound Not Detected.					
	31 1,2-Dichloroethane	62	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	7.147	7.146	(1.000)	587022	5.00000	
	33 Trichloroethene	95	Compound Not Detected.					
$	34 1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	236559	5.34841	5.3484
	35 Methylcyclohexane	83	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
$	39 1,4-Dioxane-d8	96	7.916	7.916	(1.108)	31676	255.420	255.4199(Q)
	38 1,4-Dioxane	88	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
$	40 trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	109858	4.34466	4.3446
	41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	43 Toluene-d8	98	9.081	9.070	(0.846)	634096	5.13146	5.1314
	44 Toluene	91	9.162	9.162	(0.854)	2837	0.01755	0.0175(a)
	45 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	46 1,1,2-Trichloroethane	97	Compound Not Detected.					
	47 Tetrachloroethene	164	9.800	9.799	(0.913)	1596	0.04870	0.0486(a)
$	48 2-Hexanone-d5	63	9.962	9.961	(0.928)	669541	56.2524	56.2523
	49 2-Hexanone	43	Compound Not Detected.					
	50 Dibromochloromethane	129	Compound Not Detected.					
	51 1,2-Dibromoethane	107	Compound Not Detected.					
*	52 Chlorobenzene-d5	117	10.731	10.731	(1.000)	537964	5.00000	
	53 Chlorobenzene	112	Compound Not Detected.					
	54 Ethylbenzene	91	Compound Not Detected.					
	55 m+p-Xylenes	106	Compound Not Detected.					
	56 o-Xylene	106	Compound Not Detected.					
	57 Styrene	104	Compound Not Detected.					
	58 Bromoform	173	Compound Not Detected.					
	59 Isopropylbenzene	105	Compound Not Detected.					
$	60 1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	170915	5.09318	5.0931
	61 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	62 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	63 1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	268225	5.00000	
	64 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	65 1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	233299	5.04594	5.0459(Q)
	66 1,2-Dichlorobenzene	146	13.010	13.009	(1.023)	4325	0.05537	0.0553(aQ)
	67 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
	68 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	69 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
	72 tert-butyl alcohol	59	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1507.b\B0703008.D
Lab Smp Id: IB07030-008 Client Smp ID: Y34W7
Inj Date : 15-FEB-2007 09:52
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1507.b, IB07030-008
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb1507.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:18 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 50
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

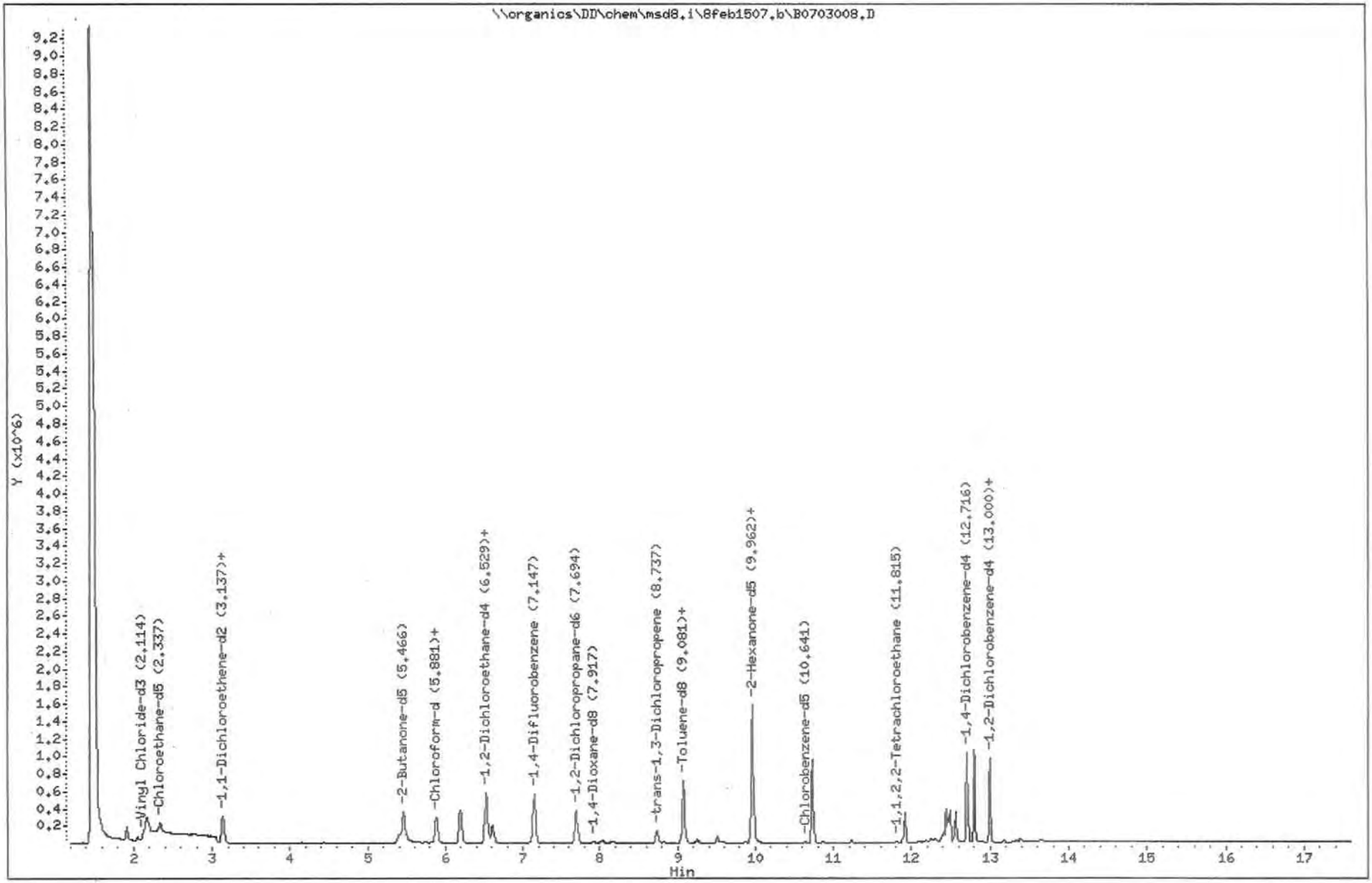
Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 52 Chlorobenzene-d5	10.732	23789	5.000
* 63 1,4-Dichlorobenzene-d4	12.716	3365925	5.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
8.960	16701	3.51010330	3.5101	0		0	52
Unknown				CAS #:			
9.253	133740	28.1086007	28.1086	0		0	52
Unknown				CAS #:			
10.863	1731945	364.008042	364.0080	0		0	52
Unknown				CAS #:			
11.238	73157	15.3756009	15.3756	0		0	52
Unknown				CAS #:			
11.542	15141	3.18231215	3.1823	0		0	52

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Unknown				CAS #:			
12.241	2664519	3.95807773	3.9580	0		0	63

Data File: \\organics\DD\chem\msd8.i\8feb1507.b\B0703008.D
Date : 15-FEB-2007 09:52
Client ID: Y34W7
Instrument: msd8.i
Sample Info: 8feb1507.b, IB07030-008
Purge Volume: 25.0
Operator: DLB
Column phase: DB-624
Column diameter: 0.25



Data File: \\organics\DD\chem\msd8.i\8feb1507.b\B0703008.D

Date : 15-FEB-2007 09:52

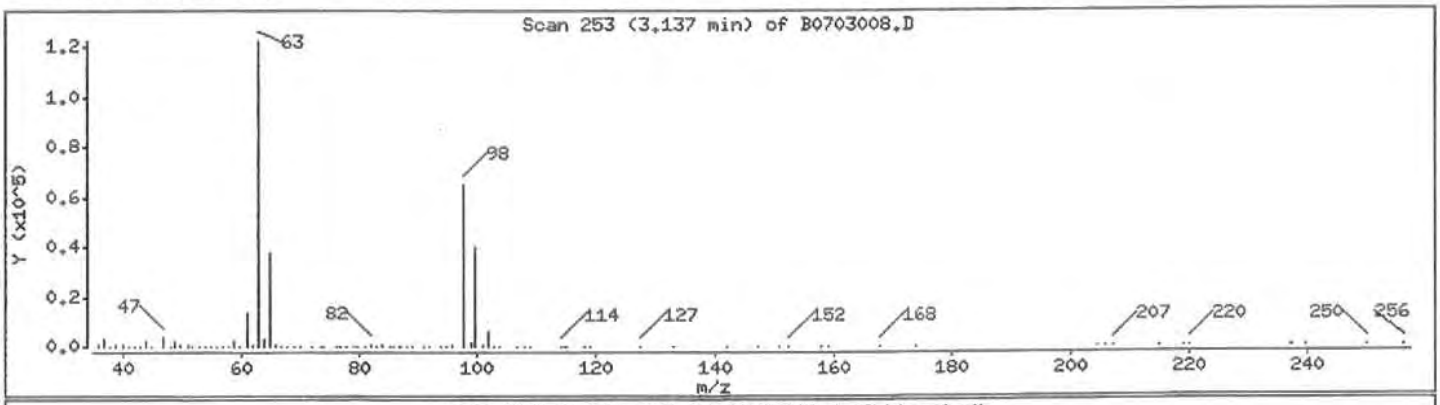
Client ID: Y34W7 Instrument: msd8.i

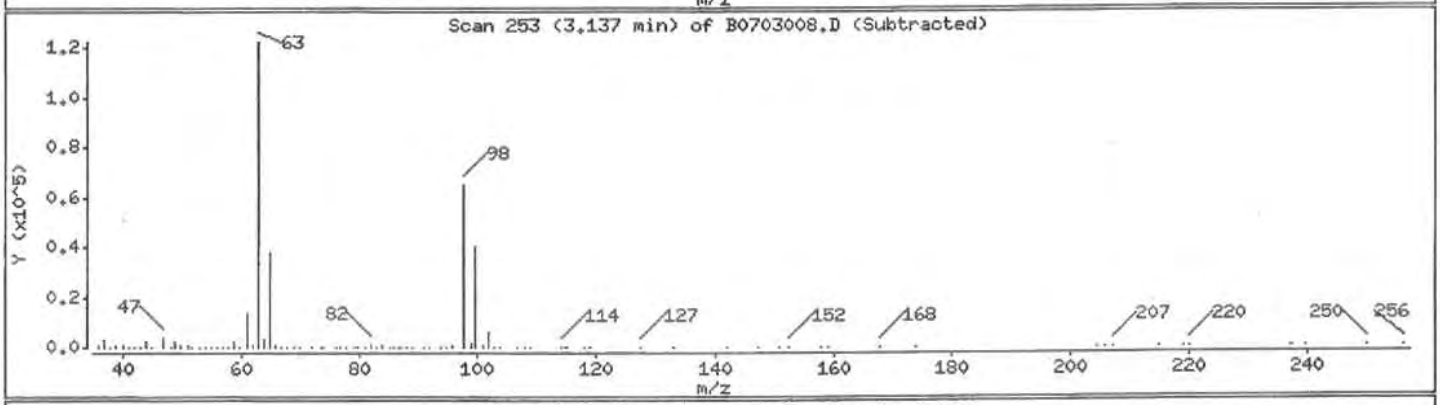
Sample Info: 8feb1507.b, IB07030-008

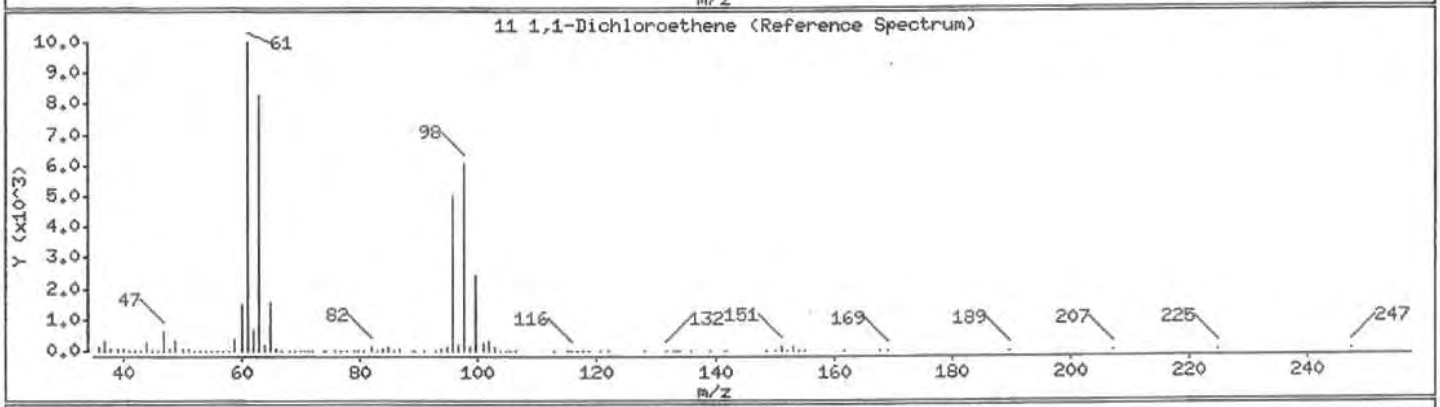
Purge Volume: 25.0 Operator: DLB

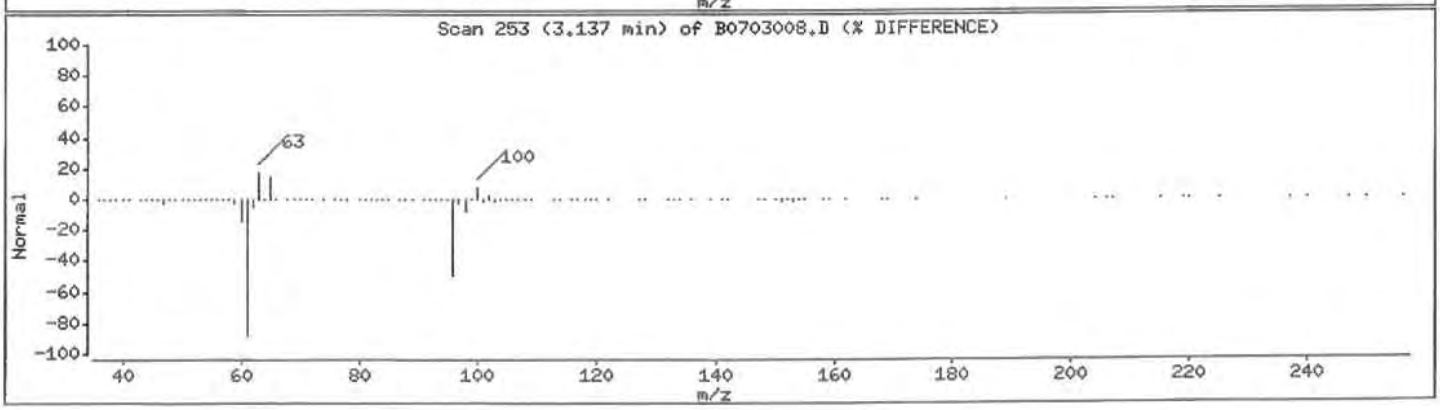
Column phase: DB-624 Column diameter: 0.25

11 1,1-Dichloroethene Concentration: 0.0609 ug/L









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Date : 15-FEB-2007 09:52

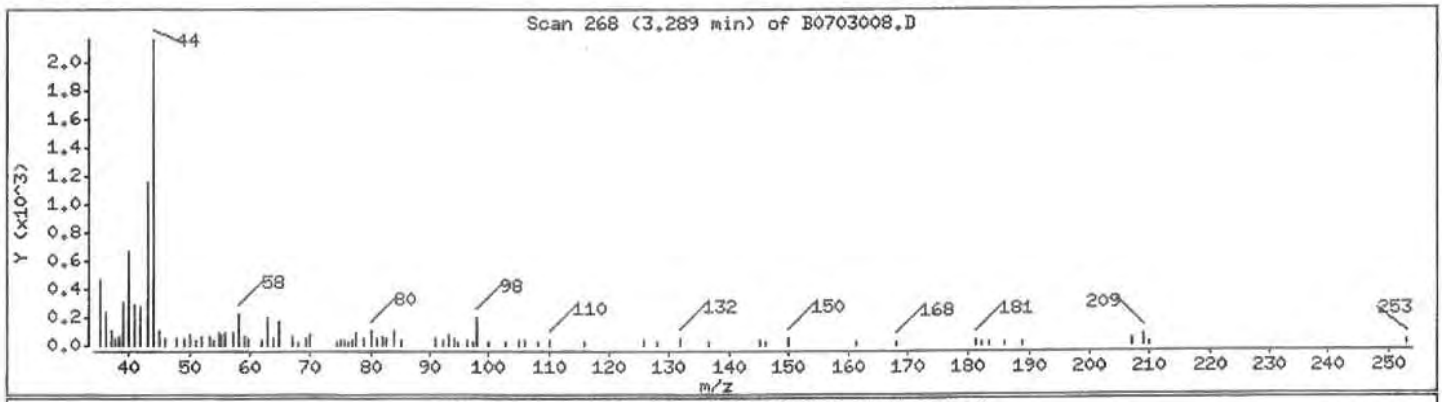
Client ID: Y34W7 Instrument: msd8.i

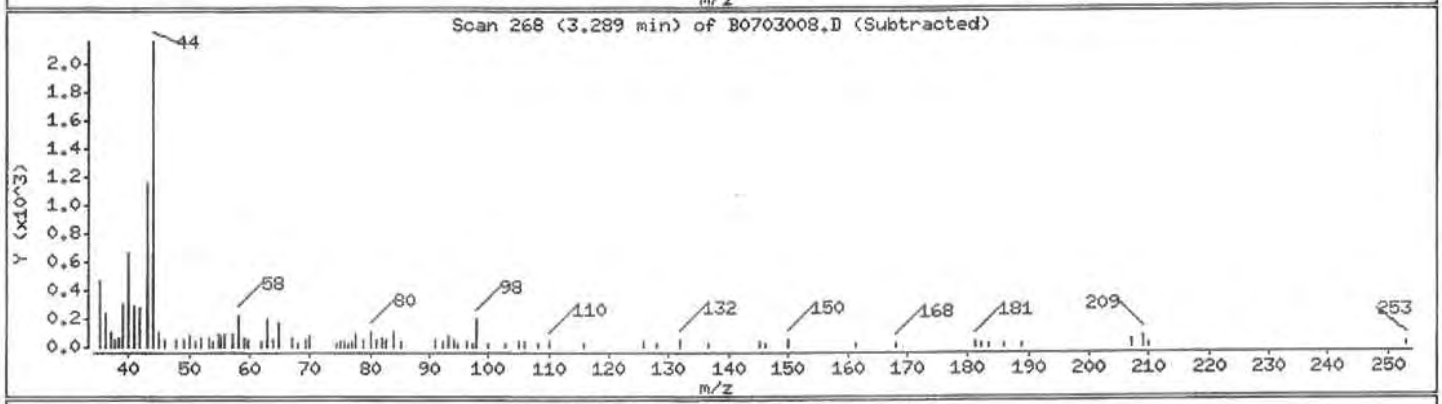
Sample Info: 8feb1507.b, IB07030-008

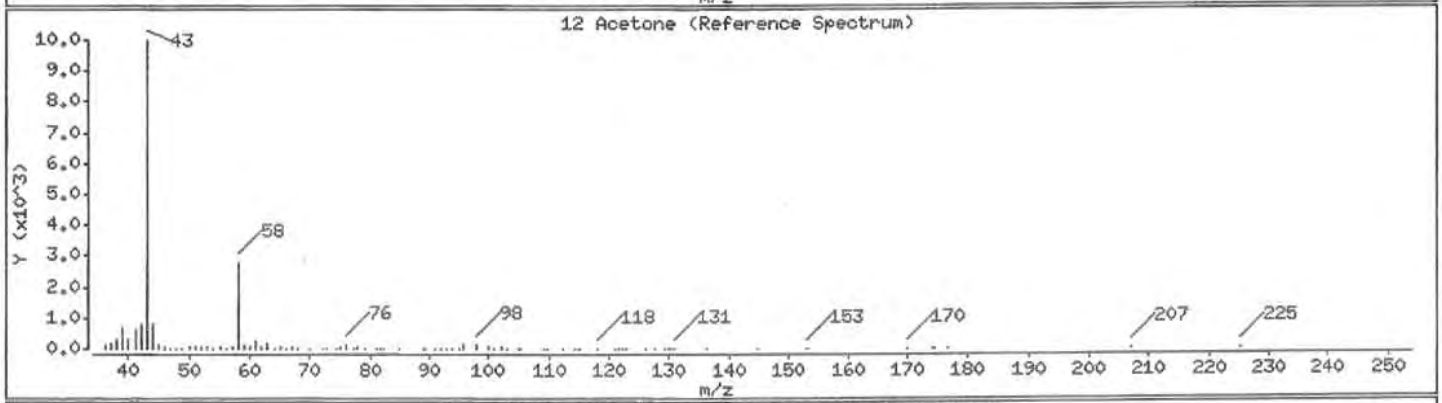
Purge Volume: 25.0 Operator: DLB

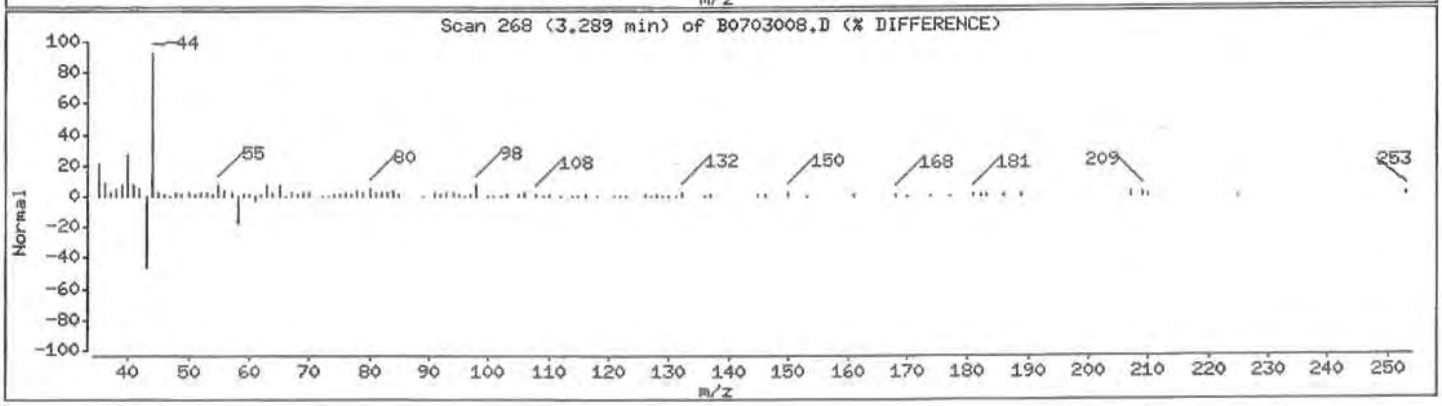
Column phase: DB-624 Column diameter: 0.25

12 Acetone Concentration: 1.1975 ug/L









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Date : 15-FEB-2007 09:52

Client ID: Y34W7

Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-008

Purge Volume: 25.0

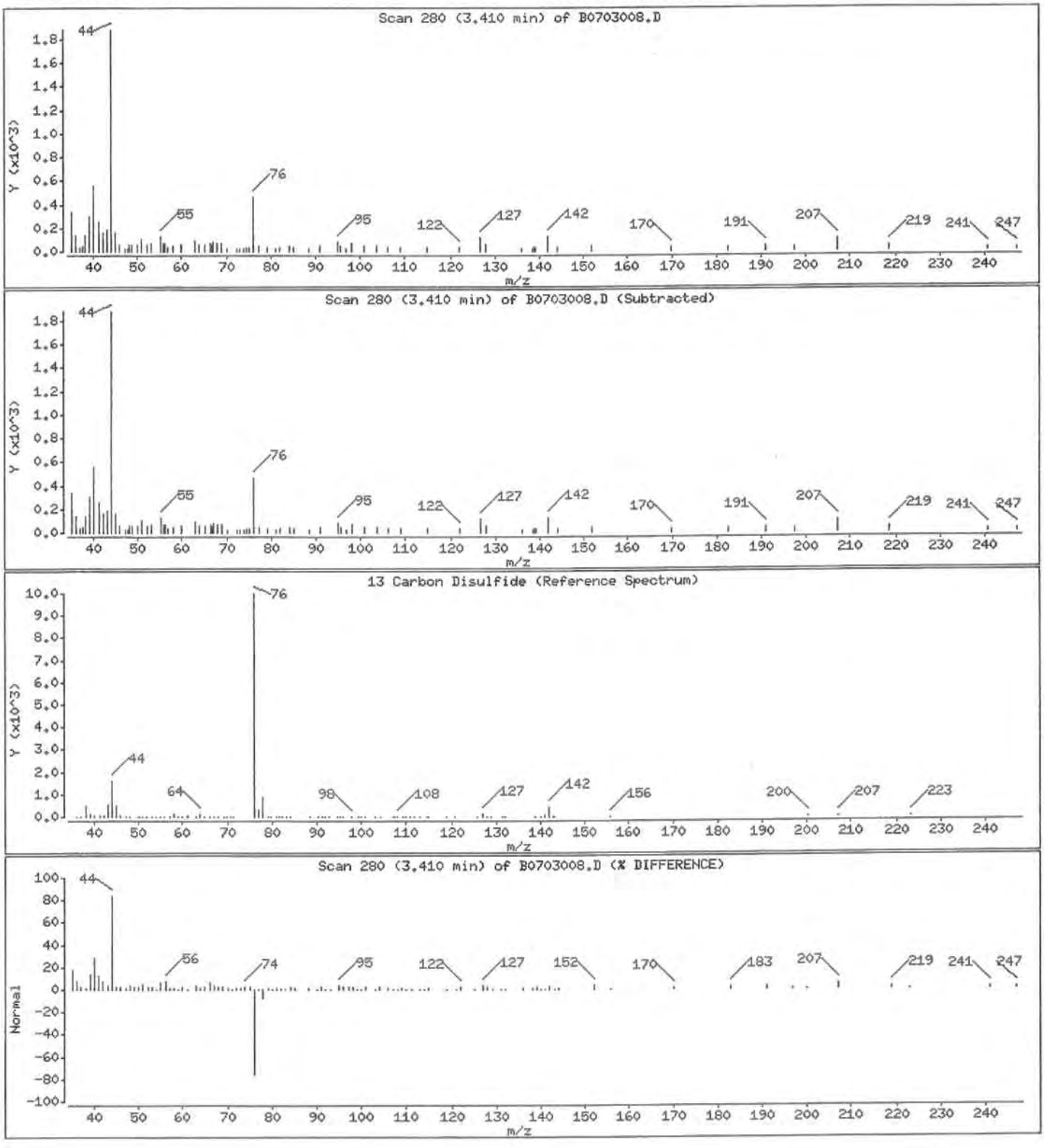
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

13 Carbon Disulfide

Concentration: 0.0104 ug/L



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Date : 15-FEB-2007 09:52

Client ID: Y34W7

Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-008

Purge Volume: 25.0

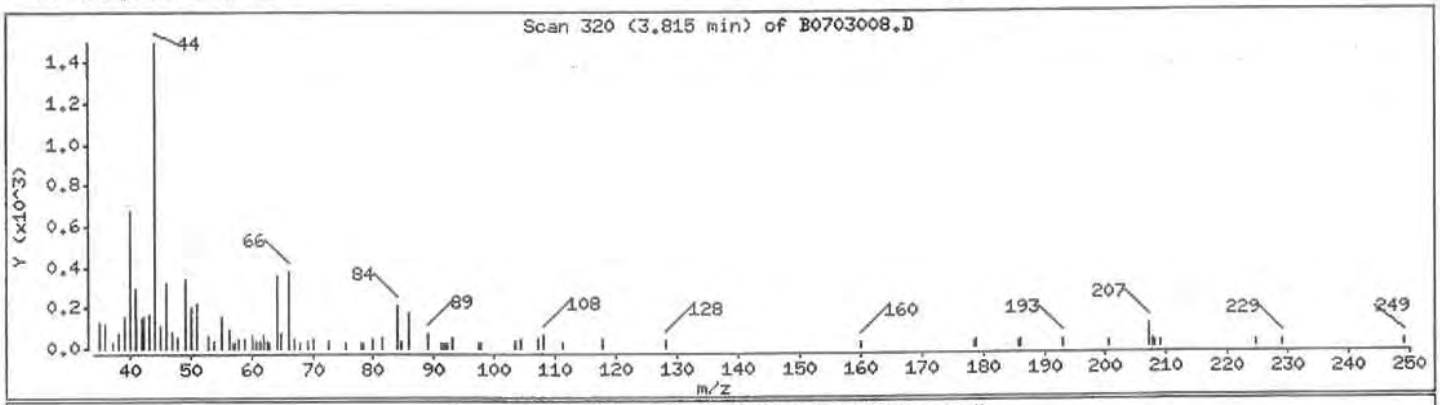
Operator: DLB

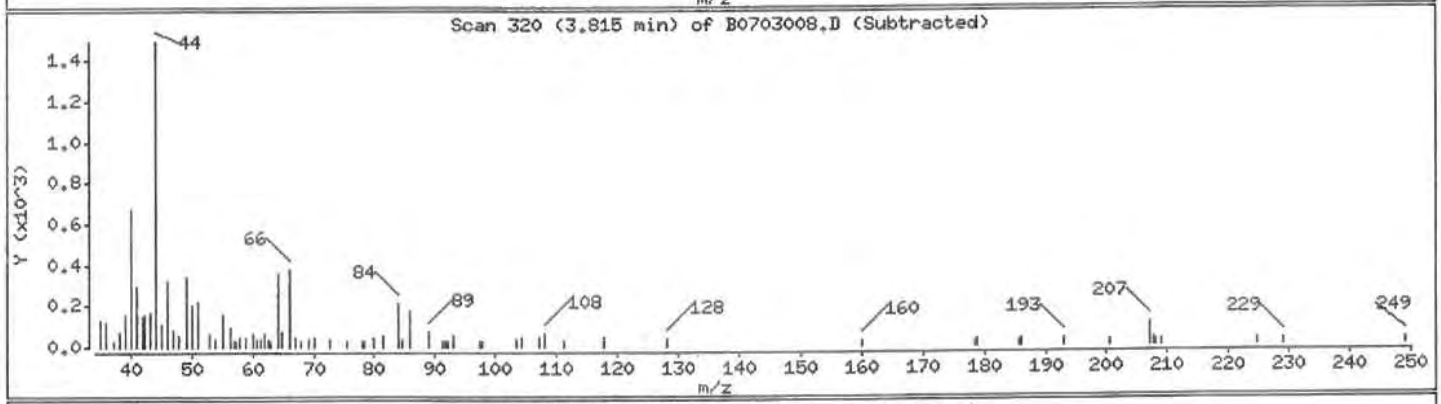
Column phase: DB-624

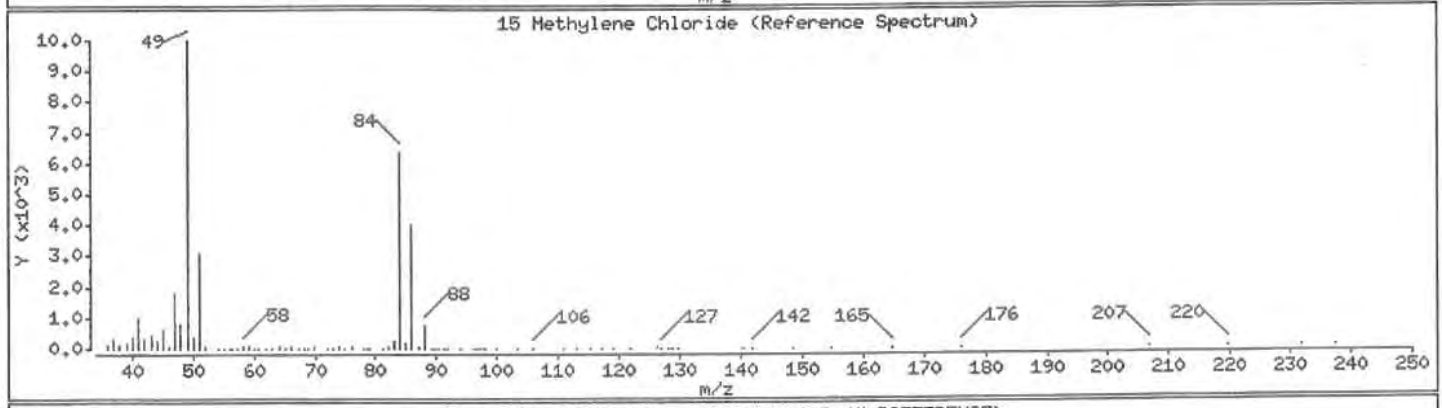
Column diameter: 0.25

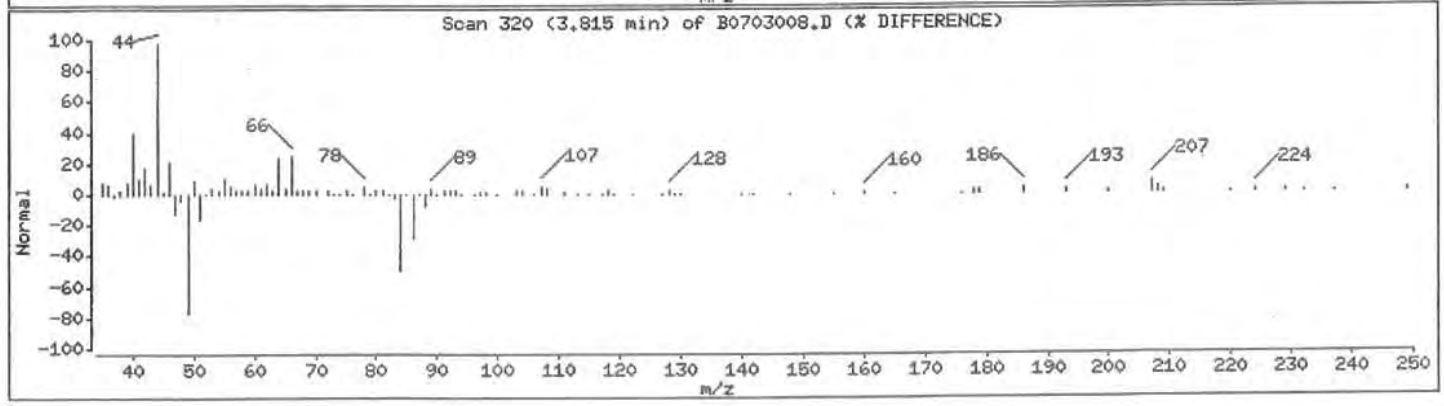
15 Methylene Chloride

Concentration: 0.0174 ug/L









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Date : 15-FEB-2007 09:52

Client ID: Y34W7

Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-008

Purge Volume: 25.0

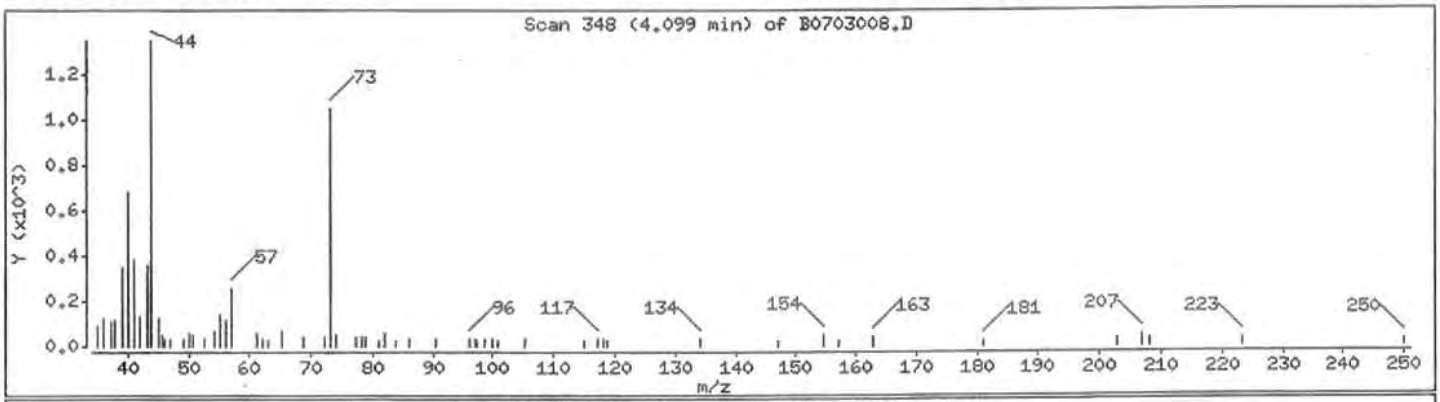
Operator: DLB

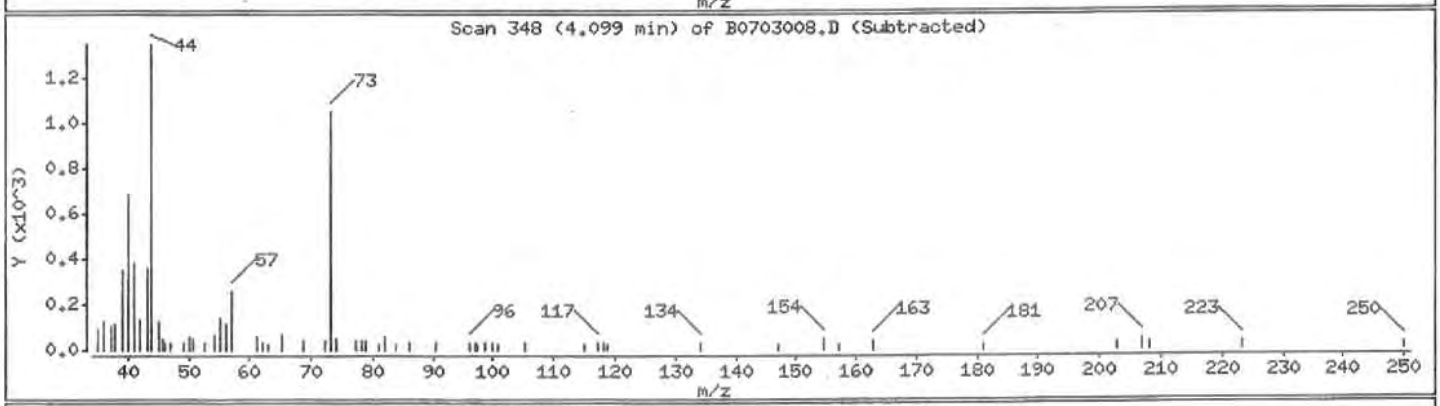
Column phase: DB-624

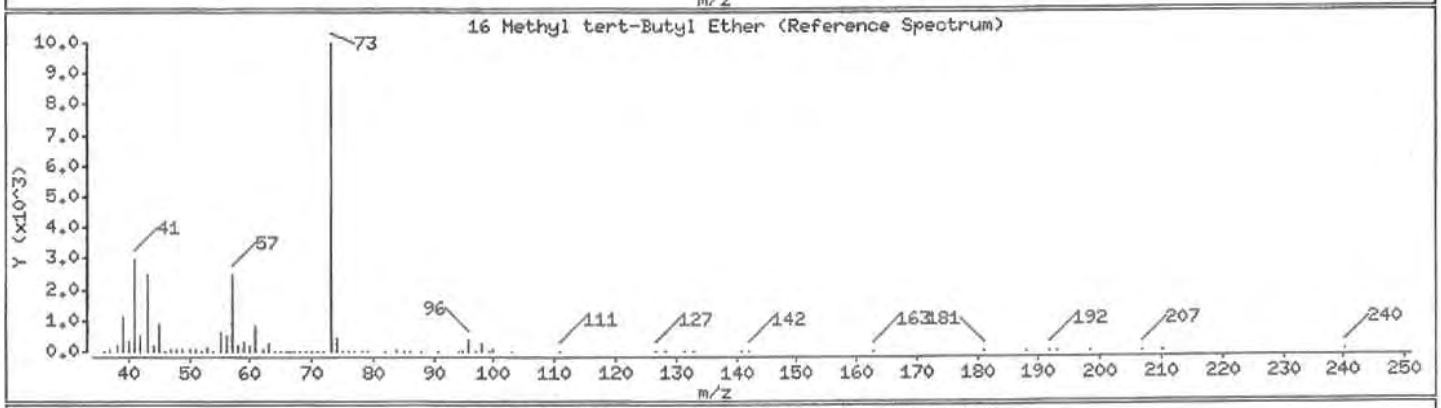
Column diameter: 0.25

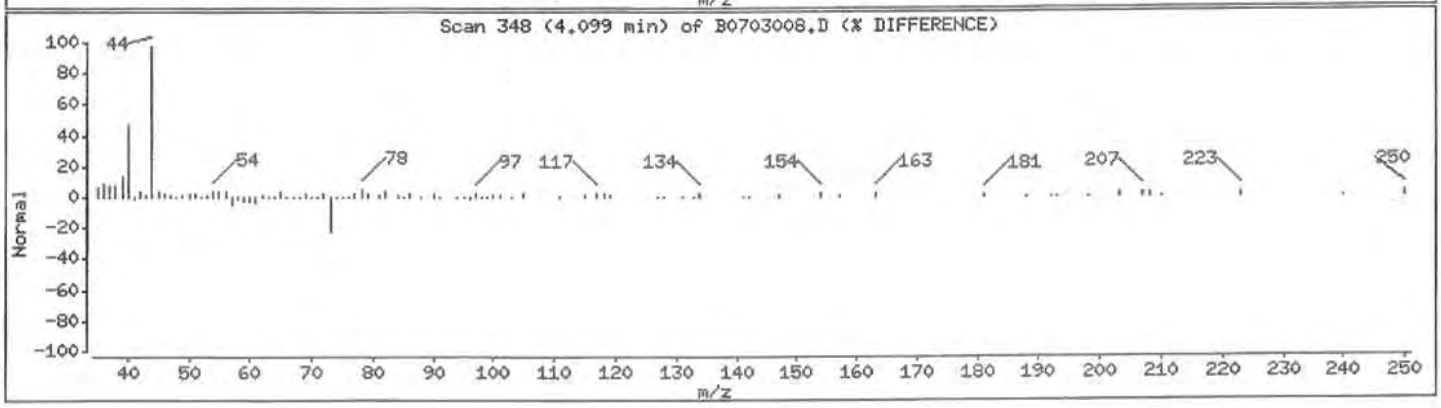
16 Methyl tert-Butyl Ether

Concentration: 0.0388 ug/L









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Date : 15-FEB-2007 09:52

Client ID: Y34W7

Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-008

Purge Volume: 25.0

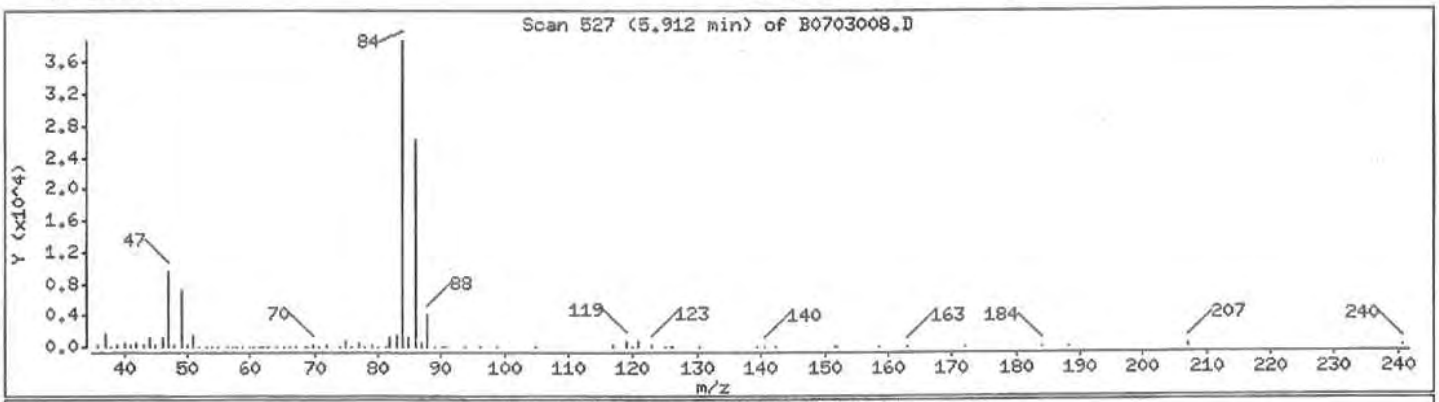
Operator: DLB

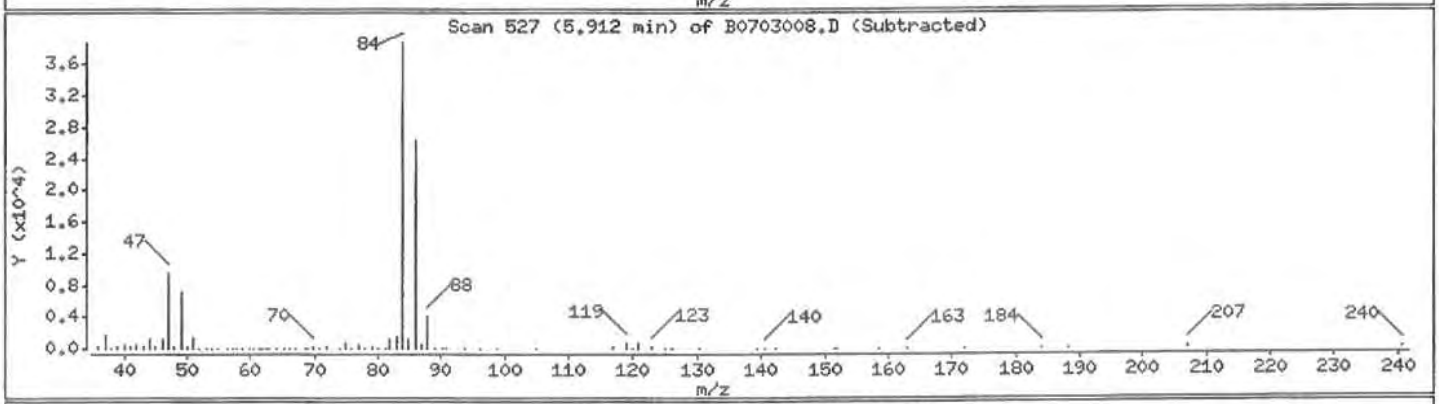
Column phase: DB-624

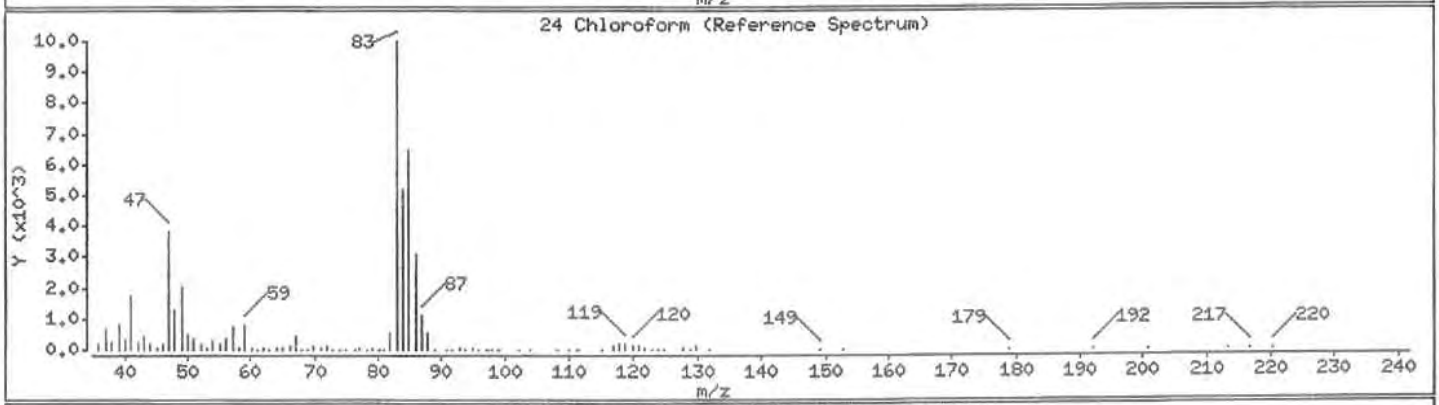
Column diameter: 0.25

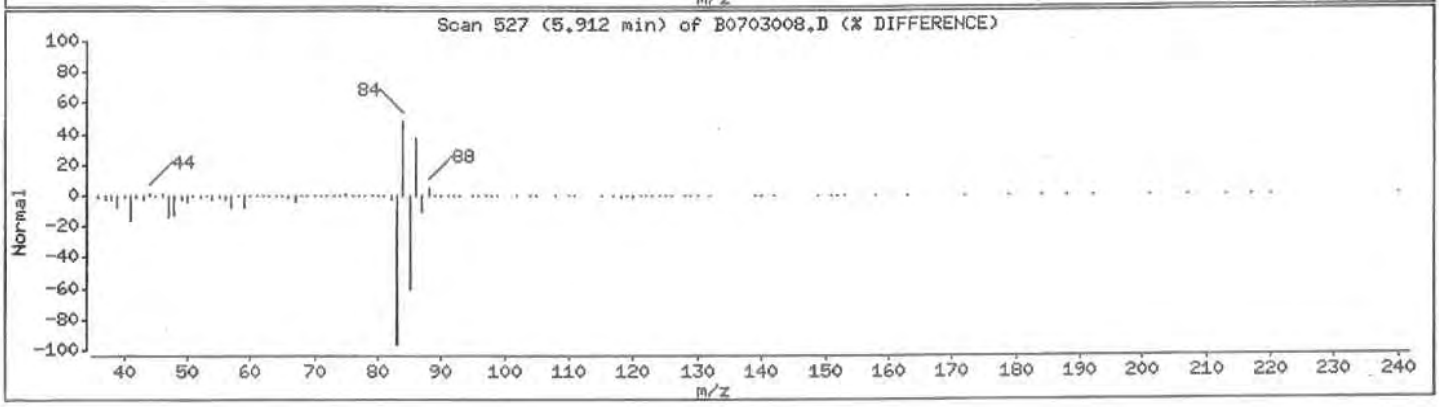
24 Chloroform

Concentration: 0.0563 ug/L









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Date : 15-FEB-2007 09:52

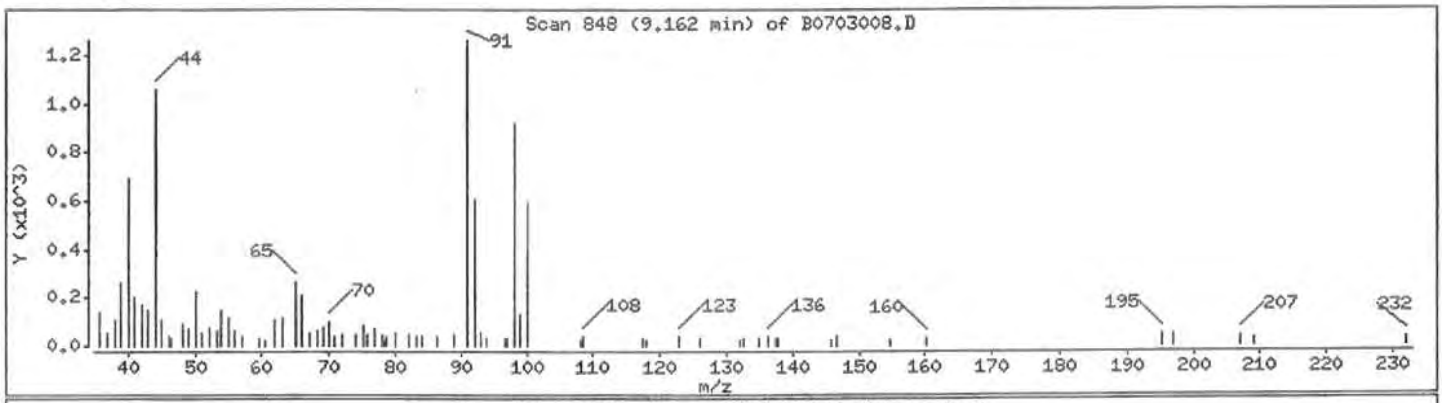
Client ID: Y34W7 Instrument: msd8.i

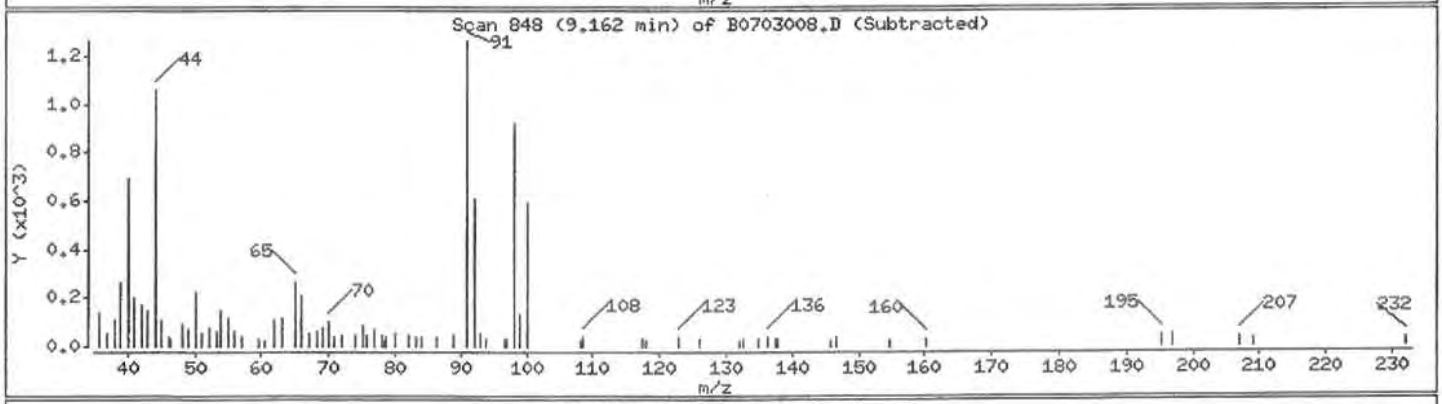
Sample Info: 8feb1507.b, IB07030-008

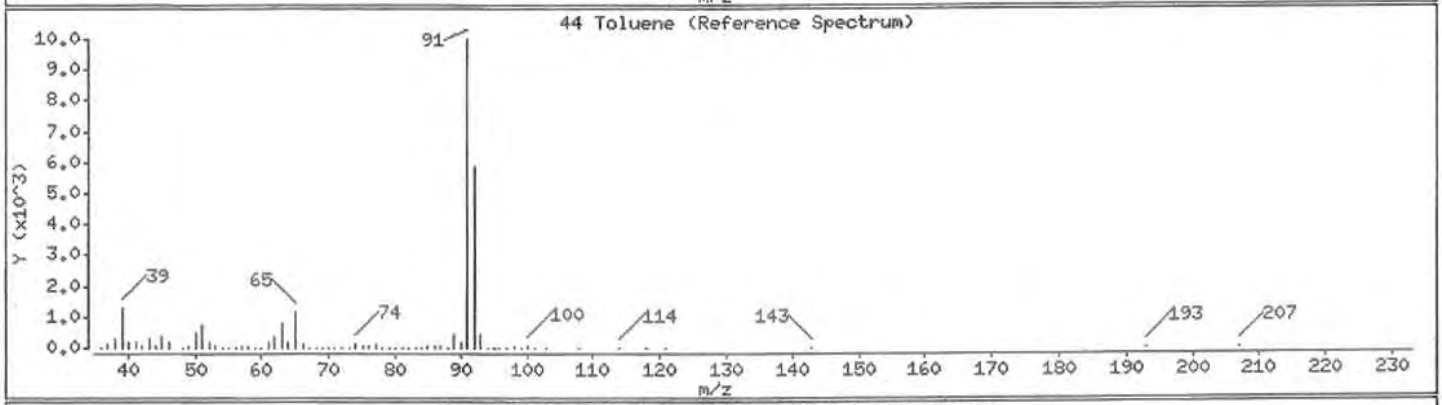
Purge Volume: 25.0 Operator: DLB

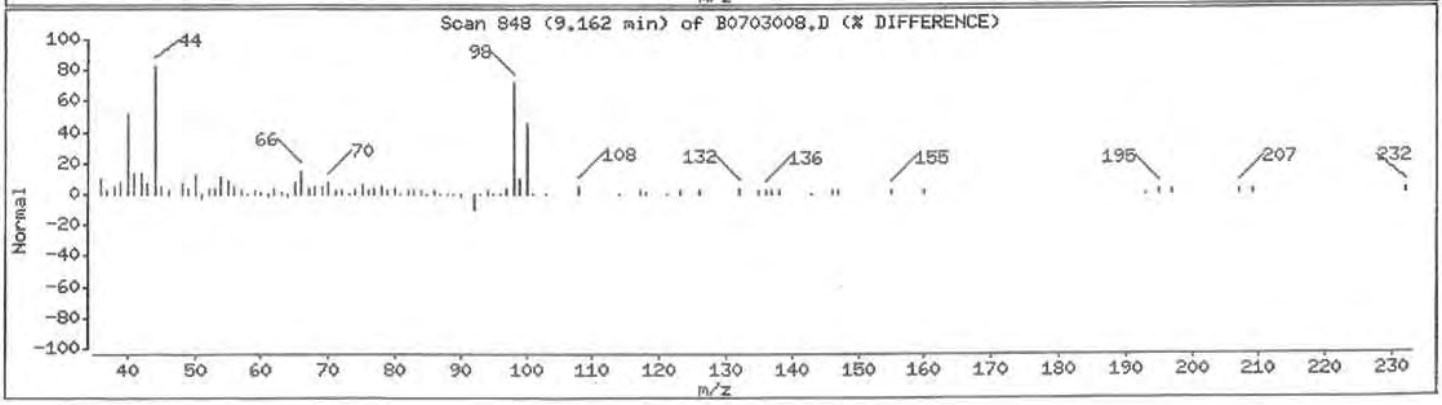
Column phase: DB-624 Column diameter: 0.25

44 Toluene Concentration: 0.0175 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1507.b\B0703008.D

Date : 15-FEB-2007 09:52

Client ID: Y34W7

Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-008

Purge Volume: 25.0

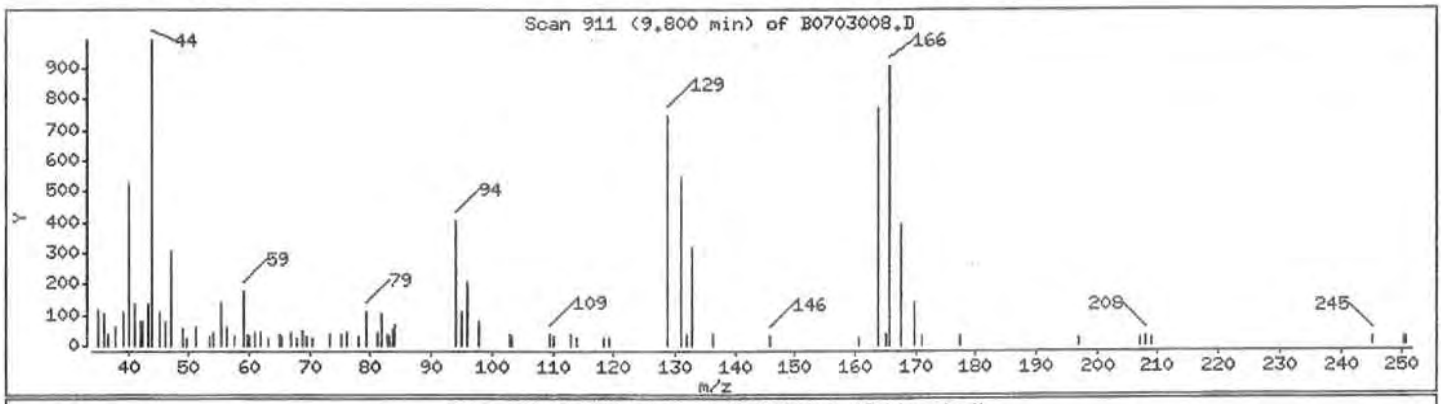
Operator: DLB

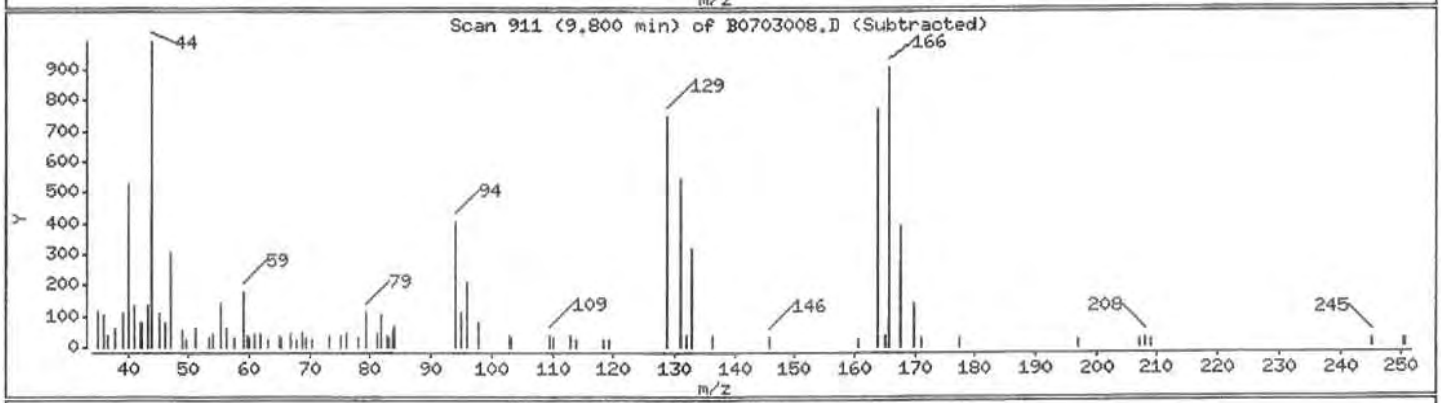
Column phase: DB-624

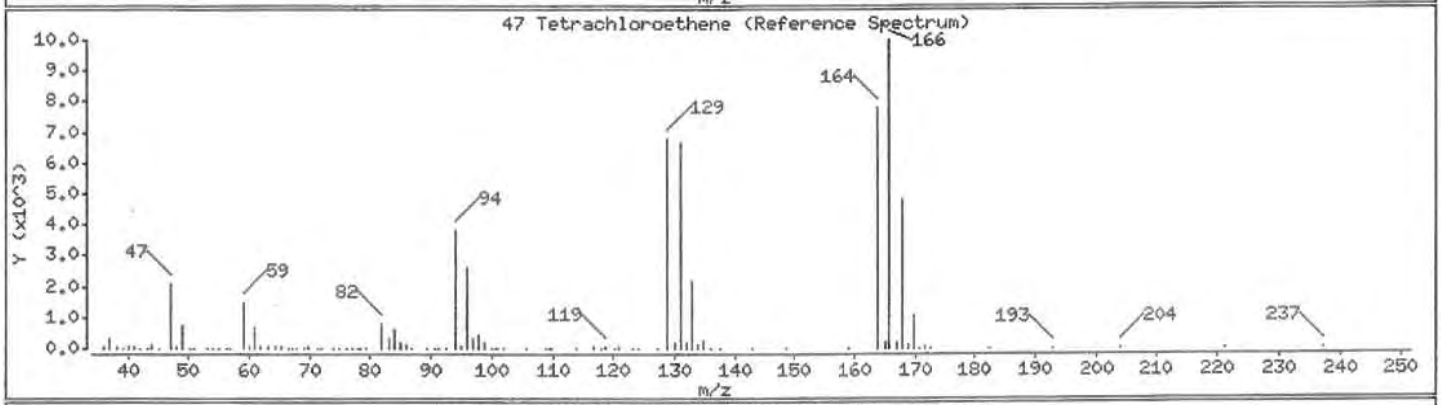
Column diameter: 0.25

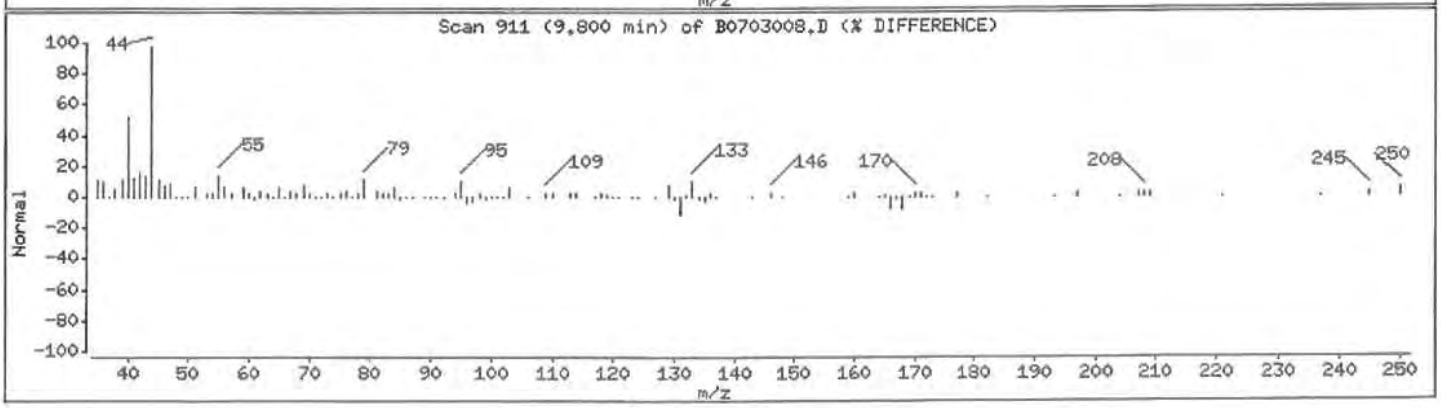
47 Tetrachloroethene

Concentration: 0.0486 ug/L









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Date : 15-FEB-2007 09:52

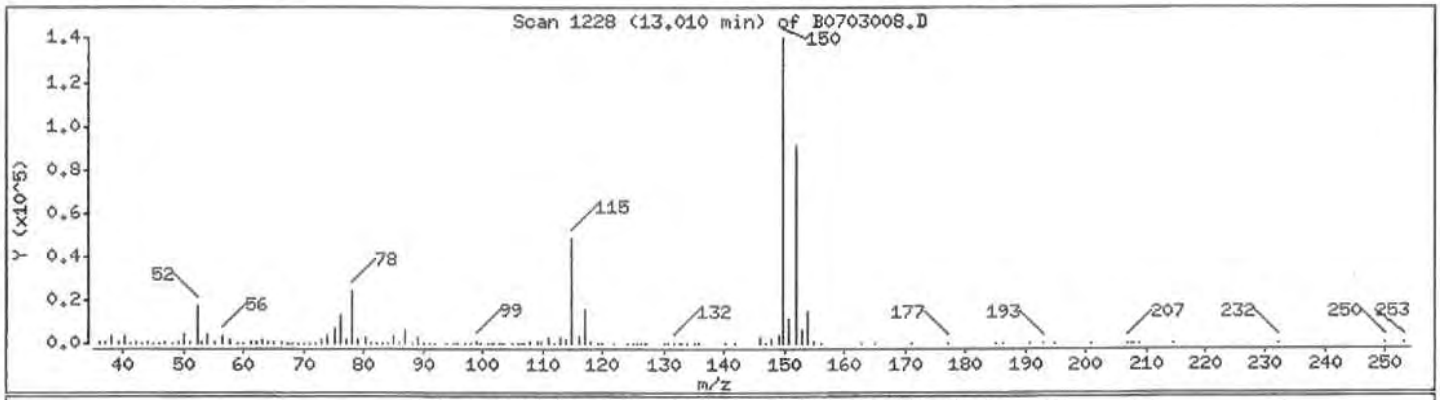
Client ID: Y34W7 Instrument: msd8.i

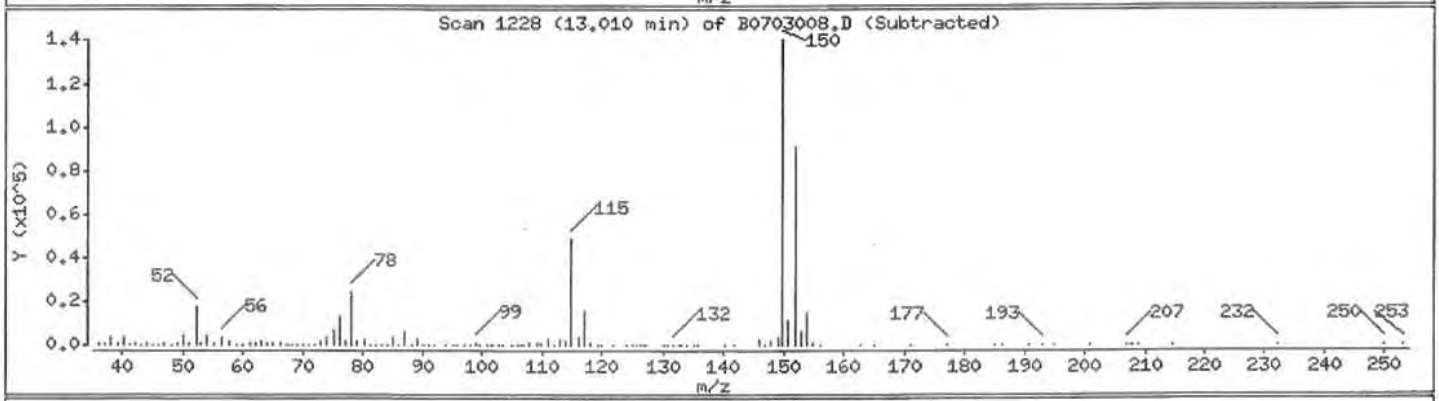
Sample Info: 8feb1507.b, IB07030-008

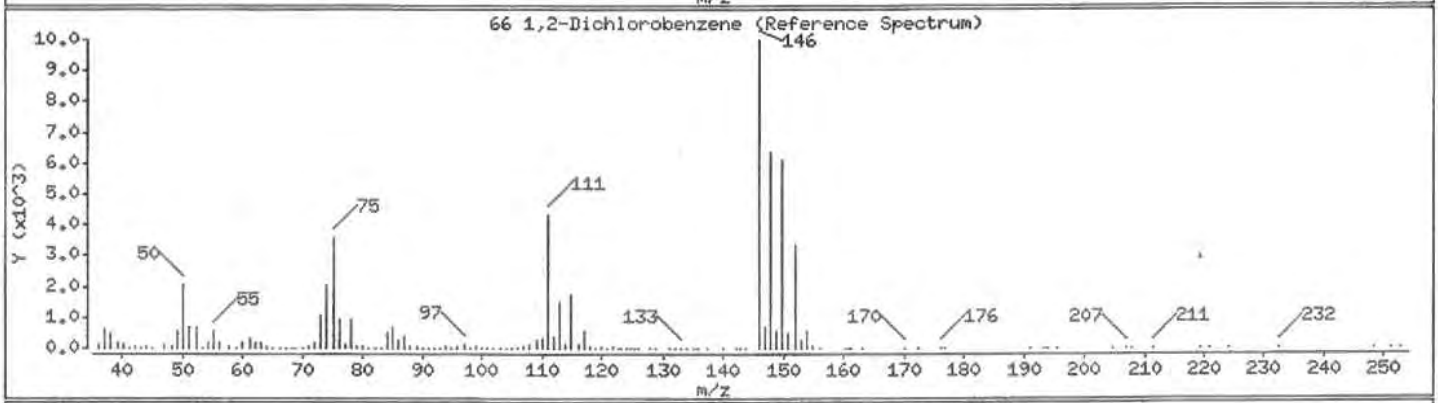
Purge Volume: 25.0 Operator: DLB

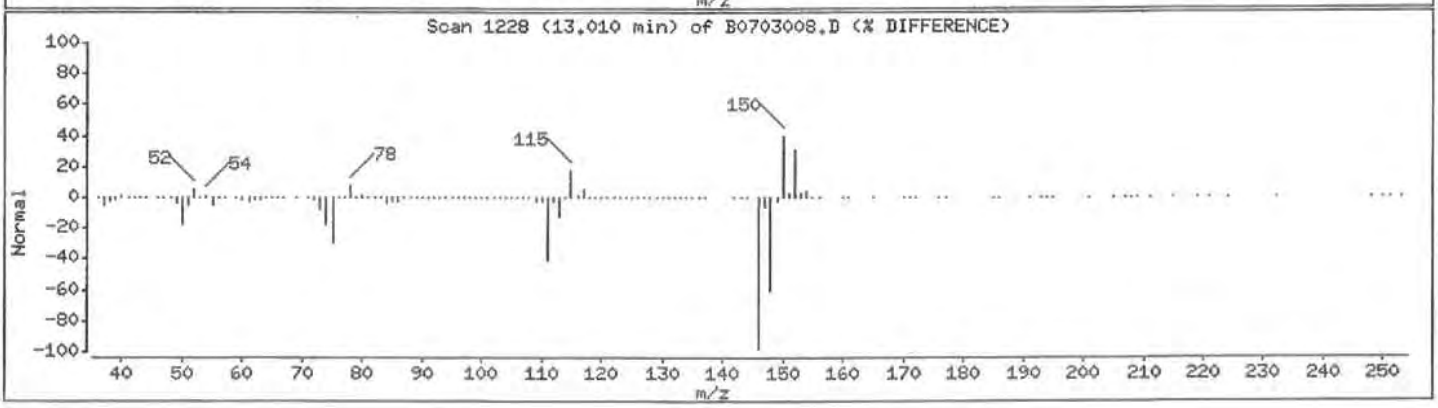
Column phase: DB-624 Column diameter: 0.25

66 1,2-Dichlorobenzene Concentration: 0.0553 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1507.b\B0703008.D

Date : 15-FEB-2007 09:52

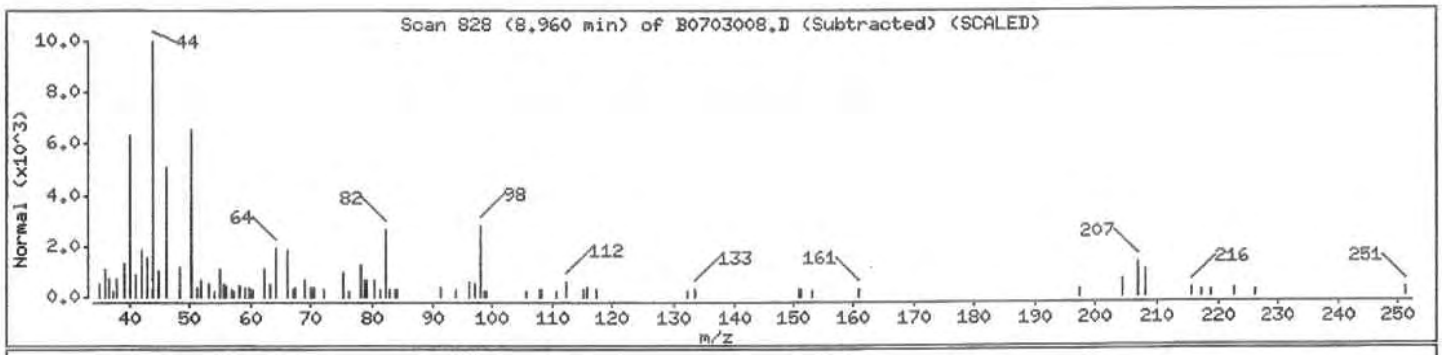
Client ID: Y34W7 Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-008

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 15-FEB-2007 09:52

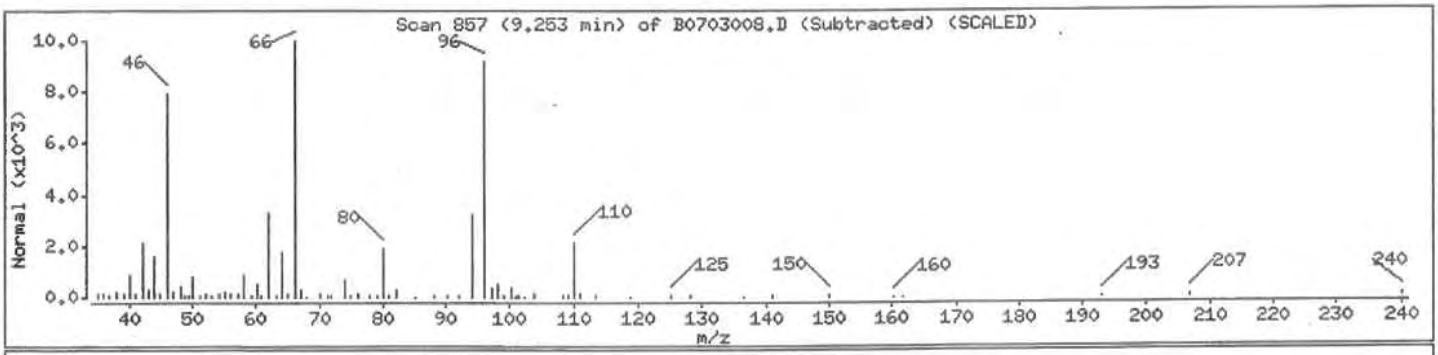
Client ID: Y34W7 Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-008

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 15-FEB-2007 09:52

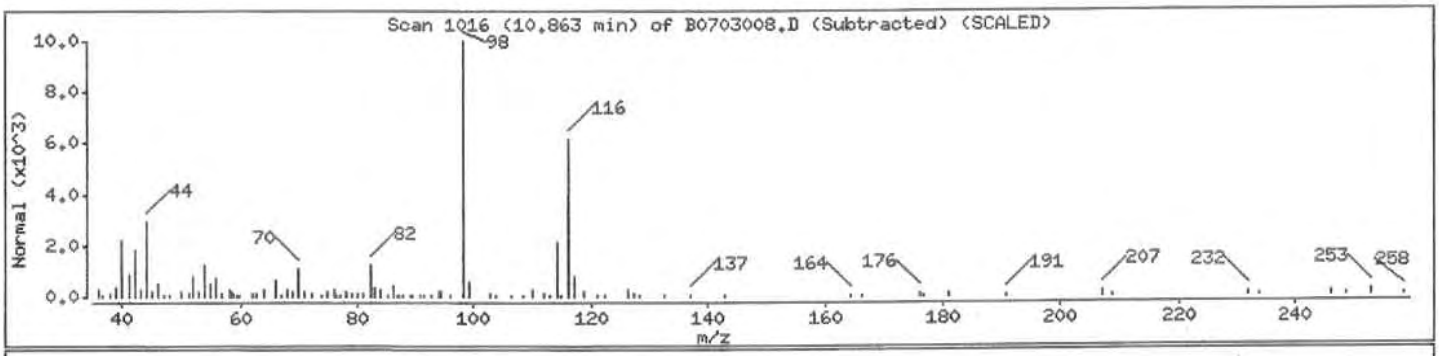
Client ID: Y34W7 Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-008

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 15-FEB-2007 09:52

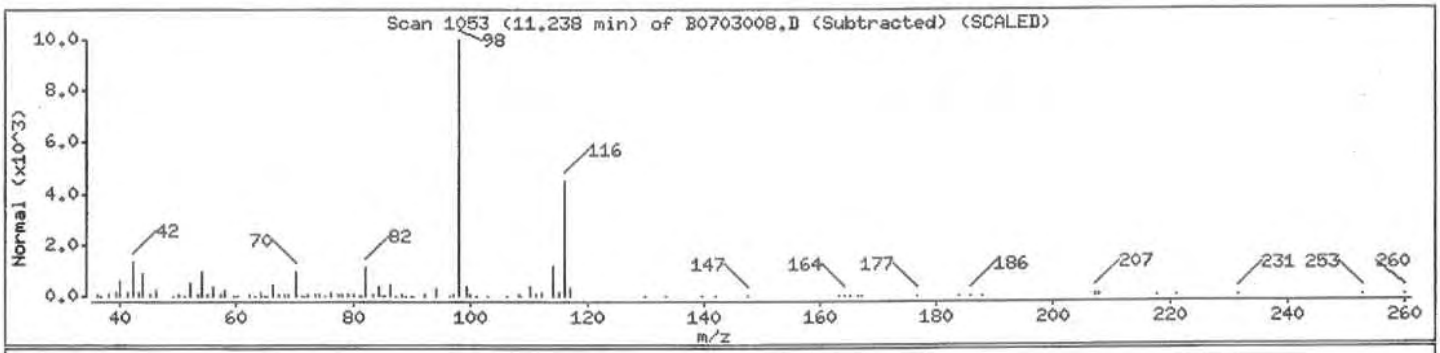
Client ID: Y34W7 Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-008

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 15-FEB-2007 09:52

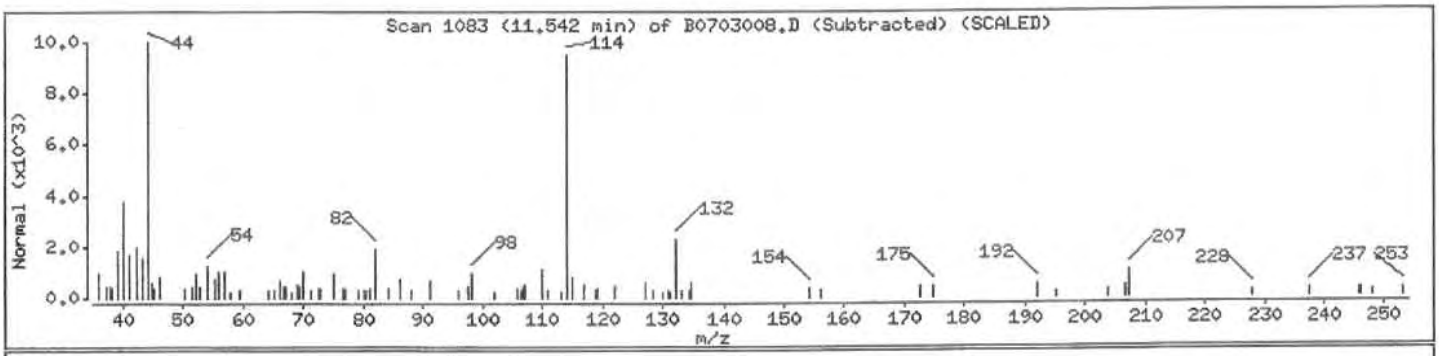
Client ID: Y34W7 Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-008

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 15-FEB-2007 09:52

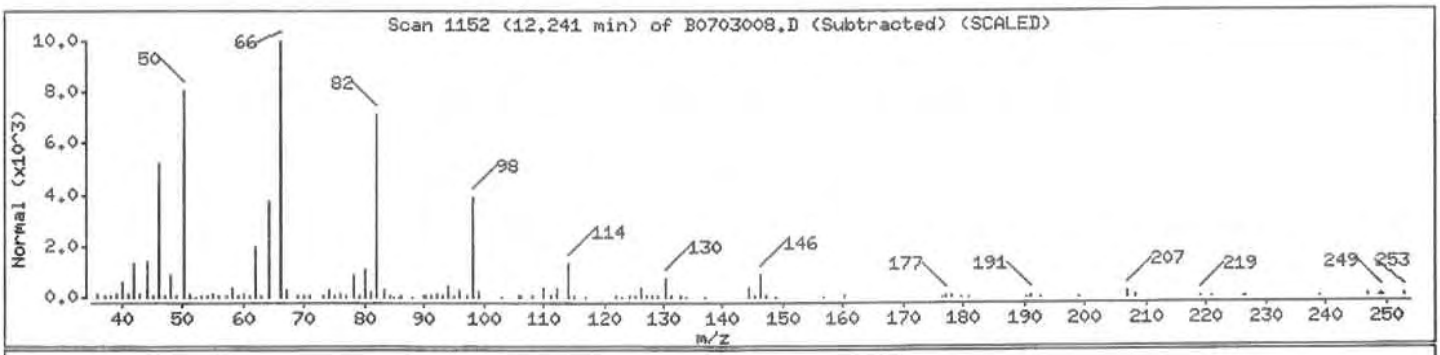
Client ID: Y34W7 Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-008

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W8

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-009

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703009

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/15/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.064	J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	1.6	JB
75-15-0	Carbon disulfide	0.0081	J
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.045	J
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.060	JB
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W8

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-009

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703009

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/15/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.30	J
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.098	J
179601-23-1	m,p-Xylene	0.23	J
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W8

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-009

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703009

Level: (TRACE/LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/15/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
Y34W8

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-009

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703009

Level: (TRACE or LOW/MED) TRACE Date Received: 02/07/2007

% Moisture: not dec. Date Analyzed: 02/15/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	10.833	290	J
02		Unknown-02	11.542	4.4	J
03		Unknown-03	12.443	4.3	JB
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1507.b\B0703009.D
Lab Smp Id: IB07030-009 Client Smp ID: Y34W8
Inj Date : 15-FEB-2007 10:14
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1507.b, IB07030-009
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb1507.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:18 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 51
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
1	Dichlorodifluoromethane	85	Compound Not Detected.					
2	Chloromethane	50	Compound Not Detected.					
$ 3	Vinyl Chloride-d3	65	1.911	1.911	(0.267)	174423	7.23398	7.2339(R)
4	Vinyl Chloride	62	Compound Not Detected.					
5	Bromomethane	94	Compound Not Detected.					
$ 6	Chloroethane-d5	69	2.336	2.336	(0.327)	140564	6.40510	6.4051(R)
7	Chloroethane	64	Compound Not Detected.					
8	Trichlorofluoromethane	101	Compound Not Detected.					
$ 9	1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	295573	4.76147	4.7614
11	1,1-Dichloroethene	96	3.136	3.147	(0.439)	1856	0.06375	0.0637(aQ)
10	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
12	Acetone	43	3.288	3.288	(0.460)	5575	1.60707	1.6070(a)
13	Carbon Disulfide	76	3.410	3.410	(0.477)	817	0.00814	0.0081(a)
14	Methyl Acetate	43	Compound Not Detected.					
15	Methylene Chloride	84	3.815	3.825	(0.534)	1558	0.04517	0.0451(a)
16	Methyl tert-Butyl Ether	73	Compound Not Detected.					
17	trans-1,2-Dichloroethene	96	Compound Not Detected.					
18	1,1-Dichloroethane	63	Compound Not Detected.					
$ 19	2-Butanone-d5	46	5.455	5.455	(0.763)	419847	45.1366	45.1366(Q)
20	cis-1,2-Dichloroethene	96	Compound Not Detected.					
21	2-Butanone	43	Compound Not Detected.					
22	Bromochloromethane	128	Compound Not Detected.					
$ 23	Chloroform-d	84	5.881	5.881	(0.823)	317181	5.39955	5.3995(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	24 Chloroform	83	5.911	5.901	(0.827)	3727	0.06032	0.0603(aQ)
	25 1,1,1-Trichloroethane	97	Compound Not Detected.					
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon Tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	169157	5.63826	5.6382(Q)
$	29 Benzene-d6	84	6.529	6.529	(0.608)	703423	5.64173	5.6417
	30 Benzene	78	Compound Not Detected.					
	31 1,2-Dichloroethane	62	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	7.146	7.146	(1.000)	544233	5.00000	
	33 Trichloroethene	95	Compound Not Detected.					
$	34 1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	228035	5.62637	5.6263
	35 Methylcyclohexane	83	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
$	39 1,4-Dioxane-d8	96	7.936	7.916	(1.111)	22461	195.354	195.3543(Q)
	38 1,4-Dioxane	88	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
$	40 trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	101454	4.37859	4.3785
	41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	43 Toluene-d8	98	9.080	9.070	(0.846)	616621	5.44560	5.4455
	44 Toluene	91	9.161	9.162	(0.854)	44944	0.30335	0.3033(a)
	45 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	46 1,1,2-Trichloroethane	97	Compound Not Detected.					
	47 Tetrachloroethene	164	Compound Not Detected.					
$	48 2-Hexanone-d5	63	9.961	9.961	(0.928)	537081	49.2431	49.2430
	49 2-Hexanone	43	Compound Not Detected.					
	50 Dibromochloromethane	129	Compound Not Detected.					
	51 1,2-Dibromoethane	107	Compound Not Detected.					
*	52 Chlorobenzene-d5	117	10.731	10.731	(1.000)	492960	5.00000	
	53 Chlorobenzene	112	Compound Not Detected.					
	54 Ethylbenzene	91	Compound Not Detected.					
	55 m+p-Xylenes	106	10.944	10.944	(1.020)	14884	0.22866	0.2286(a)
	56 o-Xylene	106	11.318	11.318	(1.055)	6242	0.09820	0.0981(a)
	57 Styrene	104	Compound Not Detected.					
	58 Bromoform	173	Compound Not Detected.					
	59 Isopropylbenzene	105	Compound Not Detected.					
$	60 1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	147175	4.78613	4.7861
	61 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	62 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	63 1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	233368	5.00000	
	64 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	65 1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	208360	5.17966	5.1796(Q)
	66 1,2-Dichlorobenzene	146	Compound Not Detected.					
	67 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
	68 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	69 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
	72 tert-butyl alcohol	59	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1507.b\B0703009.D
Lab Smp Id: IB07030-009 Client Smp ID: Y34W8
Inj Date : 15-FEB-2007 10:14
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1507.b, IB07030-009
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb1507.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:18 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 51
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

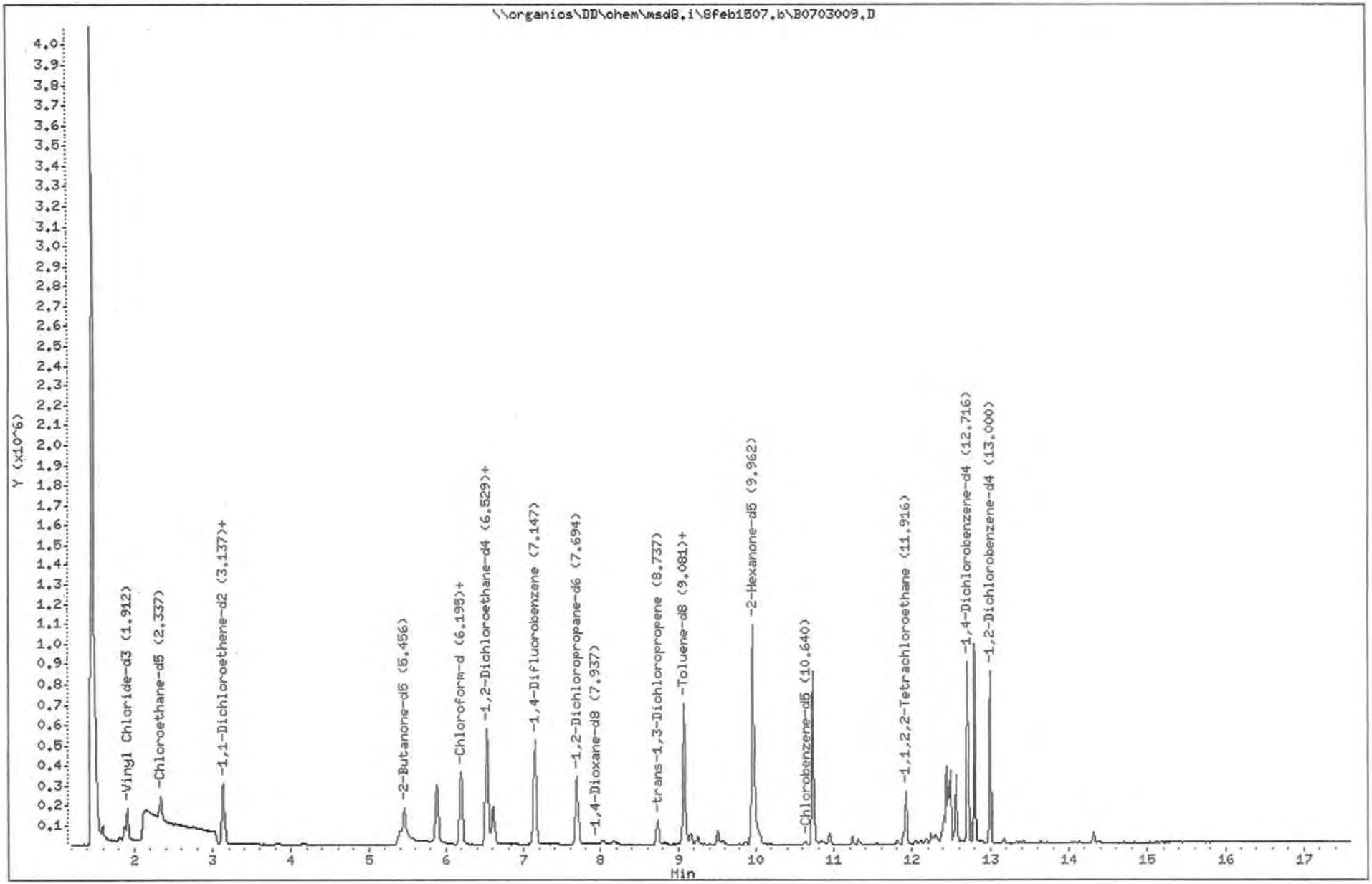
Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 52 Chlorobenzene-d5	10.732	27279	5.000
* 63 1,4-Dichlorobenzene-d4	12.716	3122697	5.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
10.833	1609421	294.984153	294.9841	0		0	52
Unknown				CAS #:			
11.542	24100	4.41719424	4.4171	0		0	52
Unknown				CAS #:			
12.443	2668088	4.27208838	4.2720	0		0	63

Data File: \\organics\DD\chem\msd8.i\8feb1507.b\B0703009.D
Date : 15-FEB-2007 10:14
Client ID: Y34W8
Sample Info: 8feb1507.b, IB07030-009
Purge Volume: 25.0
Column phase: DB-624

Instrument: msd8.i
Operator: DLB
Column diameter: 0.25



Data File: \\organics\DD\chem\msd8.i\8feb1507.b\B0703009.D

Date : 15-FEB-2007 10:14

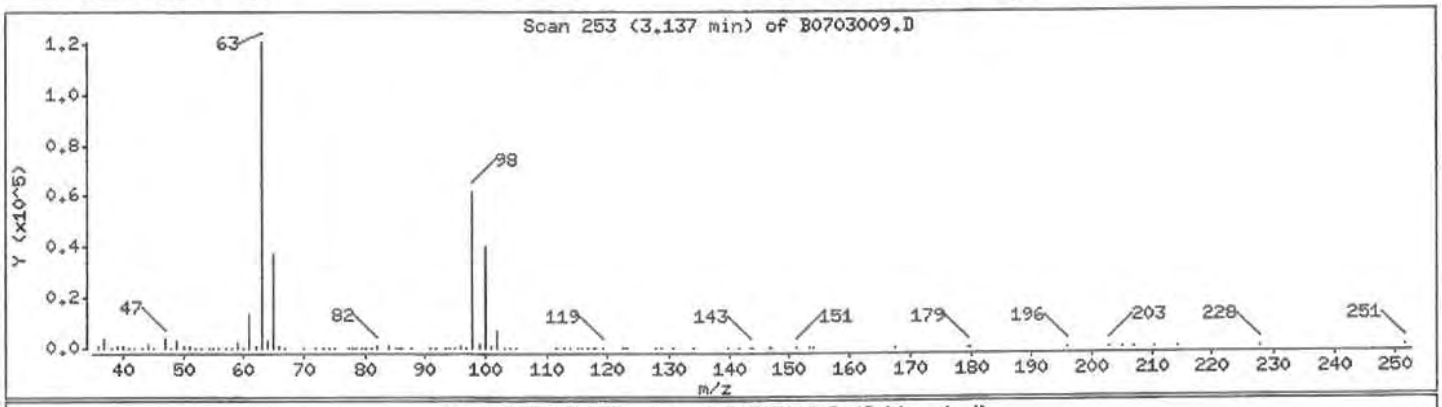
Client ID: Y34W8 Instrument: msd8.i

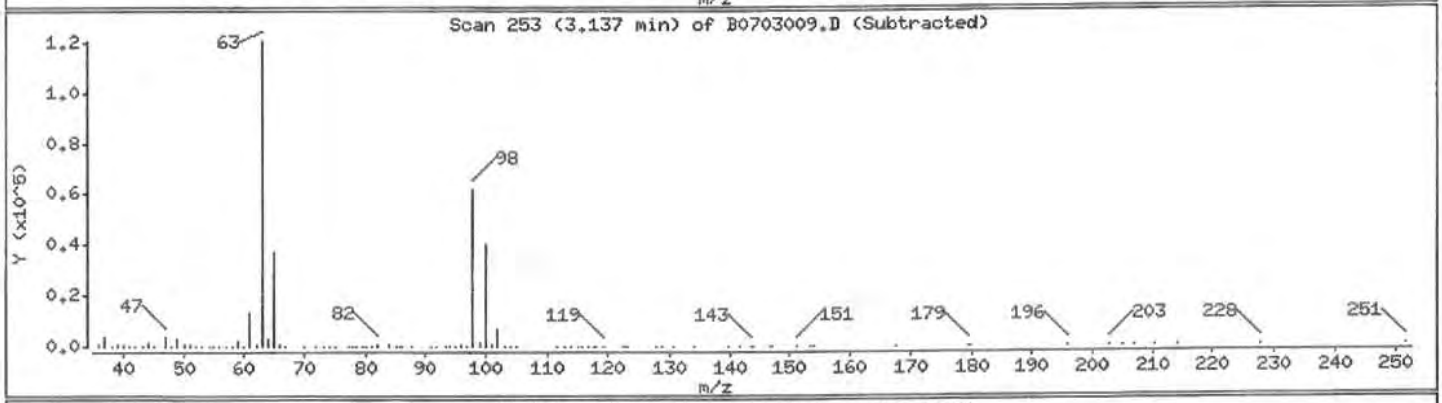
Sample Info: 8feb1507.b, IB07030-009

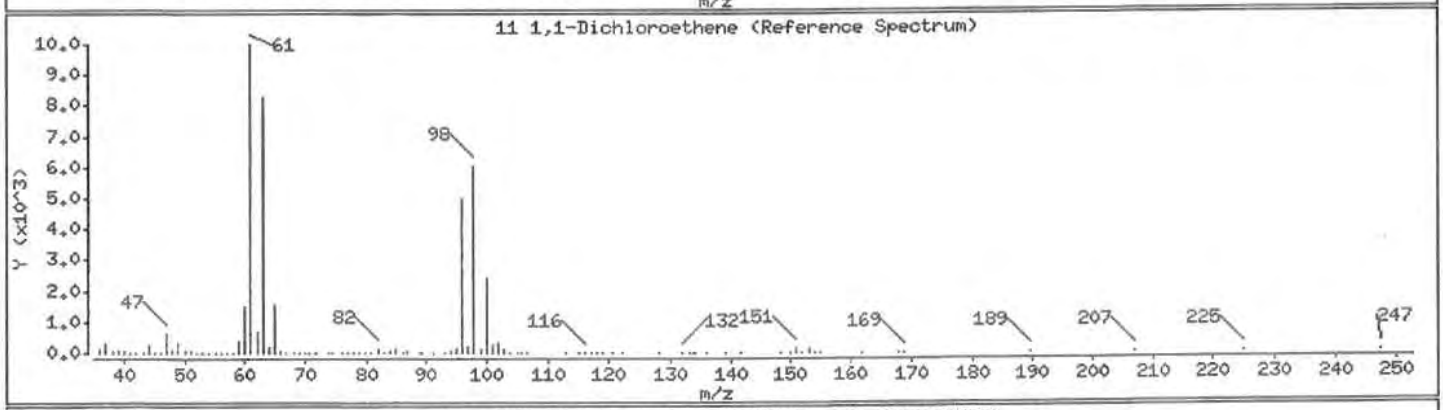
Purge Volume: 25.0 Operator: DLB

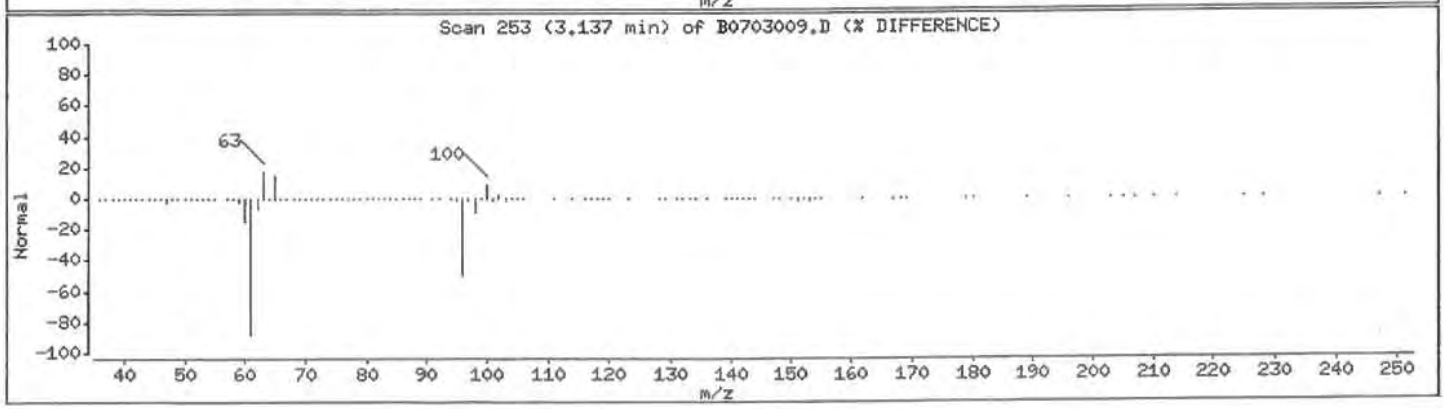
Column phase: DB-624 Column diameter: 0.25

11 1,1-Dichloroethene Concentration: 0.0637 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1507.b\B0703009.D

Date : 15-FEB-2007 10:14

Client ID: Y34W8

Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-009

Purge Volume: 25.0

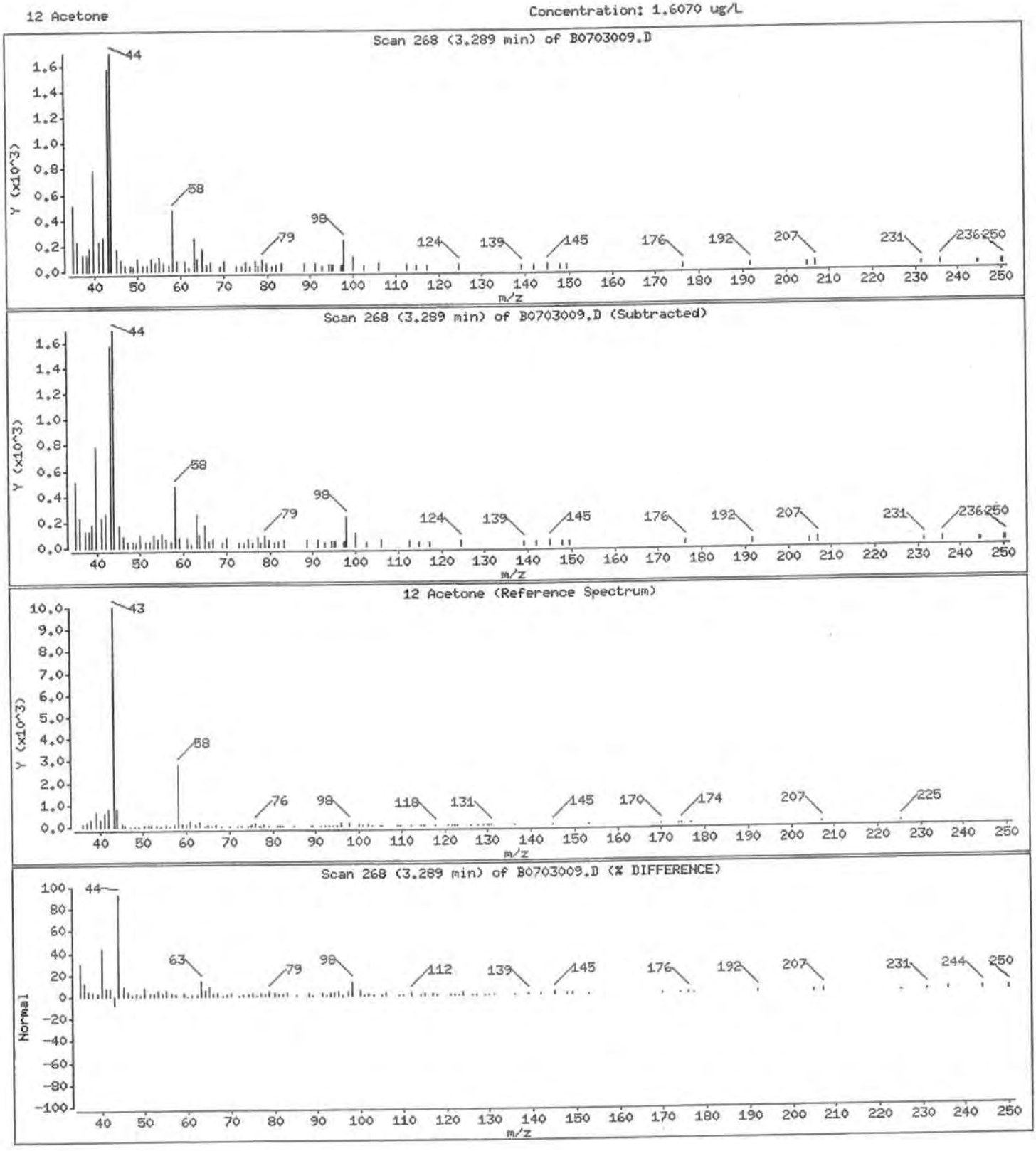
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

12 Acetone

Concentration: 1.6070 ug/L



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Date : 15-FEB-2007 10:14

Client ID: Y34W8

Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-009

Purge Volume: 25.0

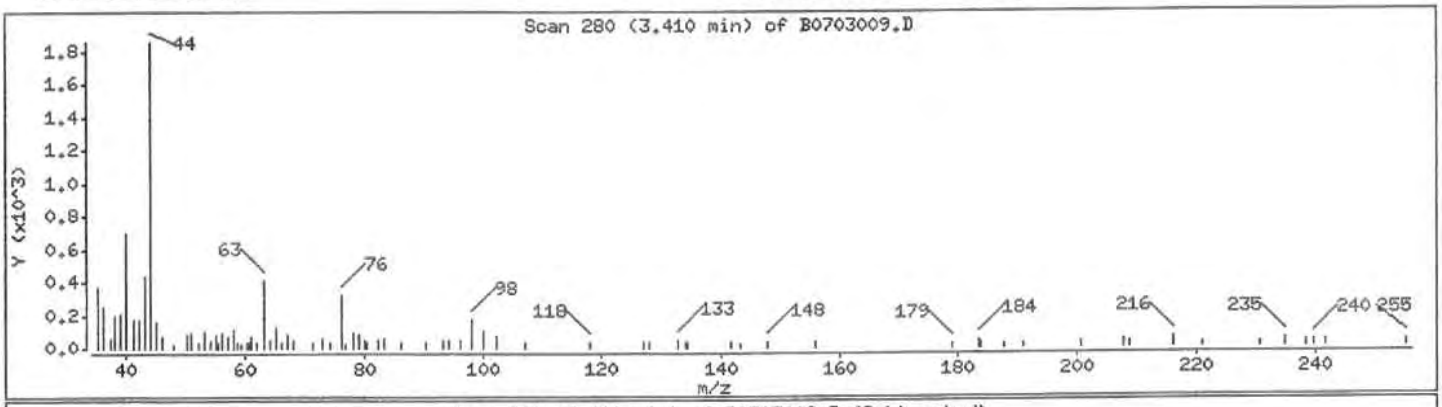
Operator: DLB

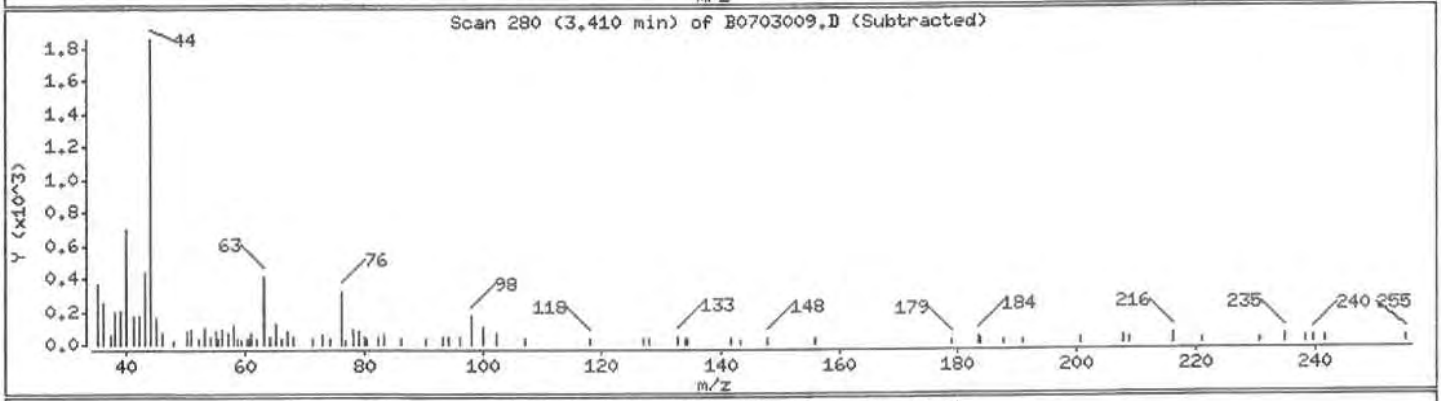
Column phase: DB-624

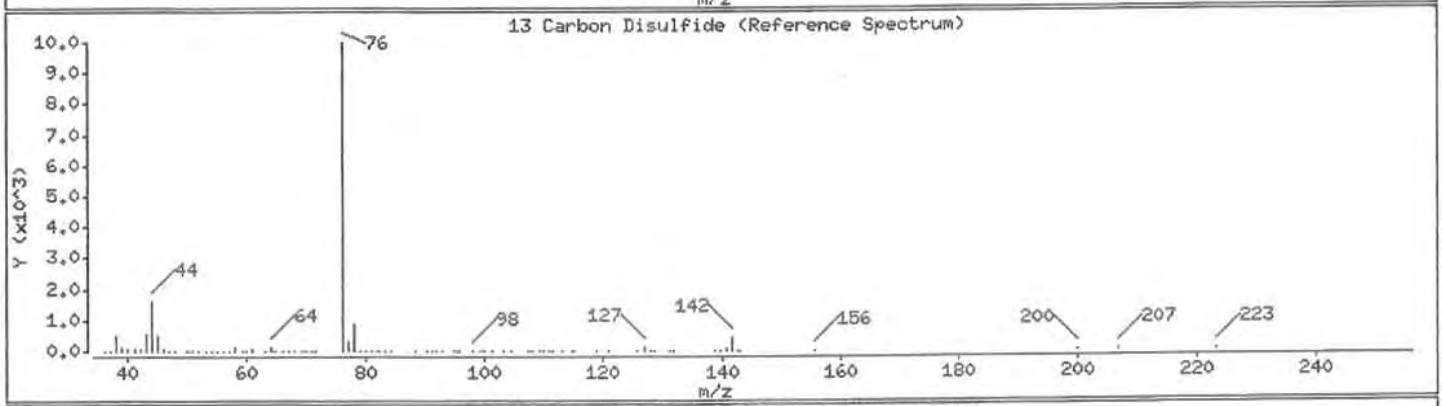
Column diameter: 0.25

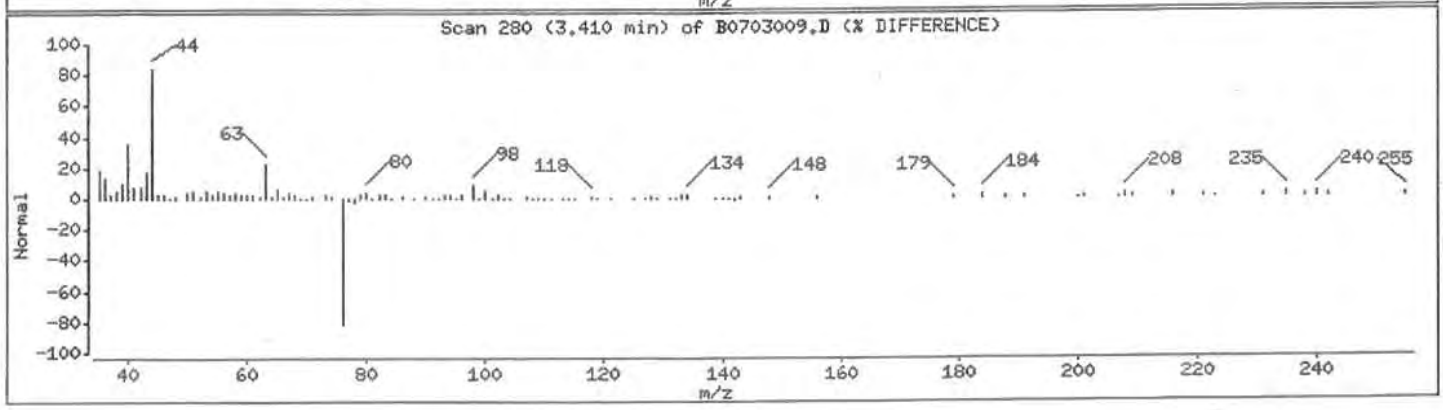
13 Carbon Disulfide

Concentration: 0.0081 ug/L









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Date : 15-FEB-2007 10:14

Client ID: Y34W8

Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-009

Purge Volume: 25.0

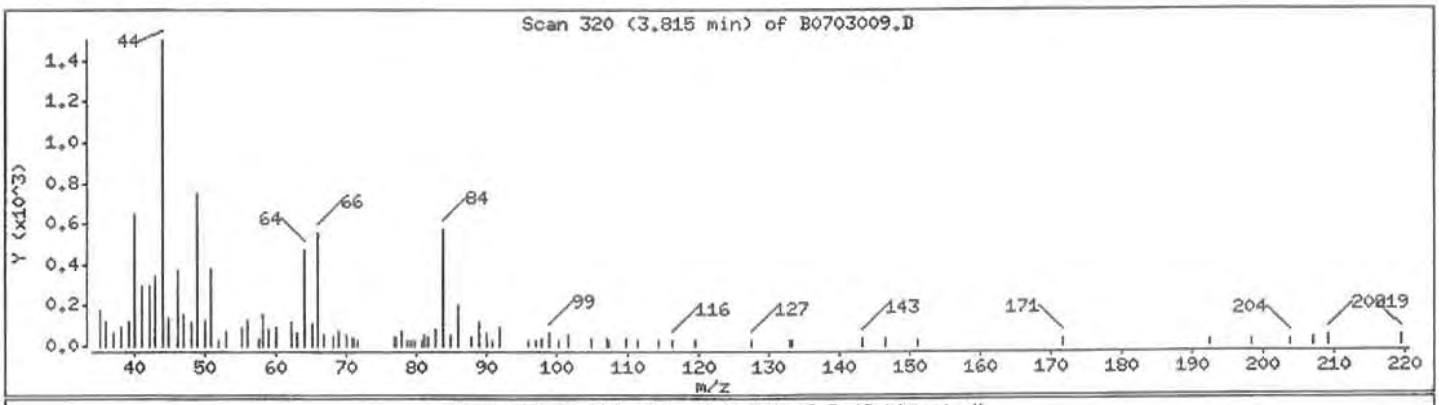
Operator: DLB

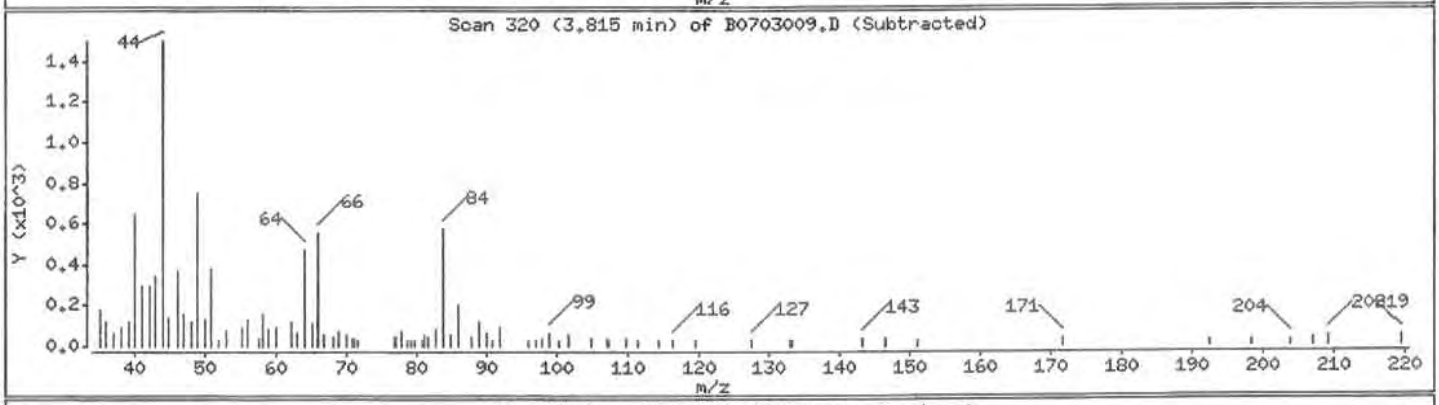
Column phase: DB-624

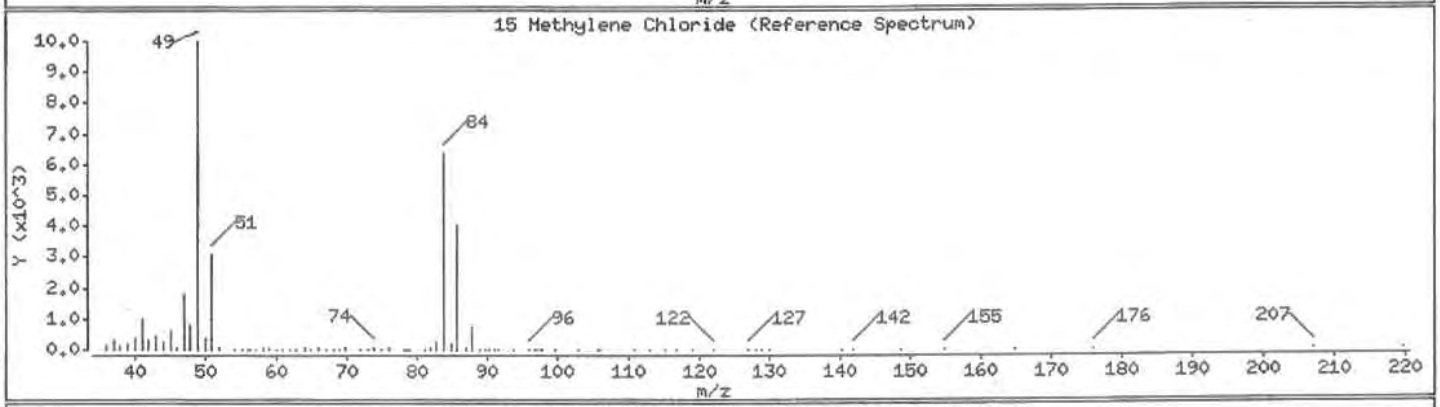
Column diameter: 0.25

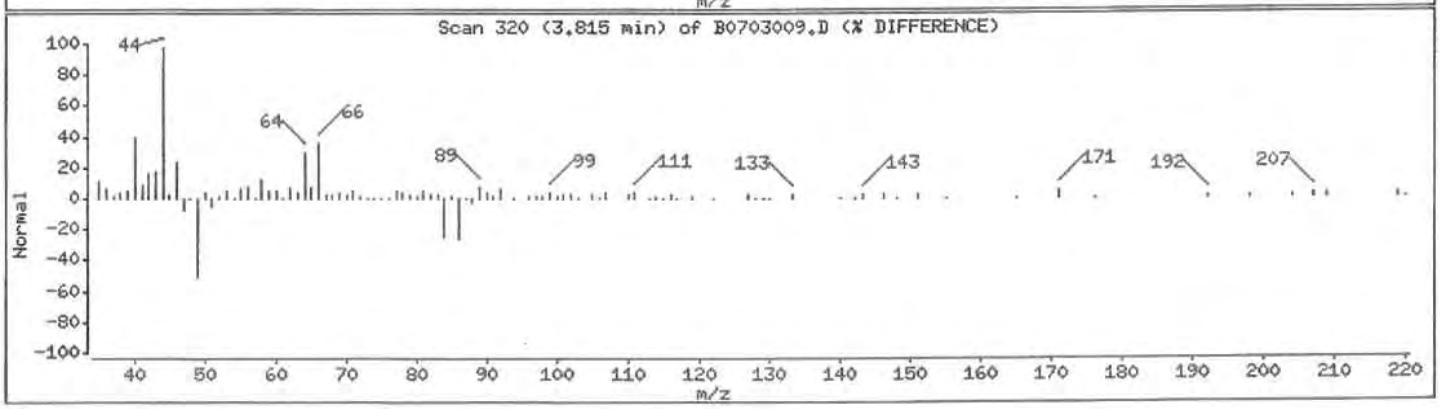
15 Methylene Chloride

Concentration: 0.0451 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1507.b\B0703009.D

Date : 15-FEB-2007 10:14

Client ID: Y34W8

Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-009

Purge Volume: 25.0

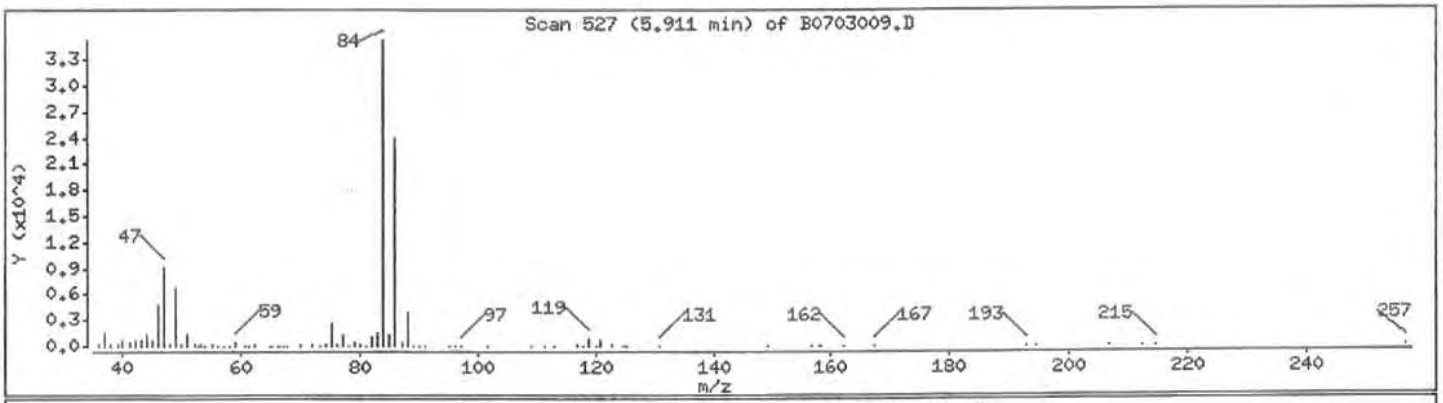
Operator: DLB

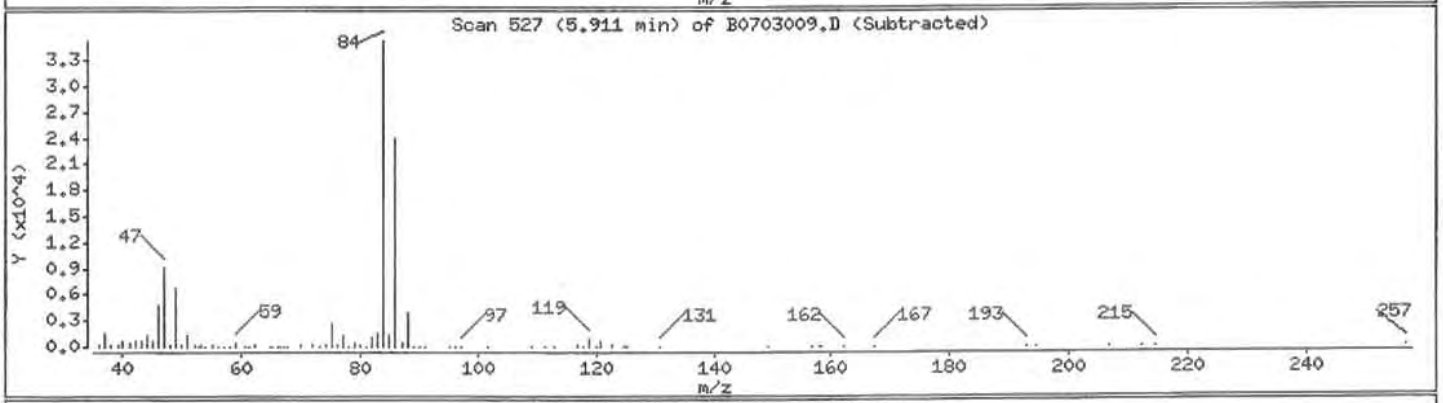
Column phase: DB-624

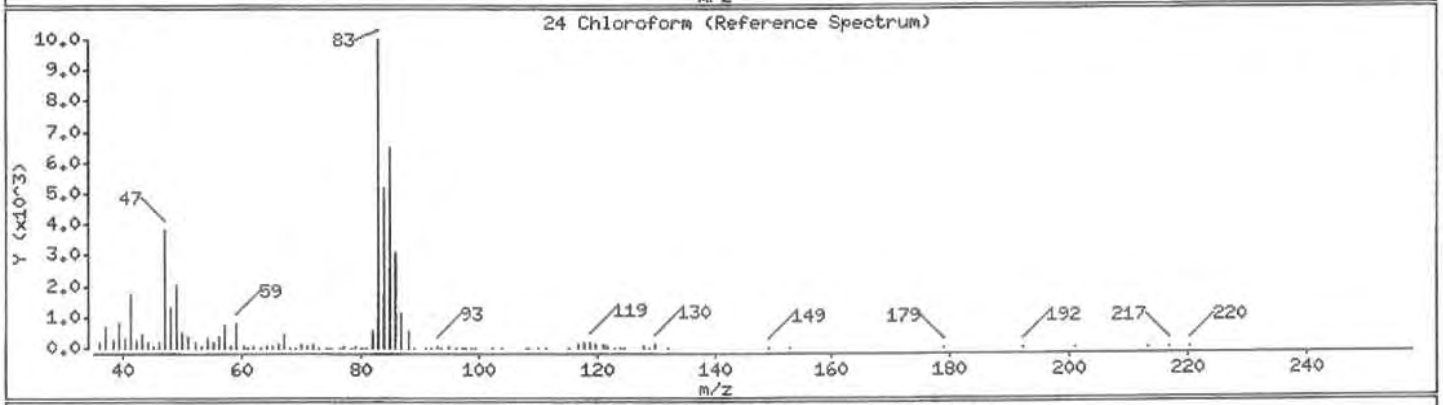
Column diameter: 0.25

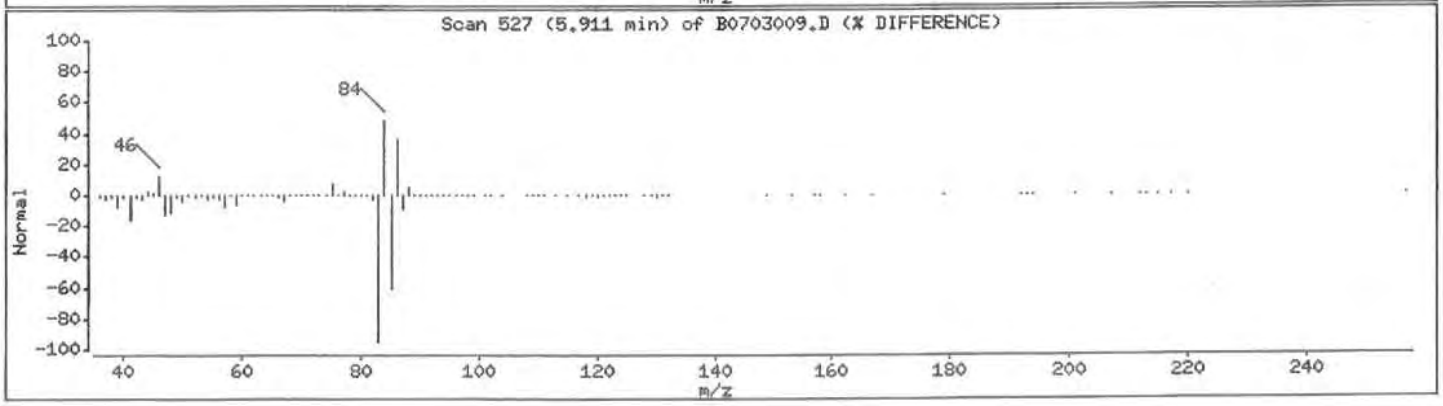
24 Chloroform

Concentration: 0.0603 ug/L









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Date : 15-FEB-2007 10:14

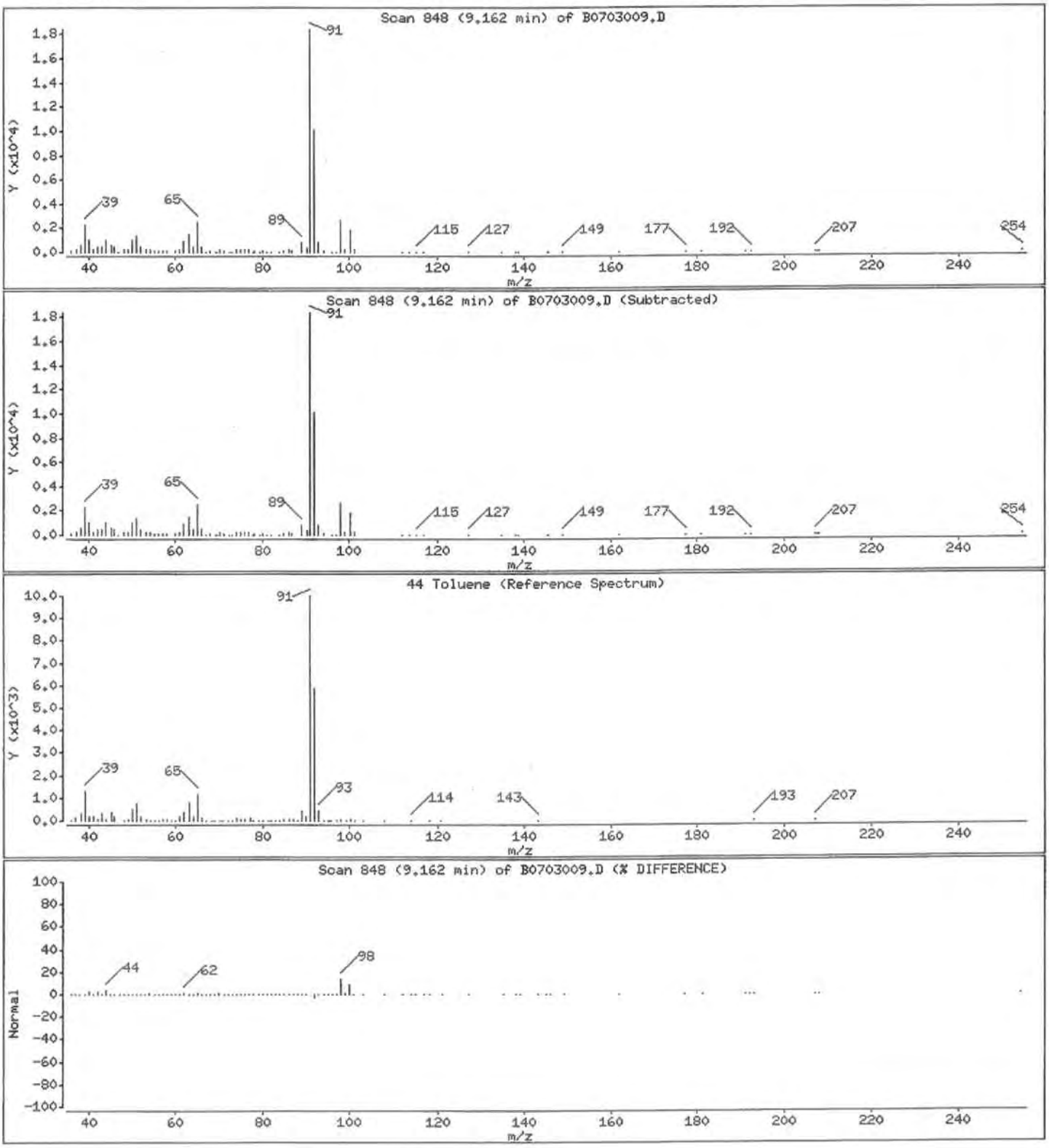
Client ID: Y34W8 Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-009

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

44 Toluene Concentration: 0.3033 ug/L



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Date : 15-FEB-2007 10:14

Client ID: Y34W8

Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-009

Purge Volume: 25.0

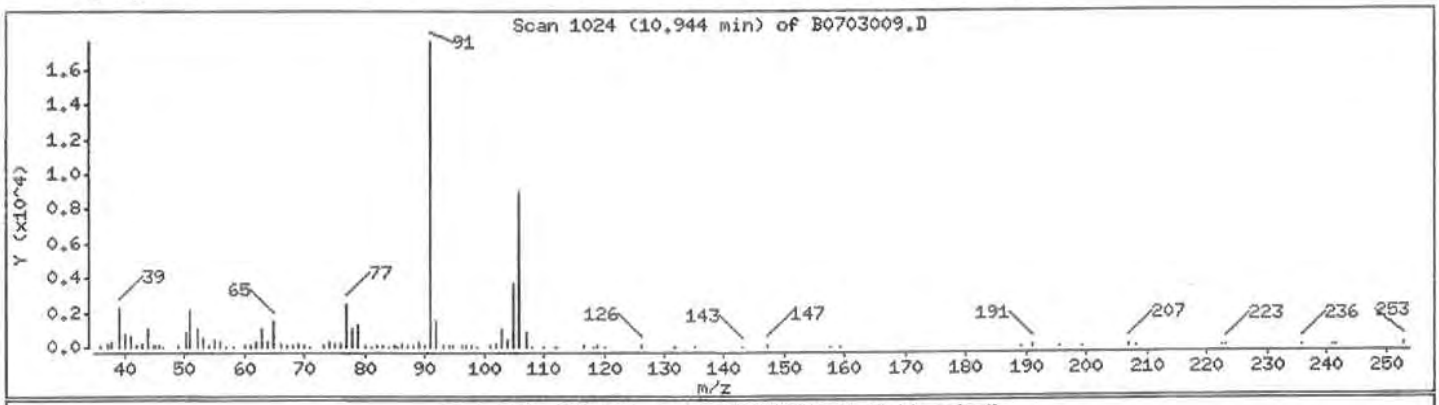
Operator: DLB

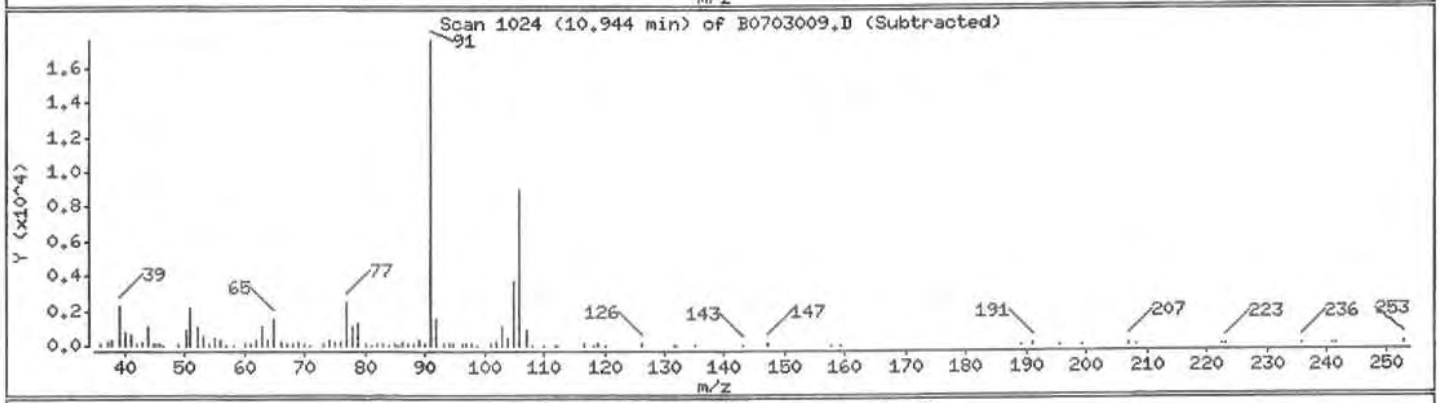
Column phase: DB-624

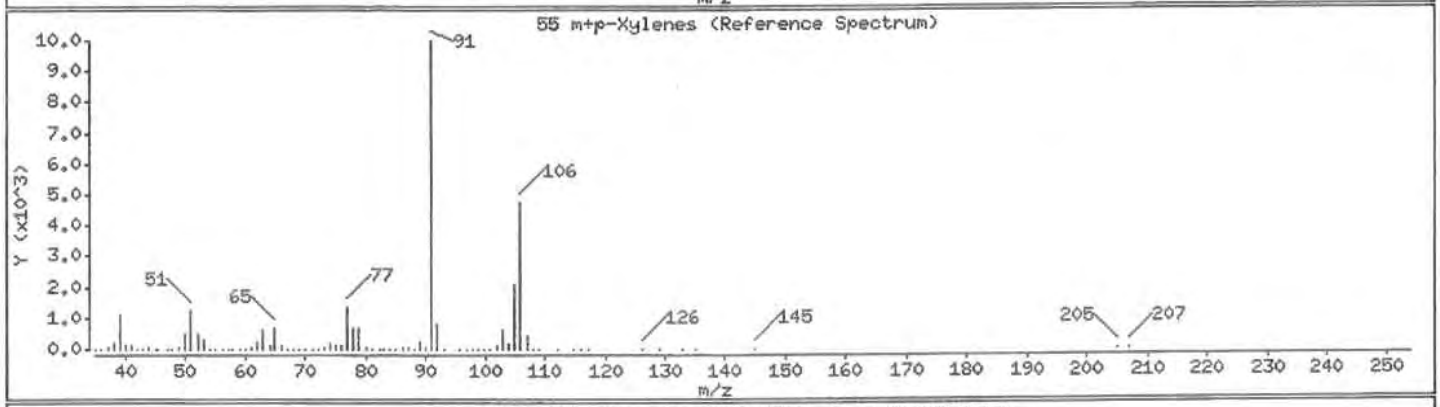
Column diameter: 0.25

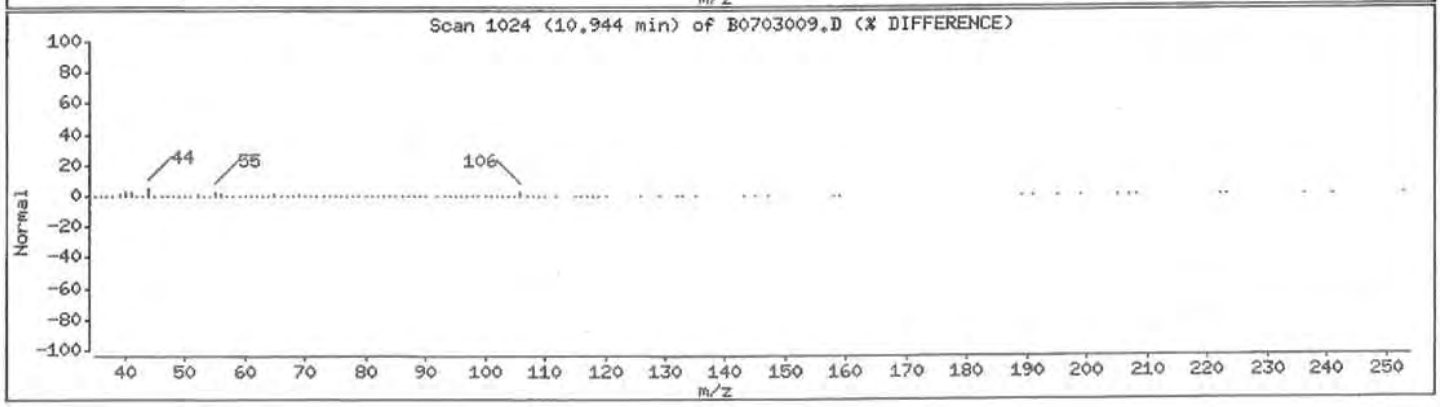
55 m+p-Xylenes

Concentration: 0.2286 ug/L









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Date : 15-FEB-2007 10:14

Client ID: Y34W8

Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-009

Purge Volume: 25.0

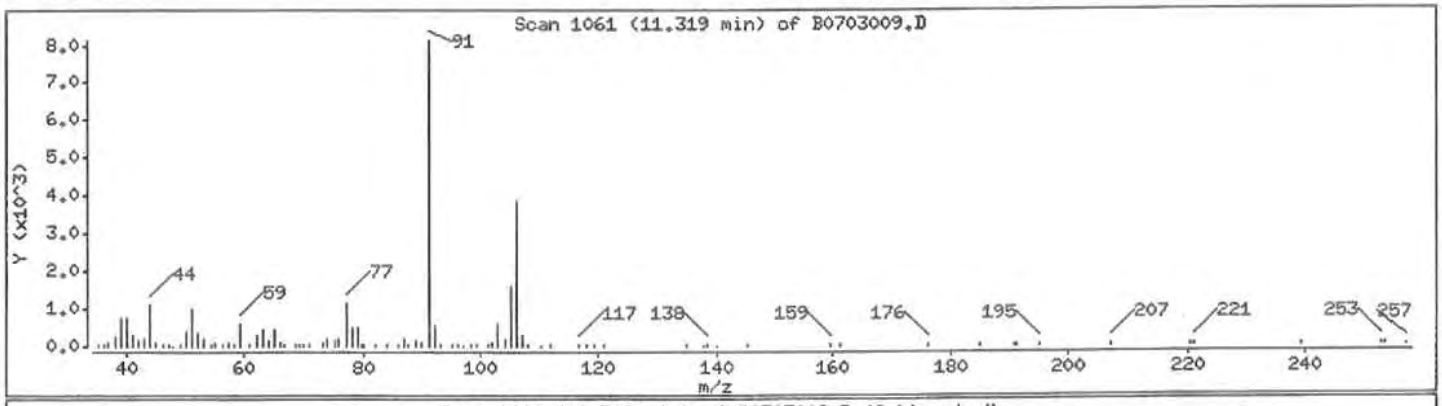
Operator: DLB

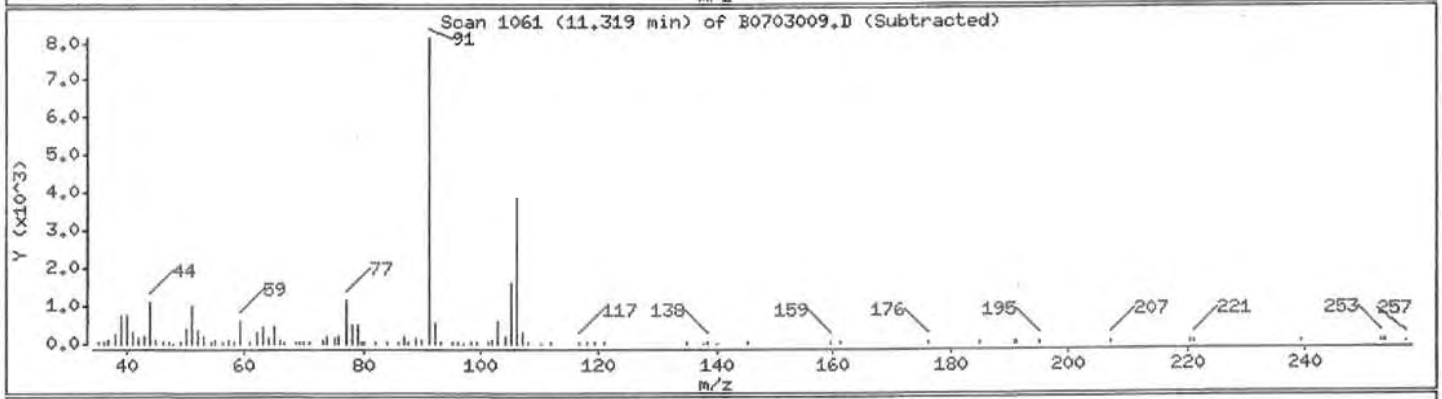
Column phase: DB-624

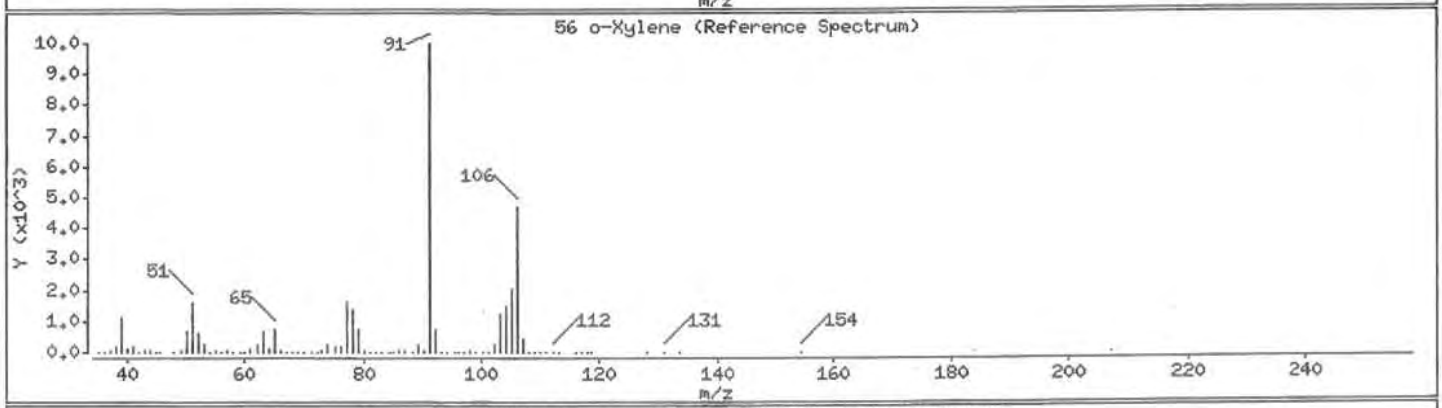
Column diameter: 0.25

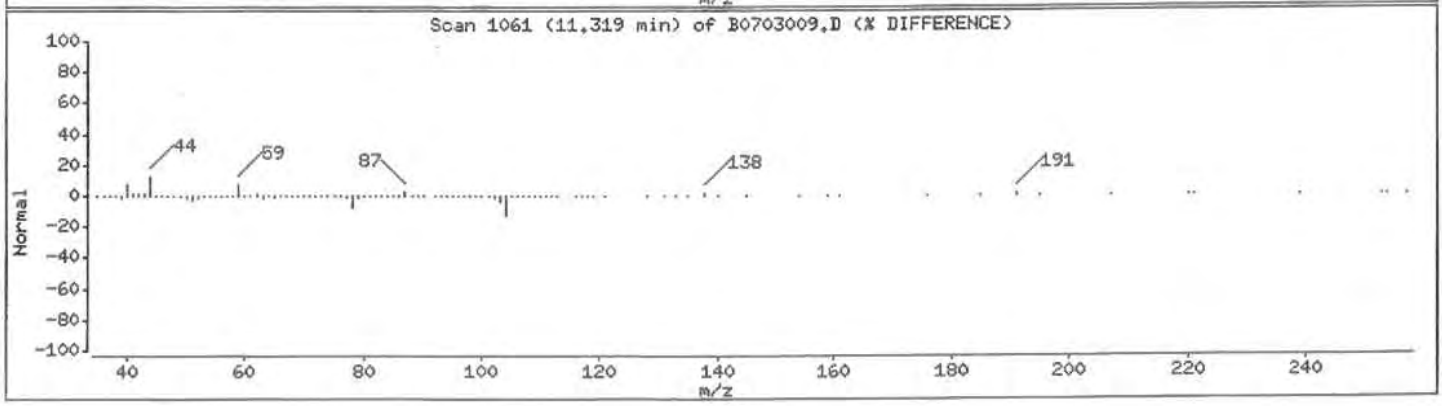
56 o-Xylene

Concentration: 0.0981 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1507.b\B0703009.D

Date : 15-FEB-2007 10:14

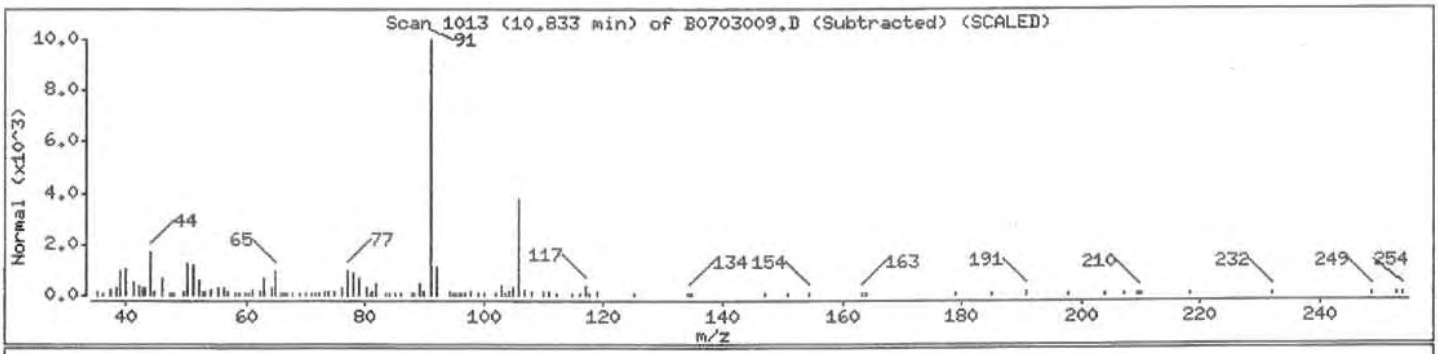
Client ID: Y34W8 Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-009

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1507.b\B0703009.D

Date : 15-FEB-2007 10:14

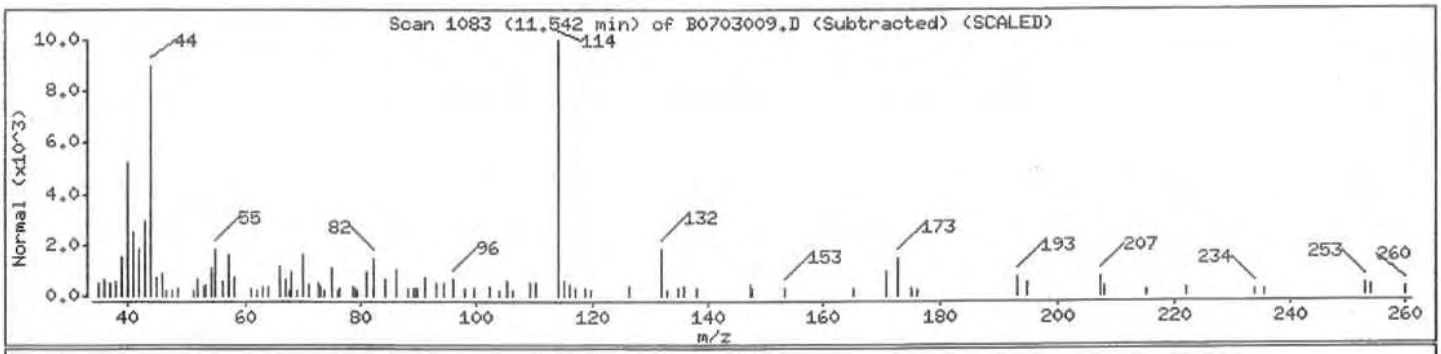
Client ID: Y34W8 Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-009

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1507.b\B0703009.D

Date : 15-FEB-2007 10:14

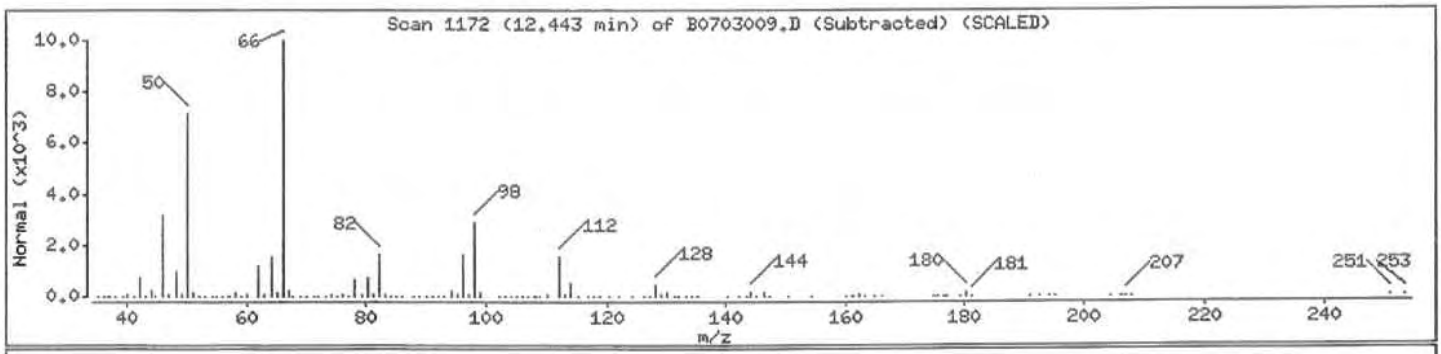
Client ID: Y34W8 Instrument: msd8.i

Sample Info: 8feb1507.b, IB07030-009

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W9

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902501

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	1.1	JB
75-15-0	Carbon disulfide	0.096	J
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.11	JB
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W9

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902501

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.064	J
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W9

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902501

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
Y34W9

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902501

Level: (TRACE or LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	9.516	0.71	J
02		Unknown-02	12.240	0.52	JB
03		Unknown-03	12.443	3.8	J
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0902501.D
Lab Smp Id: IB09025-001 Client Smp ID: Y34W9
Inj Date : 14-FEB-2007 13:19
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB09025-001
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 52
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
1	Dichlorodifluoromethane	85	Compound Not Detected.					
2	Chloromethane	50	Compound Not Detected.					
$ 3	Vinyl Chloride-d3	65	1.911	1.921	(0.267)	124168	4.69326	4.6932
4	Vinyl Chloride	62	Compound Not Detected.					
5	Bromomethane	94	Compound Not Detected.					
$ 6	Chloroethane-d5	69	2.336	2.336	(0.327)	114800	4.76744	4.7674
7	Chloroethane	64	Compound Not Detected.					
8	Trichlorofluoromethane	101	Compound Not Detected.					
$ 9	1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	295645	4.34048	4.3404
11	1,1-Dichloroethene	96	Compound Not Detected.					
10	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
12	Acetone	43	3.278	3.288	(0.459)	4088	1.07397	1.0739(aQ)
13	Carbon Disulfide	76	3.420	3.420	(0.479)	10615	0.09637	0.0963(a)
14	Methyl Acetate	43	Compound Not Detected.					
15	Methylene Chloride	84	Compound Not Detected.					
16	Methyl tert-Butyl Ether	73	Compound Not Detected.					
17	trans-1,2-Dichloroethene	96	Compound Not Detected.					
18	1,1-Dichloroethane	63	Compound Not Detected.					
$ 19	2-Butanone-d5	46	5.465	5.466	(0.765)	564943	55.3520	55.3520(Q)
20	cis-1,2-Dichloroethene	96	Compound Not Detected.					
21	2-Butanone	43	Compound Not Detected.					
22	Bromochloromethane	128	Compound Not Detected.					
$ 23	Chloroform-d	84	5.881	5.881	(0.823)	333783	5.17852	5.1785(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
24	Chloroform	83	5.911	5.911	(0.827)	7690	0.11343	0.1134 (aQ)
25	1,1,1-Trichloroethane	97	Compound Not Detected.					
26	Cyclohexane	56	Compound Not Detected.					
27	Carbon Tetrachloride	117	Compound Not Detected.					
$ 28	1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	168495	5.11839	5.1183 (Q)
$ 29	Benzene-d6	84	6.529	6.529	(0.608)	727030	5.33064	5.3306
30	Benzene	78	Compound Not Detected.					
31	1,2-Dichloroethane	62	Compound Not Detected.					
* 32	1,4-Difluorobenzene	114	7.146	7.146	(1.000)	597164	5.00000	
33	Trichloroethene	95	Compound Not Detected.					
$ 34	1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	242050	5.45963	5.4596
35	Methylcyclohexane	83	Compound Not Detected.					
36	1,2-Dichloropropane	63	Compound Not Detected.					
$ 39	1,4-Dioxane-d8	96	7.946	7.916	(1.112)	28368	224.861	224.8609 (Q)
38	1,4-Dioxane	88	Compound Not Detected.					
37	Bromodichloromethane	83	Compound Not Detected.					
$ 40	trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	124110	4.89670	4.8966
41	cis-1,3-Dichloropropene	75	Compound Not Detected.					
42	4-Methyl-2-pentanone	43	Compound Not Detected.					
$ 43	Toluene-d8	98	9.080	9.081	(0.846)	678473	5.47761	5.4776
44	Toluene	91	9.172	9.172	(0.855)	10410	0.06423	0.0642 (a)
45	trans-1,3-Dichloropropene	75	Compound Not Detected.					
46	1,1,2-Trichloroethane	97	Compound Not Detected.					
47	Tetrachloroethene	164	Compound Not Detected.					
$ 48	2-Hexanone-d5	63	9.961	9.962	(0.928)	595430	49.9077	49.9076
49	2-Hexanone	43	Compound Not Detected.					
50	Dibromochloromethane	129	Compound Not Detected.					
51	1,2-Dibromoethane	107	Compound Not Detected.					
* 52	Chlorobenzene-d5	117	10.731	10.731	(1.000)	539238	5.00000	
53	Chlorobenzene	112	Compound Not Detected.					
54	Ethylbenzene	91	Compound Not Detected.					
55	m+p-Xylenes	106	Compound Not Detected.					
56	o-Xylene	106	Compound Not Detected.					
57	Styrene	104	Compound Not Detected.					
58	Bromoform	173	Compound Not Detected.					
59	Isopropylbenzene	105	Compound Not Detected.					
$ 60	1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	160225	4.76334	4.7633
61	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
62	1,3-Dichlorobenzene	146	Compound Not Detected.					
* 63	1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	256031	5.00000	
64	1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 65	1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	221605	5.02129	5.0212
66	1,2-Dichlorobenzene	146	Compound Not Detected.					
67	1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
68	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
69	1,2,3-Trichlorobenzene	180	Compound Not Detected.					
72	tert-butyl alcohol	59	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0902501.D
Lab Smp Id: IB09025-001 Client Smp ID: Y34W9
Inj Date : 14-FEB-2007 13:19
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB09025-001
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 52
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 52 Chlorobenzene-d5	10.732	1764025	5.000
* 63 1,4-Dichlorobenzene-d4	12.716	3306020	5.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
9.516	249459	0.70707358	0.7070	0		0	52
Unknown				CAS #:			
12.240	345327	0.52226969	0.5222	0		0	63
Unknown				CAS #:			
12.443	2540722	3.84256819	3.8425	0		0	63

Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902501.D

Date : 14-FEB-2007 13:19

Client ID: Y34W9

Instrument: msd8.i

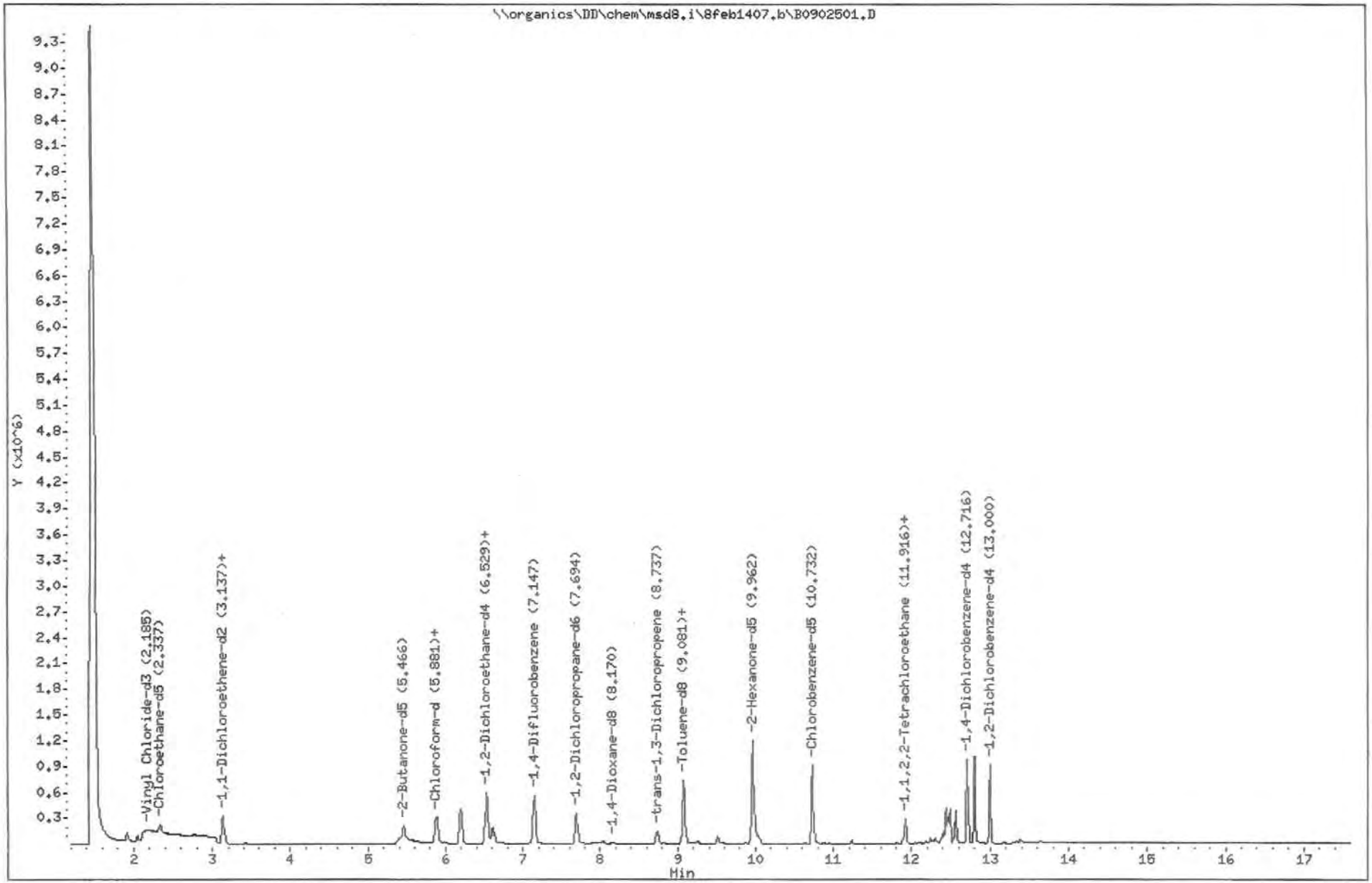
Sample Info: 8feb1407.b, IB09025-001

Purge Volume: 25.0

Operator: DLB

Column phase: DB-624

Column diameter: 0.25



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Date : 14-FEB-2007 13:19

Client ID: Y34W9

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-001

Purge Volume: 25.0

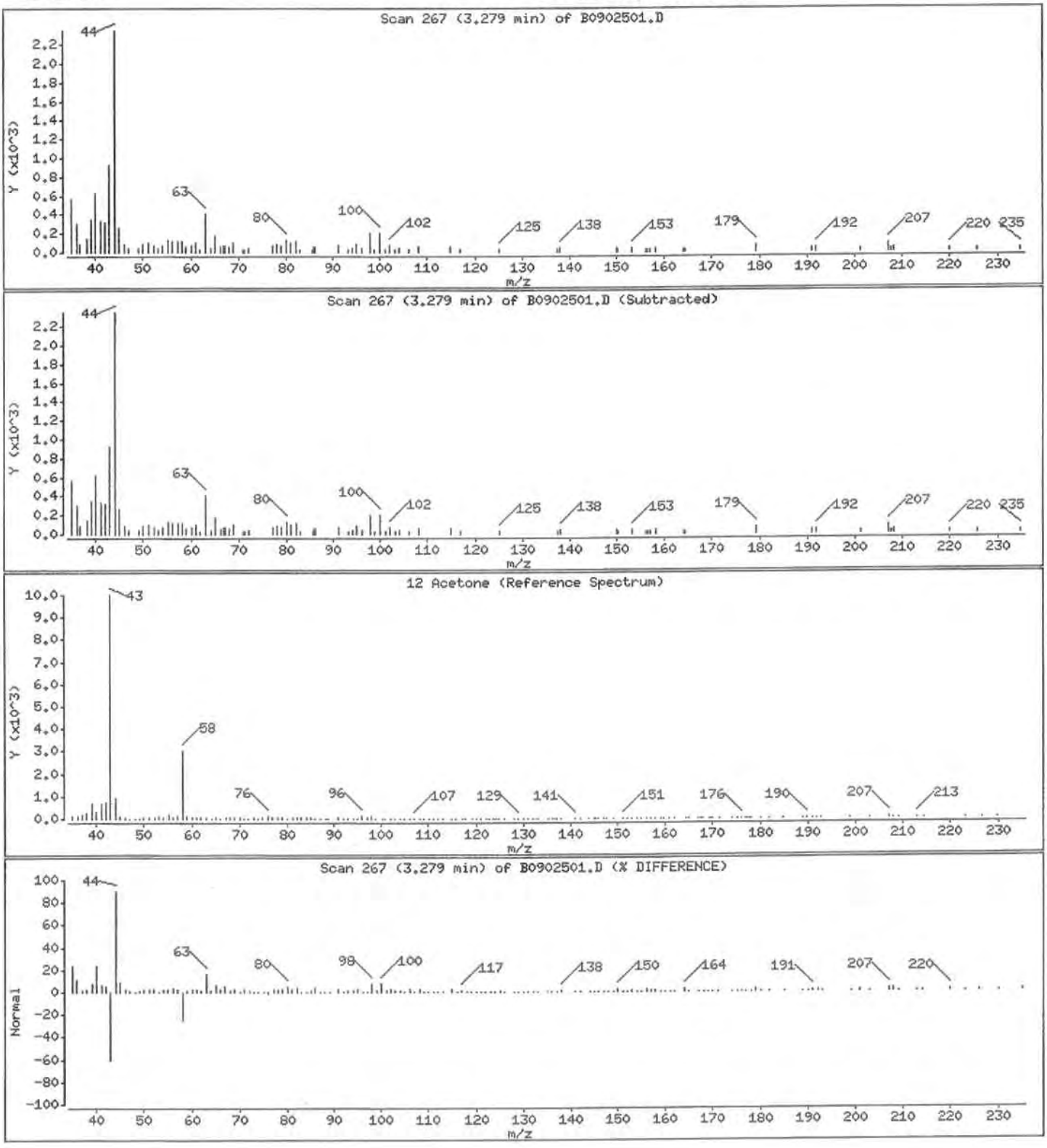
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

12 Acetone

Concentration: 1.0739 ug/L



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Date : 14-FEB-2007 13:19

Client ID: Y34W9

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-001

Purge Volume: 25.0

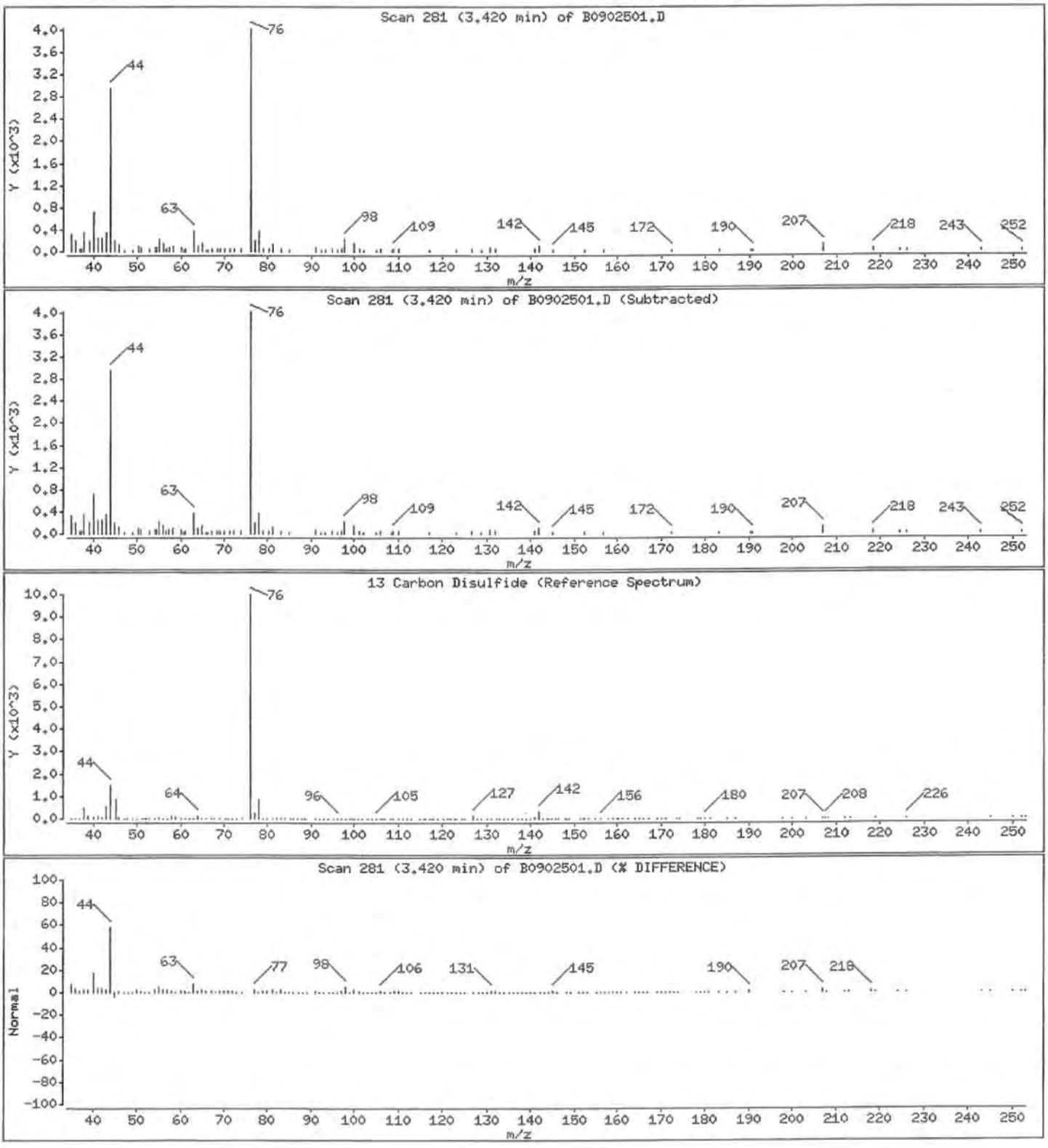
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

13 Carbon Disulfide

Concentration: 0.0963 ug/L



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Date : 14-FEB-2007 13:19

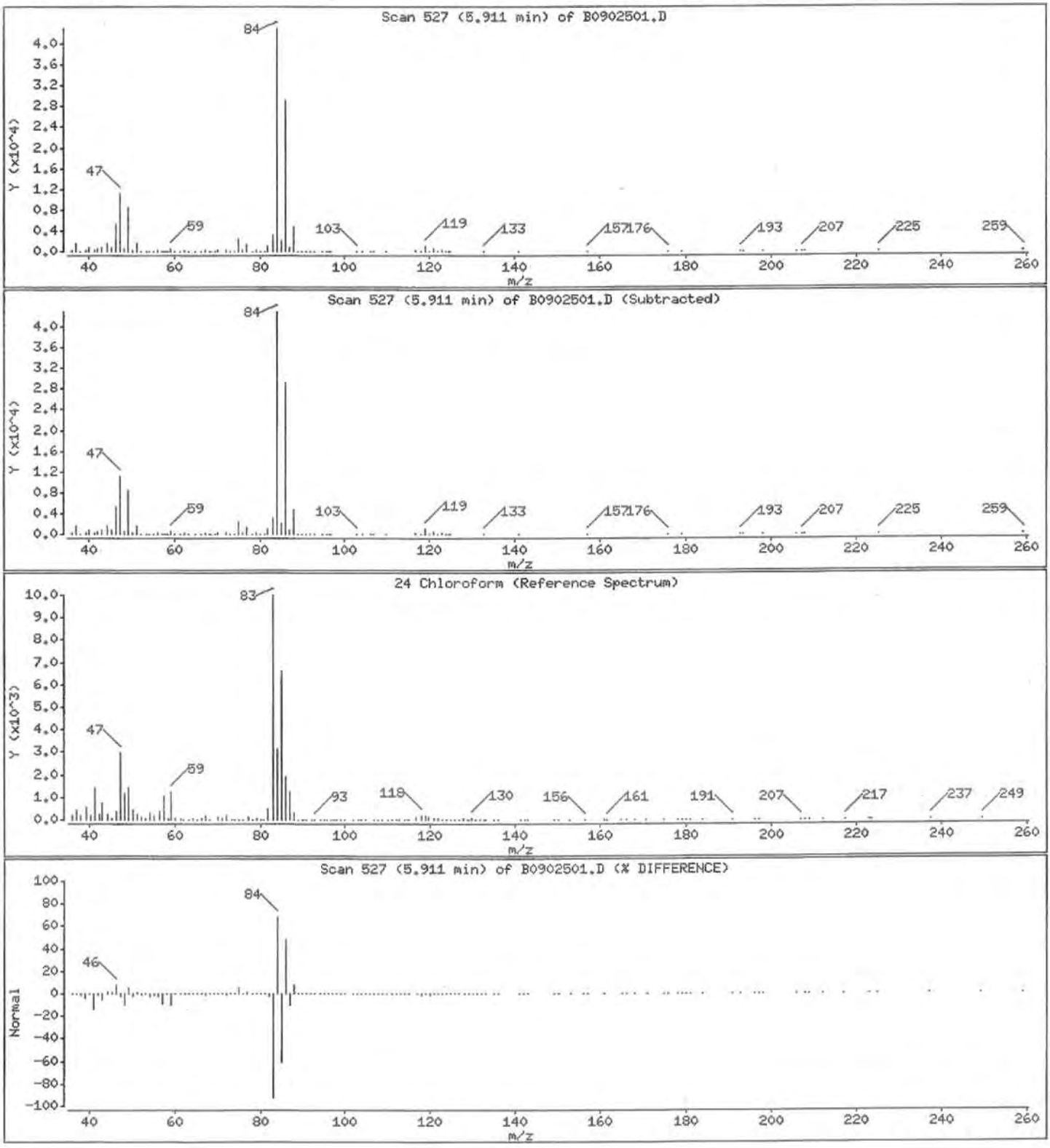
Client ID: Y34W9 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-001

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

24 Chloroform Concentration: 0.1134 ug/L



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Date : 14-FEB-2007 13:19

Client ID: Y34W9

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-001

Purge Volume: 25.0

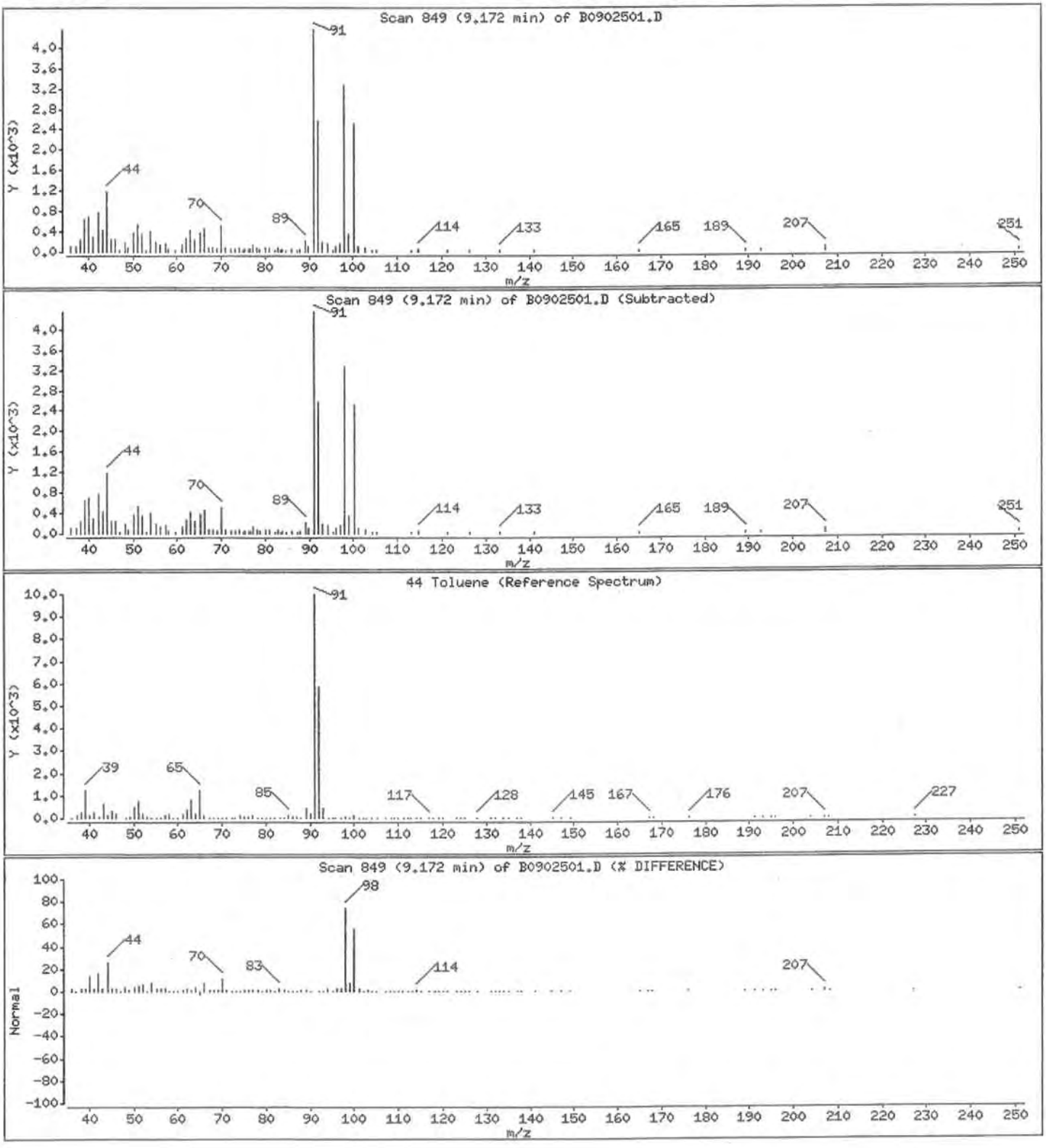
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

44 Toluene

Concentration: 0.0642 ug/L



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902501.D

Date : 14-FEB-2007 13:19

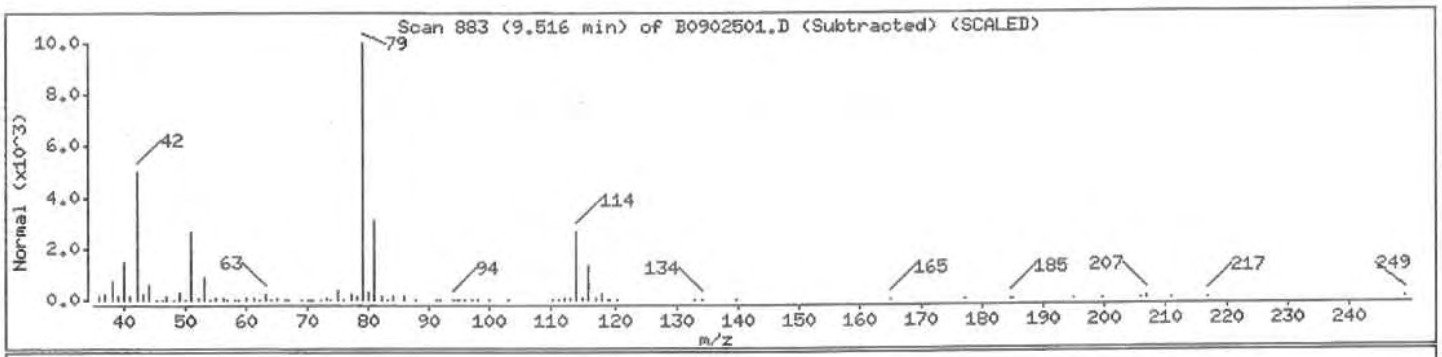
Client ID: Y34W9 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-001

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902501.D

Date : 14-FEB-2007 13:19

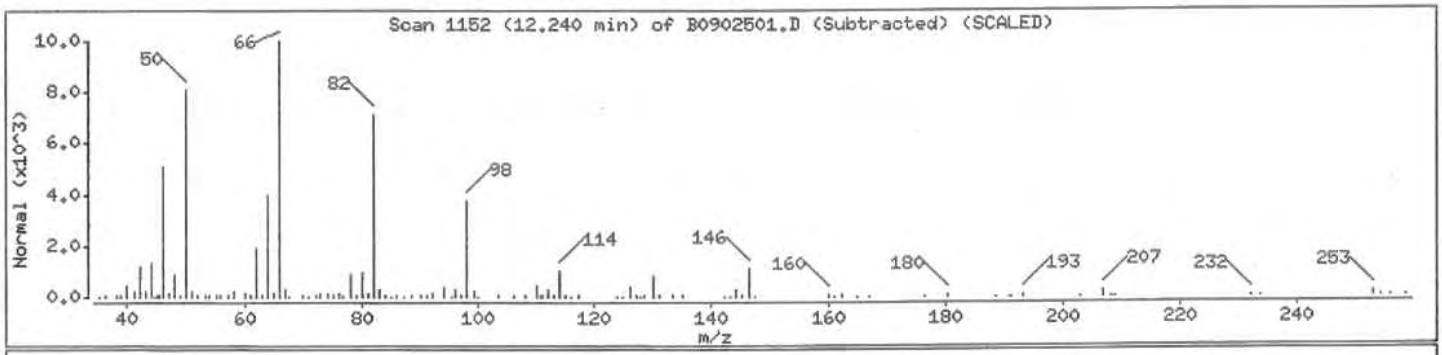
Client ID: Y34W9 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-001

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902501.D

Date : 14-FEB-2007 13:19

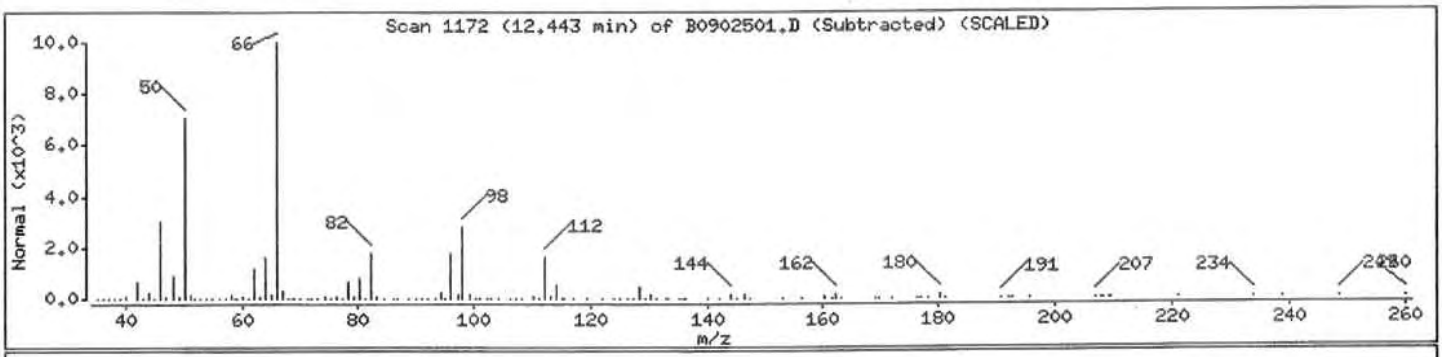
Client ID: Y34W9 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-001

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34X0

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-002

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902502

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	1.1	JB
75-15-0	Carbon disulfide	0.42	J
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.090	J
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34X0

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-002

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902502

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	0.63	
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.065	J
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34X0

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-002

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902502

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
Y34X0

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-002

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902502

Level: (TRACE or LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	9.516	0.58	J
02		Unknown-02	12.240	0.65	JB
03		Unknown-03	12.443	4.7	J
04		Unknown-04	12.807	7.6	J
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0902502.D
Lab Smp Id: IB09025-002 Client Smp ID: Y34X0
Inj Date : 14-FEB-2007 14:26
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB09025-002
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 53
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	Compound Not Detected.					
	2 Chloromethane	50	Compound Not Detected.					
$	3 Vinyl Chloride-d3	65	1.921	1.921	(0.269)	102949	4.00106	4.0010
	4 Vinyl Chloride	62	Compound Not Detected.					
	5 Bromomethane	94	Compound Not Detected.					
$	6 Chloroethane-d5	69	2.336	2.336	(0.327)	99812	4.26200	4.2620
	7 Chloroethane	64	Compound Not Detected.					
	8 Trichlorofluoromethane	101	Compound Not Detected.					
$	9 1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	251698	3.79958	3.7995
	11 1,1-Dichloroethene	96	Compound Not Detected.					
	10 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	12 Acetone	43	3.288	3.288	(0.460)	3973	1.07322	1.0732(a)
	13 Carbon Disulfide	76	3.420	3.420	(0.479)	45318	0.42304	0.4230(a)
	14 Methyl Acetate	43	Compound Not Detected.					
	15 Methylene Chloride	84	3.835	3.825	(0.537)	3331	0.09049	0.0904(a)
	16 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	17 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	18 1,1-Dichloroethane	63	Compound Not Detected.					
$	19 2-Butanone-d5	46	5.465	5.466	(0.765)	509523	51.3311	51.3311(Q)
	20 cis-1,2-Dichloroethene	96	Compound Not Detected.					
	21 2-Butanone	43	Compound Not Detected.					
	22 Bromochloromethane	128	Compound Not Detected.					
$	23 Chloroform-d	84	5.880	5.881	(0.823)	301614	4.81151	4.8115(Q)
	24 Chloroform	83	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	25 1,1,1-Trichloroethane	97	Compound Not Detected.					
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon Tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	157454	4.91799	4.9179(Q)
$	29 Benzene-d6	84	6.529	6.529	(0.608)	659966	4.92522	4.9252
	30 Benzene	78	Compound Not Detected.					
	31 1,2-Dichloroethane	62	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	7.146	7.146	(1.000)	580772	5.00000	
	33 Trichloroethene	95	7.440	7.440	(0.693)	24242	0.62766	0.6276
$	34 1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	214309	4.92012	4.9201
	35 Methylcyclohexane	83	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
$	39 1,4-Dioxane-d8	96	7.926	7.916	(1.109)	30240	246.465	246.4648(Q)
	38 1,4-Dioxane	88	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
$	40 trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	101811	4.08854	4.0885
	41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	43 Toluene-d8	98	9.080	9.081	(0.846)	599546	4.92672	4.9267
	44 Toluene	91	9.171	9.172	(0.855)	10367	0.06511	0.0651(a)
	45 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	46 1,1,2-Trichloroethane	97	Compound Not Detected.					
	47 Tetrachloroethene	164	Compound Not Detected.					
$	48 2-Hexanone-d5	63	9.961	9.962	(0.928)	569622	48.5959	48.5959
	49 2-Hexanone	43	Compound Not Detected.					
	50 Dibromochloromethane	129	Compound Not Detected.					
	51 1,2-Dibromoethane	107	Compound Not Detected.					
*	52 Chlorobenzene-d5	117	10.731	10.731	(1.000)	529790	5.00000	
	53 Chlorobenzene	112	Compound Not Detected.					
	54 Ethylbenzene	91	Compound Not Detected.					
	55 m+p-Xylenes	106	Compound Not Detected.					
	56 o-Xylene	106	Compound Not Detected.					
	57 Styrene	104	Compound Not Detected.					
	58 Bromoform	173	Compound Not Detected.					
	59 Isopropylbenzene	105	Compound Not Detected.					
$	60 1,1,2,2-Tetrachloroethane-d2	84	11.926	11.916	(1.111)	151000	4.56915	4.5691
	61 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	62 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	63 1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	251230	5.00000	
	64 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	65 1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	202402	4.67382	4.6738
	66 1,2-Dichlorobenzene	146	Compound Not Detected.					
	67 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
	68 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	69 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
	72 tert-butyl alcohol	59	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0902502.D
Lab Smp Id: IB09025-002 Client Smp ID: Y34X0
Inj Date : 14-FEB-2007 14:26
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB09025-002
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 53
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

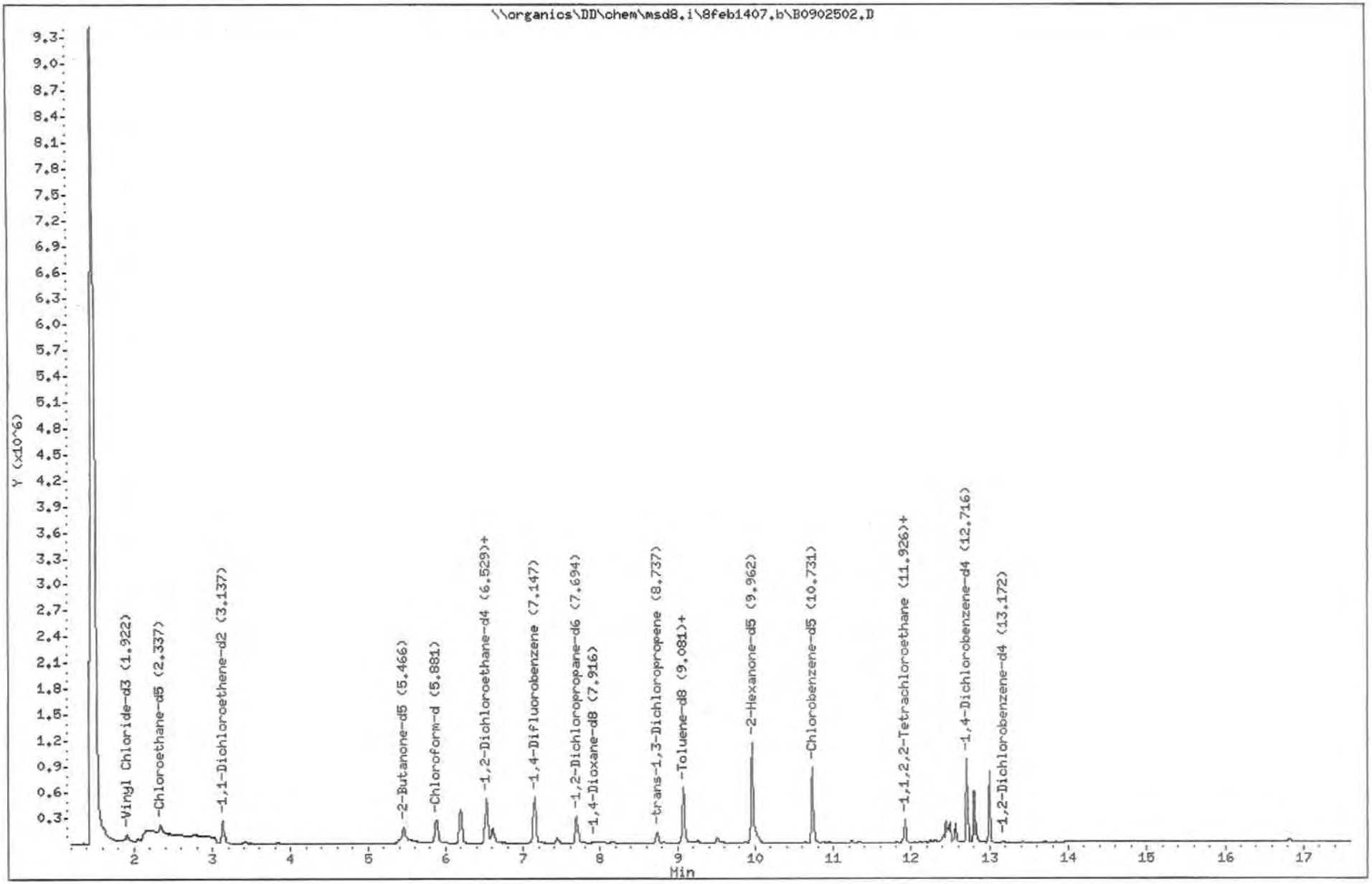
Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 52 Chlorobenzene-d5	10.731	1750916	5.000
* 63 1,4-Dichlorobenzene-d4	12.716	1644016	5.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
9.516	202178	0.57734825	0.5773	0		0	52
Unknown				CAS #:			
12.240	215099	0.65418765	0.6541	0		0	63
Unknown				CAS #:			
12.443	1552060	4.72033062	4.7203	0		0	63
Unknown				CAS #:			
12.807	2514273	7.64673845	7.6467	0		0	63

Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902502.D
Date : 14-FEB-2007 14:26
Client ID: Y34X0
Sample Info: 8feb1407.b, IB09025-002
Purge Volume: 25.0
Column phase: DB-624

Instrument: msd8.i
Operator: DLB
Column diameter: 0.25



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Date : 14-FEB-2007 14:26

Client ID: Y34X0

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-002

Purge Volume: 25.0

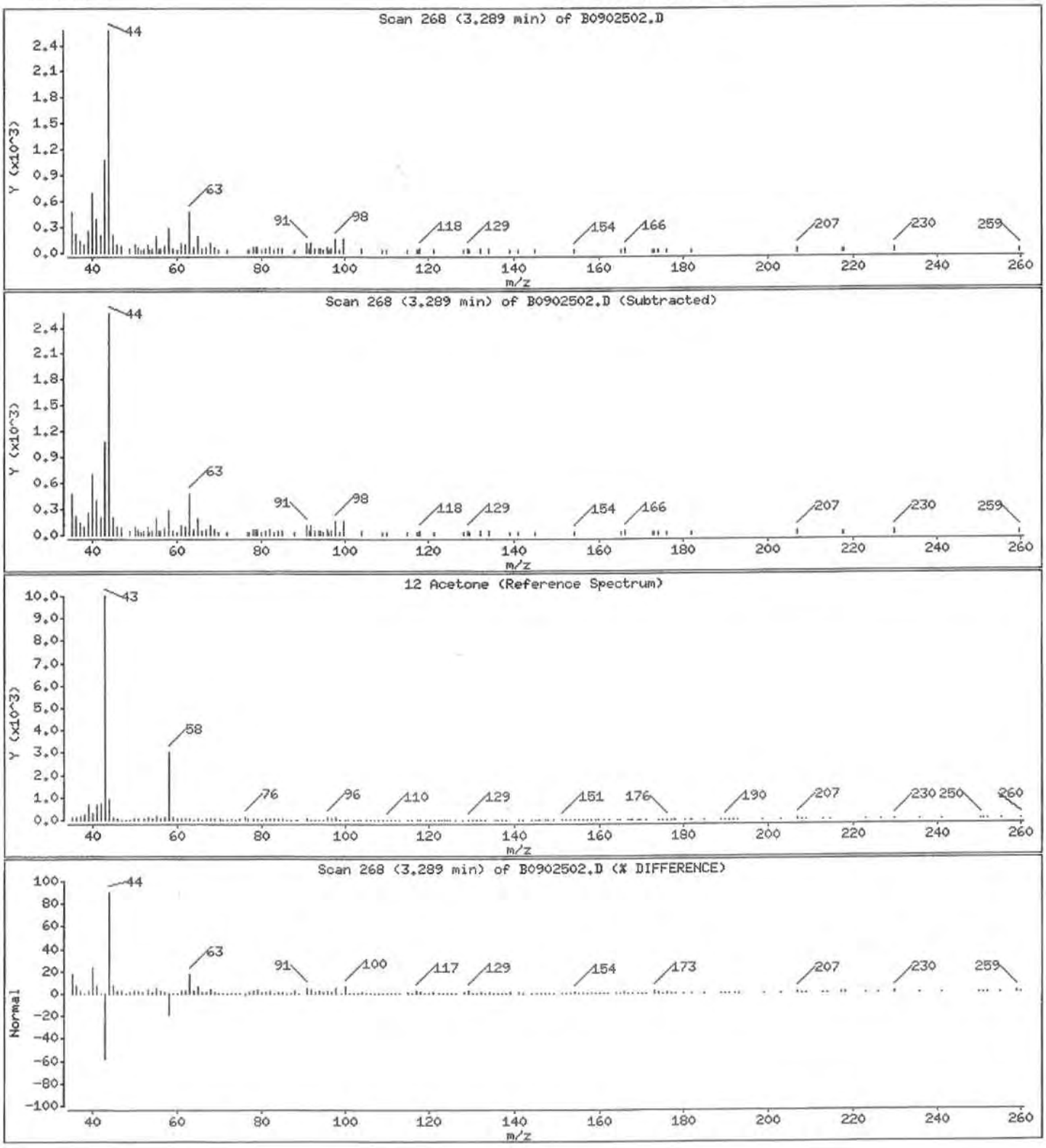
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

12 Acetone

Concentration: 1.0732 ug/L



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Date : 14-FEB-2007 14:26

Client ID: Y34X0

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-002

Purge Volume: 25.0

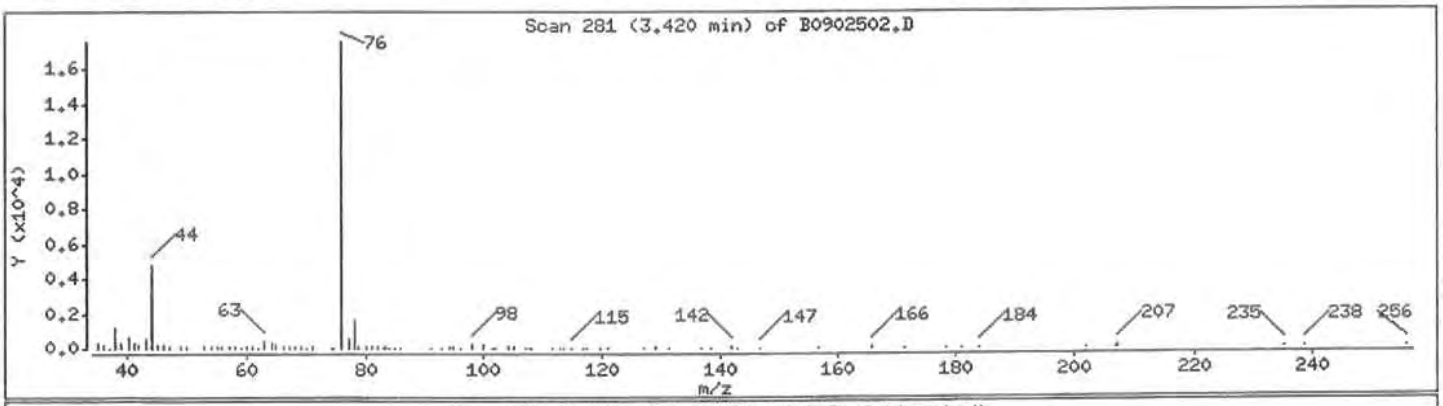
Operator: DLB

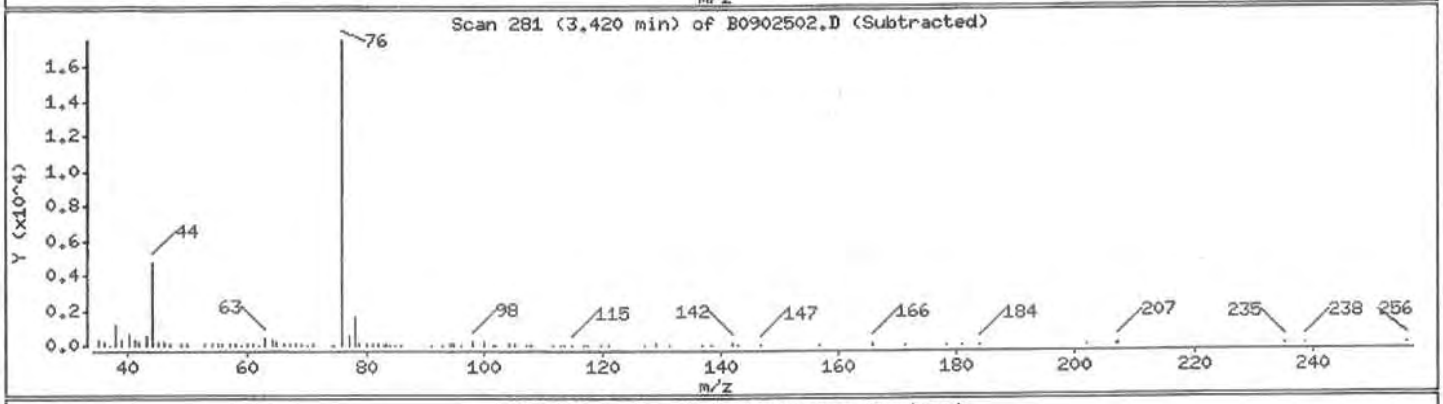
Column phase: DB-624

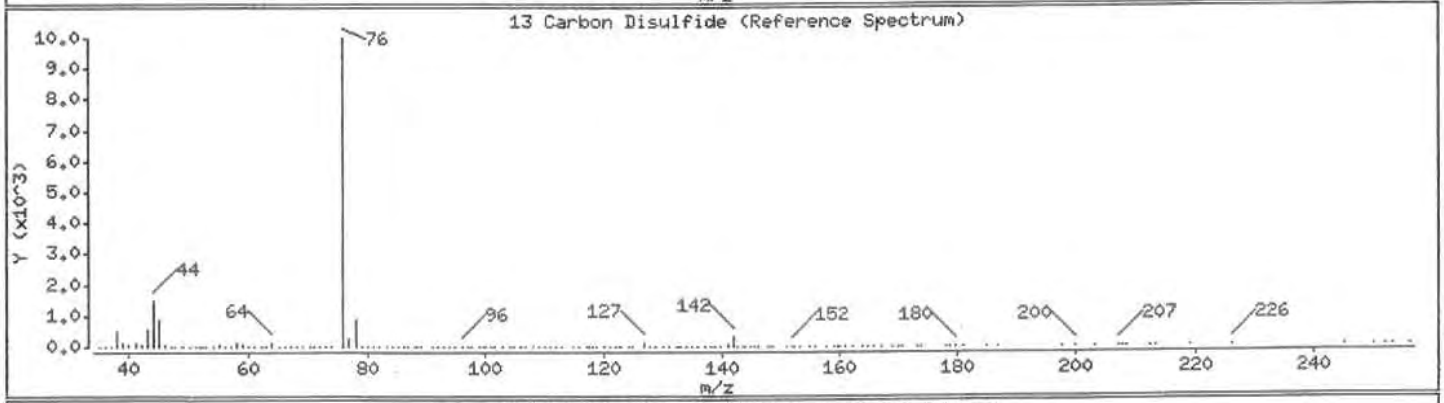
Column diameter: 0.25

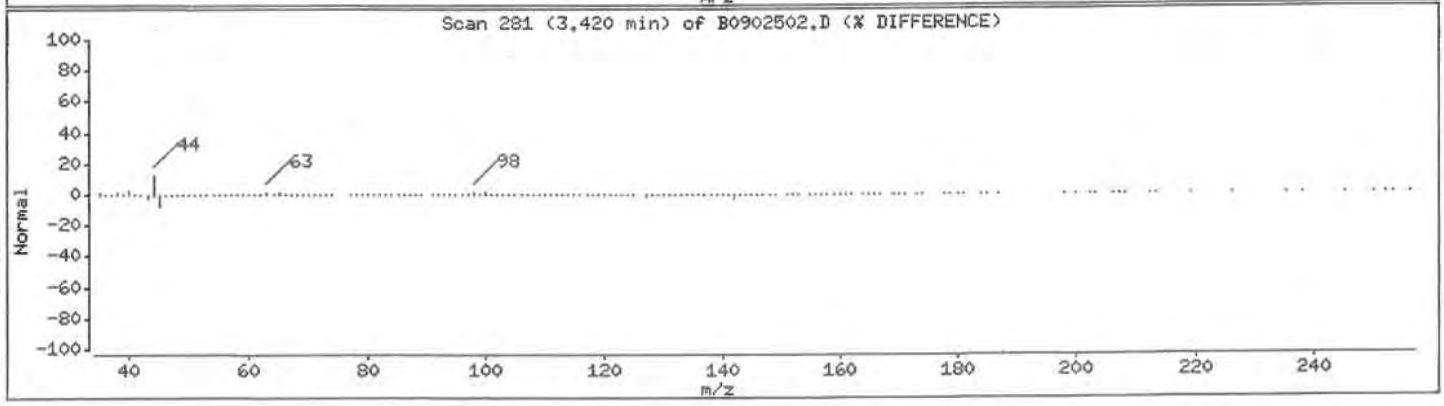
13 Carbon Disulfide

Concentration: 0.4230 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902502.D

Date : 14-FEB-2007 14:26

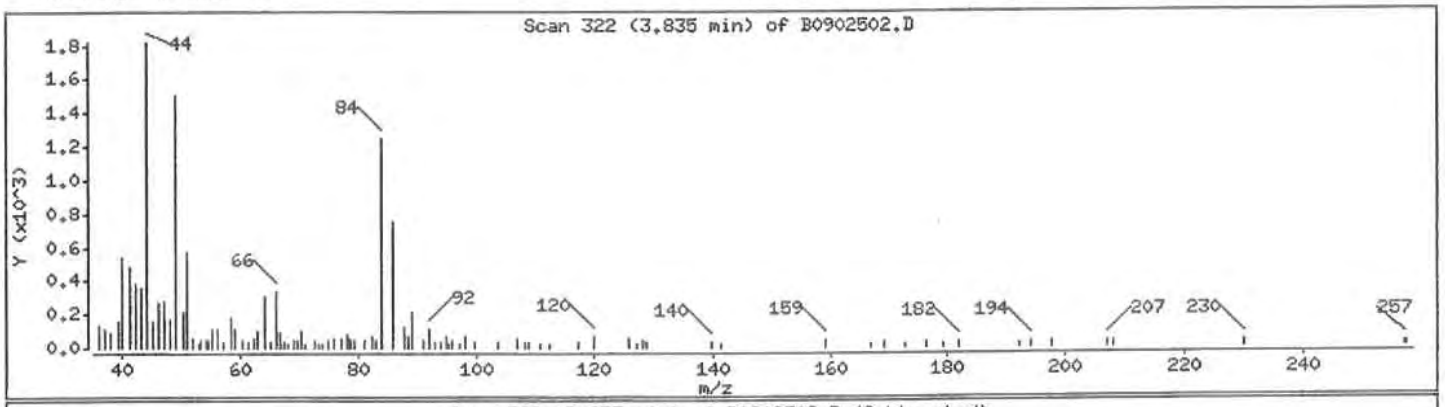
Client ID: Y34X0 Instrument: msd8.i

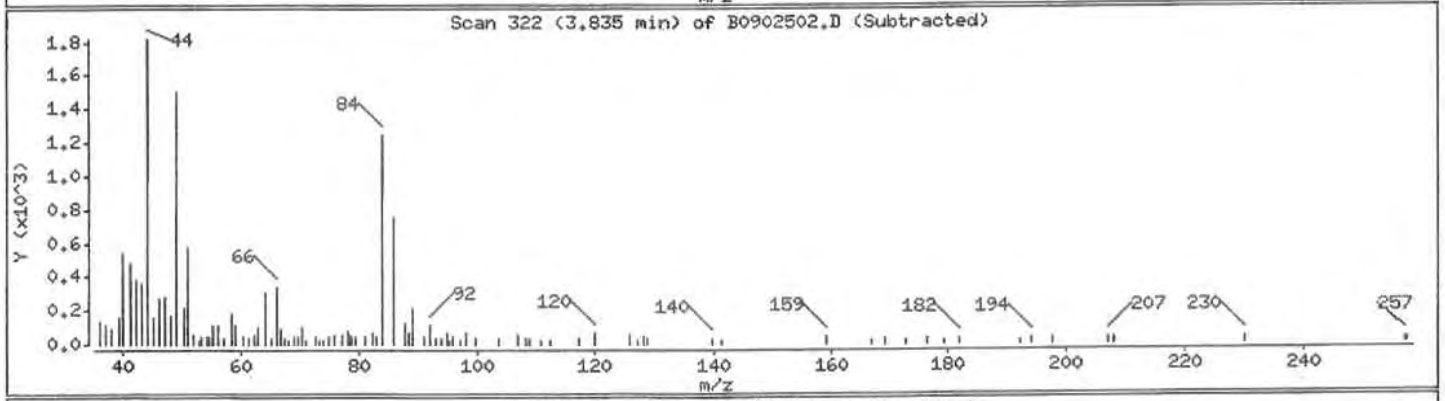
Sample Info: 8feb1407.b, IB09025-002

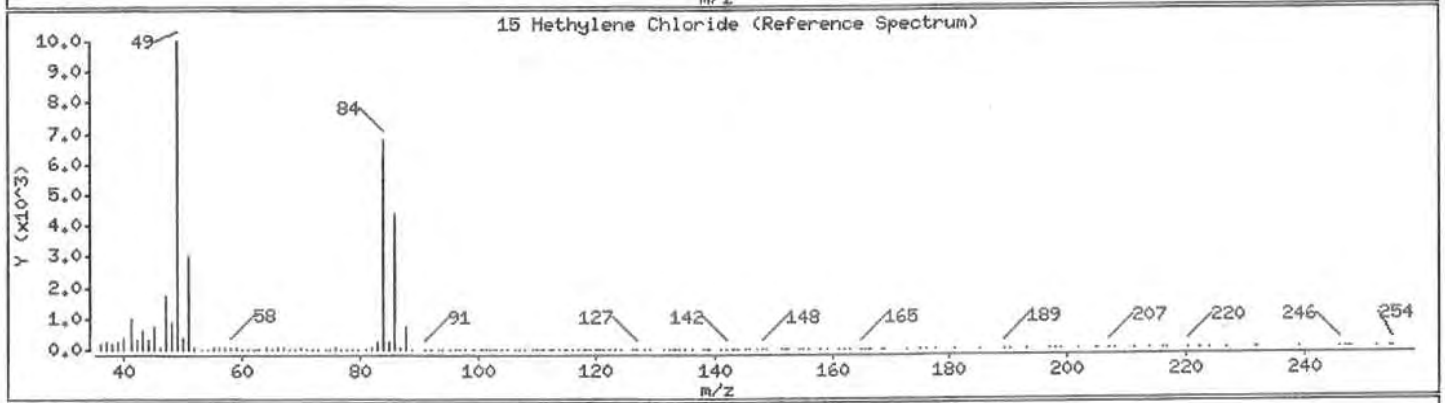
Purge Volume: 25.0 Operator: DLB

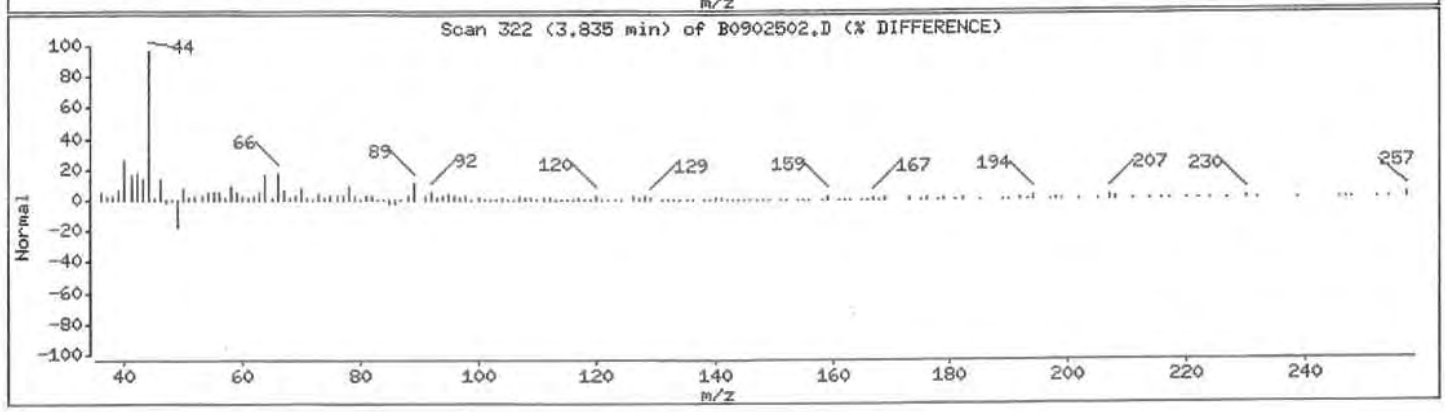
Column phase: DB-624 Column diameter: 0.25

15 Methylene Chloride Concentration: 0.0904 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902502.D

Date : 14-FEB-2007 14:26

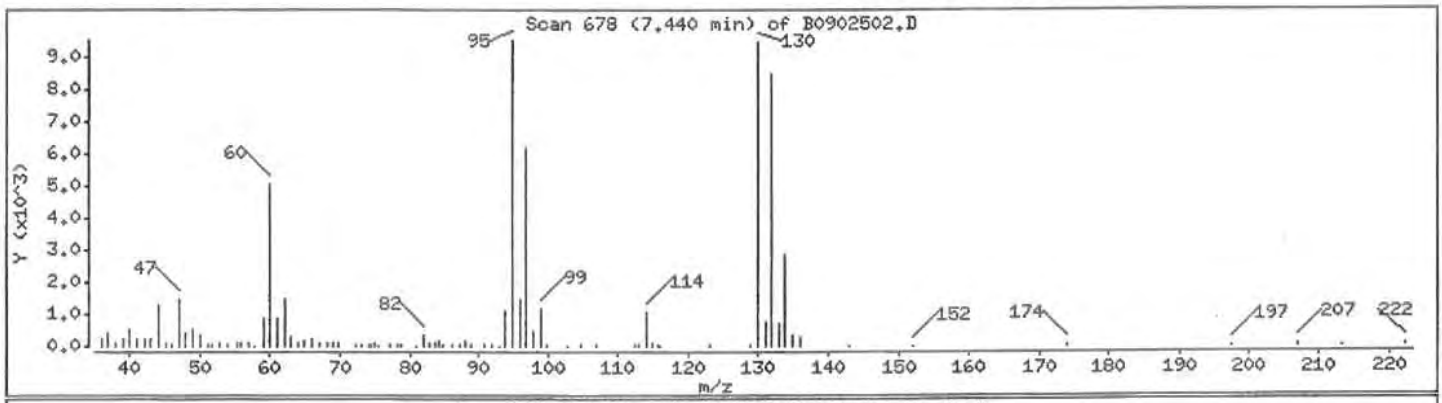
Client ID: Y34X0 Instrument: msd8.i

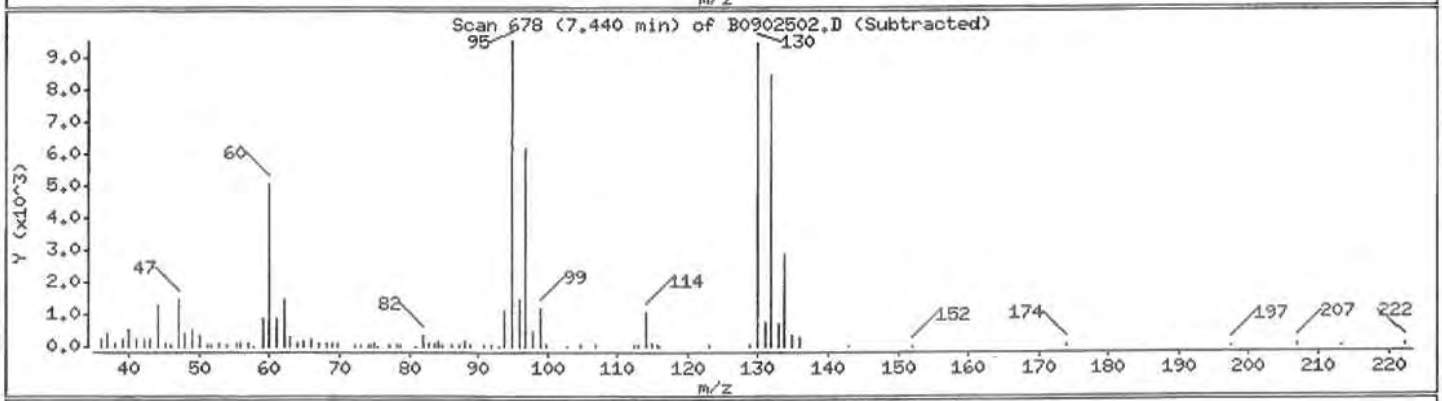
Sample Info: 8feb1407.b, IB09025-002

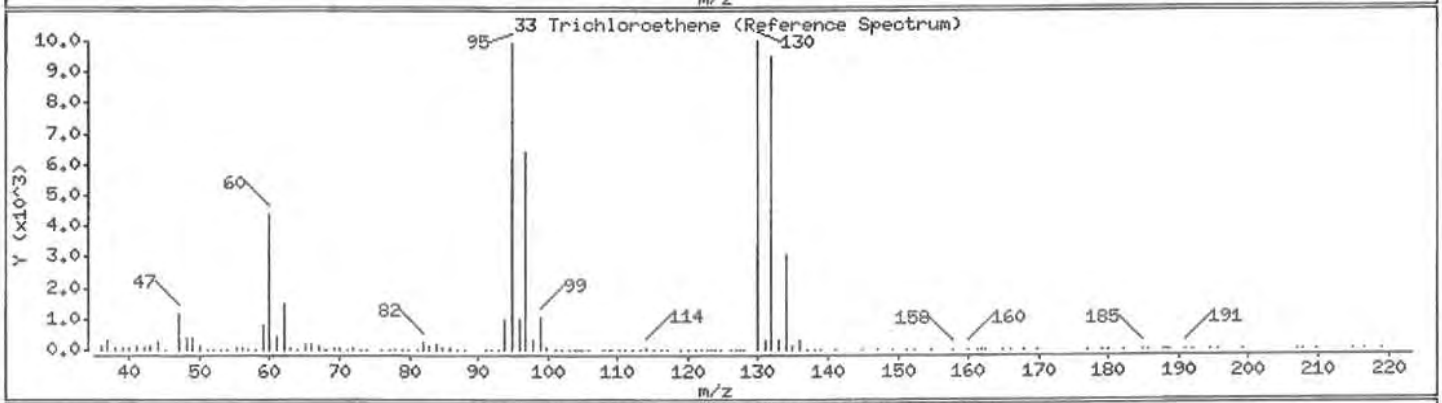
Purge Volume: 25.0 Operator: DLB

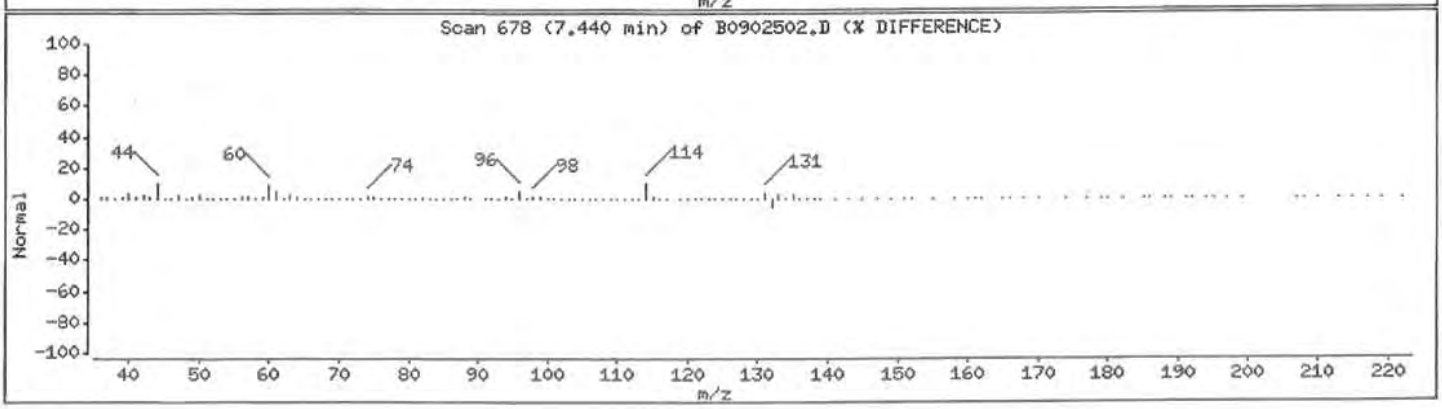
Column phase: DB-624 Column diameter: 0.25

33 Trichloroethene Concentration: 0.6276 ug/L









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Date : 14-FEB-2007 14:26

Client ID: Y34X0

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-002

Purge Volume: 25.0

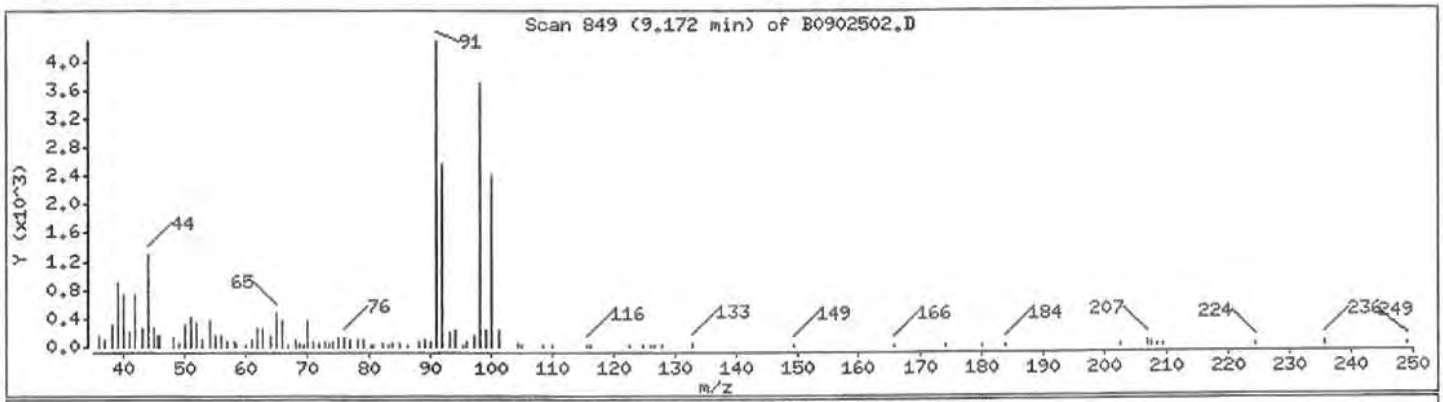
Operator: DLB

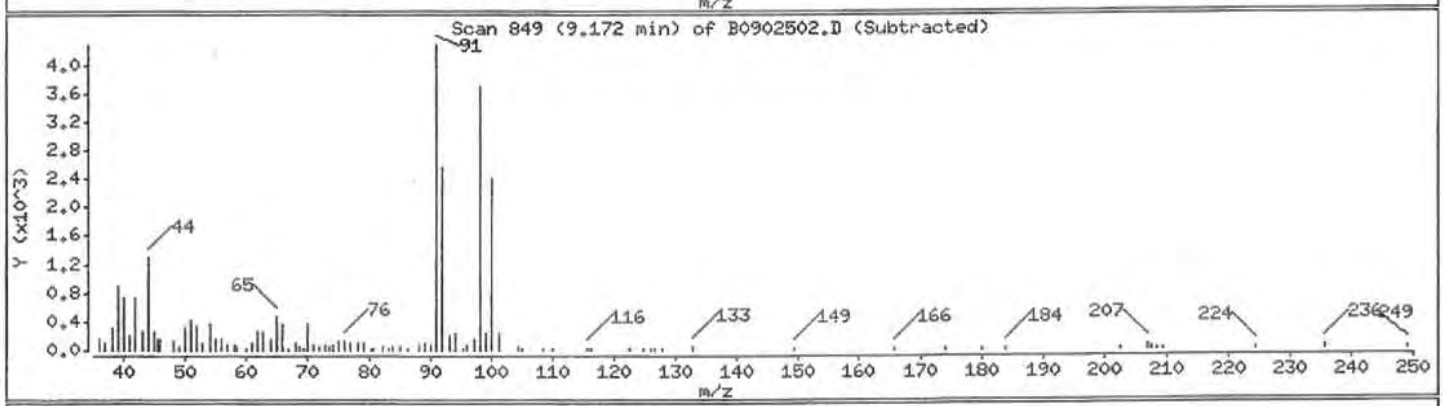
Column phase: DB-624

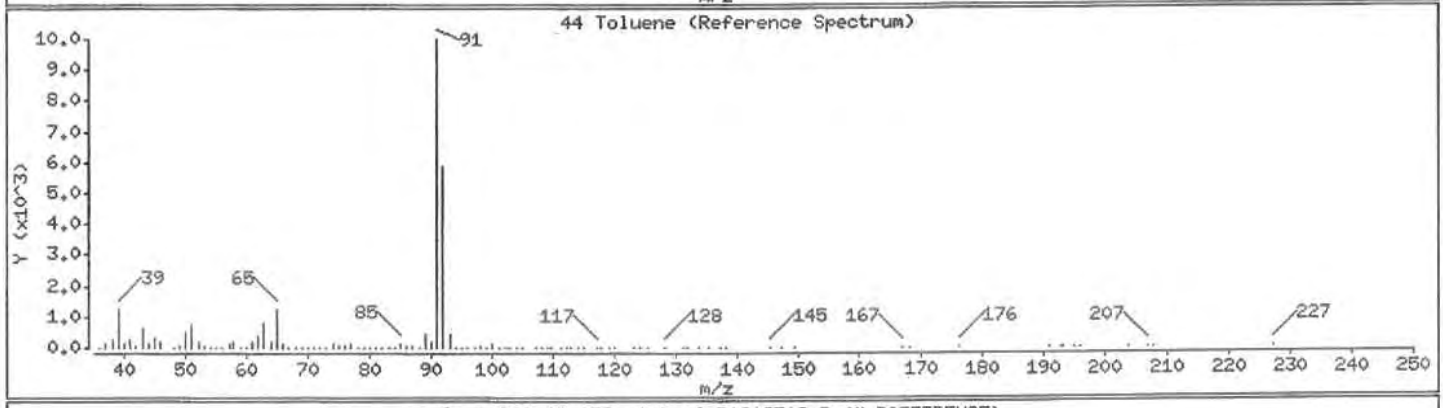
Column diameter: 0.25

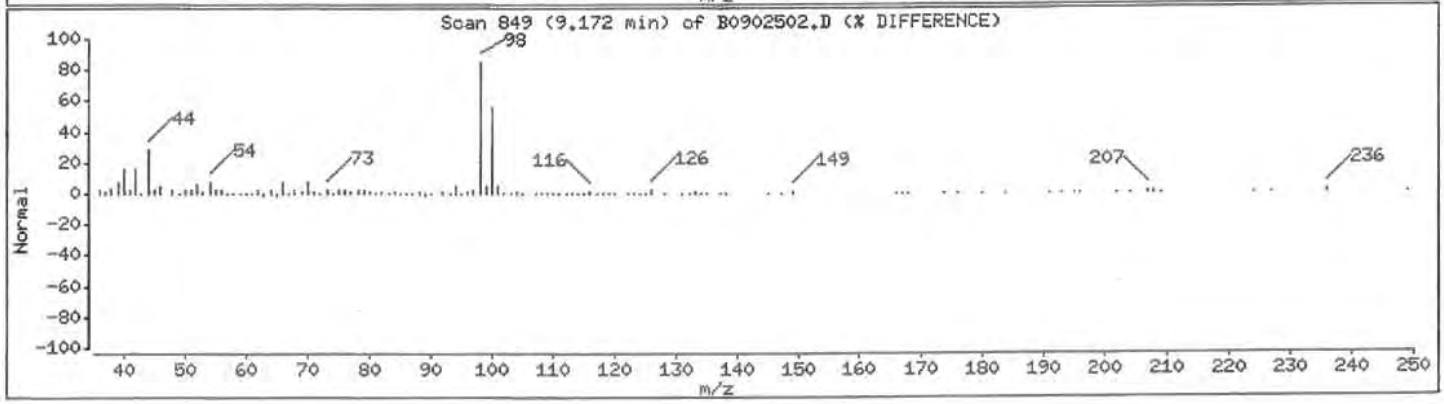
44 Toluene

Concentration: 0.0651 ug/L









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Date : 14-FEB-2007 14:26

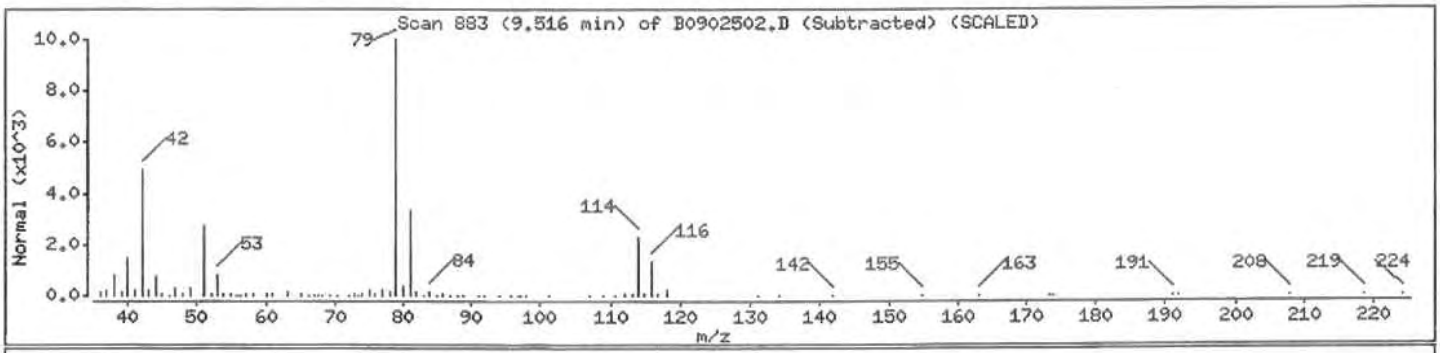
Client ID: Y34X0 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-002

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902502.D

Date : 14-FEB-2007 14:26

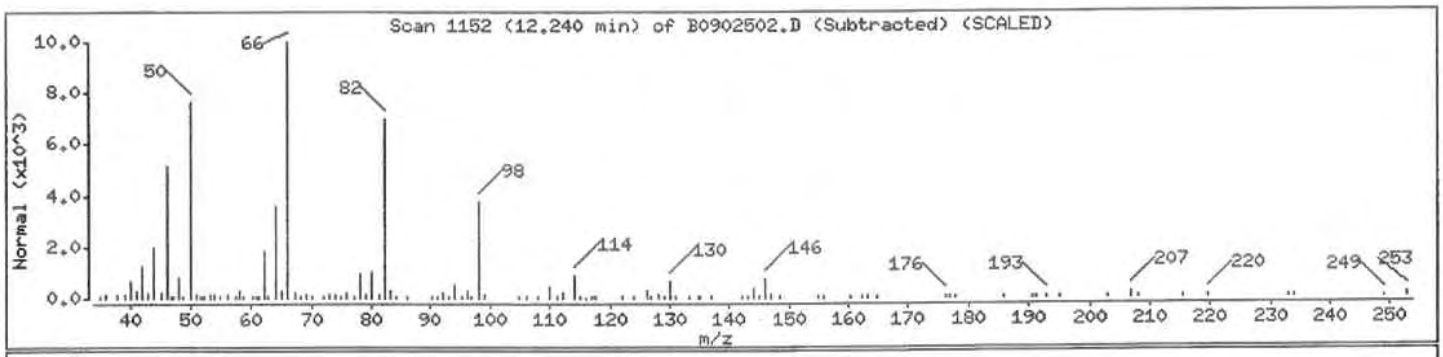
Client ID: Y34X0 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-002

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902502.D

Date : 14-FEB-2007 14:26

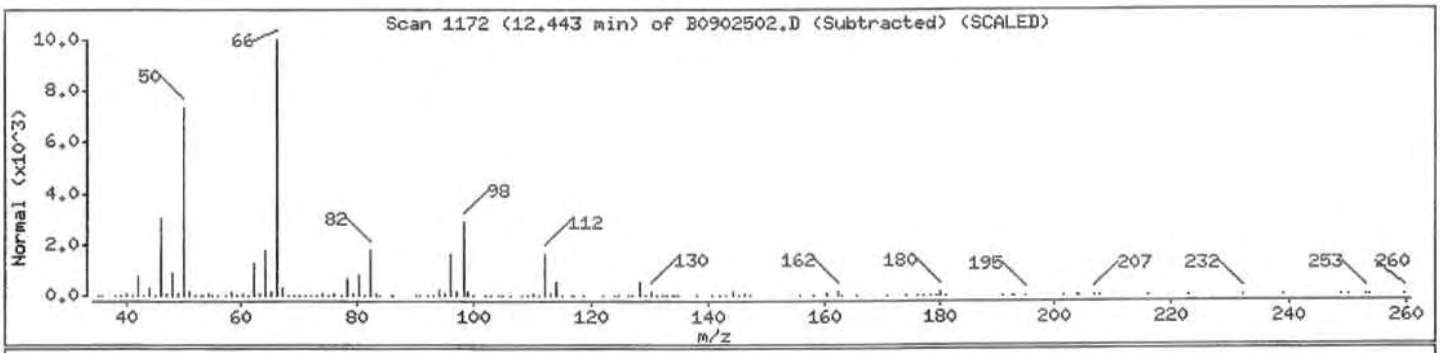
Client ID: Y34X0 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-002

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902502.D

Date : 14-FEB-2007 14:26

Client ID: Y34X0

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-002

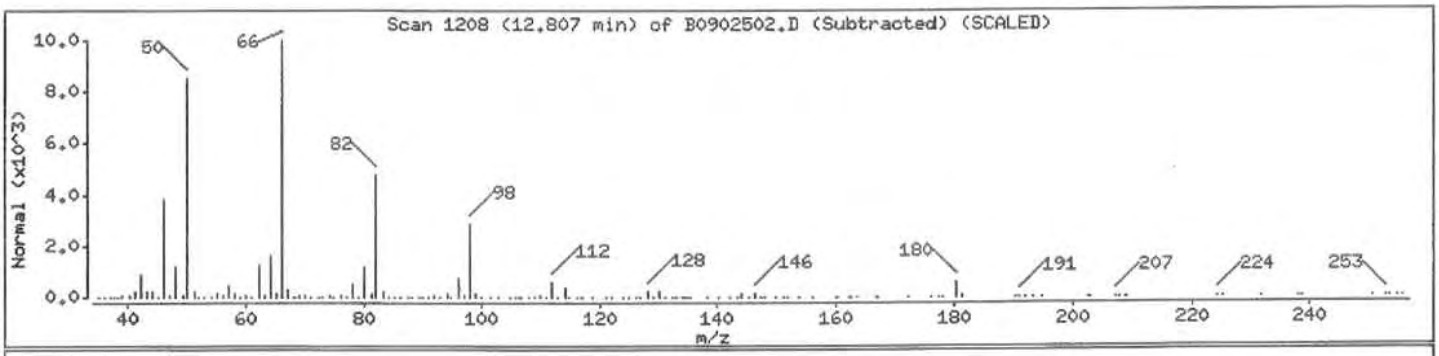
Purge Volume: 25.0

Operator: DLB

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34X1

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-003

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902503

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.32	J
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.072	J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	0.80	JB
75-15-0	Carbon disulfide	0.20	J
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.051	J
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34X1

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-003

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902503

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	0.93	
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.075	J
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34X1

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-003

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902503

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
Y34X1

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-003

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902503

Level: (TRACE or LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	9.517	0.69	J
02		Unknown-02	12.241	0.73	JB
03		Unknown-03	12.443	5.1	J
04		Unknown-04	12.808	7.7	J
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902503.D
Report Date: 01-Mar-2007 08:17

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0902503.D
Lab Smp Id: IB09025-003 Client Smp ID: Y34X1
Inj Date : 14-FEB-2007 14:48
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB09025-003
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 54
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
1	Dichlorodifluoromethane	85	1.668	1.648	(0.233)	8481	0.31905	0.3190(a)
2	Chloromethane	50	Compound Not Detected.					
$ 3	Vinyl Chloride-d3	65	1.911	1.921	(0.267)	106901	4.26903	4.2690
4	Vinyl Chloride	62	Compound Not Detected.					
5	Bromomethane	94	Compound Not Detected.					
$ 6	Chloroethane-d5	69	2.337	2.336	(0.327)	102366	4.49140	4.4914
7	Chloroethane	64	Compound Not Detected.					
8	Trichlorofluoromethane	101	Compound Not Detected.					
$ 9	1,1-Dichloroethene-d2	63	3.137	3.136	(0.439)	263535	4.08779	4.0877
11	1,1-Dichloroethene	96	3.147	3.157	(0.440)	2172	0.07184	0.0718(aQ)
10	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
12	Acetone	43	3.278	3.288	(0.459)	2865	0.79522	0.7952(a)
13	Carbon Disulfide	76	3.420	3.420	(0.479)	20856	0.20005	0.2000(a)
14	Methyl Acetate	43	Compound Not Detected.					
15	Methylene Chloride	84	Compound Not Detected.					
16	Methyl tert-Butyl Ether	73	Compound Not Detected.					
17	trans-1,2-Dichloroethene	96	Compound Not Detected.					
18	1,1-Dichloroethane	63	Compound Not Detected.					
$ 19	2-Butanone-d5	46	5.466	5.466	(0.765)	511103	52.9079	52.9078(Q)
20	cis-1,2-Dichloroethene	96	Compound Not Detected.					
21	2-Butanone	43	Compound Not Detected.					
22	Bromochloromethane	128	Compound Not Detected.					
$ 23	Chloroform-d	84	5.881	5.881	(0.823)	318909	5.22747	5.2274(Q)
24	Chloroform	83	Compound Not Detected.					

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
	25	1,1,1-Trichloroethane	97	Compound Not Detected.					
	26	Cyclohexane	56	Compound Not Detected.					
	27	Carbon Tetrachloride	117	Compound Not Detected.					
$	28	1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	172442	5.53442	5.5344(Q)
$	29	Benzene-d6	84	6.529	6.529	(0.608)	685553	5.16936	5.1693
	30	Benzene	78	6.579	6.579	(0.613)	7692	0.05130	0.0512(a)
	31	1,2-Dichloroethane	62	Compound Not Detected.					
*	32	1,4-Difluorobenzene	114	7.147	7.146	(1.000)	565211	5.00000	
	33	Trichloroethene	95	7.440	7.440	(0.693)	35612	0.93163	0.9316
$	34	1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	226721	5.25918	5.2591
	35	Methylcyclohexane	83	Compound Not Detected.					
	36	1,2-Dichloropropane	63	Compound Not Detected.					
$	39	1,4-Dioxane-d8	96	7.926	7.916	(1.109)	28501	238.687	238.6867(Q)
	38	1,4-Dioxane	88	Compound Not Detected.					
	37	Bromodichloromethane	83	Compound Not Detected.					
$	40	trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	104734	4.24964	4.2496
	41	cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42	4-Methyl-2-pentanone	43	Compound Not Detected.					
$	43	Toluene-d8	98	9.081	9.081	(0.846)	618198	5.13280	5.1327
	44	Toluene	91	9.172	9.172	(0.855)	11876	0.07536	0.0753(a)
	45	trans-1,3-Dichloropropene	75	Compound Not Detected.					
	46	1,1,2-Trichloroethane	97	Compound Not Detected.					
	47	Tetrachloroethene	164	Compound Not Detected.					
$	48	2-Hexanone-d5	63	9.962	9.962	(0.928)	578494	49.8659	49.8659
	49	2-Hexanone	43	Compound Not Detected.					
	50	Dibromochloromethane	129	Compound Not Detected.					
	51	1,2-Dibromoethane	107	Compound Not Detected.					
*	52	Chlorobenzene-d5	117	10.731	10.731	(1.000)	524339	5.00000	
	53	Chlorobenzene	112	Compound Not Detected.					
	54	Ethylbenzene	91	Compound Not Detected.					
	55	m+p-Xylenes	106	Compound Not Detected.					
	56	o-Xylene	106	Compound Not Detected.					
	57	Styrene	104	Compound Not Detected.					
	58	Bromoform	173	Compound Not Detected.					
	59	Isopropylbenzene	105	Compound Not Detected.					
$	60	1,1,2,2-Tetrachloroethane-d2	84	11.926	11.916	(1.111)	155799	4.76337	4.7633
	61	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	62	1,3-Dichlorobenzene	146	Compound Not Detected.					
*	63	1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	246968	5.00000	
	64	1,4-Dichlorobenzene	146	Compound Not Detected.					
$	65	1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	211704	4.97298	4.9729
	66	1,2-Dichlorobenzene	146	Compound Not Detected.					
	67	1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
	68	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	69	1,2,3-Trichlorobenzene	180	Compound Not Detected.					
	72	tert-butyl alcohol	59	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0902503.D
Lab Smp Id: IB09025-003 Client Smp ID: Y34X1
Inj Date : 14-FEB-2007 14:48
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB09025-003
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 54
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

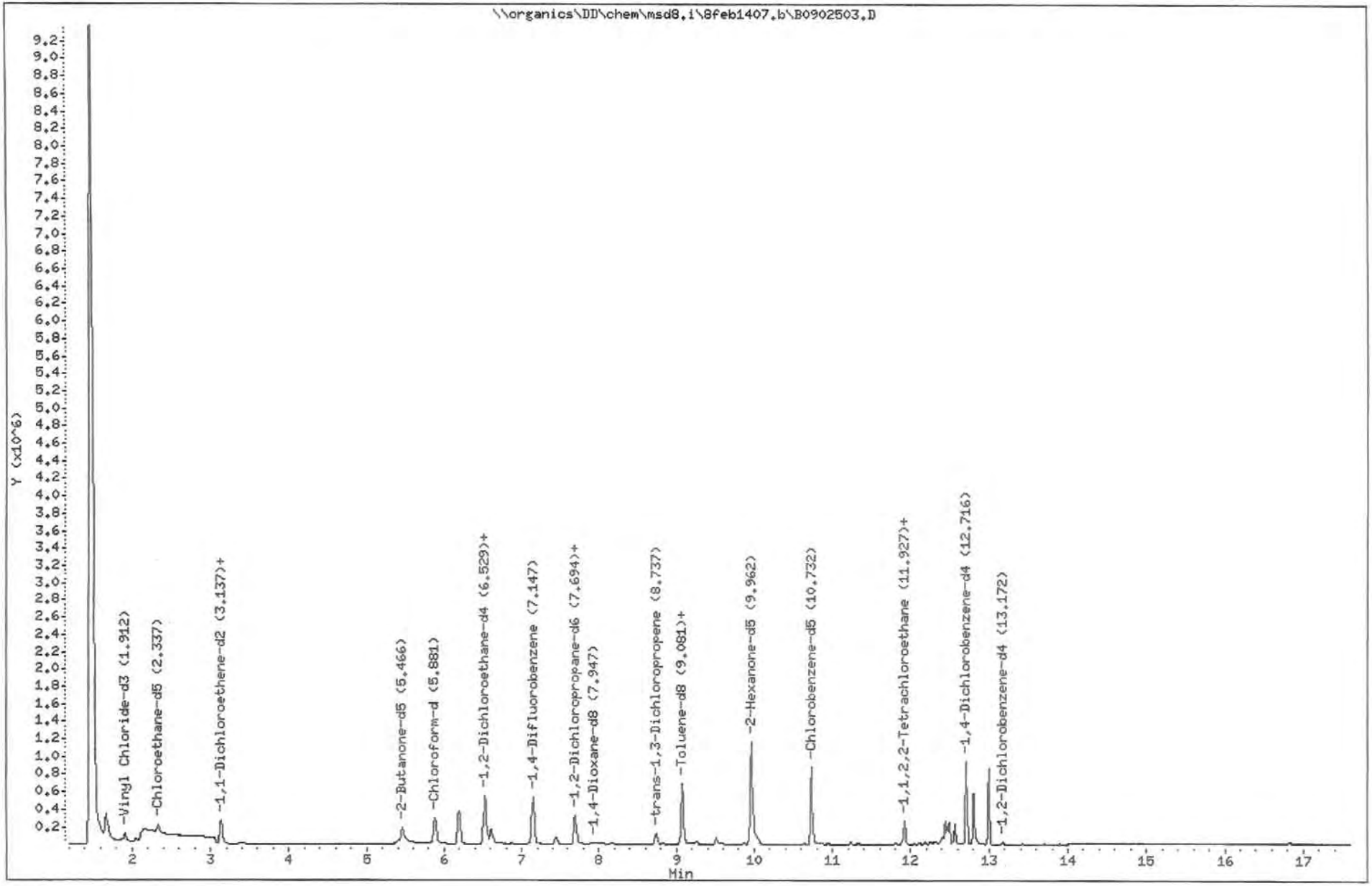
Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 52 Chlorobenzene-d5	10.732	1696071	5.000
* 63 1,4-Dichlorobenzene-d4	12.716	1619143	5.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
9.517	232972	0.68679868	0.6867	0		0	52
Unknown				CAS #:			
12.241	235615	0.72759310	0.7275	0		0	63
Unknown				CAS #:			
12.443	1650209	5.09593206	5.0959	0		0	63
Unknown				CAS #:			
12.808	2483826	7.67018669	7.6701	0		0	63

Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902503.D
Date : 14-FEB-2007 14:48
Client ID: Y34X1
Sample Info: 8feb1407.b, IB09025-003
Purge Volume: 25.0
Column phase: DB-624

Instrument: msd8.i
Operator: DLB
Column diameter: 0.25



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Date : 14-FEB-2007 14:48

Client ID: Y34X1

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-003

Purge Volume: 25.0

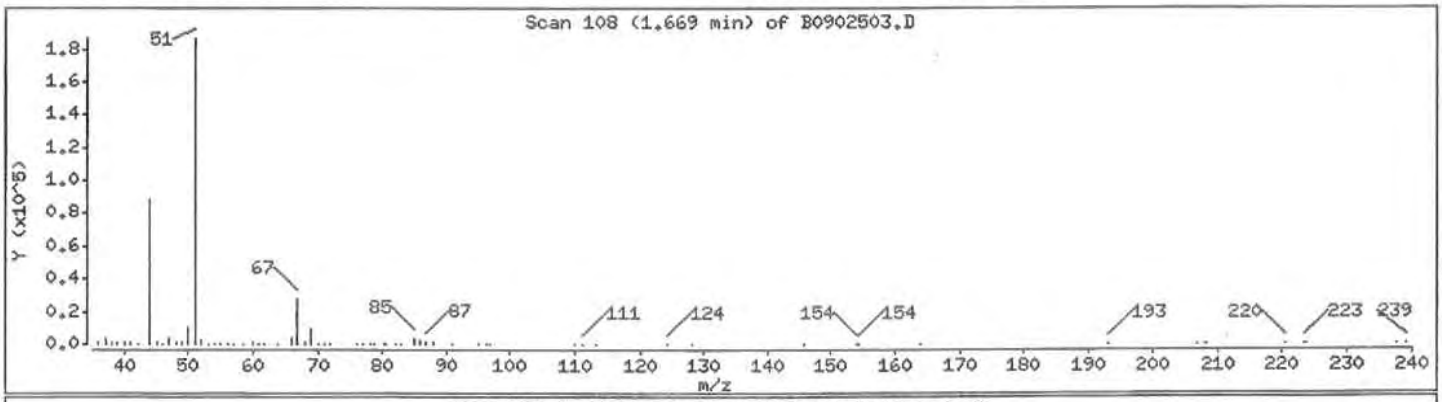
Operator: DLB

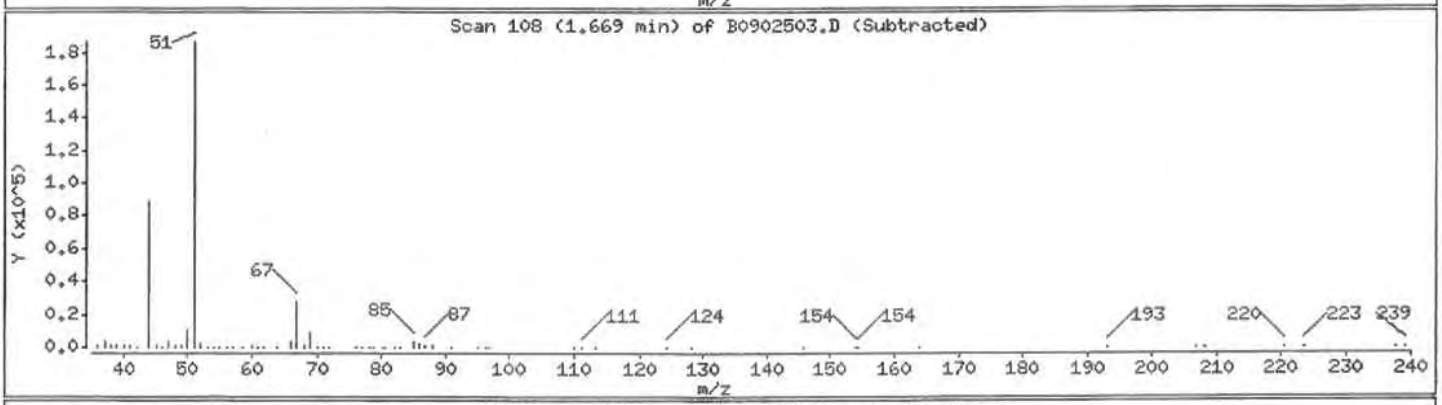
Column phase: DB-624

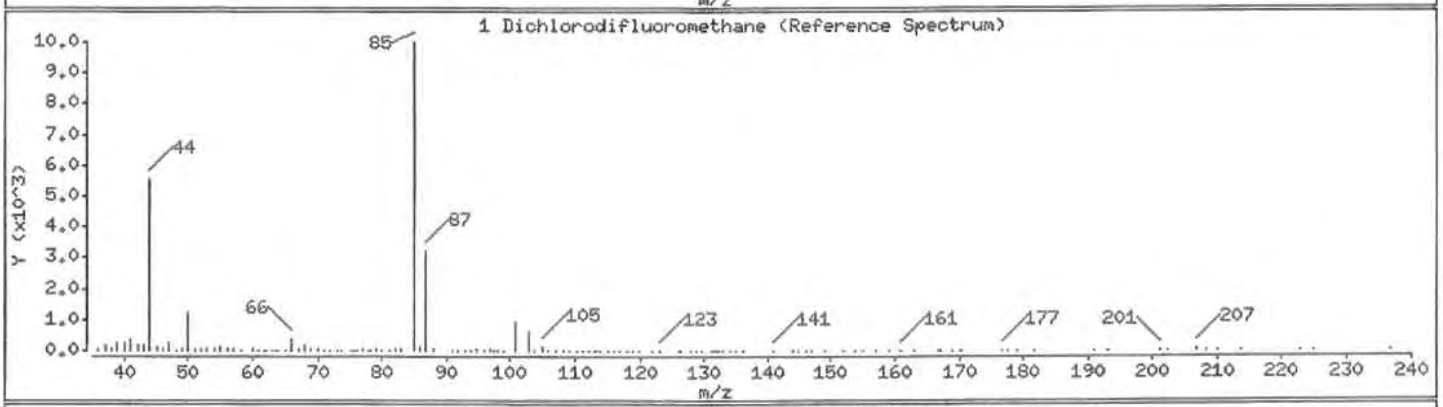
Column diameter: 0.25

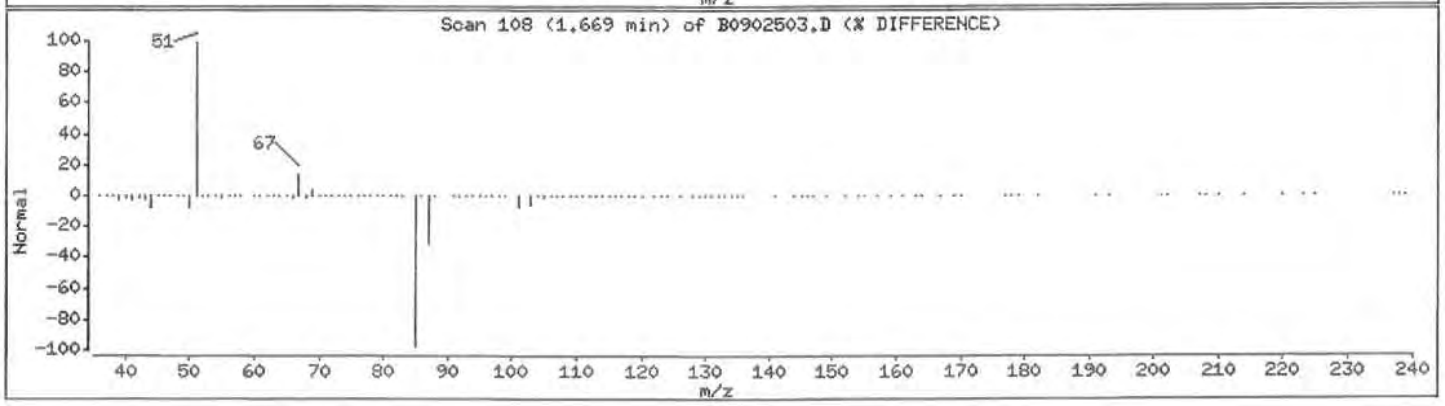
1 Dichlorodifluoromethane

Concentration: 0.3190 ug/L









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Date : 14-FEB-2007 14:48

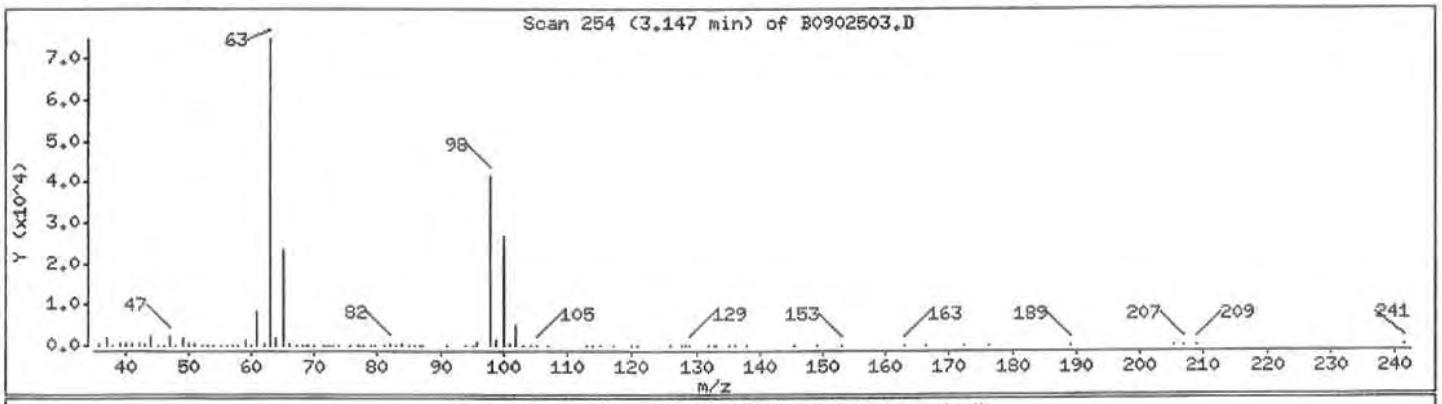
Client ID: Y34X1 Instrument: msd8.i

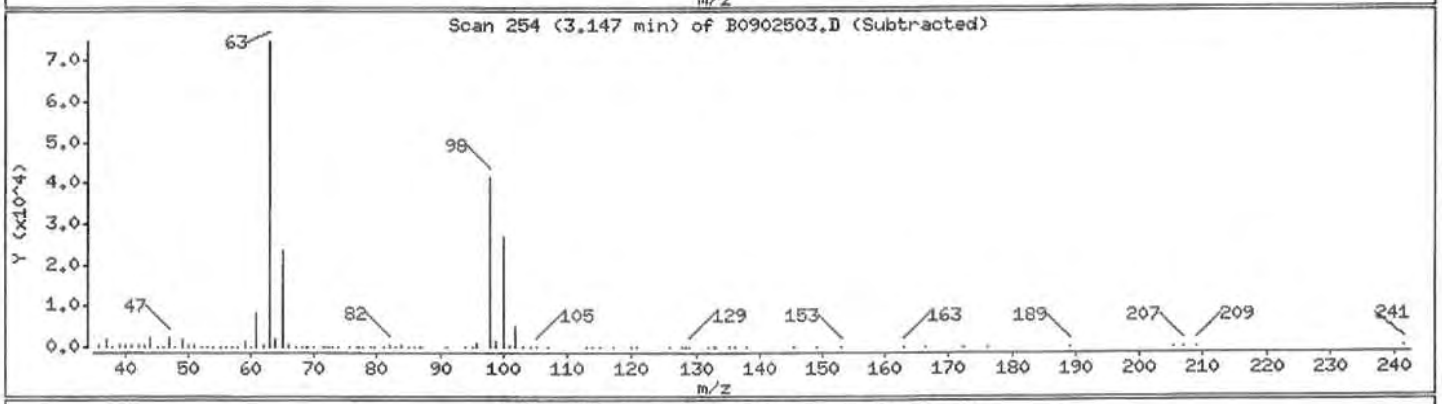
Sample Info: 8feb1407.b, IB09025-003

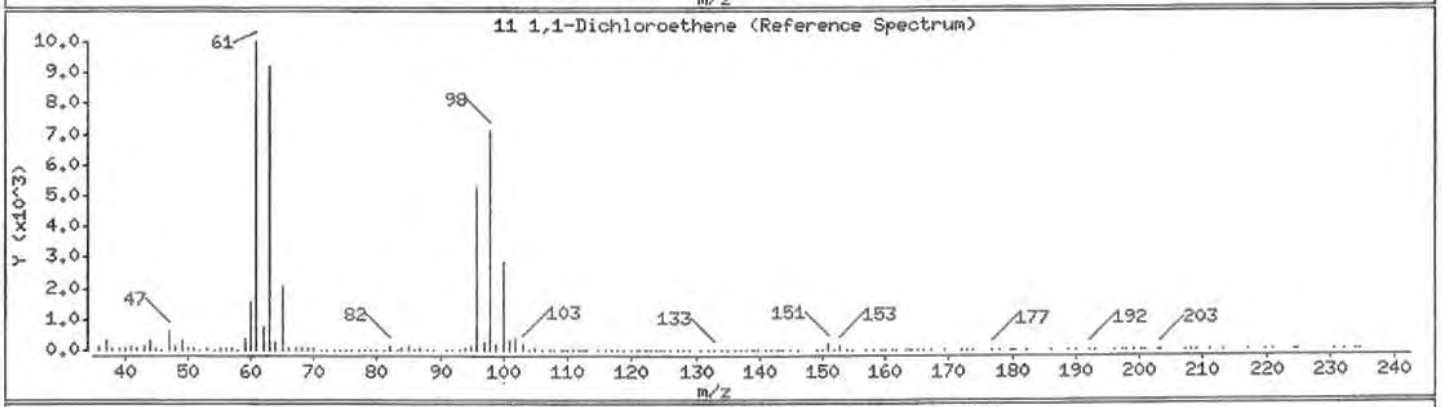
Purge Volume: 25.0 Operator: DLB

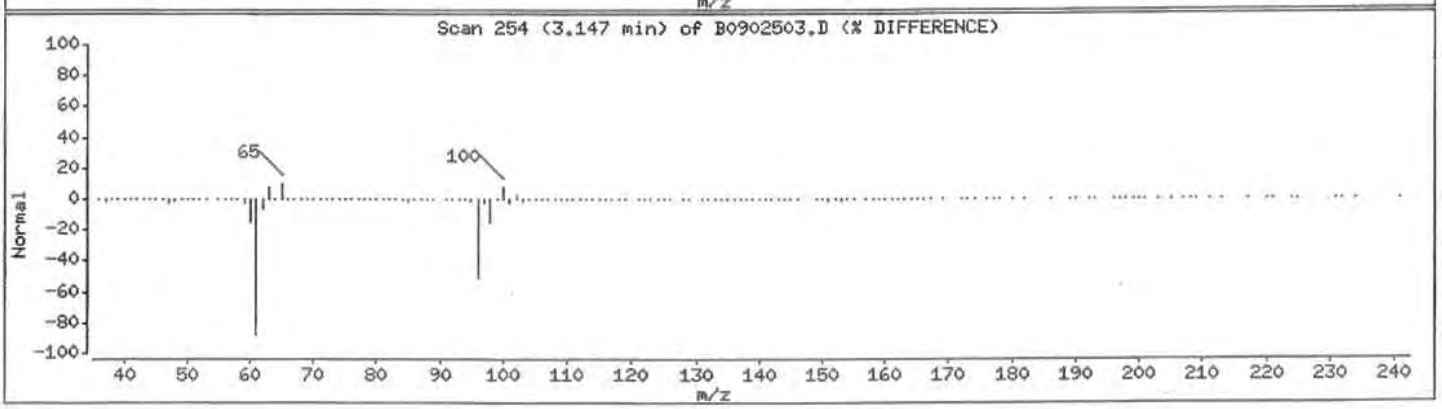
Column phase: DB-624 Column diameter: 0.25

11 1,1-Dichloroethene Concentration: 0.0718 ug/L









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Date : 14-FEB-2007 14:48

Client ID: Y34X1

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-003

Purge Volume: 25.0

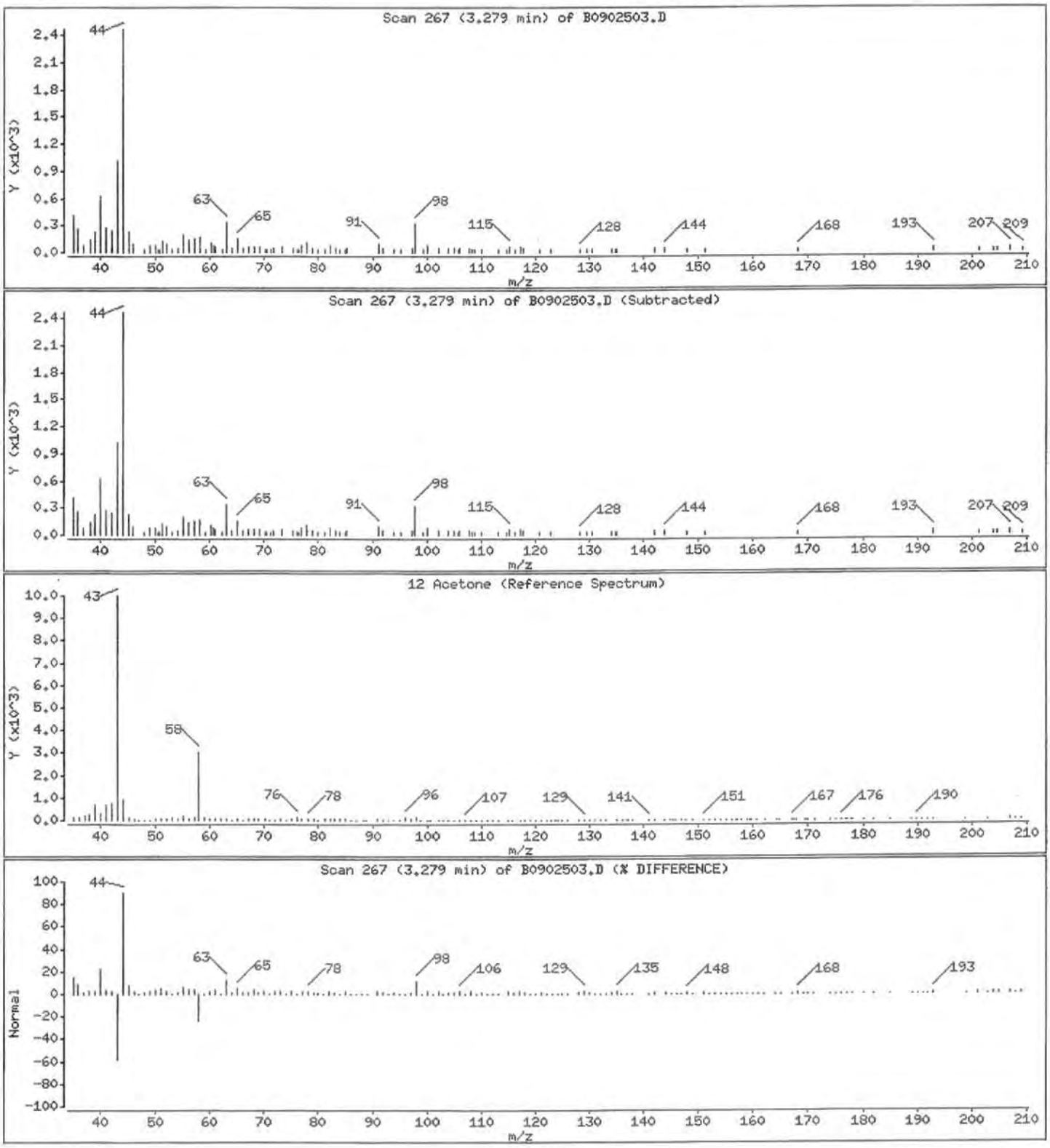
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

12 Acetone

Concentration: 0.7952 ug/L



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Date : 14-FEB-2007 14:48

Client ID: Y34X1

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-003

Purge Volume: 25.0

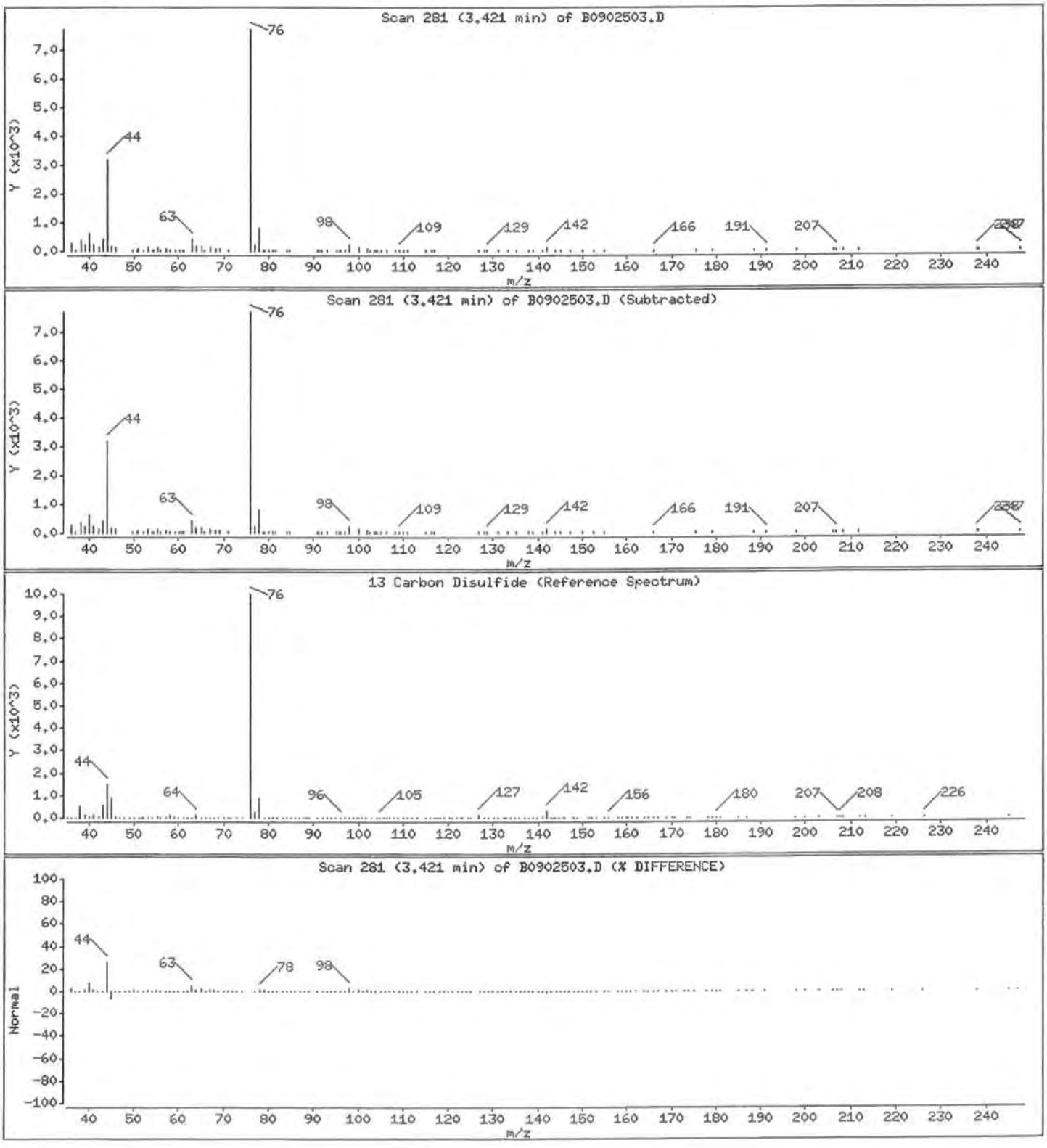
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

13 Carbon Disulfide

Concentration: 0.2000 ug/L



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Date : 14-FEB-2007 14:48

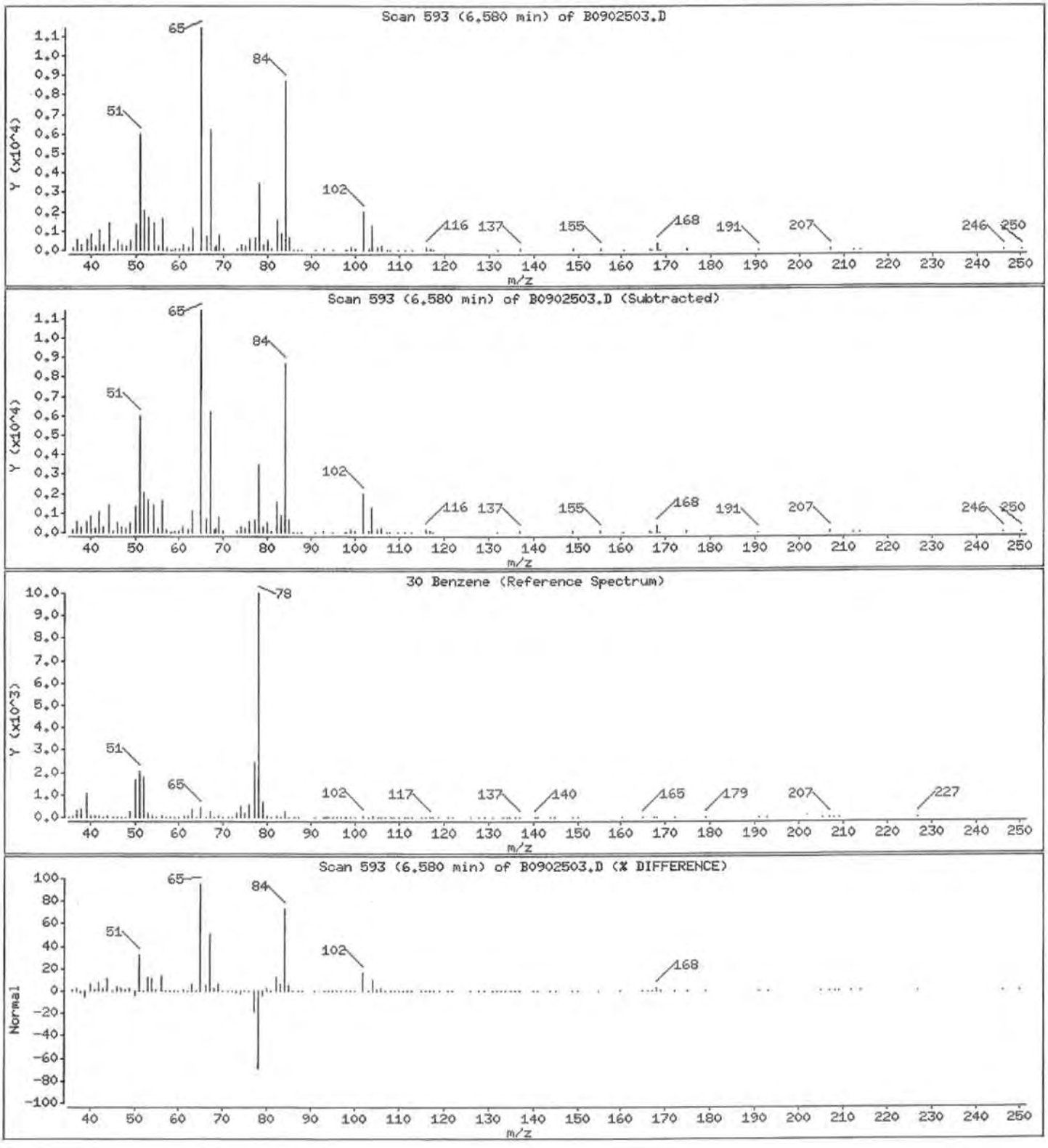
Client ID: Y34X1 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-003

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

30 Benzene Concentration: 0.0512 ug/L



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Date : 14-FEB-2007 14:48

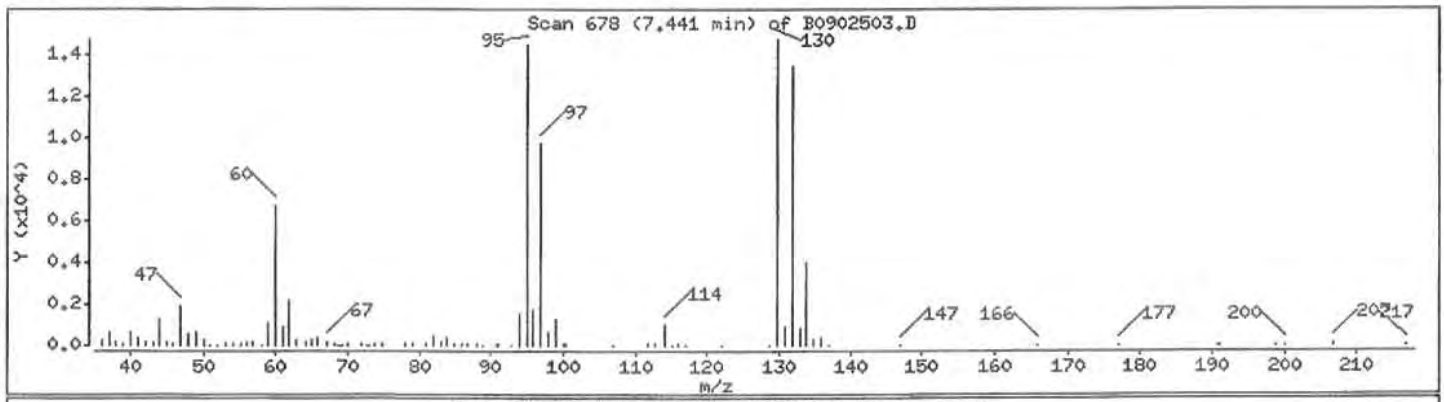
Client ID: Y34X1 Instrument: msd8.i

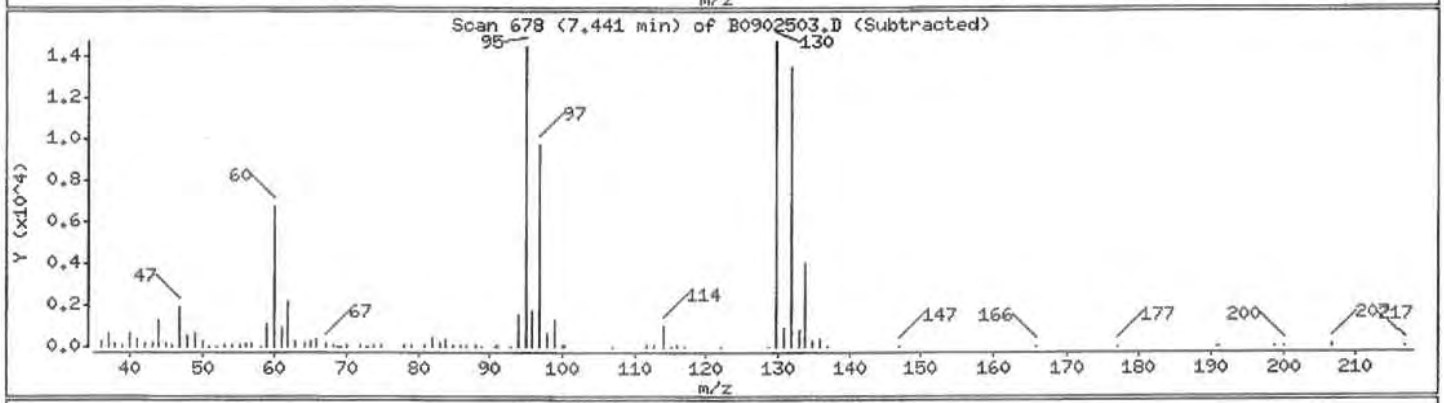
Sample Info: 8feb1407.b, IB09025-003

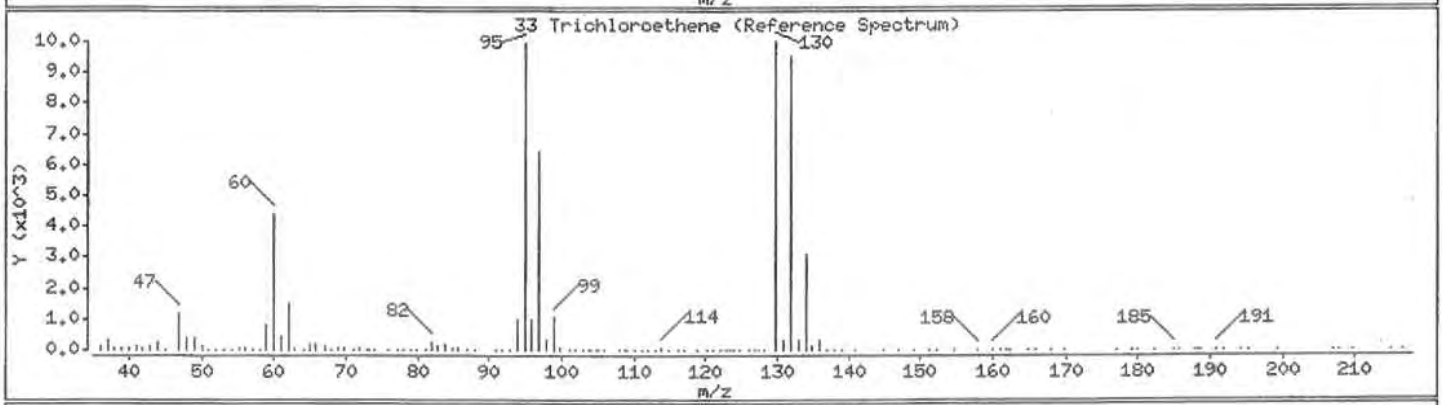
Purge Volume: 25.0 Operator: DLB

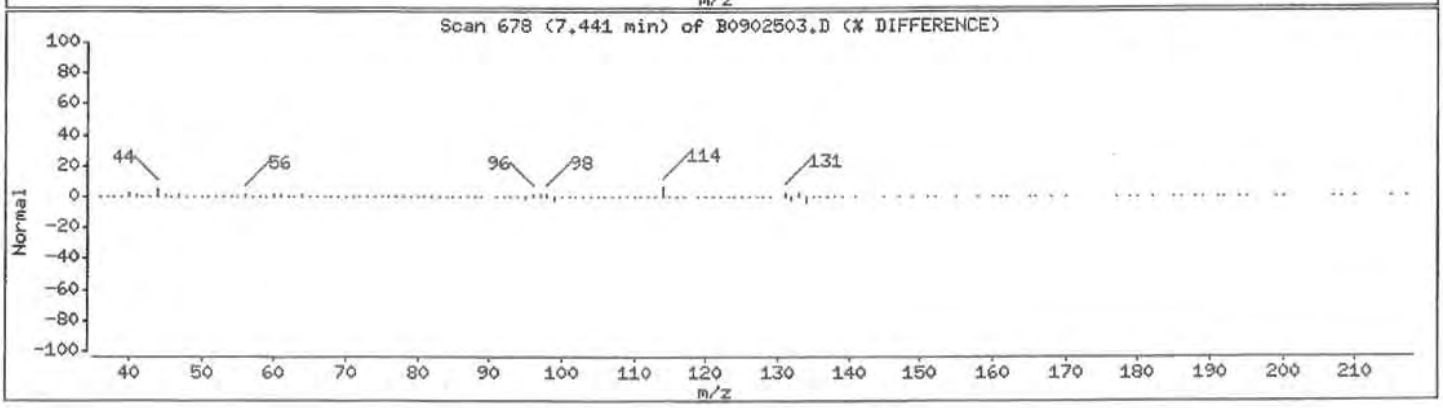
Column phase: DB-624 Column diameter: 0.25

33 Trichloroethene Concentration: 0.9316 ug/L









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Date : 14-FEB-2007 14:48

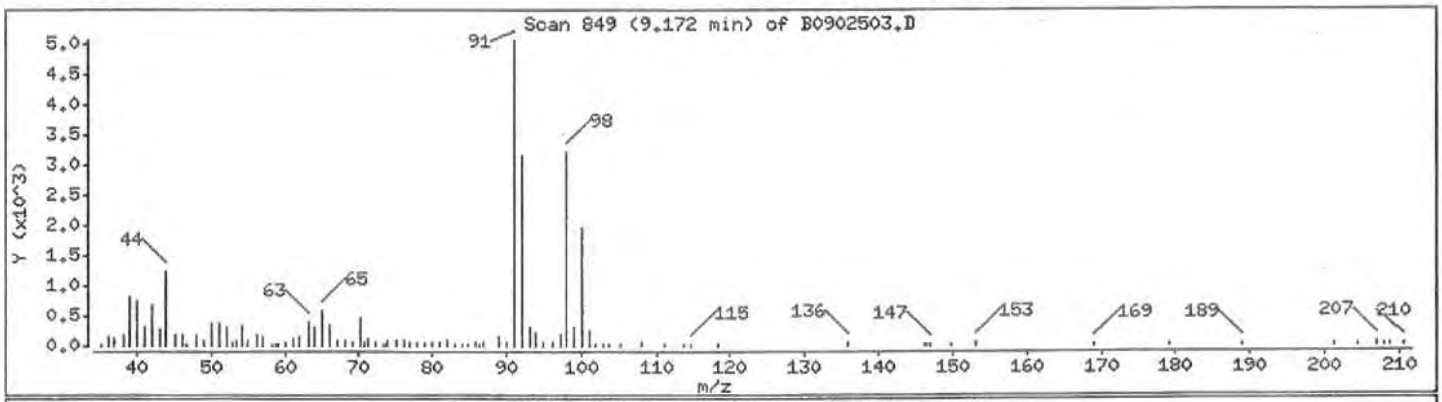
Client ID: Y34X1 Instrument: msd8.i

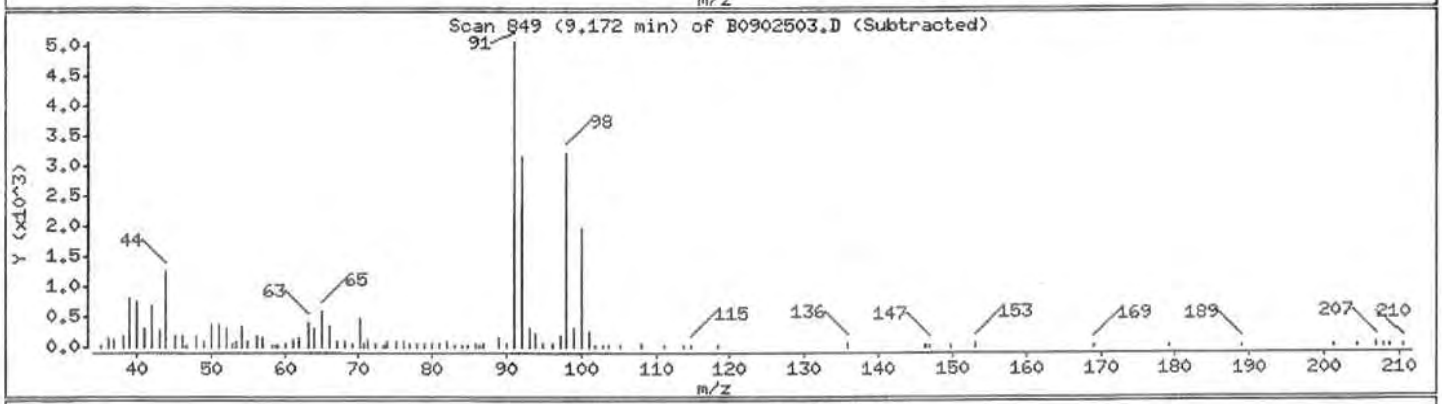
Sample Info: 8feb1407.b, IB09025-003

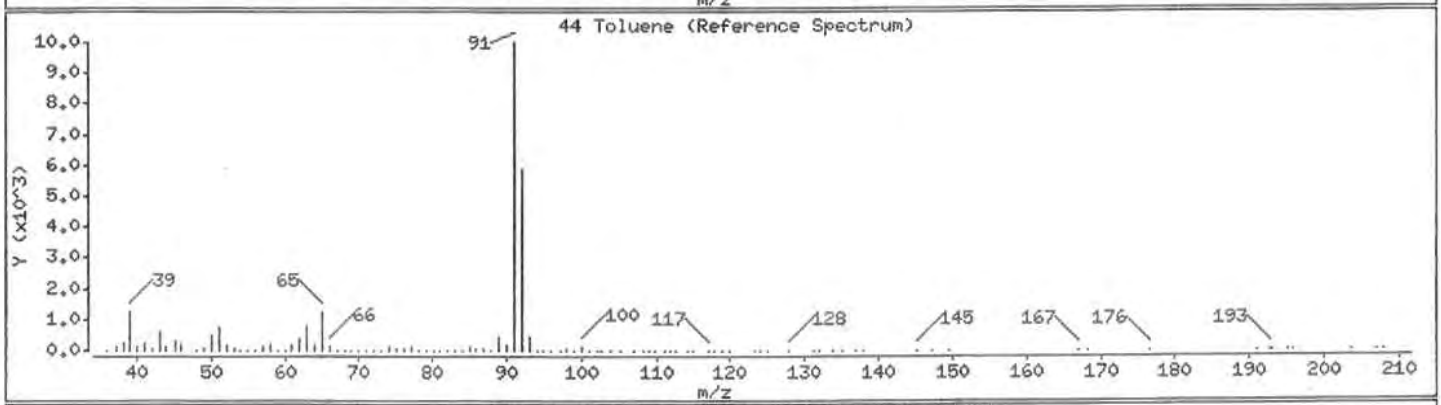
Purge Volume: 25.0 Operator: DLB

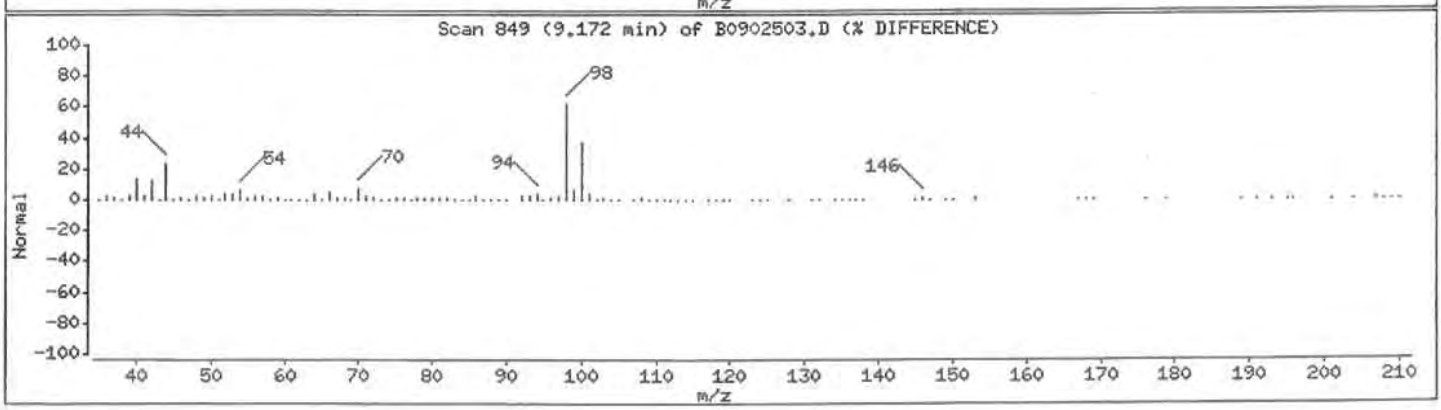
Column phase: DB-624 Column diameter: 0.25

44 Toluene Concentration: 0.0753 ug/L









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Date : 14-FEB-2007 14:48

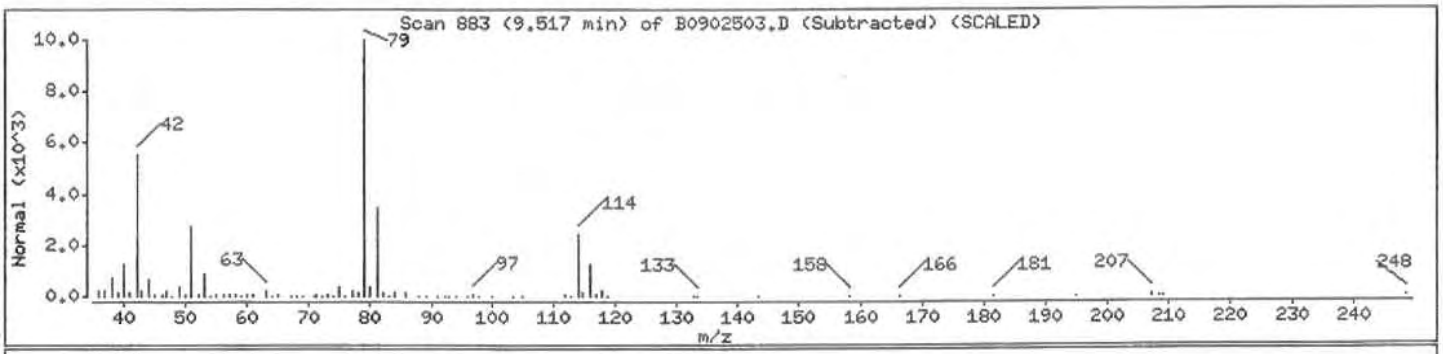
Client ID: Y34X1 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-003

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 14-FEB-2007 14:48

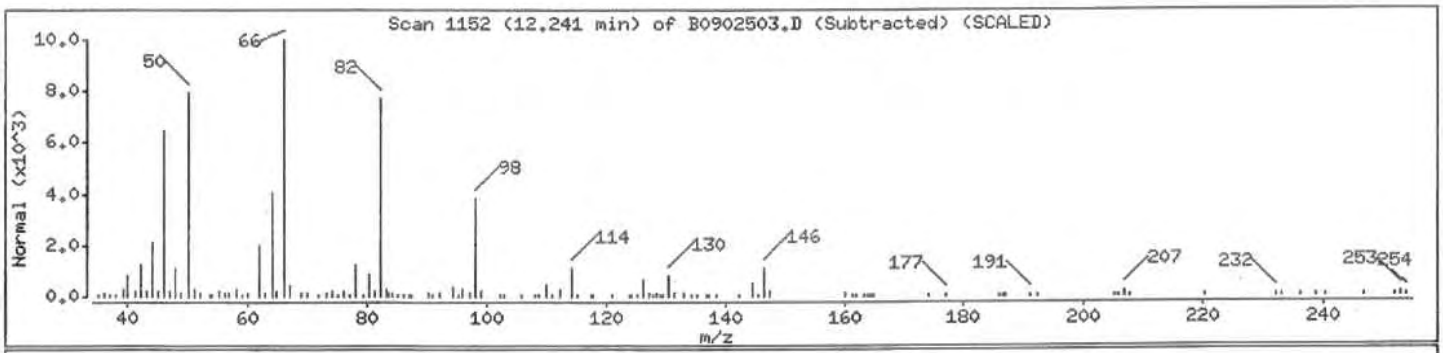
Client ID: Y34X1 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-003

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902503.D

Date : 14-FEB-2007 14:48

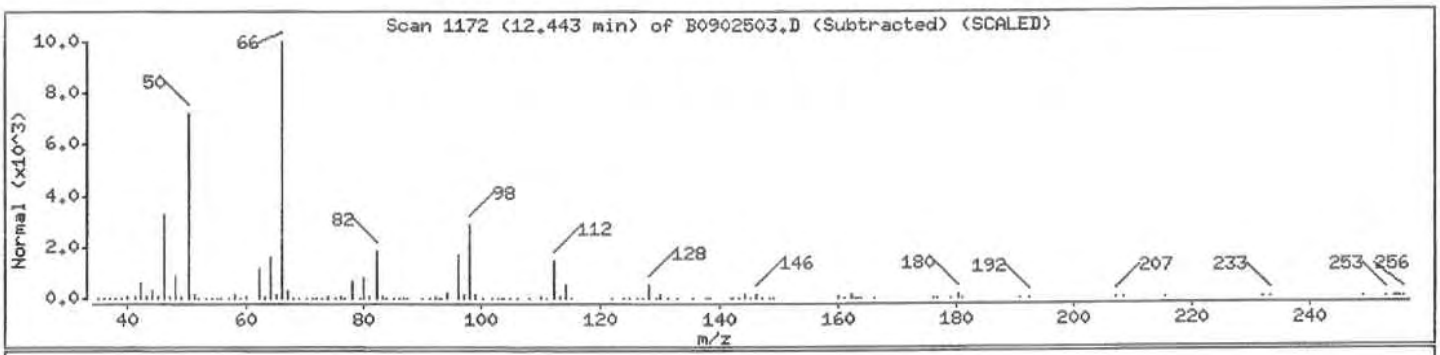
Client ID: Y34X1 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-003

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902503.D

Date : 14-FEB-2007 14:48

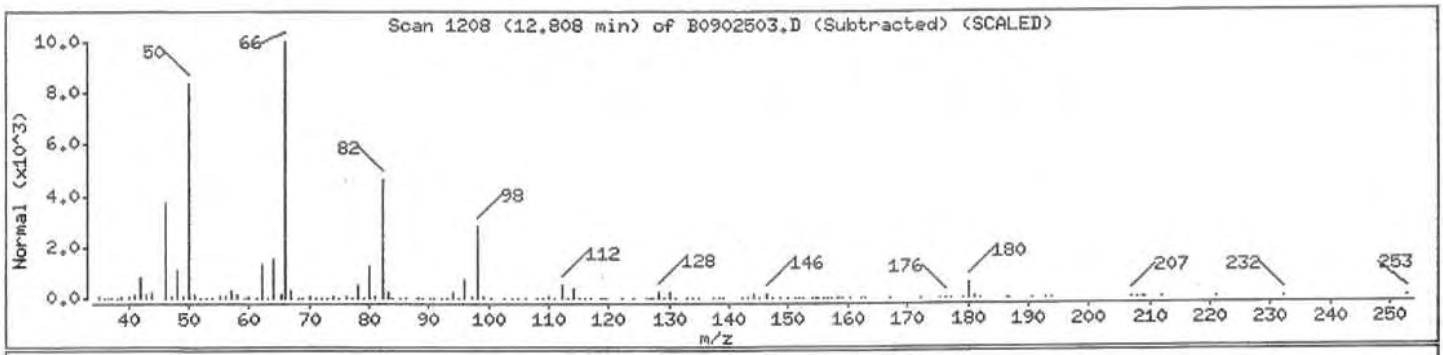
Client ID: Y34X1 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-003

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34X2

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-004

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902504

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.83	
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.58	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	1.2	JB
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.092	J
75-09-2	Methylene chloride	0.088	J
156-60-5	trans-1,2-Dichloroethene	0.15	J
1634-04-4	Methyl tert-butyl ether	0.18	J
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	6.3	
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.26	JB
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.17	J
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34X2

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-004

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902504

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	31	E
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.86	
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34X2

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-004

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902504

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
Y34X2

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-004

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902504

Level: (TRACE or LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	9.253	26	J
02		Unknown-02	9.517	45	J
03		Unknown-03	11.046	1.9	J
04		Unknown-04	11.238	14	J
05		Unknown-05	11.552	3.2	J
06		Unknown-06	12.808	6.6	J
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0902504.D
Lab Smp Id: IB09025-004 Client Smp ID: Y34X2
Inj Date : 14-FEB-2007 15:11
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB09025-004
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 55
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
1	Dichlorodifluoromethane	85	1.668	1.648	(0.233)	22673	0.82590	0.8259
2	Chloromethane	50	Compound Not Detected.					
$ 3	Vinyl Chloride-d3	65	1.911	1.921	(0.267)	100492	3.88581	3.8858
4	Vinyl Chloride	62	Compound Not Detected.					
5	Bromomethane	94	Compound Not Detected.					
$ 6	Chloroethane-d5	69	2.337	2.336	(0.327)	99533	4.22859	4.2285
7	Chloroethane	64	Compound Not Detected.					
8	Trichlorofluoromethane	101	Compound Not Detected.					
$ 9	1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	265259	3.98403	3.9840
11	1,1-Dichloroethene	96	3.147	3.157	(0.440)	18116	0.58019	0.5801(Q)
10	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
12	Acetone	43	3.299	3.288	(0.462)	4599	1.23603	1.2360(a)
13	Carbon Disulfide	76	Compound Not Detected.					
14	Methyl Acetate	43	3.653	3.663	(0.511)	2514	0.09240	0.0923(a)
15	Methylene Chloride	84	3.835	3.825	(0.537)	3248	0.08779	0.0877(a)
16	Methyl tert-Butyl Ether	73	4.088	4.078	(0.572)	18247	0.18016	0.1801(a)
17	trans-1,2-Dichloroethene	96	4.119	4.119	(0.576)	5520	0.14953	0.1495(aQ)
18	1,1-Dichloroethane	63	Compound Not Detected.					
$ 19	2-Butanone-d5	46	5.466	5.466	(0.765)	603593	60.5004	60.5004(Q)
20	cis-1,2-Dichloroethene	96	5.506	5.496	(0.770)	247278	6.26908	6.2690
21	2-Butanone	43	Compound Not Detected.					
22	Bromochloromethane	128	Compound Not Detected.					
$ 23	Chloroform-d	84	5.881	5.881	(0.823)	309157	4.90689	4.9068(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	24 Chloroform	83	5.911	5.911	(0.827)	17078	0.25771	0.2577(a)
	25 1,1,1-Trichloroethane	97	Compound Not Detected.					
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon Tetrachloride	117	6.265	6.265	(0.584)	7236	0.16540	0.1654(aH)
$	28 1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	175777	5.46253	5.4625(Q)
$	29 Benzene-d6	84	6.529	6.529	(0.608)	675394	5.06898	5.0689
	30 Benzene	78	Compound Not Detected.					
	31 1,2-Dichloroethane	62	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	7.146	7.146	(1.000)	583725	5.00000	
	33 Trichloroethene	95	7.440	7.440	(0.693)	1187858	30.9299	30.9298(A)
$	34 1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	224188	5.17615	5.1761
	35 Methylcyclohexane	83	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
$	39 1,4-Dioxane-d8	96	7.916	7.916	(1.108)	26532	215.150	215.1496(Q)
	38 1,4-Dioxane	88	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
$	40 trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	101657	4.10554	4.1055
	41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	43 Toluene-d8	98	9.081	9.081	(0.846)	594241	4.91086	4.9108
	44 Toluene	91	Compound Not Detected.					
	45 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	46 1,1,2-Trichloroethane	97	Compound Not Detected.					
	47 Tetrachloroethene	164	9.800	9.800	(0.913)	27447	0.85525	0.8552
$	48 2-Hexanone-d5	63	9.962	9.962	(0.928)	610593	52.3871	52.3871
	49 2-Hexanone	43	Compound Not Detected.					
	50 Dibromochloromethane	129	Compound Not Detected.					
	51 1,2-Dibromoethane	107	Compound Not Detected.					
*	52 Chlorobenzene-d5	117	10.731	10.731	(1.000)	526798	5.00000	
	53 Chlorobenzene	112	Compound Not Detected.					
	54 Ethylbenzene	91	Compound Not Detected.					
	55 m+p-Xylenes	106	Compound Not Detected.					
	56 o-Xylene	106	Compound Not Detected.					
	57 Styrene	104	Compound Not Detected.					
	58 Bromoform	173	Compound Not Detected.					
	59 Isopropylbenzene	105	Compound Not Detected.					
$	60 1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	157150	4.78225	4.7822
	61 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	62 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	63 1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	248931	5.00000	
	64 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	65 1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	206244	4.80652	4.8065
	66 1,2-Dichlorobenzene	146	Compound Not Detected.					
	67 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
	68 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	69 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
	72 tert-butyl alcohol	59	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.

QC Flag Legend

Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0902504.D
Lab Smp Id: IB09025-004 Client Smp ID: Y34X2
Inj Date : 14-FEB-2007 15:11
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB09025-004
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 55
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 52 Chlorobenzene-d5	10.732	26402	5.000
* 63 1,4-Dichlorobenzene-d4	12.716	1623134	5.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
9.253	135079	25.5811122	25.5811	0		0	52
Unknown				CAS #:			
9.517	237278	44.9353946	44.9353	0		0	52
Unknown				CAS #:			
11.046	10092	1.91118505	1.9111	0		0	52
Unknown				CAS #:			
11.238	73810	13.9779625	13.9779	0		0	52
Unknown				CAS #:			
11.552	17019	3.22310816	3.2231	0		0	52

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
12.808	2151253	6.62684838	6.6268	0		0	63

Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902504.D

Date : 14-FEB-2007 15:11

Client ID: Y34X2

Instrument: msd8.i

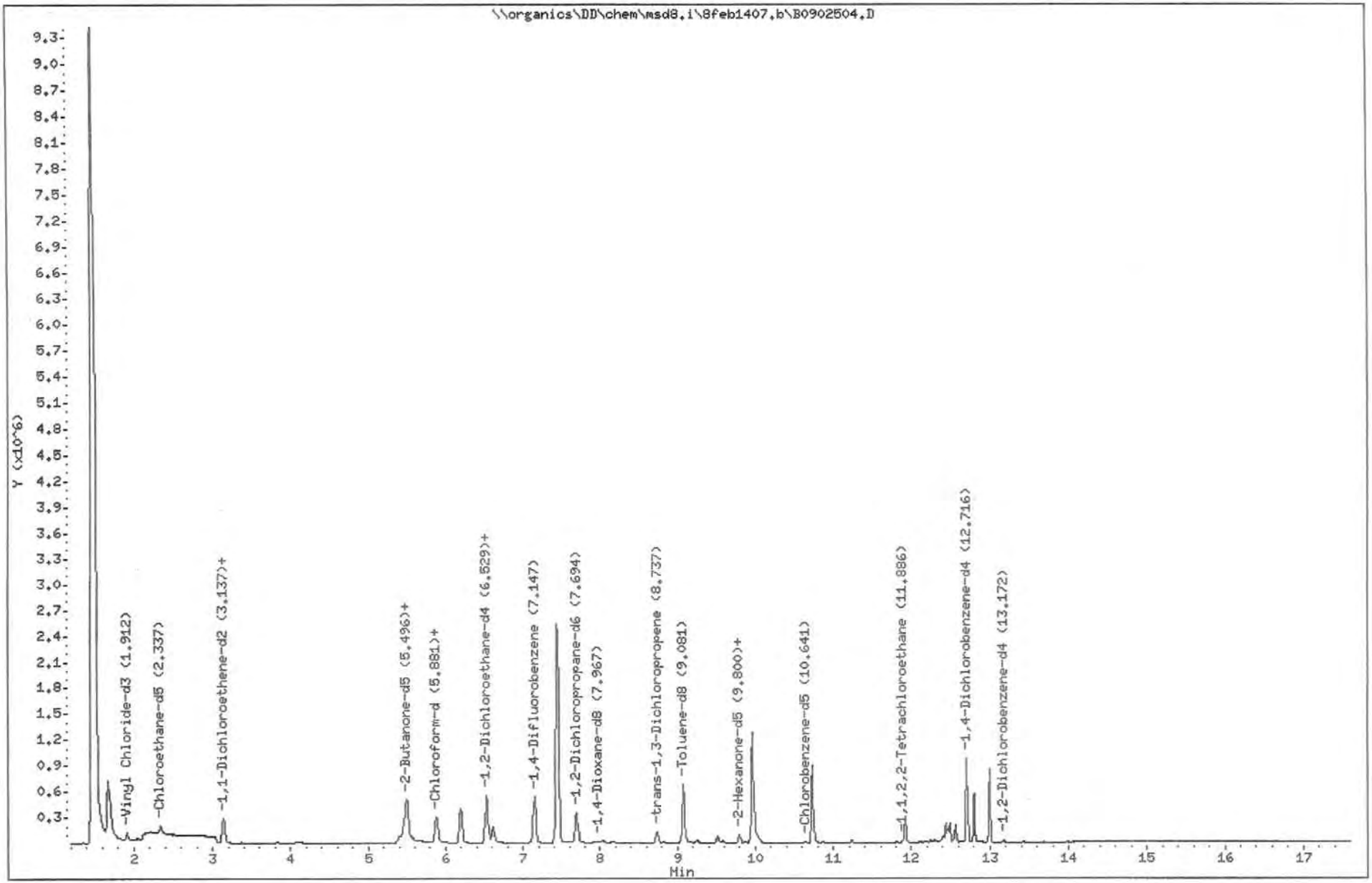
Sample Info: 8feb1407.b, IB09025-004

Purge Volume: 25.0

Operator: DLB

Column phase: DB-624

Column diameter: 0.25



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902504.D

Date : 14-FEB-2007 15:11

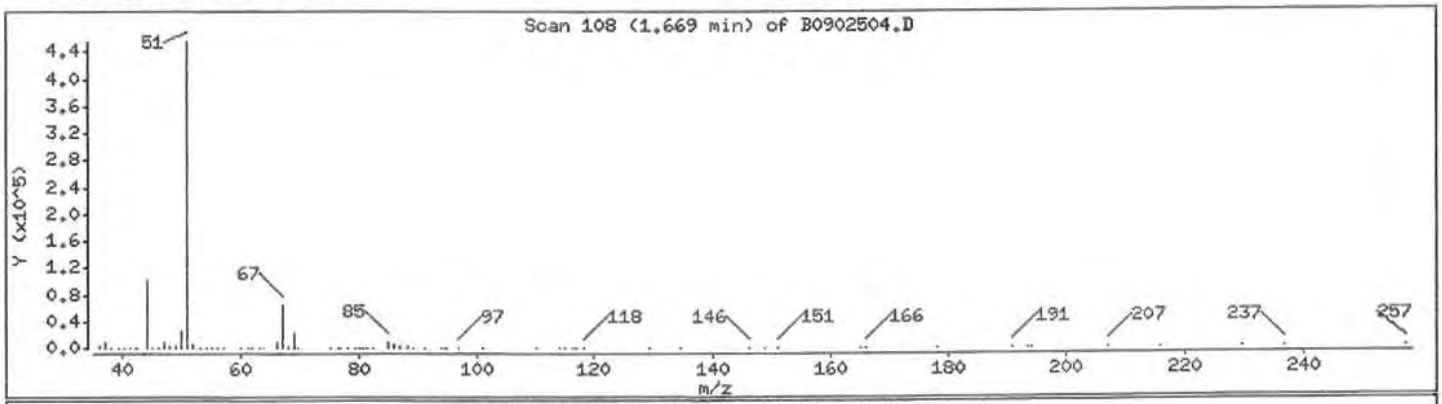
Client ID: Y34X2 Instrument: msd8.i

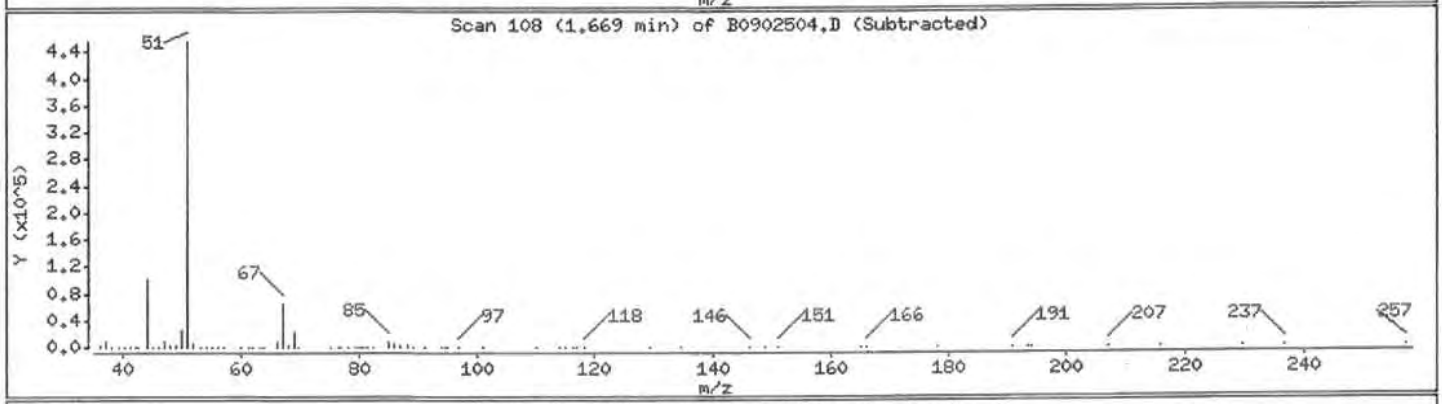
Sample Info: 8feb1407.b, IB09025-004

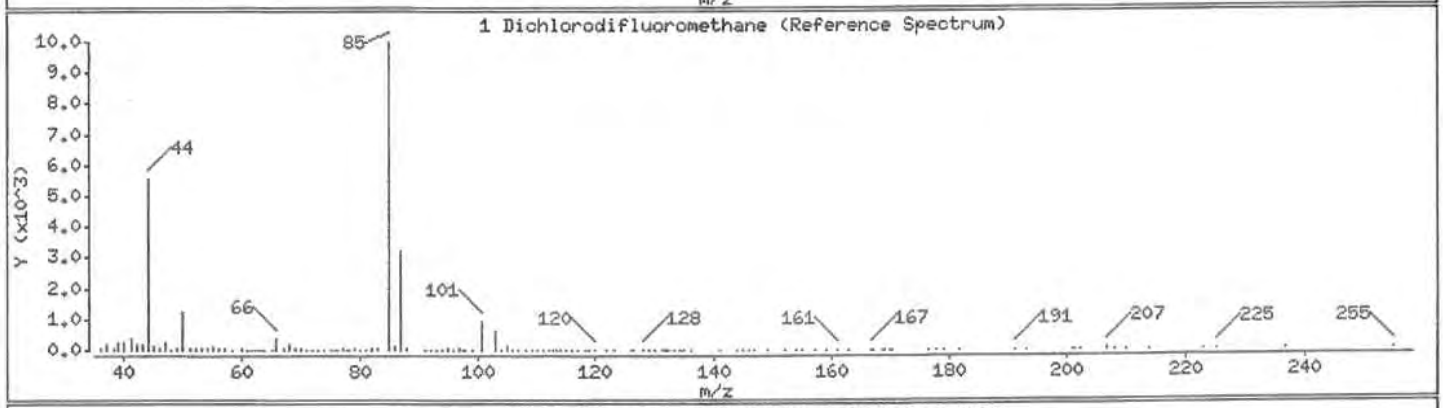
Purge Volume: 25.0 Operator: DLB

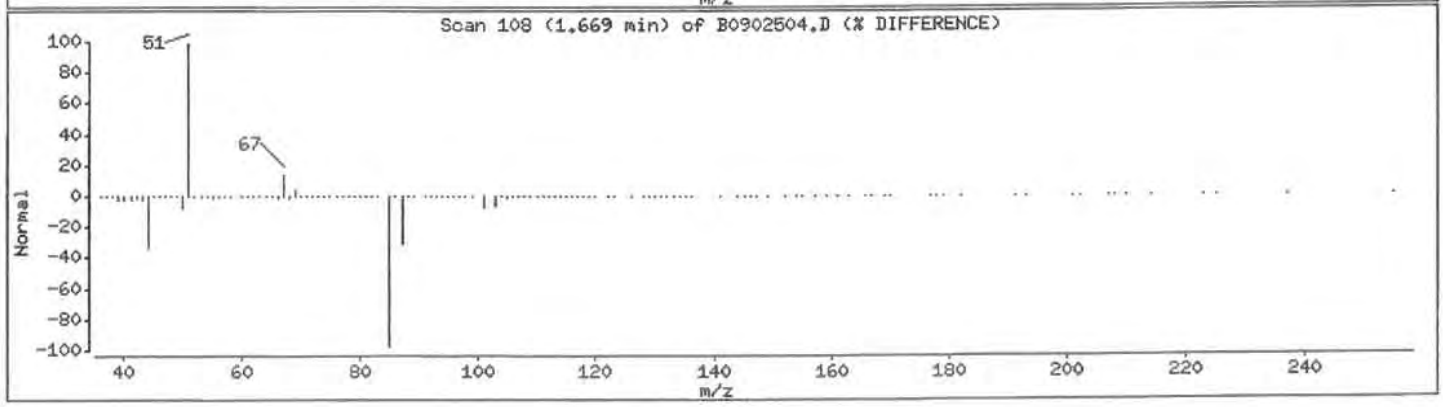
Column phase: DB-624 Column diameter: 0.25

1 Dichlorodifluoromethane Concentration: 0.8259 ug/L









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Date : 14-FEB-2007 15:11

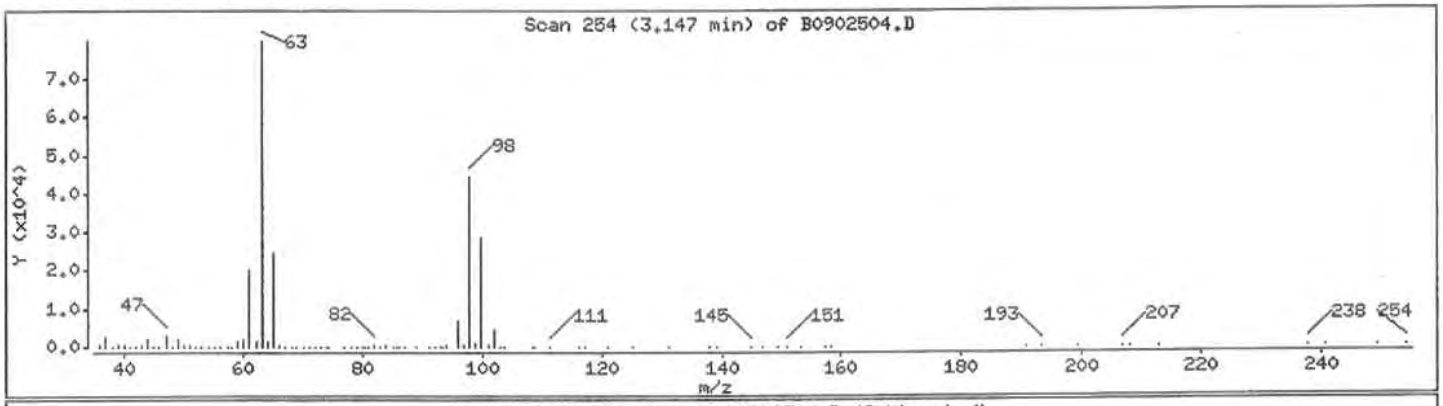
Client ID: Y34X2 Instrument: msd8.i

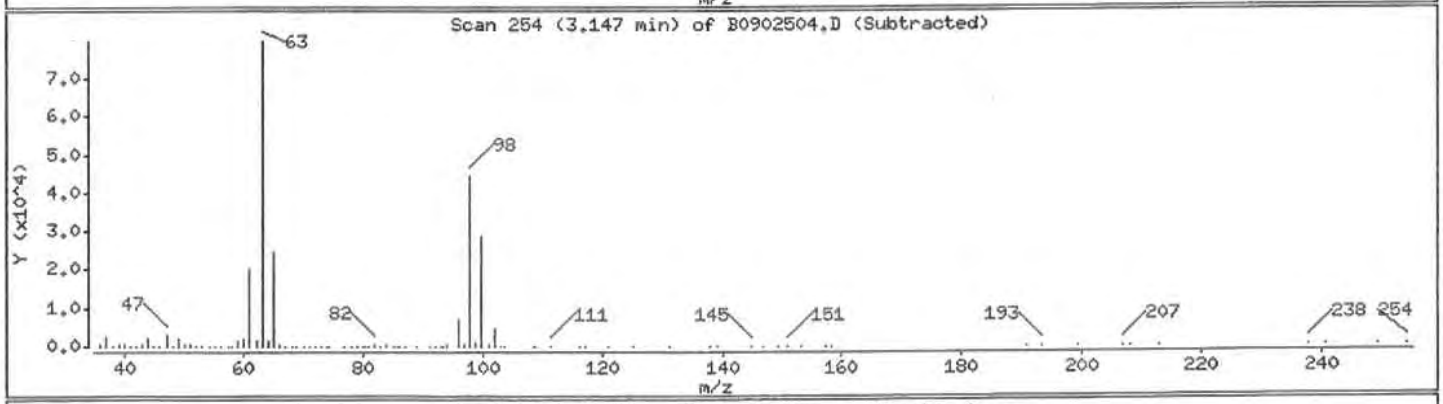
Sample Info: 8feb1407.b, IB09025-004

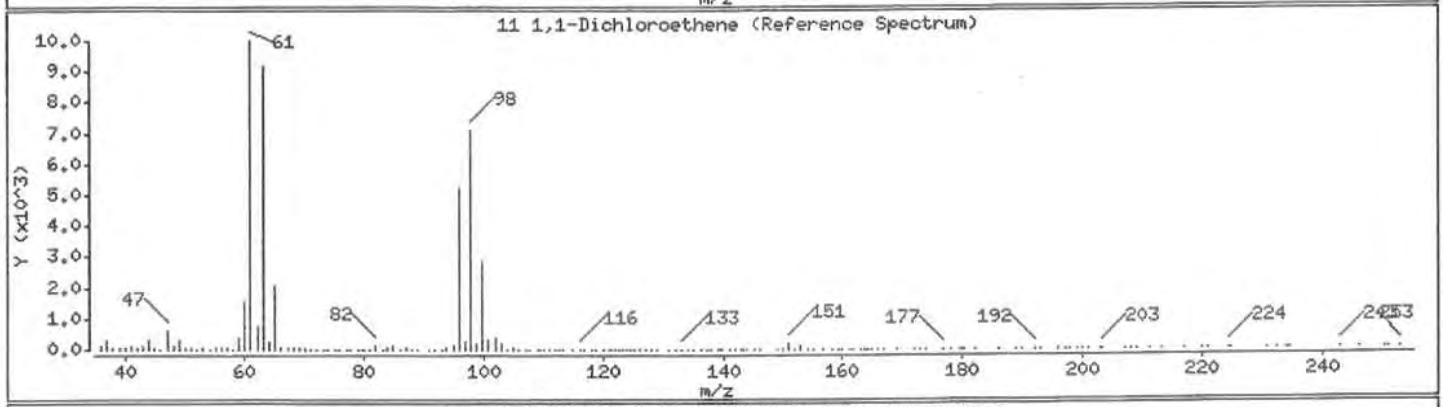
Purge Volume: 25.0 Operator: DLB

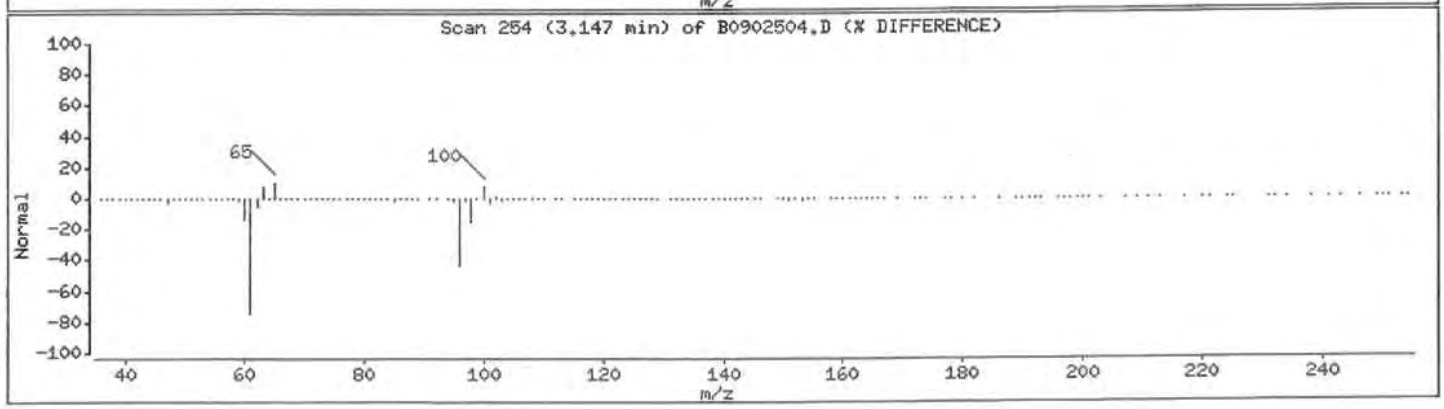
Column phase: DB-624 Column diameter: 0.25

11 1,1-Dichloroethene Concentration: 0.5801 ug/L









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Date : 14-FEB-2007 15:11

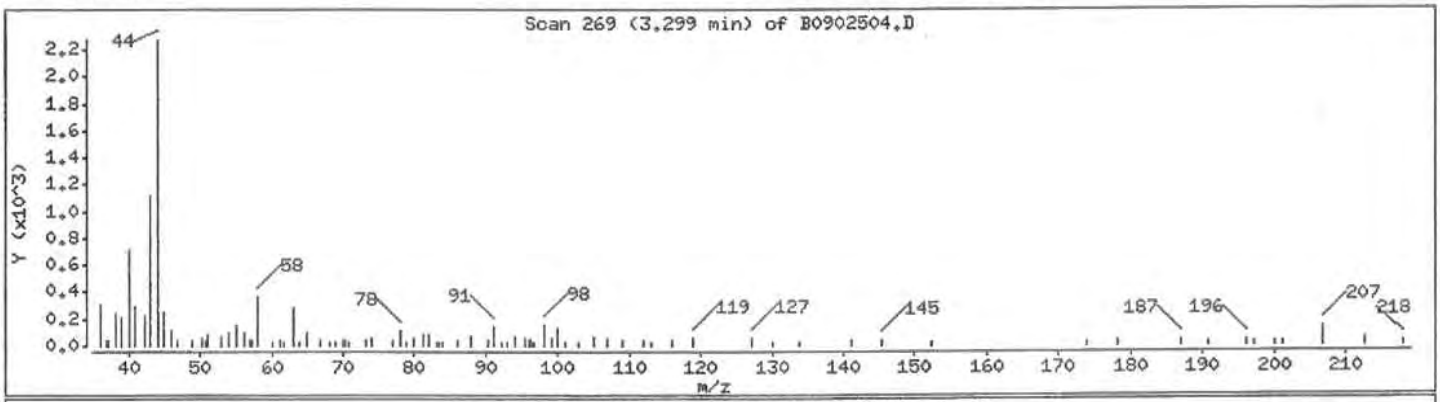
Client ID: Y34X2 Instrument: msd8.i

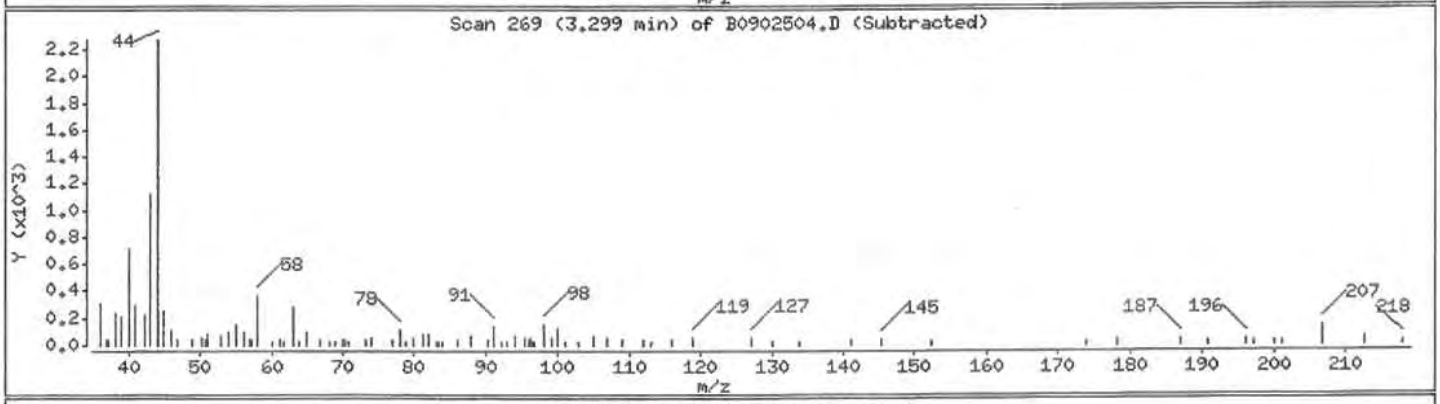
Sample Info: 8feb1407.b, IB09025-004

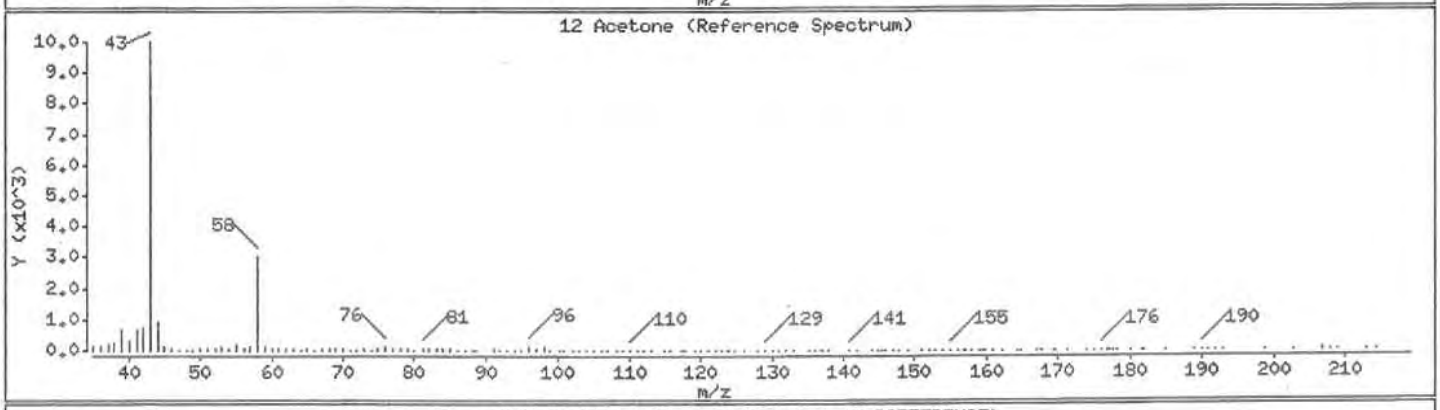
Purge Volume: 25.0 Operator: DLB

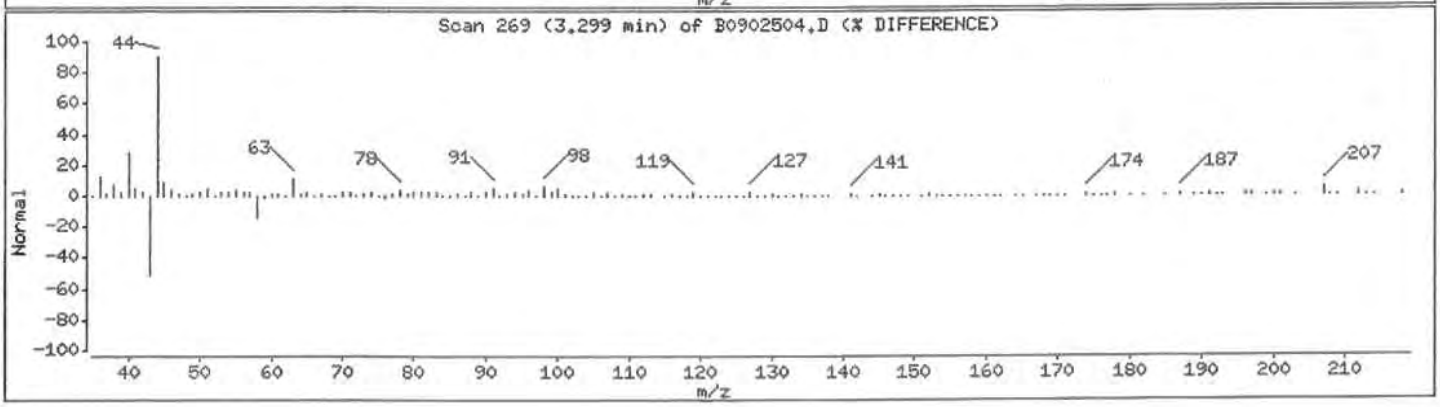
Column phase: DB-624 Column diameter: 0.25

12 Acetone Concentration: 1.2360 ug/L









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Date : 14-FEB-2007 15:11

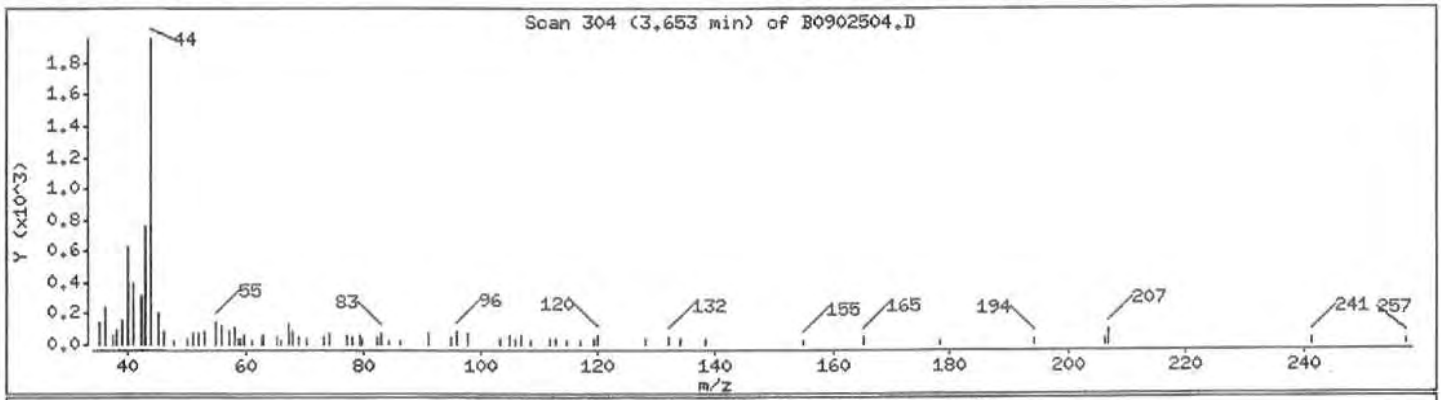
Client ID: Y34X2 Instrument: msd8.i

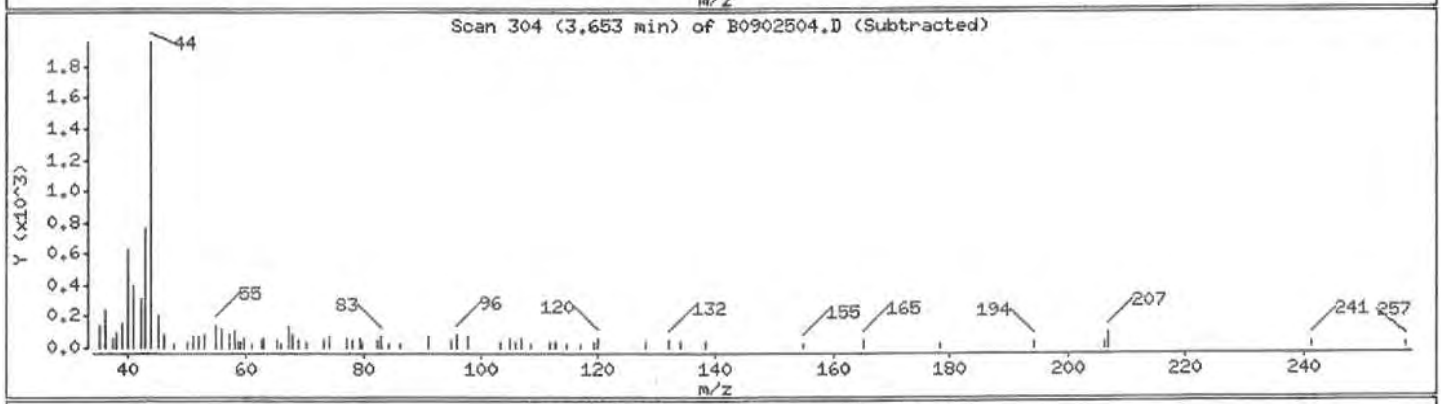
Sample Info: 8feb1407.b, IB09025-004

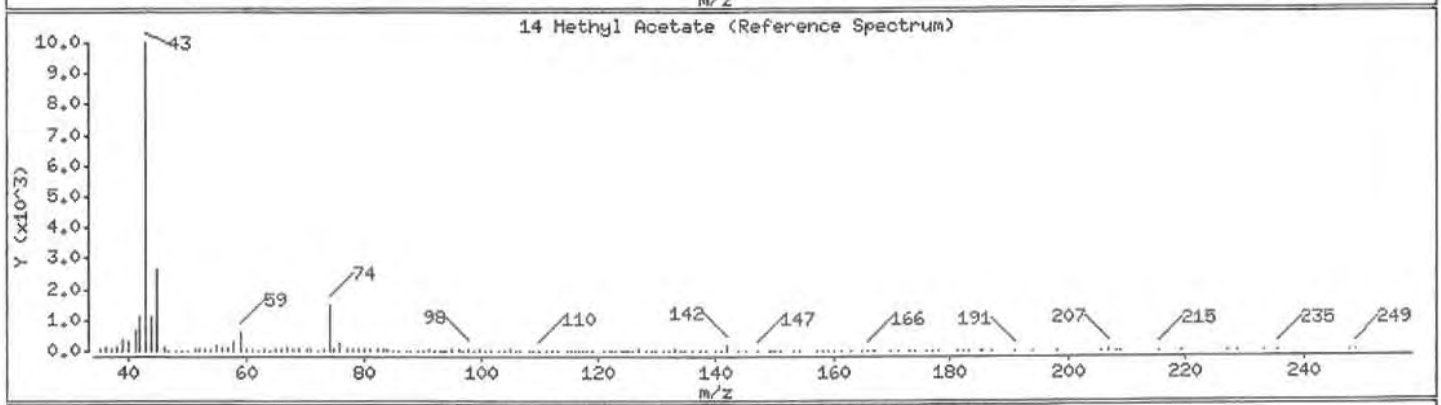
Purge Volume: 25.0 Operator: DLB

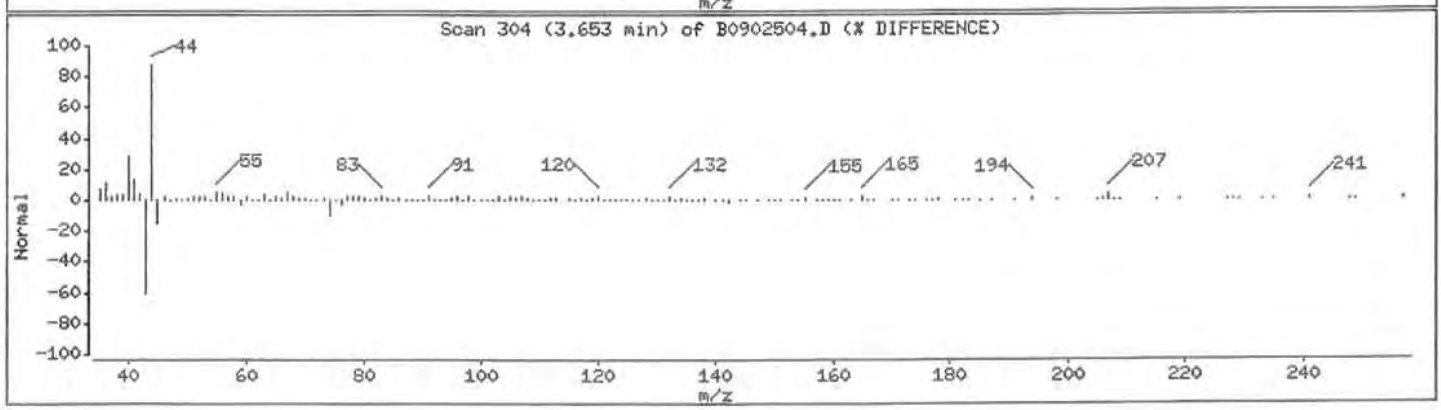
Column phase: DB-624 Column diameter: 0.25

14 Methyl Acetate Concentration: 0.0923 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902504.D

Date : 14-FEB-2007 15:11

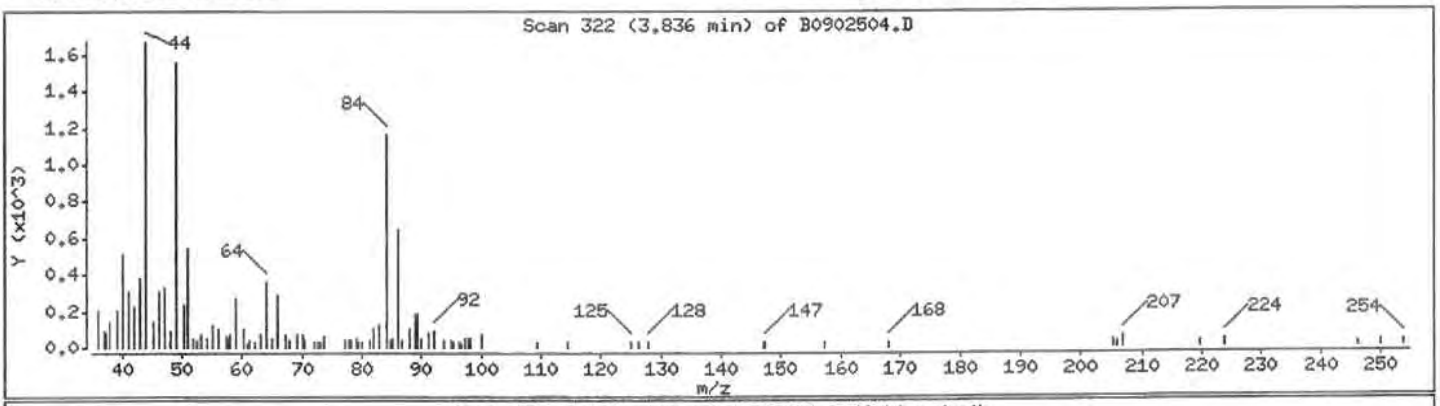
Client ID: Y34X2 Instrument: msd8.i

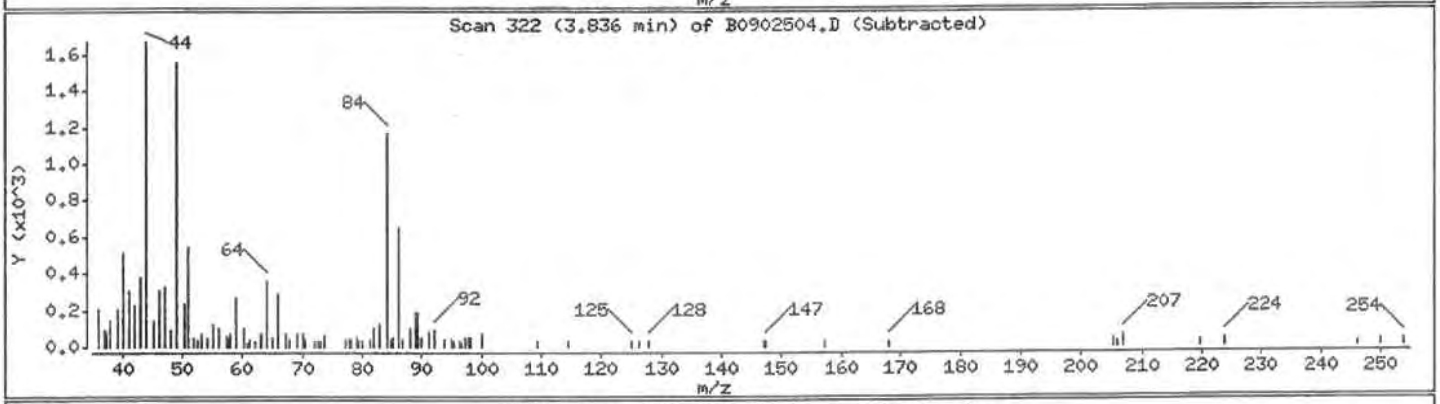
Sample Info: 8feb1407.b, IB09025-004

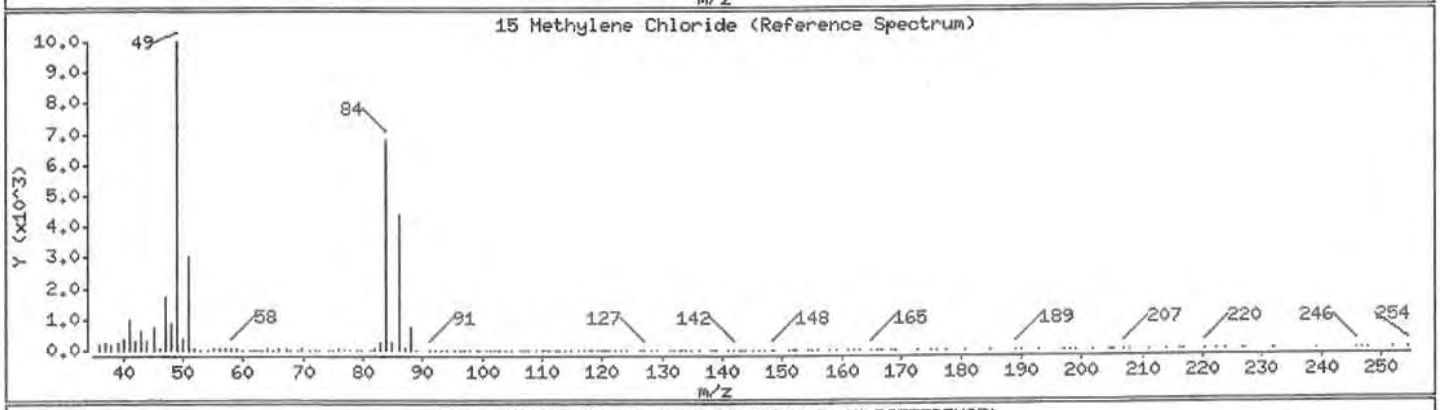
Purge Volume: 25.0 Operator: DLB

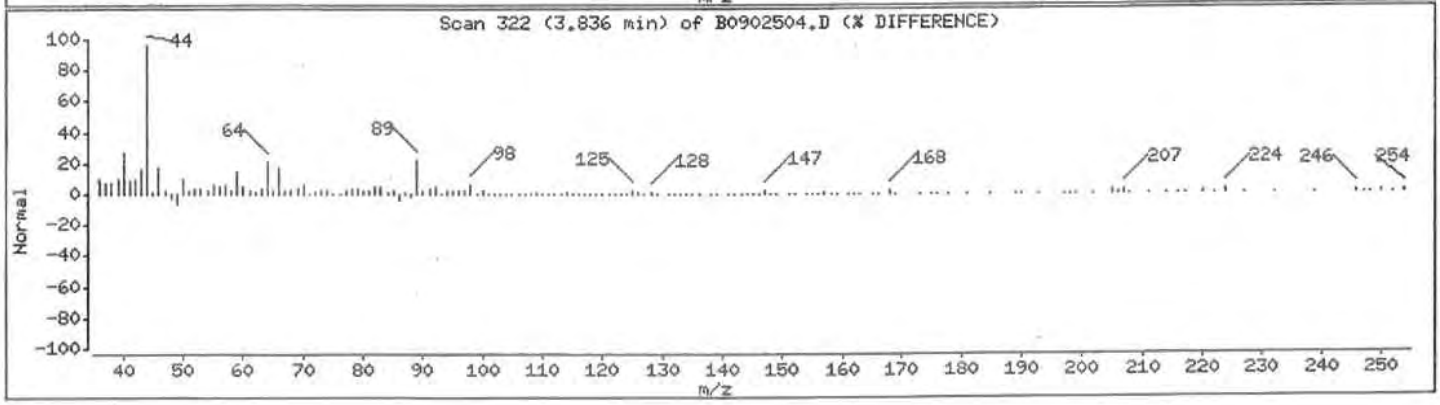
Column phase: DB-624 Column diameter: 0.25

15 Methylene Chloride Concentration: 0.0877 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902504.D

Date : 14-FEB-2007 15:11

Client ID: Y34X2

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-004

Purge Volume: 25.0

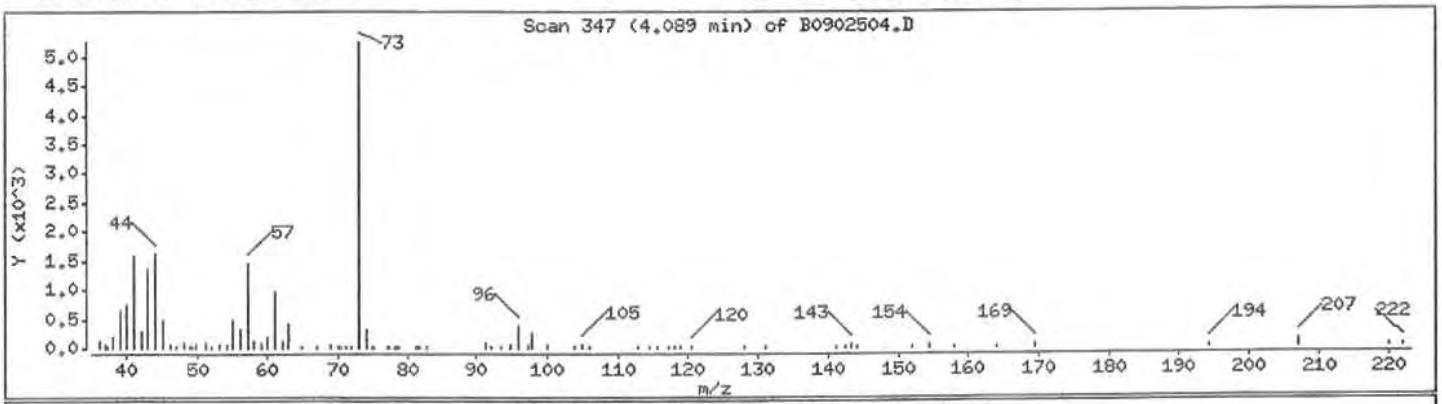
Operator: DLB

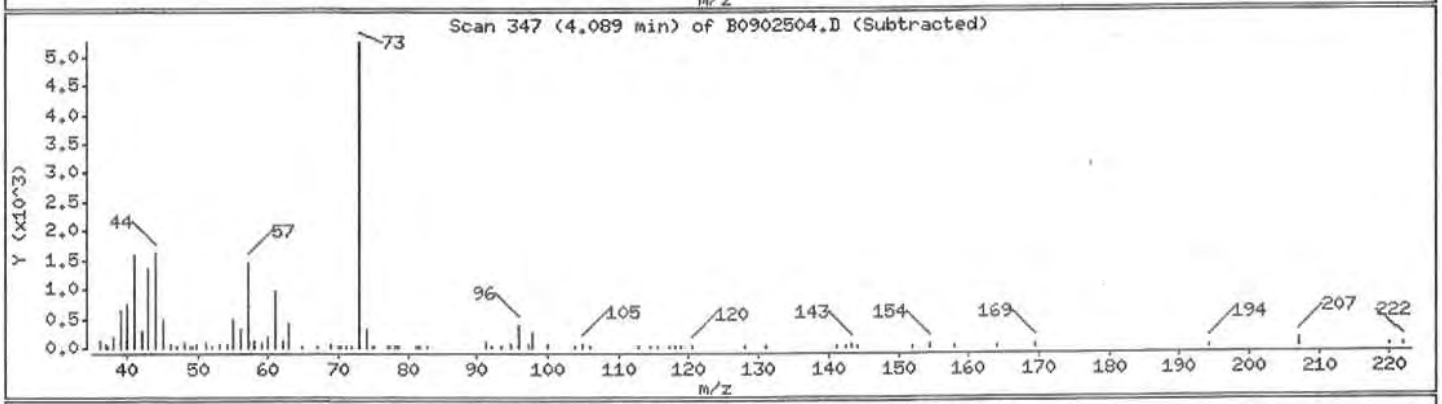
Column phase: DB-624

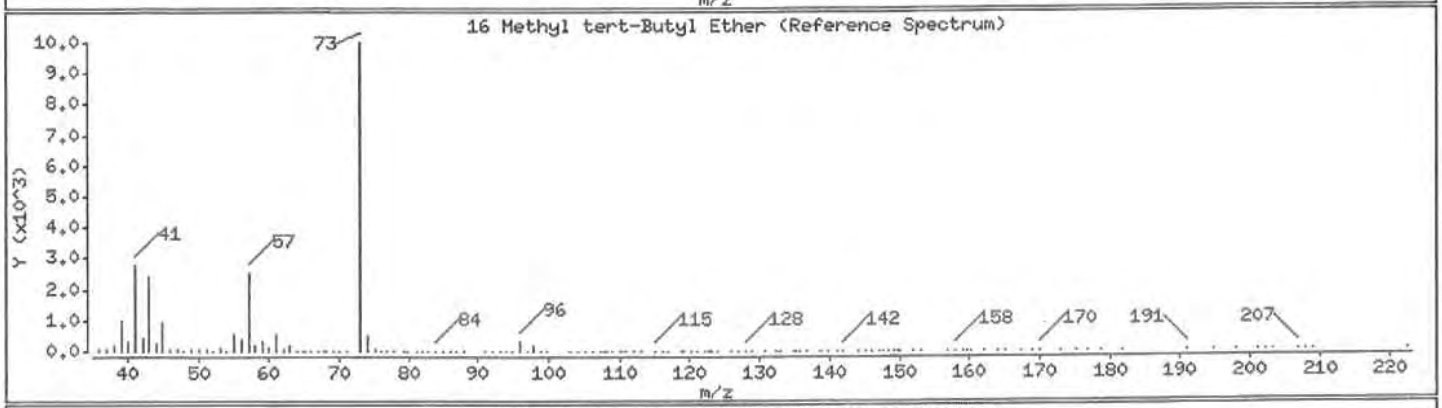
Column diameter: 0.25

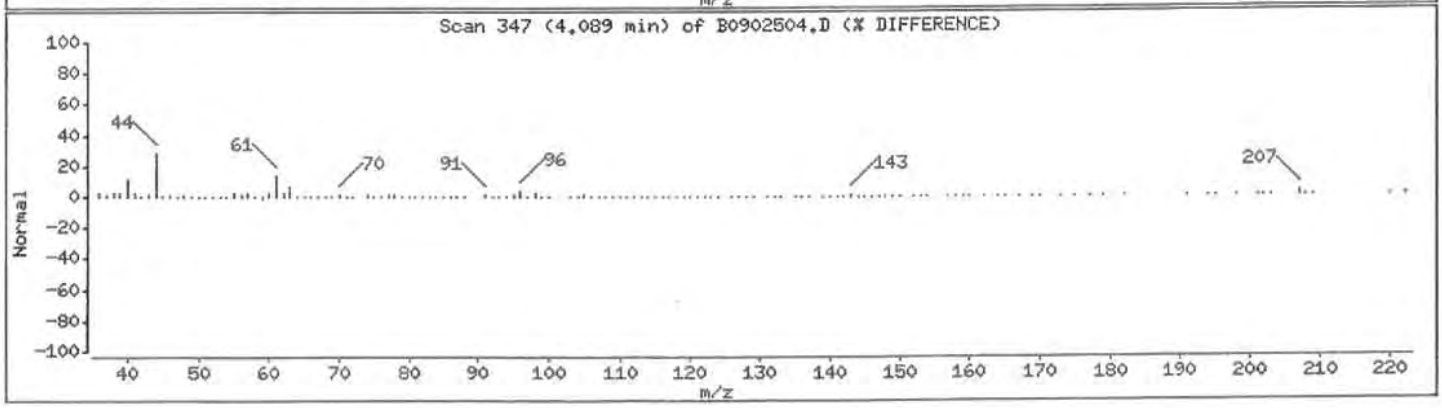
16 Methyl tert-Butyl Ether

Concentration: 0.1801 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902504.D

Date : 14-FEB-2007 15:11

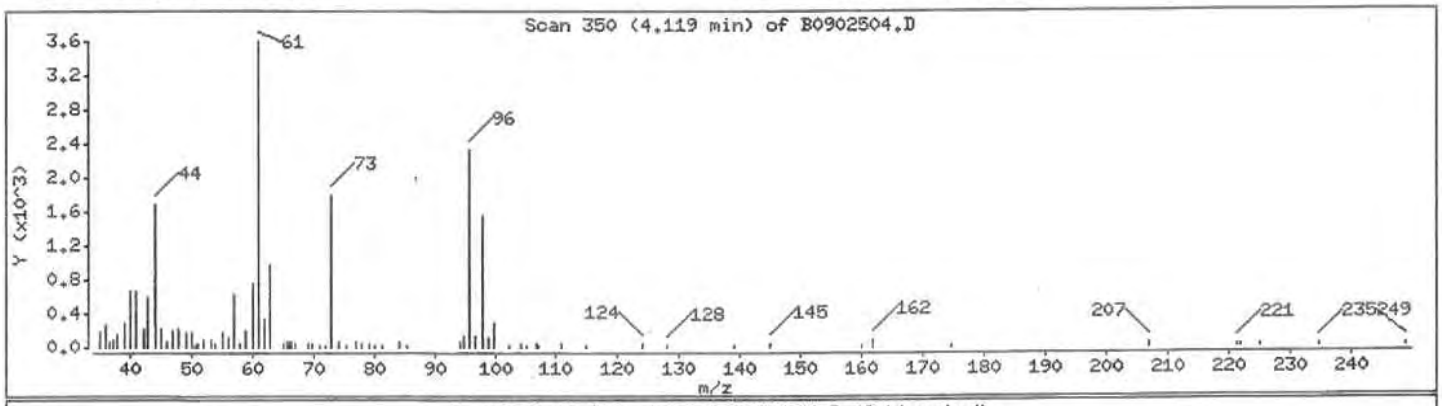
Client ID: Y34X2 Instrument: msd8.i

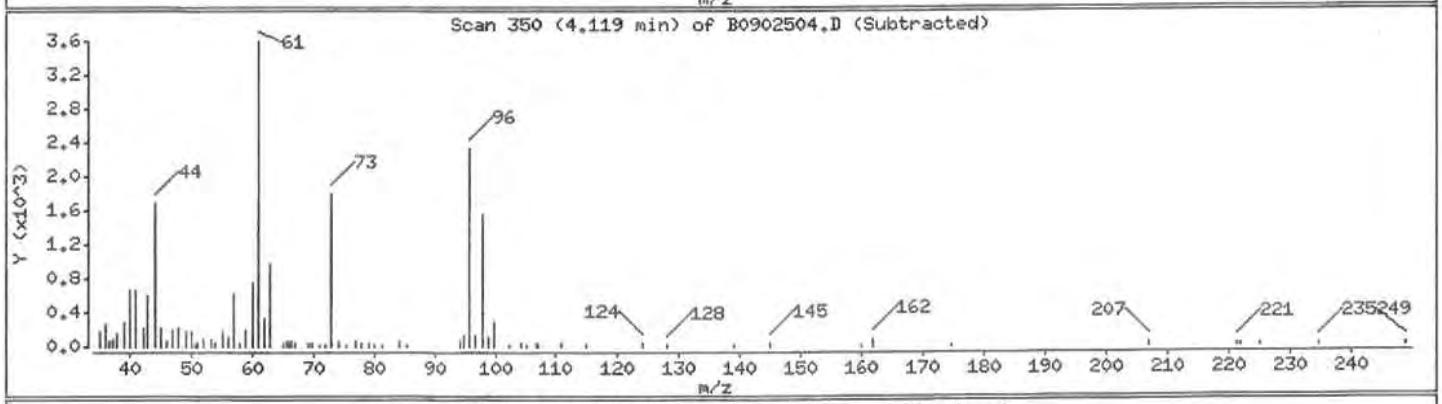
Sample Info: 8feb1407.b, IB09025-004

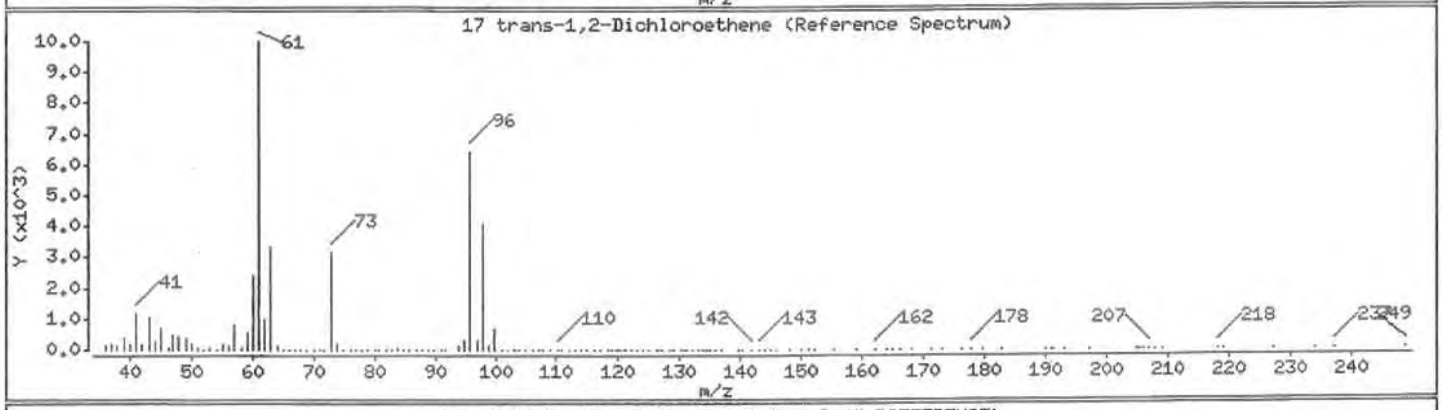
Purge Volume: 25.0 Operator: DLB

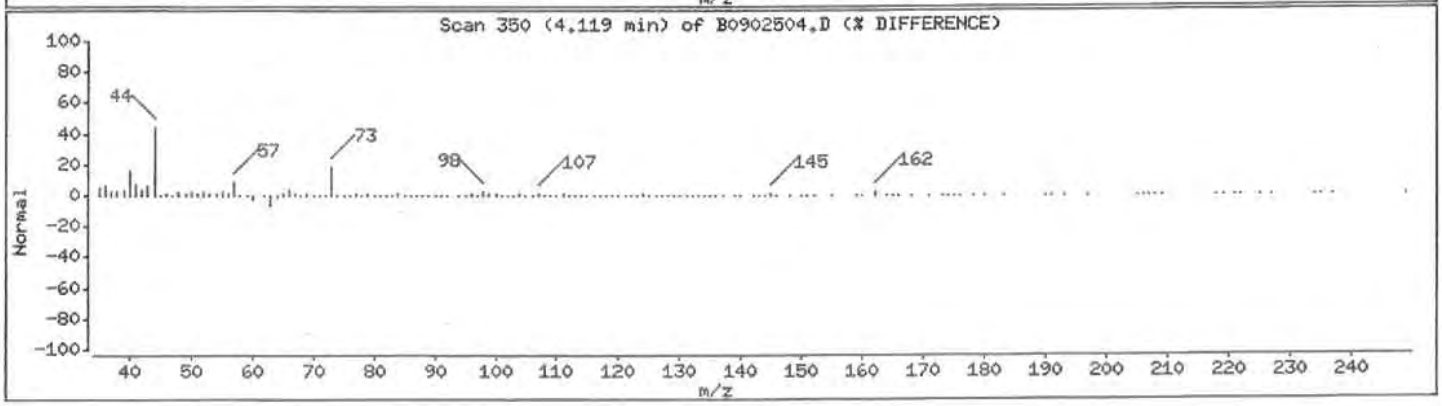
Column phase: DB-624 Column diameter: 0.25

17 trans-1,2-Dichloroethene Concentration: 0.1495 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902504.D

Date : 14-FEB-2007 15:11

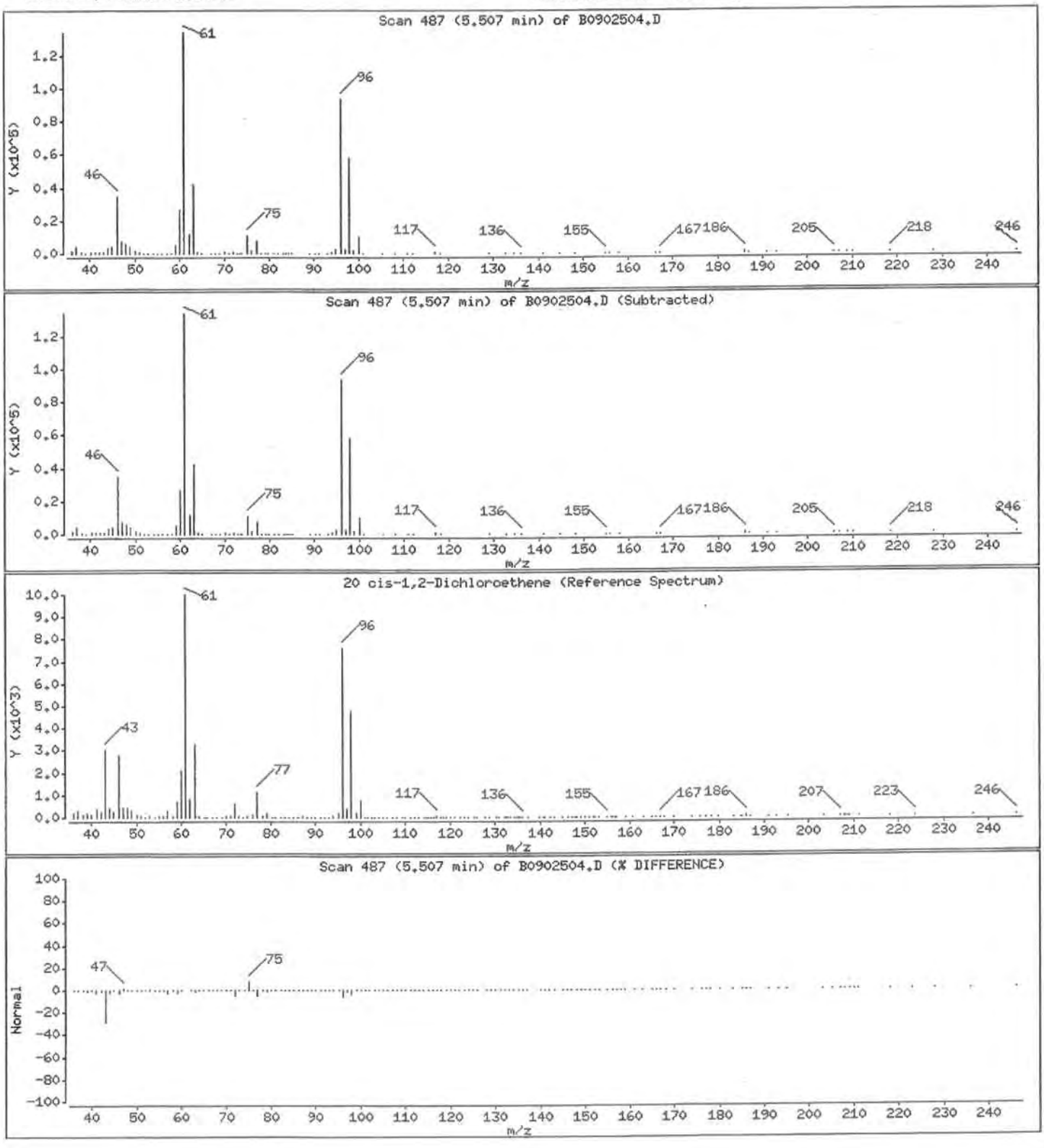
Client ID: Y34X2 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-004

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

20 cis-1,2-Dichloroethene Concentration: 6.2690 ug/L



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902504.D

Date : 14-FEB-2007 15:11

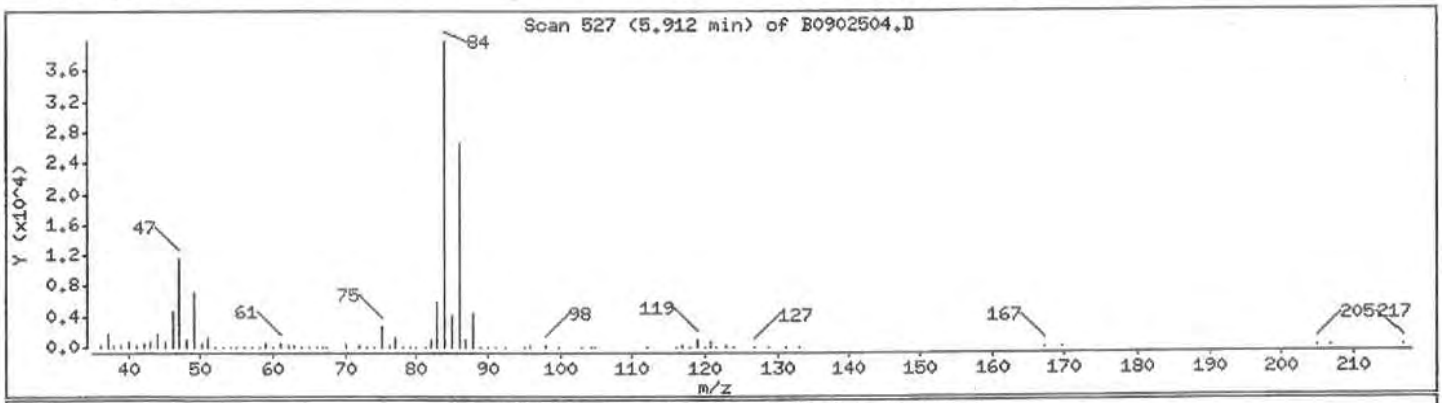
Client ID: Y34X2 Instrument: msd8.i

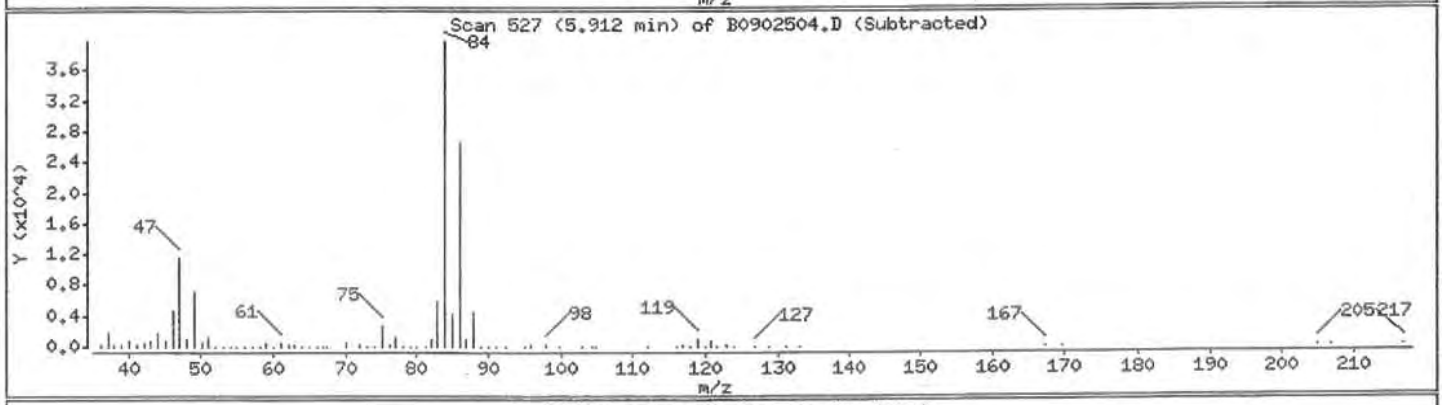
Sample Info: 8feb1407.b, IB09025-004

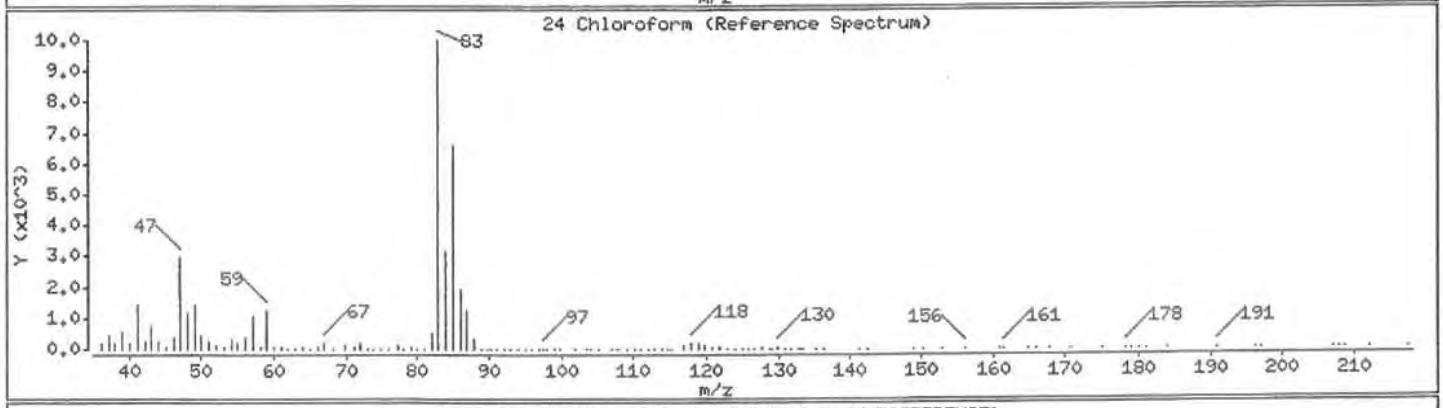
Purge Volume: 25.0 Operator: DLB

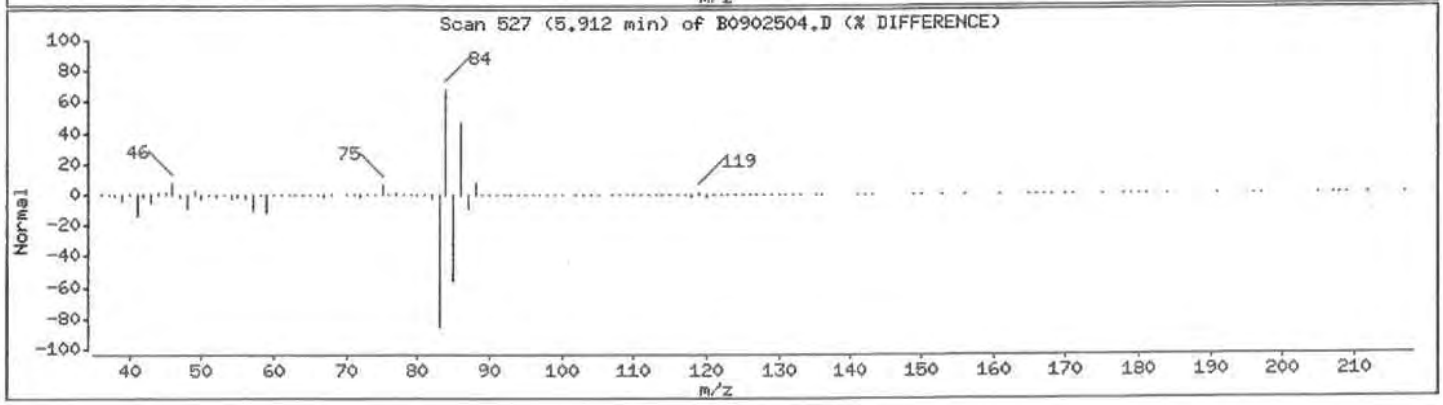
Column phase: DB-624 Column diameter: 0.25

24 Chloroform Concentration: 0.2577 ug/L









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Date : 14-FEB-2007 15:11

Client ID: Y34X2

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-004

Purge Volume: 25.0

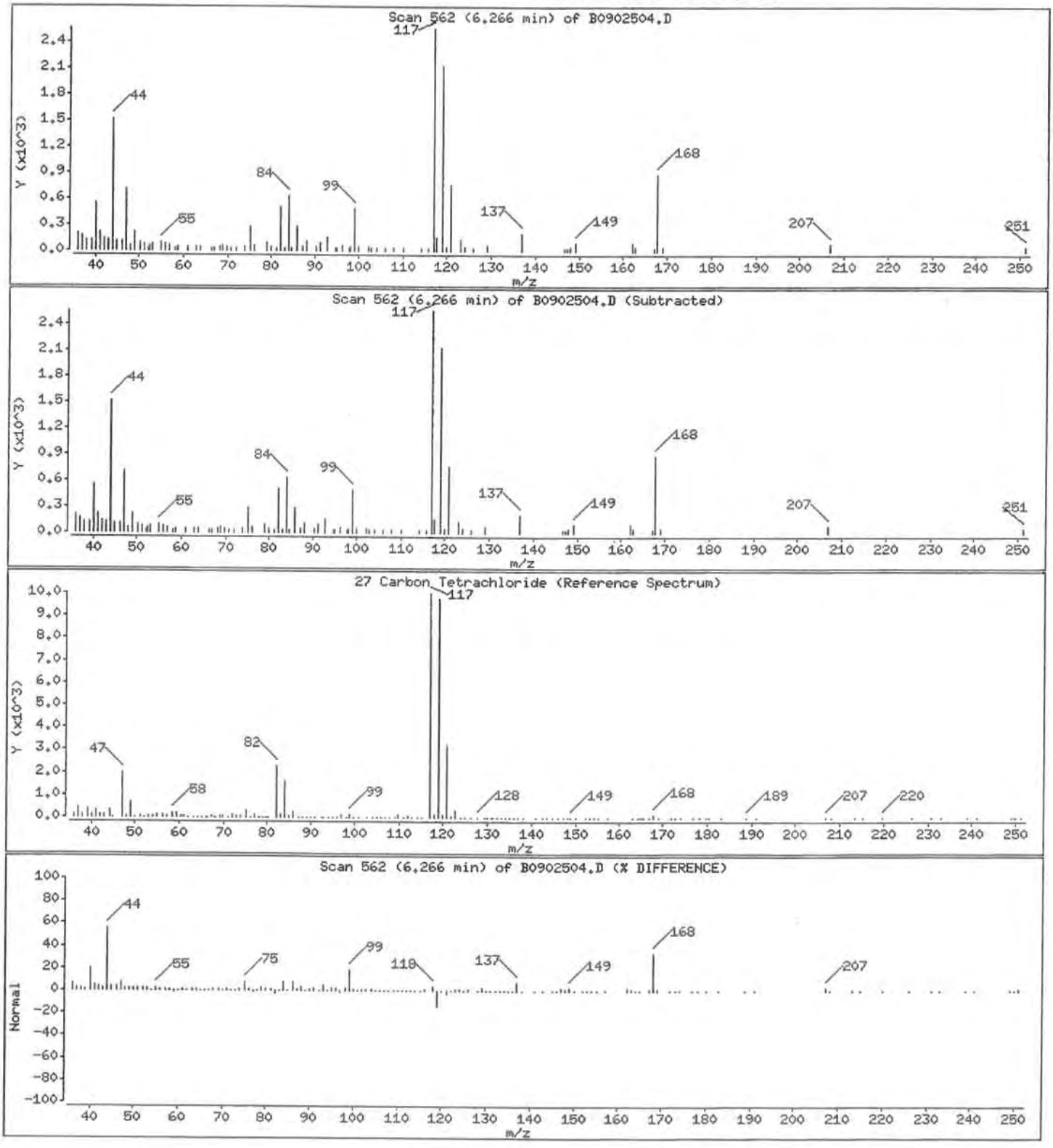
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

27 Carbon Tetrachloride

Concentration: 0.1654 ug/L



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Date : 14-FEB-2007 15:11

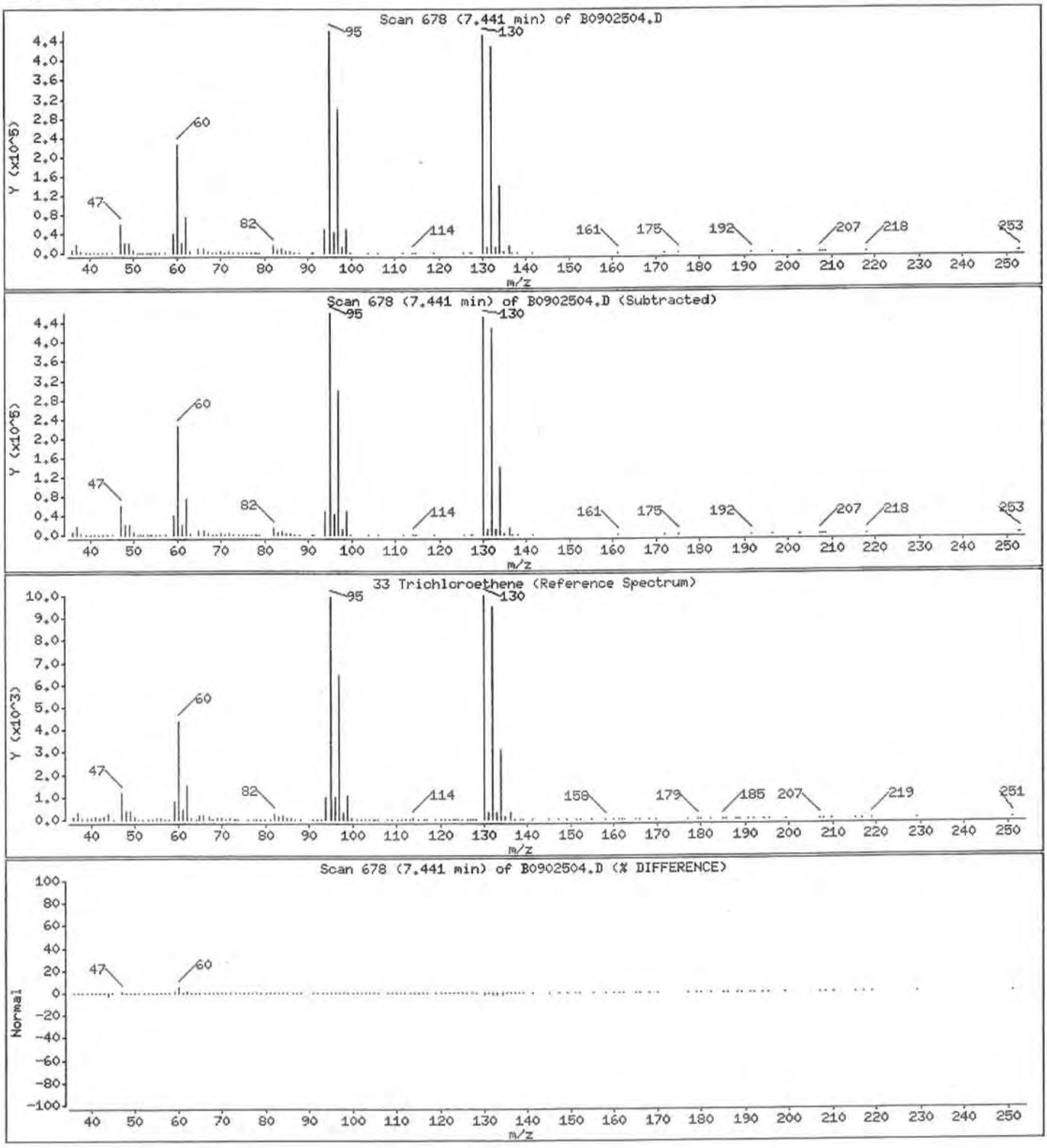
Client ID: Y34X2 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-004

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

33 Trichloroethene Concentration: 30.9298 ug/L



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Date : 14-FEB-2007 15:11

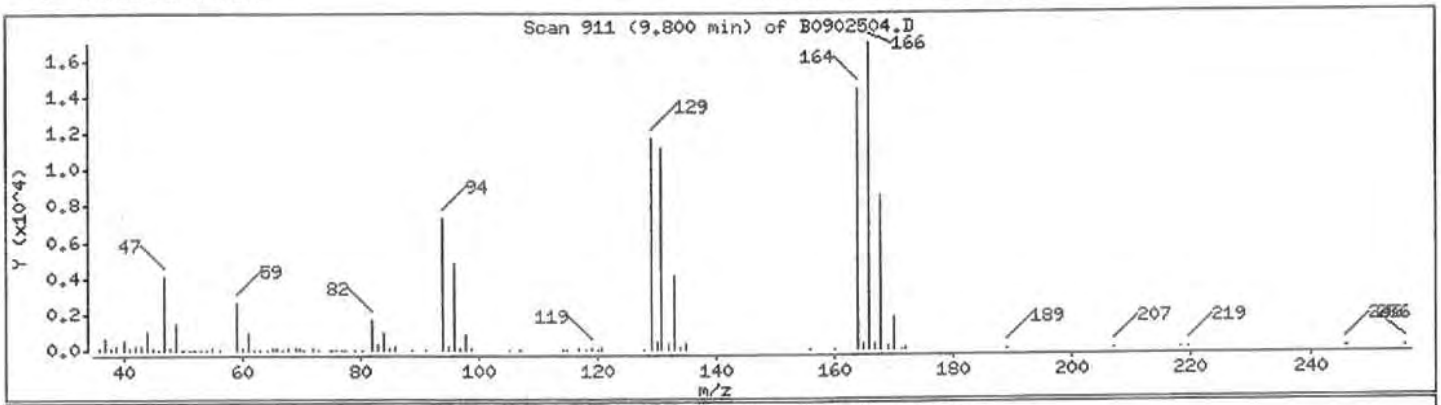
Client ID: Y34X2 Instrument: msd8.i

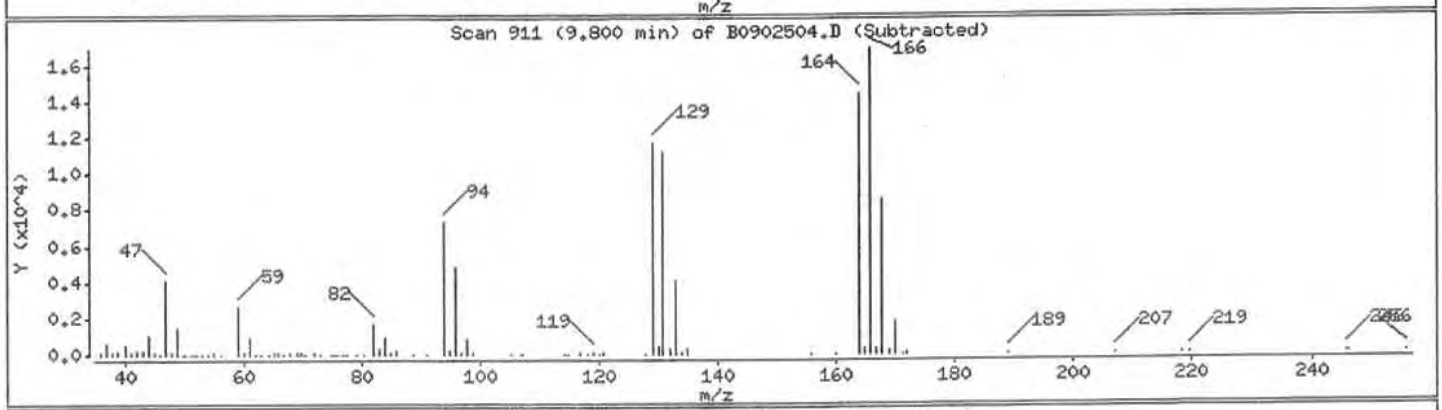
Sample Info: 8feb1407.b, IB09025-004

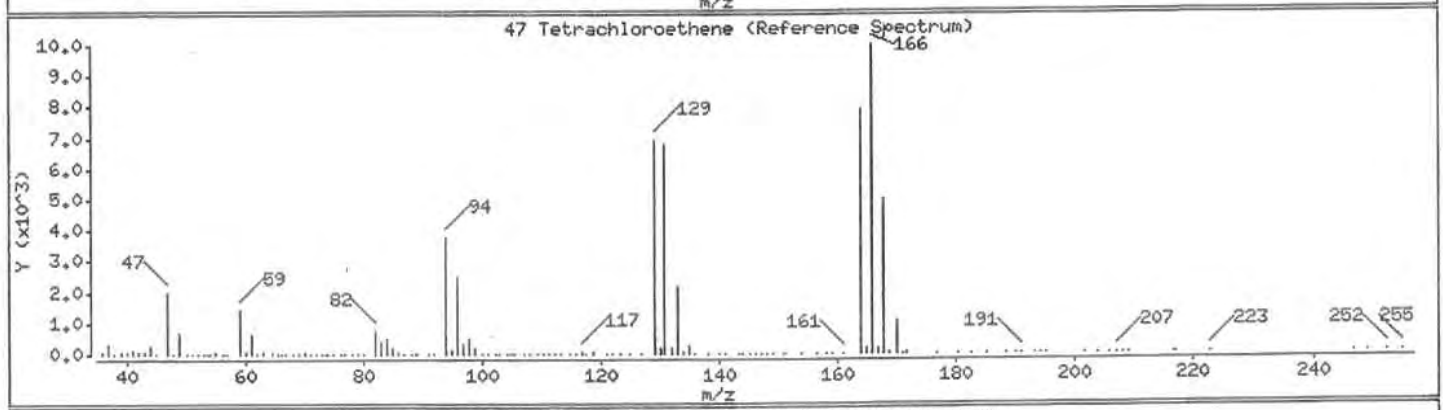
Purge Volume: 25.0 Operator: DLB

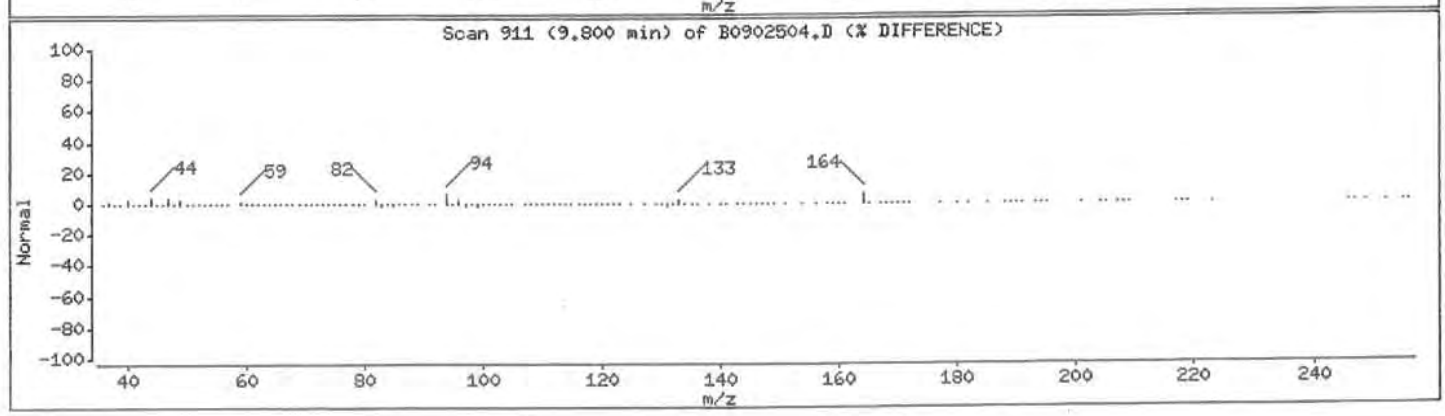
Column phase: DB-624 Column diameter: 0.25

47 Tetrachloroethene Concentration: 0.8552 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902504.D

Date : 14-FEB-2007 15:11

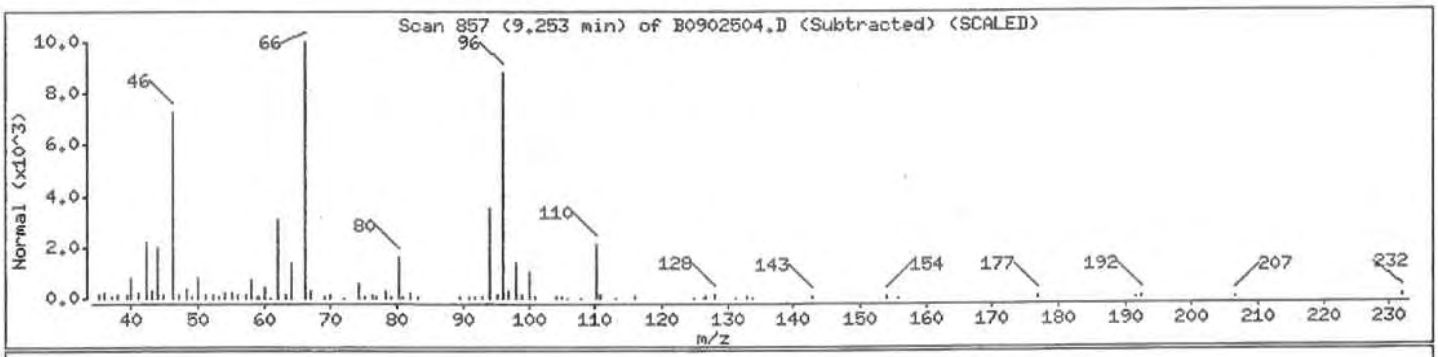
Client ID: Y34X2 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-004

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 14-FEB-2007 15:11

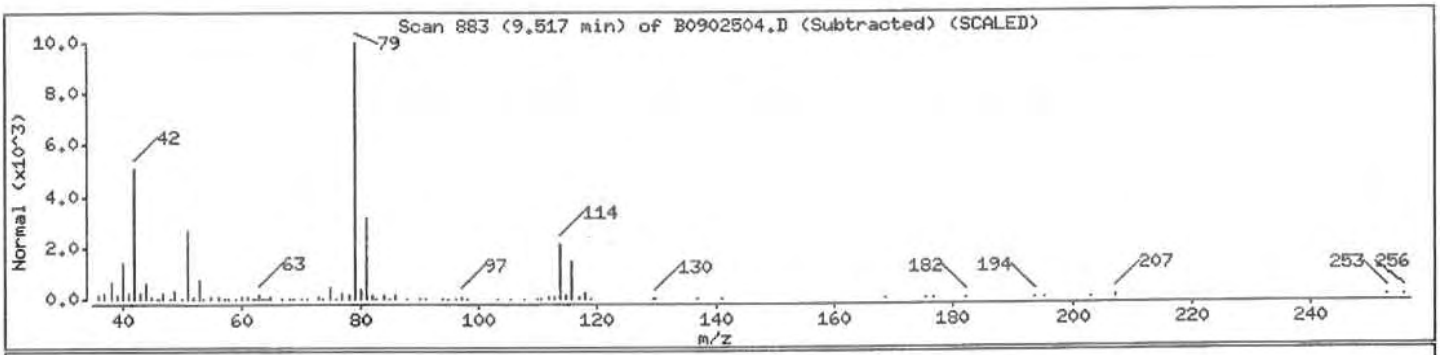
Client ID: Y34X2 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-004

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902504.D

Date : 14-FEB-2007 15:11

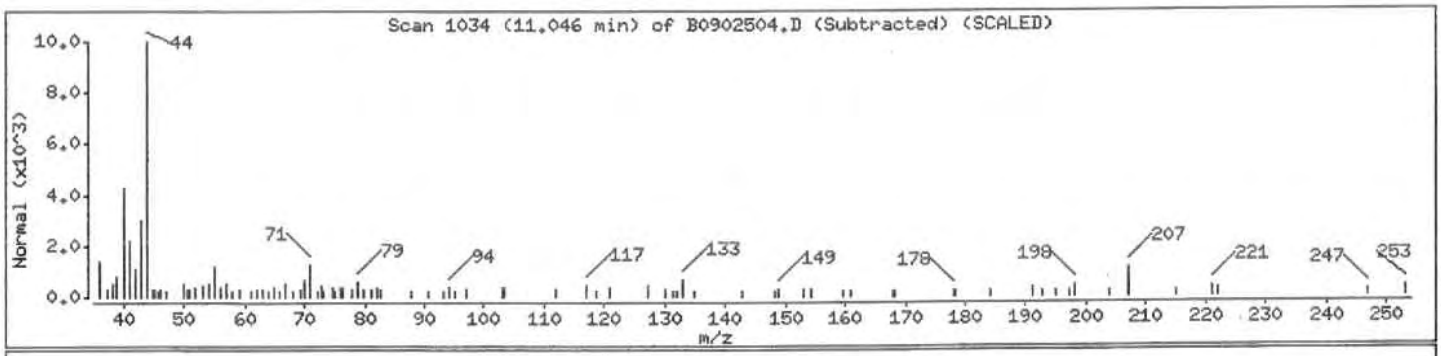
Client ID: Y34X2 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-004

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 14-FEB-2007 15:11

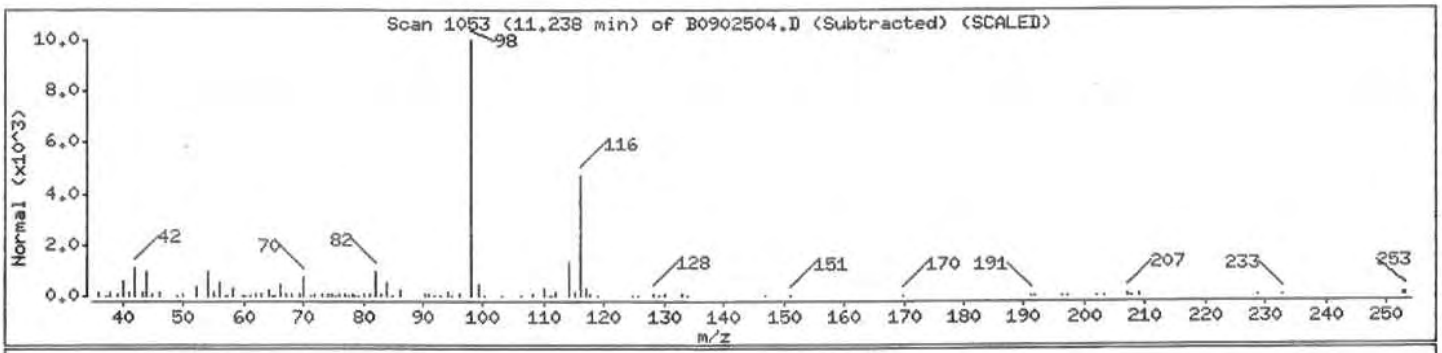
Client ID: Y34X2 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-004

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 14-FEB-2007 15:11

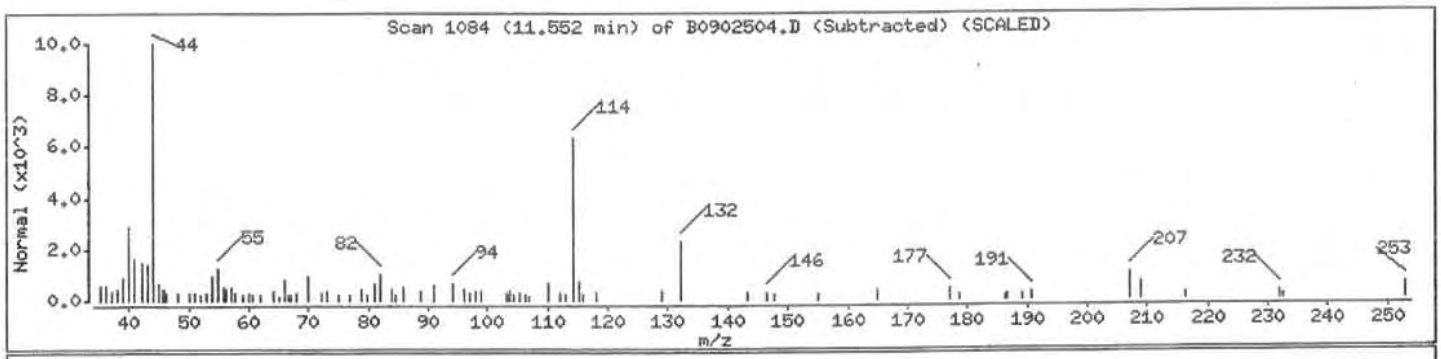
Client ID: Y34X2 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-004

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 14-FEB-2007 15:11

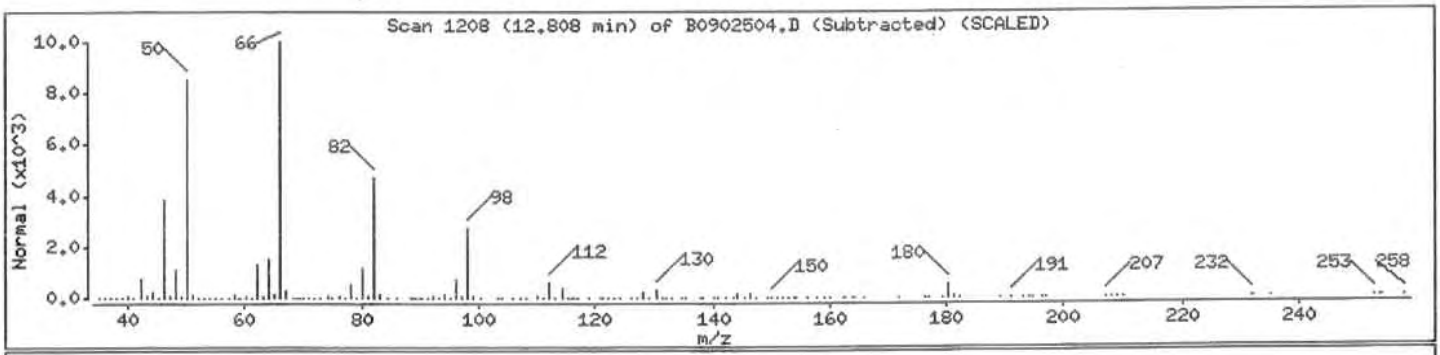
Client ID: Y34X2 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-004

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34X3

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-005

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902505

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.88	
74-87-3	Chloromethane	0.26	J
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.56	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	0.76	JB
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.19	J
1634-04-4	Methyl tert-butyl ether	0.17	J
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	6.2	
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.25	JB
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.12	J
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34X3

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-005

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902505

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	31	E
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.83	
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34X3

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-005

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902505

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
Y34X3

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-005

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902505

Level: (TRACE or LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	9.253	20	J
02		Unknown-02	9.516	39	J
03		Unknown-03	10.863	260	J
04		Unknown-04	11.238	12	J
05		Unknown-05	11.542	2.1	J
06		Unknown-06	12.443	3.8	J
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0902505.D
Lab Smp Id: IB09025-005 Client Smp ID: Y34X3
Inj Date : 14-FEB-2007 15:33
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB09025-005
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 56
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	1.668	1.648	(0.233)	23604	0.88210	0.8820
	2 Chloromethane	50	1.810	1.810	(0.253)	11953	0.25649	0.2564(a)
$	3 Vinyl Chloride-d3	65	1.921	1.921	(0.269)	121204	4.80816	4.8081
	4 Vinyl Chloride	62	Compound Not Detected.					
	5 Bromomethane	94	Compound Not Detected.					
$	6 Chloroethane-d5	69	2.336	2.336	(0.327)	110836	4.83083	4.8308
	7 Chloroethane	64	Compound Not Detected.					
	8 Trichlorofluoromethane	101	Compound Not Detected.					
$	9 1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	288205	4.44085	4.4408
	11 1,1-Dichloroethene	96	3.157	3.157	(0.442)	17051	0.56023	0.5602(Q)
	10 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	12 Acetone	43	3.309	3.288	(0.463)	2753	0.75907	0.7590(a)
	13 Carbon Disulfide	76	Compound Not Detected.					
	14 Methyl Acetate	43	Compound Not Detected.					
	15 Methylene Chloride	84	Compound Not Detected.					
	16 Methyl tert-Butyl Ether	73	4.078	4.078	(0.571)	16894	0.17112	0.1711(a)
	17 trans-1,2-Dichloroethene	96	4.129	4.119	(0.578)	6697	0.18612	0.1861(a)
	18 1,1-Dichloroethane	63	Compound Not Detected.					
$	19 2-Butanone-d5	46	5.465	5.466	(0.765)	359962	37.0155	37.0154(Q)
	20 cis-1,2-Dichloroethene	96	5.506	5.496	(0.770)	239779	6.23651	6.2365
	21 2-Butanone	43	Compound Not Detected.					
	22 Bromochloromethane	128	Compound Not Detected.					
$	23 Chloroform-d	84	5.891	5.881	(0.824)	315948	5.14464	5.1446(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	24 Chloroform	83	5.911	5.911	(0.827)	16021	0.24802	0.2480 (aQ)
	25 1,1,1-Trichloroethane	97	Compound Not Detected.					
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon Tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	168360	5.36763	5.3676 (Q)
$	29 Benzene-d6	84	6.529	6.529	(0.608)	699320	5.36263	5.3626
	30 Benzene	78	Compound Not Detected.					
	31 1,2-Dichloroethane	62	6.711	6.711	(0.939)	5042	0.12143	0.1214 (a)
*	32 1,4-Difluorobenzene	114	7.146	7.146	(1.000)	568979	5.00000	
	33 Trichloroethene	95	7.440	7.440	(0.693)	1179834	31.3887	31.3887 (A)
$	34 1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	225213	5.31284	5.3128
	35 Methylcyclohexane	83	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
$	39 1,4-Dioxane-d8	96	7.946	7.916	(1.112)	23723	197.357	197.3568 (Q)
	38 1,4-Dioxane	88	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
$	40 trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	106102	4.37820	4.3781
	41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	43 Toluene-d8	98	9.081	9.081	(0.846)	620970	5.24329	5.2432
	44 Toluene	91	Compound Not Detected.					
	45 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	46 1,1,2-Trichloroethane	97	Compound Not Detected.					
	47 Tetrachloroethene	164	9.800	9.800	(0.913)	26205	0.83430	0.8342
$	48 2-Hexanone-d5	63	9.962	9.962	(0.928)	521624	45.7266	45.7266
	49 2-Hexanone	43	Compound Not Detected.					
	50 Dibromochloromethane	129	Compound Not Detected.					
	51 1,2-Dibromoethane	107	Compound Not Detected.					
*	52 Chlorobenzene-d5	117	10.731	10.731	(1.000)	515591	5.00000	
	53 Chlorobenzene	112	Compound Not Detected.					
	54 Ethylbenzene	91	Compound Not Detected.					
	55 m+p-Xylenes	106	Compound Not Detected.					
	56 o-Xylene	106	Compound Not Detected.					
	57 Styrene	104	Compound Not Detected.					
	58 Bromoform	173	Compound Not Detected.					
	59 Isopropylbenzene	105	Compound Not Detected.					
$	60 1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	145705	4.53034	4.5303
	61 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	62 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	63 1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	243165	5.00000	
	64 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	65 1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	208098	4.96473	4.9647
	66 1,2-Dichlorobenzene	146	Compound Not Detected.					
	67 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
	68 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	69 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
	72 tert-butyl alcohol	59	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0902505.D
Lab Smp Id: IB09025-005 Client Smp ID: Y34X3
Inj Date : 14-FEB-2007 15:33
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB09025-005
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 56
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

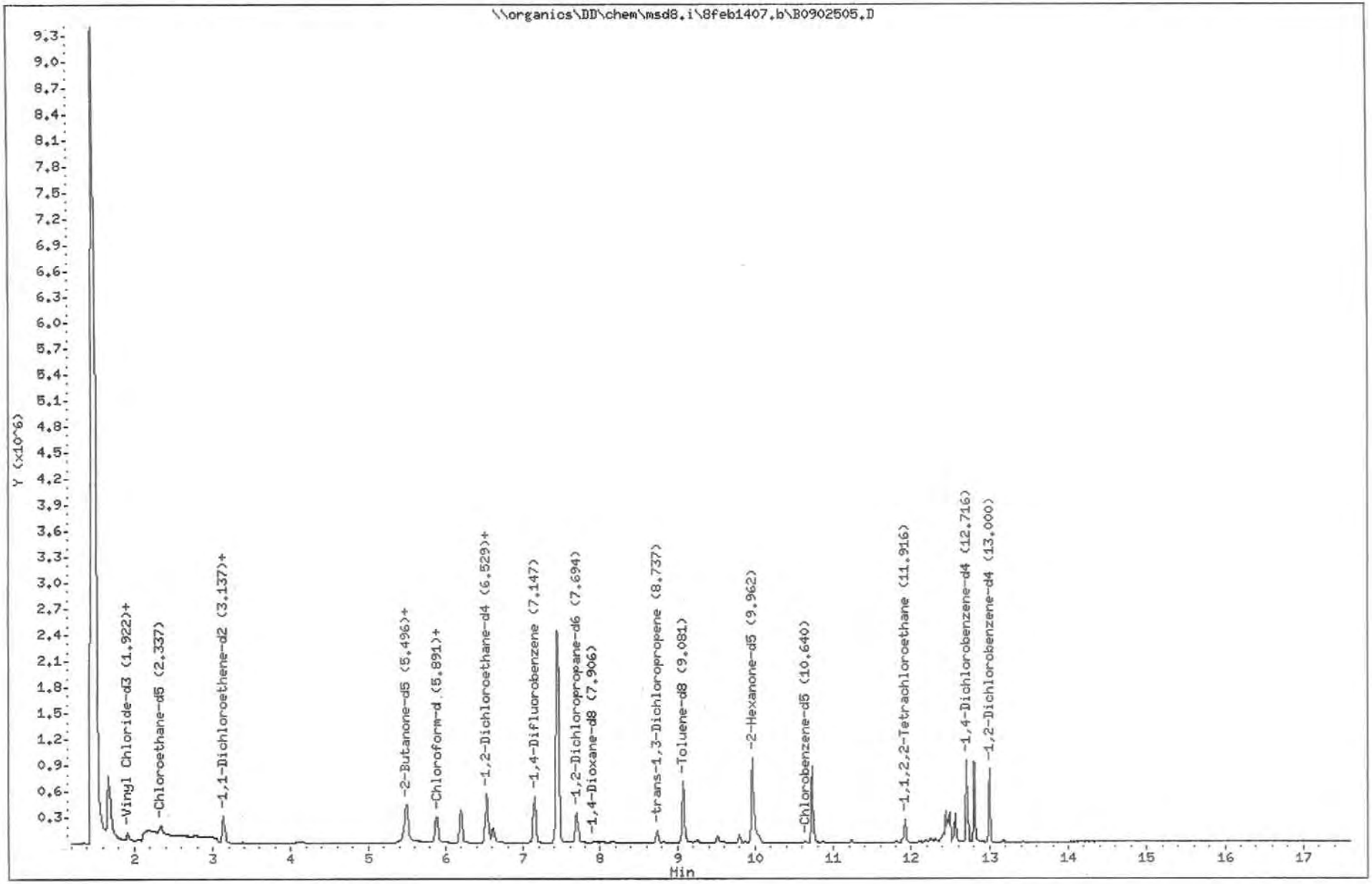
ISTD	RT	AREA	AMOUNT
* 52 Chlorobenzene-d5	10.732	31340	5.000
* 63 1,4-Dichlorobenzene-d4	12.716	3152277	5.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
9.253	126763	20.2234312	20.2234	0		0	52
Unknown				CAS #:			
9.516	242616	38.7064619	38.7064	0		0	52
Unknown				CAS #:			
10.863	1652611	263.654174	263.6541	0		0	52
Unknown				CAS #:			
11.238	78017	12.4467368	12.4467	0		0	52
Unknown				CAS #:			
11.542	13257	2.11493939	2.1149	0		0	52

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Unknown				CAS #:			
12.443	2423543	3.84411485	3.8441	0		0	63

Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902505.D
Date : 14-FEB-2007 15:33
Client ID: Y34X3
Sample Info: 8feb1407.b, IB09025-005
Purge Volume: 25.0
Column phase: DB-624

Instrument: msd8.i
Operator: DLB
Column diameter: 0.25



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902505.D

Date : 14-FEB-2007 15:33

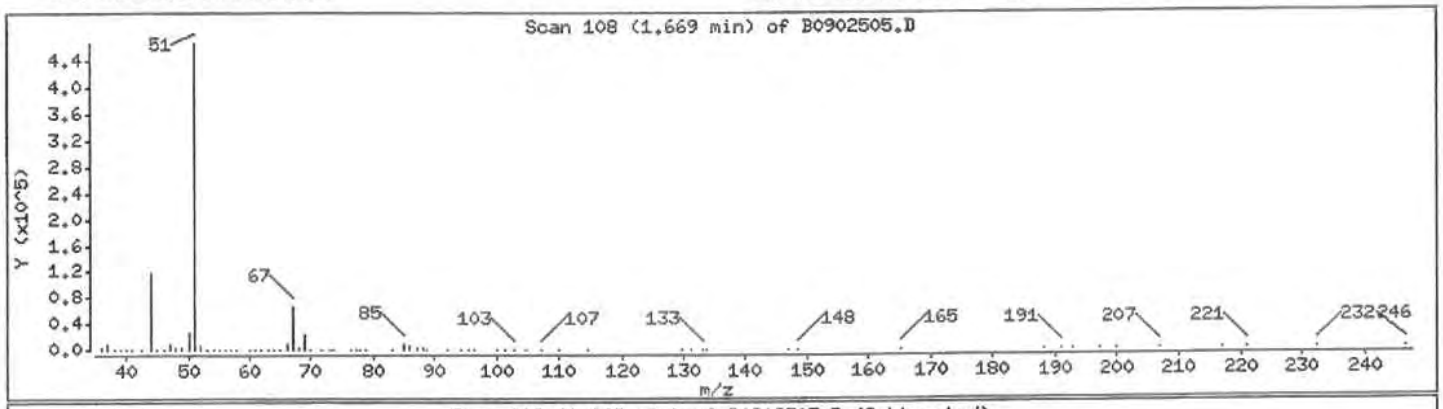
Client ID: Y34X3 Instrument: msd8.i

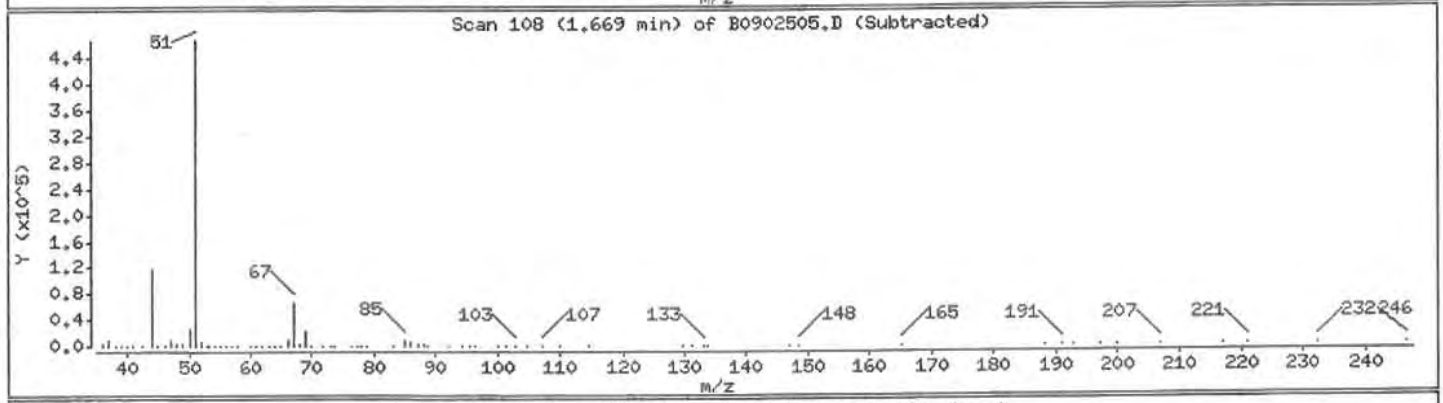
Sample Info: 8feb1407.b, IB09025-005

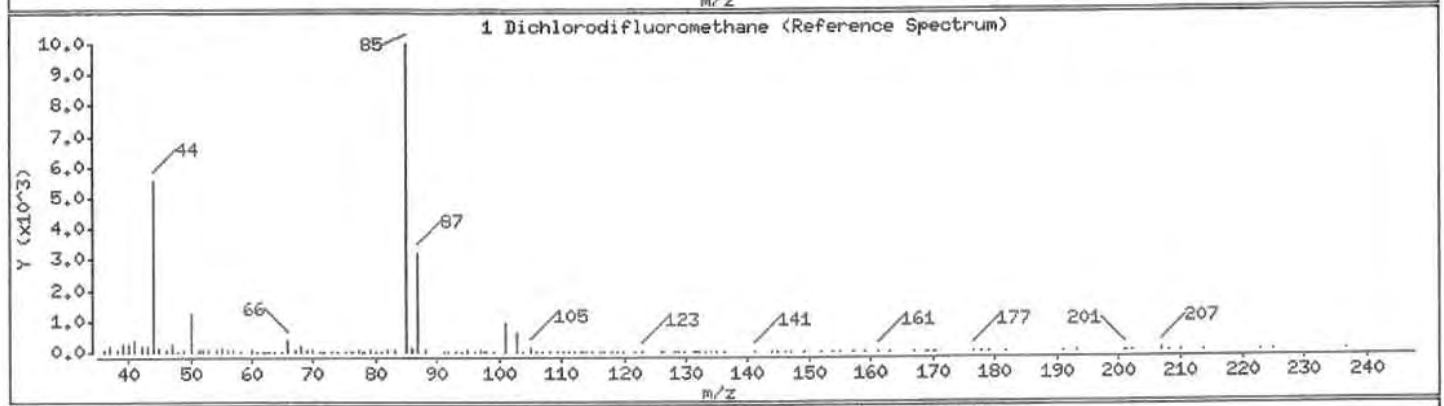
Purge Volume: 25.0 Operator: DLB

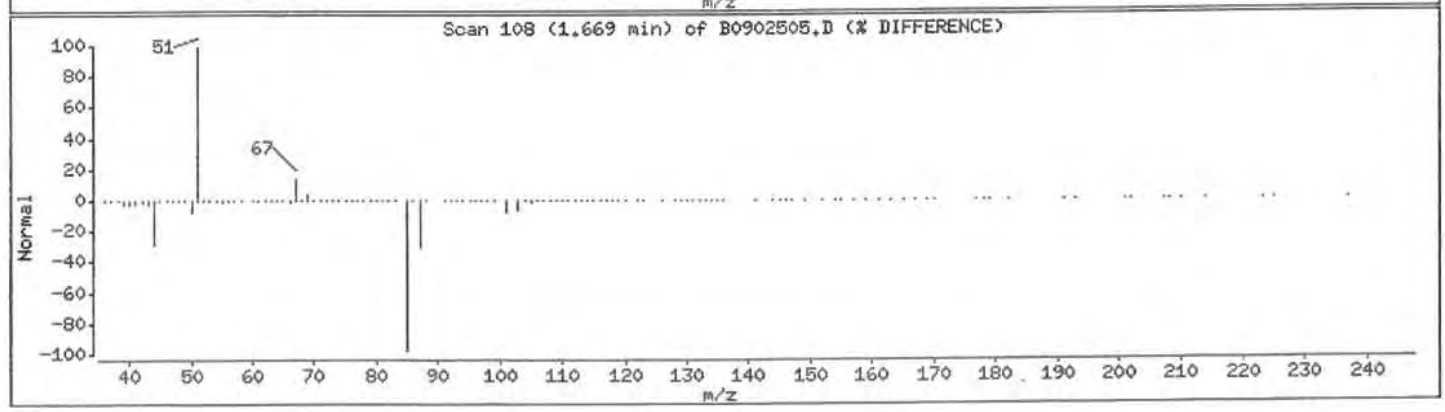
Column phase: DB-624 Column diameter: 0.25

1 Dichlorodifluoromethane Concentration: 0.8820 ug/L









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Date : 14-FEB-2007 15:33

Client ID: Y34X3

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-005

Purge Volume: 25.0

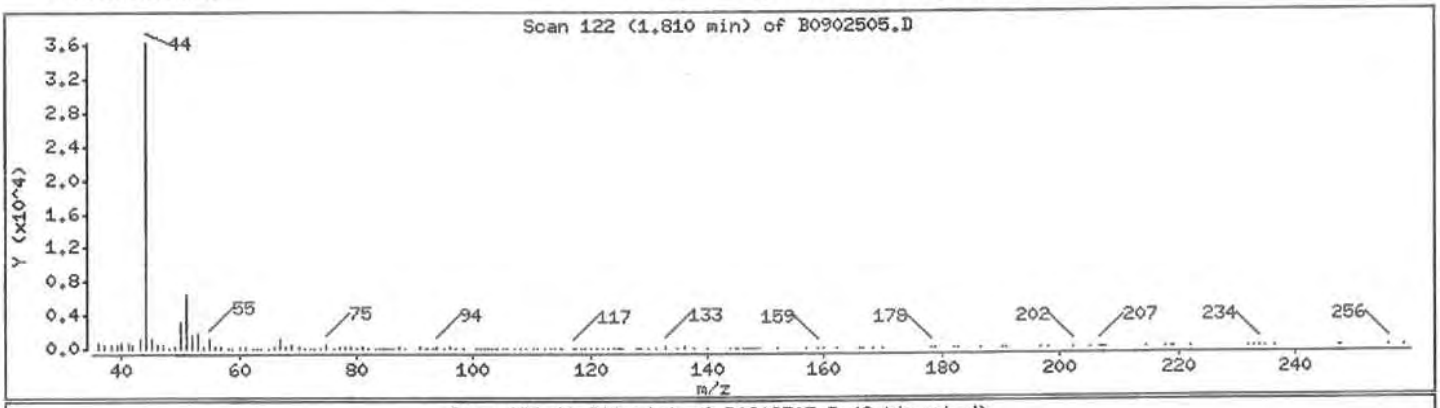
Operator: DLB

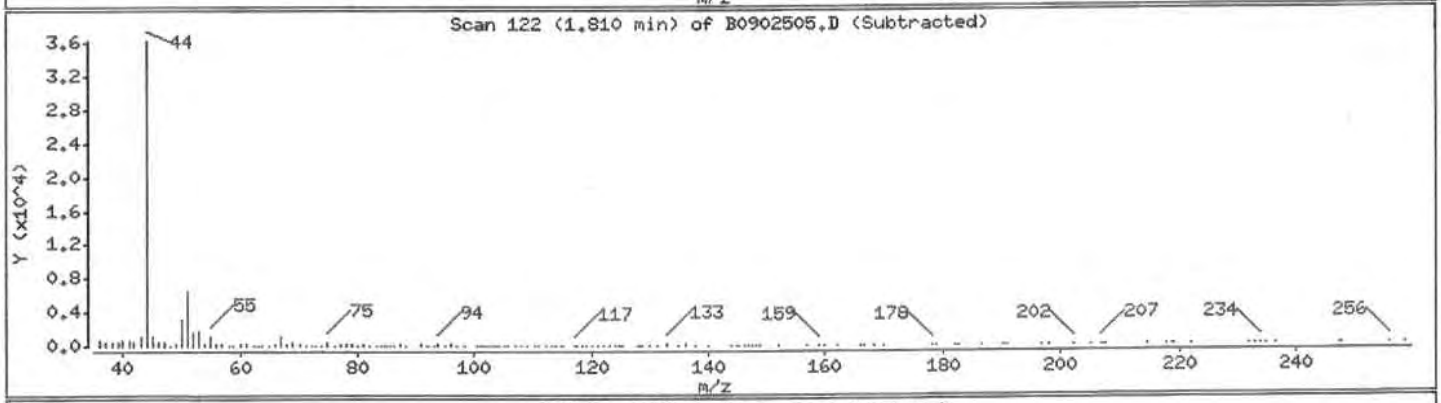
Column phase: DB-624

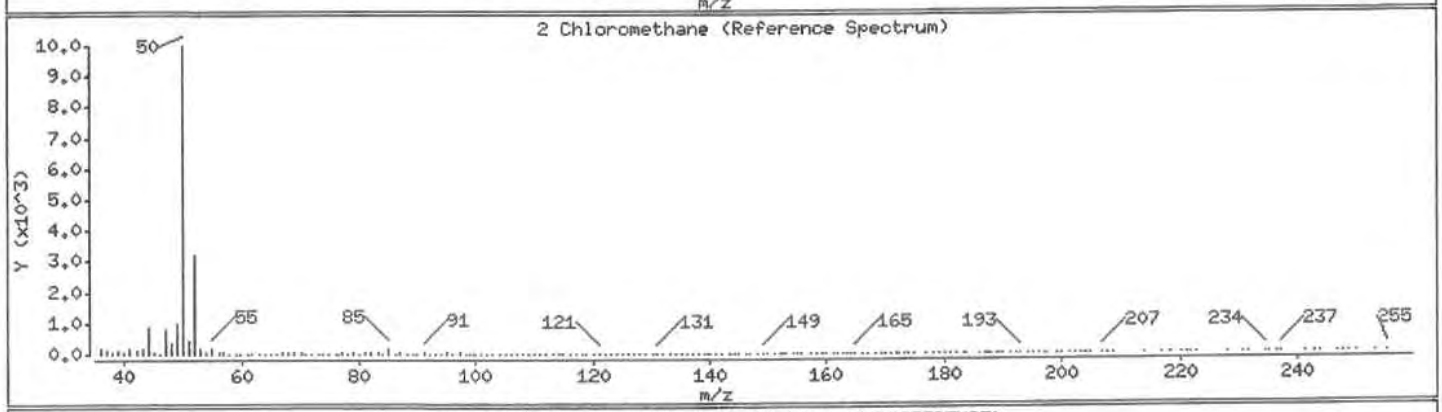
Column diameter: 0.25

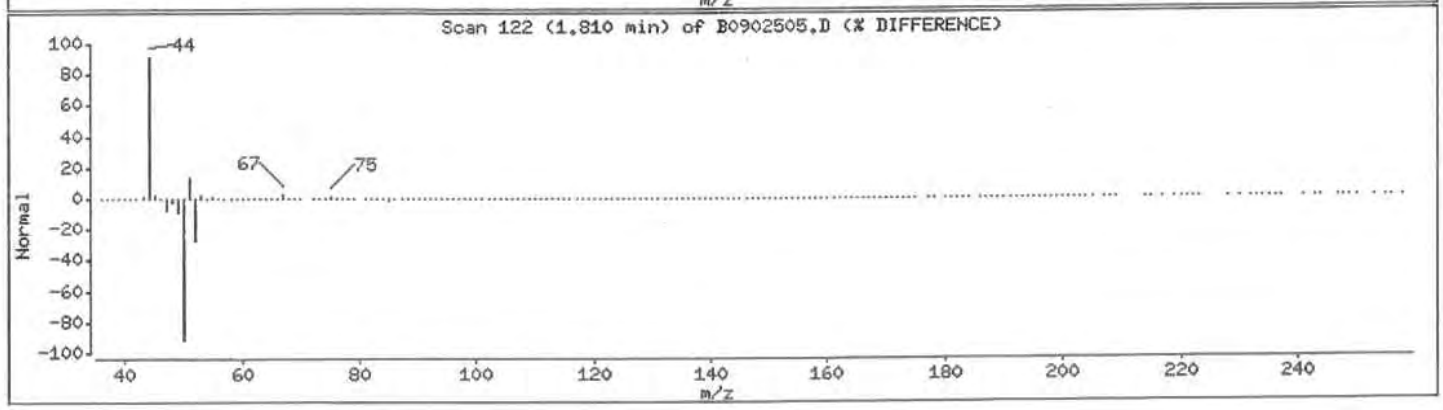
2 Chloromethane

Concentration: 0.2564 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902505.D

Date : 14-FEB-2007 15:33

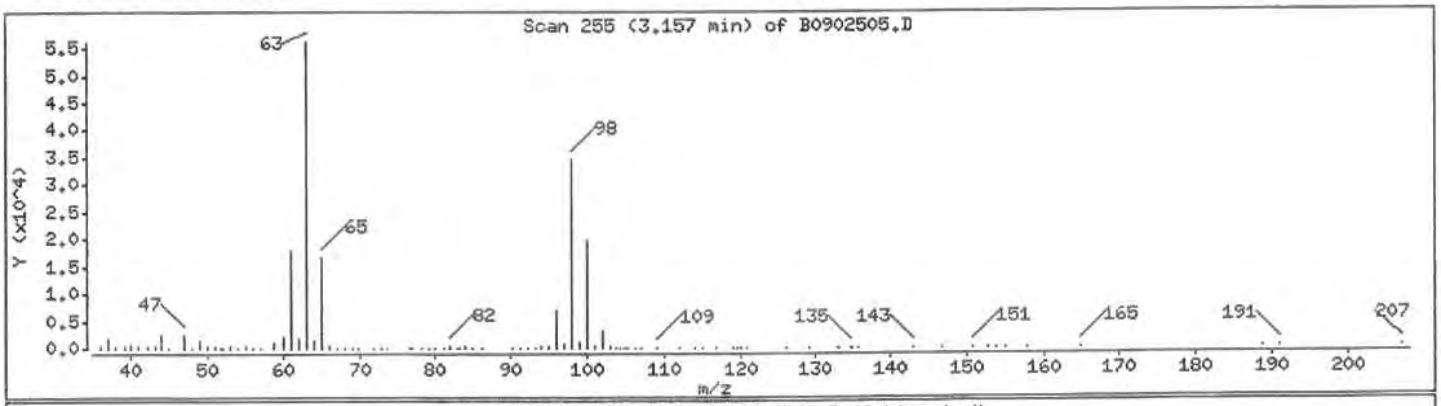
Client ID: Y34X3 Instrument: msd8.i

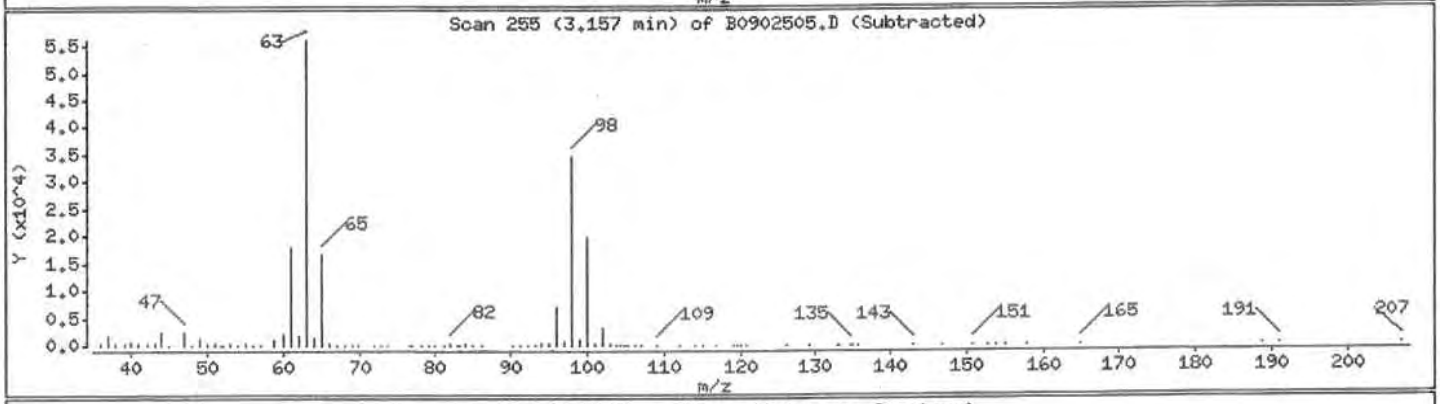
Sample Info: 8feb1407.b, IB09025-005

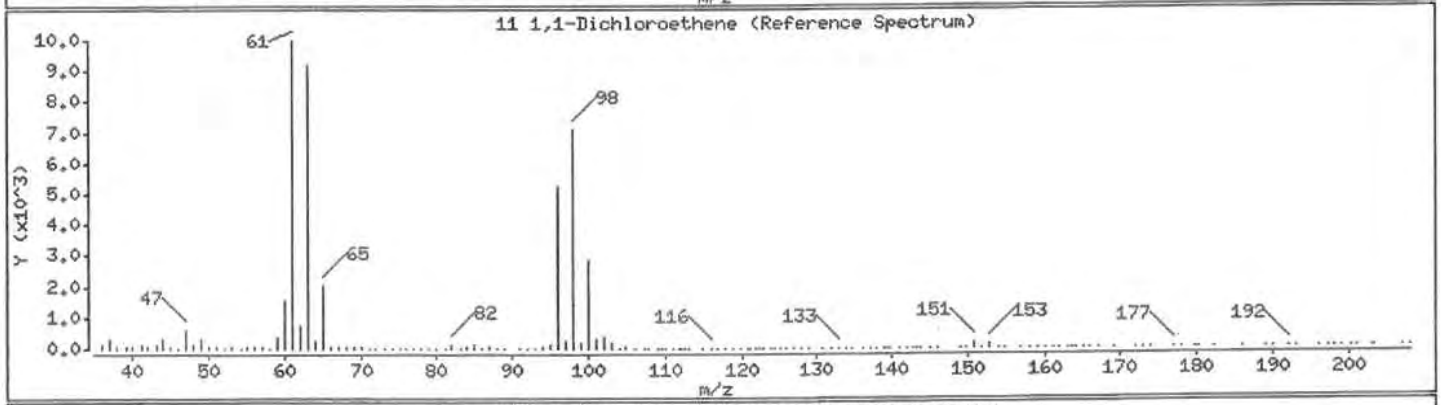
Purge Volume: 25.0 Operator: DLB

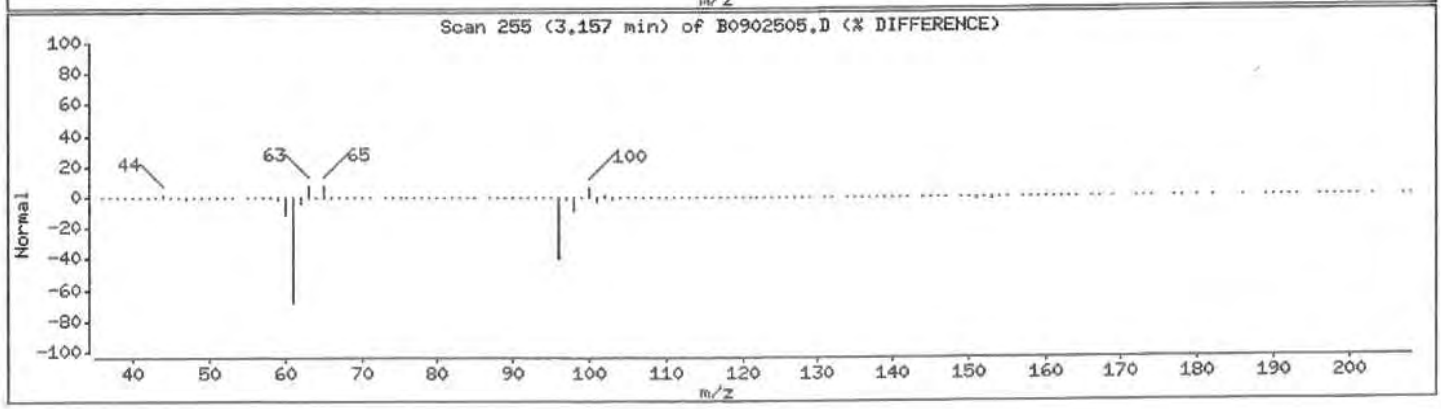
Column phase: DB-624 Column diameter: 0.25

11 1,1-Dichloroethene Concentration: 0.5602 ug/L









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Date : 14-FEB-2007 15:33

Client ID: Y34X3

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-005

Purge Volume: 25.0

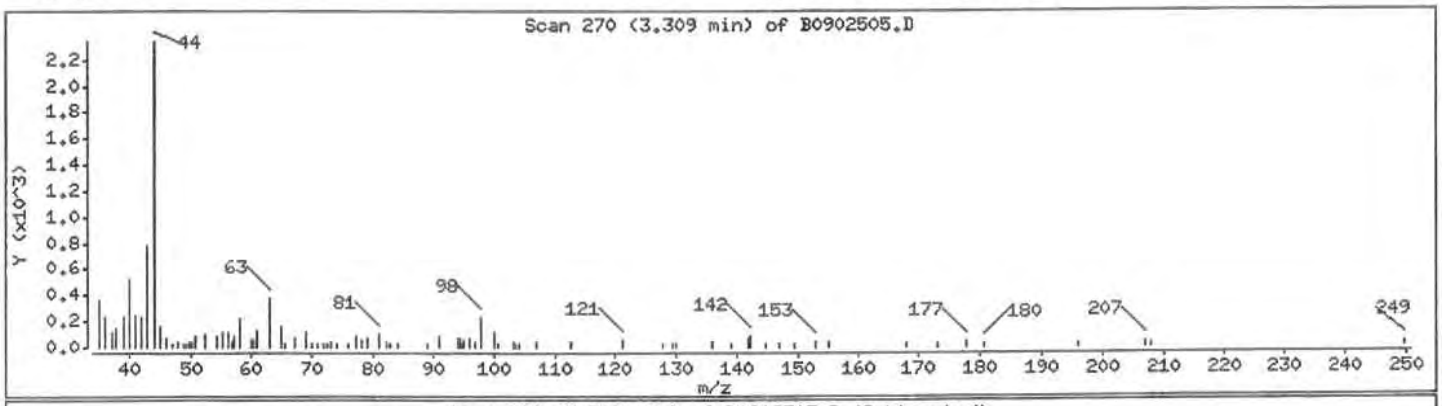
Operator: DLB

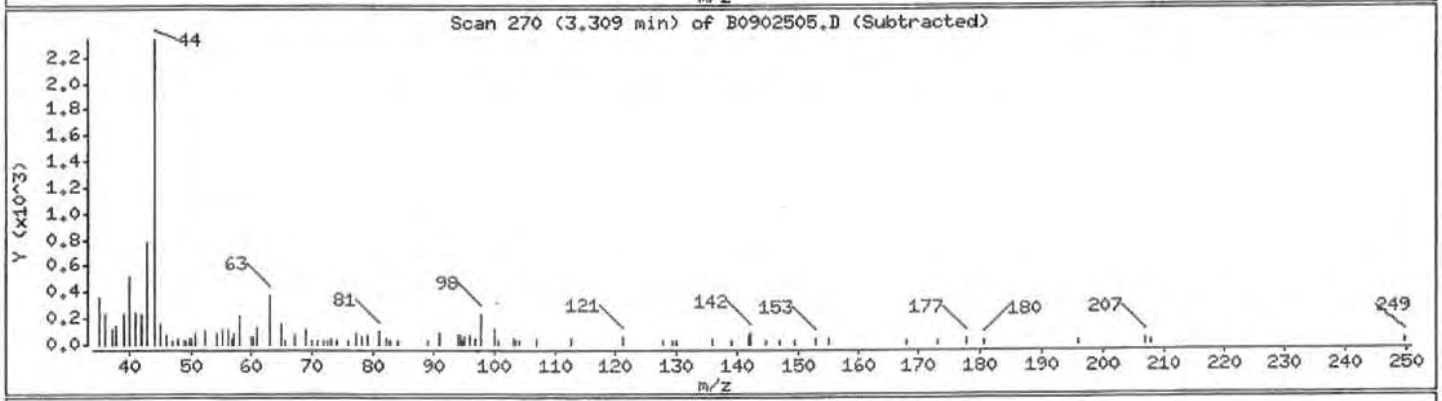
Column phase: DB-624

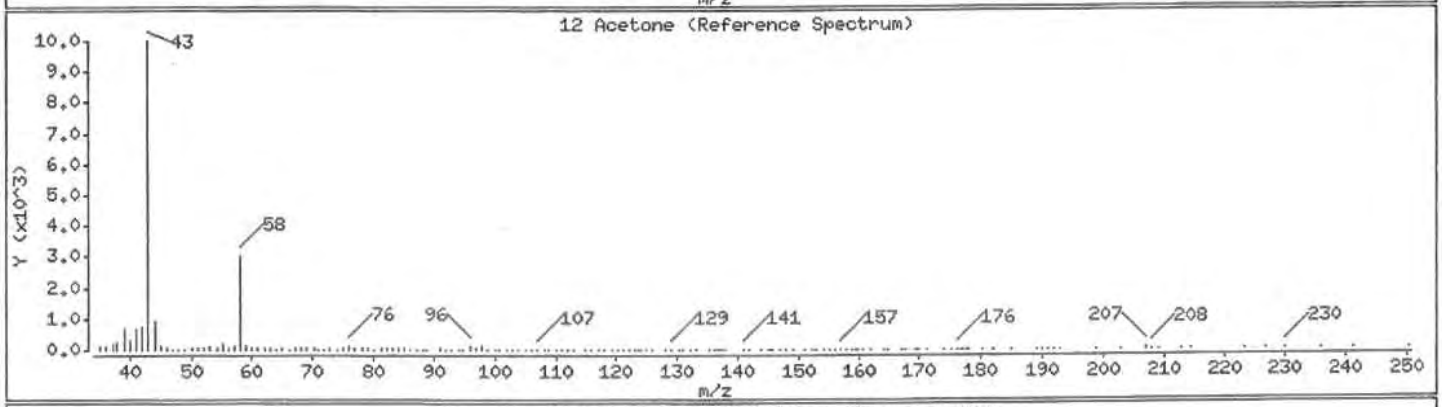
Column diameter: 0.25

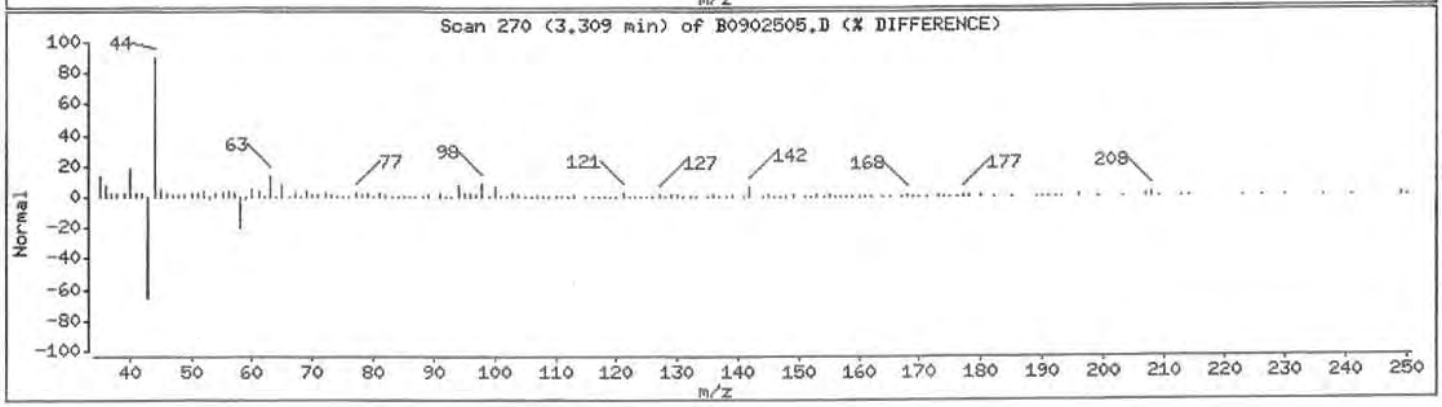
12 Acetone

Concentration: 0.7590 ug/L









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Date : 14-FEB-2007 15:33

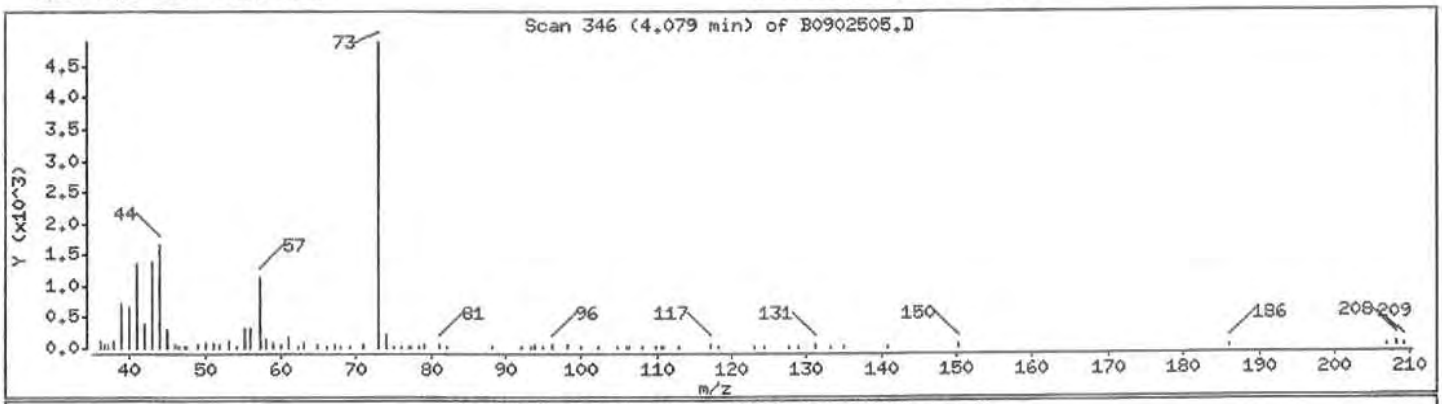
Client ID: Y34X3 Instrument: msd8.i

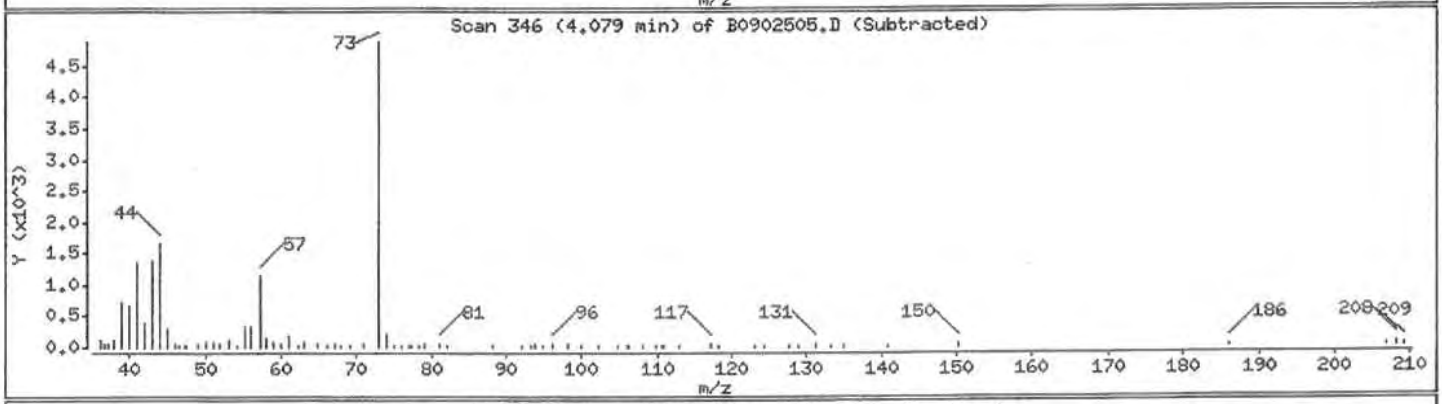
Sample Info: 8feb1407.b, IB09025-005

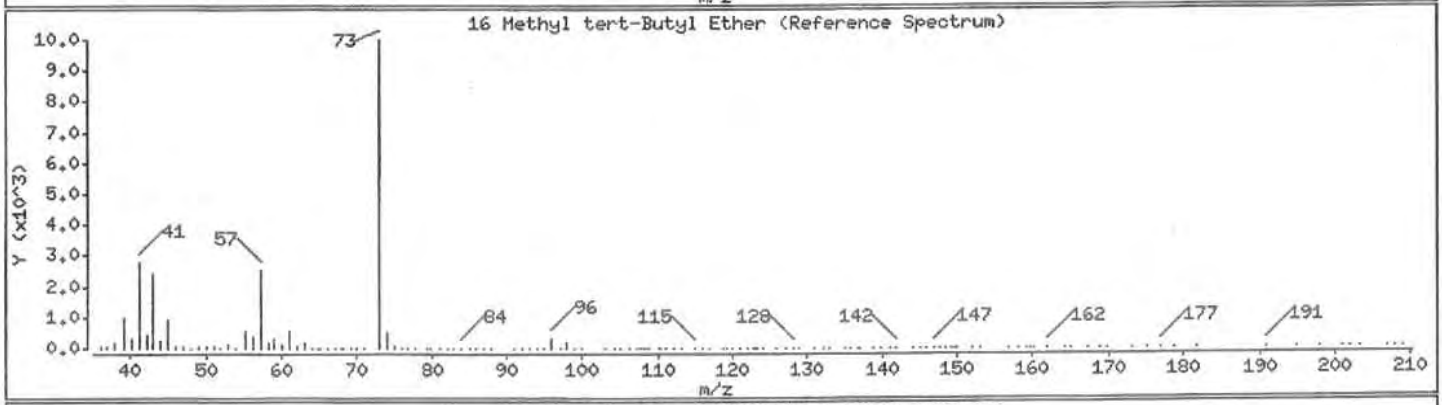
Purge Volume: 25.0 Operator: DLB

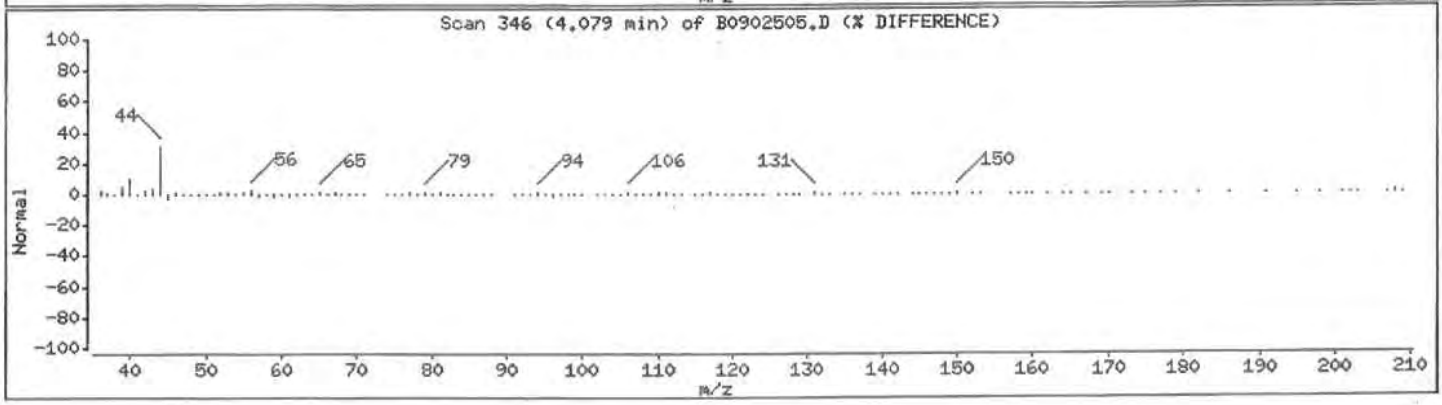
Column phase: DB-624 Column diameter: 0.25

16 Methyl tert-Butyl Ether Concentration: 0.1711 ug/L









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Date : 14-FEB-2007 15:33

Client ID: Y34X3

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-005

Purge Volume: 25.0

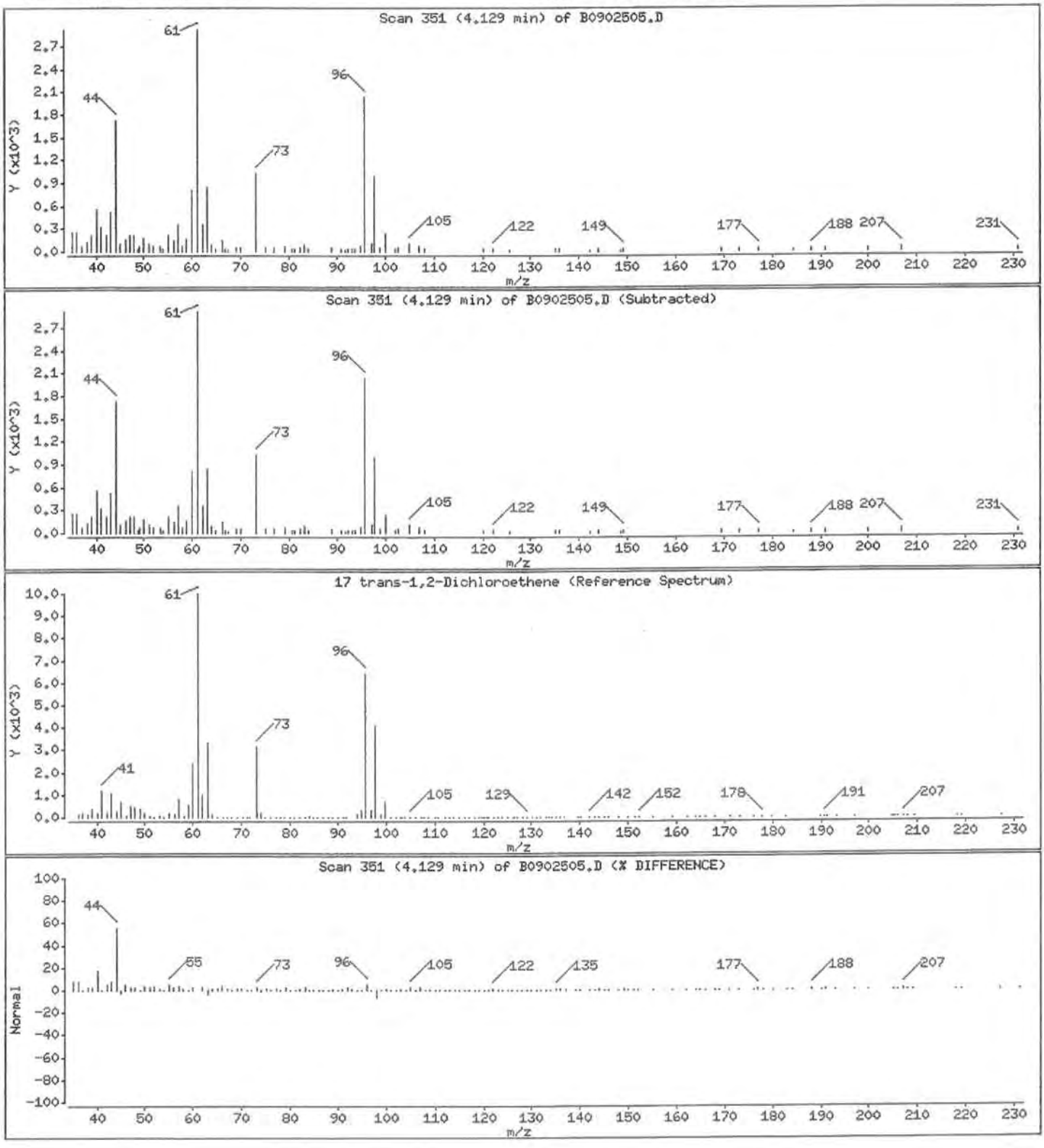
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

17 trans-1,2-Dichloroethene

Concentration: 0.1861 ug/L



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902505.D

Date : 14-FEB-2007 15:33

Client ID: Y34X3

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-005

Purge Volume: 25.0

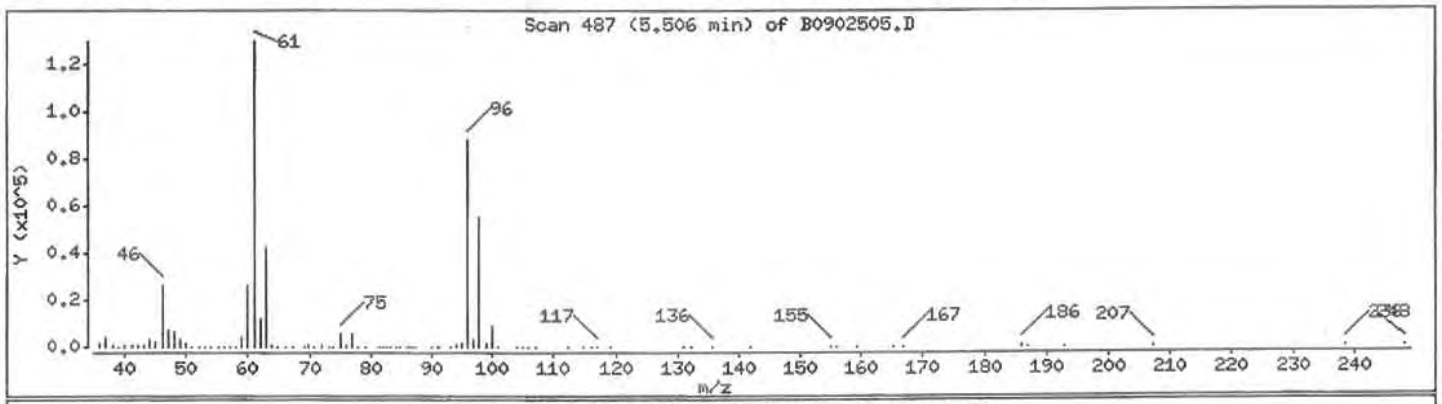
Operator: DLB

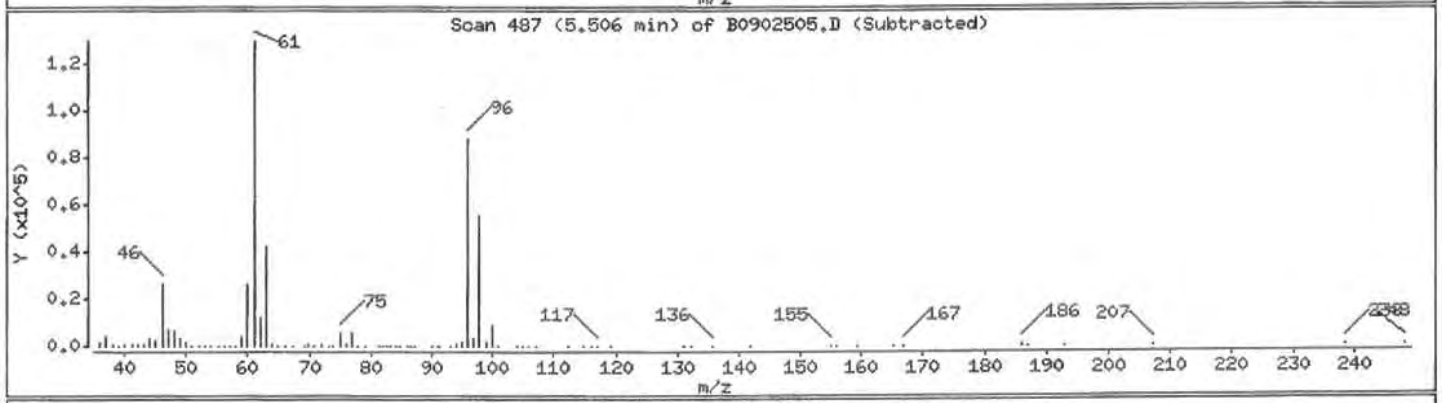
Column phase: DB-624

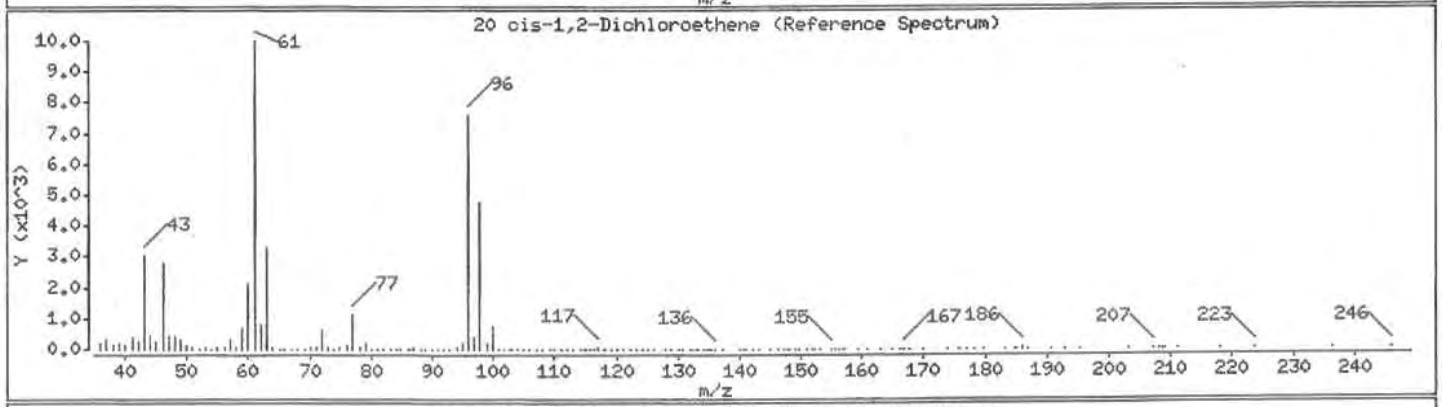
Column diameter: 0.25

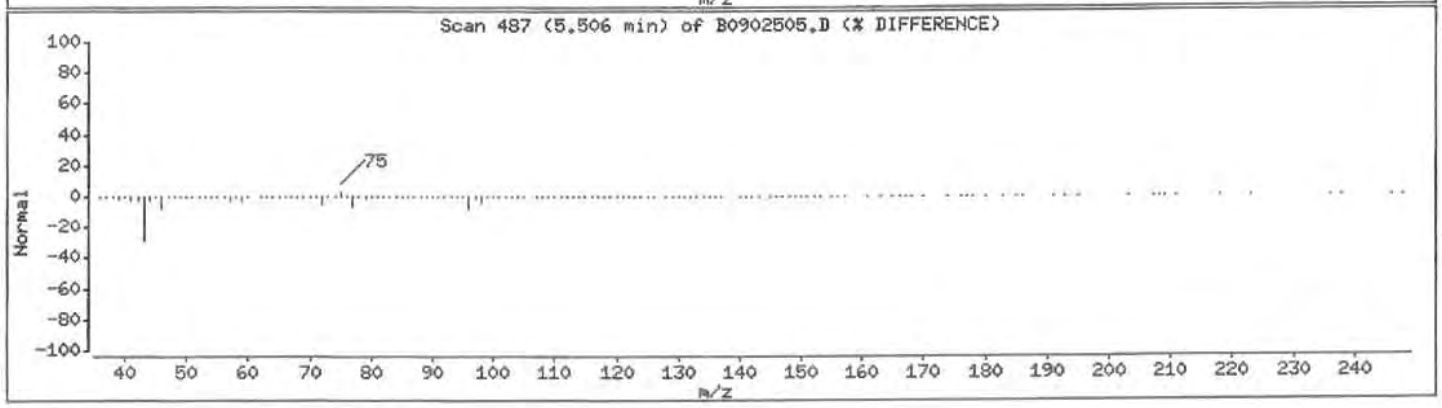
20 cis-1,2-Dichloroethene

Concentration: 6.2365 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902505.D

Date : 14-FEB-2007 15:33

Client ID: Y34X3

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-005

Purge Volume: 25.0

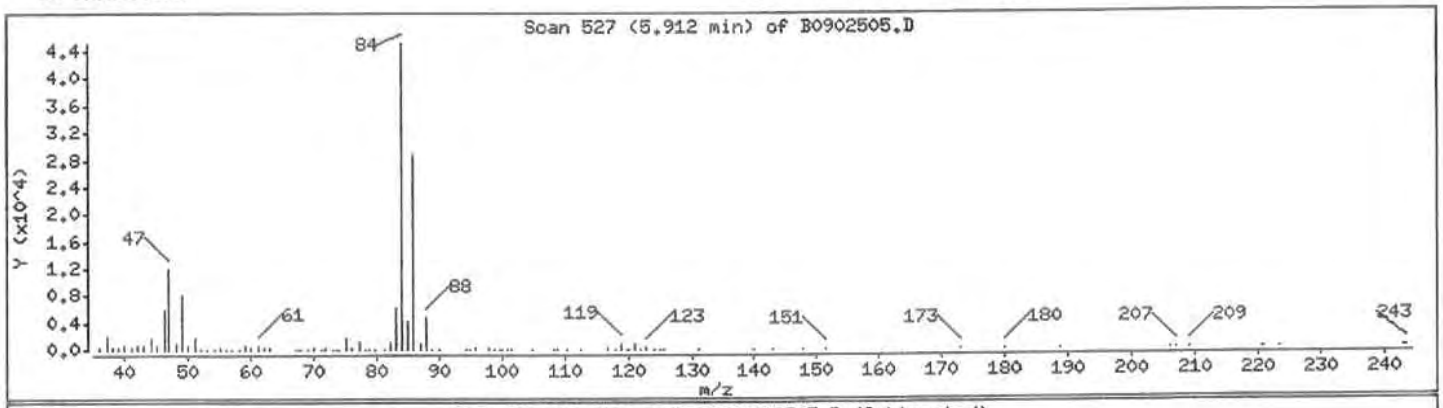
Operator: DLB

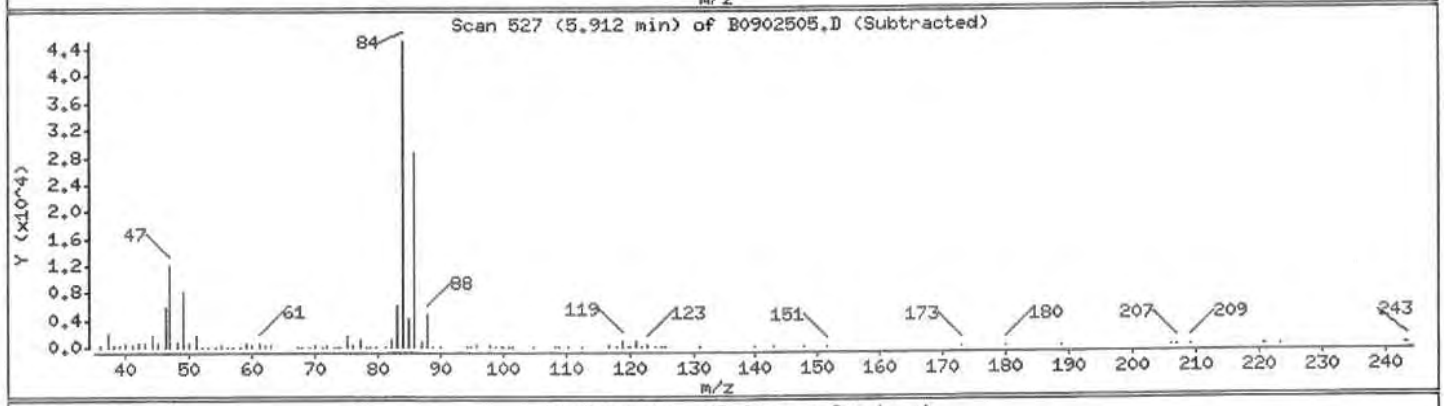
Column phase: DB-624

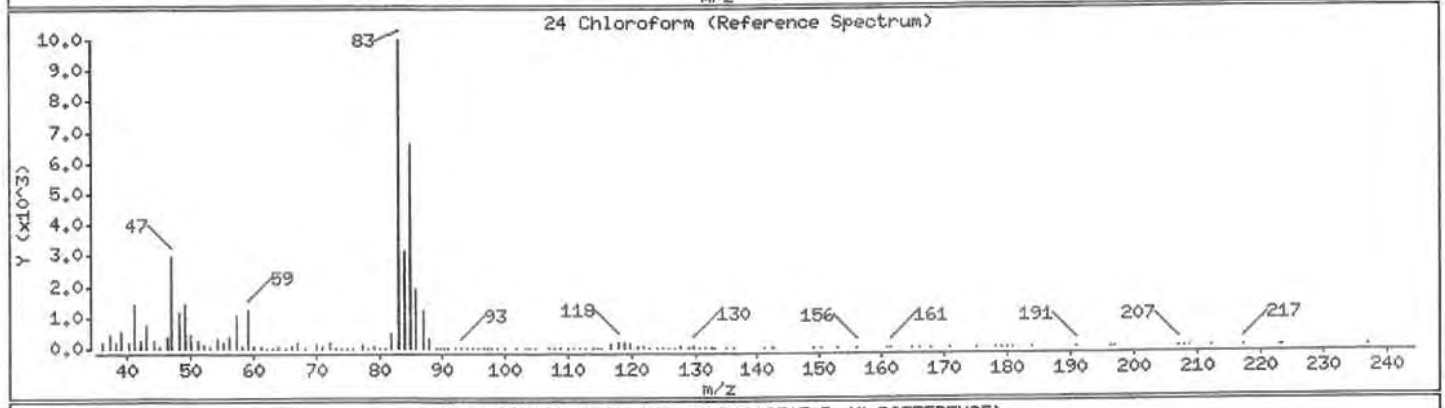
Column diameter: 0.25

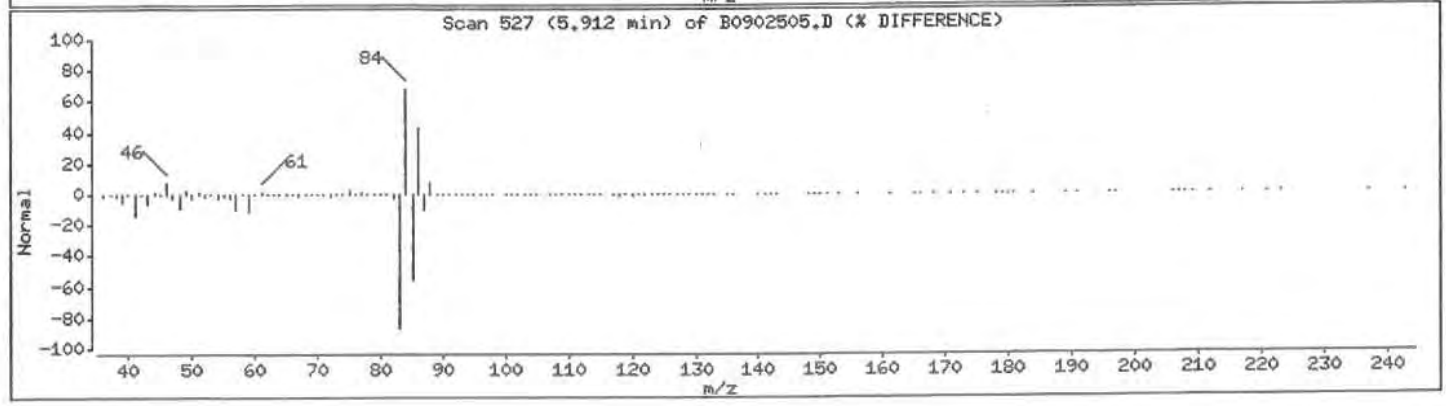
24 Chloroform

Concentration: 0.2480 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902505.D

Date : 14-FEB-2007 15:33

Client ID: Y34X3

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-005

Purge Volume: 25.0

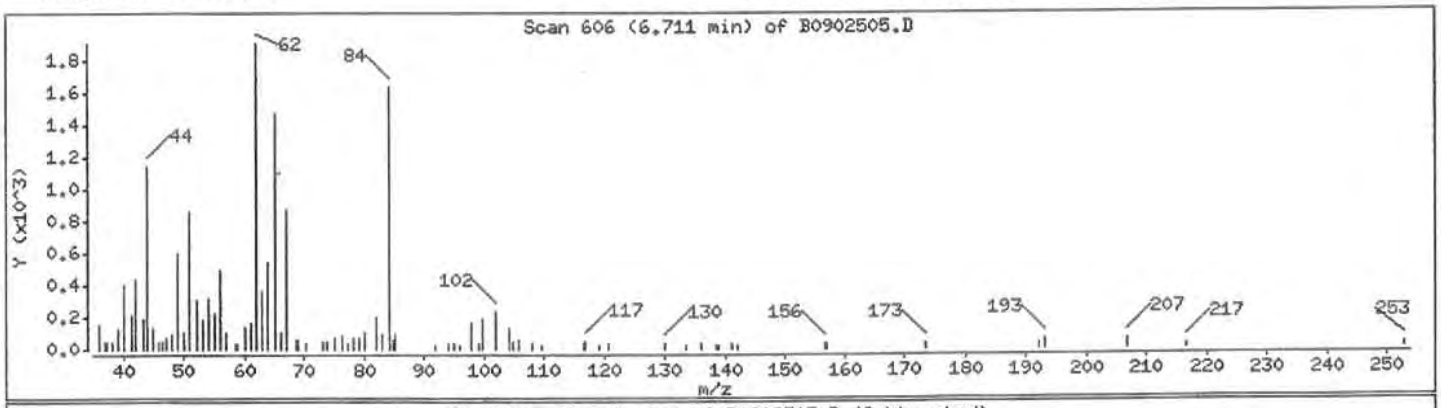
Operator: DLB

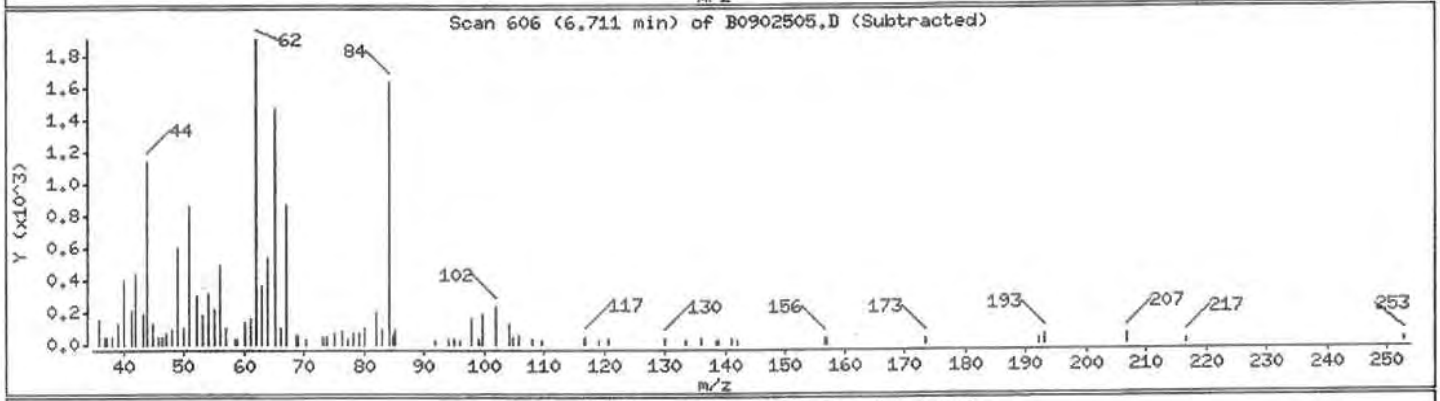
Column phase: DB-624

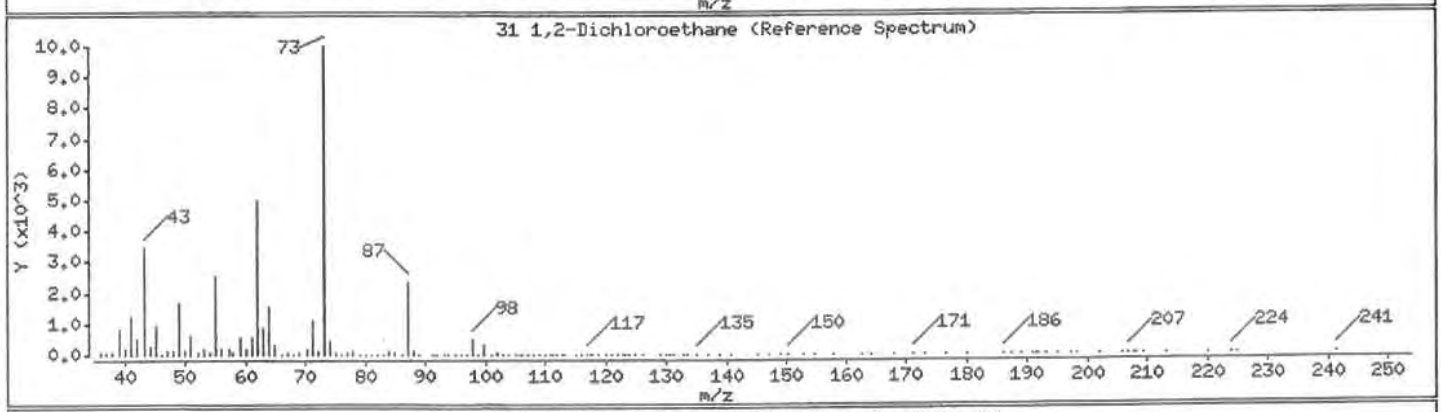
Column diameter: 0.25

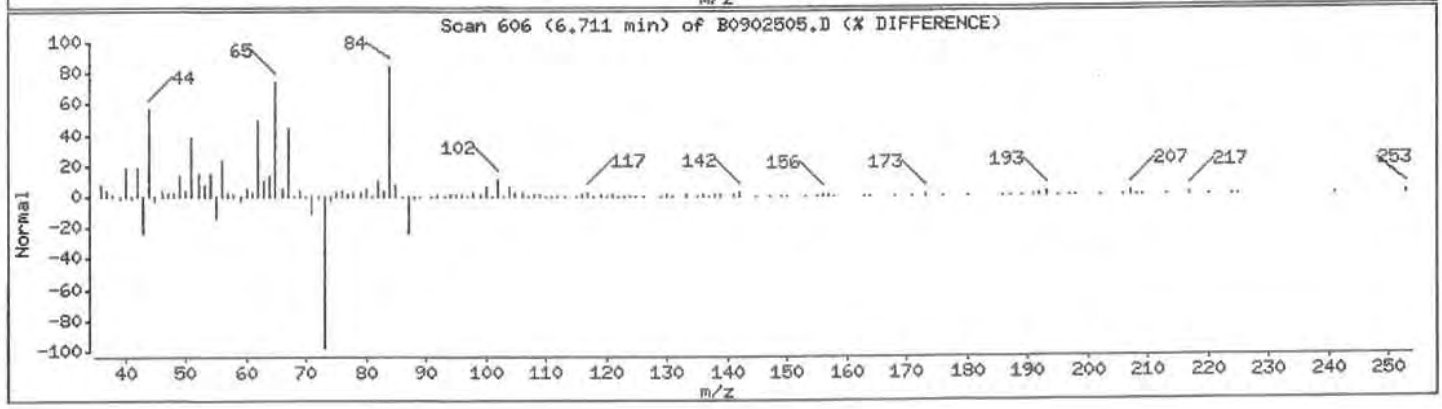
31 1,2-Dichloroethane

Concentration: 0.1214 ug/L









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Date : 14-FEB-2007 15:33

Client ID: Y34X3

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-005

Purge Volume: 25.0

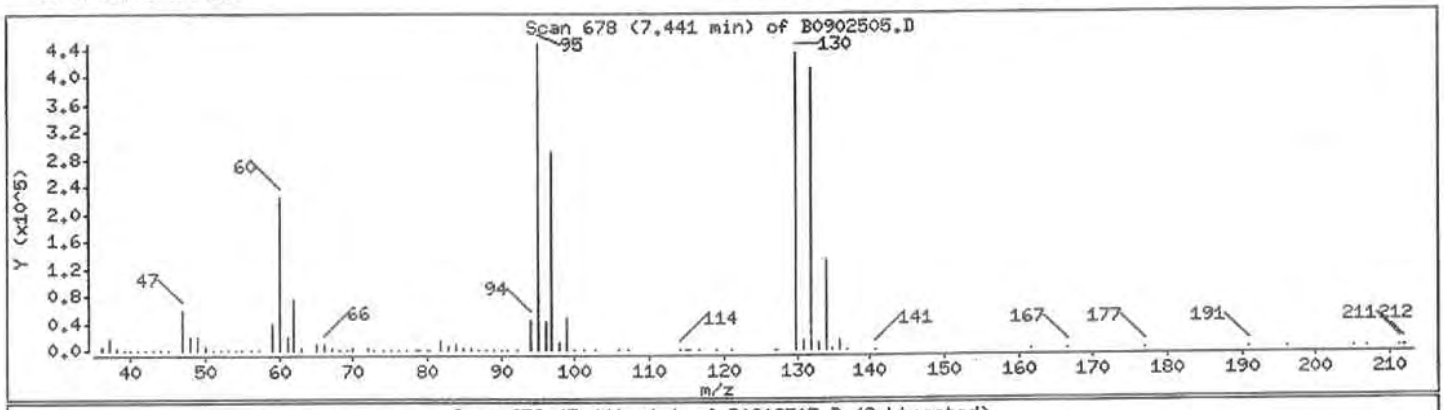
Operator: DLB

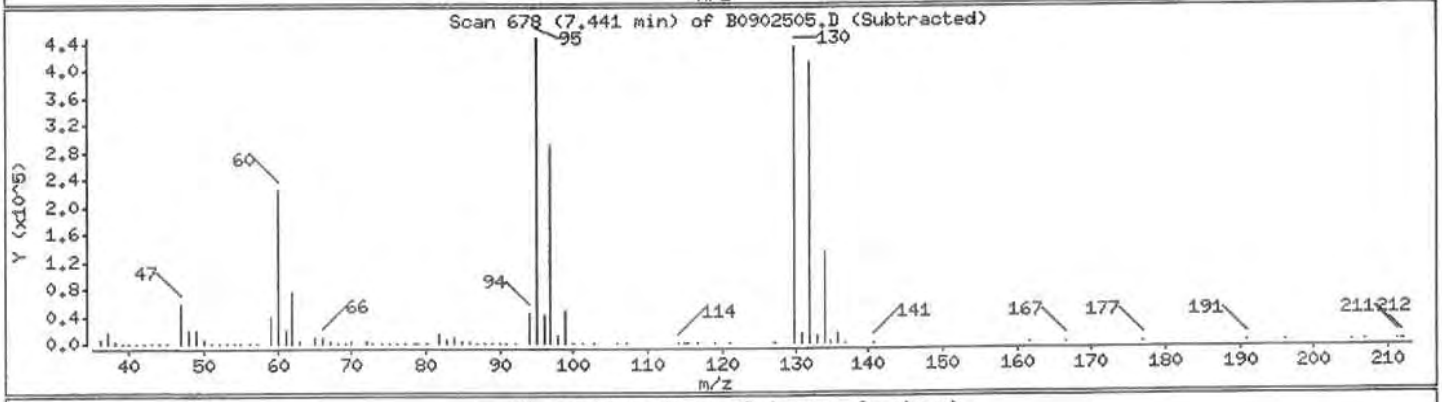
Column phase: DB-624

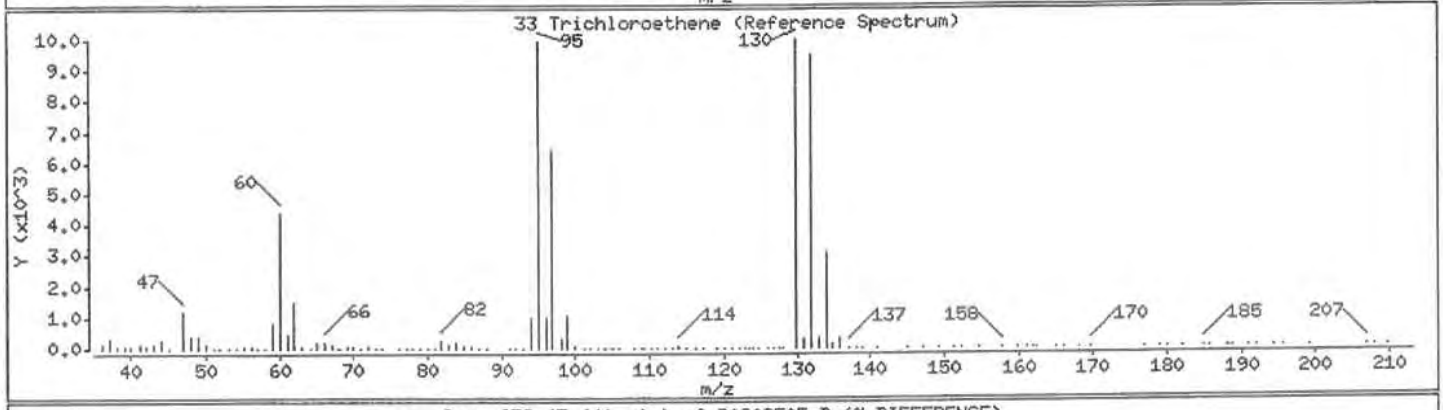
Column diameter: 0.25

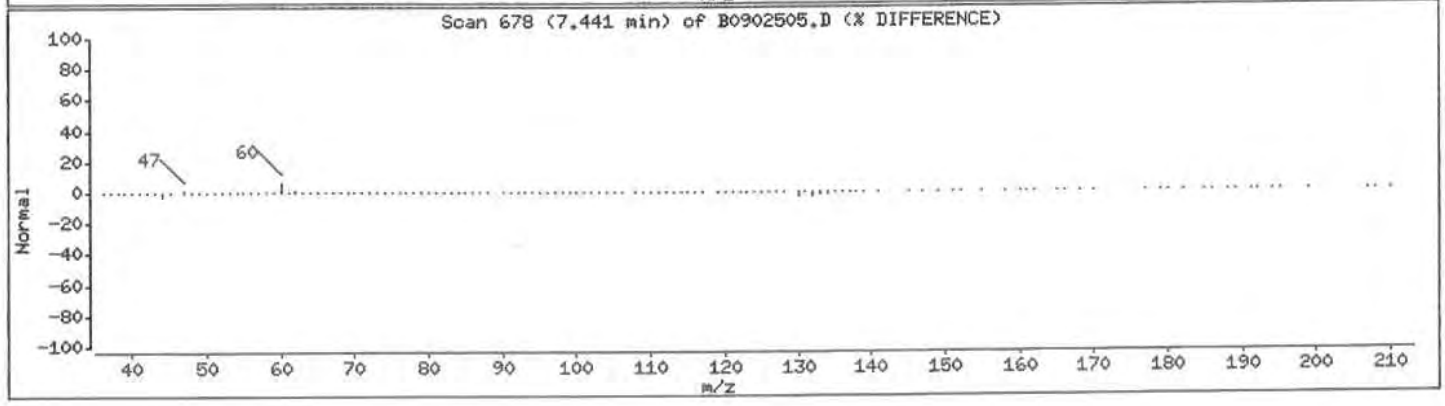
33 Trichloroethene

Concentration: 31.3887 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902505.D

Date : 14-FEB-2007 15:33

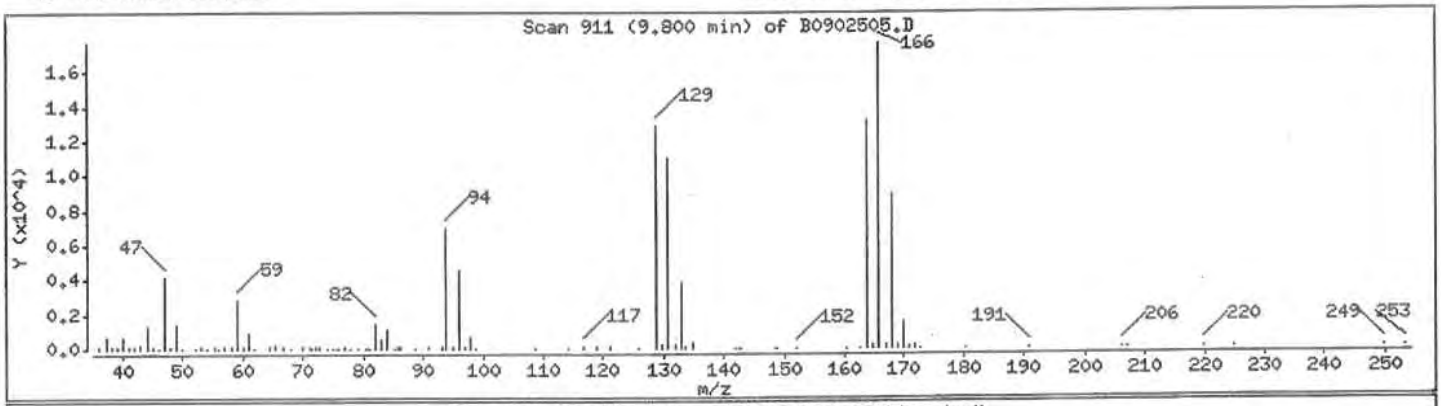
Client ID: Y34X3 Instrument: msd8.i

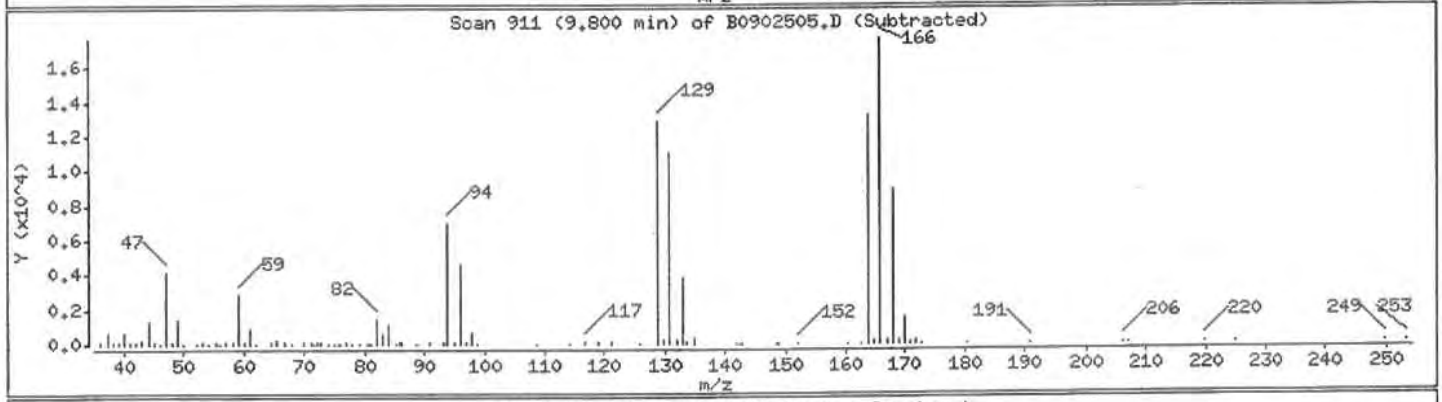
Sample Info: 8feb1407.b, IB09025-005

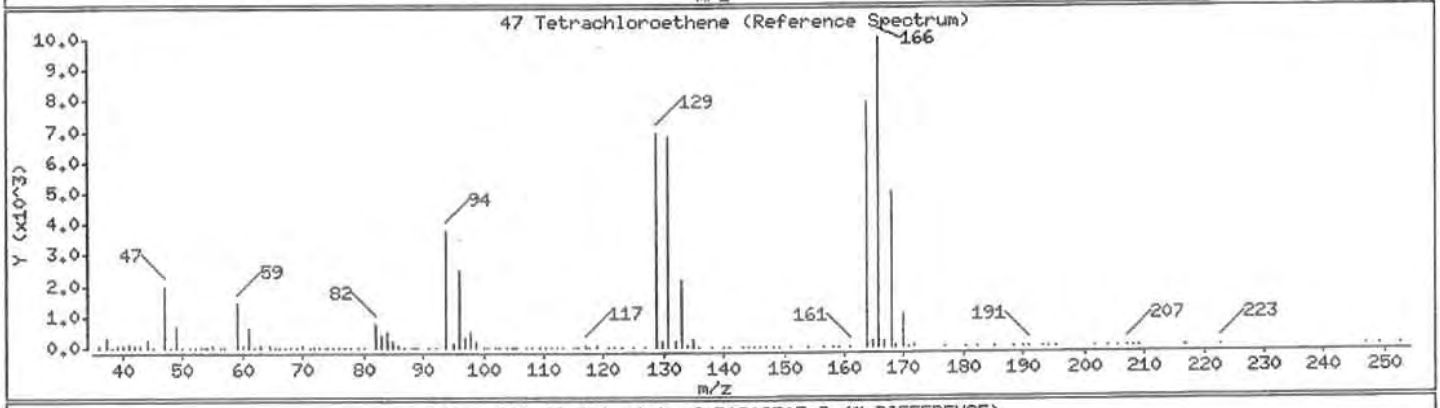
Purge Volume: 25.0 Operator: DLB

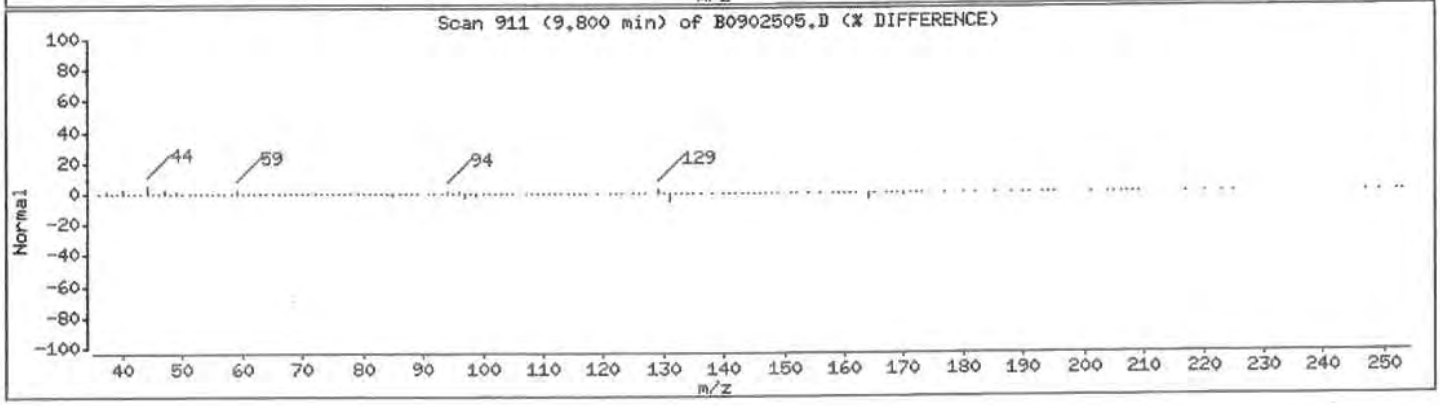
Column phase: DB-624 Column diameter: 0.25

47 Tetrachloroethene Concentration: 0.8342 ug/L









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Date : 14-FEB-2007 15:33

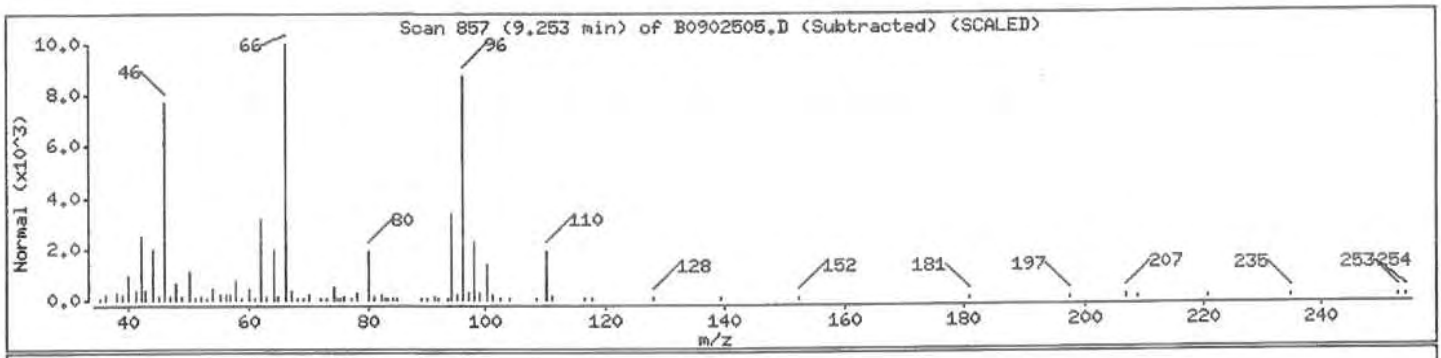
Client ID: Y34X3 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-005

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 14-FEB-2007 15:33

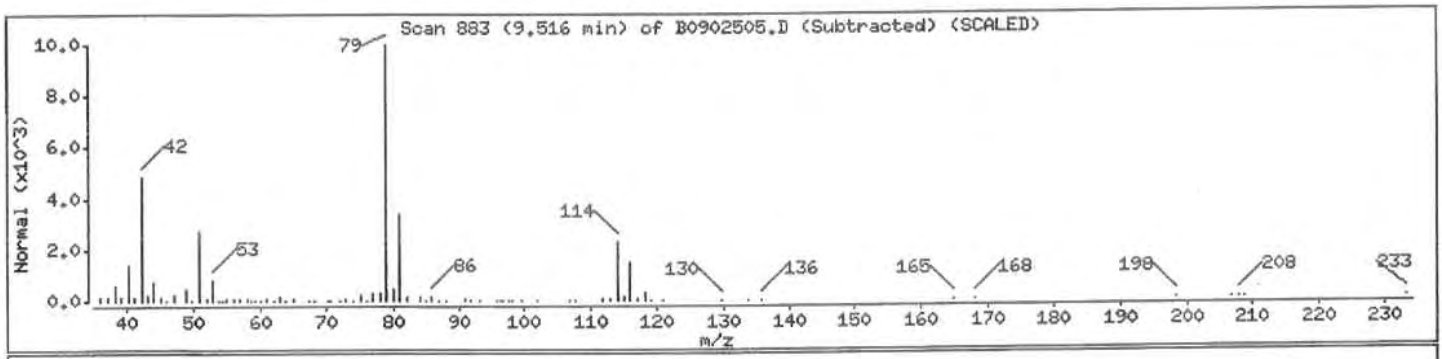
Client ID: Y34X3 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-005

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 14-FEB-2007 15:33

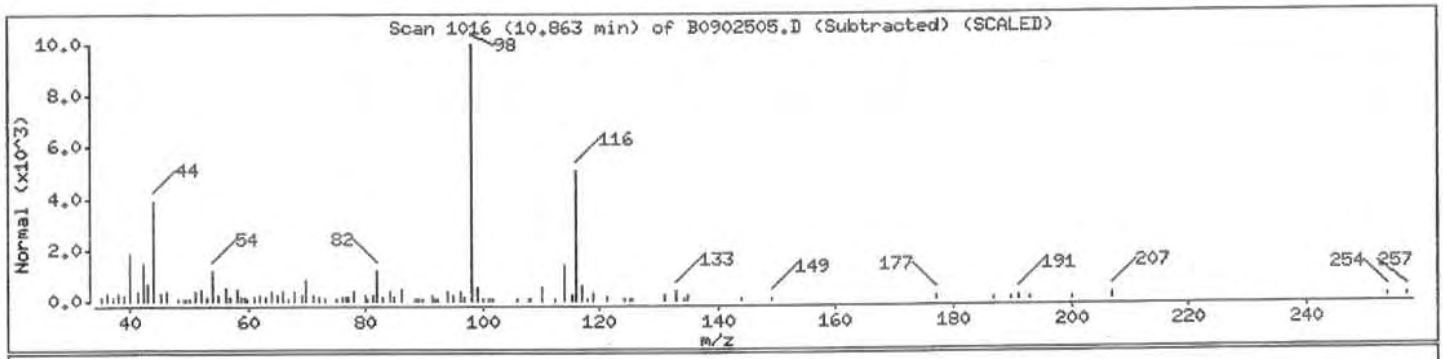
Client ID: Y34X3 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-005

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 14-FEB-2007 15:33

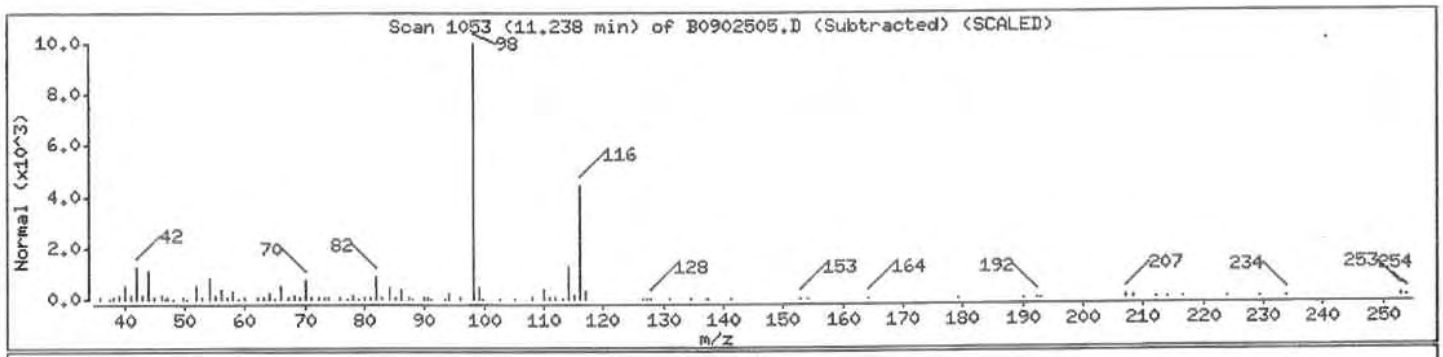
Client ID: Y34X3 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-005

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902505.D

Date : 14-FEB-2007 15:33

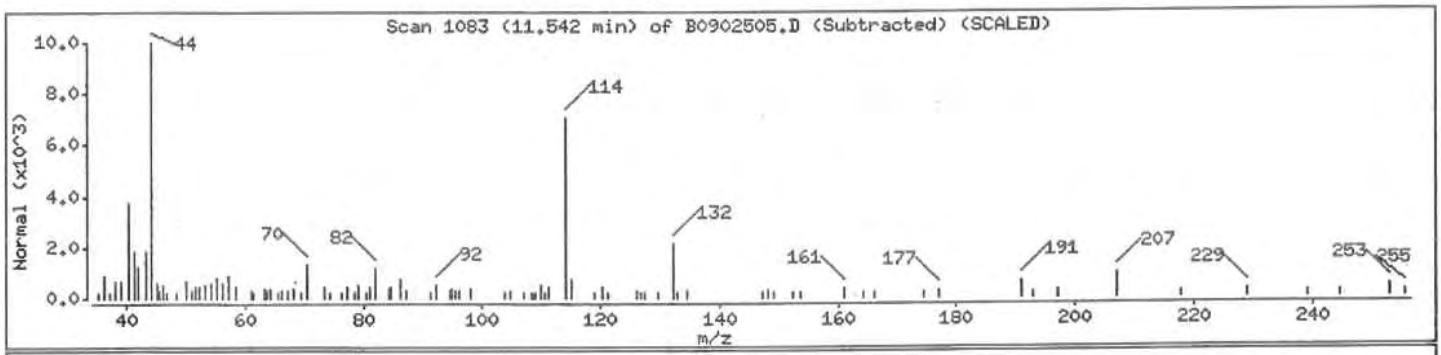
Client ID: Y34X3 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-005

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902505.D

Date : 14-FEB-2007 15:33

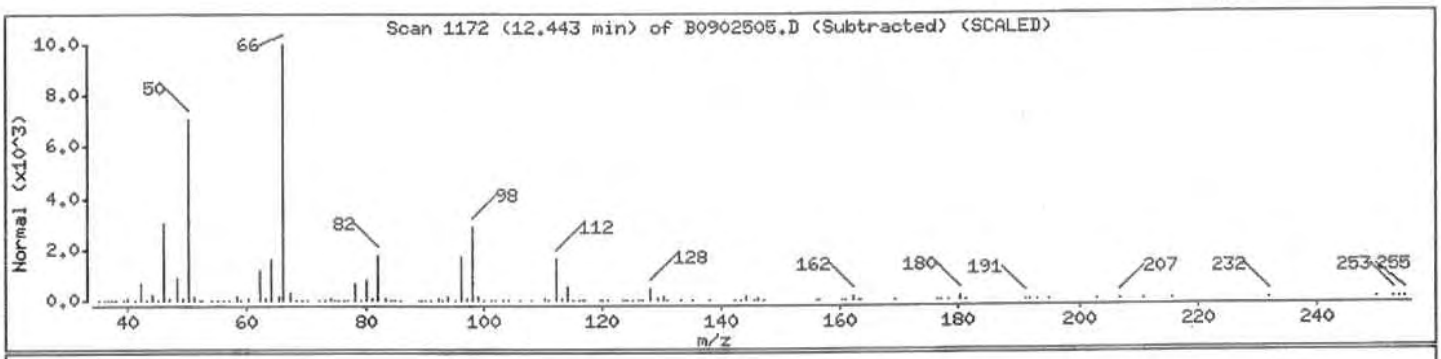
Client ID: Y34X3 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-005

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34X4

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-006

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902506

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	2.7	JB
75-15-0	Carbon disulfide	0.069	J
79-20-9	Methyl acetate	0.074	J
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.41	J
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.15	JB
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.74	
71-43-2	Benzene	0.085	J
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34X4

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-006

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902506

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	4.0	
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.068	J
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34X4

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-006

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902506

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
Y34X4

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-006

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902506

Level: (TRACE or LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	9.517	0.74	J
02		Unknown-02	12.443	3.0	J
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0902506.D
Lab Smp Id: IB09025-006 Client Smp ID: Y34X4
Inj Date : 14-FEB-2007 15:56
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB09025-006
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 57
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	Compound Not Detected.					
	2 Chloromethane	50	Compound Not Detected.					
$	3 Vinyl Chloride-d3	65	1.911	1.921	(0.267)	117595	4.35526	4.3552
	4 Vinyl Chloride	62	Compound Not Detected.					
	5 Bromomethane	94	Compound Not Detected.					
$	6 Chloroethane-d5	69	2.337	2.336	(0.327)	105526	4.29401	4.2940
	7 Chloroethane	64	Compound Not Detected.					
	8 Trichlorofluoromethane	101	Compound Not Detected.					
$	9 1,1-Dichloroethene-d2	63	3.137	3.136	(0.439)	280423	4.03405	4.0340
	11 1,1-Dichloroethene	96	Compound Not Detected.					
	10 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	12 Acetone	43	3.309	3.288	(0.463)	10452	2.69054	2.6905(a)
	13 Carbon Disulfide	76	3.420	3.420	(0.479)	7732	0.06878	0.0687(a)
	14 Methyl Acetate	43	3.653	3.663	(0.511)	2090	0.07357	0.0735(a)
	15 Methylene Chloride	84	Compound Not Detected.					
	16 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	17 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	18 1,1-Dichloroethane	63	Compound Not Detected.					
$	19 2-Butanone-d5	46	5.466	5.466	(0.765)	781924	75.0679	75.0678(Q)
	20 cis-1,2-Dichloroethene	96	5.506	5.496	(0.770)	16779	0.40744	0.4074(a)
	21 2-Butanone	43	Compound Not Detected.					
	22 Bromochloromethane	128	Compound Not Detected.					
$	23 Chloroform-d	84	5.881	5.881	(0.823)	325142	4.94283	4.9428(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	24 Chloroform	83	5.911	5.911	(0.827)	10561	0.15264	0.1526(aQH)
	25 1,1,1-Trichloroethane	97	Compound Not Detected.					
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon Tetrachloride	117	6.195	6.265	(0.577)	34406	0.74211	0.7421(Q)
$	28 1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	185670	5.52648	5.5264(Q)
$	29 Benzene-d6	84	6.529	6.529	(0.608)	725211	5.13592	5.1359
	30 Benzene	78	6.590	6.579	(0.614)	13611	0.08525	0.0852(a)
	31 1,2-Dichloroethane	62	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	7.147	7.146	(1.000)	609443	5.00000	
	33 Trichloroethene	95	7.450	7.440	(0.694)	164481	4.04129	4.0412
$	34 1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	236162	5.14512	5.1451
	35 Methylcyclohexane	83	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
$	39 1,4-Dioxane-d8	96	7.926	7.916	(1.109)	48809	379.093	379.0929(QR)
	38 1,4-Dioxane	88	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
$	40 trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	111524	4.25003	4.2500
	41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	43 Toluene-d8	98	9.081	9.081	(0.846)	634114	4.94484	4.9448
	44 Toluene	91	9.172	9.172	(0.855)	11363	0.06772	0.0677(a)
	45 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	46 1,1,2-Trichloroethane	97	Compound Not Detected.					
	47 Tetrachloroethene	164	Compound Not Detected.					
$	48 2-Hexanone-d5	63	9.962	9.962	(0.928)	702370	56.8629	56.8629
	49 2-Hexanone	43	Compound Not Detected.					
	50 Dibromochloromethane	129	Compound Not Detected.					
	51 1,2-Dibromoethane	107	Compound Not Detected.					
*	52 Chlorobenzene-d5	117	10.731	10.731	(1.000)	558282	5.00000	
	53 Chlorobenzene	112	Compound Not Detected.					
	54 Ethylbenzene	91	Compound Not Detected.					
	55 m+p-Xylenes	106	Compound Not Detected.					
	56 o-Xylene	106	Compound Not Detected.					
	57 Styrene	104	Compound Not Detected.					
	58 Bromoform	173	Compound Not Detected.					
	59 Isopropylbenzene	105	Compound Not Detected.					
$	60 1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	174137	5.00034	5.0003
	61 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	62 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	63 1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	286468	5.00000	
	64 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	65 1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	246856	4.99915	4.9991
	66 1,2-Dichlorobenzene	146	Compound Not Detected.					
	67 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
	68 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	69 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
	72 tert-butyl alcohol	59	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

QC Flag Legend

H - Operator selected an alternate compound hit.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0902506.D
Lab Smp Id: IB09025-006 Client Smp ID: Y34X4
Inj Date : 14-FEB-2007 15:56
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB09025-006
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 57
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 52 Chlorobenzene-d5	10.732	1840545	5.000
* 63 1,4-Dichlorobenzene-d4	12.716	3183845	5.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
9.517	270793	0.73563108	0.7356	0		0	52
Unknown				CAS #:			
12.443	1937938	3.04339201	3.0433	0		0	63

Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902506.D

Date : 14-FEB-2007 15:56

Client ID: Y34X4

Instrument: msd8.i

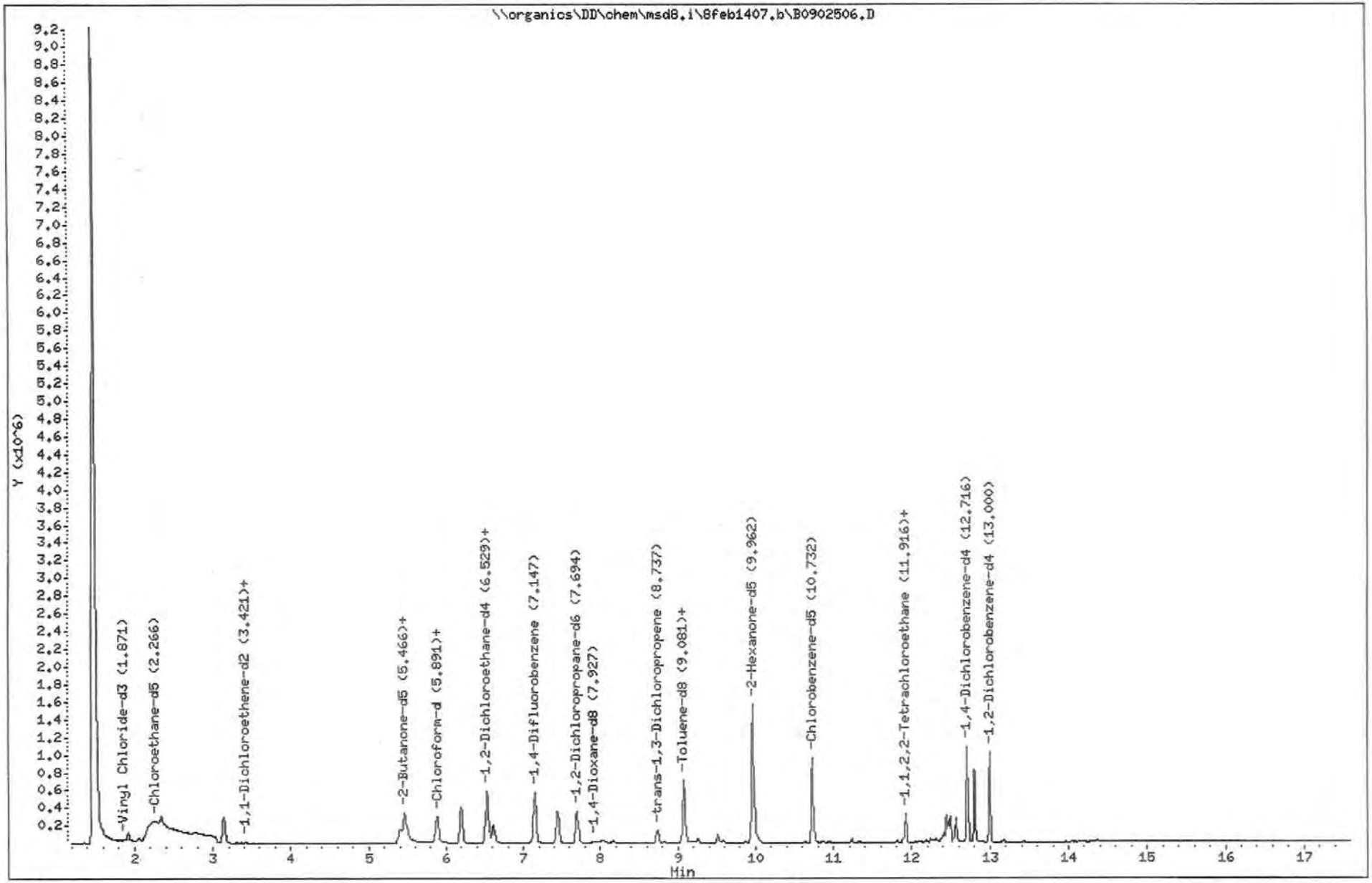
Sample Info: 8feb1407.b, IB09025-006

Purge Volume: 25.0

Operator: DLB

Column phase: DB-624

Column diameter: 0.25



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Date : 14-FEB-2007 15:56

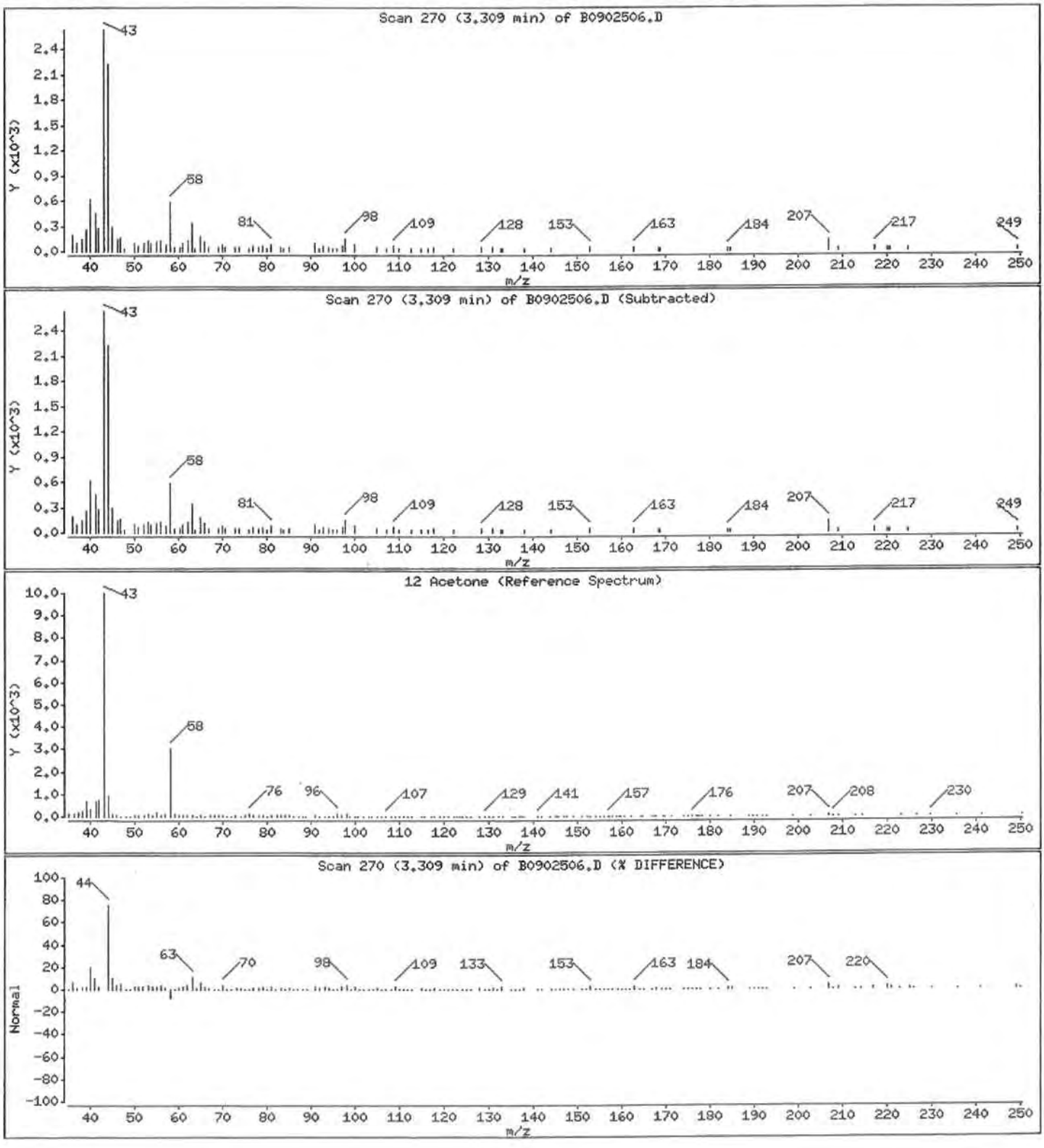
Client ID: Y34X4 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-006

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

12 Acetone Concentration: 2.6905 ug/L



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Date : 14-FEB-2007 15:56

Client ID: Y34X4

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-006

Purge Volume: 25.0

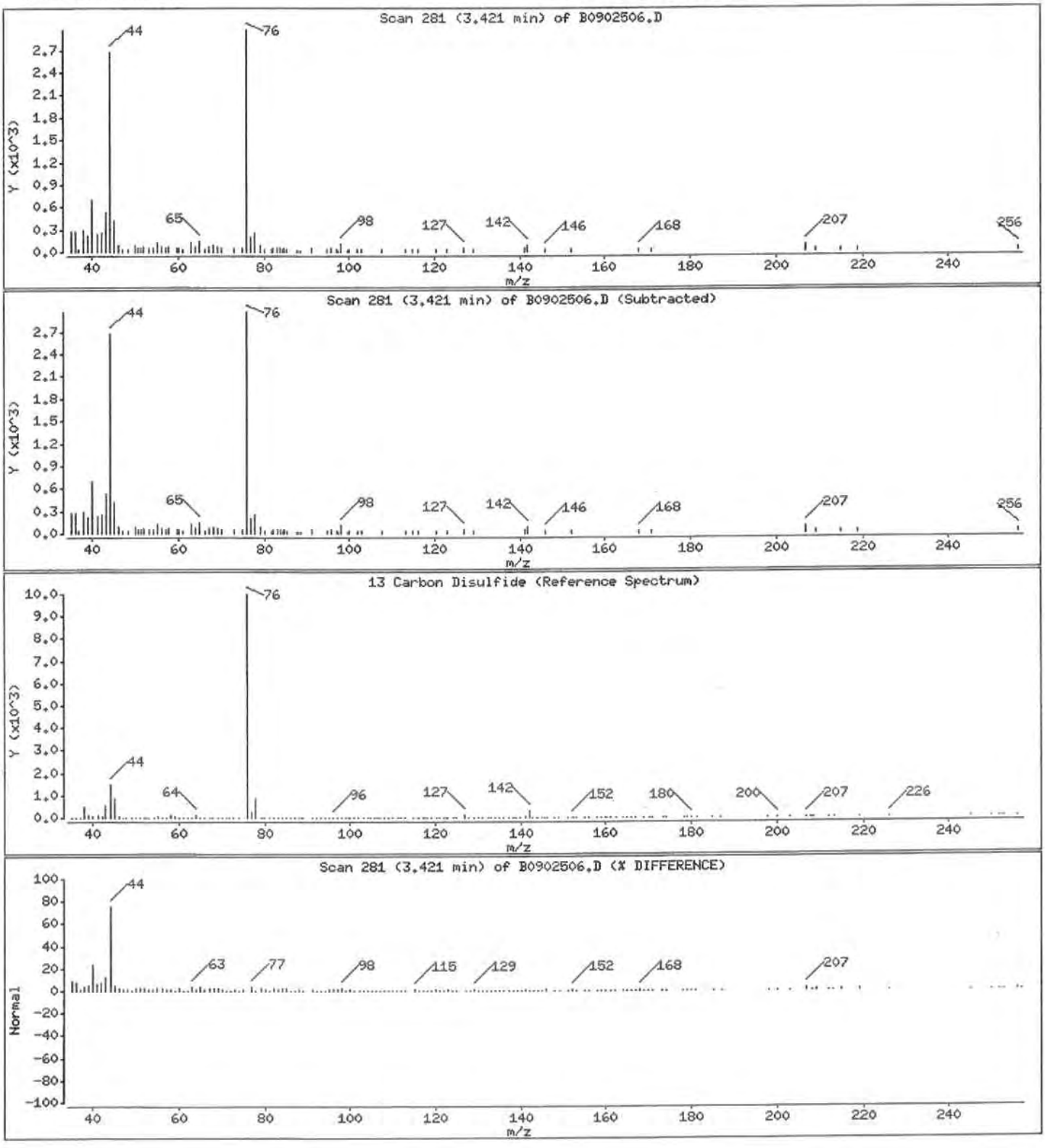
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

13 Carbon Disulfide

Concentration: 0.0687 ug/L



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902506.D

Date : 14-FEB-2007 15:56

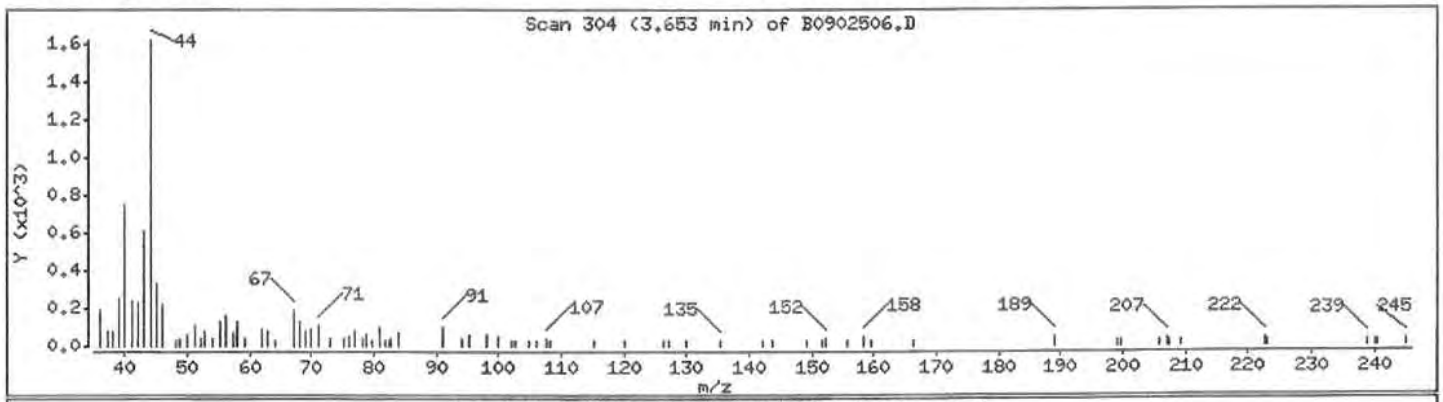
Client ID: Y34X4 Instrument: msd8.i

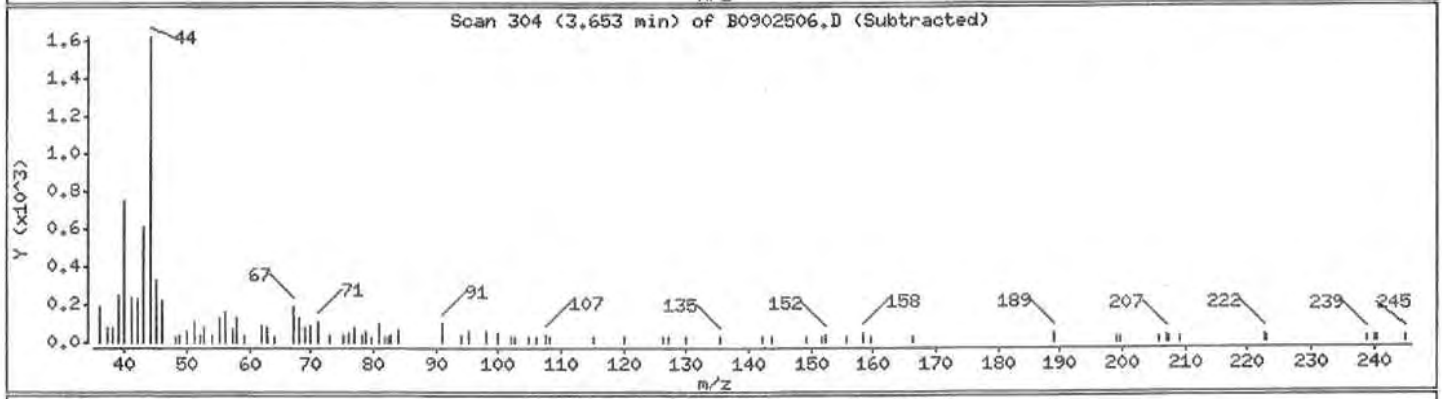
Sample Info: 8feb1407.b, IB09025-006

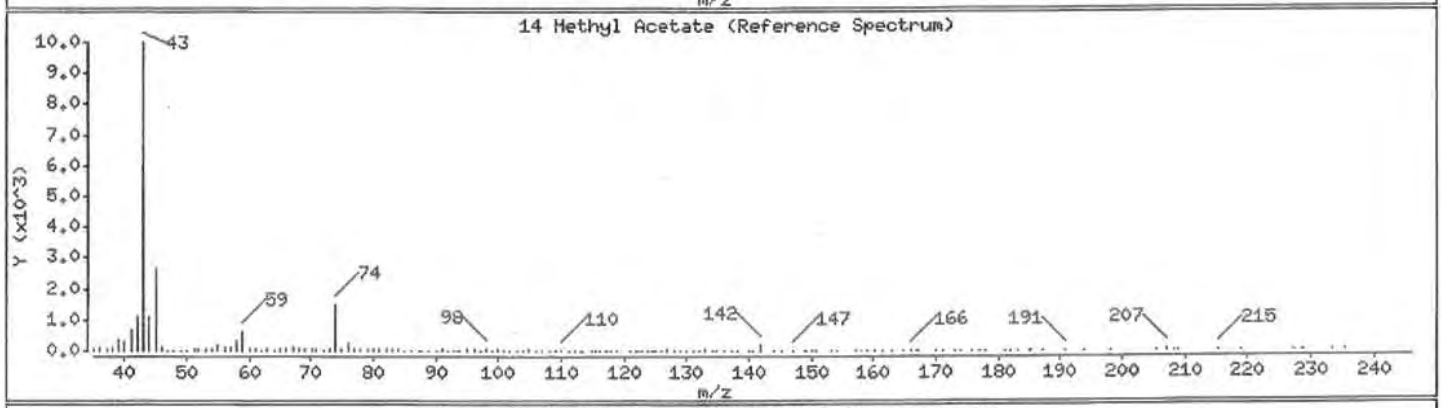
Purge Volume: 25.0 Operator: DLB

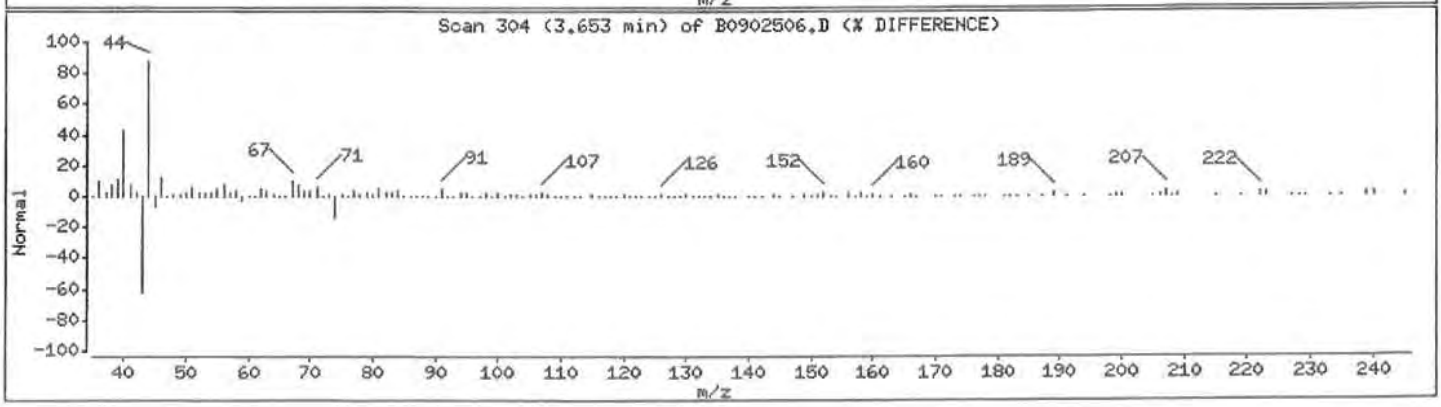
Column phase: DB-624 Column diameter: 0.25

14 Methyl Acetate Concentration: 0.0735 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902506.D

Date : 14-FEB-2007 15:56

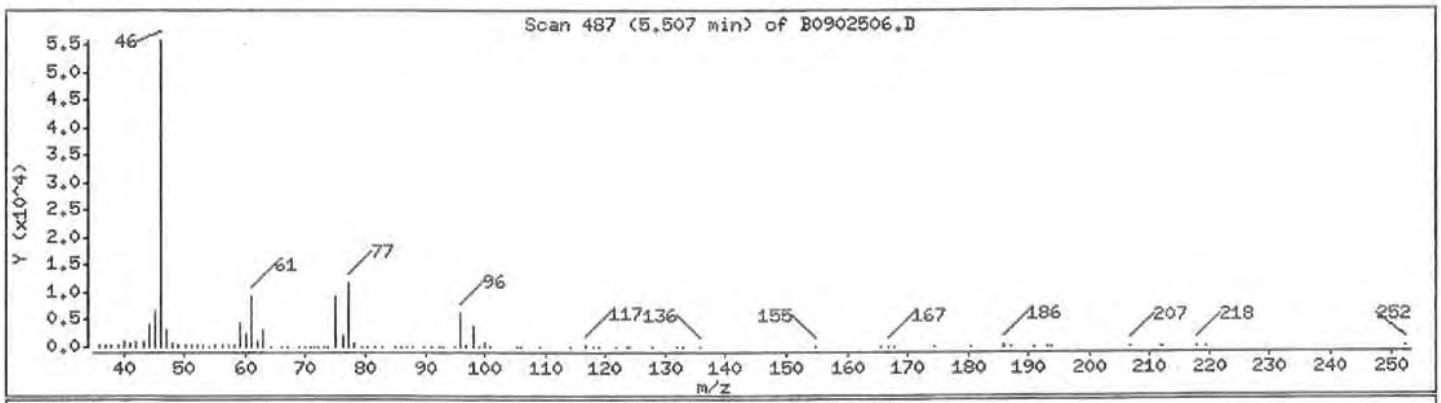
Client ID: Y34X4 Instrument: msd8.i

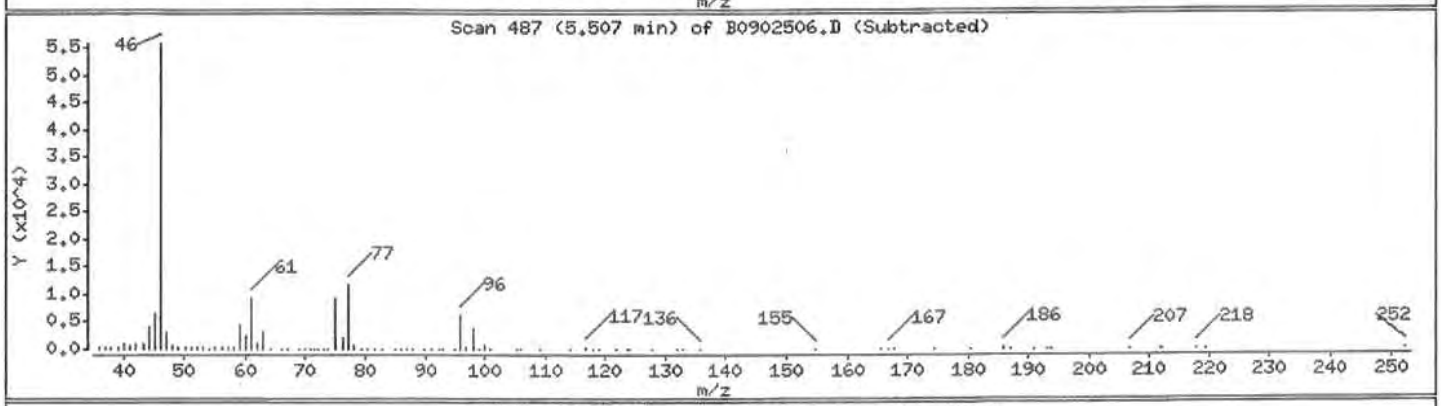
Sample Info: 8feb1407.b, IB09025-006

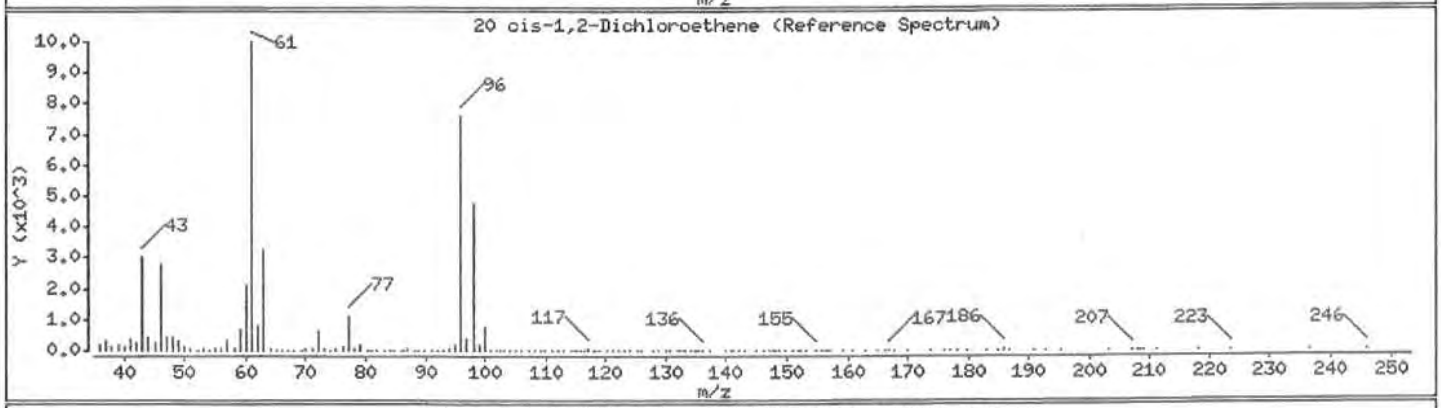
Purge Volume: 25.0 Operator: DLB

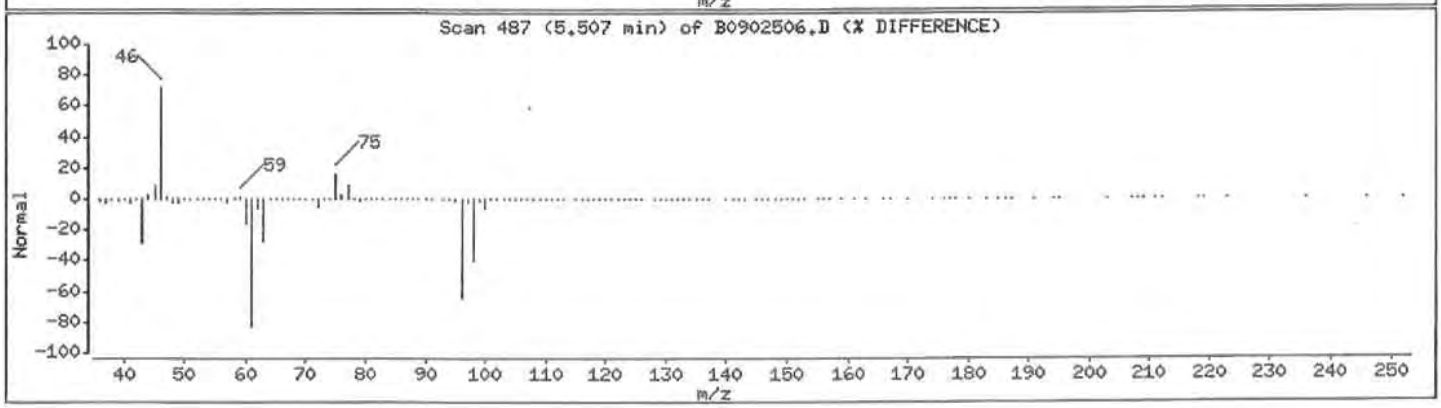
Column phase: DB-624 Column diameter: 0.25

20 cis-1,2-Dichloroethene Concentration: 0.4074 ug/L









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Date : 14-FEB-2007 15:56

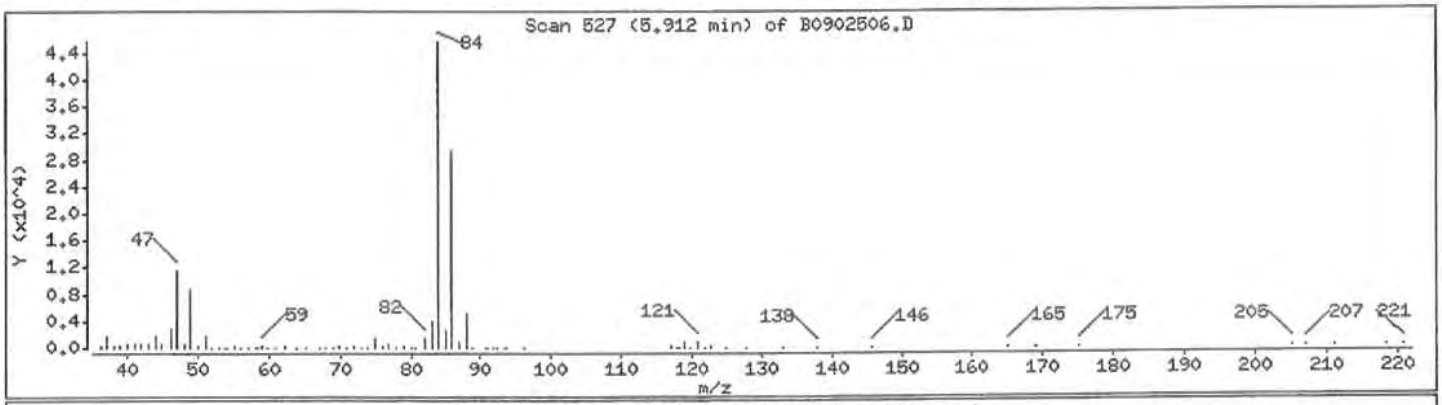
Client ID: Y34X4 Instrument: msd8.i

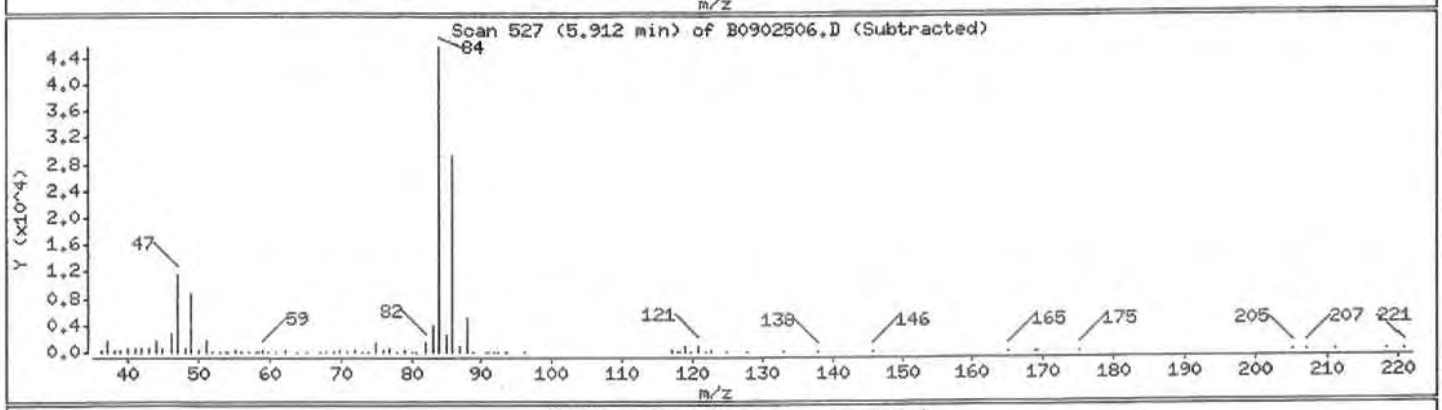
Sample Info: 8feb1407.b, IB09025-006

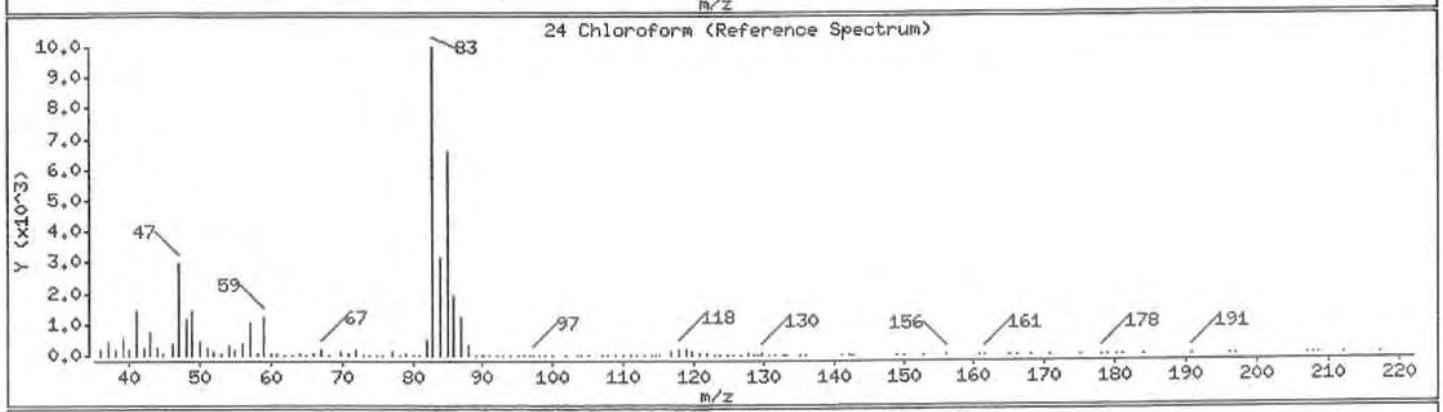
Purge Volume: 25.0 Operator: DLB

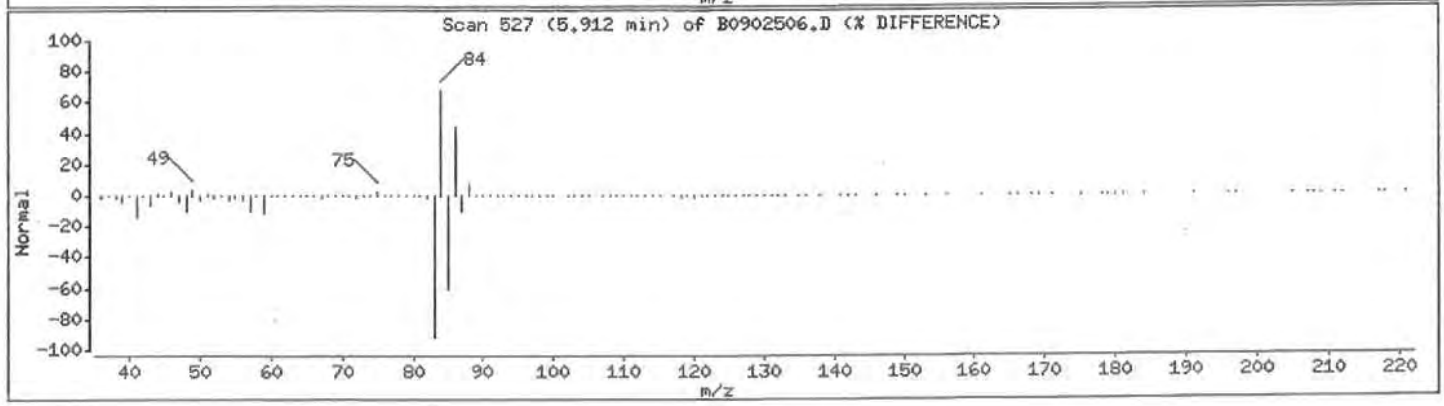
Column phase: DB-624 Column diameter: 0.25

24 Chloroform Concentration: 0.1526 ug/L









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Date : 14-FEB-2007 15:56

Client ID: Y34X4

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-006

Purge Volume: 25.0

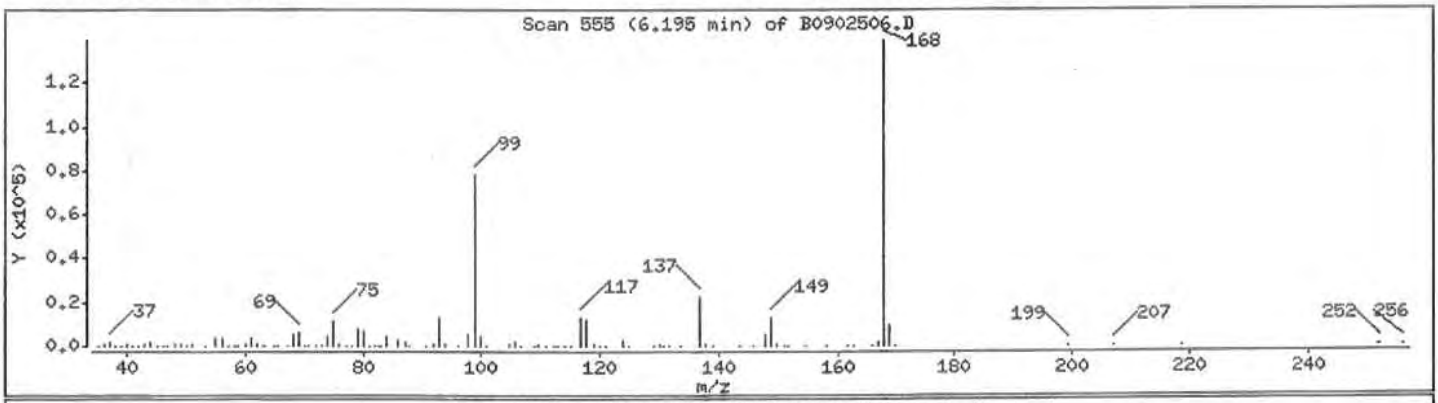
Operator: DLB

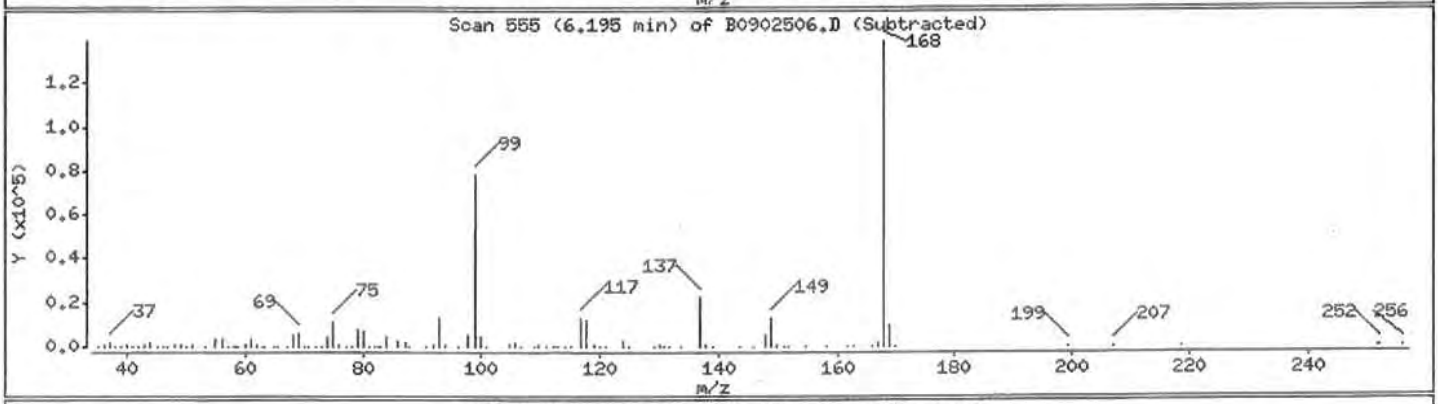
Column phase: DB-624

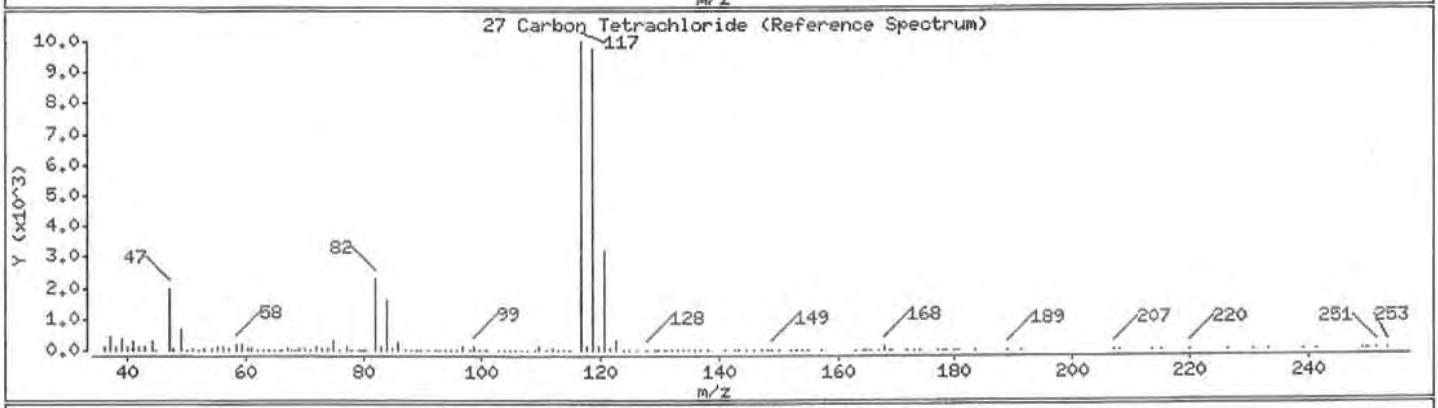
Column diameter: 0.25

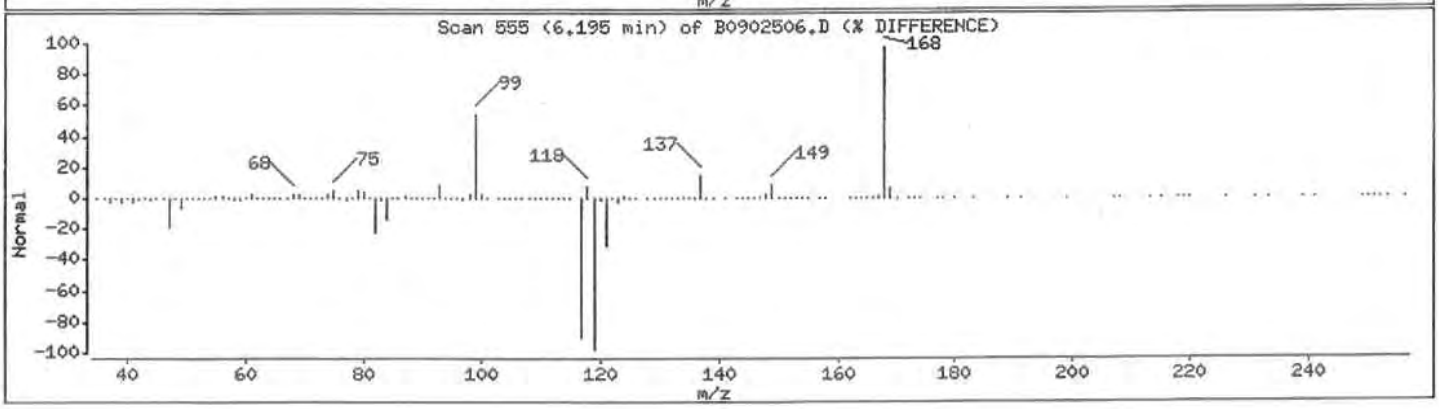
27 Carbon Tetrachloride

Concentration: 0.7421 ug/L









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Date : 14-FEB-2007 15:56

Client ID: Y34X4

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-006

Purge Volume: 25.0

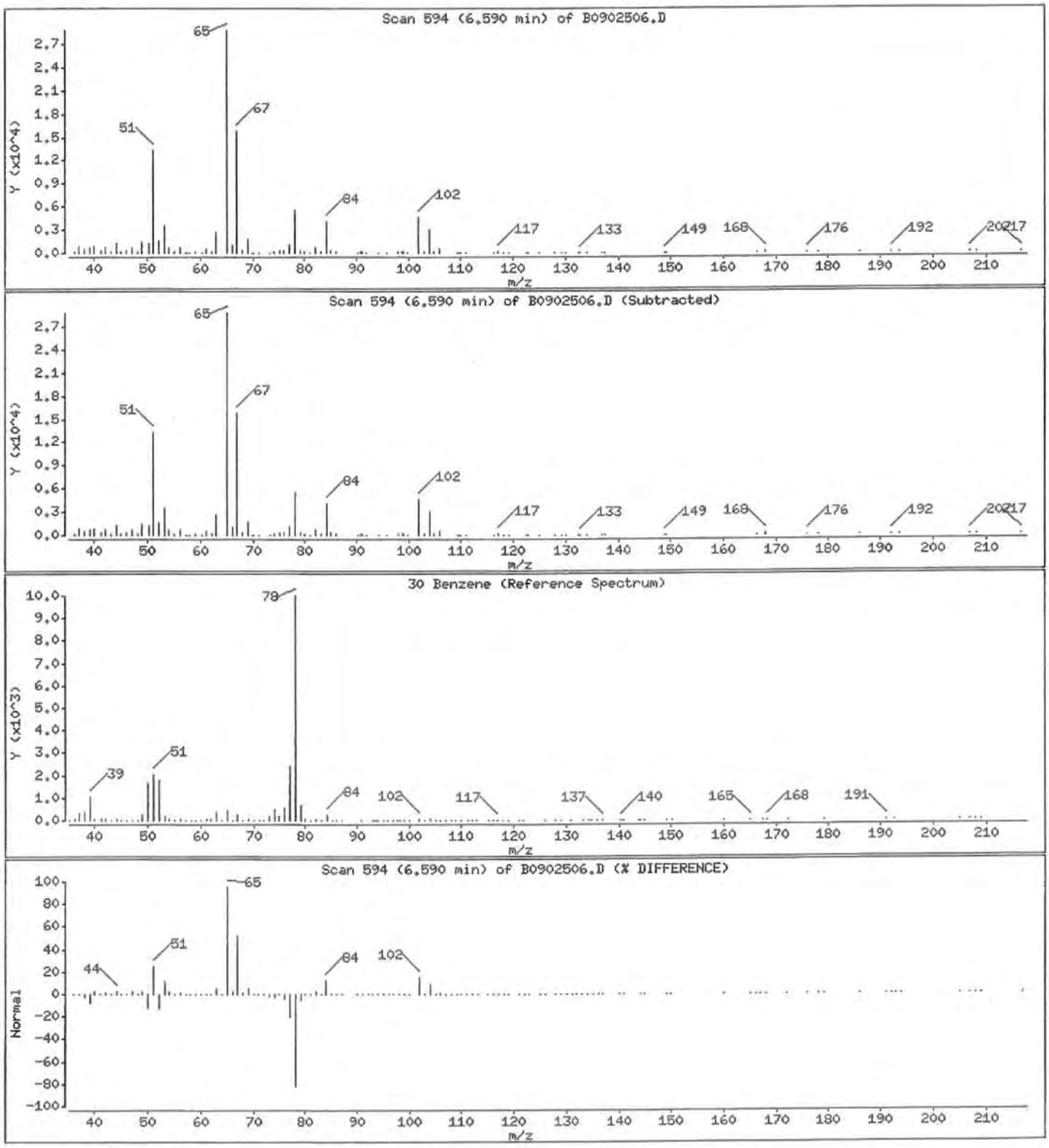
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

30 Benzene

Concentration: 0.0852 ug/L



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Date : 14-FEB-2007 15:56

Client ID: Y34X4

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-006

Purge Volume: 25.0

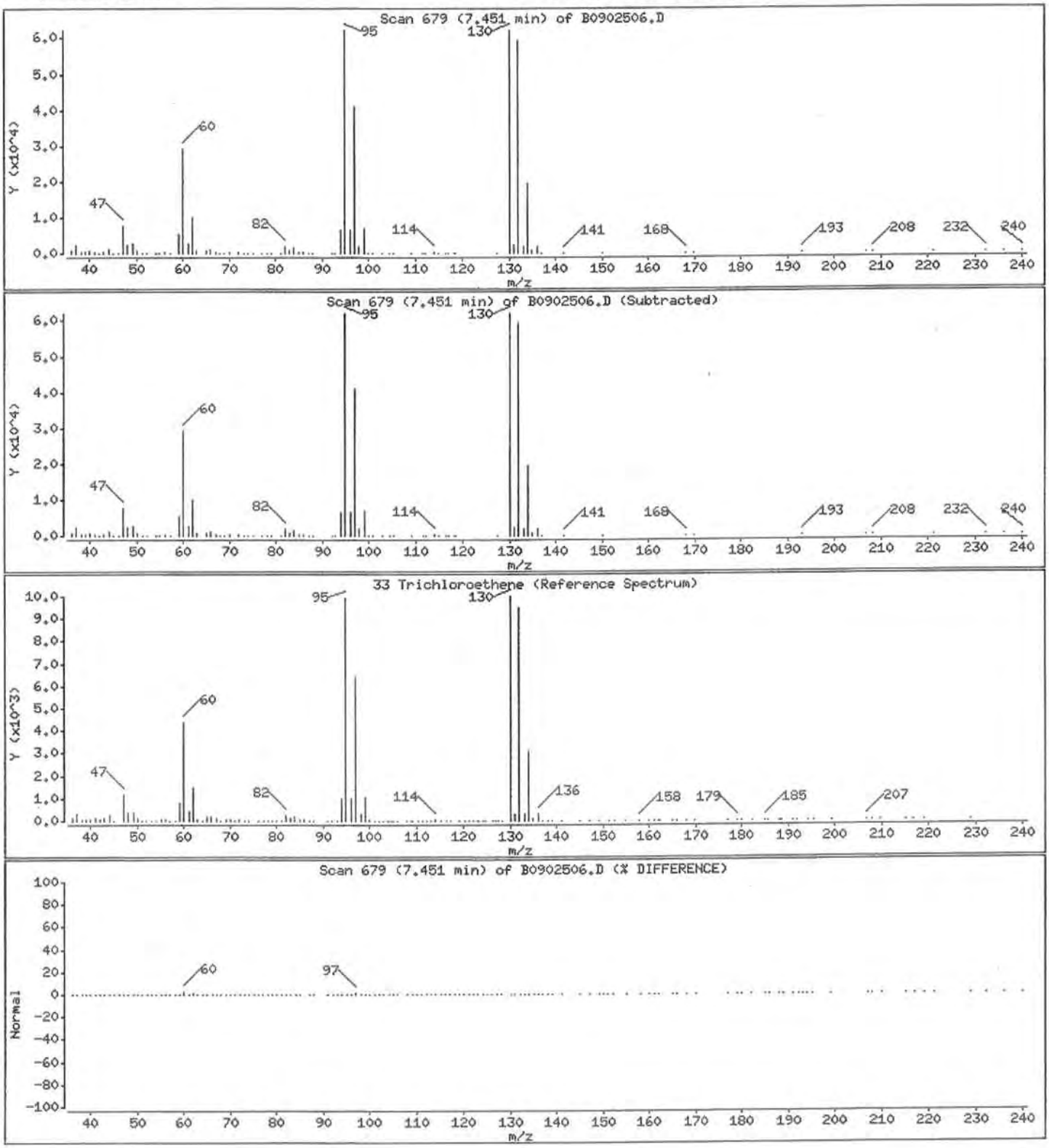
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

33 Trichloroethene

Concentration: 4.0412 ug/L



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Date : 14-FEB-2007 15:56

Client ID: Y34X4

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-006

Purge Volume: 25.0

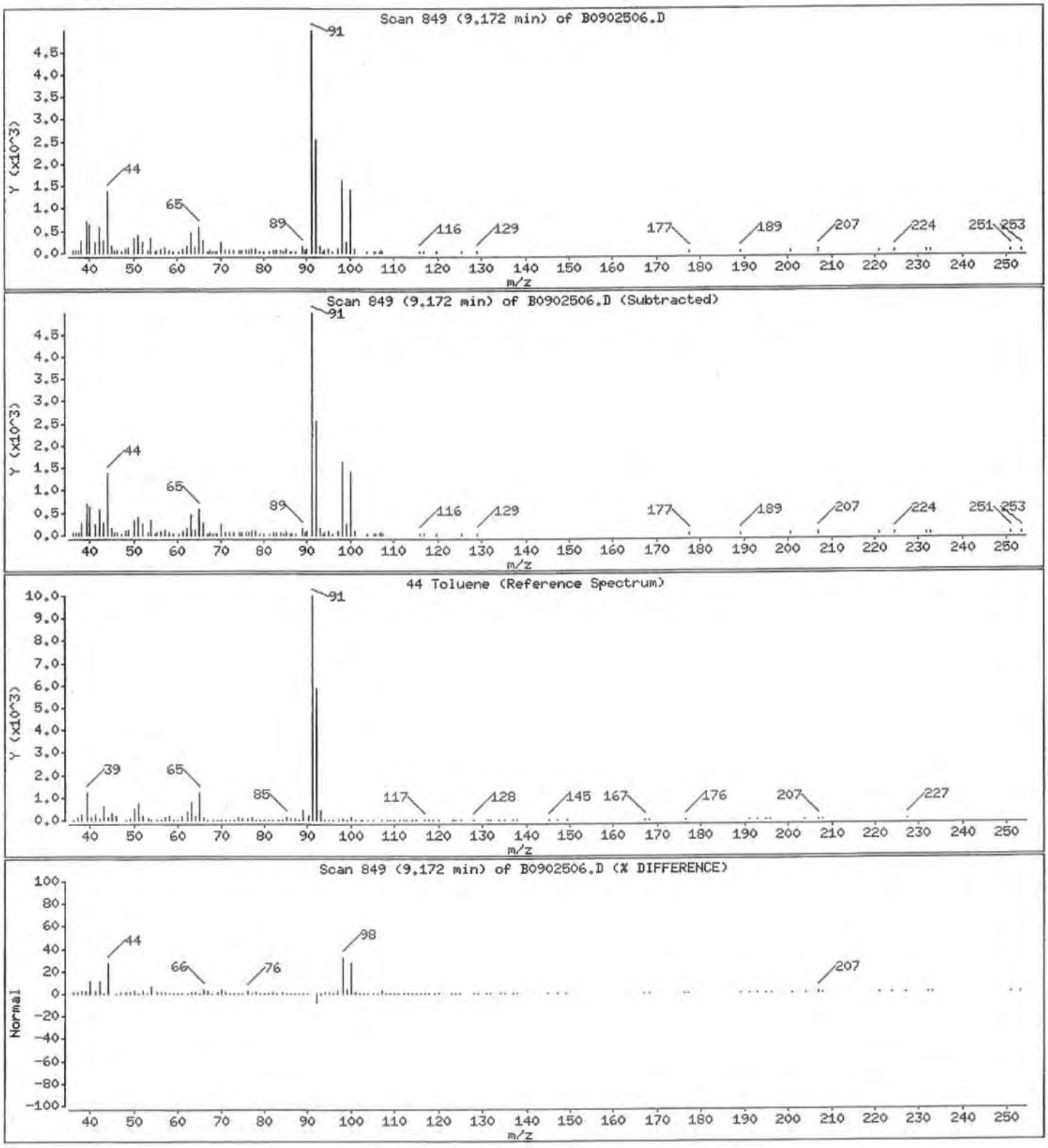
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

44 Toluene

Concentration: 0.0677 ug/L



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902506.D

Date : 14-FEB-2007 15:56

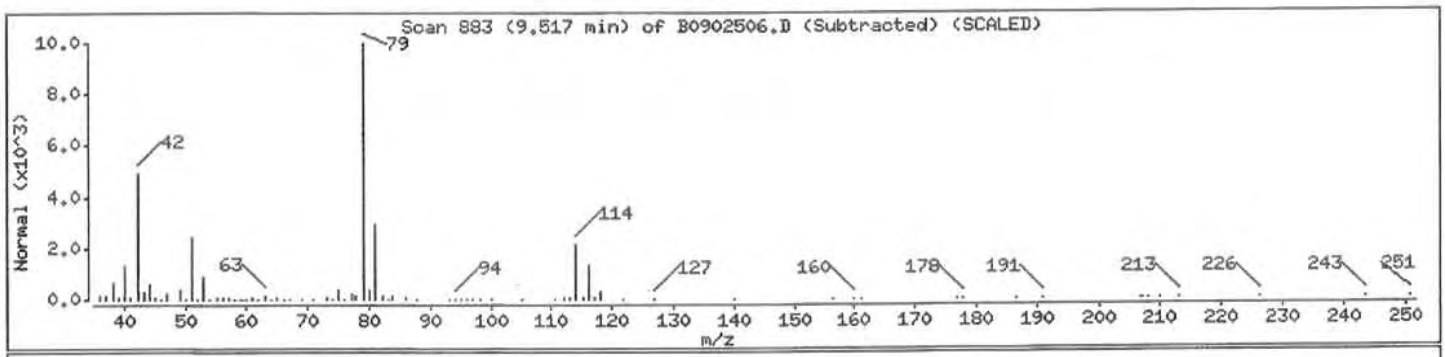
Client ID: Y34X4 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-006

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34X5

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-007

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902507

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	3.0	JB
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	3.0	J
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.068	JB
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34X5

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-007

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902507

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.27	J
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.10	J
179601-23-1	m,p-Xylene	0.21	J
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34X5

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-007

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902507

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
Y34X5

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-007

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902507

Level: (TRACE or LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	9.516	0.71	J
02		Unknown-02	12.240	0.70	JB
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0902507.D
Lab Smp Id: IB09025-007 Client Smp ID: Y34X5
Inj Date : 14-FEB-2007 16:18
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB09025-007
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 58
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
1	Dichlorodifluoromethane	85	Compound Not Detected.					
2	Chloromethane	50	Compound Not Detected.					
$ 3	Vinyl Chloride-d3	65	1.911	1.921	(0.267)	124440	4.96197	4.9619
4	Vinyl Chloride	62	Compound Not Detected.					
5	Bromomethane	94	Compound Not Detected.					
$ 6	Chloroethane-d5	69	2.336	2.336	(0.327)	112069	4.90974	4.9097
7	Chloroethane	64	Compound Not Detected.					
8	Trichlorofluoromethane	101	Compound Not Detected.					
$ 9	1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	283164	4.38566	4.3856
11	1,1-Dichloroethene	96	Compound Not Detected.					
10	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
12	Acetone	43	3.288	3.288	(0.460)	10743	2.97739	2.9773(a)
13	Carbon Disulfide	76	Compound Not Detected.					
14	Methyl Acetate	43	Compound Not Detected.					
15	Methylene Chloride	84	Compound Not Detected.					
16	Methyl tert-Butyl Ether	73	Compound Not Detected.					
17	trans-1,2-Dichloroethene	96	Compound Not Detected.					
18	1,1-Dichloroethane	63	Compound Not Detected.					
$ 19	2-Butanone-d5	46	5.455	5.466	(0.763)	487145	50.3520	50.3520(Q)
20	cis-1,2-Dichloroethene	96	Compound Not Detected.					
21	2-Butanone	43	5.557	5.547	(0.778)	29652	2.97894	2.9789(a)
22	Bromochloromethane	128	Compound Not Detected.					
$ 23	Chloroform-d	84	5.881	5.881	(0.823)	331583	5.42705	5.4270(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	24 Chloroform	83	5.911	5.911	(0.827)	4343	0.06758	0.0675(aQH)
	25 1,1,1-Trichloroethane	97	Compound Not Detected.					
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon Tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	174465	5.59093	5.5909(Q)
$	29 Benzene-d6	84	6.529	6.529	(0.608)	721423	5.51972	5.5197
	30 Benzene	78	Compound Not Detected.					
	31 1,2-Dichloroethane	62	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	7.146	7.146	(1.000)	566062	5.00000	
	33 Trichloroethene	95	Compound Not Detected.					
$	34 1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	233284	5.49090	5.4908
	35 Methylcyclohexane	83	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
$	39 1,4-Dioxane-d8	96	7.936	7.916	(1.111)	27099	226.604	226.6042(Q)
	38 1,4-Dioxane	88	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
$	40 trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	111839	4.60458	4.6045
	41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	43 Toluene-d8	98	9.080	9.081	(0.846)	651322	5.48724	5.4872
	44 Toluene	91	9.172	9.172	(0.855)	41745	0.26879	0.2687(a)
	45 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	46 1,1,2-Trichloroethane	97	Compound Not Detected.					
	47 Tetrachloroethene	164	Compound Not Detected.					
$	48 2-Hexanone-d5	63	9.961	9.962	(0.928)	577356	50.4987	50.4987
	49 2-Hexanone	43	Compound Not Detected.					
	50 Dibromochloromethane	129	Compound Not Detected.					
	51 1,2-Dibromoethane	107	Compound Not Detected.					
*	52 Chlorobenzene-d5	117	10.731	10.731	(1.000)	516750	5.00000	
	53 Chlorobenzene	112	Compound Not Detected.					
	54 Ethylbenzene	91	Compound Not Detected.					
	55 m+p-Xylenes	106	10.944	10.944	(1.020)	14559	0.21337	0.2133(a)
	56 o-Xylene	106	11.318	11.318	(1.055)	6840	0.10265	0.1026(a)
	57 Styrene	104	Compound Not Detected.					
	58 Bromoform	173	Compound Not Detected.					
	59 Isopropylbenzene	105	Compound Not Detected.					
$	60 1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	151528	4.70083	4.7008
	61 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	62 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	63 1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	238140	5.00000	
	64 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	65 1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	214563	5.22698	5.2269
	66 1,2-Dichlorobenzene	146	Compound Not Detected.					
	67 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
	68 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	69 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
	72 tert-butyl alcohol	59	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0902507.D
Lab Smp Id: IB09025-007 Client Smp ID: Y34X5
Inj Date : 14-FEB-2007 16:18
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB09025-007
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 58
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 52 Chlorobenzene-d5	10.732	1806484	5.000
* 63 1,4-Dichlorobenzene-d4	12.716	2993834	5.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
9.516	255086	0.70602765	0.7060	0		0	52
Unknown				CAS #:			
12.240	417928	0.69798150	0.6979	0		0	63

Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902507.D

Date : 14-FEB-2007 16:18

Client ID: Y34X5

Instrument: msd8.i

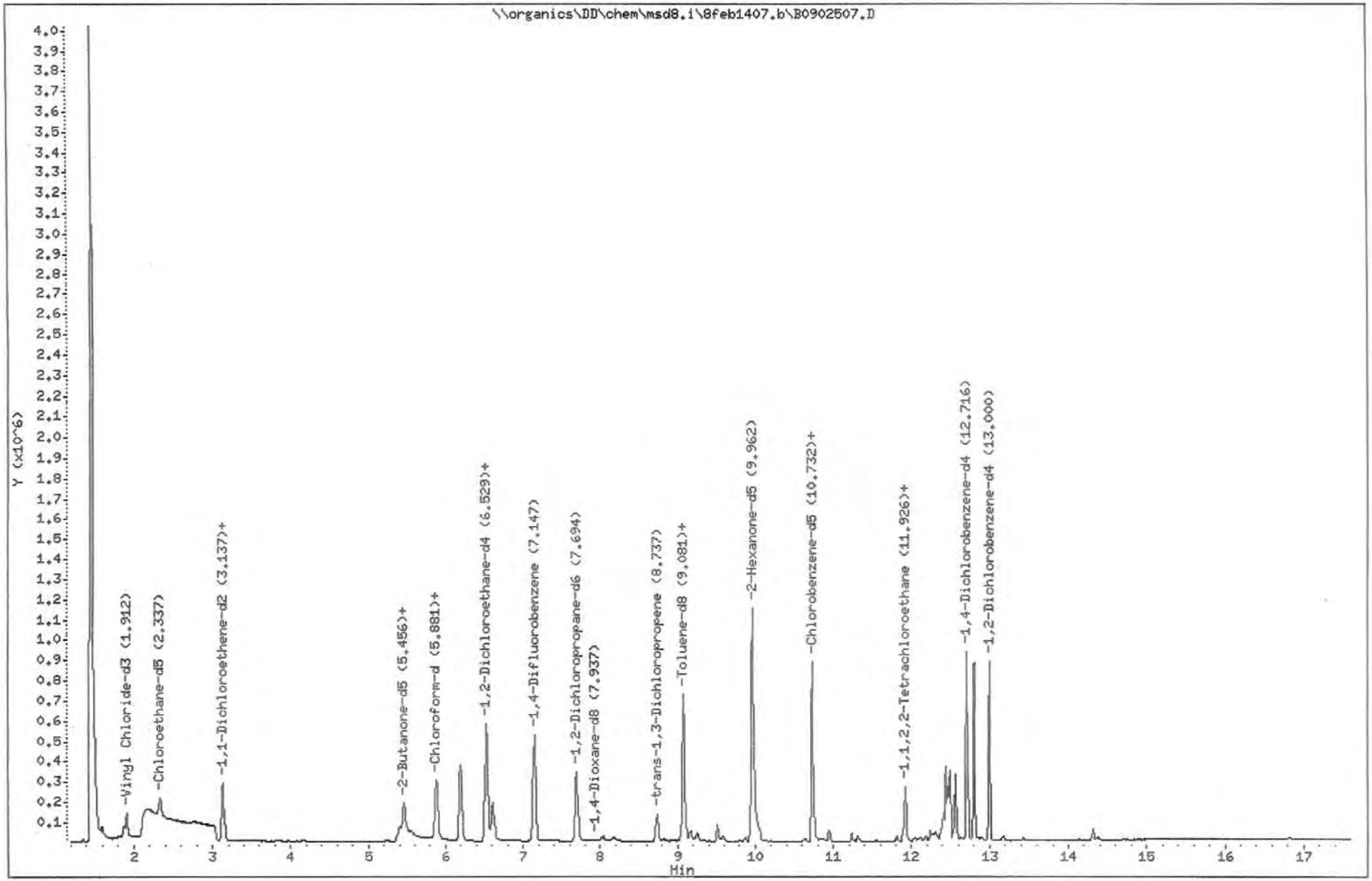
Sample Info: 8feb1407.b, IB09025-007

Purge Volume: 25.0

Operator: DLB

Column phase: DB-624

Column diameter: 0.25



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902507.D

Date : 14-FEB-2007 16:18

Client ID: Y34X5

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-007

Purge Volume: 25.0

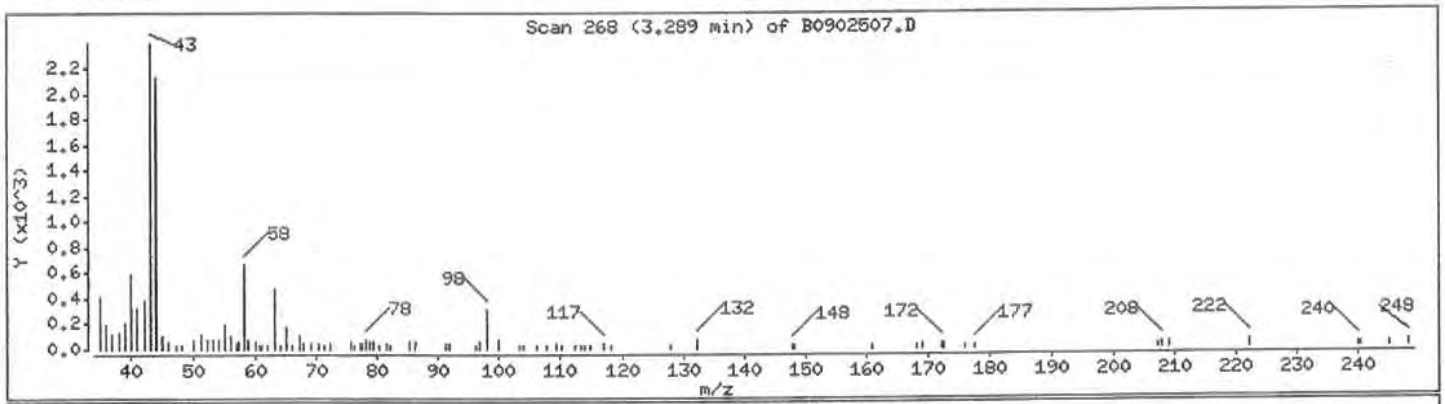
Operator: DLB

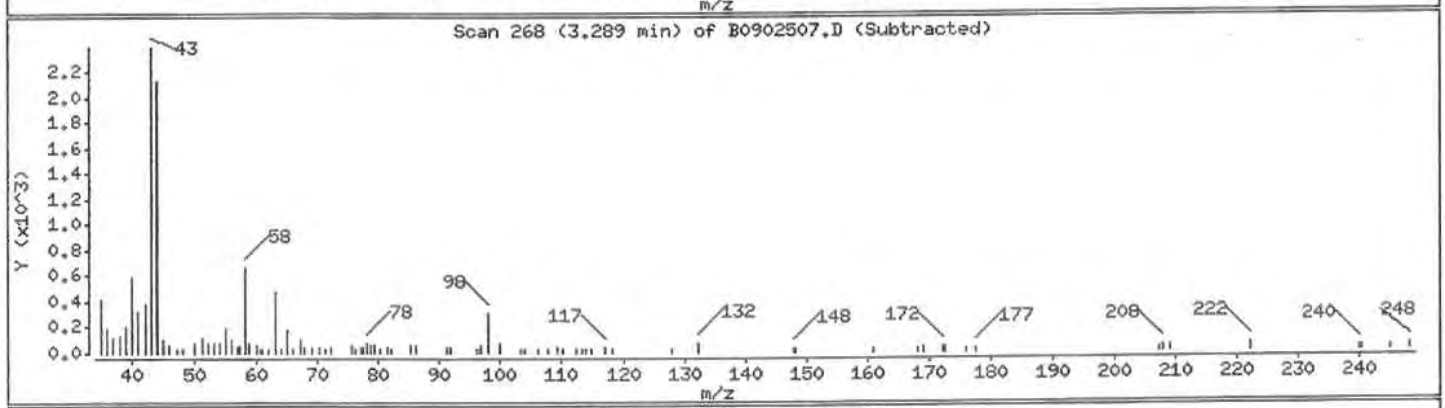
Column phase: DB-624

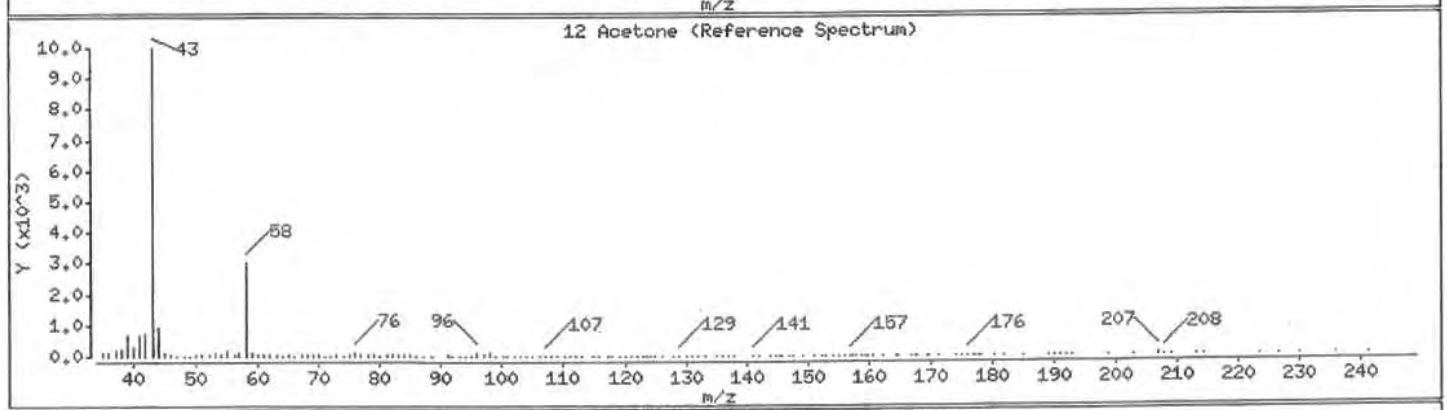
Column diameter: 0.25

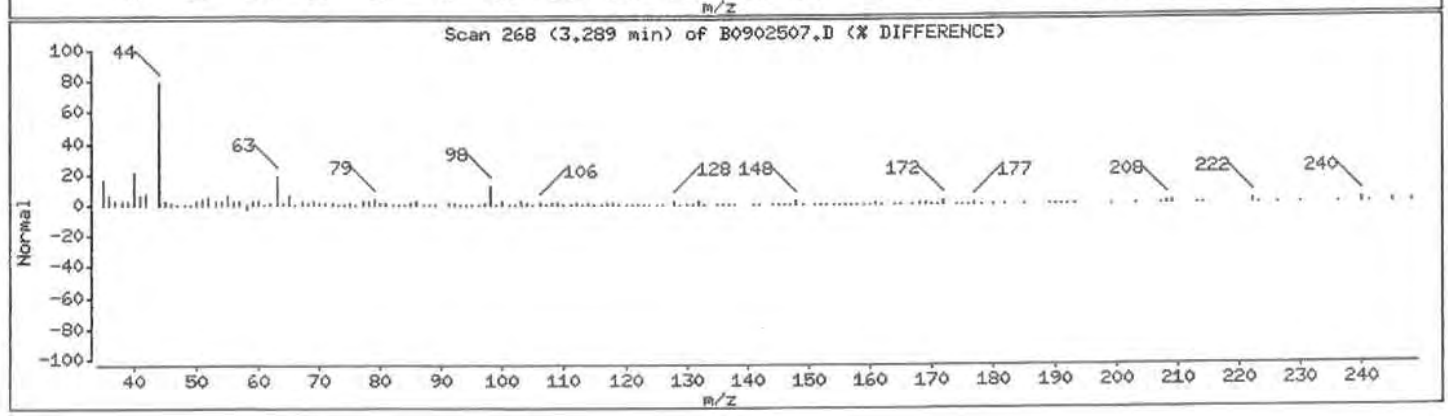
12 Acetone

Concentration: 2.9773 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902507.D

Date : 14-FEB-2007 16:18

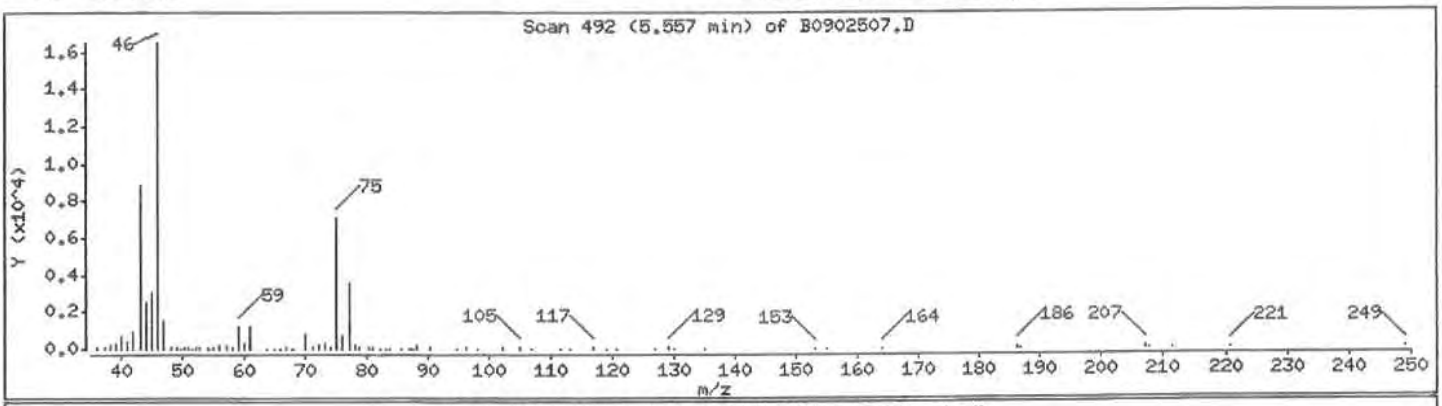
Client ID: Y34X5 Instrument: msd8.i

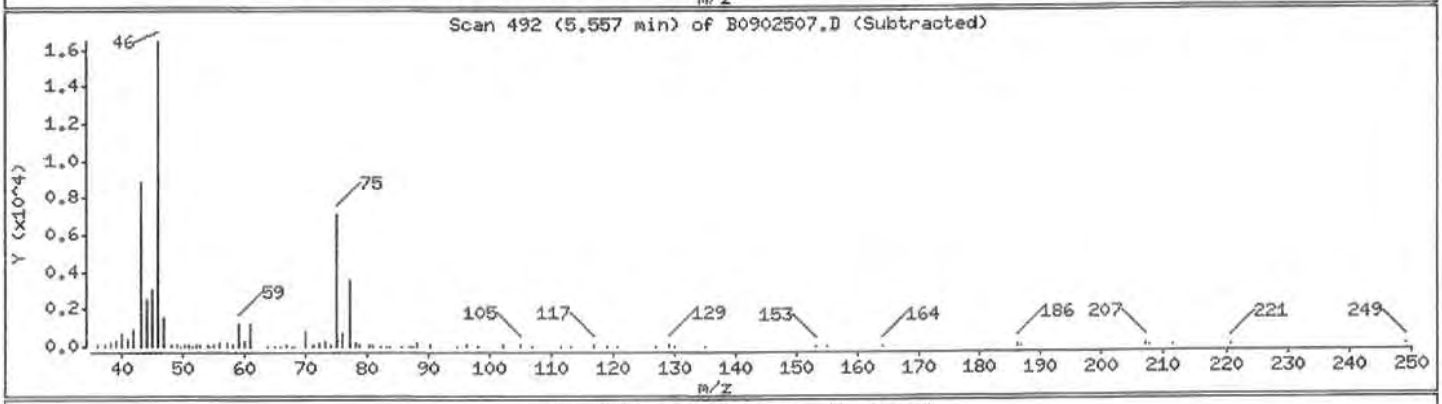
Sample Info: 8feb1407.b, IB09025-007

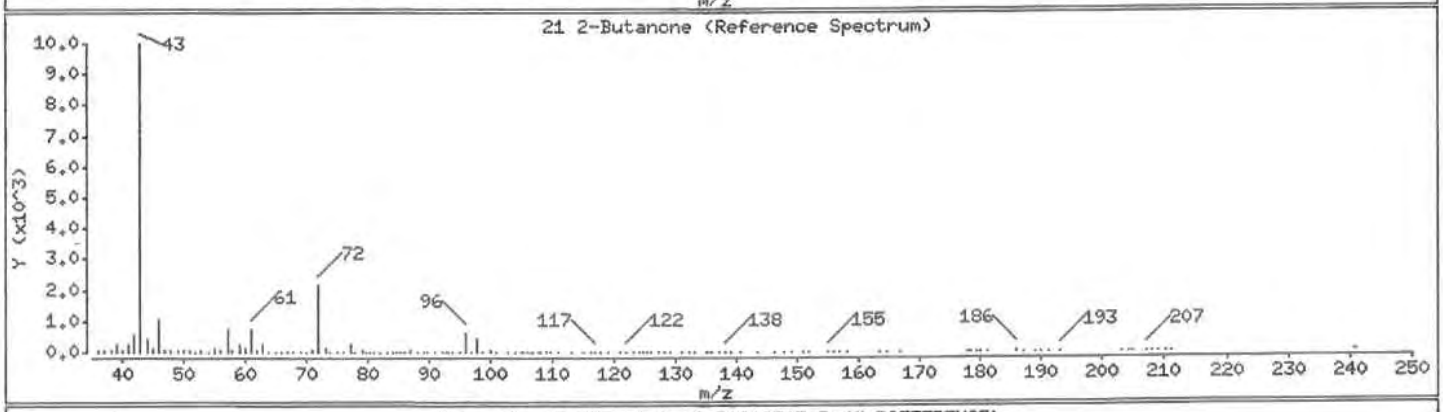
Purge Volume: 25.0 Operator: DLB

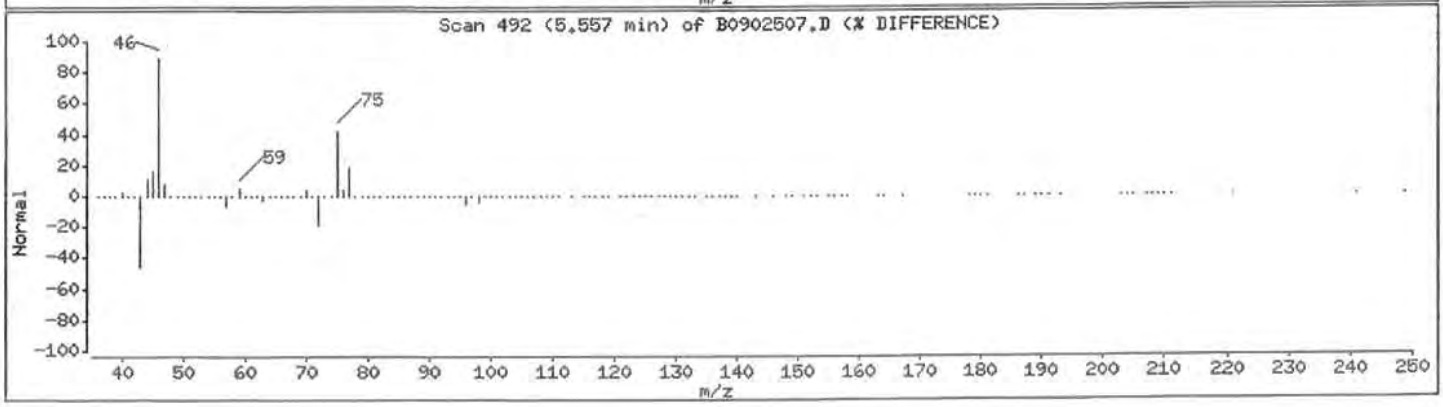
Column phase: DB-624 Column diameter: 0.25

21 2-Butanone Concentration: 2.9789 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902507.D

Date : 14-FEB-2007 16:18

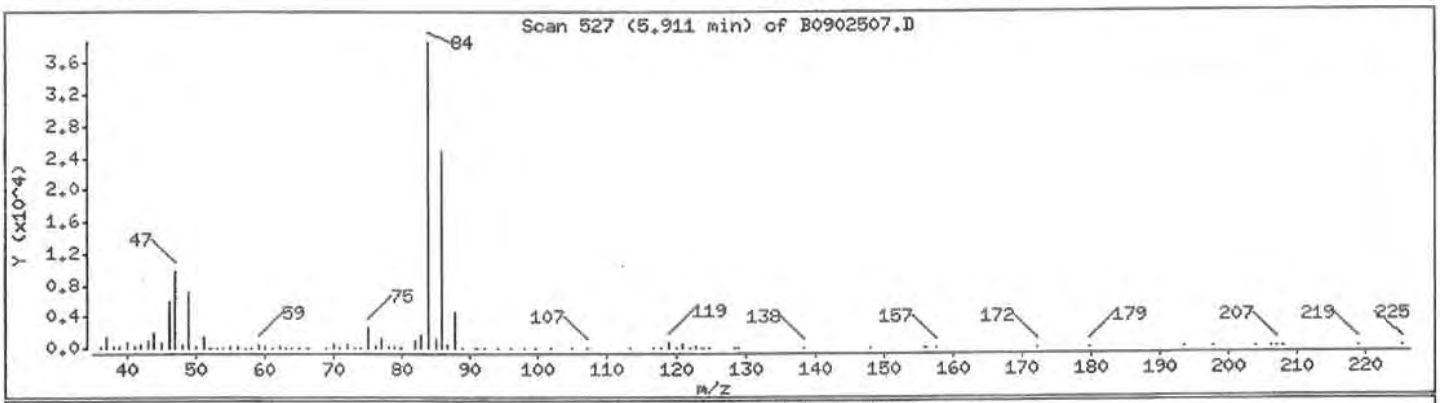
Client ID: Y34X5 Instrument: msd8.i

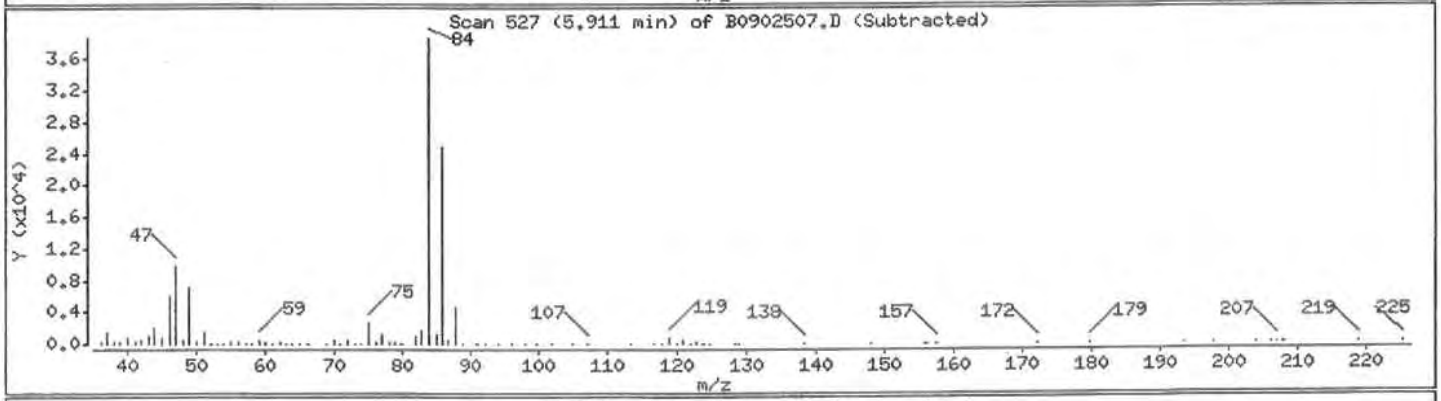
Sample Info: 8feb1407.b, IB09025-007

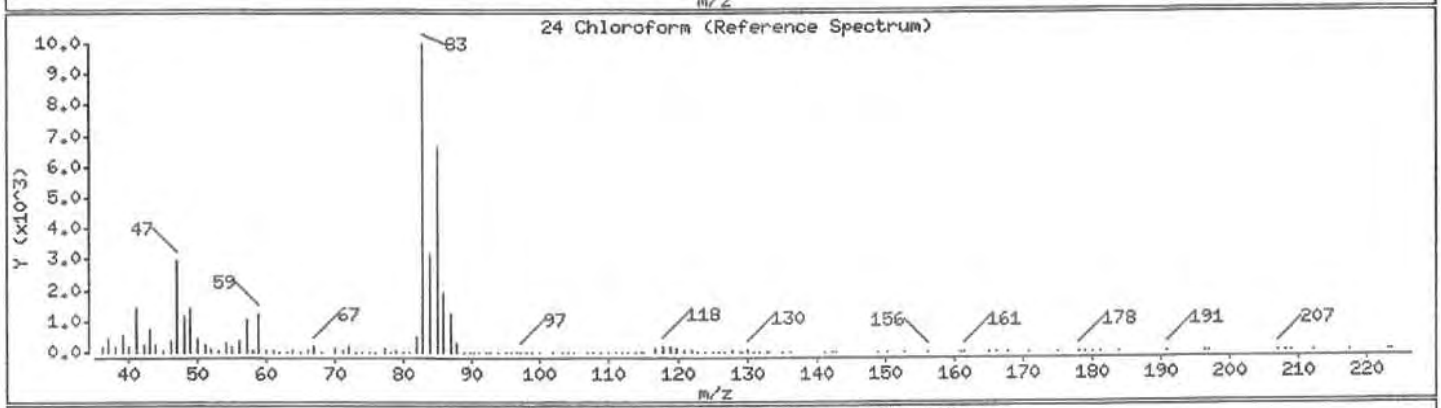
Purge Volume: 25.0 Operator: DLB

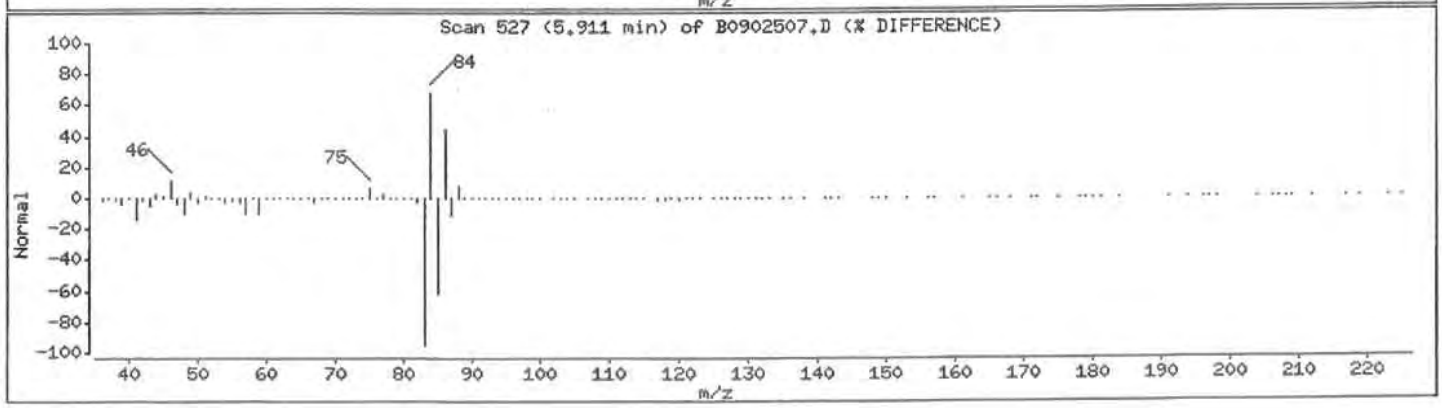
Column phase: DB-624 Column diameter: 0.25

24 Chloroform Concentration: 0.0675 ug/L









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Date : 14-FEB-2007 16:18

Client ID: Y34X5

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-007

Purge Volume: 25.0

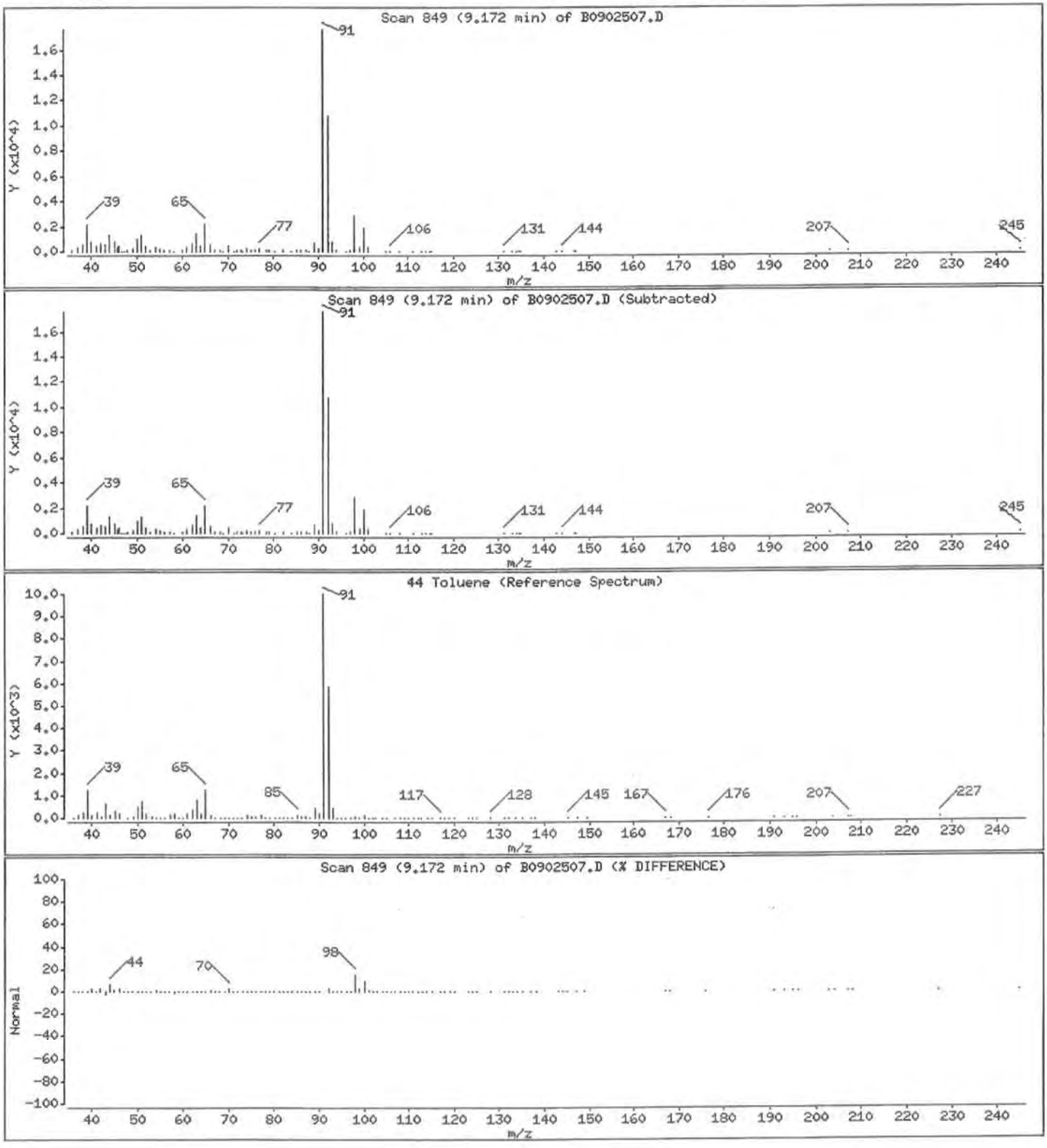
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

44 Toluene

Concentration: 0.2687 ug/L



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Date : 14-FEB-2007 16:18

Client ID: Y34X5

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-007

Purge Volume: 25.0

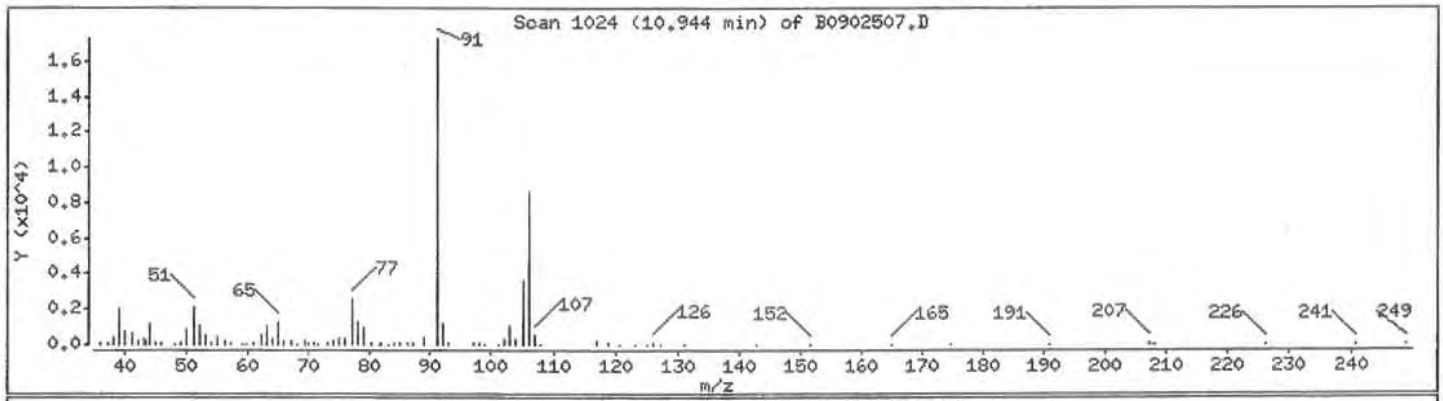
Operator: DLB

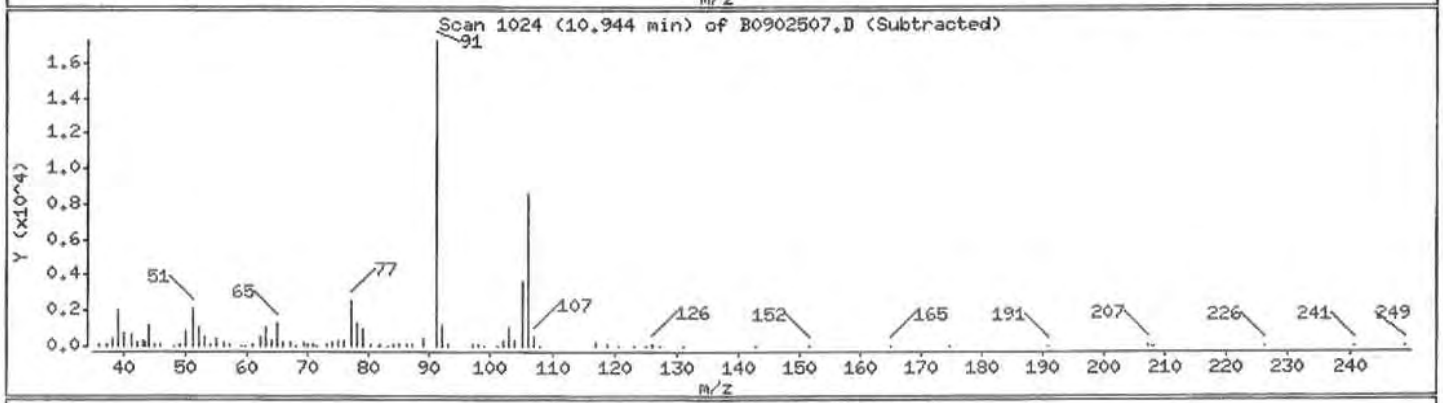
Column phase: DB-624

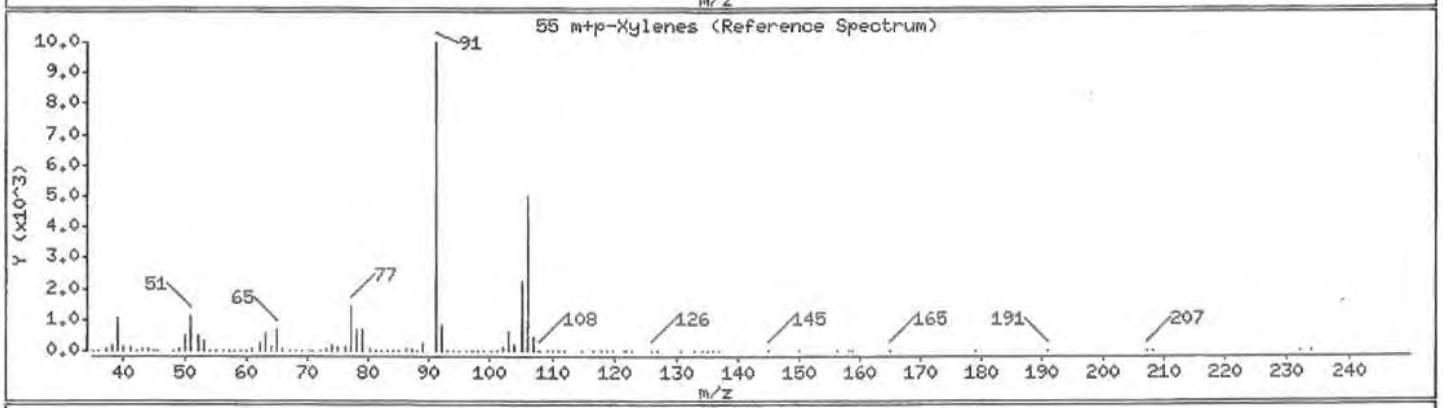
Column diameter: 0.25

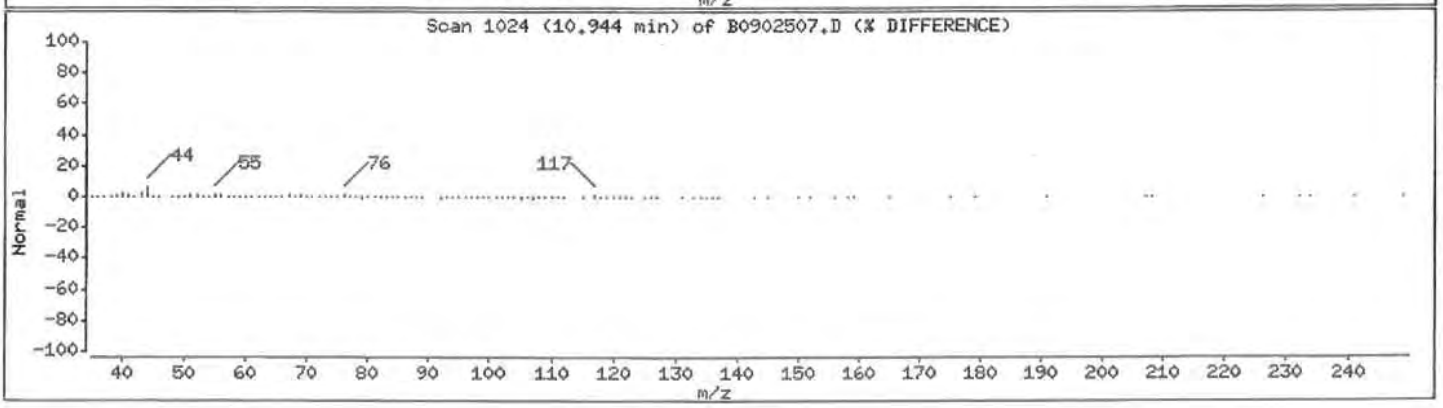
55 m+p-Xylenes

Concentration: 0.2133 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902507.D

Date : 14-FEB-2007 16:18

Client ID: Y34X5

Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-007

Purge Volume: 25.0

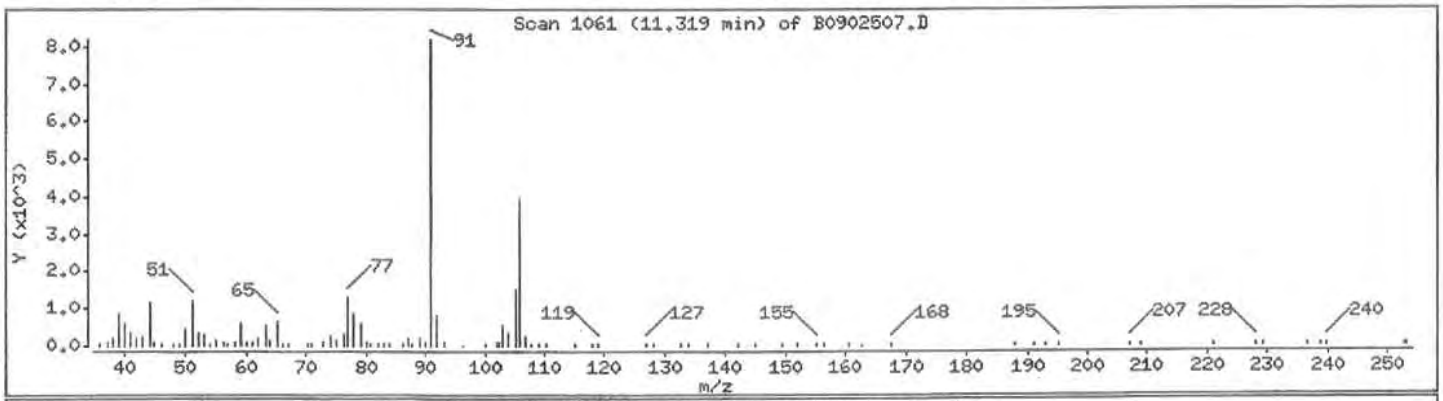
Operator: DLB

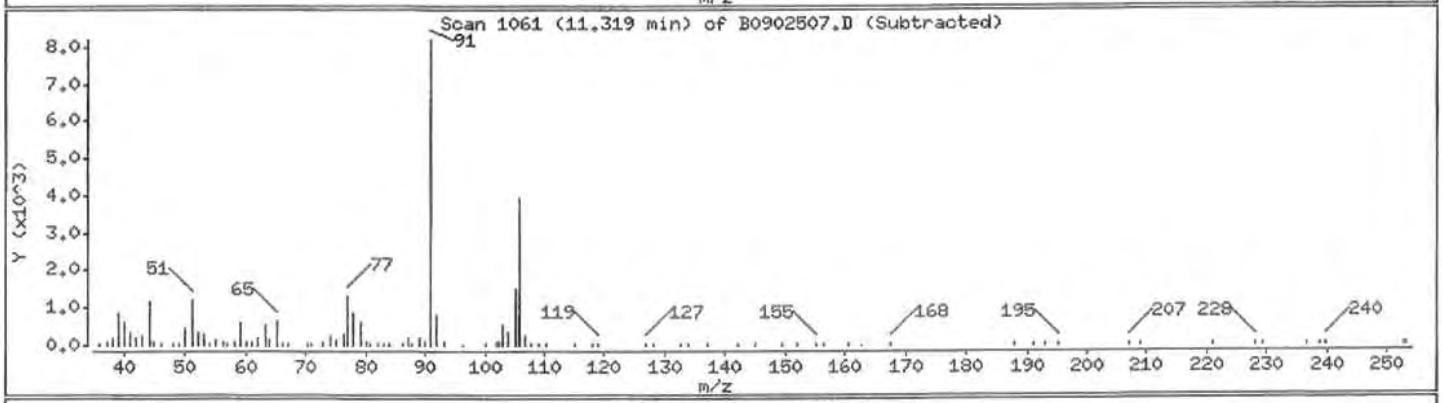
Column phase: DB-624

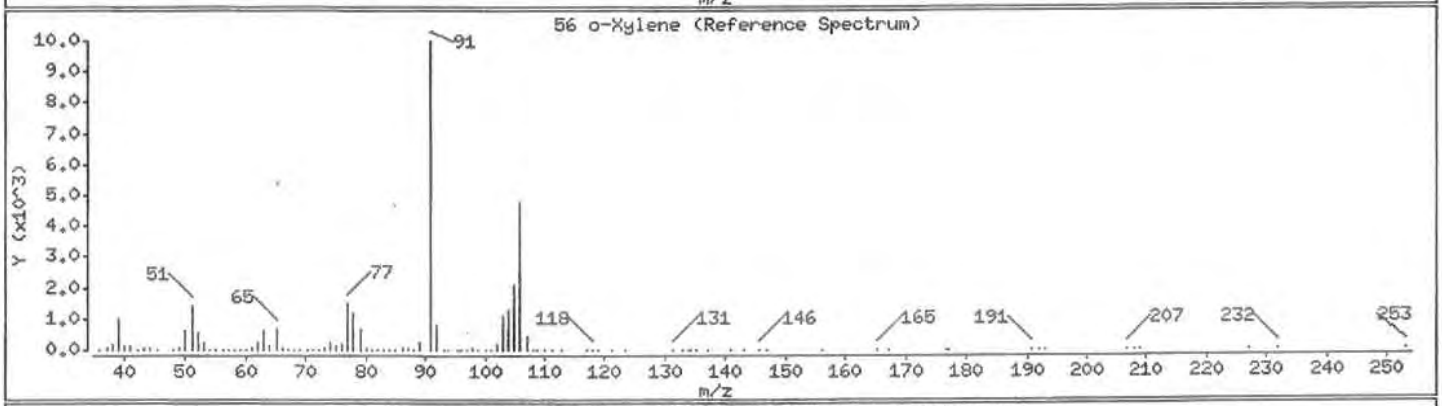
Column diameter: 0.25

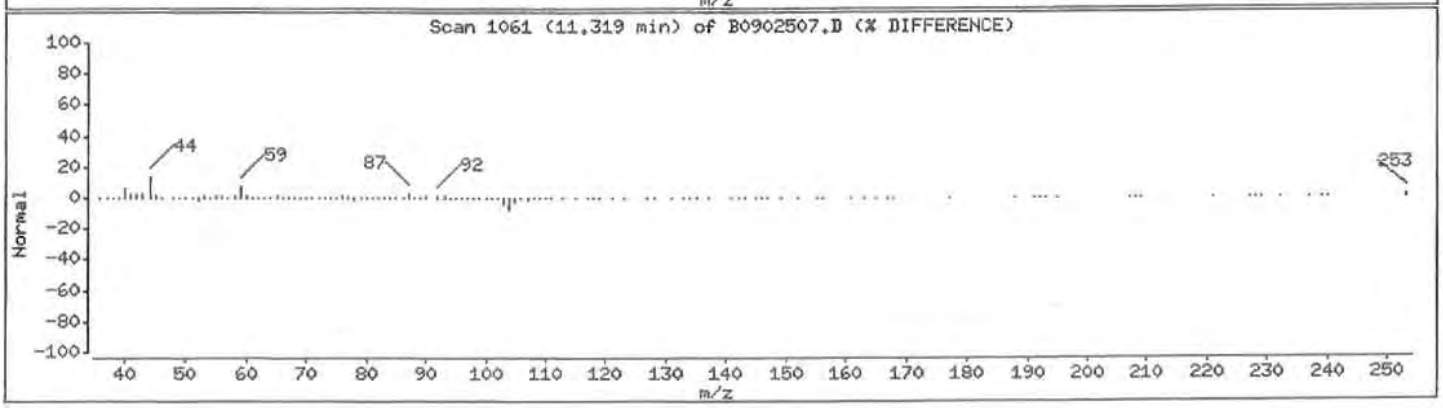
56 o-Xylene

Concentration: 0.1026 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902507.D

Date : 14-FEB-2007 16:18

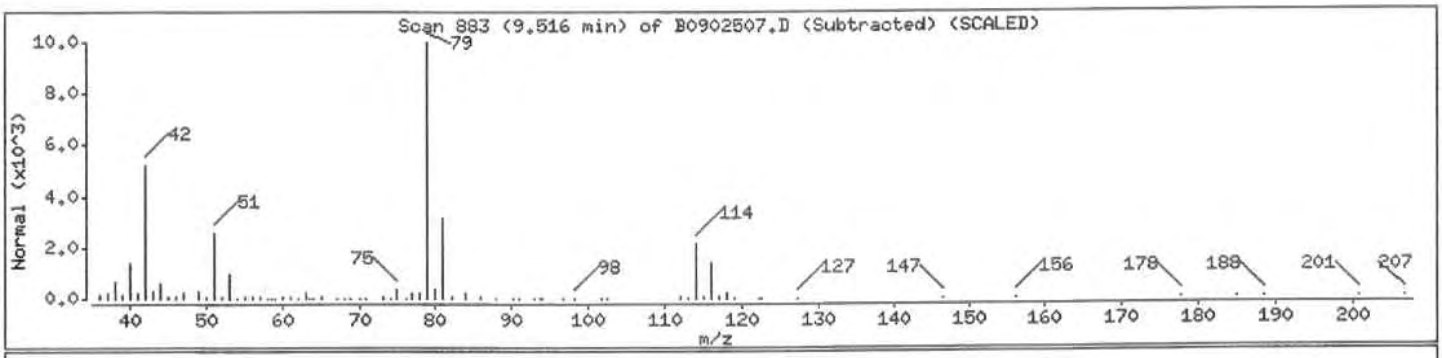
Client ID: Y34X5 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-007

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902507.D

Date : 14-FEB-2007 16:18

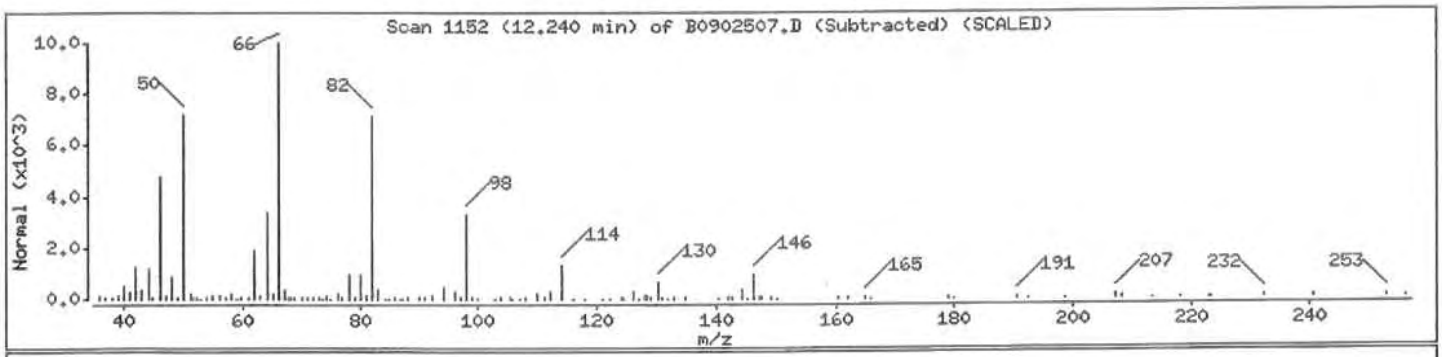
Client ID: Y34X5 Instrument: msd8.i

Sample Info: 8feb1407.b, IB09025-007

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



6A - FORM VI VOA-1
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date(s): 02/13/2007 02/13/2007

Heated Purge: (Y/N) Y Calibration Time(s): 1105 1236

Purge Volume: 25.0 (mL)

GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

LAB FILE ID: RRF 0.5 = ICL02131 RRF 1.0 = ICL02132
RRF 5.0 = ICL02133 RRF 10 = ICL02134 RRF 20 = ICL02135

COMPOUND	RRF 0.5	RRF 1.0	RRF 5.0	RRF 10	RRF 20	$\overline{RRF}$	%RSD
Dichlorodifluoromethane	0.1628	0.2403	0.2262	0.2553	0.2910	0.2351	20.0
Chloromethane	0.4041	0.4409	0.3644	0.3930	0.4453	0.4095	8.3
Vinyl chloride	0.2947	0.3398	0.2984	0.3227	0.3818	0.3275	10.9
Bromomethane	0.1929	0.2255	0.1826	0.1984	0.2003	0.1999	7.9
Chloroethane	0.1769	0.2041	0.1677	0.1760	0.1829	0.1815	7.6
Trichlorofluoromethane	0.2747	0.3580	0.3078	0.3266	0.3507	0.3236	10.4
1,1-Dichloroethene	0.2465	0.2861	0.2552	0.2506	0.2988	0.2675	8.8
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0251	0.0325	0.0260	0.0273	0.0293	0.0280	10.6
Acetone	0.0266	0.0255	0.0298	0.0346	0.0429	0.0319	22.2
Carbon disulfide	0.8538	1.0014	0.8610	0.8478	1.0473	0.9223	10.3
Methyl acetate	0.1962	0.2081	0.2256	0.2186	0.3167	0.2331	20.6
Methylene chloride	0.3177	0.3265	0.2908	0.2999	0.3497	0.3169	7.3
trans-1,2-Dichloroethene	0.3062	0.3432	0.2952	0.2973	0.3391	0.3162	7.3
Methyl tert-butyl ether	0.8055	0.8342	0.8271	0.8612	1.0097	0.8676	9.4
1,1-Dichloroethane	0.6114	0.6443	0.5769	0.5794	0.6581	0.6140	6.0
cis-1,2-Dichloroethene	0.3235	0.3590	0.3126	0.3197	0.3745	0.3379	8.1
2-Butanone	0.0665	0.0665	0.0974	0.0928	0.1164	0.0879	24.4
Bromochloromethane	0.1400	0.1492	0.1353	0.1410	0.1693	0.1469	9.1
Chloroform	0.5722	0.6043	0.5257	0.5258	0.6102	0.5676	7.2
1,1,1-Trichloroethane	0.4869	0.5343	0.4727	0.4841	0.5469	0.5050	6.6
Cyclohexane	0.5773	0.7264	0.6232	0.6419	0.7064	0.6551	9.3
Carbon tetrachloride	0.3689	0.4345	0.3961	0.4076	0.4690	0.4152	9.2
Benzene	1.4076	1.5306	1.3123	1.3698	1.5294	1.4299	6.8
1,2-Dichloroethane	0.3402	0.3676	0.3443	0.3553	0.4170	0.3649	8.5
1,4-Dioxane	0.0013	0.0011	0.0011	0.0010	0.0012	0.0012	9.3
Trichloroethene	0.3608	0.3905	0.3391	0.3471	0.3851	0.3645	6.2
Methylcyclohexane	0.5231	0.6612	0.5693	0.5887	0.6450	0.5975	9.4

6B - FORM VI VOA-2
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date(s): 02/13/2007 02/13/2007

Heated Purge: (Y/N) Y Calibration Time(s): 1105 1236

Purge Volume: 25.0 (mL)

GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

LAB FILE ID: RRF 0.5 = ICL02131 RRF 1.0 = ICL02132

RRF 5.0 = ICL02133 RRF 10 = ICL02134 RRF 20 = ICL02135

COMPOUND	RRF 0.5	RRF 1.0	RRF 5.0	RRF 10	RRF 20	$\overline{RRF}$	%RSD
1,2-Dichloropropane	0.3856	0.4045	0.3625	0.3723	0.4206	0.3891	6.1
Bromodichloromethane	0.4164	0.4289	0.3907	0.4132	0.4760	0.4250	7.4
cis-1,3-Dichloropropene	0.5803	0.5718	0.5337	0.5560	0.6407	0.5765	6.9
4-Methyl-2-pentanone	0.2823	0.2473	0.3056	0.2736	0.3158	0.2849	9.5
Toluene	1.5073	1.5907	1.4001	1.4292	1.5864	1.5027	5.8
trans-1,3-Dichloropropene	0.4457	0.4710	0.4362	0.4680	0.5441	0.4730	9.0
1,1,2-Trichloroethane	0.2723	0.2611	0.2423	0.2460	0.2825	0.2608	6.5
Tetrachloroethene	0.2983	0.3248	0.2833	0.2910	0.3256	0.3046	6.4
2-Hexanone	0.2118	0.2126	0.2231	0.1995	0.2253	0.2145	4.8
Dibromochloromethane	0.2649	0.2603	0.2396	0.2557	0.3143	0.2670	10.5
1,2-Dibromoethane	0.2672	0.2623	0.2462	0.2470	0.2882	0.2622	6.6
Chlorobenzene	1.0044	1.0459	0.9150	0.9378	1.0404	0.9887	6.0
Ethylbenzene	1.6722	1.8224	1.5856	1.6018	1.7738	1.6911	6.2
o-Xylene	0.6201	0.6742	0.6016	0.6246	0.7032	0.6447	6.6
m,p-Xylene	0.6492	0.6885	0.6210	0.6306	0.7117	0.6602	5.9
Styrene	0.7663	0.9703	1.0174	1.0593	1.1907	1.0008	15.5
Bromoform	0.2280	0.2414	0.2328	0.2408	0.3189	0.2524	14.9
Isopropylbenzene	1.6285	1.7156	1.5183	1.5852	1.7622	1.6419	6.0
1,1,2,2-Tetrachloroethane	0.3329	0.3207	0.2971	0.3089	0.3793	0.3278	9.7
1,3-Dichlorobenzene	1.6650	1.7600	1.5058	1.5196	1.6463	1.6193	6.6
1,4-Dichlorobenzene	1.7648	1.7918	1.5377	1.5495	1.6922	1.6672	7.1
1,2-Dichlorobenzene	1.4902	1.5462	1.3441	1.3803	1.5190	1.4560	6.1
1,2-Dibromo-3-chloropropane	0.1068	0.1029	0.0931	0.0937	0.1236	0.1040	12.0
1,2,4-Trichlorobenzene	1.0576	1.1083	0.8910	1.1467	1.2386	1.0884	11.8
1,2,3-Trichlorobenzene	0.9176	0.9583	0.7383	1.0081	1.1007	0.9446	14.2

6C - FORM VI VOA-3 MODIFIED
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date(s): 02/13/2007 02/13/2007

Heated Purge: (Y/N) Y Calibration Time(s): 1105 1236

Purge Volume: 25.0 (mL)

GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

LAB FILE ID: RRF 0.5 = ICL02131 RRF 1.0 = ICL02132
RRF 5.0 = ICL02133 RRF 10 = ICL02134 RRF 20 = ICL02135

COMPOUND	RRF 0.5	RRF 1.0	RRF 5.0	RRF 10	RRF 20	$\overline{RRF}$	%RSD
Vinyl Chloride-d3	0.2224	0.2342	0.1961	0.2101	0.2449	0.2215	8.7
Chloroethane-d5	0.2391	0.2333	0.1742	0.1776	0.1839	0.2016	15.8
1,1-Dichloroethene-d2	0.5197	0.6279	0.5412	0.5303	0.6324	0.5703	9.7
2-Butanone-d5	0.0636	0.0667	0.0930	0.0877	0.1163	0.0855	25.1
Chloroform-d	0.5134	0.5775	0.5078	0.5116	0.5881	0.5397	7.3
1,2-Dichloroethane-d4	0.2680	0.2726	0.2581	0.2632	0.3162	0.2756	8.5
Benzene-d6	1.2498	1.3542	1.1553	1.2323	1.3315	1.2646	6.3
1,2-Dichloropropane-d6	0.4197	0.4153	0.3813	0.4019	0.4372	0.4111	5.1
Toluene-d8	1.1663	1.2032	1.0438	1.0989	1.2304	1.1485	6.7
trans-1,3-Dichloropropene-d4	0.2198	0.2371	0.2160	0.2319	0.2701	0.2350	9.1
2-Hexanone-d5	0.1066	0.1080	0.1153	0.1040	0.1192	0.1106	5.8
1,4-Dioxane-d8	0.0012	0.0013	0.0009	0.0009	0.0010	0.0011	18.0
1,1,2,2-Tetrachloroethane-d2	0.3061	0.3092	0.2855	0.2950	0.3637	0.3119	9.8
1,2-Dichlorobenzene-d4	0.8983	0.9126	0.7873	0.8149	0.8962	0.8619	6.6
tertiary butyl alcohol	0.0098	0.0094	0.0101	0.0097	0.0178	0.0114	31.8

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1307.b\ICL02131.D
Lab Smp Id: ICL02131 Client Smp ID: VSTD0.513
Inj Date : 13-FEB-2007 12:36
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1307.b, ICL02131
Misc Info :
Comment :
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Meth Date : 14-Feb-2007 13:30 ttn Quant Type: ISTD
Cal Date : 13-FEB-2007 12:36 Cal File: ICL02131.D
Als bottle: 49 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

36125
COPY
ORIGINAL DOCUMENTS INCLUDED IN CSF F2CH4
Signature
2/15/07
Date

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	1.648	1.648	(0.231)	11892	0.50000	0.3461(a)
	2 Chloromethane	50	1.810	1.810	(0.253)	29513	0.50000	0.4933(a)
$	3 Vinyl Chloride-d3	65	1.911	1.911	(0.267)	16241	0.50000	0.5018
	4 Vinyl Chloride	62	1.921	1.921	(0.269)	21523	0.50000	0.4498(a)
	5 Bromomethane	94	2.266	2.256	(0.317)	14090	0.50000	0.4823(a)
$	6 Chloroethane-d5	69	2.336	2.337	(0.327)	17467	0.50000	0.5930
	7 Chloroethane	64	2.367	2.357	(0.331)	12923	0.50000	0.4873(a)
	8 Trichlorofluoromethane	101	2.569	2.569	(0.360)	20065	0.50000	0.4244(a)
$	9 1,1-Dichloroethene-d2	63	3.136	3.137	(0.439)	37960	0.50000	0.4556(a)
	10 1,1,2-Trichloro-1,2,2-trifluo	101	3.136	3.126	(0.439)	1833	0.50000	0.4477(a)
	11 1,1-Dichloroethene	96	3.157	3.147	(0.442)	18007	0.50000	0.4608(a)
	12 Acetone	43	3.288	3.288	(0.460)	19462	5.00000	4.1801(a)
	13 Carbon Disulfide	76	3.420	3.410	(0.479)	62360	0.50000	0.4628(a)
	14 Methyl Acetate	43	3.653	3.653	(0.511)	14331	0.50000	0.4209(a)
	15 Methylene Chloride	84	3.835	3.825	(0.537)	23203	0.50000	0.5012
	16 Methyl tert-Butyl Ether	73	4.078	4.078	(0.571)	58835	0.50000	0.4642(a)
	17 trans-1,2-Dichloroethene	96	4.119	4.119	(0.576)	22368	0.50000	0.4842(a)
	18 1,1-Dichloroethane	63	4.726	4.726	(0.661)	44657	0.50000	0.4978(a)
$	19 2-Butanone-d5	46	5.465	5.455	(0.765)	46478	5.00000	3.7230
	20 cis-1,2-Dichloroethene	96	5.506	5.496	(0.770)	23629	0.50000	0.4787(a)
	21 2-Butanone	43	5.546	5.536	(0.776)	48571	5.00000	3.7815(a)
	22 Bromochloromethane	128	5.830	5.820	(0.816)	10224	0.50000	0.4762(a)
$	23 Chloroform-d	84	5.891	5.881	(0.824)	37498	0.50000	0.4756(a)
	24 Chloroform	83	5.911	5.911	(0.827)	41793	0.50000	0.5040

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	25 1,1,1-Trichloroethane	97	6.103	6.093	(0.569)	31501	0.50000	0.4820(a)
	26 Cyclohexane	56	6.073	6.063	(0.566)	37353	0.50000	0.4406(a)
	27 Carbon Tetrachloride	117	6.255	6.255	(0.583)	23869	0.50000	0.4442(a)
$	28 1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	19578	0.50000	0.4862(a)
$	29 Benzene-d6	84	6.529	6.529	(0.608)	80863	0.50000	0.4941(a)
	30 Benzene	78	6.579	6.579	(0.613)	91068	0.50000	0.4921(a)
	31 1,2-Dichloroethane	62	6.711	6.711	(0.939)	24847	0.50000	0.4661(a)
*	32 1,4-Difluorobenzene	114	7.146	7.147	(1.000)	730422	5.00000	
	33 Trichloroethene	95	7.440	7.440	(0.693)	23344	0.50000	0.4949(a)
$	34 1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	27155	0.50000	0.5104
	35 Methylcyclohexane	83	7.592	7.592	(0.707)	33844	0.50000	0.4377(a)
	36 1,2-Dichloropropane	63	7.815	7.815	(0.728)	24949	0.50000	0.4955(a)
	37 Bromodichloromethane	83	8.169	8.169	(0.761)	26941	0.50000	0.4898(a)
	38 1,4-Dioxane	88	7.997	7.987	(1.119)	3836	20.0000	22.4120(M) DB2150
$	39 1,4-Dioxane-d8	96	7.916	7.906	(1.108)	3406	20.0000	22.0724(M)
$	40 trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	14224	0.50000	0.4677(a)
	41 cis-1,3-Dichloropropene	75	8.787	8.787	(0.819)	37548	0.50000	0.5033
	42 4-Methyl-2-pentanone	43	9.000	8.989	(0.839)	182634	5.00000	4.9539(a)
$	43 Toluene-d8	98	9.081	9.081	(0.846)	75457	0.50000	0.5077
	44 Toluene	91	9.162	9.162	(0.854)	97522	0.50000	0.5015
	45 trans-1,3-Dichloropropene	75	9.546	9.546	(0.890)	28838	0.50000	0.4711(a)
	46 1,1,2-Trichloroethane	97	9.759	9.759	(0.909)	17618	0.50000	0.5219
	47 Tetrachloroethene	164	9.800	9.800	(0.913)	19299	0.50000	0.4896(a)
$	48 2-Hexanone-d5	63	9.962	9.962	(0.928)	68981	5.00000	4.8188
	49 2-Hexanone	43	10.012	10.012	(0.933)	137057	5.00000	4.9387(a)
	50 Dibromochloromethane	129	10.164	10.164	(0.947)	17136	0.50000	0.4960(a)
	51 1,2-Dibromoethane	107	10.296	10.296	(0.959)	17290	0.50000	0.5096
*	52 Chlorobenzene-d5	117	10.731	10.731	(1.000)	646995	5.00000	
	53 Chlorobenzene	112	10.761	10.762	(1.003)	64983	0.50000	0.5079
	54 Ethylbenzene	91	10.832	10.832	(1.009)	108191	0.50000	0.4944(a)
	55 m+p-Xylenes	106	10.944	10.944	(1.020)	42005	0.50000	0.4916(a)
	56 o-Xylene	106	11.318	11.319	(1.055)	40117	0.50000	0.4808(a)
	57 Styrene	104	11.339	11.339	(1.057)	49581	0.50000	0.3828(a)
	58 Bromoform	173	11.531	11.531	(0.907)	7060	0.50000	0.4516(a)
	59 Isopropylbenzene	105	11.622	11.622	(1.083)	105365	0.50000	0.4959(a)
$	60 1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	19804	0.50000	0.4906(a)
	61 1,1,2,2-Tetrachloroethane	83	11.936	11.936	(1.112)	21537	0.50000	0.5077
	62 1,3-Dichlorobenzene	146	12.655	12.655	(0.995)	51558	0.50000	0.5140
*	63 1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	309666	5.00000	
	64 1,4-Dichlorobenzene	146	12.726	12.726	(1.001)	54650	0.50000	0.5292
$	65 1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	27818	0.50000	0.5211
	66 1,2-Dichlorobenzene	146	13.010	13.010	(1.023)	46146	0.50000	0.5117
	67 1,2-Dibromo-3-chloropropane	75	13.577	13.587	(1.068)	3308	0.50000	0.5135
	68 1,2,4-Trichlorobenzene	180	14.123	14.124	(1.111)	32749	0.50000	0.4858(a)
	69 1,2,3-Trichlorobenzene	180	14.488	14.488	(1.139)	28415	0.50000	0.4857(a)
	70 1,2,4-Trimethylbenzene	105	12.412	12.412	(1.737)	66408	0.50000	0.4100(a)
	71 1,3,5-Trimethylbenzene	105	11.622	11.622	(1.626)	105266	0.50000	0.4803(a)
	72 tert-butyl alcohol	59	3.947	3.957	(0.552)	7153	5.00000	4.3050(aM) DB2150
	73 tert-amyl methyl ether	73	6.691	6.691	(0.936)	135792	5.00000	4.9002
	74 Ethyl tert-butyl ether	59	5.172	5.172	(0.724)	142562	5.00000	4.8371
	75 Bromobenzene	77	11.916	11.916	(1.110)	37791	0.50000	0.4829(a)
	76 n-Butylbenzene	91	12.939	12.939	(1.018)	79941	0.50000	0.5052
	77 sec-Butylbenzene	105	12.534	12.534	(0.986)	104677	0.50000	0.5202
	78 tert-Butylbenzene	119	12.361	12.362	(0.972)	69391	0.50000	0.5165

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79 2-Chlorotoluene	91	12.068	12.068	(0.949)	77021	0.50000	0.5347
80 4-Chlorotoluene	91	12.159	12.159	(0.956)	73696	0.50000	0.5294
81 Dibromomethane	93	7.977	7.967	(1.116)	9904	0.50000	0.4629(a)
82 1,3-Dichloropropane	76	9.951	9.951	(0.927)	33043	0.50000	0.4851(a)
83 2,2-Dichloropropane	77	5.455	5.455	(0.763)	34987	0.50000	0.4401(a)
84 1,1-Dichloropropene	75	6.316	6.316	(0.884)	28207	0.50000	0.4740(a)
85 Hexachlorbutadiene	225	14.194	14.194	(1.116)	15208	0.50000	0.4806(a)
86 p-Isopropyltoluene	119	12.635	12.635	(0.994)	85833	0.50000	0.5052
87 Napthalene	128	14.316	14.316	(1.126)	55080	0.50000	0.4940(a)
88 n-Propylbenzene	91	11.967	11.967	(0.941)	116293	0.50000	0.5193
89 1,1,1,2-Tetrachloroethane	131	10.843	10.843	(1.010)	19140	0.50000	0.4805(a)
90 1,2,3-Trichloropropane	110	11.987	11.987	(1.117)	5330	0.50000	0.4993(a)
91 Hexane	57	4.362	4.362	(0.610)	27405	0.50000	0.4163(a)
92 Isopropanol	45	3.440	3.441	(0.481)	31979	25.0000	22.5178(aM)

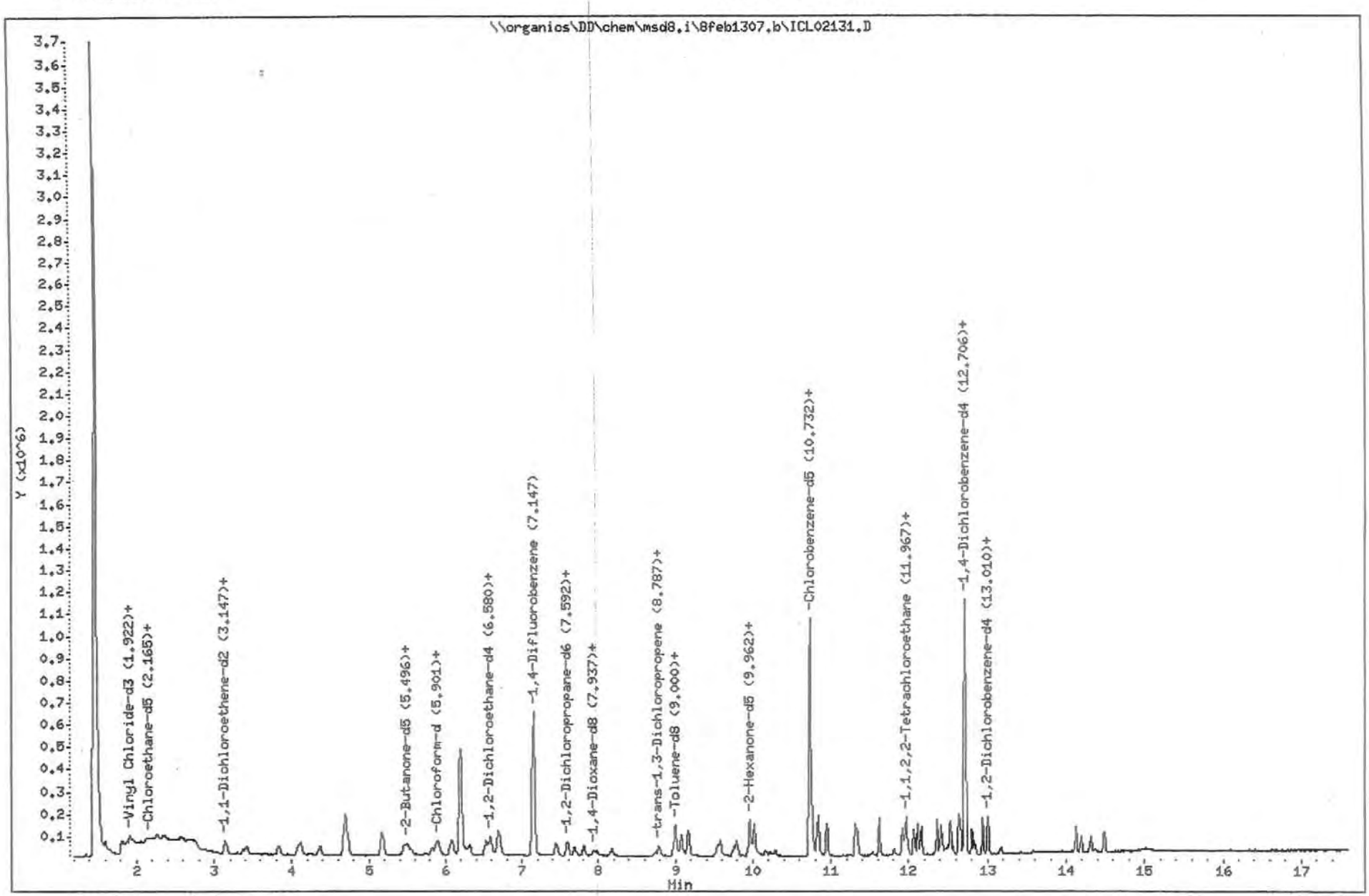
QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\organics\DD\chem\msd8.i\8feb1307.b\ICL02131.D
Date : 13-FEB-2007 12:36
Client ID: VSTD0.513
Sample Info: 8feb1307.b, ICL02131
Purge Volume: 25.0
Column phase: DB-624

Instrument: msd8.i

Operator: DLB
Column diameter: 0.25



Data File Name: ICL02131.D
Inj. Date and Time: 13-FEB-2007 12:36
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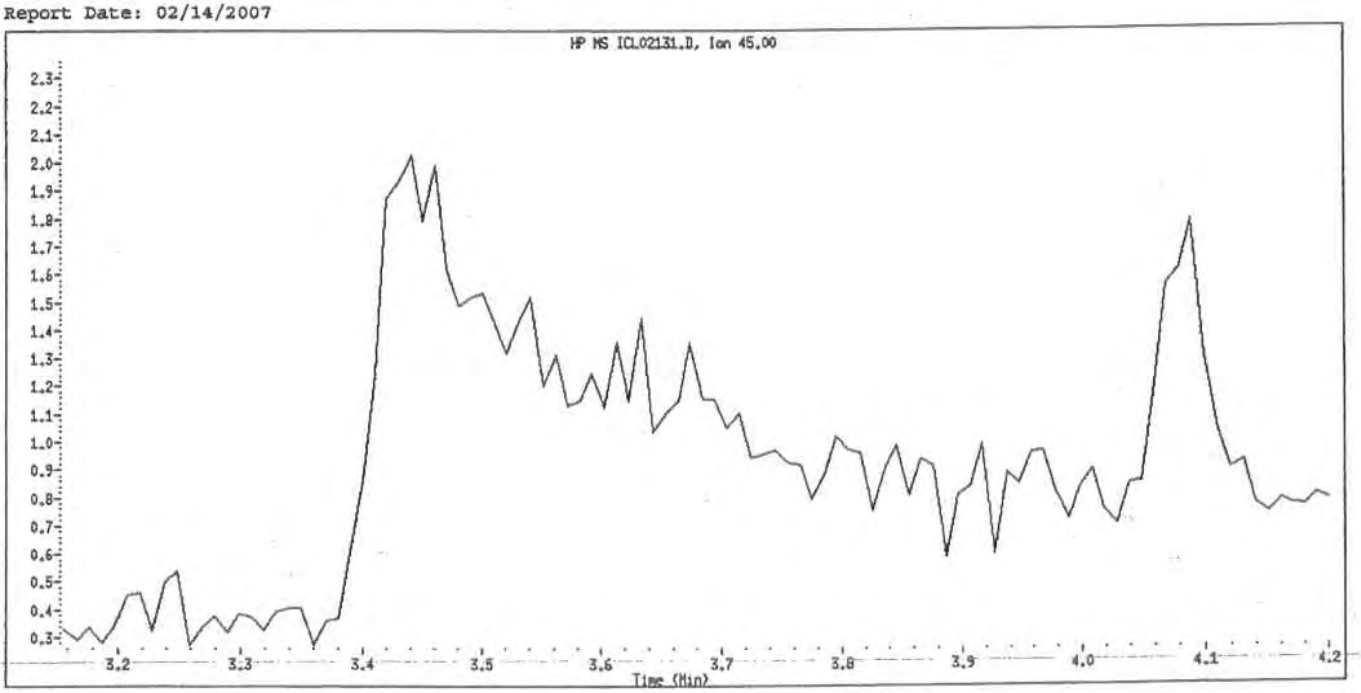
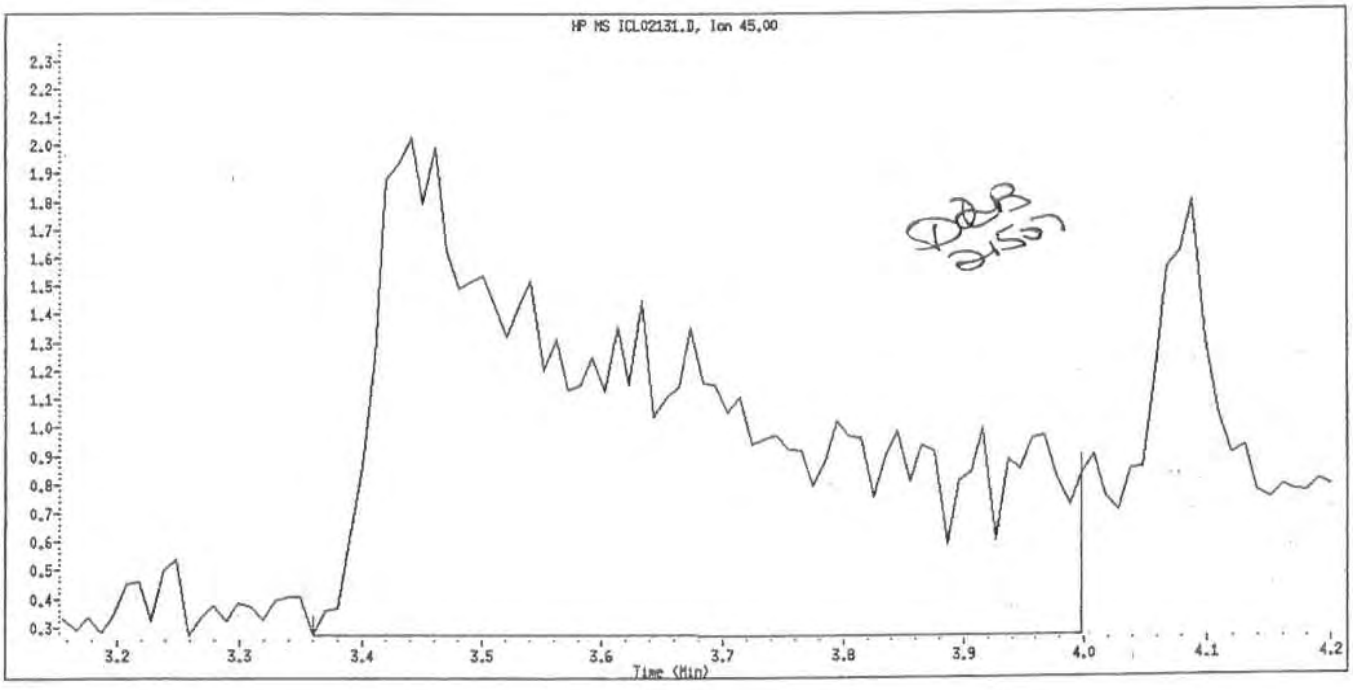
Client ID: VSTD0.513
Compound Name: Isopropanol
CAS #: 67-63-0
Report Date: 02/14/2007



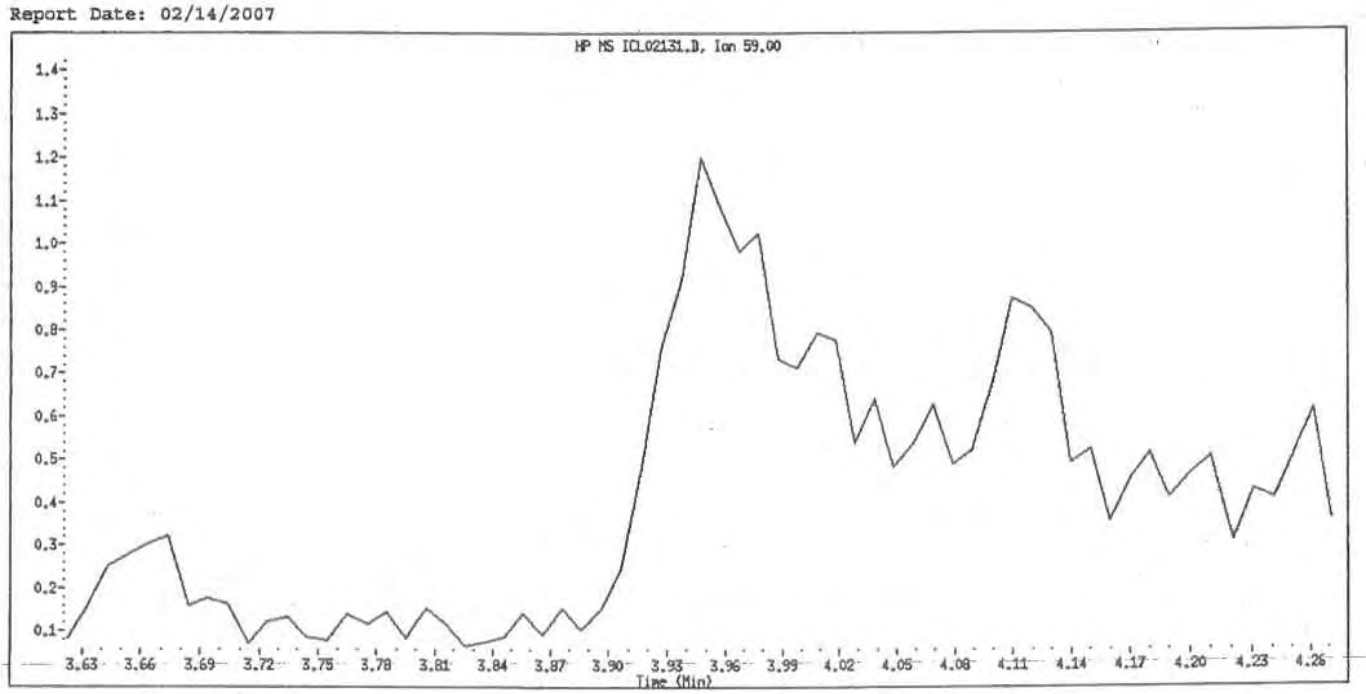
Original Integration



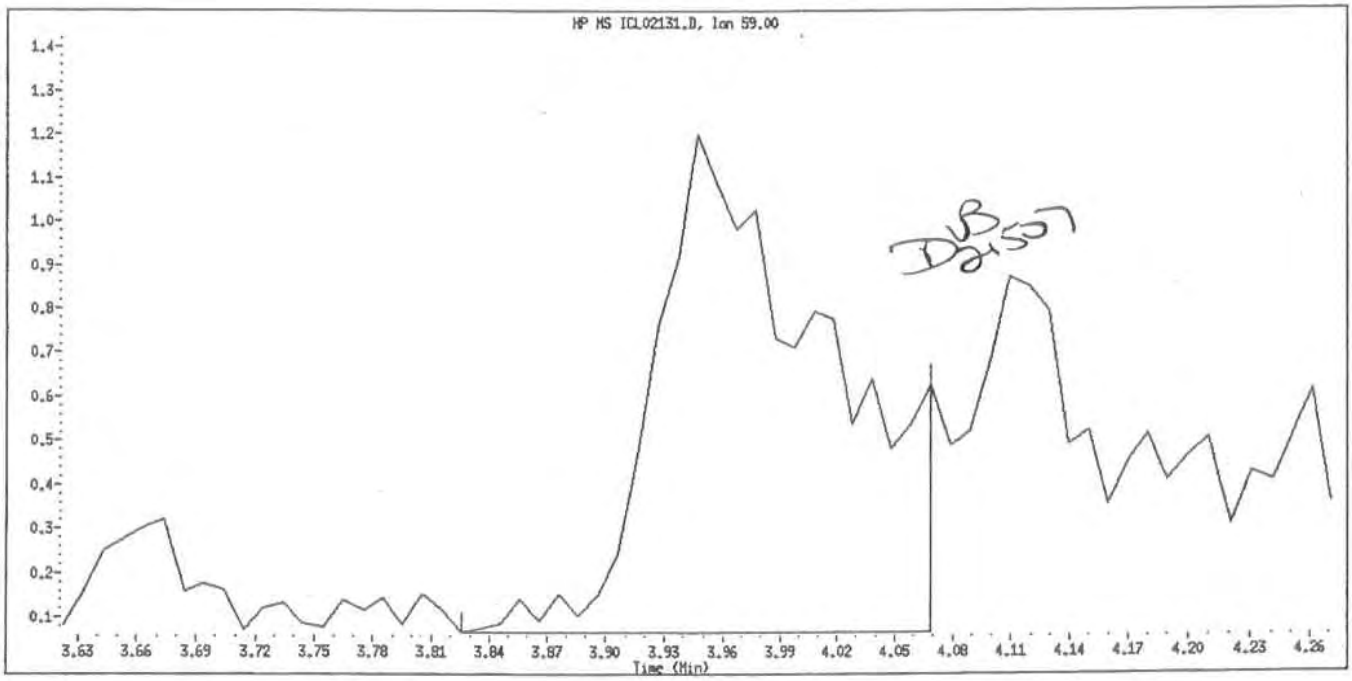
Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Data File Name: ICL02131.D
Inj. Date and Time: 13-FEB-2007 12:36
Instrument ID: msd8.i
Client ID: VSTD0.513
Compound Name: tert-butyl alcohol
CAS #: 75-65-0
Report Date: 02/14/2007



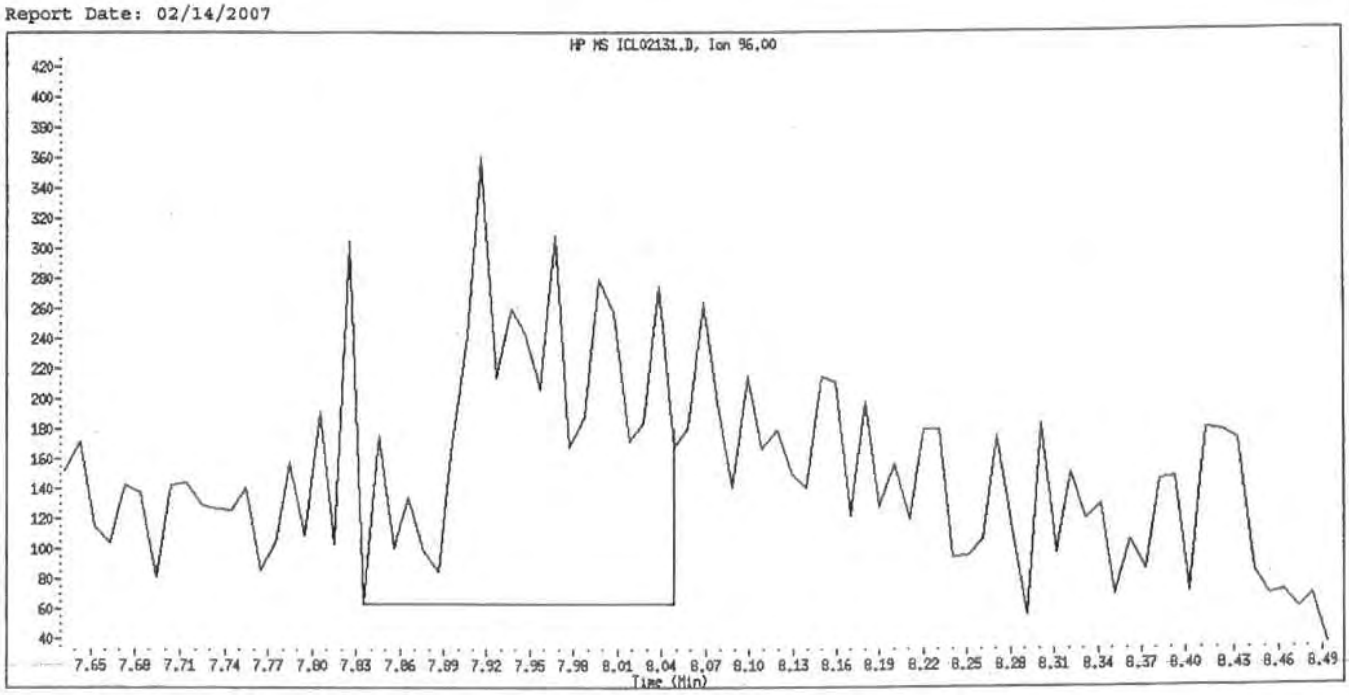
Original Integration



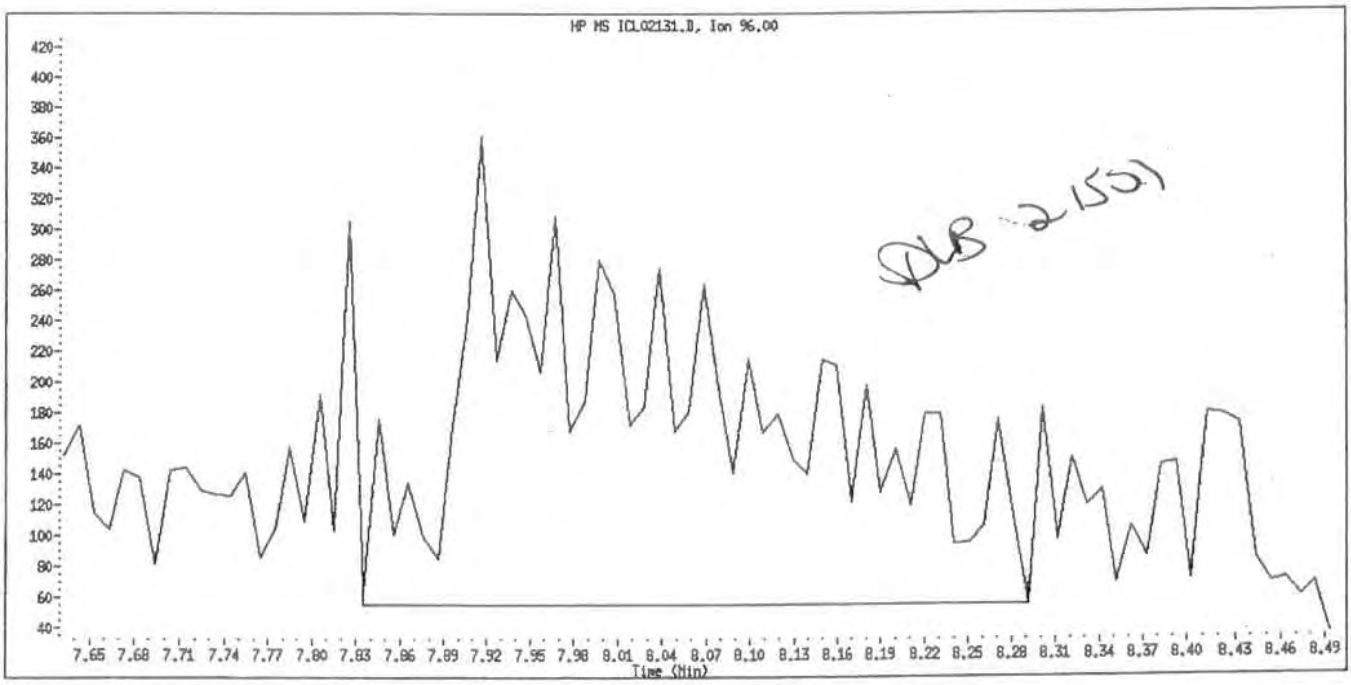
Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Data File Name: ICL02131.D
Inj. Date and Time: 13-FEB-2007 12:36
Instrument ID: msd8.i
Client ID: VSTD0.513
Compound Name: 1,4-Dioxane-d8
CAS #: 17647-74-4
Report Date: 02/14/2007



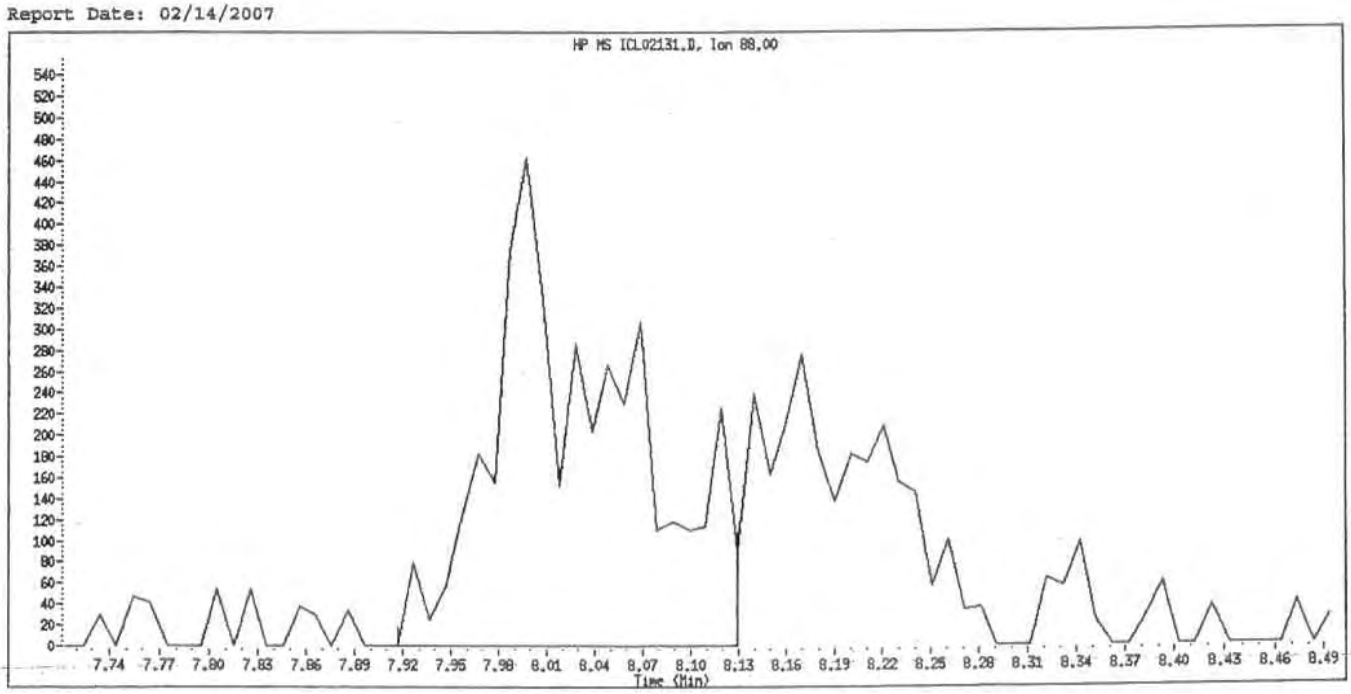
Original Integration



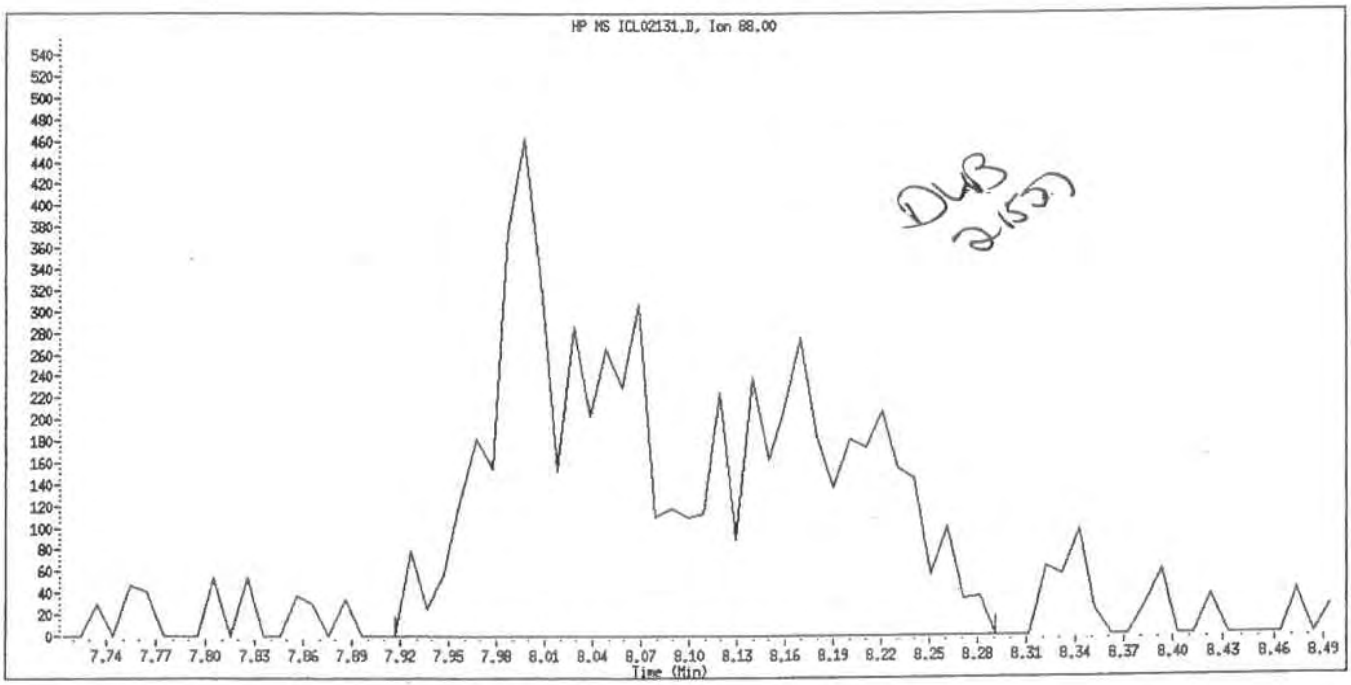
Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Data File Name: ICL02131.D
Inj. Date and Time: 13-FEB-2007 12:36
Instrument ID: msd8.i
Client ID: VSTD0.513
Compound Name: 1,4-Dioxane
CAS #: 123-91-1
Report Date: 02/14/2007



Original Integration



Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1307.b\ICL02132.D
Lab Smp Id: ICL02132 Client Smp ID: VSTD00113
Inj Date : 13-FEB-2007 12:14
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1307.b, ICL02132
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb1307.b\TRACE1359.m
Meth Date : 14-Feb-2007 13:30 ttn Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 49 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	1.648	1.648	(0.231)	33380	1.00000	1.0220
	2 Chloromethane	50	1.810	1.810	(0.253)	61238	1.00000	1.0766
$	3 Vinyl Chloride-d3	65	1.911	1.911	(0.267)	32522	1.00000	1.0570
	4 Vinyl Chloride	62	1.921	1.921	(0.269)	47197	1.00000	1.0376
	5 Bromomethane	94	2.256	2.256	(0.316)	31320	1.00000	1.1278
$	6 Chloroethane-d5	69	2.337	2.337	(0.327)	32407	1.00000	1.1572
	7 Chloroethane	64	2.357	2.357	(0.330)	28340	1.00000	1.1241
	8 Trichlorofluoromethane	101	2.569	2.569	(0.360)	49727	1.00000	1.1065
$	9 1,1-Dichloroethene-d2	63	3.137	3.137	(0.439)	87205	1.00000	1.1009
	10 1,1,2-Trichloro-1,2,2-trifluo	101	3.126	3.126	(0.438)	4517	1.00000	1.1605
	11 1,1-Dichloroethene	96	3.147	3.147	(0.440)	39736	1.00000	1.0697
	12 Acetone	43	3.288	3.288	(0.460)	35383	10.0000	7.9934
	13 Carbon Disulfide	76	3.410	3.410	(0.477)	139075	1.00000	1.0857
	14 Methyl Acetate	43	3.653	3.653	(0.511)	28904	1.00000	0.8929
	15 Methylene Chloride	84	3.825	3.825	(0.535)	45344	1.00000	1.0302
	16 Methyl tert-Butyl Ether	73	4.078	4.078	(0.571)	115862	1.00000	0.9615
	17 trans-1,2-Dichloroethene	96	4.119	4.119	(0.576)	47662	1.00000	1.0852
	18 1,1-Dichloroethane	63	4.726	4.726	(0.661)	89484	1.00000	1.0492
$	19 2-Butanone-d5	46	5.455	5.455	(0.763)	92631	10.0000	7.8045
	20 cis-1,2-Dichloroethene	96	5.496	5.496	(0.769)	49863	1.00000	1.0626
	21 2-Butanone	43	5.536	5.536	(0.775)	92327	10.0000	7.5607
	22 Bromochloromethane	128	5.820	5.820	(0.814)	20718	1.00000	1.0151
$	23 Chloroform-d	84	5.881	5.881	(0.823)	80202	1.00000	1.0700
	24 Chloroform	83	5.911	5.911	(0.827)	83933	1.00000	1.0646

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
25	1,1,1-Trichloroethane	97	6.093	6.093	(0.568)	68549	1.00000	1.0580
26	Cyclohexane	56	6.063	6.063	(0.565)	93199	1.00000	1.1089
27	Carbon Tetrachloride	117	6.255	6.255	(0.583)	55742	1.00000	1.0463
$ 28	1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	37859	1.00000	0.9889
$ 29	Benzene-d6	84	6.529	6.529	(0.608)	173743	1.00000	1.0708
30	Benzene	78	6.579	6.579	(0.613)	196373	1.00000	1.0703
31	1,2-Dichloroethane	62	6.711	6.711	(0.939)	51061	1.00000	1.0076
* 32	1,4-Difluorobenzene	114	7.147	7.147	(1.000)	694436	5.00000	
33	Trichloroethene	95	7.440	7.440	(0.693)	50094	1.00000	1.0711
$ 34	1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	53286	1.00000	1.0103
35	Methylcyclohexane	83	7.592	7.592	(0.707)	84835	1.00000	1.1067
36	1,2-Dichloropropane	63	7.815	7.815	(0.728)	51895	1.00000	1.0395
37	Bromodichloromethane	83	8.169	8.169	(0.761)	55021	1.00000	1.0089
38	1,4-Dioxane	88	7.987	7.987	(1.118)	6358	40.0000	39.0719 (M) DB 2157
$ 39	1,4-Dioxane-d8	96	7.906	7.906	(1.106)	7400	40.0000	50.4403
$ 40	trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	30422	1.00000	1.0089
41	cis-1,3-Dichloropropene	75	8.787	8.787	(0.819)	73355	1.00000	0.9918
42	4-Methyl-2-pentanone	43	8.989	8.989	(0.838)	317217	10.0000	8.6783
$ 43	Toluene-d8	98	9.081	9.081	(0.846)	154363	1.00000	1.0475
44	Toluene	91	9.162	9.162	(0.854)	204082	1.00000	1.0585
45	trans-1,3-Dichloropropene	75	9.546	9.546	(0.890)	60428	1.00000	0.9957
46	1,1,2-Trichloroethane	97	9.759	9.759	(0.909)	33493	1.00000	1.0008
47	Tetrachloroethene	164	9.800	9.800	(0.913)	41666	1.00000	1.0661
$ 48	2-Hexanone-d5	63	9.962	9.962	(0.928)	138523	10.0000	9.7600
49	2-Hexanone	43	10.012	10.012	(0.933)	272731	10.0000	9.9120
50	Dibromochloromethane	129	10.164	10.164	(0.947)	33396	1.00000	0.9750
51	1,2-Dibromoethane	107	10.296	10.296	(0.959)	33653	1.00000	1.0004
* 52	Chlorobenzene-d5	117	10.731	10.731	(1.000)	641487	5.00000	
53	Chlorobenzene	112	10.762	10.762	(1.003)	134189	1.00000	1.0578
54	Ethylbenzene	91	10.832	10.832	(1.009)	233803	1.00000	1.0775
55	m+p-Xylenes	106	10.944	10.944	(1.020)	88335	1.00000	1.0428
56	o-Xylene	106	11.319	11.319	(1.055)	86500	1.00000	1.0457
57	Styrene	104	11.339	11.339	(1.057)	124489	1.00000	0.9695
58	Bromoform	173	11.531	11.531	(0.907)	14737	1.00000	0.9564
59	Isopropylbenzene	105	11.622	11.622	(1.083)	220107	1.00000	1.0448
$ 60	1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	39665	1.00000	0.9912
61	1,1,2,2-Tetrachloroethane	83	11.936	11.936	(1.112)	41148	1.00000	0.9784
62	1,3-Dichlorobenzene	146	12.655	12.655	(0.995)	107450	1.00000	1.0868
* 63	1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	305248	5.00000	
64	1,4-Dichlorobenzene	146	12.726	12.726	(1.001)	109390	1.00000	1.0747
$ 65	1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	55716	1.00000	1.0589
66	1,2-Dichlorobenzene	146	13.010	13.010	(1.023)	94395	1.00000	1.0619
67	1,2-Dibromo-3-chloropropane	75	13.587	13.587	(1.068)	6282	1.00000	0.9892
68	1,2,4-Trichlorobenzene	180	14.124	14.124	(1.111)	67663	1.00000	1.0182
69	1,2,3-Trichlorobenzene	180	14.488	14.488	(1.139)	58506	1.00000	1.0145
70	1,2,4-Trimethylbenzene	105	12.412	12.412	(1.737)	154514	1.00000	1.0035
71	1,3,5-Trimethylbenzene	105	11.622	11.622	(1.626)	220415	1.00000	1.0579
72	tert-butyl alcohol	59	3.957	3.957	(0.554)	13050	10.0000	8.2612 (M) DB 2157
73	tert-amyl methyl ether	73	6.691	6.691	(0.936)	268056	10.0000	10.1744
74	Ethyl tert-butyl ether	59	5.172	5.172	(0.724)	285515	10.0000	10.1895
75	Bromobenzene	77	11.916	11.916	(1.110)	79762	1.00000	1.0280
76	n-Butylbenzene	91	12.939	12.939	(1.018)	169337	1.00000	1.0857
77	sec-Butylbenzene	105	12.534	12.534	(0.986)	220832	1.00000	1.1134
78	tert-Butylbenzene	119	12.362	12.362	(0.972)	147542	1.00000	1.1142

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
79 2-Chlorotoluene	91	12.068	12.068	(0.949)	160904	1.00000	1.1332
80 4-Chlorotoluene	91	12.159	12.159	(0.956)	151394	1.00000	1.1034
81 Dibromomethane	93	7.967	7.967	(1.115)	19789	1.00000	0.9729
82 1,3-Dichloropropane	76	9.951	9.951	(0.927)	71366	1.00000	1.0567
83 2,2-Dichloropropane	77	5.455	5.455	(0.763)	74307	1.00000	0.9833
84 1,1-Dichloropropene	75	6.316	6.316	(0.884)	60990	1.00000	1.0780
85 Hexachlorbutadiene	225	14.194	14.194	(1.116)	34033	1.00000	1.0912
86 p-Isopropyltoluene	119	12.635	12.635	(0.994)	185824	1.00000	1.1096
87 Napthalene	128	14.316	14.316	(1.126)	110966	1.00000	1.0097
88 n-Propylbenzene	91	11.967	11.967	(0.941)	248329	1.00000	1.1250
89 1,1,1,2-Tetrachloroethane	131	10.843	10.843	(1.010)	39813	1.00000	1.0081
90 1,2,3-Trichloropropane	110	11.987	11.987	(1.117)	10083	1.00000	0.9527
91 Hexane	57	4.362	4.362	(0.610)	71548	1.00000	1.1433
92 Isopropanol	45	3.440	3.441	(0.481)	61054	50.0000	42.9322 (M) DB 2150

QC Flag Legend

M - Compound response manually integrated.

Data File: \\organics\DD\chem\msd8.i\8feb1307.b\ICL02132.D

Date : 13-FEB-2007 12:14

Client ID: VSTD00113

Sample Info: 8feb1307.b, ICL02132

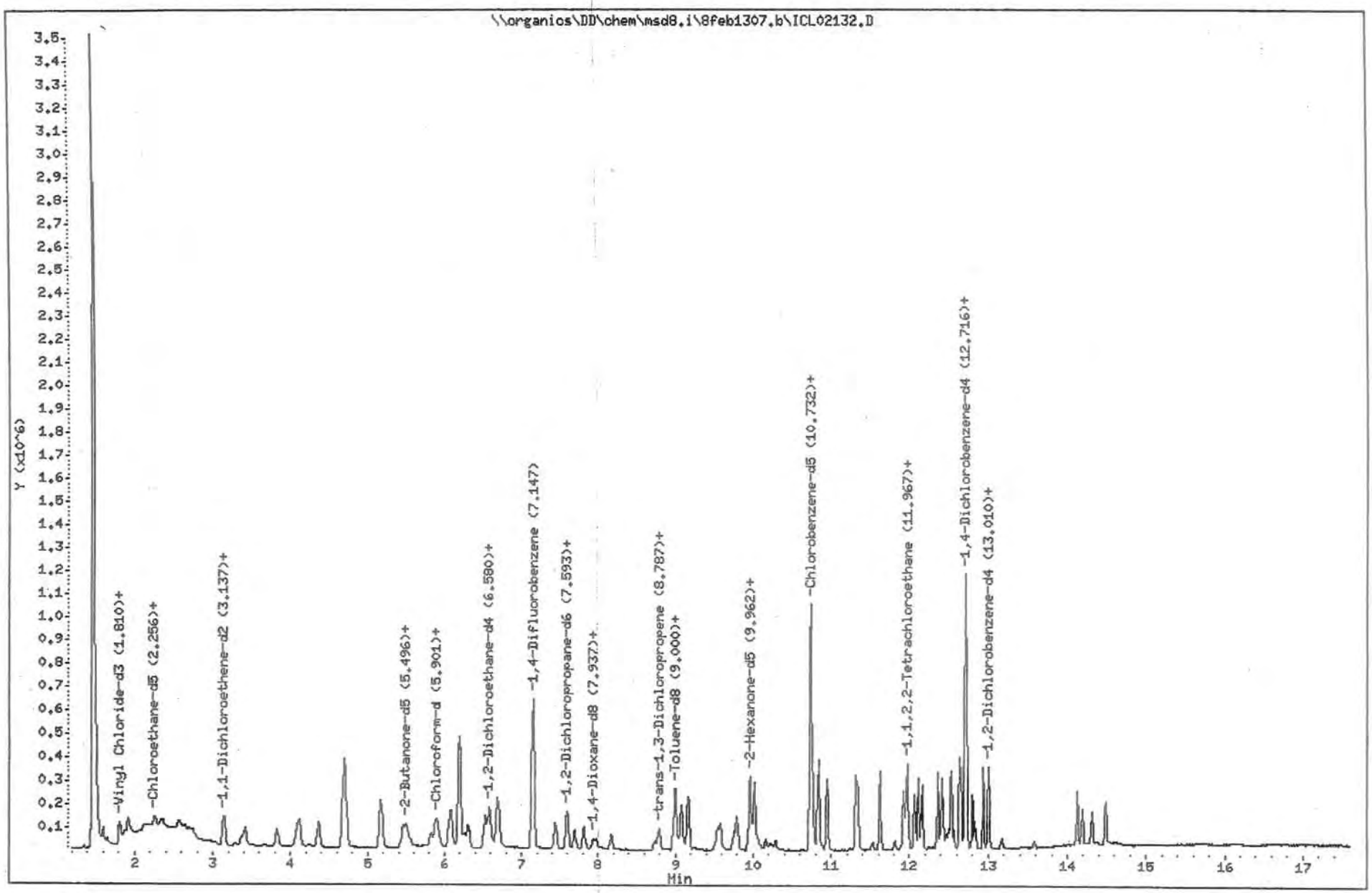
Purge Volume: 25.0

Column phase: DB-624

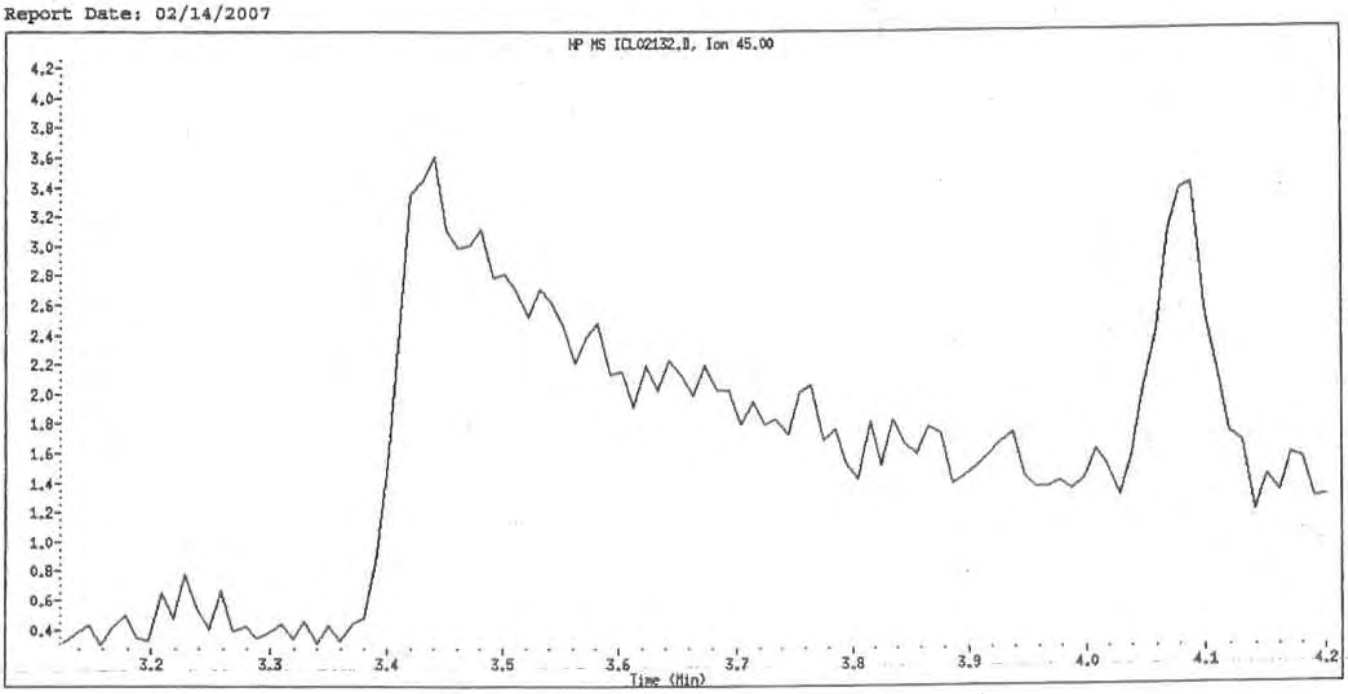
Instrument: msd8.i

Operator: DLB

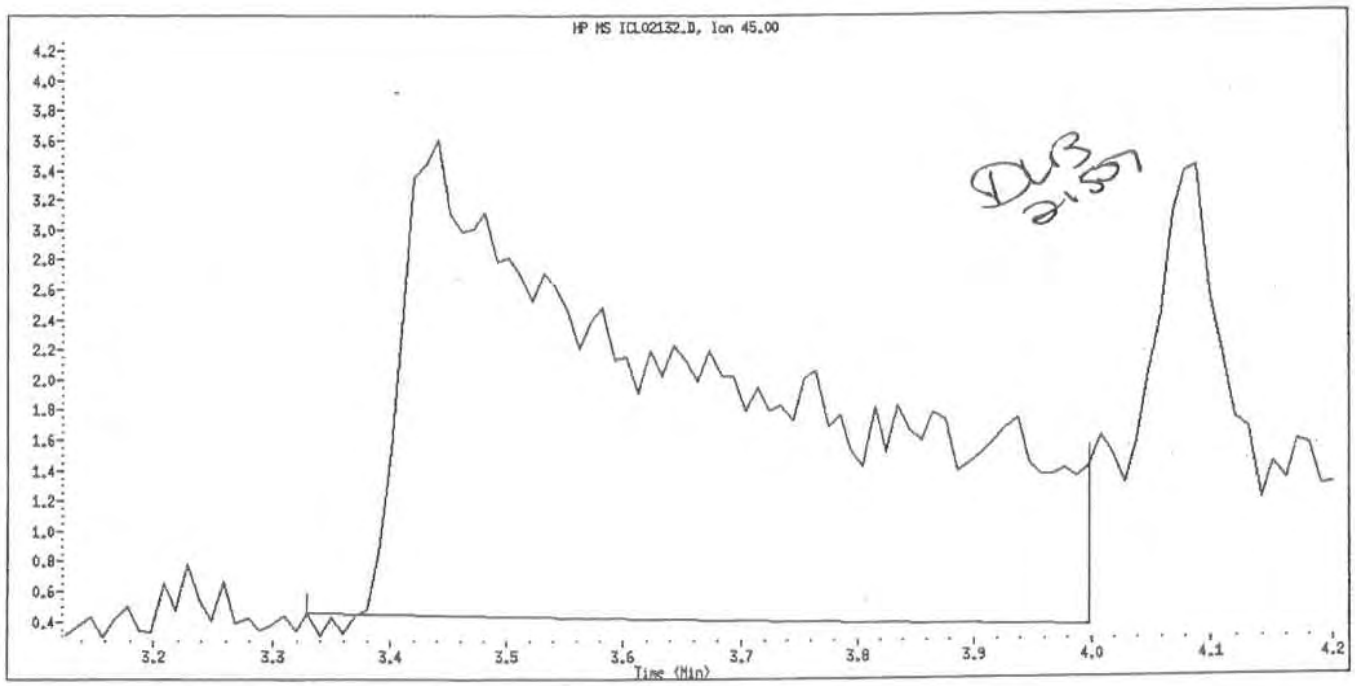
Column diameter: 0.25



Data File Name: ICL02132.D
Inj. Date and Time: 13-FEB-2007 12:14
Instrument ID: msd8.i
Client ID: VSTD00113
Compound Name: Isopropanol
CAS #: 67-63-0
Report Date: 02/14/2007



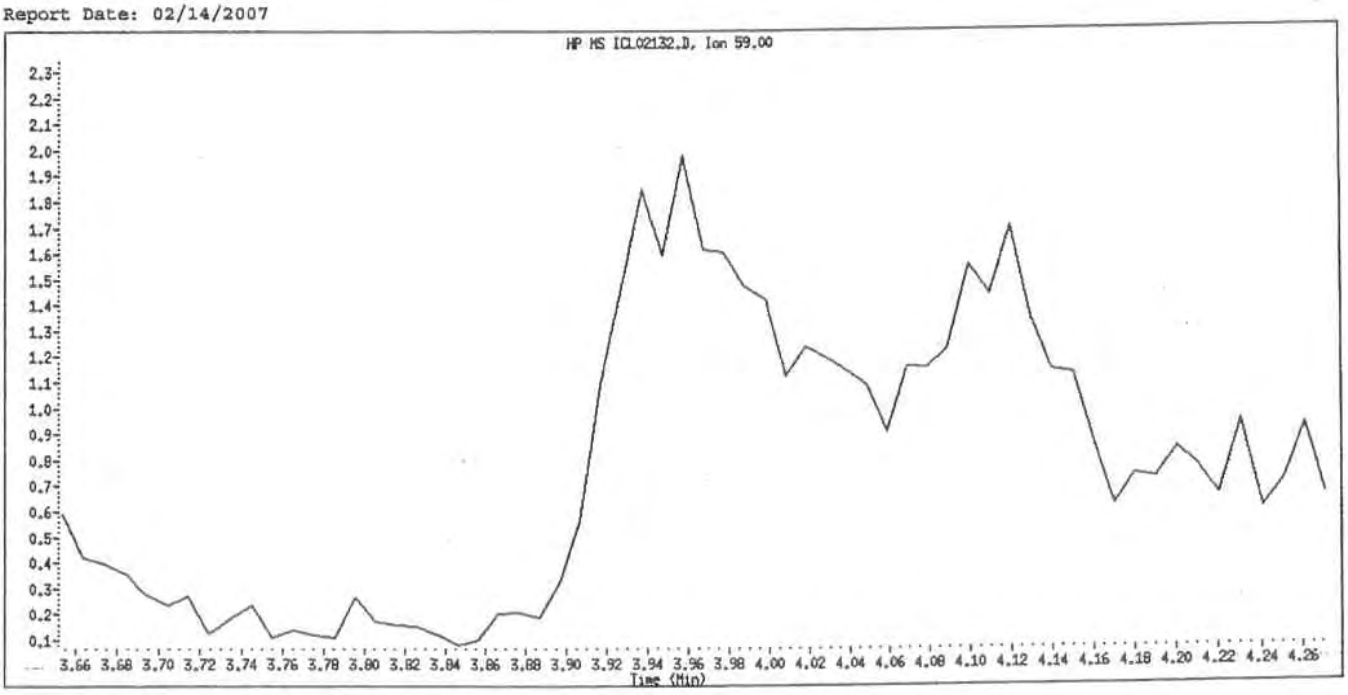
Original Integration



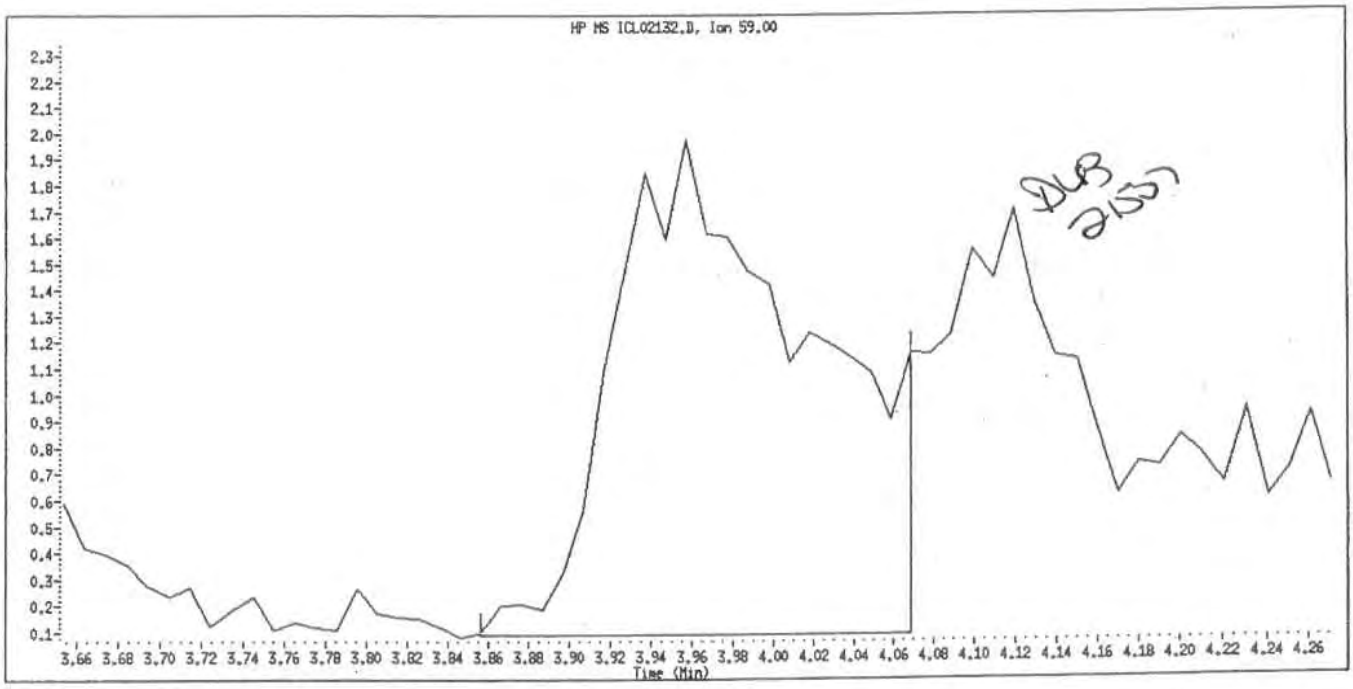
Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Data File Name: ICL02132.D
Inj. Date and Time: 13-FEB-2007 12:14
Instrument ID: msd8.i
Client ID: VSTD00113
Compound Name: tert-butyl alcohol
CAS #: 75-65-0
Report Date: 02/14/2007



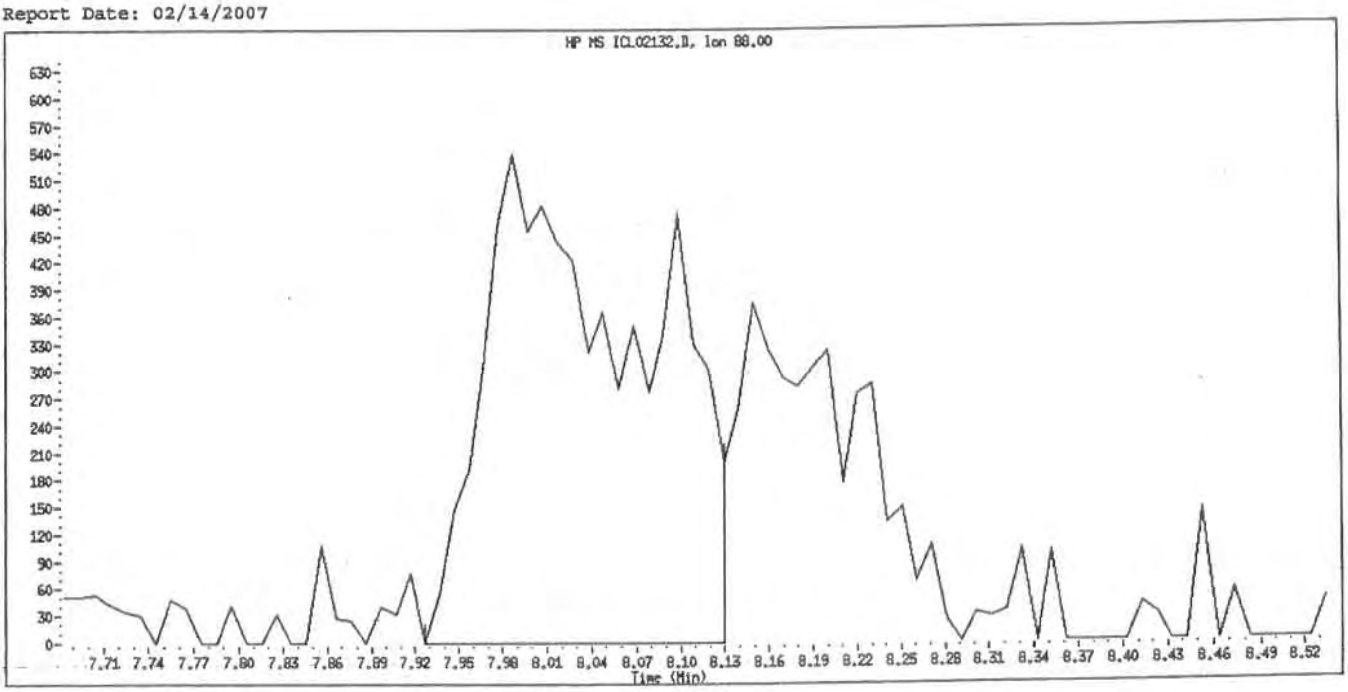
Original Integration



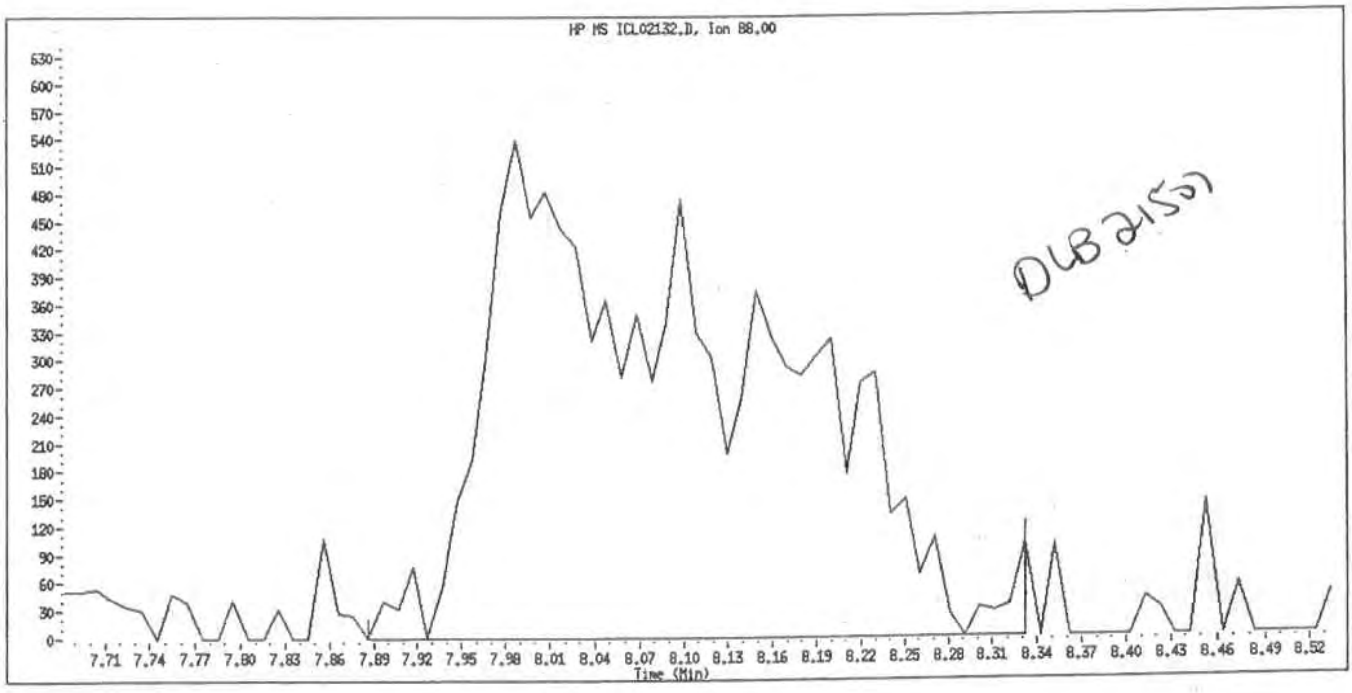
Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Data File Name: ICL02132.D
Inj. Date and Time: 13-FEB-2007 12:14
Instrument ID: msd8.i
Client ID: VSTD00113
Compound Name: 1,4-Dioxane
CAS #: 123-91-1
Report Date: 02/14/2007



Original Integration



Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1307.b\ICL02133.D
Lab Smp Id: ICL02133 Client Smp ID: VSTD00513
Inj Date : 13-FEB-2007 11:51
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1307.b, ICL02133
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb1307.b\TRACE1359.m
Meth Date : 14-Feb-2007 13:30 ttn Quant Type: ISTD
Cal Date : 13-FEB-2007 12:36 Cal File: ICL02131.D
Als bottle: 49 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	1.648	1.648	(0.231)	164366	5.00000	4.8101
	2 Chloromethane	50	1.810	1.810	(0.253)	264729	5.00000	4.4484
$	3 Vinyl Chloride-d3	65	1.921	1.911	(0.269)	142468	5.00000	4.4258
	4 Vinyl Chloride	62	1.921	1.921	(0.269)	216794	5.00000	4.5555
	5 Bromomethane	94	2.266	2.256	(0.317)	132685	5.00000	4.5667
$	6 Chloroethane-d5	69	2.337	2.337	(0.327)	126559	5.00000	4.3196
	7 Chloroethane	64	2.367	2.357	(0.331)	121818	5.00000	4.6184
	8 Trichlorofluoromethane	101	2.580	2.569	(0.361)	223631	5.00000	4.7560
$	9 1,1-Dichloroethene-d2	63	3.136	3.137	(0.439)	393198	5.00000	4.7445
	10 1,1,2-Trichloro-1,2,2-trifluo	101	3.126	3.126	(0.438)	18883	5.00000	4.6369
	11 1,1-Dichloroethene	96	3.147	3.147	(0.440)	185424	5.00000	4.7708
	12 Acetone	43	3.288	3.288	(0.460)	216544	50.0000	46.7561
	13 Carbon Disulfide	76	3.420	3.410	(0.479)	625615	5.00000	4.6681
	14 Methyl Acetate	43	3.653	3.653	(0.511)	163948	5.00000	4.8410
	15 Methylene Chloride	84	3.825	3.825	(0.535)	211270	5.00000	4.5878
	16 Methyl tert-Butyl Ether	73	4.078	4.078	(0.571)	600987	5.00000	4.7670
	17 trans-1,2-Dichloroethene	96	4.119	4.119	(0.576)	214511	5.00000	4.6684
	18 1,1-Dichloroethane	63	4.726	4.726	(0.661)	419176	5.00000	4.6978
$	19 2-Butanone-d5	46	5.455	5.455	(0.763)	675729	50.0000	54.4143
	20 cis-1,2-Dichloroethene	96	5.506	5.496	(0.770)	227105	5.00000	4.6256
	21 2-Butanone	43	5.536	5.536	(0.775)	708004	50.0000	55.4147
	22 Bromochloromethane	128	5.820	5.820	(0.814)	98330	5.00000	4.6048
$	23 Chloroform-d	84	5.881	5.881	(0.823)	368959	5.00000	4.7046
	24 Chloroform	83	5.911	5.911	(0.827)	381967	5.00000	4.6306

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	25 1,1,1-Trichloroethane	97	6.093	6.093	(0.568)	318438	5.00000	4.6804
	26 Cyclohexane	56	6.073	6.063	(0.566)	419799	5.00000	4.7564
	27 Carbon Tetrachloride	117	6.265	6.255	(0.584)	266857	5.00000	4.7700
$	28 1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	187545	5.00000	4.6823
$	29 Benzene-d6	84	6.529	6.529	(0.608)	778299	5.00000	4.5678
	30 Benzene	78	6.579	6.579	(0.613)	884080	5.00000	4.5887
	31 1,2-Dichloroethane	62	6.711	6.711	(0.939)	250136	5.00000	4.7176
*	32 1,4-Difluorobenzene	114	7.146	7.147	(1.000)	726577	5.00000	
	33 Trichloroethene	95	7.440	7.440	(0.693)	228427	5.00000	4.6511
$	34 1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	256851	5.00000	4.6374
	35 Methylcyclohexane	83	7.592	7.592	(0.707)	383491	5.00000	4.7639
	36 1,2-Dichloropropane	63	7.815	7.815	(0.728)	244185	5.00000	4.6577
	37 Bromodichloromethane	83	8.169	8.169	(0.761)	263204	5.00000	4.5961
	38 1,4-Dioxane	88	7.987	7.987	(1.118)	40394	250.000	237.2529 (M)
$	39 1,4-Dioxane-d8	96	7.926	7.906	(1.109)	33945	250.000	221.1429
$	40 trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	145545	5.00000	4.5965
	41 cis-1,3-Dichloropropene	75	8.787	8.787	(0.819)	359508	5.00000	4.6286
	42 4-Methyl-2-pentanone	43	8.989	8.989	(0.838)	2058397	50.0000	53.6235
$	43 Toluene-d8	98	9.081	9.081	(0.846)	703152	5.00000	4.5440
	44 Toluene	91	9.162	9.162	(0.854)	943206	5.00000	4.6585
	45 trans-1,3-Dichloropropene	75	9.546	9.546	(0.890)	293820	5.00000	4.6103
	46 1,1,2-Trichloroethane	97	9.759	9.759	(0.909)	163234	5.00000	4.6447
	47 Tetrachloroethene	164	9.800	9.800	(0.913)	190859	5.00000	4.6506
$	48 2-Hexanone-d5	63	9.962	9.962	(0.928)	777056	50.0000	52.1345
	49 2-Hexanone	43	10.012	10.012	(0.933)	1503271	50.0000	52.0249
	50 Dibromochloromethane	129	10.164	10.164	(0.947)	161421	5.00000	4.4879
	51 1,2-Dibromoethane	107	10.296	10.296	(0.959)	165840	5.00000	4.6947
*	52 Chlorobenzene-d5	117	10.731	10.731	(1.000)	673665	5.00000	
	53 Chlorobenzene	112	10.762	10.762	(1.003)	616390	5.00000	4.6272
	54 Ethylbenzene	91	10.832	10.832	(1.009)	1068137	5.00000	4.6878
	55 m+p-Xylenes	106	10.944	10.944	(1.020)	418369	5.00000	4.7032
	56 o-Xylene	106	11.318	11.319	(1.055)	405289	5.00000	4.6655
	57 Styrene	104	11.339	11.339	(1.057)	685364	5.00000	5.0827
	58 Bromoform	173	11.531	11.531	(0.907)	77672	5.00000	4.6118
	59 Isopropylbenzene	105	11.622	11.622	(1.083)	1022815	5.00000	4.6234
$	60 1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	192307	5.00000	4.5762
	61 1,1,2,2-Tetrachloroethane	83	11.936	11.936	(1.112)	200160	5.00000	4.5323
	62 1,3-Dichlorobenzene	146	12.655	12.655	(0.995)	502415	5.00000	4.6493
*	63 1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	333660	5.00000	
	64 1,4-Dichlorobenzene	146	12.726	12.726	(1.001)	513068	5.00000	4.6116
$	65 1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	262675	5.00000	4.5671
	66 1,2-Dichlorobenzene	146	13.010	13.010	(1.023)	448464	5.00000	4.6157
	67 1,2-Dibromo-3-chloropropane	75	13.577	13.587	(1.068)	31051	5.00000	4.4735
	68 1,2,4-Trichlorobenzene	180	14.123	14.124	(1.111)	297290	5.00000	4.0930
	69 1,2,3-Trichlorobenzene	180	14.488	14.488	(1.139)	246326	5.00000	3.9077
	70 1,2,4-Trimethylbenzene	105	12.412	12.412	(1.737)	778487	5.00000	4.8322
	71 1,3,5-Trimethylbenzene	105	11.622	11.622	(1.626)	1023209	5.00000	4.6941
	72 tert-butyl alcohol	59	3.947	3.957	(0.552)	73739	50.0000	44.6152 (M)
	73 tert-amyl methyl ether	73	6.691	6.691	(0.936)	1304804	50.0000	47.3350
	74 Ethyl tert-butyl ether	59	5.172	5.172	(0.724)	1377152	50.0000	46.9741
	75 Bromobenzene	77	11.916	11.916	(1.110)	374284	5.00000	4.5936
	76 n-Butylbenzene	91	12.939	12.939	(1.018)	783268	5.00000	4.5944
	77 sec-Butylbenzene	105	12.534	12.534	(0.986)	1004089	5.00000	4.6316
	78 tert-Butylbenzene	119	12.361	12.362	(0.972)	673844	5.00000	4.6554

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
79	2-Chlorotoluene	91	12.068	12.068	(0.949)	743414	5.00000	4.7900
80	4-Chlorotoluene	91	12.159	12.159	(0.956)	699472	5.00000	4.6639
81	Dibromomethane	93	7.977	7.967	(1.116)	100956	5.00000	4.7440
82	1,3-Dichloropropane	76	9.951	9.951	(0.927)	337480	5.00000	4.7587
83	2,2-Dichloropropane	77	5.455	5.455	(0.763)	405155	5.00000	5.1245
84	1,1-Dichloropropene	75	6.306	6.316	(0.882)	277408	5.00000	4.6863
85	Hexachlorbutadiene	225	14.194	14.194	(1.116)	140959	5.00000	4.1349
86	p-Isopropyltoluene	119	12.635	12.635	(0.994)	850056	5.00000	4.6439
87	Napthalene	128	14.316	14.316	(1.126)	506745	5.00000	4.2186
88	n-Propylbenzene	91	11.967	11.967	(0.941)	1145115	5.00000	4.7459
89	1,1,1,2-Tetrachloroethane	131	10.843	10.843	(1.010)	192107	5.00000	4.6323
90	1,2,3-Trichloropropane	110	11.987	11.987	(1.117)	51410	5.00000	4.6258
91	Hexane	57	4.362	4.362	(0.610)	320757	5.00000	4.8988
92	Isopropanol	45	3.430	3.441	(0.480)	394382	250.000	81.9632 (M) DLB2/27

QC Flag Legend

M - Compound response manually integrated.

Data File: \\organics\DD\chem\msd8.i\8feb1307.b\ICL02133.D

Date : 13-FEB-2007 11:51

Client ID: VSTD00613

Instrument: msd8.i

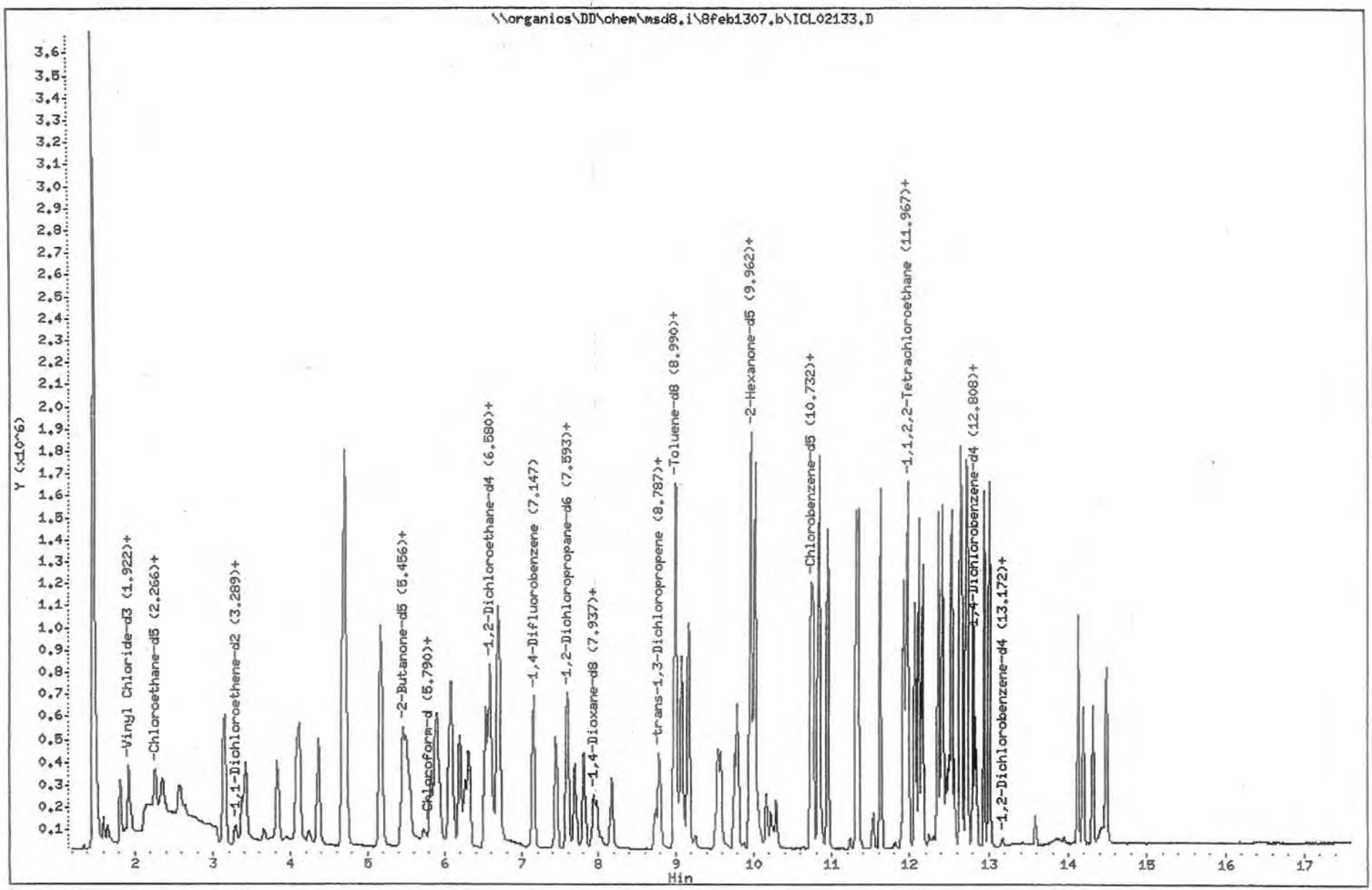
Sample Info: 8feb1307.b, ICL02133

Operator: DLB

Purge Volume: 25.0

Column diameter: 0.25

Column phase: DB-624



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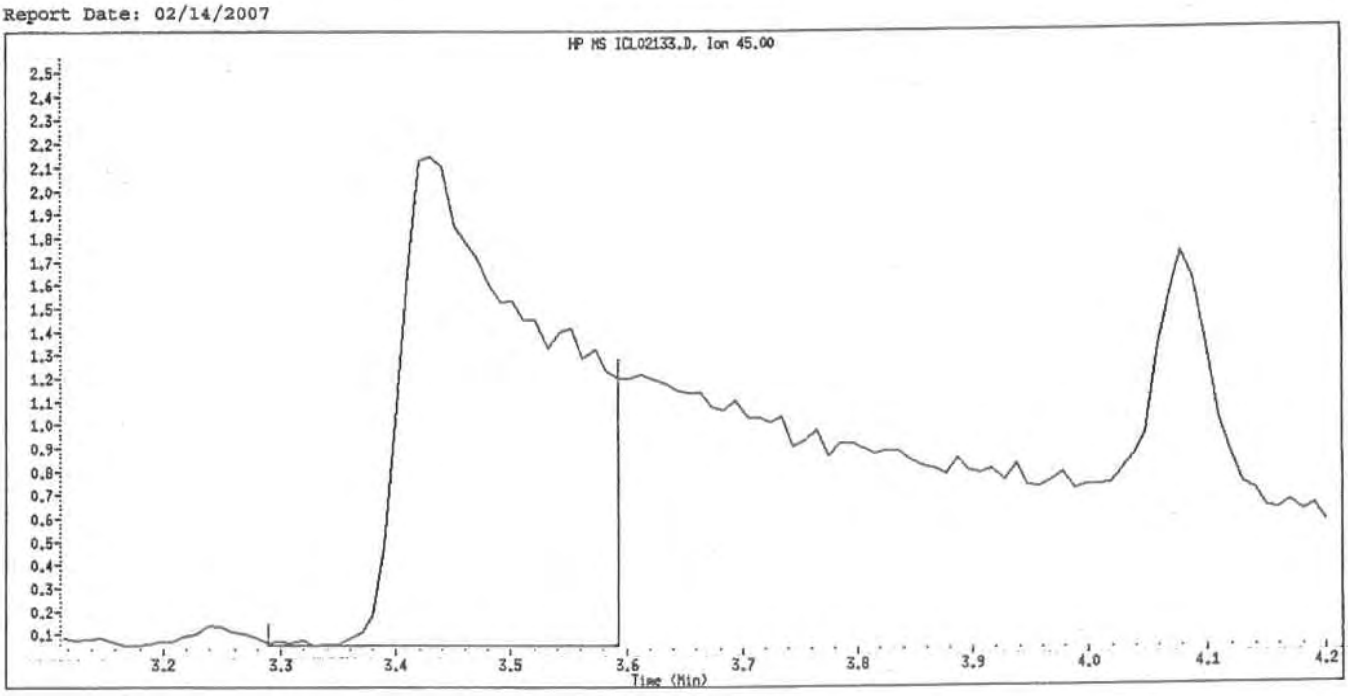
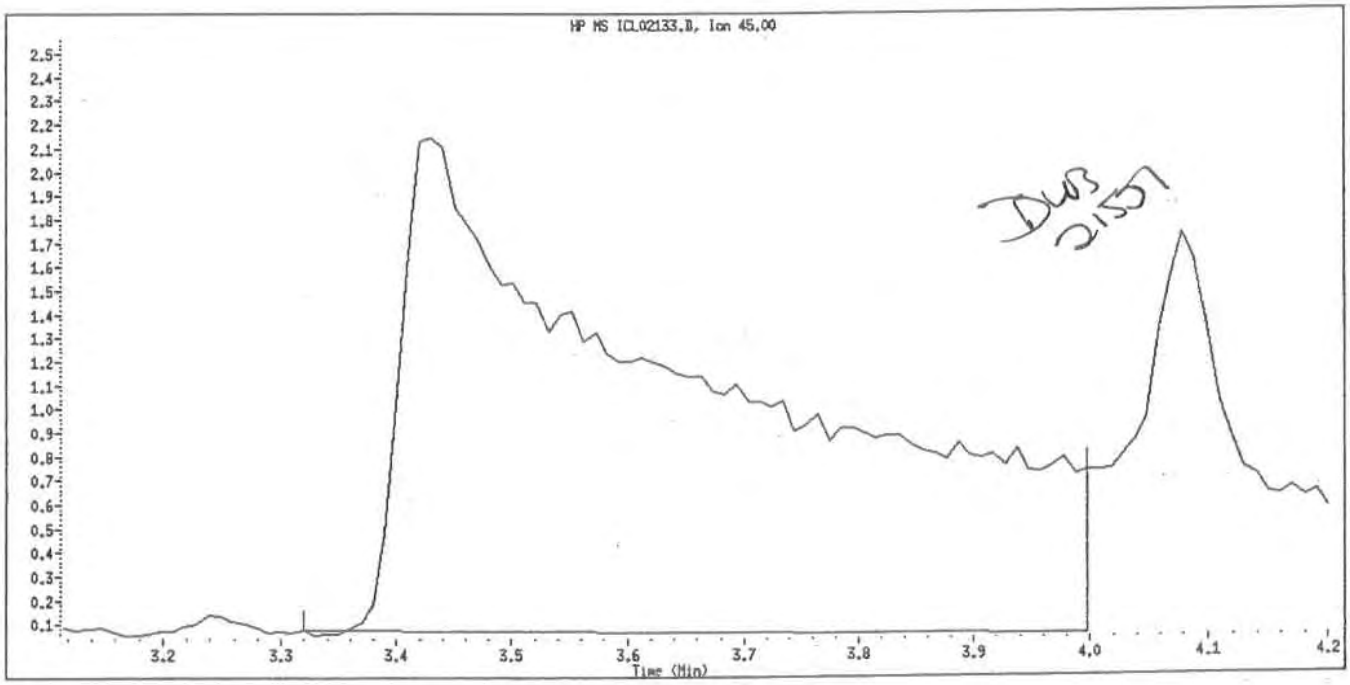
Inj. Date and Time: 13-FEB-2007 11:51
Instrument ID: msd8.i
Client ID: VSTD00513
Compound Name: Isopropanol
CAS #: 67-63-0
Report Date: 02/14/2007



Original Integration



Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

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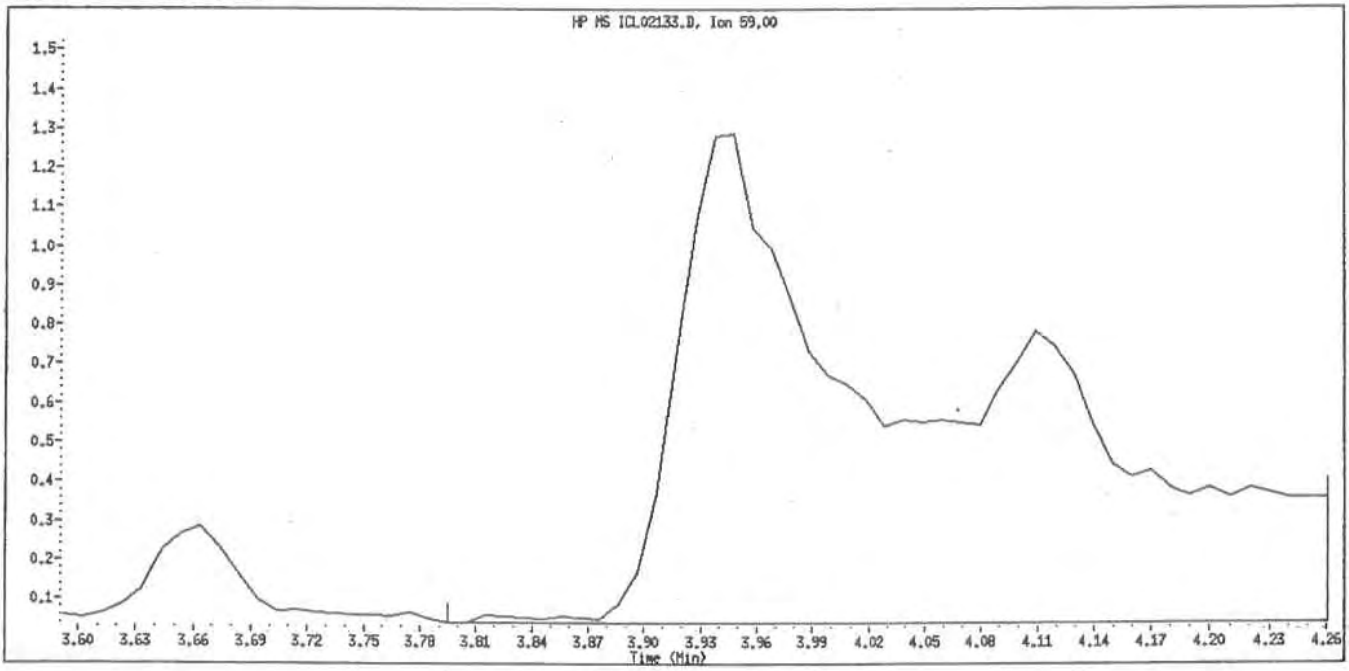
Inj. Date and Time: 13-FEB-2007 11:51
Instrument ID: msd8.i
Client ID: VSTD00513
Compound Name: tert-butyl alcohol
CAS #: 75-65-0
Report Date: 02/14/2007



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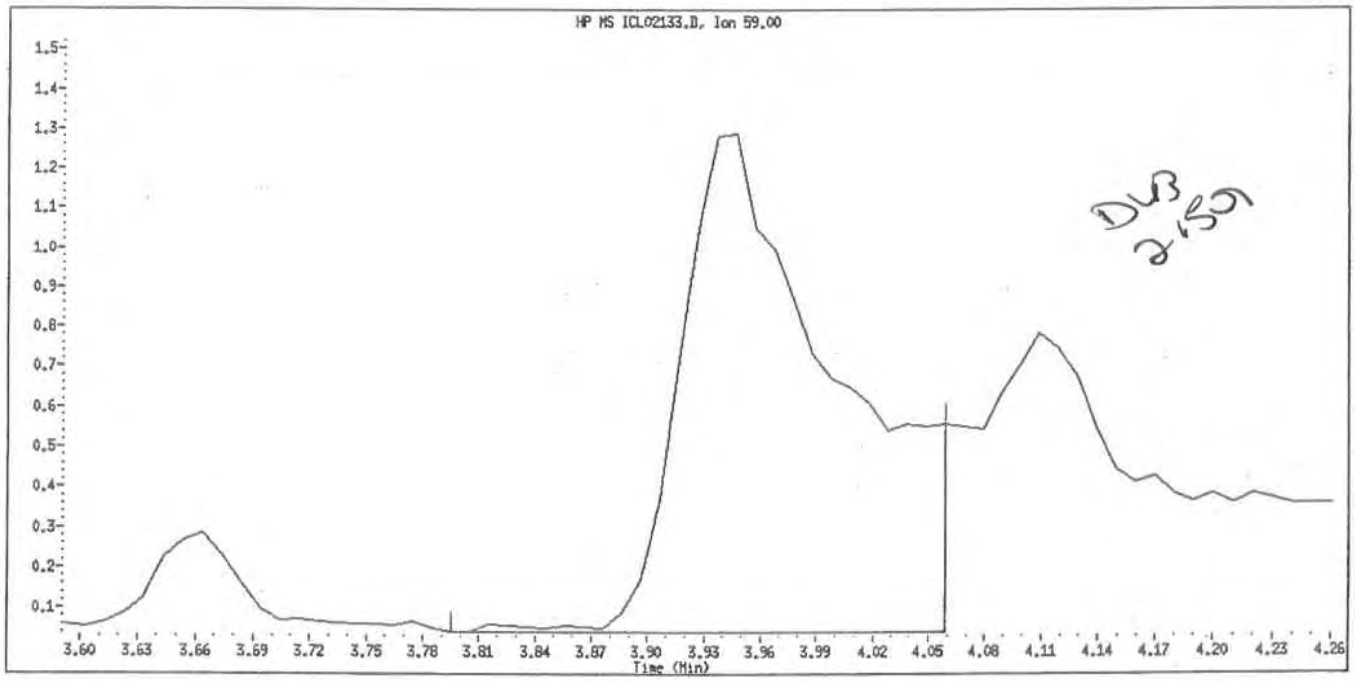

Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

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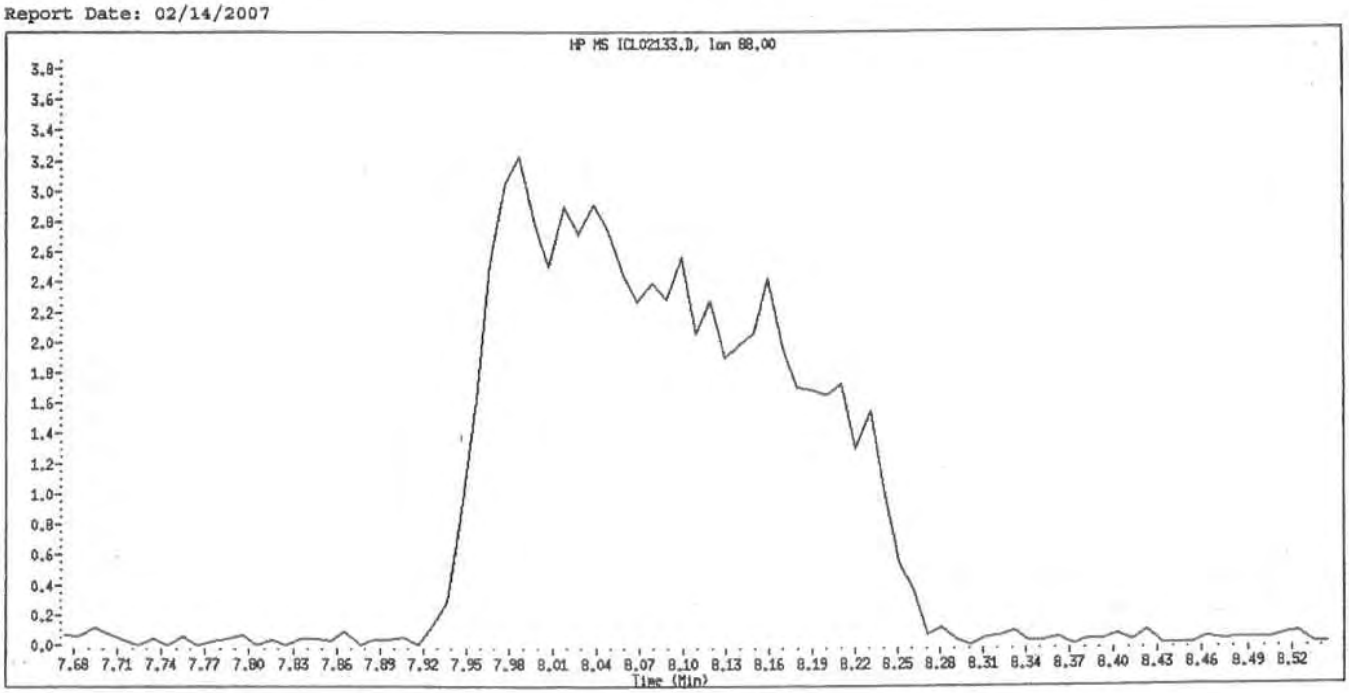
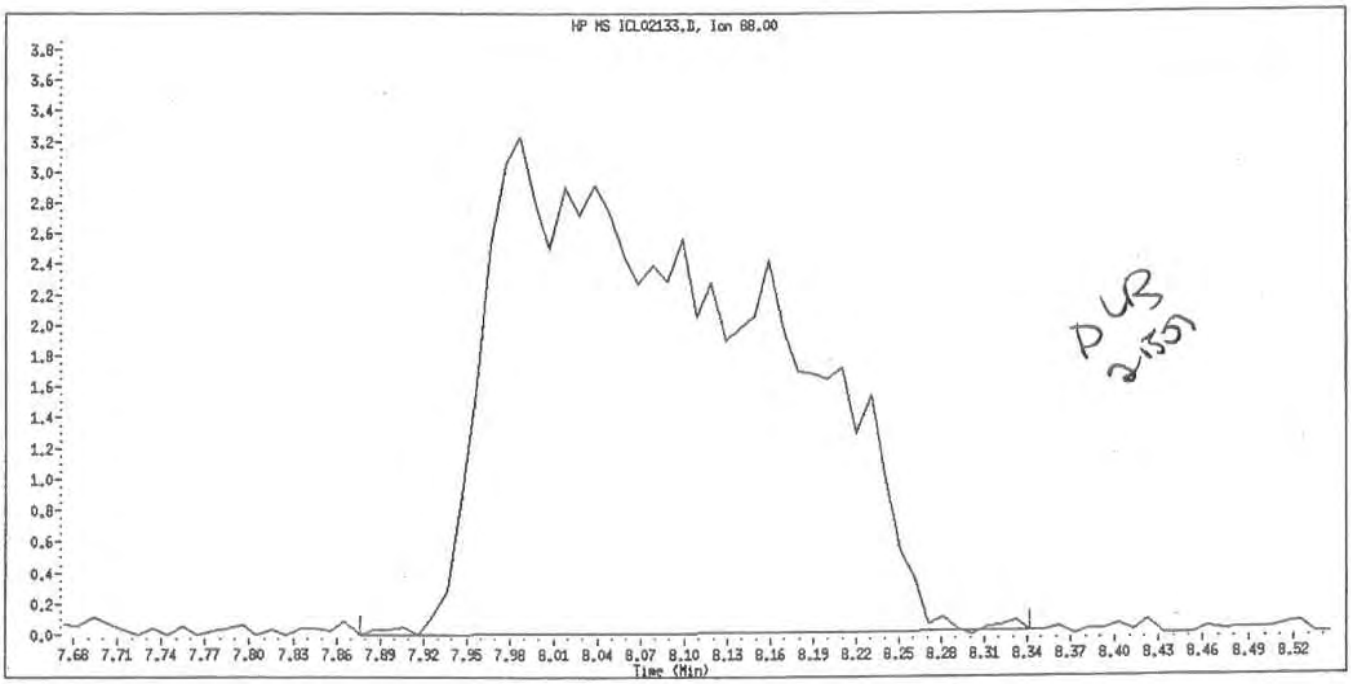
Inj. Date and Time: 13-FEB-2007 11:51
Instrument ID: msd8.i
Client ID: VSTD00513
Compound Name: 1,4-Dioxane
CAS #: 123-91-1
Report Date: 02/14/2007



Original Integration



Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1307.b\ICL02134.D
Lab Smp Id: ICL02134 Client Smp ID: VSTD01013
Inj Date : 13-FEB-2007 11:29
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1307.b, ICL02134
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb1307.b\TRACE1359.m
Meth Date : 14-Feb-2007 13:30 ttn Quant Type: ISTD
Cal Date : 13-FEB-2007 11:29 Cal File: ICL02134.D
Als bottle: 49 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	1.648	1.648	(0.231)	358011	10.0000	10.8585
	2 Chloromethane	50	1.810	1.810	(0.253)	550994	10.0000	9.5958
$	3 Vinyl Chloride-d3	65	1.911	1.911	(0.267)	294607	10.0000	9.4852
	4 Vinyl Chloride	62	1.921	1.921	(0.269)	452510	10.0000	9.8548
	5 Bromomethane	94	2.255	2.256	(0.316)	278185	10.0000	9.9231
$	6 Chloroethane-d5	69	2.326	2.337	(0.326)	248991	10.0000	8.8077
	7 Chloroethane	64	2.356	2.357	(0.330)	246819	10.0000	9.6982
	8 Trichlorofluoromethane	101	2.569	2.569	(0.360)	457959	10.0000	10.0942
$	9 1,1-Dichloroethene-d2	63	3.126	3.137	(0.437)	743599	10.0000	9.2992
	10 1,1,2-Trichloro-1,2,2-trifluo	101	3.116	3.126	(0.436)	38209	10.0000	9.7242
	11 1,1-Dichloroethene	96	3.146	3.147	(0.440)	351418	10.0000	9.3709
	12 Acetone	43	3.288	3.288	(0.460)	484733	100.000	108.4732
	13 Carbon Disulfide	76	3.410	3.410	(0.477)	1188751	10.0000	9.1929
	14 Methyl Acetate	43	3.653	3.653	(0.511)	306558	10.0000	9.3814
	15 Methylene Chloride	84	3.815	3.825	(0.534)	420507	10.0000	9.4639
	16 Methyl tert-Butyl Ether	73	4.078	4.078	(0.571)	1207569	10.0000	9.9271
	17 trans-1,2-Dichloroethene	96	4.108	4.119	(0.575)	416861	10.0000	9.4023
	18 1,1-Dichloroethane	63	4.716	4.726	(0.660)	812449	10.0000	9.4368
$	19 2-Butanone-d5	46	5.455	5.455	(0.763)	1229640	100.000	102.6234
	20 cis-1,2-Dichloroethene	96	5.496	5.496	(0.769)	448279	10.0000	9.4628
	21 2-Butanone	43	5.536	5.536	(0.775)	1300792	100.000	105.5176
	22 Bromochloromethane	128	5.820	5.820	(0.814)	197688	10.0000	9.5948
$	23 Chloroform-d	84	5.880	5.881	(0.823)	717386	10.0000	9.4805
	24 Chloroform	83	5.901	5.911	(0.826)	737205	10.0000	9.2626

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
25	1,1,1-Trichloroethane	97	6.093	6.093	(0.568)	607079	10.0000	9.5861
26	Cyclohexane	56	6.063	6.063	(0.565)	805064	10.0000	9.7997
27	Carbon Tetrachloride	117	6.255	6.255	(0.583)	511176	10.0000	9.8163
$ 28	1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	369071	10.0000	9.5498
$ 29	Benzene-d6	84	6.529	6.529	(0.608)	1545384	10.0000	9.7440
30	Benzene	78	6.579	6.579	(0.613)	1717860	10.0000	9.5792
31	1,2-Dichloroethane	62	6.711	6.711	(0.939)	498171	10.0000	9.7377
* 32	1,4-Difluorobenzene	114	7.146	7.147	(1.000)	701058	5.00000	
33	Trichloroethene	95	7.440	7.440	(0.693)	435353	10.0000	9.5234
$ 34	1,2-Dichloropropane-d6	67	7.683	7.693	(0.716)	504073	10.0000	9.7774
35	Methylcyclohexane	83	7.592	7.592	(0.707)	738358	10.0000	9.8540
36	1,2-Dichloropropane	63	7.804	7.815	(0.727)	466912	10.0000	9.5682
37	Bromodichloromethane	83	8.169	8.169	(0.761)	518258	10.0000	9.7227
38	1,4-Dioxane	88	7.987	7.987	(1.118)	58368	400.000	355.3017
$ 39	1,4-Dioxane-d8	96	7.916	7.906	(1.108)	48686	400.000	328.7221
$ 40	trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	290880	10.0000	9.8692
41	cis-1,3-Dichloropropene	75	8.787	8.787	(0.819)	697243	10.0000	9.6441
42	4-Methyl-2-pentanone	43	8.989	8.989	(0.838)	3431154	100.000	96.0293
$ 43	Toluene-d8	98	9.080	9.081	(0.846)	1378109	10.0000	9.5678
44	Toluene	91	9.161	9.162	(0.854)	1792356	10.0000	9.5105
45	trans-1,3-Dichloropropene	75	9.546	9.546	(0.890)	586984	10.0000	9.8950
46	1,1,2-Trichloroethane	97	9.759	9.759	(0.909)	308481	10.0000	9.4302
47	Tetrachloroethene	164	9.799	9.800	(0.913)	364996	10.0000	9.5548
$ 48	2-Hexanone-d5	63	9.961	9.962	(0.928)	1304202	100.000	94.0059
49	2-Hexanone	43	10.012	10.012	(0.933)	2501878	100.000	93.0204
50	Dibromochloromethane	129	10.154	10.164	(0.946)	320688	10.0000	9.5788
51	1,2-Dibromoethane	107	10.285	10.296	(0.958)	309718	10.0000	9.4194
* 52	Chlorobenzene-d5	117	10.731	10.731	(1.000)	627056	5.00000	
53	Chlorobenzene	112	10.761	10.762	(1.003)	1176086	10.0000	9.4850
54	Ethylbenzene	91	10.832	10.832	(1.009)	2008793	10.0000	9.4715
55	m+p-Xylenes	106	10.944	10.944	(1.020)	790834	10.0000	9.5512
56	o-Xylene	106	11.318	11.319	(1.055)	783325	10.0000	9.6876
57	Styrene	104	11.338	11.339	(1.057)	1328482	10.0000	10.5845
58	Bromoform	173	11.531	11.531	(0.907)	162231	10.0000	9.5415
59	Isopropylbenzene	105	11.622	11.622	(1.083)	1987977	10.0000	9.6541
$ 60	1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	370016	10.0000	9.4596
61	1,1,2,2-Tetrachloroethane	83	11.936	11.936	(1.112)	387357	10.0000	9.4231
62	1,3-Dichlorobenzene	146	12.655	12.655	(0.995)	1023727	10.0000	9.3840
* 63	1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	336841	5.00000	
64	1,4-Dichlorobenzene	146	12.726	12.726	(1.001)	1043895	10.0000	9.2942
$ 65	1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	549011	10.0000	9.4555
66	1,2-Dichlorobenzene	146	13.009	13.010	(1.023)	929896	10.0000	9.4805
67	1,2-Dibromo-3-chloropropane	75	13.587	13.587	(1.068)	63104	10.0000	9.0056
68	1,2,4-Trichlorobenzene	180	14.123	14.124	(1.111)	772496	10.0000	10.5351
69	1,2,3-Trichlorobenzene	180	14.488	14.488	(1.139)	679108	10.0000	10.6717
70	1,2,4-Trimethylbenzene	105	12.412	12.412	(1.737)	1565408	10.0000	10.0706
71	1,3,5-Trimethylbenzene	105	11.622	11.622	(1.626)	1988649	10.0000	9.4553
72	tert-butyl alcohol	59	3.946	3.957	(0.552)	135931	100.000	85.2378 (M)
73	tert-amyl methyl ether	73	6.680	6.691	(0.935)	2468114	100.000	92.7962
74	Ethyl tert-butyl ether	59	5.161	5.172	(0.722)	2713179	100.000	95.9143
75	Bromobenzene	77	11.916	11.916	(1.110)	737411	10.0000	9.7231
76	n-Butylbenzene	91	12.938	12.939	(1.018)	1657492	10.0000	9.6306
77	sec-Butylbenzene	105	12.533	12.534	(0.986)	2045830	10.0000	9.3477
78	tert-Butylbenzene	119	12.361	12.362	(0.972)	1353002	10.0000	9.2594

DLB 2-27

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
79 2-Chlorotoluene	91	12.068	12.068	(0.949)	1467490	10.0000	9.3661
80 4-Chlorotoluene	91	12.159	12.159	(0.956)	1394856	10.0000	9.2128
81 Dibromomethane	93	7.966	7.967	(1.115)	199170	10.0000	9.7000
82 1,3-Dichloropropane	76	9.951	9.951	(0.927)	620589	10.0000	9.4012
83 2,2-Dichloropropane	77	5.455	5.455	(0.763)	759443	10.0000	9.9553
84 1,1-Dichloropropene	75	6.306	6.316	(0.882)	538067	10.0000	9.4206
85 Hexachlorbutadiene	225	14.194	14.194	(1.116)	354480	10.0000	10.3002
86 p-Isopropyltoluene	119	12.635	12.635	(0.994)	1739172	10.0000	9.4116
87 Napthalene	128	14.316	14.316	(1.126)	1226371	10.0000	10.1131
88 n-Propylbenzene	91	11.966	11.967	(0.941)	2237698	10.0000	9.1866
89 1,1,1,2-Tetrachloroethane	131	10.842	10.843	(1.010)	373892	10.0000	9.6859
90 1,2,3-Trichloropropane	110	11.987	11.987	(1.117)	96607	10.0000	9.3388
91 Hexane	57	4.361	4.362	(0.610)	606084	10.0000	9.5935
92 Isopropanol	45	3.430	3.441	(0.480)	709515	500.000	234.2756 (M)

QC Flag Legend

M - Compound response manually integrated.

Data File: \\organics\DD\chem\msd8.i\8feb1307.b\ICL02134.D

Date : 13-FEB-2007 11:29

Client ID: VSTD01013

Instrument: msd8.i

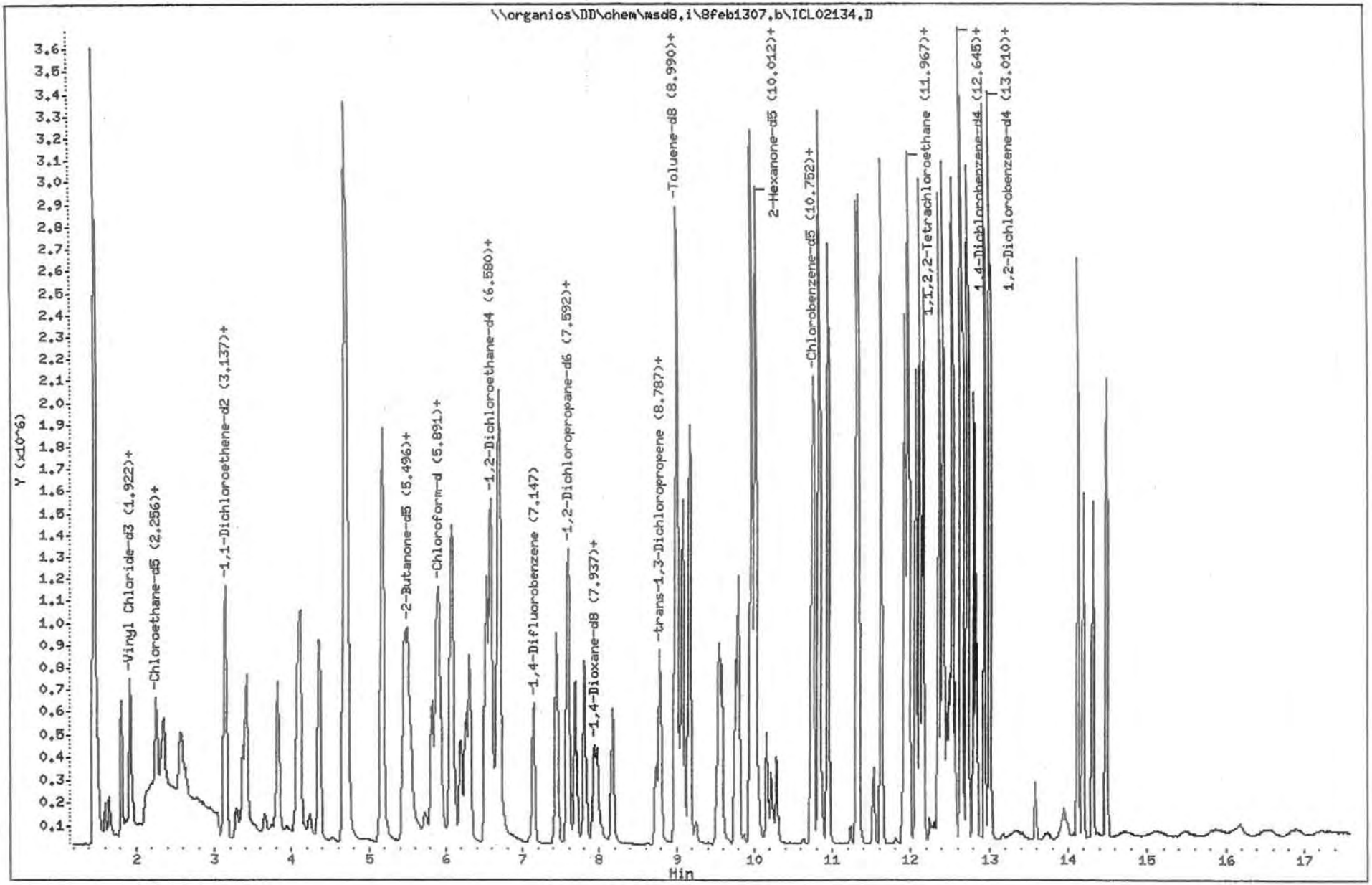
Sample Info: 8feb1307.b, ICL02134

Operator: DLB

Purge Volume: 25.0

Column diameter: 0.25

Column phase: DB-624



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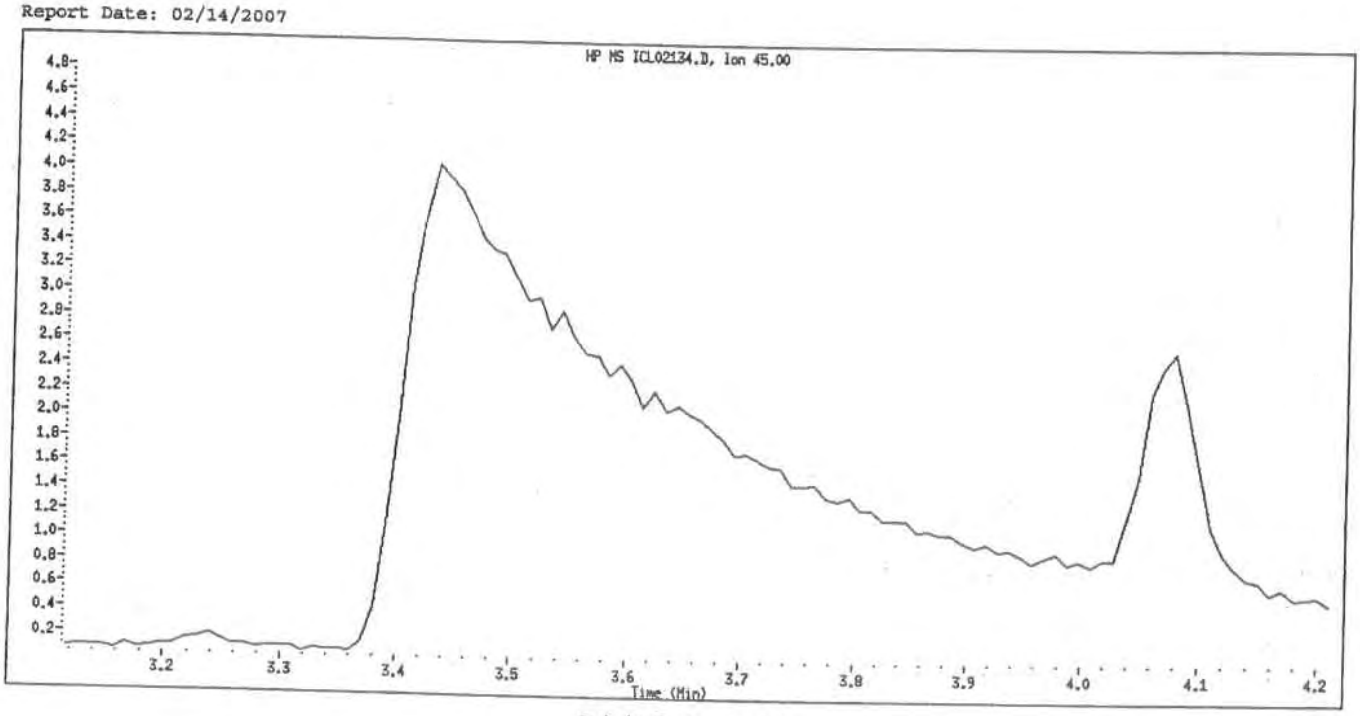
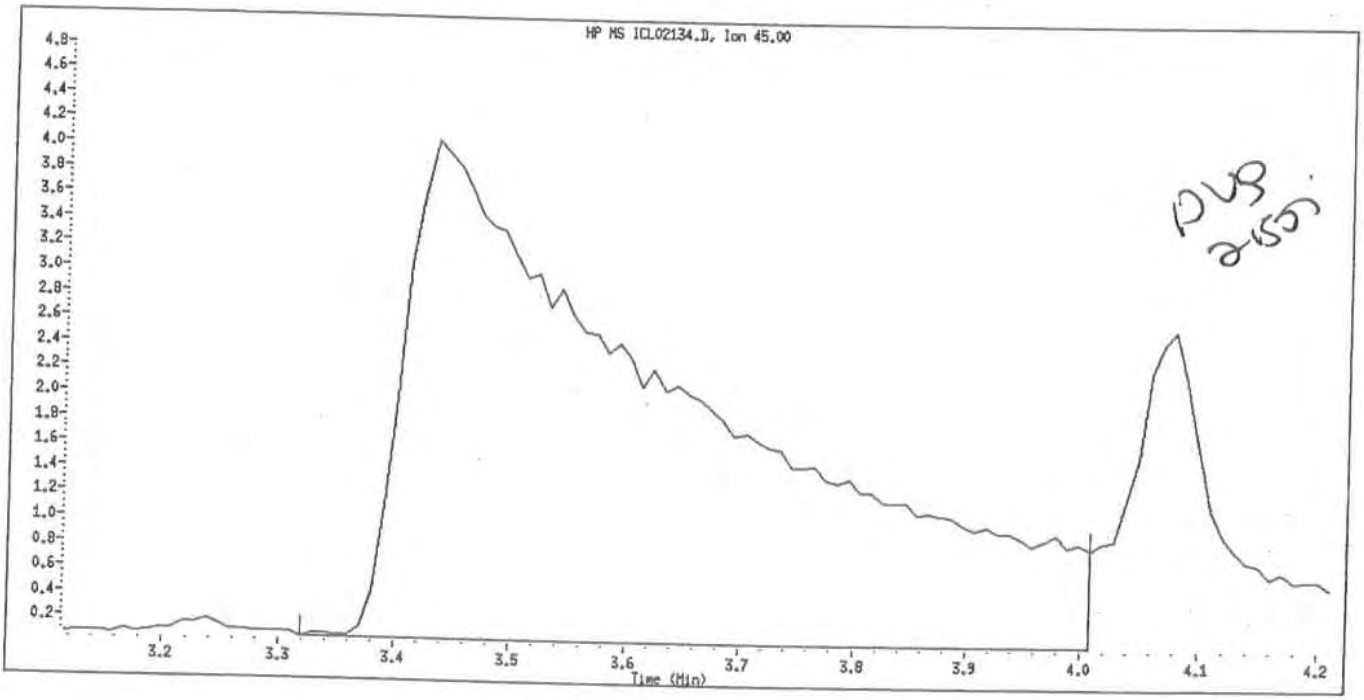
Inj. Date and Time: 13-FEB-2007 11:29
Instrument ID: msd8.i
Client ID: VSTD01013
Compound Name: Isopropanol
CAS #: 67-63-0
Report Date: 02/14/2007



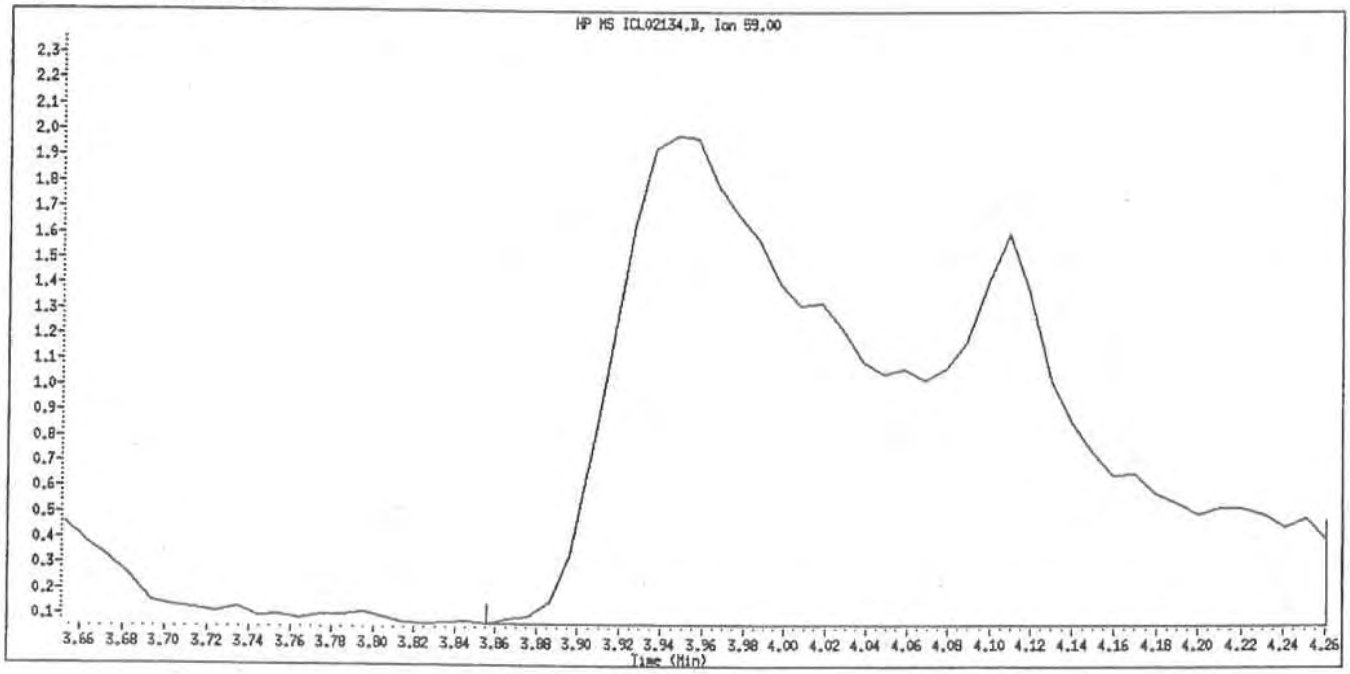
Original Integration



Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Data File Name: ICL02134.D
Inj. Date and Time: 13-FEB-2007 11:29
Instrument ID: msd8.i
Client ID: VSTD01013
Compound Name: tert-butyl alcohol
CAS #: 75-65-0
Report Date: 02/14/2007



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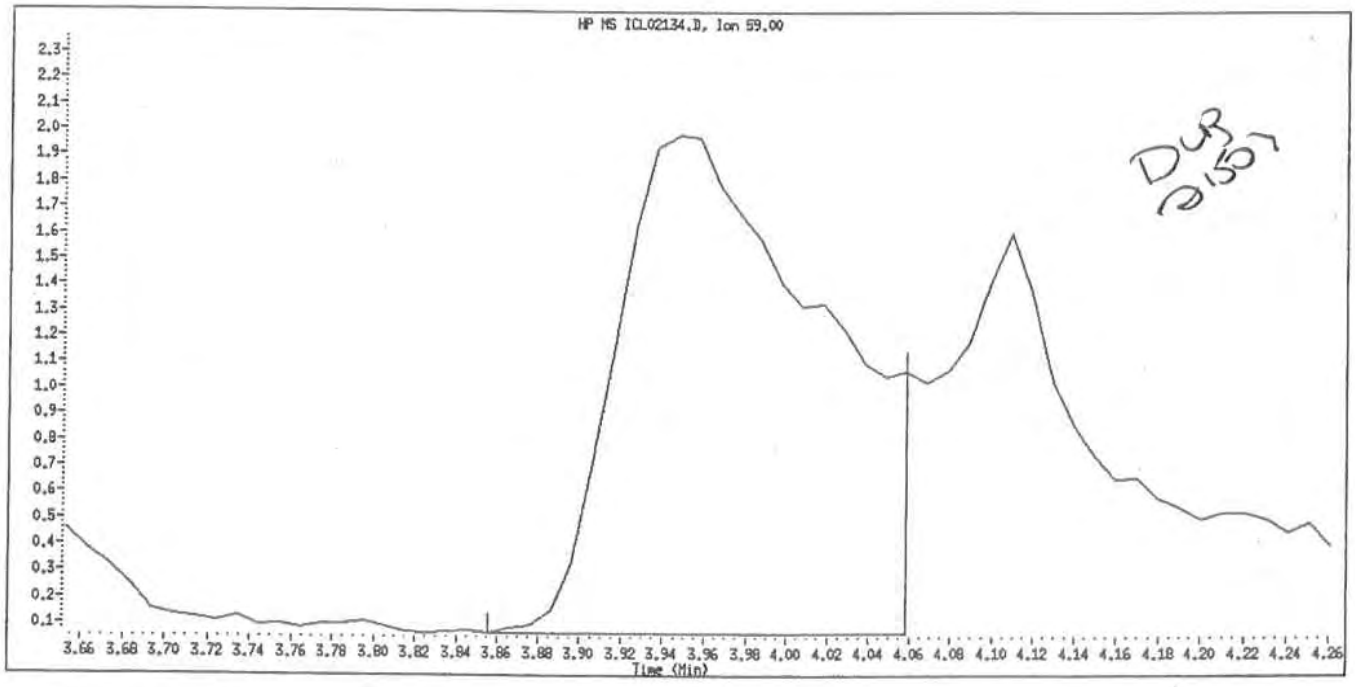
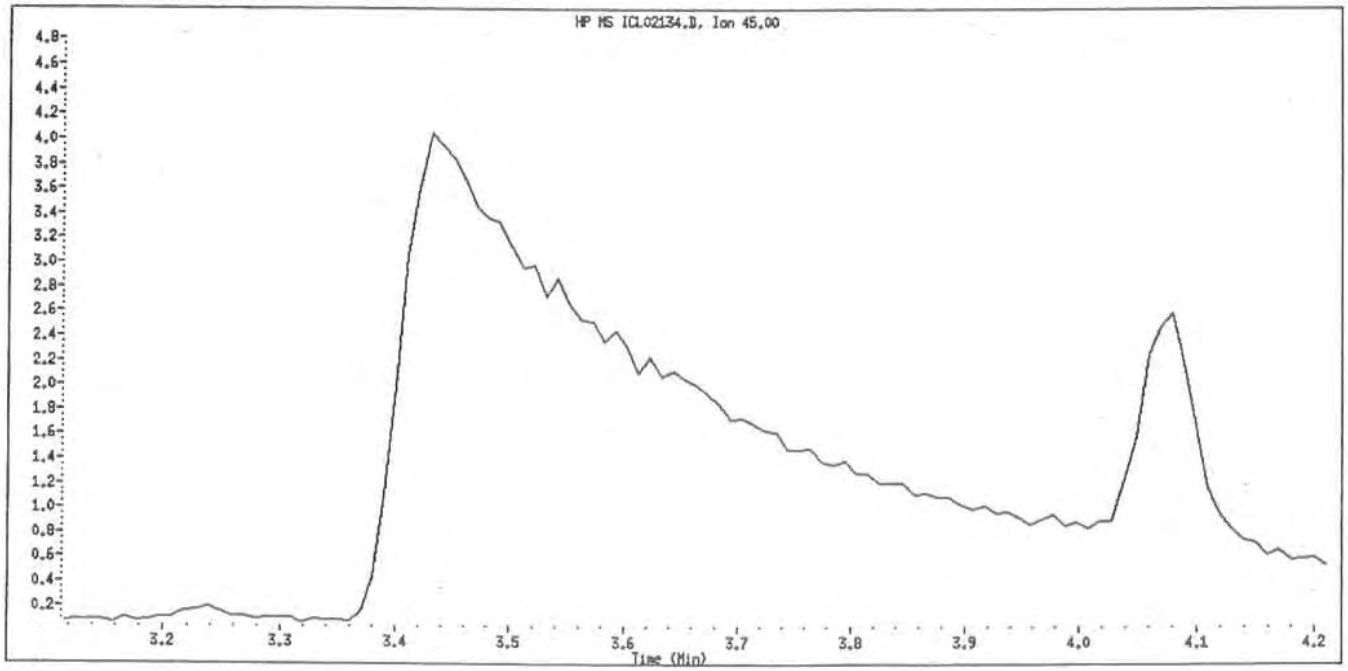


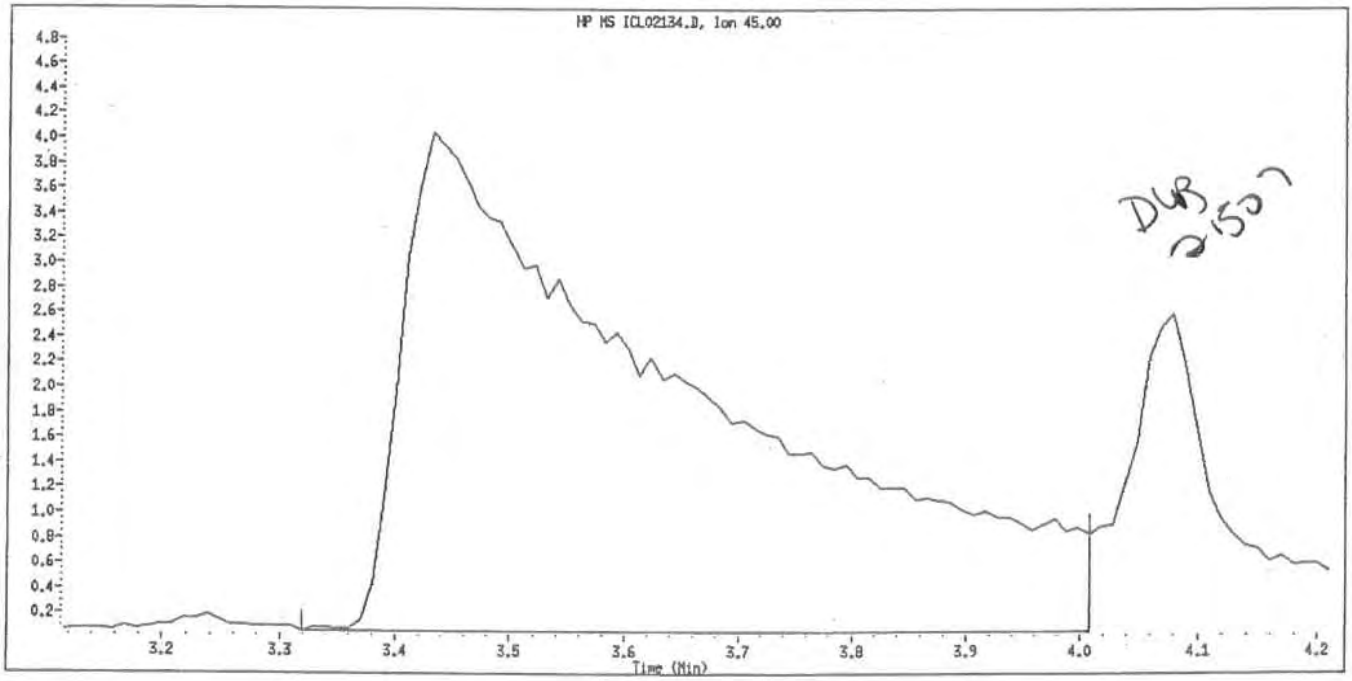
Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Data File Name: ICL02134.D
Inj. Date and Time: 13-FEB-2007 11:29
Instrument ID: msd8.i
Client ID: VSTD01013
Compound Name: Isopropanol
CAS #: 67-63-0
Report Date: 02/15/2007



Original Integration



Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1307.b\ICL02135.D
Lab Smp Id: ICL02135 Client Smp ID: VSTD02013
Inj Date : 13-FEB-2007 11:05
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1307.b, ICL02135
Misc Info :
Comment :
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Meth Date : 14-Feb-2007 13:30 ttn Quant Type: ISTD
Cal Date : 13-FEB-2007 11:05 Cal File: ICL02135.D
Als bottle: 49 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	1.648	1.648	(0.231)	854302	20.0000	24.7534 (A)
	2 Chloromethane	50	1.810	1.810	(0.253)	1307216	20.0000	21.7486 (A)
$	3 Vinyl Chloride-d3	65	1.921	1.911	(0.269)	718837	20.0000	22.1097 (A)
	4 Vinyl Chloride	62	1.931	1.921	(0.270)	1120822	20.0000	23.3189 (A)
	5 Bromomethane	94	2.255	2.256	(0.316)	587874	20.0000	20.0331 (A)
$	6 Chloroethane-d5	69	2.336	2.337	(0.327)	539706	20.0000	18.2385
	7 Chloroethane	64	2.357	2.357	(0.330)	536841	20.0000	20.1515 (A)
	8 Trichlorofluoromethane	101	2.579	2.569	(0.361)	1029451	20.0000	21.6771 (A)
$	9 1,1-Dichloroethene-d2	63	3.126	3.137	(0.437)	1856471	20.0000	22.1791 (A)
	10 1,1,2-Trichloro-1,2,2-trifluo	101	3.126	3.126	(0.437)	85891	20.0000	20.8827 (A)
	11 1,1-Dichloroethene	96	3.146	3.147	(0.440)	877158	20.0000	22.3453 (A)
	12 Acetone	43	3.278	3.288	(0.459)	1258085	200.000	268.9549 (A)
	13 Carbon Disulfide	76	3.410	3.410	(0.477)	3074198	20.0000	22.7115 (A)
	14 Methyl Acetate	43	3.653	3.653	(0.511)	929565	20.0000	27.1761 (A)
	15 Methylene Chloride	84	3.815	3.825	(0.534)	1026376	20.0000	22.0675 (A)
	16 Methyl tert-Butyl Ether	73	4.068	4.078	(0.569)	2963942	20.0000	23.2772 (A)
	17 trans-1,2-Dichloroethene	96	4.108	4.119	(0.575)	995320	20.0000	21.4466 (A)
	18 1,1-Dichloroethane	63	4.716	4.726	(0.660)	1931689	20.0000	21.4347 (A)
$	19 2-Butanone-d5	46	5.455	5.455	(0.763)	3412592	200.000	272.0838 (A)
	20 cis-1,2-Dichloroethene	96	5.496	5.496	(0.769)	1099371	20.0000	22.1700 (A)
	21 2-Butanone	43	5.536	5.536	(0.775)	3417388	200.000	264.8262 (A)
	22 Bromochloromethane	128	5.820	5.820	(0.814)	496850	20.0000	23.0372 (A)
$	23 Chloroform-d	84	5.880	5.881	(0.823)	1726309	20.0000	21.7946 (A)
	24 Chloroform	83	5.901	5.911	(0.826)	1791107	20.0000	21.4990 (A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
25	1,1,1-Trichloroethane	97	6.093	6.093	(0.568)	1499287	20.0000	21.6605 (A)
26	Cyclohexane	56	6.063	6.063	(0.565)	1936679	20.0000	21.5687 (A)
27	Carbon Tetrachloride	117	6.255	6.255	(0.583)	1285768	20.0000	22.5905 (A)
$ 28	1,2-Dichloroethane-d4	65	6.599	6.610	(0.923)	928140	20.0000	22.9429 (A)
$ 29	Benzene-d6	84	6.518	6.529	(0.607)	3650291	20.0000	21.0578 (A)
30	Benzene	78	6.569	6.579	(0.612)	4192911	20.0000	21.3916 (A)
31	1,2-Dichloroethane	62	6.701	6.711	(0.938)	1223934	20.0000	22.8553 (A)
* 32	1,4-Difluorobenzene	114	7.146	7.147	(1.000)	733845	5.00000	
33	Trichloroethene	95	7.440	7.440	(0.693)	1055683	20.0000	21.1285 (A)
$ 34	1,2-Dichloropropane-d6	67	7.683	7.693	(0.716)	1198487	20.0000	21.2691 (A)
35	Methylcyclohexane	83	7.592	7.592	(0.707)	1768262	20.0000	21.5913 (A)
36	1,2-Dichloropropane	63	7.804	7.815	(0.727)	1153187	20.0000	21.6212 (A)
37	Bromodichloromethane	83	8.169	8.169	(0.761)	1304801	20.0000	22.3960 (A)
38	1,4-Dioxane	88	7.977	7.987	(1.116)	146556	800.000	852.2671 (A)
$ 39	1,4-Dioxane-d8	96	7.916	7.906	(1.108)	115220	800.000	743.1943
$ 40	trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	740494	20.0000	22.9867 (A)
41	cis-1,3-Dichloropropene	75	8.787	8.787	(0.819)	1756349	20.0000	22.2267 (A)
42	4-Methyl-2-pentanone	43	8.989	8.989	(0.838)	8658848	200.000	221.7220 (A)
$ 43	Toluene-d8	98	9.070	9.081	(0.845)	3373155	20.0000	21.4266 (A)
44	Toluene	91	9.161	9.162	(0.854)	4349071	20.0000	21.1135 (A)
45	trans-1,3-Dichloropropene	75	9.546	9.546	(0.890)	1491756	20.0000	23.0076 (A)
46	1,1,2-Trichloroethane	97	9.759	9.759	(0.909)	774580	20.0000	21.6642 (A)
47	Tetrachloroethene	164	9.799	9.800	(0.913)	892607	20.0000	21.3786 (A)
$ 48	2-Hexanone-d5	63	9.961	9.962	(0.928)	3267686	200.000	215.4944 (A)
49	2-Hexanone	43	10.012	10.012	(0.933)	6175329	200.000	210.0667 (A)
50	Dibromochloromethane	129	10.154	10.164	(0.946)	861595	20.0000	23.5459 (A)
51	1,2-Dibromoethane	107	10.285	10.296	(0.958)	790186	20.0000	21.9874 (A)
* 52	Chlorobenzene-d5	117	10.731	10.731	(1.000)	685364	5.00000	
53	Chlorobenzene	112	10.751	10.762	(1.002)	2852254	20.0000	21.0462 (A)
54	Ethylbenzene	91	10.832	10.832	(1.009)	4862710	20.0000	20.9773 (A)
55	m+p-Xylenes	106	10.944	10.944	(1.020)	1951162	20.0000	21.5602 (A)
56	o-Xylene	106	11.318	11.319	(1.055)	1927870	20.0000	21.8142 (A)
57	Styrene	104	11.339	11.339	(1.057)	3264271	20.0000	23.7950 (A)
58	Bromoform	173	11.531	11.531	(0.907)	493930	20.0000	25.2735 (A)
59	Isopropylbenzene	105	11.622	11.622	(1.083)	4830875	20.0000	21.4642 (A)
$ 60	1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	997099	20.0000	23.3227 (A)
61	1,1,2,2-Tetrachloroethane	83	11.936	11.936	(1.112)	1039805	20.0000	23.1431 (A)
62	1,3-Dichlorobenzene	146	12.655	12.655	(0.995)	2549710	20.0000	20.3335 (A)
* 63	1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	387177	5.00000	
64	1,4-Dichlorobenzene	146	12.726	12.726	(1.001)	2620663	20.0000	20.2993 (A)
$ 65	1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	1387946	20.0000	20.7965 (A)
66	1,2-Dichlorobenzene	146	13.009	13.010	(1.023)	2352470	20.0000	20.8658 (A)
67	1,2-Dibromo-3-chloropropane	75	13.587	13.587	(1.068)	191434	20.0000	23.7679 (A)
68	1,2,4-Trichlorobenzene	180	14.123	14.124	(1.111)	1918212	20.0000	22.7591 (A)
69	1,2,3-Trichlorobenzene	180	14.488	14.488	(1.139)	1704734	20.0000	23.3061 (A)
70	1,2,4-Trimethylbenzene	105	12.412	12.412	(1.737)	3914551	20.0000	24.0580 (A)
71	1,3,5-Trimethylbenzene	105	11.622	11.622	(1.626)	4829745	20.0000	21.9377 (A)
72	tert-butyl alcohol	59	3.936	3.957	(0.551)	523553	200.000	313.6346 (A)
73	tert-amyl methyl ether	73	6.680	6.691	(0.935)	6280019	200.000	225.5670 (A)
74	Ethyl tert-butyl ether	59	5.162	5.172	(0.722)	6603055	200.000	222.9973 (A)
75	Bromobenzene	77	11.916	11.916	(1.110)	1848586	20.0000	22.3008 (A)
76	n-Butylbenzene	91	12.938	12.939	(1.018)	4042731	20.0000	20.4359 (A)
77	sec-Butylbenzene	105	12.533	12.534	(0.986)	4955352	20.0000	19.6983
78	tert-Butylbenzene	119	12.361	12.362	(0.972)	3344459	20.0000	19.9124

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
79 2-Chlorotoluene	91	12.058	12.068	(0.948)	3251410	20.0000	18.0539
80 4-Chlorotoluene	91	12.159	12.159	(0.956)	3423285	20.0000	19.6708
81 Dibromomethane	93	7.967	7.967	(1.115)	508230	20.0000	23.6460 (A)
82 1,3-Dichloropropane	76	9.951	9.951	(0.927)	1559944	20.0000	21.6210 (A)
83 2,2-Dichloropropane	77	5.445	5.455	(0.762)	1782024	20.0000	22.3163 (A)
84 1,1-Dichloropropene	75	6.306	6.316	(0.882)	1308881	20.0000	21.8925 (A)
85 Hexachlorbutadiene	225	14.194	14.194	(1.116)	862646	20.0000	21.8073 (A)
86 p-Isopropyltoluene	119	12.635	12.635	(0.994)	4289889	20.0000	20.1969 (A)
87 Napthalene	128	14.316	14.316	(1.126)	3197550	20.0000	22.9402 (A)
88 n-Propylbenzene	91	11.966	11.967	(0.941)	5423248	20.0000	19.3699
89 1,1,1,2-Tetrachloroethane	131	10.842	10.843	(1.010)	958285	20.0000	22.7130 (A)
90 1,2,3-Trichloropropane	110	11.987	11.987	(1.117)	268971	20.0000	23.7888 (A)
91 Hexane	57	4.351	4.362	(0.609)	1434847	20.0000	21.6971 (A)
92 Isopropanol	45	3.410	3.441	(0.477)	1859795	1000.00	1383.7277 (AM)

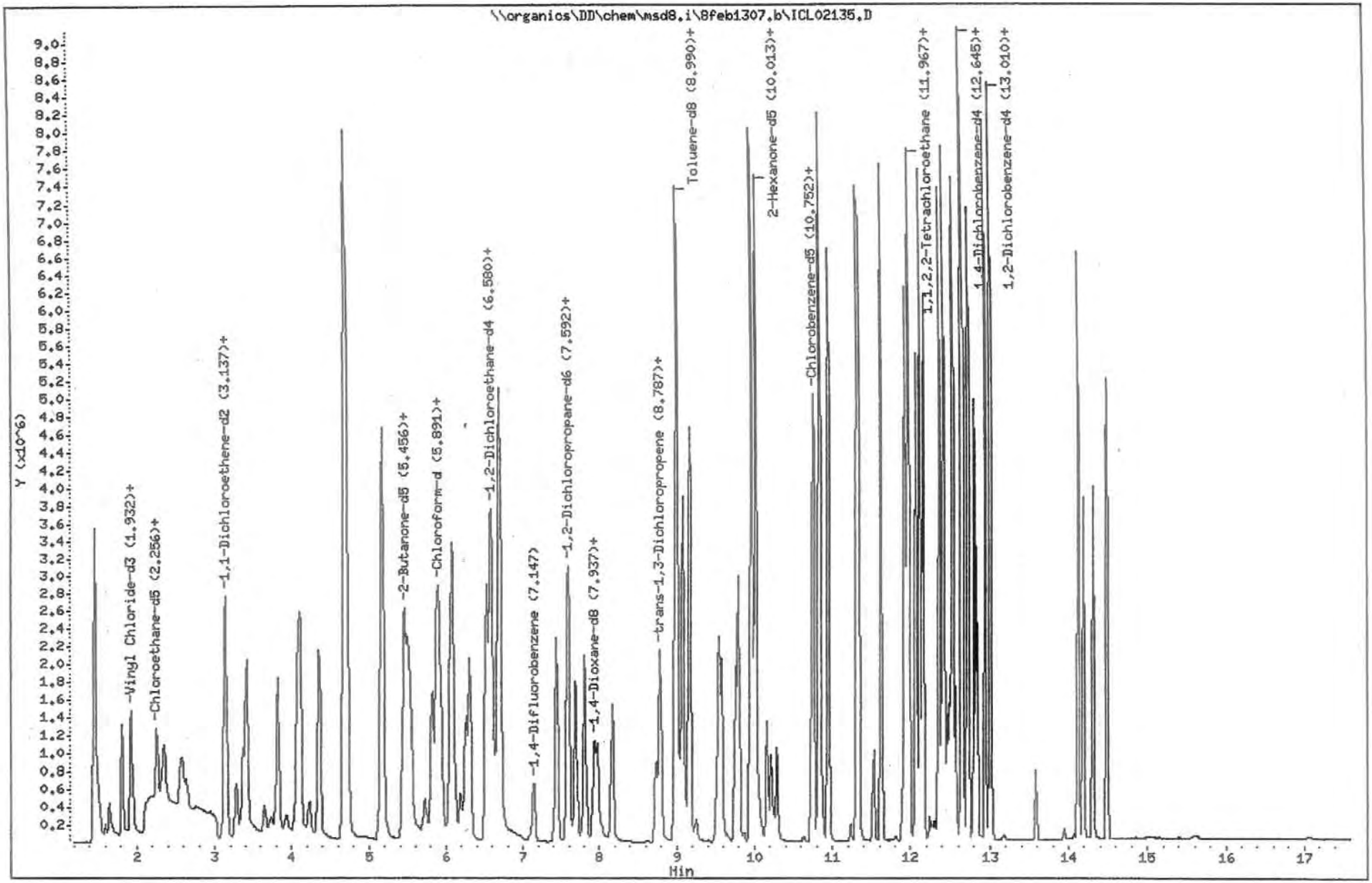
BS 2150

QC Flag Legend

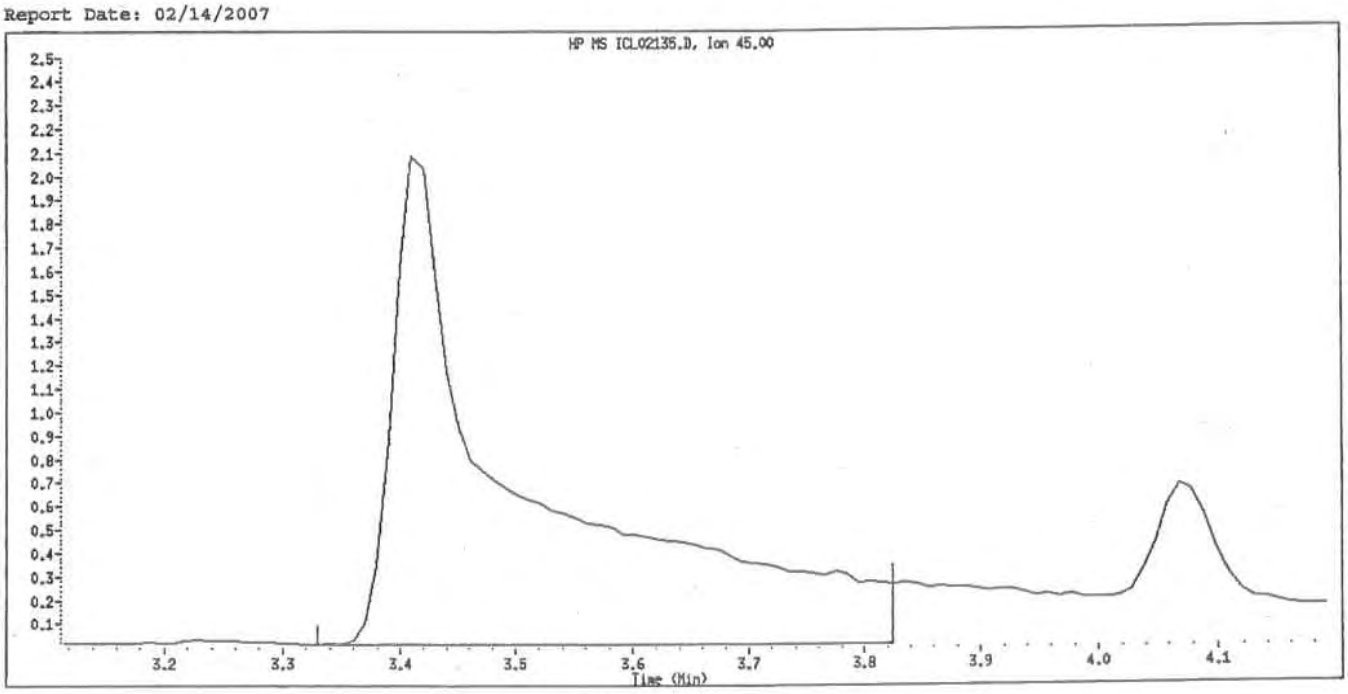
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: \\organics\DD\chem\msd8.i\8feb1307.b\ICL02135.D
Date : 13-FEB-2007 11:05
Client ID: VSTD02013
Sample Info: 8feb1307.b, ICL02135
Purge Volume: 25.0
Column phase: DB-624

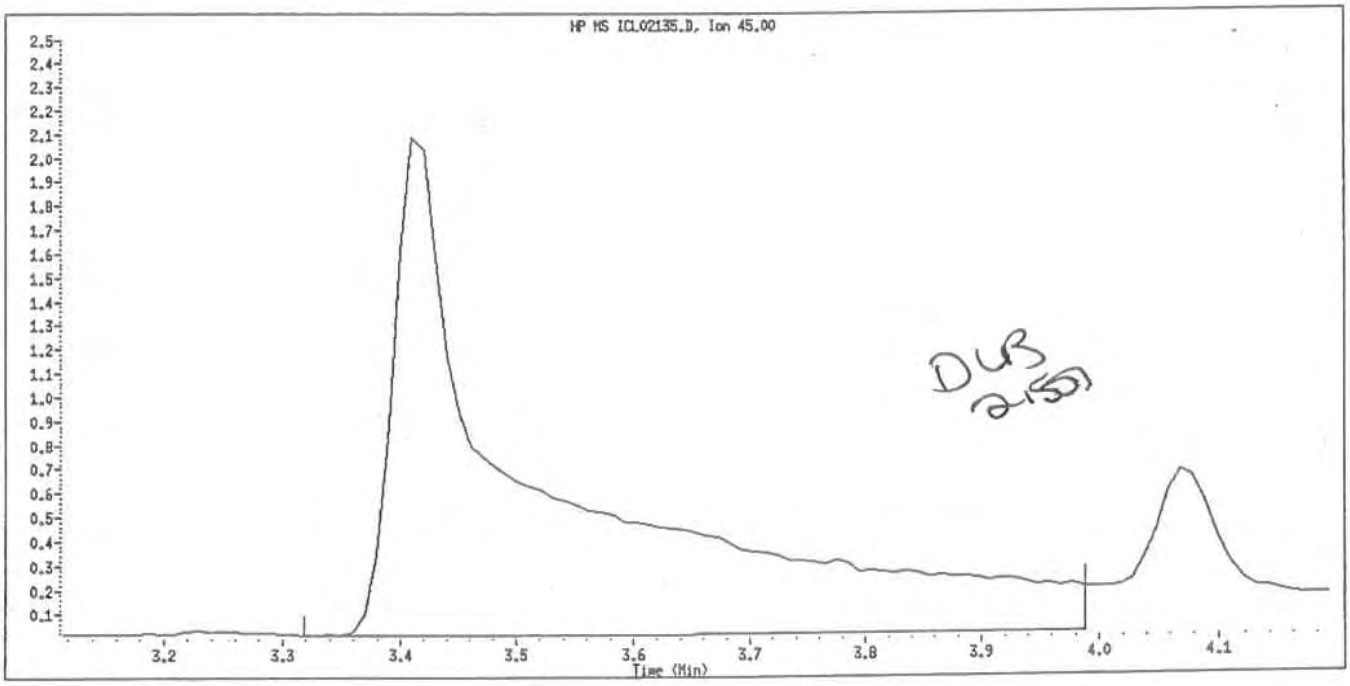
Instrument: msd8.i
Operator: DLB
Column diameter: 0.25



Data File Name: ICL02135.D
Inj. Date and Time: 13-FEB-2007 11:05
Instrument ID: msd8.i
Client ID: VSTD02013
Compound Name: Isopropanol
CAS #: 67-63-0
Report Date: 02/14/2007



Original Integration



Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

6A - FORM VI VOA-1
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date(s): 02/21/2007 02/21/2007

Heated Purge: (Y/N) Y Calibration Time(s): 1528 1657

Purge Volume: 25.0 (mL)

GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

LAB FILE ID: RRF 0.5 = ICL02211A RRF 1.0 = ICL02212A
RRF 5.0 = ICL02213A RRF 10 = ICL02214A RRF 20 = ICL02215A

COMPOUND	RRF 0.5	RRF 1.0	RRF 5.0	RRF 10	RRF 20	$\overline{RRF}$	%RSD
Dichlorodifluoromethane	0.1178	0.1848	0.2090	0.2293	0.1878	0.1857	22.6
Chloromethane	0.7525	0.6638	0.5328	0.5325	0.4660	0.5895	19.7
Vinyl chloride	0.3957	0.4065	0.4242	0.4489	0.3879	0.4127	5.9
Bromomethane	0.2672	0.2628	0.2416	0.2549	0.2010	0.2455	10.9
Chloroethane	0.2551	0.2550	0.2361	0.2380	0.1831	0.2335	12.7
Trichlorofluoromethane	0.2658	0.3255	0.3581	0.3884	0.3302	0.3336	13.6
1,1-Dichloroethene	0.2164	0.2209	0.2303	0.2518	0.2654	0.2370	8.8
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2020	0.2401	0.2615	0.2613	0.2508	0.2432	10.1
Acetone	0.0658	0.0655	0.0481	0.0480	0.0584	0.0572	15.4
Carbon disulfide	0.8596	0.7620	0.7427	0.8162	0.8481	0.8057	6.4
Methyl acetate	0.2648	0.2818	0.2327	0.2819	0.3305	0.2783	12.7
Methylene chloride	0.3233	0.2966	0.2722	0.2963	0.1470	0.2671	26.0
trans-1,2-Dichloroethene	0.2769	0.2793	0.2539	0.2839	0.2653	0.2719	4.5
Methyl tert-butyl ether	0.7972	0.7378	0.6812	0.8011	0.8079	0.7650	7.1
1,1-Dichloroethane	0.5843	0.5676	0.5264	0.5929	0.5564	0.5655	4.6
cis-1,2-Dichloroethene	0.3154	0.3054	0.2773	0.3202	0.2940	0.3025	5.7
2-Butanone	0.1224	0.1195	0.0997	0.1035	0.1475	0.1185	16.0
Bromochloromethane	0.1397	0.1329	0.1255	0.1364	0.1301	0.1329	4.1
Chloroform	0.5543	0.5069	0.4650	0.5065	0.4737	0.5013	7.0
1,1,1-Trichloroethane	0.3745	0.3820	0.3908	0.4293	0.3820	0.3917	5.6
Cyclohexane	0.4135	0.5240	0.5965	0.6615	0.5939	0.5579	16.9
Carbon tetrachloride	0.2615	0.2783	0.2902	0.3247	0.2897	0.2889	8.0
Benzene	1.3412	1.3004	1.2444	1.3631	1.1973	1.2893	5.3
1,2-Dichloroethane	0.3413	0.3283	0.3045	0.3464	0.3314	0.3304	4.9
1,4-Dioxane	0.0018	0.0016	0.0011	0.0013	0.0022	0.0016	26.5
Trichloroethene	0.3255	0.3042	0.2932	0.3228	0.2847	0.3061	5.9
Methylcyclohexane	0.3626	0.4551	0.5128	0.5584	0.4918	0.4761	15.5

6B - FORM VI VOA-2
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date(s): 02/21/2007 02/21/2007

Heated Purge: (Y/N) Y Calibration Time(s): 1528 1657

Purge Volume: 25.0 (mL)

GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

LAB FILE ID: RRF 0.5 = ICL02211A RRF 1.0 = ICL02212A
RRF 5.0 = ICL02213A RRF 10 = ICL02214A RRF 20 = ICL02215A

COMPOUND	RRF 0.5	RRF 1.0	RRF 5.0	RRF 10	RRF 20	$\overline{RRF}$	%RSD
1,2-Dichloropropane	0.3886	0.3735	0.3593	0.3736	0.3456	0.3681	4.4
Bromodichloromethane	0.3153	0.3194	0.3208	0.3522	0.3237	0.3263	4.5
cis-1,3-Dichloropropene	0.4119	0.4076	0.4202	0.4707	0.4433	0.4307	6.1
4-Methyl-2-pentanone	0.3328	0.3462	0.3053	0.3079	0.3755	0.3335	8.7
Toluene	1.3355	1.3539	1.3080	1.4106	1.2805	1.3377	3.7
trans-1,3-Dichloropropene	0.3500	0.3301	0.3275	0.3715	0.3588	0.3476	5.4
1,1,2-Trichloroethane	0.2364	0.2371	0.2218	0.2367	0.2259	0.2316	3.1
Tetrachloroethene	0.2392	0.2341	0.2435	0.2581	0.2386	0.2427	3.8
2-Hexanone	0.2392	0.2532	0.2142	0.2176	0.2722	0.2393	10.2
Dibromochloromethane	0.1643	0.1656	0.1682	0.1956	0.1898	0.1767	8.4
1,2-Dibromoethane	0.2329	0.2354	0.2167	0.2306	0.2221	0.2276	3.5
Chlorobenzene	0.8858	0.8750	0.8253	0.8872	0.8202	0.8587	3.9
Ethylbenzene	1.4841	1.4486	1.4155	1.5682	1.4461	1.4725	4.0
o-Xylene	0.5237	0.5341	0.5297	0.5880	0.5547	0.5460	4.8
m,p-Xylene	0.5389	0.5365	0.5339	0.5872	0.5518	0.5497	4.0
Styrene	0.6682	0.7394	0.8802	0.9845	0.9331	0.8411	15.8
Bromoform	0.1333	0.1245	0.1330	0.1625	0.1622	0.1431	12.5
Isopropylbenzene	1.3430	1.3615	1.3305	1.4865	1.3493	1.3741	4.6
1,1,2,2-Tetrachloroethane	0.3154	0.3102	0.2883	0.3102	0.3257	0.3100	4.4
1,3-Dichlorobenzene	1.3987	1.4018	1.3402	1.4317	1.3109	1.3767	3.6
1,4-Dichlorobenzene	1.4676	1.4792	1.3742	1.4562	1.3179	1.4190	4.9
1,2-Dichlorobenzene	1.3374	1.3438	1.2183	1.3258	1.2175	1.2886	5.0
1,2-Dibromo-3-chloropropane	0.0838	0.0865	0.0740	0.0777	0.0874	0.0819	7.1
1,2,4-Trichlorobenzene	0.9230	0.9598	0.8887	0.9645	0.8073	0.9086	7.1
1,2,3-Trichlorobenzene	0.8126	0.8380	0.7634	0.8203	0.6710	0.7811	8.6

6C - FORM VI VOA-3 MODIFIED
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date(s): 02/21/2007 02/21/2007

Heated Purge: (Y/N) Y Calibration Time(s): 1528 1657

Purge Volume: 25.0 (mL)

GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

LAB FILE ID: RRF 0.5 = ICL02211A RRF 1.0 = ICL02212A
RRF 5.0 = ICL02213A RRF 10 = ICL02214A RRF 20 = ICL02215A

COMPOUND	RRF 0.5	RRF 1.0	RRF 5.0	RRF 10	RRF 20	$\overline{RRF}$	%RSD
Vinyl Chloride-d3	0.2568	0.2679	0.2721	0.2850	0.2451	0.2654	5.7
Chloroethane-d5	0.2571	0.2447	0.2278	0.2288	0.1803	0.2278	12.8
1,1-Dichloroethene-d2	0.5090	0.5231	0.5325	0.5815	0.6084	0.5509	7.7
2-Butanone-d5	0.1203	0.1228	0.0968	0.0982	0.1458	0.1168	17.3
Chloroform-d	0.5404	0.5287	0.4906	0.5395	0.5058	0.5210	4.2
1,2-Dichloroethane-d4	0.2983	0.3113	0.2544	0.3029	0.2756	0.2885	8.0
Benzene-d6	1.2721	1.2439	1.2095	1.3007	1.1434	1.2339	4.9
1,2-Dichloropropane-d6	0.4324	0.4251	0.4247	0.4502	0.3978	0.4260	4.4
Toluene-d8	1.1312	1.1551	1.1024	1.1816	1.0767	1.1294	3.7
trans-1,3-Dichloropropene-d4	0.0856	0.0935	0.0940	0.1047	0.1015	0.0959	7.8
2-Hexanone-d5	0.1097	0.1157	0.1019	0.1066	0.1375	0.1143	12.1
1,4-Dioxane-d8	0.0014	0.0012	0.0009	0.0009	0.0015	0.0012	24.3
1,1,2,2-Tetrachloroethane-d2	0.3295	0.3193	0.2986	0.3243	0.3432	0.3230	5.0
1,2-Dichlorobenzene-d4	0.9080	0.8510	0.8022	0.8503	0.7927	0.8408	5.5
tertiary butyl alcohol	0.0152	0.0111	0.0103	0.0105	0.0325	0.0159	59.6

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb2107c.b\ICL02211A.D
Lab Smp Id: ICL02211 Client Smp ID: VSTD0.521
Inj Date : 21-FEB-2007 16:57
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb2107c.b, ICL02211
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb2107c.b\TRACE1359.m
Meth Date : 26-Feb-2007 14:28 msd8.i Quant Type: ISTD
Cal Date : 21-FEB-2007 16:57 Cal File: ICL02211A.D
Als bottle: 60 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

COPY
ORIGINAL DOCUMENTS INCLUDED IN CSF
Signature
Date

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	1.648	1.648	(0.231)	7284	0.50000	0.3171(a)
	2 Chloromethane	50	1.810	1.810	(0.253)	46523	0.50000	0.6381
$	3 Vinyl Chloride-d3	65	1.911	1.911	(0.267)	15877	0.50000	0.4838(a)
	4 Vinyl Chloride	62	1.921	1.921	(0.269)	24465	0.50000	0.4794(a)
	5 Bromomethane	94	2.265	2.265	(0.317)	16519	0.50000	0.5441
$	6 Chloroethane-d5	69	2.336	2.336	(0.327)	15898	0.50000	0.5644
	7 Chloroethane	64	2.367	2.367	(0.331)	15770	0.50000	0.5462
	8 Trichlorofluoromethane	101	2.579	2.579	(0.361)	16434	0.50000	0.3983(a)
$	9 1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	31470	0.50000	0.4619(a)
	10 1,1,2-Trichloro-1,2,2-trifluo	101	3.126	3.126	(0.437)	12490	0.50000	0.4154(a)
	11 1,1-Dichloroethene	96	3.146	3.146	(0.440)	13377	0.50000	0.4565(a)
	12 Acetone	43	3.298	3.298	(0.462)	40654	5.00000	5.7504
	13 Carbon Disulfide	76	3.420	3.420	(0.479)	53150	0.50000	0.5334
	14 Methyl Acetate	43	3.663	3.663	(0.513)	16370	0.50000	0.4756(a)
	15 Methylene Chloride	84	3.825	3.825	(0.535)	19986	0.50000	0.6051
	16 Methyl tert-Butyl Ether	73	4.078	4.078	(0.571)	49291	0.50000	0.5210
	17 trans-1,2-Dichloroethene	96	4.119	4.119	(0.576)	17118	0.50000	0.5092
	18 1,1-Dichloroethane	63	4.726	4.726	(0.661)	36127	0.50000	0.5165
$	19 2-Butanone-d5	46	5.465	5.465	(0.765)	74403	5.00000	5.1515
	20 cis-1,2-Dichloroethene	96	5.496	5.496	(0.769)	19499	0.50000	0.5213
	21 2-Butanone	43	5.546	5.546	(0.776)	75672	5.00000	5.1636
	22 Bromochloromethane	128	5.820	5.820	(0.814)	8635	0.50000	0.5253
$	23 Chloroform-d	84	5.880	5.880	(0.823)	33411	0.50000	0.5186
	24 Chloroform	83	5.911	5.911	(0.827)	34273	0.50000	0.5529

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	25 1,1,1-Trichloroethane	97	6.093	6.093	(0.568)	21189	0.50000	0.4780 (a)
	26 Cyclohexane	56	6.073	6.073	(0.566)	23394	0.50000	0.3705 (a)
	27 Carbon Tetrachloride	117	6.265	6.265	(0.584)	14796	0.50000	0.4526 (a)
$	28 1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	18445	0.50000	0.5170
$	29 Benzene-d6	84	6.529	6.529	(0.608)	71969	0.50000	0.5154
	30 Benzene	78	6.579	6.579	(0.613)	75880	0.50000	0.5201
	31 1,2-Dichloroethane	62	6.711	6.711	(0.939)	21099	0.50000	0.5164
*	32 1,4-Difluorobenzene	114	7.146	7.146	(1.000)	618280	5.00000	
	33 Trichloroethene	95	7.440	7.440	(0.693)	18417	0.50000	0.5317
$	34 1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	24466	0.50000	0.5075
	35 Methylcyclohexane	83	7.592	7.592	(0.707)	20516	0.50000	0.3807 (a)
	36 1,2-Dichloropropane	63	7.804	7.804	(0.727)	21988	0.50000	0.5278
	37 Bromodichloromethane	83	8.169	8.169	(0.761)	17837	0.50000	0.4831 (a)
	38 1,4-Dioxane	88	8.017	8.017	(1.122)	4573	20.0000	22.7891 (Q)
$	39 1,4-Dioxane-d8	96	7.967	7.967	(1.115)	3418	20.0000	23.2244
$	40 trans-1,3-Dichloropropene-d4	79	9.516	9.516	(0.887)	4845	0.50000	0.4465 (a)
	41 cis-1,3-Dichloropropene	75	8.787	8.787	(0.819)	23302	0.50000	0.4780 (a)
	42 4-Methyl-2-pentanone	43	8.999	8.999	(0.839)	188312	5.00000	4.9895 (a)
$	43 Toluene-d8	98	9.080	9.080	(0.846)	64001	0.50000	0.5008
	44 Toluene	91	9.161	9.161	(0.854)	75558	0.50000	0.4991 (a)
	45 trans-1,3-Dichloropropene	75	9.556	9.556	(0.891)	19803	0.50000	0.5035
	46 1,1,2-Trichloroethane	97	9.759	9.759	(0.909)	13372	0.50000	0.5103
	47 Tetrachloroethene	164	9.799	9.799	(0.913)	13532	0.50000	0.4927 (a)
$	48 2-Hexanone-d5	63	9.961	9.961	(0.928)	62062	5.00000	4.7993
	49 2-Hexanone	43	10.012	10.012	(0.933)	135340	5.00000	4.9988 (a)
	50 Dibromochloromethane	129	10.164	10.164	(0.947)	9297	0.50000	0.4650 (a)
	51 1,2-Dibromoethane	107	10.296	10.296	(0.959)	13175	0.50000	0.5116
*	52 Chlorobenzene-d5	117	10.731	10.731	(1.000)	565765	5.00000	
	53 Chlorobenzene	112	10.761	10.761	(1.003)	50116	0.50000	0.5157
	54 Ethylbenzene	91	10.832	10.832	(1.009)	83964	0.50000	0.5039
	55 m+p-Xylenes	106	10.944	10.944	(1.020)	30487	0.50000	0.4901 (a)
	56 o-Xylene	106	11.318	11.318	(1.055)	29628	0.50000	0.4795 (a)
	57 Styrene	104	11.339	11.339	(1.057)	37804	0.50000	0.3972 (a)
	58 Bromoform	173	11.531	11.531	(0.907)	3672	0.50000	0.4657 (a)
	59 Isopropylbenzene	105	11.622	11.622	(1.083)	75980	0.50000	0.4886 (a)
$	60 1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	18643	0.50000	0.5100
	61 1,1,2,2-Tetrachloroethane	83	11.936	11.936	(1.112)	17843	0.50000	0.5087
	62 1,3-Dichlorobenzene	146	12.655	12.655	(0.995)	38533	0.50000	0.5080
*	63 1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	275485	5.00000	
	64 1,4-Dichlorobenzene	146	12.726	12.726	(1.001)	40429	0.50000	0.5171
$	65 1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	25014	0.50000	0.5399
	66 1,2-Dichlorobenzene	146	13.009	13.009	(1.023)	36843	0.50000	0.5189
	67 1,2-Dibromo-3-chloropropane	75	13.576	13.576	(1.068)	2309	0.50000	0.5117
	68 1,2,4-Trichlorobenzene	180	14.123	14.123	(1.111)	25426	0.50000	0.5078
	69 1,2,3-Trichlorobenzene	180	14.488	14.488	(1.139)	22386	0.50000	0.5201
	70 1,2,4-Trimethylbenzene	105	12.412	12.412	(1.737)	59004	0.50000	0.4570 (a)
	71 1,3,5-Trimethylbenzene	105	12.108	12.108	(1.694)	59337	0.50000	0.4561 (a)
	72 tert-butyl alcohol	59	4.027	4.027	(0.564)	9409	5.00000	4.7843 (aQM)
	73 tert-amyl methyl ether	73	6.691	6.691	(0.936)	111925	5.00000	5.0029
	74 Ethyl tert-butyl ether	59	5.172	5.172	(0.724)	124384	5.00000	5.0809
	75 Bromobenzene	77	11.916	11.916	(1.110)	34116	0.50000	0.5143
	76 n-Butylbenzene	91	12.938	12.938	(1.018)	68100	0.50000	0.4954 (a)
	77 sec-Butylbenzene	105	12.533	12.533	(0.986)	84786	0.50000	0.4915 (a)
	78 tert-Butylbenzene	119	12.361	12.361	(0.972)	55516	0.50000	0.5005

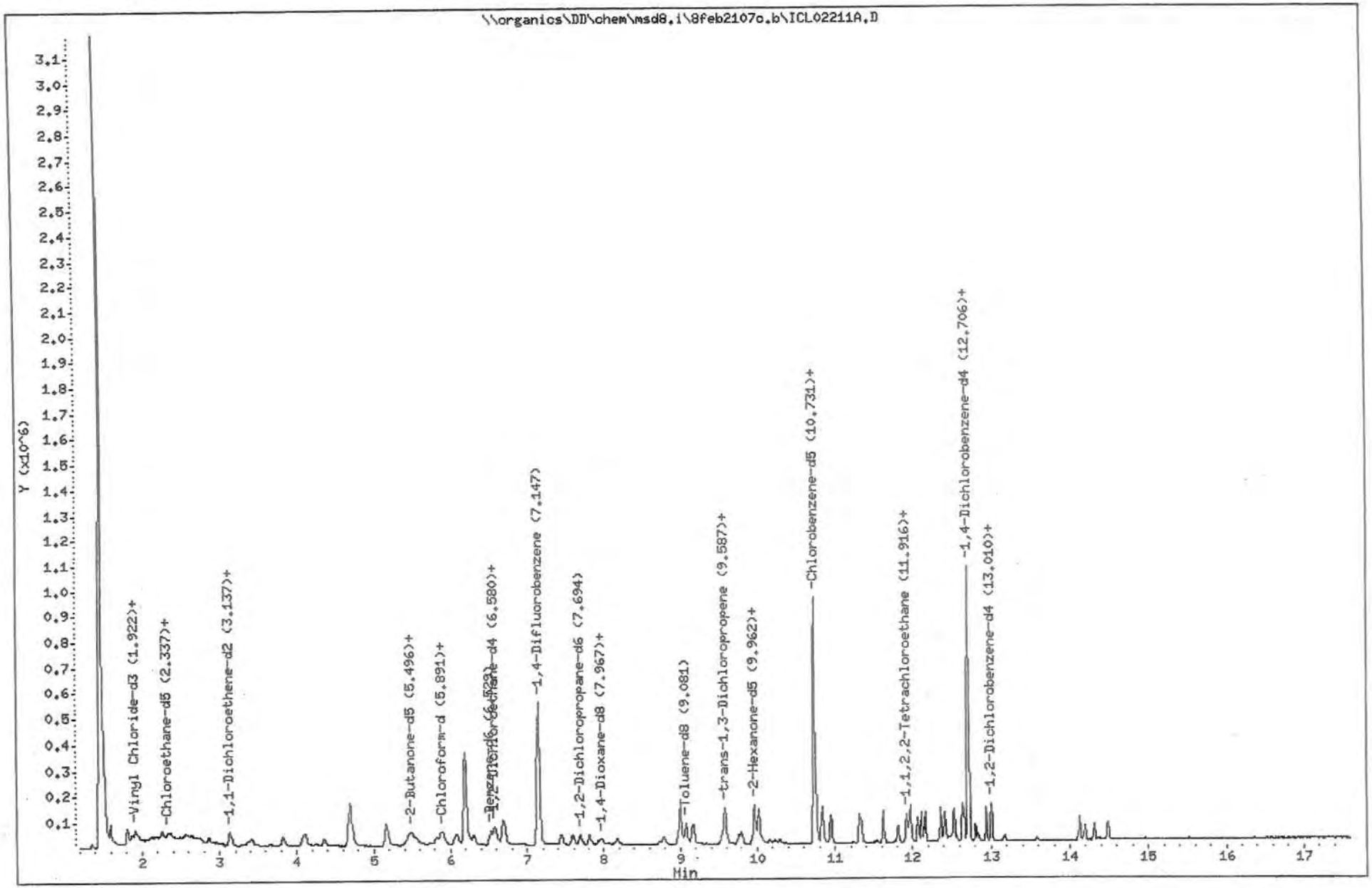
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
79	2-Chlorotoluene	91	12.068	12.068	(0.949)	64853	0.50000	0.5269
80	4-Chlorotoluene	91	12.159	12.159	(0.956)	61318	0.50000	0.5196
81	Dibromomethane	93	7.977	7.977	(1.116)	9123	0.50000	0.4964(a)
82	1,3-Dichloropropane	76	9.951	9.951	(0.927)	31112	0.50000	0.5046
83	2,2-Dichloropropane	77	5.455	5.455	(0.763)	30929	0.50000	0.4870(a)
84	1,1-Dichloropropene	75	6.316	6.316	(0.884)	23250	0.50000	0.4875(a)
85	Hexachlorbutadiene	225	14.194	14.194	(1.116)	12070	0.50000	0.5104
86	p-Isopropyltoluene	119	12.635	12.635	(0.994)	66384	0.50000	0.4718(a)
87	Napthalene	128	14.316	14.316	(1.126)	50740	0.50000	0.5344
88	n-Propylbenzene	91	11.966	11.966	(0.941)	96902	0.50000	0.5011
89	1,1,1,2-Tetrachloroethane	131	10.842	10.842	(1.010)	14096	0.50000	0.4812(a)
90	1,2,3-Trichloropropane	110	11.987	11.987	(1.117)	5027	0.50000	0.5466
91	Hexane	57	4.362	4.362	(0.610)	15380	0.50000	0.3171(a)
92	Isopropanol	45	3.572	3.572	(0.500)	45898	25.0000	26.1184(M)

QC Flag Legend

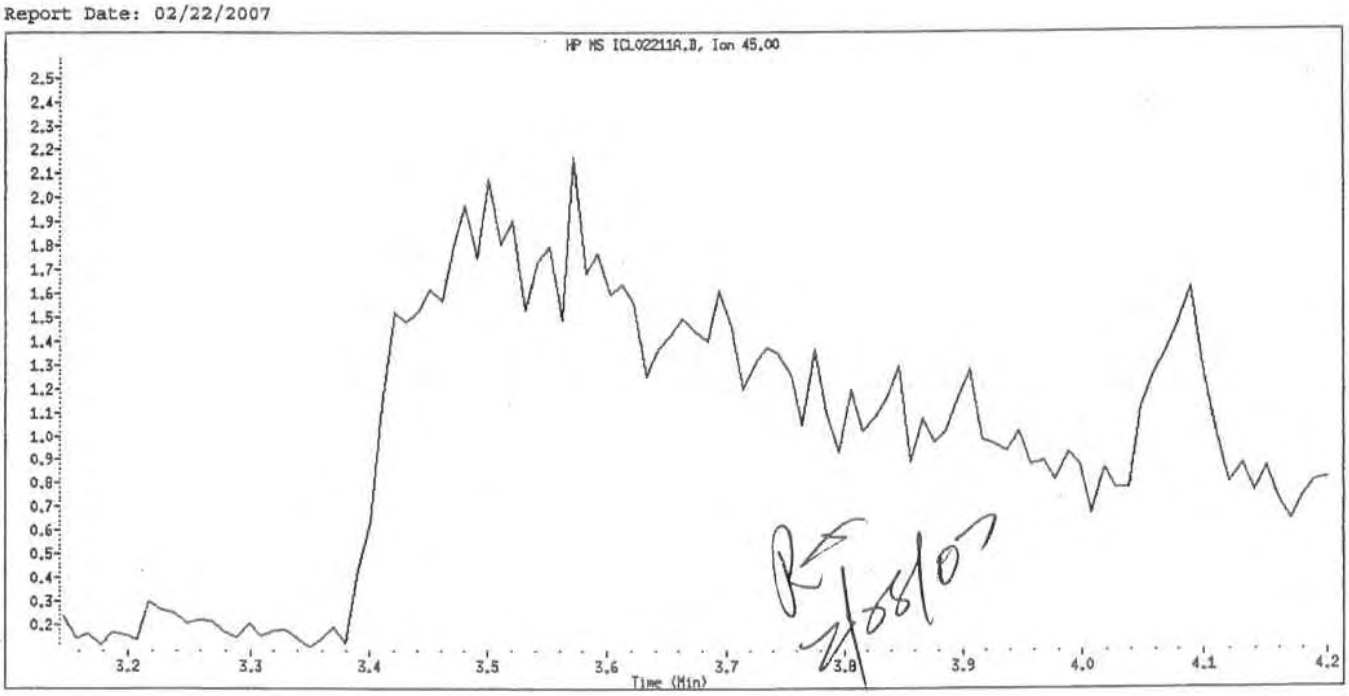
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: \\organics\DD\chem\msd8.i\8feb2107c.b\ICL02211A.D
Date : 21-FEB-2007 16:57
Client ID: VSTD0.521
Sample Info: 8feb2107c.b, ICL02211
Purge Volume: 25.0
Column phase: DB-624

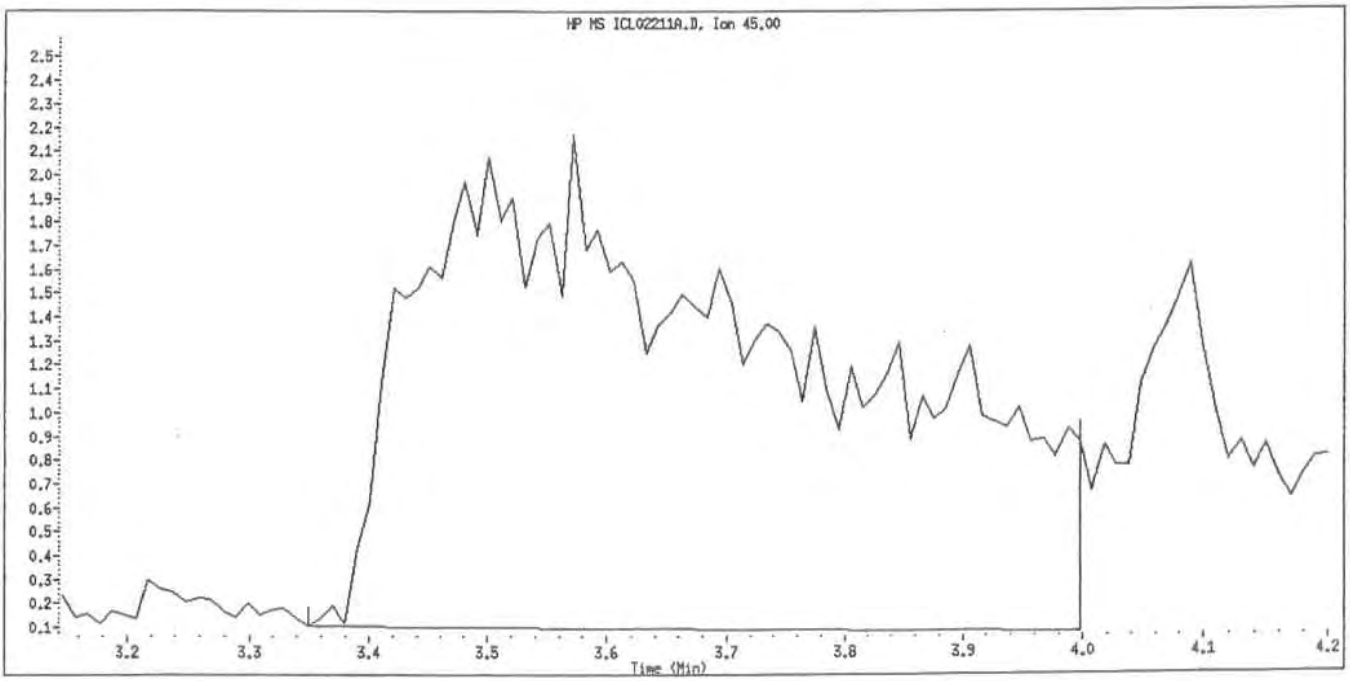
Instrument: msd8.i
Operator: DLB
Column diameter: 0.25



Data File Name: ICL02211A.D
Inj. Date and Time: 21-FEB-2007 16:57
Instrument ID: msd8.i
Client ID:
Compound Name: Isopropanol
CAS #: 67-63-0
Report Date: 02/22/2007



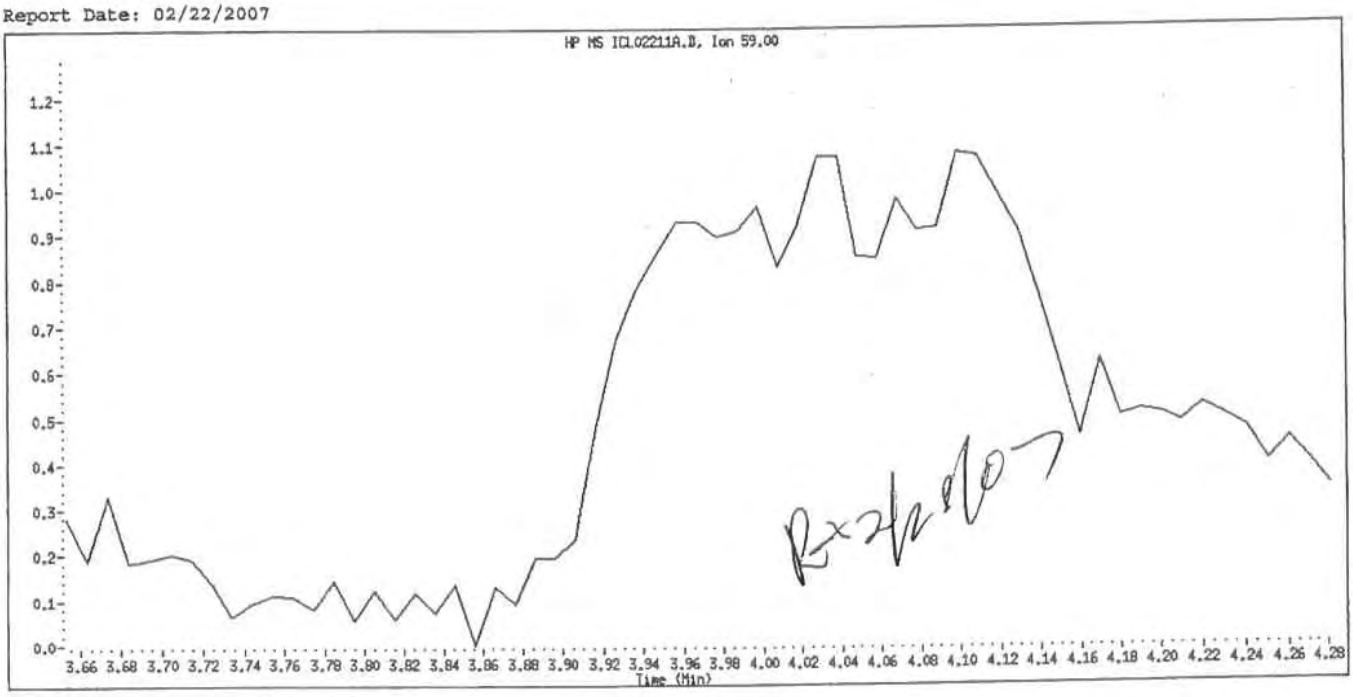
Original Integration



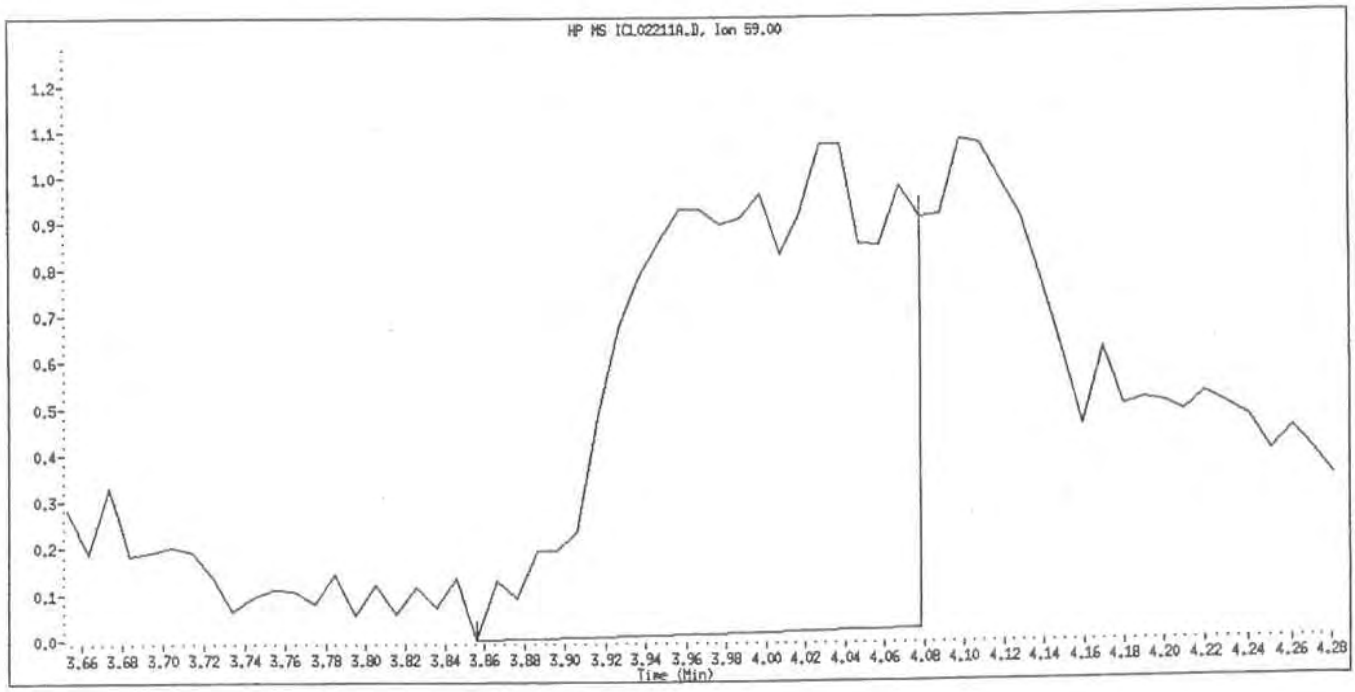
Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Data File Name: ICL02211A.D
Inj. Date and Time: 21-FEB-2007 16:57
Instrument ID: msd8.i
Client ID:
Compound Name: tert-butyl alcohol
CAS #: 75-65-0
Report Date: 02/22/2007



Original Integration



Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb2107c.b\ICL02212A.D
Lab Smp Id: ICL02212 Client Smp ID: VSTD00121
Inj Date : 21-FEB-2007 16:35
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb2107c.b, ICL02212
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb2107c.b\TRACE1359.m
Meth Date : 26-Feb-2007 14:28 msd8.i Quant Type: ISTD
Cal Date : 21-FEB-2007 16:35 Cal File: ICL02212A.D
Als bottle: 60 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.648	1.648	(0.231)	23055	1.00000	0.9949
2 Chloromethane	50	1.810	1.810	(0.253)	82821	1.00000	1.1260
$ 3 Vinyl Chloride-d3	65	1.911	1.911	(0.267)	33422	1.00000	1.0094
4 Vinyl Chloride	62	1.921	1.921	(0.269)	50721	1.00000	0.9852
5 Bromomethane	94	2.266	2.265	(0.317)	32785	1.00000	1.0704
$ 6 Chloroethane-d5	69	2.337	2.336	(0.327)	30523	1.00000	1.0741
7 Chloroethane	64	2.367	2.367	(0.331)	31813	1.00000	1.0922
8 Trichlorofluoromethane	101	2.580	2.579	(0.361)	40608	1.00000	0.9756
$ 9 1,1-Dichloroethene-d2	63	3.137	3.136	(0.439)	65257	1.00000	0.9494
10 1,1,2-Trichloro-1,2,2-trifluo	101	3.126	3.126	(0.438)	29959	1.00000	0.9875
11 1,1-Dichloroethene	96	3.147	3.146	(0.440)	27556	1.00000	0.9321
12 Acetone	43	3.288	3.298	(0.460)	81780	10.0000	11.4653
13 Carbon Disulfide	76	3.420	3.420	(0.479)	95066	1.00000	0.9457
14 Methyl Acetate	43	3.663	3.663	(0.513)	35159	1.00000	1.0125
15 Methylene Chloride	84	3.825	3.825	(0.535)	37006	1.00000	1.1105
16 Methyl tert-Butyl Ether	73	4.078	4.078	(0.571)	92053	1.00000	0.9644
17 trans-1,2-Dichloroethene	96	4.119	4.119	(0.576)	34847	1.00000	1.0274
18 1,1-Dichloroethane	63	4.726	4.726	(0.661)	70816	1.00000	1.0036
$ 19 2-Butanone-d5	46	5.466	5.465	(0.765)	153204	10.0000	10.5137
20 cis-1,2-Dichloroethene	96	5.496	5.496	(0.769)	38101	1.00000	1.0096
21 2-Butanone	43	5.547	5.546	(0.776)	149101	10.0000	10.0842
22 Bromochloromethane	128	5.830	5.820	(0.816)	16576	1.00000	0.9996
$ 23 Chloroform-d	84	5.881	5.880	(0.823)	65960	1.00000	1.0147
24 Chloroform	83	5.911	5.911	(0.827)	63238	1.00000	1.0111

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	25 1,1,1-Trichloroethane	97	6.093	6.093	(0.568)	43683	1.00000	0.9751
	26 Cyclohexane	56	6.073	6.073	(0.566)	59922	1.00000	0.9392
	27 Carbon Tetrachloride	117	6.255	6.265	(0.583)	31829	1.00000	0.9634
$	28 1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	38841	1.00000	1.0790
$	29 Benzene-d6	84	6.529	6.529	(0.608)	142247	1.00000	1.0080
	30 Benzene	78	6.579	6.579	(0.613)	148710	1.00000	1.0086
	31 1,2-Dichloroethane	62	6.711	6.711	(0.939)	40959	1.00000	0.9937
*	32 1,4-Difluorobenzene	114	7.146	7.146	(1.000)	623801	5.00000	
	33 Trichloroethene	95	7.440	7.440	(0.693)	34784	1.00000	0.9937
$	34 1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	48608	1.00000	0.9977
	35 Methylcyclohexane	83	7.592	7.592	(0.707)	52042	1.00000	0.9557
	36 1,2-Dichloropropane	63	7.815	7.804	(0.728)	42711	1.00000	1.0146
	37 Bromodichloromethane	83	8.169	8.169	(0.761)	36521	1.00000	0.9788
	38 1,4-Dioxane	88	8.007	8.017	(1.120)	8122	40.0000	40.1170 (QM)
$	39 1,4-Dioxane-d8	96	7.957	7.967	(1.113)	6206	40.0000	41.7950 (Q)
$	40 trans-1,3-Dichloropropene-d4	79	9.516	9.516	(0.887)	10696	1.00000	0.9754
	41 cis-1,3-Dichloropropene	75	8.787	8.787	(0.819)	46606	1.00000	0.9461
	42 4-Methyl-2-pentanone	43	9.000	8.999	(0.839)	395846	10.0000	10.3781
$	43 Toluene-d8	98	9.081	9.080	(0.846)	132096	1.00000	1.0227
	44 Toluene	91	9.172	9.161	(0.855)	154830	1.00000	1.0121
	45 trans-1,3-Dichloropropene	75	9.546	9.556	(0.890)	37749	1.00000	0.9496
	46 1,1,2-Trichloroethane	97	9.759	9.759	(0.909)	27112	1.00000	1.0238
	47 Tetrachloroethene	164	9.800	9.799	(0.913)	26774	1.00000	0.9646
$	48 2-Hexanone-d5	63	9.962	9.961	(0.928)	132259	10.0000	10.1202
	49 2-Hexanone	43	10.012	10.012	(0.933)	289509	10.0000	10.5806
	50 Dibromochloromethane	129	10.164	10.164	(0.947)	18936	1.00000	0.9371
	51 1,2-Dibromoethane	107	10.296	10.296	(0.959)	26923	1.00000	1.0346
*	52 Chlorobenzene-d5	117	10.731	10.731	(1.000)	571778	5.00000	
	53 Chlorobenzene	112	10.762	10.761	(1.003)	100062	1.00000	1.0189
	54 Ethylbenzene	91	10.832	10.832	(1.009)	165655	1.00000	0.9837
	55 m+p-Xylenes	106	10.944	10.944	(1.020)	61350	1.00000	0.9760
	56 o-Xylene	106	11.319	11.318	(1.055)	61077	1.00000	0.9781
	57 Styrene	104	11.339	11.339	(1.057)	84549	1.00000	0.8790
	58 Bromoform	173	11.531	11.531	(0.907)	6976	1.00000	0.8700
	59 Isopropylbenzene	105	11.622	11.622	(1.083)	155691	1.00000	0.9907
$	60 1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	36515	1.00000	0.9885
	61 1,1,2,2-Tetrachloroethane	83	11.936	11.936	(1.112)	35475	1.00000	1.0007
	62 1,3-Dichlorobenzene	146	12.655	12.655	(0.995)	78536	1.00000	1.0182
*	63 1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	280133	5.00000	
	64 1,4-Dichlorobenzene	146	12.726	12.726	(1.001)	82873	1.00000	1.0423
$	65 1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	47676	1.00000	1.0120
	66 1,2-Dichlorobenzene	146	13.010	13.009	(1.023)	75291	1.00000	1.0428
	67 1,2-Dibromo-3-chloropropane	75	13.577	13.576	(1.068)	4849	1.00000	1.0568
	68 1,2,4-Trichlorobenzene	180	14.123	14.123	(1.111)	53773	1.00000	1.0562
	69 1,2,3-Trichlorobenzene	180	14.488	14.488	(1.139)	46949	1.00000	1.0728
	70 1,2,4-Trimethylbenzene	105	12.412	12.412	(1.737)	122854	1.00000	0.9431
	71 1,3,5-Trimethylbenzene	105	12.108	12.108	(1.694)	128146	1.00000	0.9763
	72 tert-butyl alcohol	59	3.987	4.027	(0.558)	13866	10.0000	6.9883 (M)
	73 tert-amyl methyl ether	73	6.691	6.691	(0.936)	225448	10.0000	9.9880
	74 Ethyl tert-butyl ether	59	5.172	5.172	(0.724)	244005	10.0000	9.8790
	75 Bromobenzene	77	11.916	11.916	(1.110)	68007	1.00000	1.0145
	76 n-Butylbenzene	91	12.939	12.938	(1.018)	142398	1.00000	1.0187
	77 sec-Butylbenzene	105	12.534	12.533	(0.986)	175763	1.00000	1.0020
	78 tert-Butylbenzene	119	12.362	12.361	(0.972)	114397	1.00000	1.0144

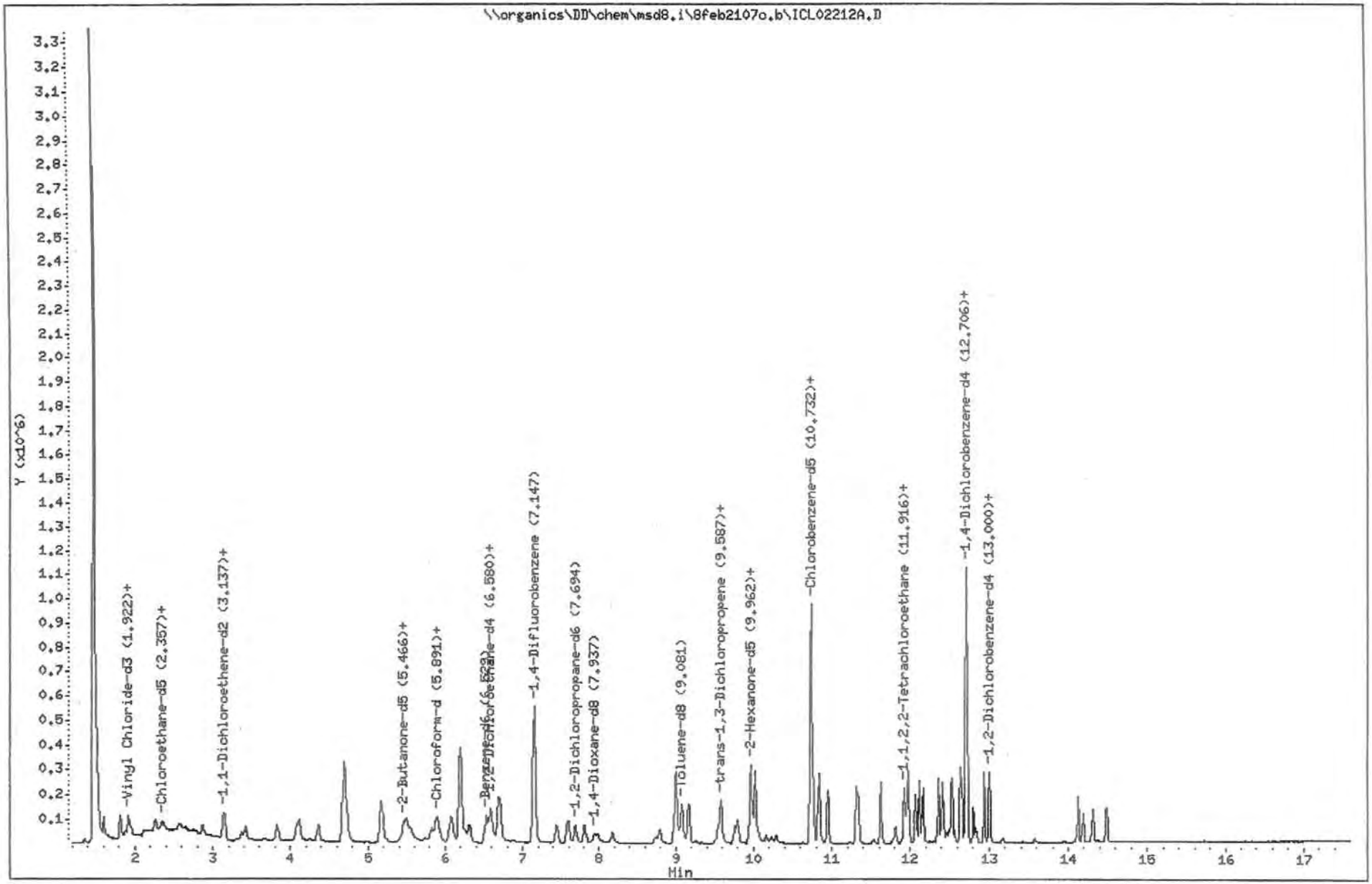
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
79 2-Chlorotoluene	91	12.058	12.068	(0.948)	131008	1.00000	1.0468
80 4-Chlorotoluene	91	12.159	12.159	(0.956)	122591	1.00000	1.0216
81 Dibromomethane	93	7.977	7.977	(1.116)	18354	1.00000	0.9898
82 1,3-Dichloropropane	76	9.951	9.951	(0.927)	63645	1.00000	1.0213
83 2,2-Dichloropropane	77	5.455	5.455	(0.763)	67527	1.00000	1.0540
84 1,1-Dichloropropene	75	6.316	6.316	(0.884)	47902	1.00000	0.9955
85 Hexachlorbutadiene	225	14.194	14.194	(1.116)	25346	1.00000	1.0541
86 p-Isopropyltoluene	119	12.635	12.635	(0.994)	143124	1.00000	1.0005
87 Napthalene	128	14.316	14.316	(1.126)	103834	1.00000	1.0754
88 n-Propylbenzene	91	11.967	11.966	(0.941)	198221	1.00000	1.0080
89 1,1,1,2-Tetrachloroethane	131	10.843	10.842	(1.010)	27927	1.00000	0.9435
90 1,2,3-Trichloropropane	110	11.987	11.987	(1.117)	9773	1.00000	1.0515
91 Hexane	57	4.362	4.362	(0.610)	47189	1.00000	0.9644
92 Isopropanol	45	3.491	3.572	(0.489)	90129	50.0000	50.8343 (QM)

QC Flag Legend

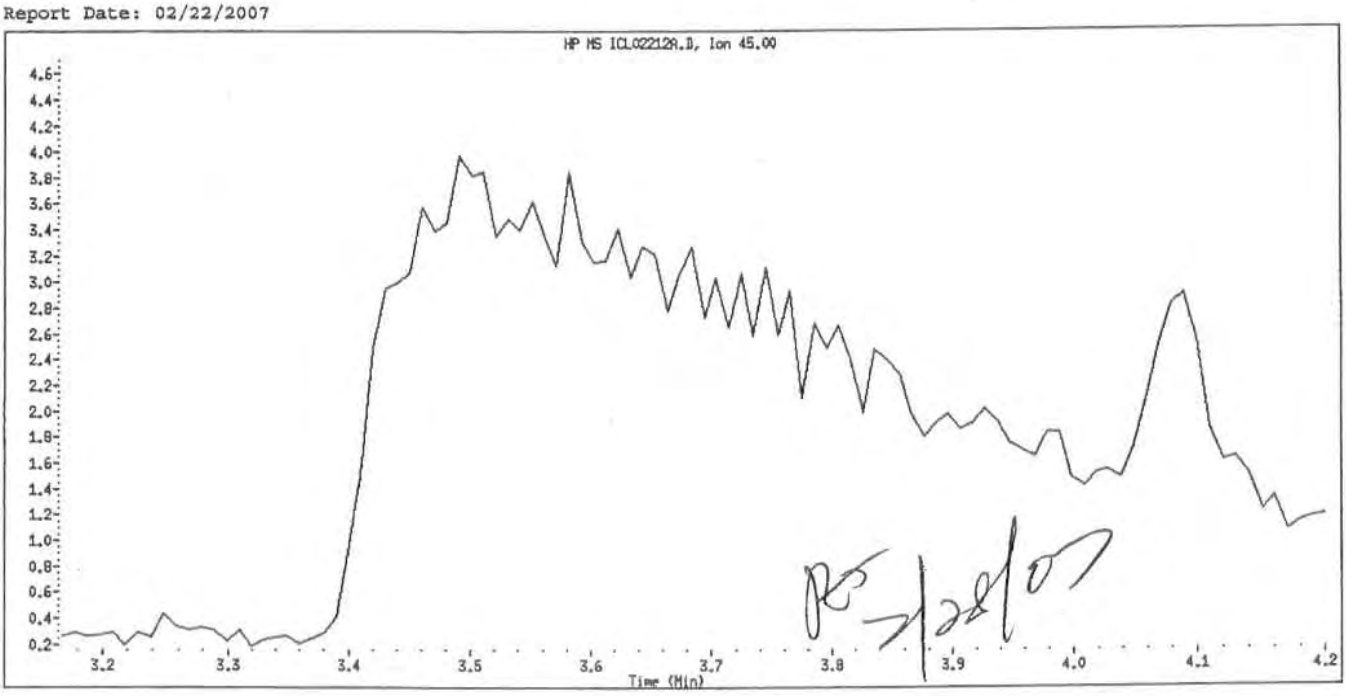
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: \\organics\DD\chem\msd8.i\8feb2107c.b\ICL02212A.D
Date : 21-FEB-2007 16:35
Client ID: VSTD00121
Sample Info: 8feb2107c.b, ICL02212
Purge Volume: 25.0
Column phase: DB-624

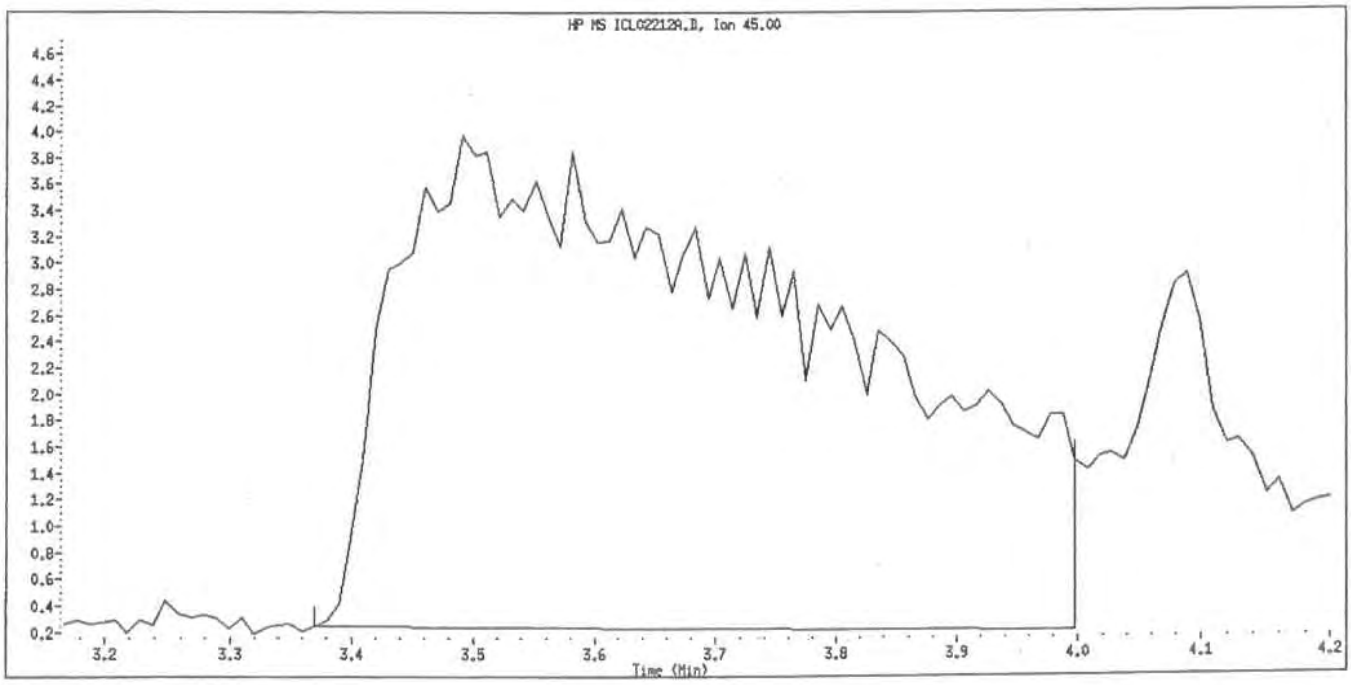
Instrument: msd8.i
Operator: DLB
Column diameter: 0.25



Data File Name: ICL02212A.D
Inj. Date and Time: 21-FEB-2007 16:35
Instrument ID: msd8.i
Client ID:
Compound Name: Isopropanol
CAS #: 67-63-0
Report Date: 02/22/2007



Original Integration



Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

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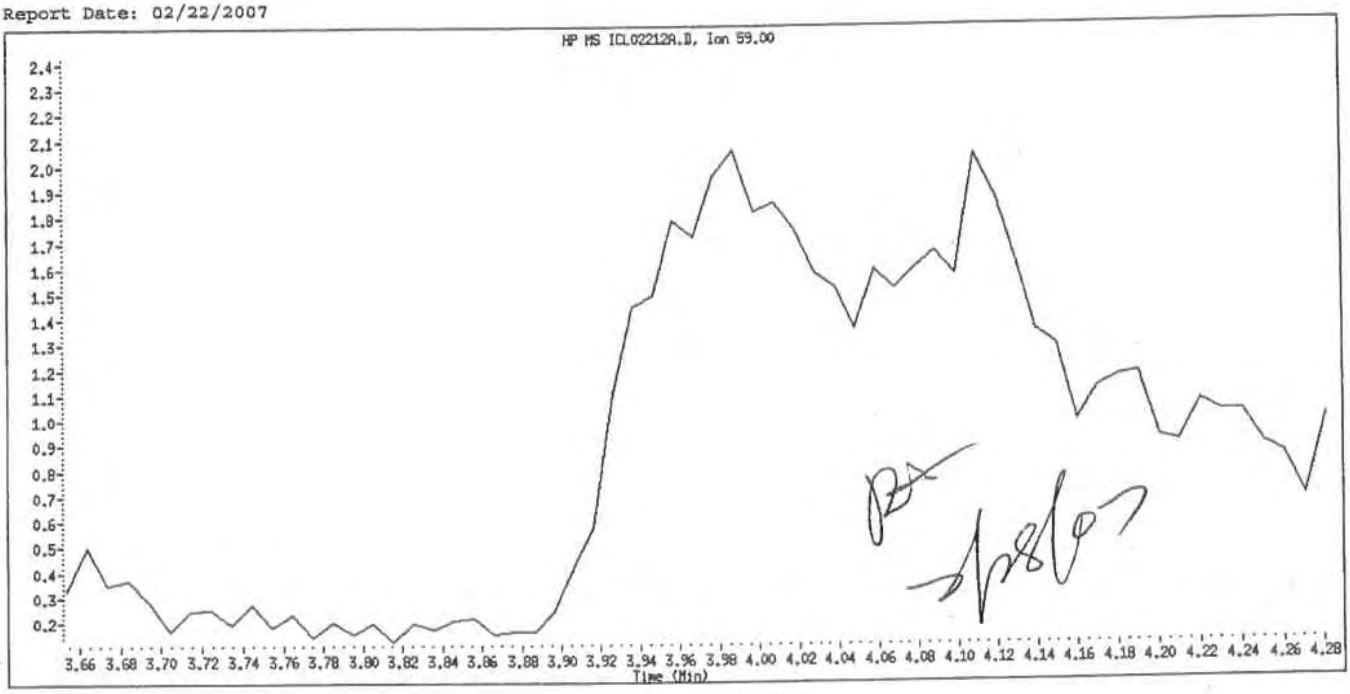
Inj. Date and Time: 21-FEB-2007 16:35
Instrument ID: msd8.i
Client ID:
Compound Name: tert-butyl alcohol
CAS #: 75-65-0
Report Date: 02/22/2007



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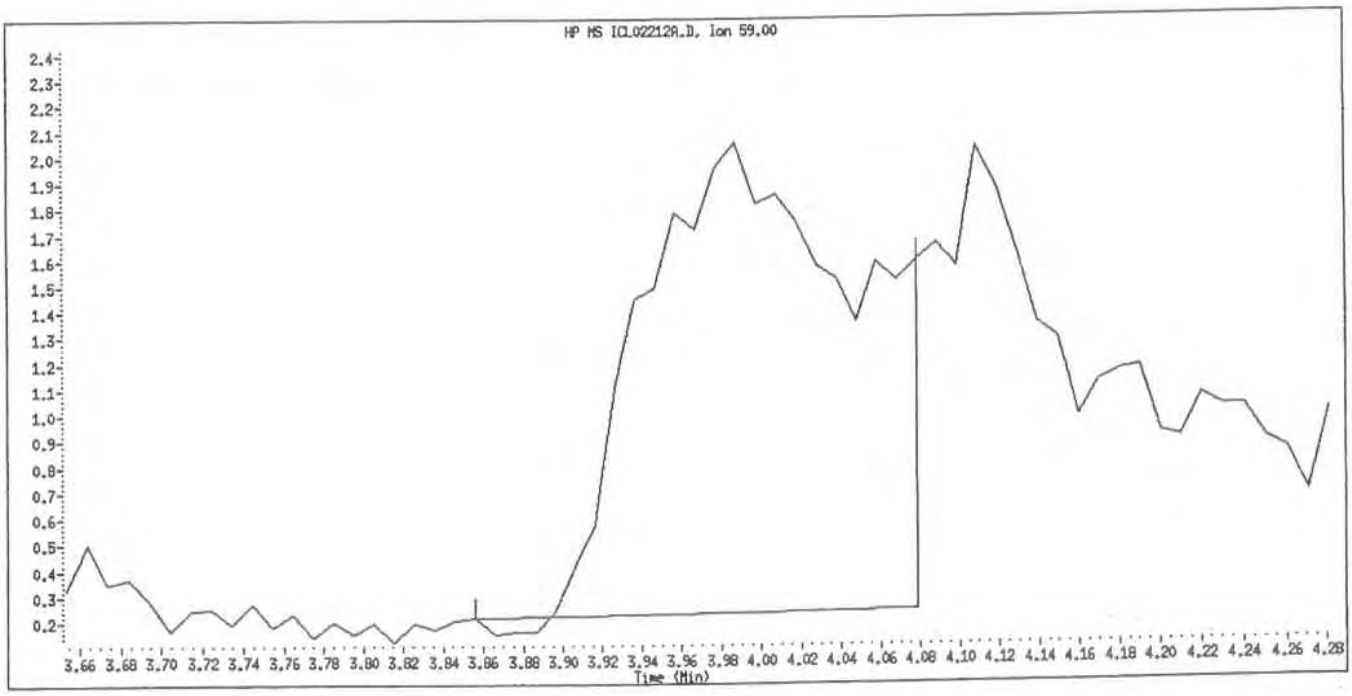

Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

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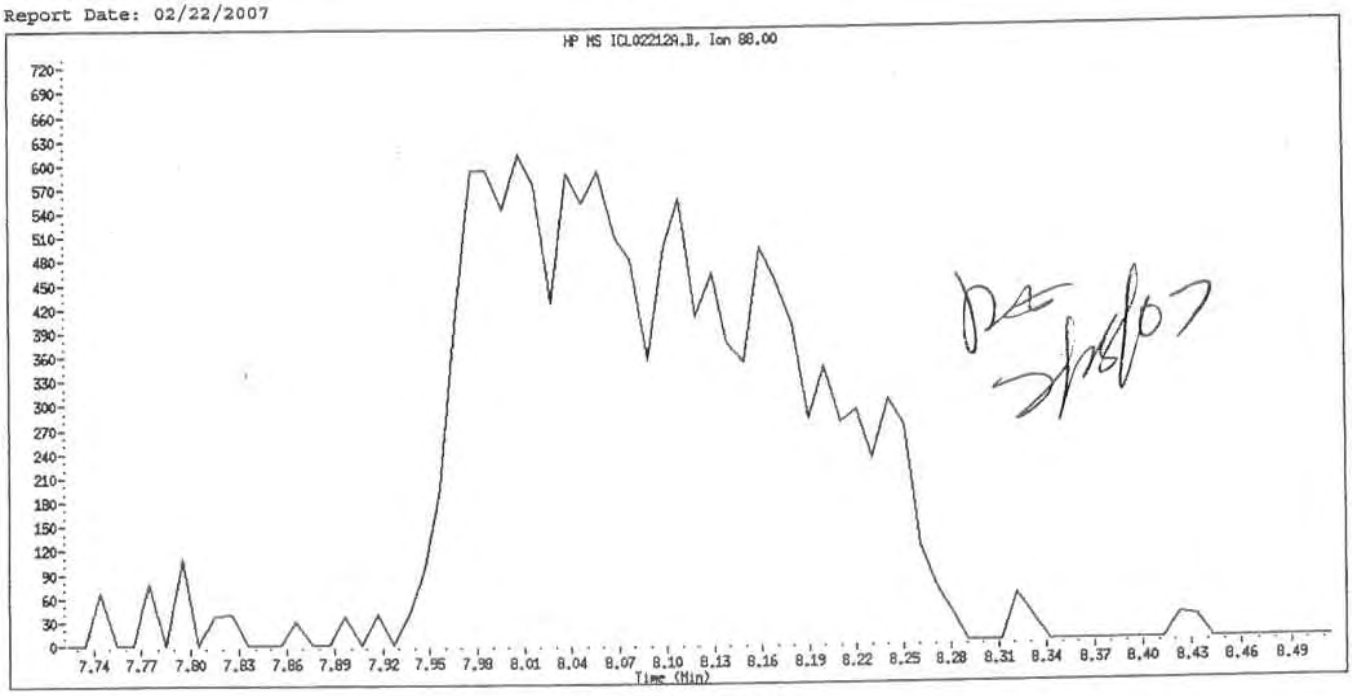
Inj. Date and Time: 21-FEB-2007 16:35
Instrument ID: msd8.i
Client ID:
Compound Name: 1,4-Dioxane
CAS #: 123-91-1
Report Date: 02/22/2007



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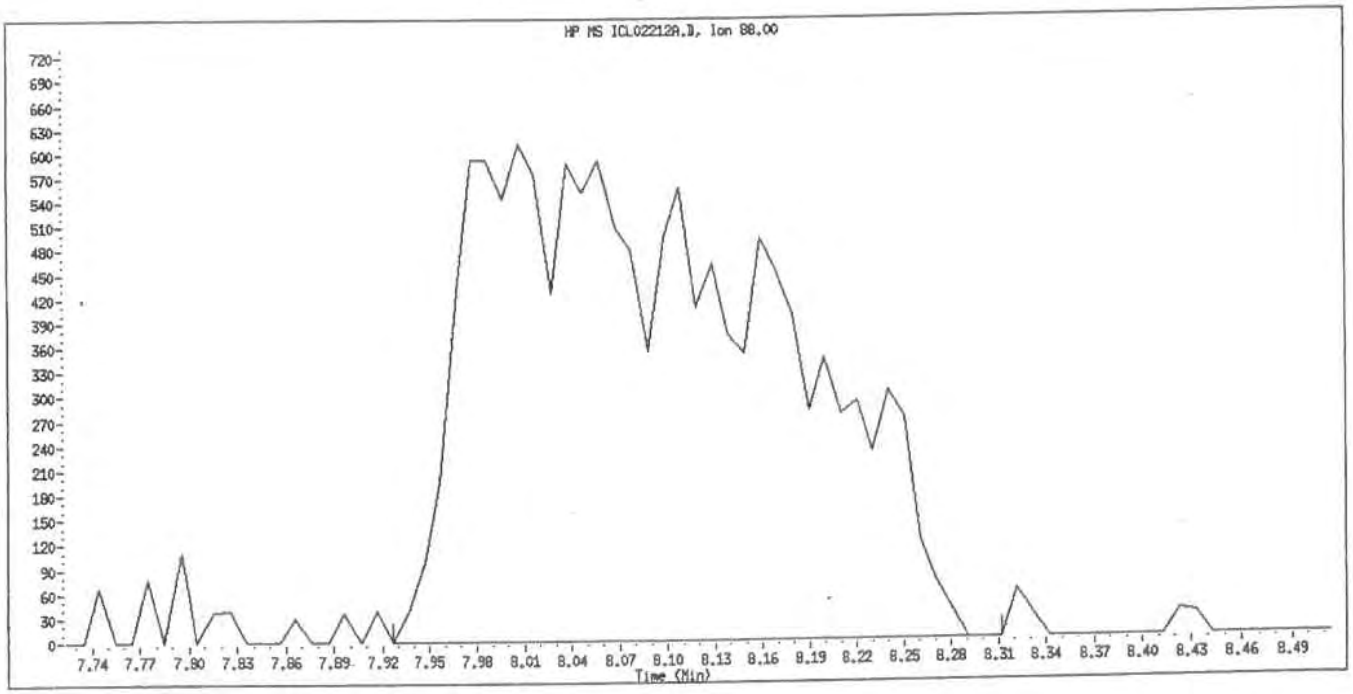


Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Data File: \\organics\DD\chem\msd8.i\8feb2107c.b\ICL02213A.D
Report Date: 28-Feb-2007 16:01

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb2107c.b\ICL02213A.D
Lab Smp Id: ICL02213 Client Smp ID: VSTD00521
Inj Date : 21-FEB-2007 16:12 Inst ID: msd8.i
Operator : DLB
Smp Info : 8feb2107c.b, ICL02213
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb2107c.b\TRACE1359.m
Meth Date : 26-Feb-2007 14:28 msd8.i Quant Type: ISTD
Cal Date : 21-FEB-2007 16:12 Cal File: ICL02213A.D
Als bottle: 60 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	1.648	1.648	(0.231)	125754	5.00000	5.6252
	2 Chloromethane	50	1.810	1.810	(0.253)	320675	5.00000	4.5192
$	3 Vinyl Chloride-d3	65	1.911	1.911	(0.267)	163742	5.00000	5.1263
	4 Vinyl Chloride	62	1.921	1.921	(0.269)	255298	5.00000	5.1400
	5 Bromomethane	94	2.265	2.265	(0.317)	145419	5.00000	4.9214
$	6 Chloroethane-d5	69	2.336	2.336	(0.327)	137120	5.00000	5.0018
	7 Chloroethane	64	2.367	2.367	(0.331)	142105	5.00000	5.0571
	8 Trichlorofluoromethane	101	2.579	2.579	(0.361)	215510	5.00000	5.3671
$	9 1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	320493	5.00000	4.8333
	10 1,1,2-Trichloro-1,2,2-trifluo	101	3.126	3.126	(0.437)	157399	5.00000	5.3780
	11 1,1-Dichloroethene	96	3.146	3.146	(0.440)	138605	5.00000	4.8597
	12 Acetone	43	3.288	3.298	(0.460)	289699	50.0000	42.0986
	13 Carbon Disulfide	76	3.410	3.420	(0.477)	446972	5.00000	4.6088
	14 Methyl Acetate	43	3.653	3.663	(0.511)	140033	5.00000	4.1800
	15 Methylene Chloride	84	3.825	3.825	(0.535)	163827	5.00000	5.0962
	16 Methyl tert-Butyl Ether	73	4.078	4.078	(0.571)	409955	5.00000	4.4519
	17 trans-1,2-Dichloroethene	96	4.108	4.119	(0.575)	152799	5.00000	4.6696
	18 1,1-Dichloroethane	63	4.716	4.726	(0.660)	316811	5.00000	4.6541
$	19 2-Butanone-d5	46	5.465	5.465	(0.765)	582660	50.0000	41.4459
	20 cis-1,2-Dichloroethene	96	5.496	5.496	(0.769)	166869	5.00000	4.5836
	21 2-Butanone	43	5.536	5.546	(0.775)	599871	50.0000	42.0536
	22 Bromochloromethane	128	5.820	5.820	(0.814)	75539	5.00000	4.7219
$	23 Chloroform-d	84	5.880	5.880	(0.823)	295261	5.00000	4.7083
	24 Chloroform	83	5.911	5.911	(0.827)	279825	5.00000	4.6378

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	25 1,1,1-Trichloroethane	97	6.093	6.093	(0.568)	210448	5.00000	4.9879
	26 Cyclohexane	56	6.073	6.073	(0.566)	321235	5.00000	5.3459
	27 Carbon Tetrachloride	117	6.265	6.265	(0.584)	156274	5.00000	5.0223
$	28 1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	153090	5.00000	4.4085
$	29 Benzene-d6	84	6.529	6.529	(0.608)	651373	5.00000	4.9011
	30 Benzene	78	6.579	6.579	(0.613)	670182	5.00000	4.8260
	31 1,2-Dichloroethane	62	6.711	6.711	(0.939)	183280	5.00000	4.6089
*	32 1,4-Difluorobenzene	114	7.146	7.146	(1.000)	601818	5.00000	
	33 Trichloroethene	95	7.440	7.440	(0.693)	157888	5.00000	4.7893
$	34 1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	228693	5.00000	4.9838
	35 Methylcyclohexane	83	7.592	7.592	(0.707)	276191	5.00000	5.3854
	36 1,2-Dichloropropane	63	7.804	7.804	(0.727)	193478	5.00000	4.8797
	37 Bromodichloromethane	83	8.169	8.169	(0.761)	172741	5.00000	4.9154
	38 1,4-Dioxane	88	7.977	8.017	(1.116)	34157	250.000	174.8745
$	39 1,4-Dioxane-d8	96	7.966	7.967	(1.115)	25983	250.000	181.3772 (Q)
$	40 trans-1,3-Dichloropropene-d4	79	9.516	9.516	(0.887)	50639	5.00000	4.9030
	41 cis-1,3-Dichloropropene	75	8.787	8.787	(0.819)	226300	5.00000	4.8777
	42 4-Methyl-2-pentanone	43	8.989	8.999	(0.838)	1644339	50.0000	45.7709
$	43 Toluene-d8	98	9.080	9.080	(0.846)	593679	5.00000	4.8803
	44 Toluene	91	9.161	9.161	(0.854)	704434	5.00000	4.8890
	45 trans-1,3-Dichloropropene	75	9.546	9.556	(0.890)	176396	5.00000	4.7116
	46 1,1,2-Trichloroethane	97	9.759	9.759	(0.909)	119473	5.00000	4.7900
	47 Tetrachloroethene	164	9.799	9.799	(0.913)	131161	5.00000	5.0172
$	48 2-Hexanone-d5	63	9.961	9.961	(0.928)	549016	50.0000	44.6023
	49 2-Hexanone	43	10.012	10.012	(0.933)	1153524	50.0000	44.7594
	50 Dibromochloromethane	129	10.164	10.164	(0.947)	90557	5.00000	4.7585
	51 1,2-Dibromoethane	107	10.296	10.296	(0.959)	116695	5.00000	4.7612
*	52 Chlorobenzene-d5	117	10.731	10.731	(1.000)	538543	5.00000	
	53 Chlorobenzene	112	10.761	10.761	(1.003)	444457	5.00000	4.8054
	54 Ethylbenzene	91	10.832	10.832	(1.009)	762326	5.00000	4.8065
	55 m+p-Xylenes	106	10.944	10.944	(1.020)	287533	5.00000	4.8567
	56 o-Xylene	106	11.318	11.318	(1.055)	285273	5.00000	4.8504
	57 Styrene	104	11.339	11.339	(1.057)	474050	5.00000	5.2327
	58 Bromoform	173	11.531	11.531	(0.907)	34534	5.00000	4.6476
	59 Isopropylbenzene	105	11.622	11.622	(1.083)	716542	5.00000	4.8412
$	60 1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	160822	5.00000	4.6226
	61 1,1,2,2-Tetrachloroethane	83	11.936	11.936	(1.112)	155280	5.00000	4.6508
	62 1,3-Dichlorobenzene	146	12.655	12.655	(0.995)	347945	5.00000	4.8676
*	63 1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	259621	5.00000	
	64 1,4-Dichlorobenzene	146	12.726	12.726	(1.001)	356780	5.00000	4.8422
$	65 1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	208279	5.00000	4.7704
	66 1,2-Dichlorobenzene	146	13.009	13.009	(1.023)	316309	5.00000	4.7275
	67 1,2-Dibromo-3-chloropropane	75	13.587	13.576	(1.068)	19202	5.00000	4.5157
	68 1,2,4-Trichlorobenzene	180	14.123	14.123	(1.111)	230729	5.00000	4.8903
	69 1,2,3-Trichlorobenzene	180	14.488	14.488	(1.139)	198198	5.00000	4.8870
	70 1,2,4-Trimethylbenzene	105	12.412	12.412	(1.737)	594108	5.00000	4.7277
	71 1,3,5-Trimethylbenzene	105	12.108	12.108	(1.694)	600094	5.00000	4.7391
	72 tert-butyl alcohol	59	3.956	4.027	(0.554)	61698	50.0000	32.2310 (M)
	73 tert-amyl methyl ether	73	6.691	6.691	(0.936)	999342	50.0000	45.8912
	74 Ethyl tert-butyl ether	59	5.172	5.172	(0.724)	1115651	50.0000	46.8195
	75 Bromobenzene	77	11.916	11.916	(1.110)	298147	5.00000	4.7221
	76 n-Butylbenzene	91	12.938	12.938	(1.018)	640921	5.00000	4.9474
	77 sec-Butylbenzene	105	12.533	12.533	(0.986)	821968	5.00000	5.0564
	78 tert-Butylbenzene	119	12.361	12.361	(0.972)	514571	5.00000	4.9234

RP 3/28/07

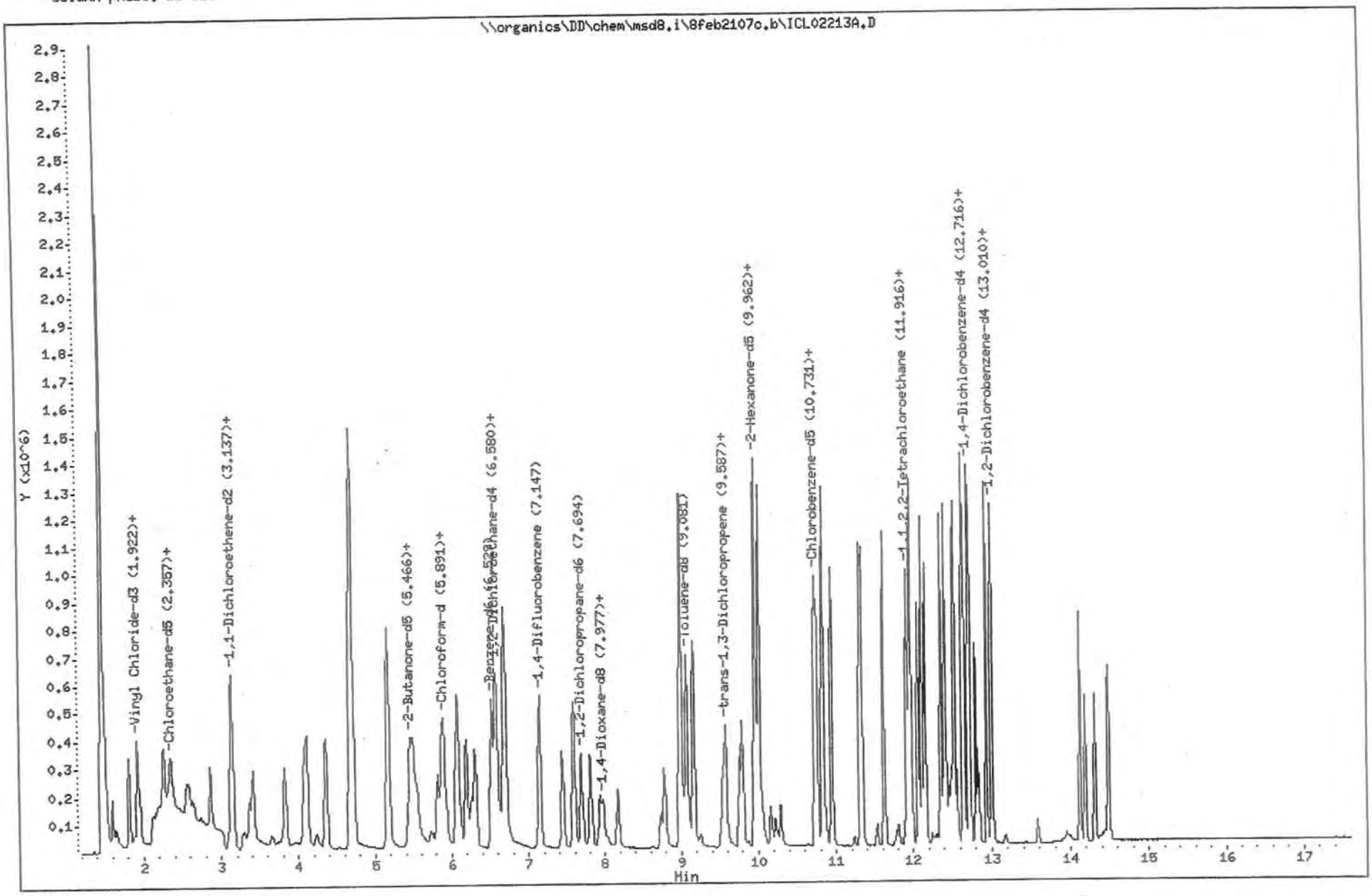
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
79 2-Chlorotoluene	91	12.068	12.068	(0.949)	585706	5.00000	5.0500
80 4-Chlorotoluene	91	12.159	12.159	(0.956)	547410	5.00000	4.9225
81 Dibromomethane	93	7.977	7.977	(1.116)	84552	5.00000	4.7265
82 1,3-Dichloropropane	76	9.951	9.951	(0.927)	278488	5.00000	4.7450
83 2,2-Dichloropropane	77	5.455	5.455	(0.763)	281795	5.00000	4.5592
84 1,1-Dichloropropene	75	6.306	6.316	(0.882)	222001	5.00000	4.7824
85 Hexachlorbutadiene	225	14.194	14.194	(1.116)	112122	5.00000	5.0316
86 p-Isopropyltoluene	119	12.635	12.635	(0.994)	669102	5.00000	5.0470
87 Napthalene	128	14.316	14.316	(1.126)	427993	5.00000	4.7831
88 n-Propylbenzene	91	11.966	11.966	(0.941)	914714	5.00000	5.0193
89 1,1,1,2-Tetrachloroethane	131	10.842	10.842	(1.010)	133530	5.00000	4.7897
90 1,2,3-Trichloropropane	110	11.987	11.987	(1.117)	39653	5.00000	4.5299
91 Hexane	57	4.362	4.362	(0.610)	256955	5.00000	5.4433
92 Isopropanol	45	3.481	3.572	(0.487)	323838	250.000	189.3220 (QM)

QC Flag Legend

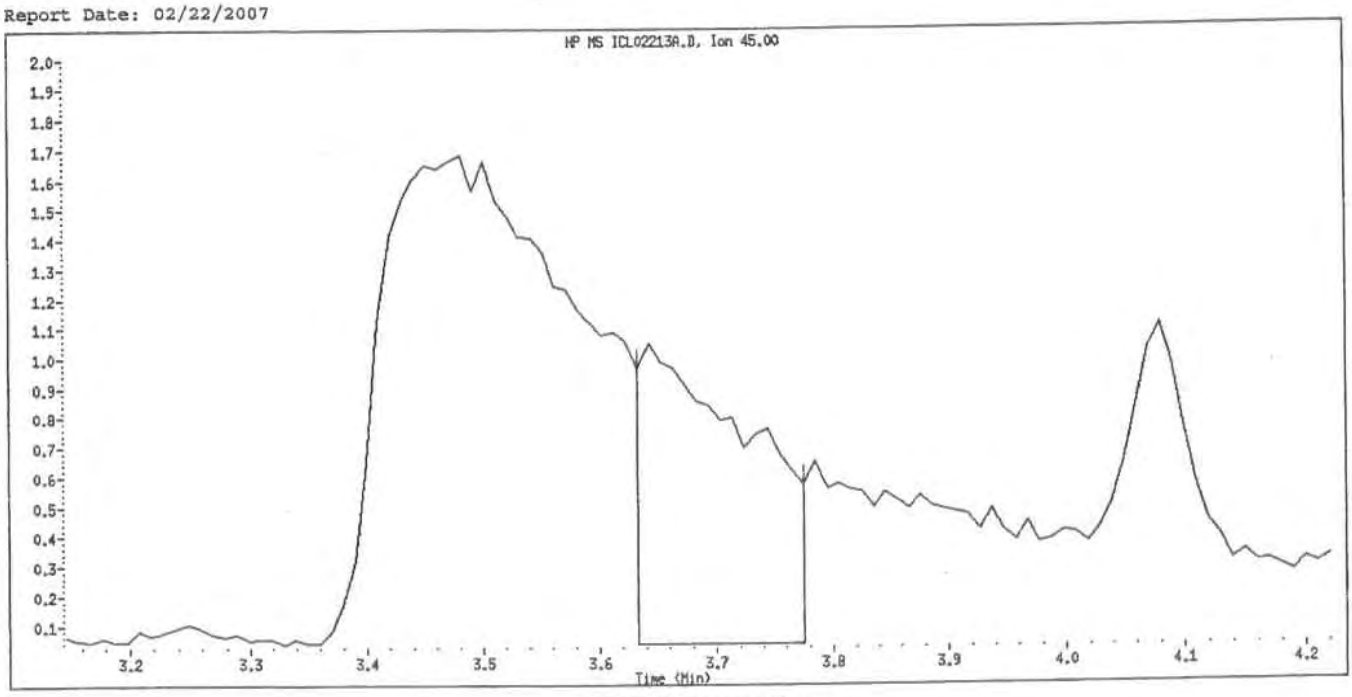
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: \\organics\DD\chem\msd8.i\8feb2107c.b\ICL02213A.D
Date : 21-FEB-2007 16:12
Client ID: VSTD00521
Sample Info: 8feb2107c.b, ICL02213
Purge Volume: 25.0
Column phase: DB-624

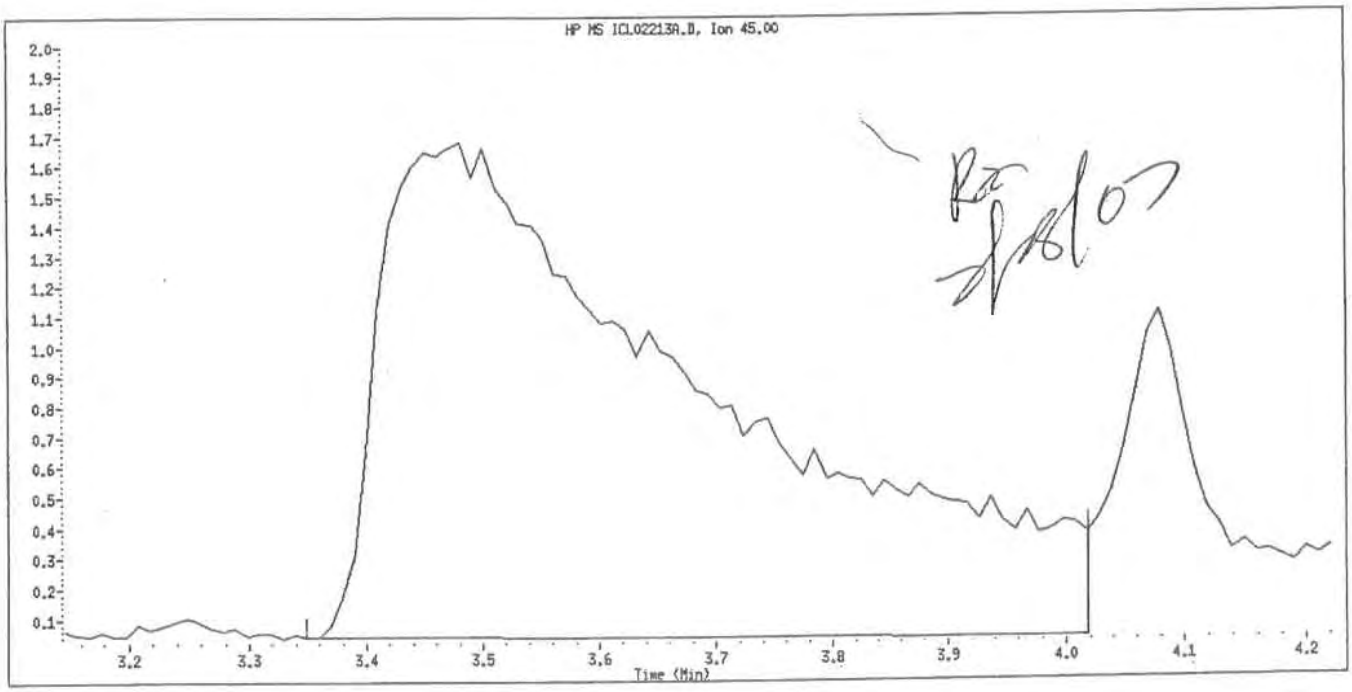
Instrument: msd8.i
Operator: DLB
Column diameter: 0.25



Data File Name: ICL02213A.D
Inj. Date and Time: 21-FEB-2007 16:12
Instrument ID: msd8.i
Client ID:
Compound Name: Isopropanol
CAS #: 67-63-0
Report Date: 02/22/2007



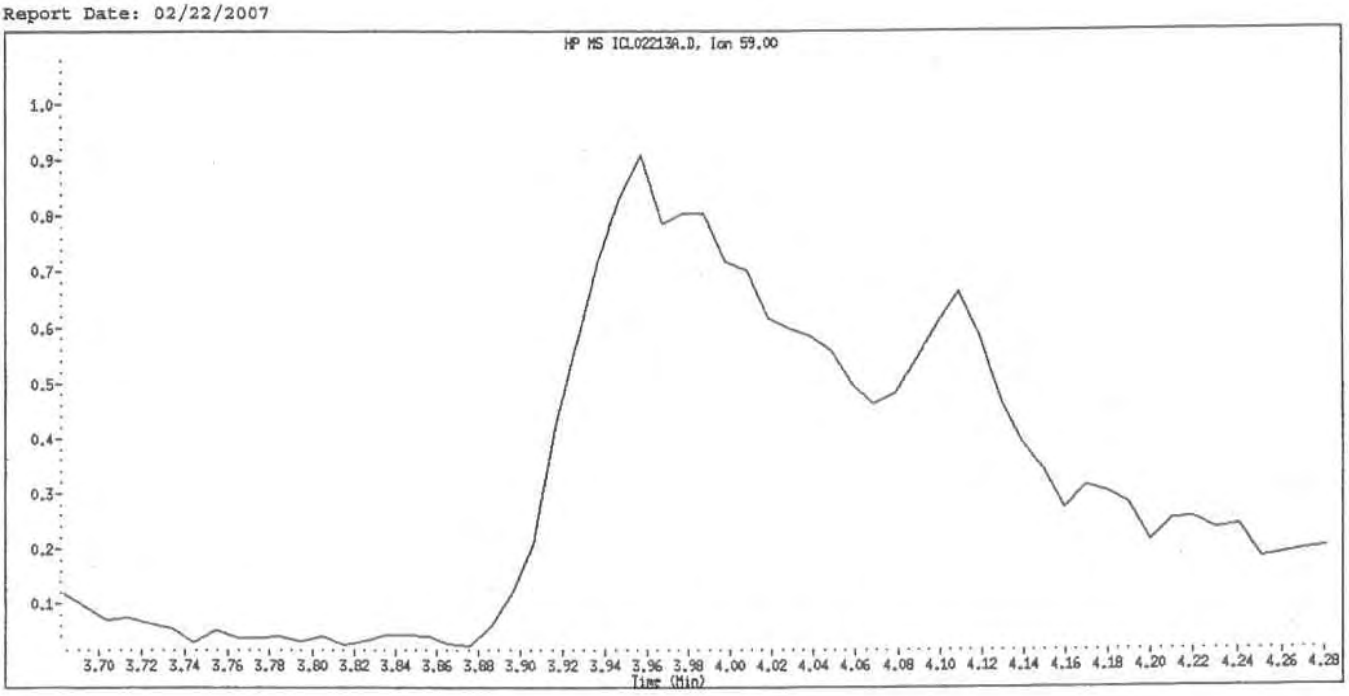
Original Integration



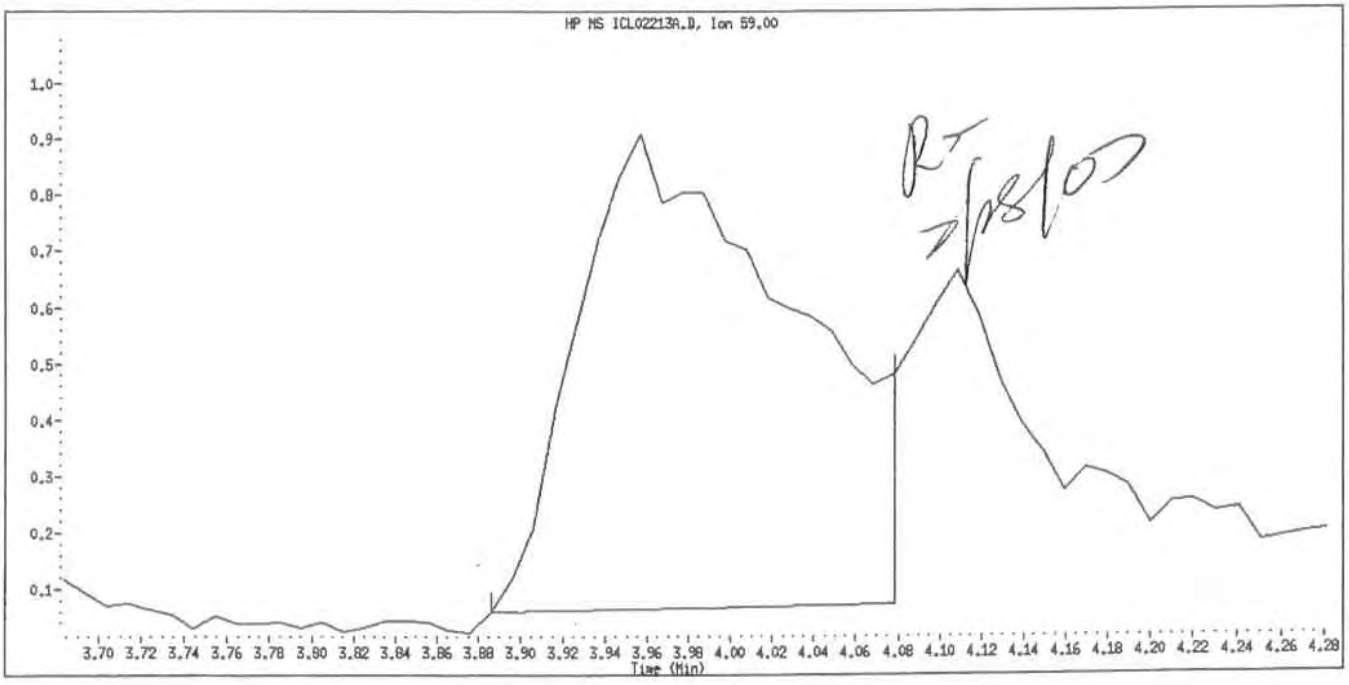
Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Data File Name: ICL02213A.D
Inj. Date and Time: 21-FEB-2007 16:12
Instrument ID: msd8.i
Client ID:
Compound Name: tert-butyl alcohol
CAS #: 75-65-0
Report Date: 02/22/2007



Original Integration



Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb2107c.b\ICL02214A.D
Lab Smp Id: ICL02214 Client Smp ID: VSTD01021
Inj Date : 21-FEB-2007 15:50
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb2107c.b, ICL02214
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb2107c.b\TRACE1359.m
Meth Date : 26-Feb-2007 14:28 msd8.i Quant Type: ISTD
Cal Date : 21-FEB-2007 15:50 Cal File: ICL02214A.D
Als bottle: 60 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	1.648	1.648	(0.231)	287894	10.0000	12.3448(M)
	2 Chloromethane	50	1.810	1.810	(0.253)	668566	10.0000	9.0320
$	3 Vinyl Chloride-d3	65	1.921	1.911	(0.269)	357861	10.0000	10.7399
	4 Vinyl Chloride	62	1.931	1.921	(0.270)	563589	10.0000	10.8773
	5 Bromomethane	94	2.266	2.265	(0.317)	320043	10.0000	10.3827
$	6 Chloroethane-d5	69	2.337	2.336	(0.327)	287318	10.0000	10.0469
	7 Chloroethane	64	2.367	2.367	(0.331)	298828	10.0000	10.1943
	8 Trichlorofluoromethane	101	2.569	2.579	(0.360)	487731	10.0000	11.6436
$	9 1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	730200	10.0000	10.5563
	10 1,1,2-Trichloro-1,2,2-trifluo	101	3.126	3.126	(0.438)	328063	10.0000	10.7453
	11 1,1-Dichloroethene	96	3.147	3.146	(0.440)	316208	10.0000	10.6277
	12 Acetone	43	3.288	3.298	(0.460)	603133	100.000	84.0176
	13 Carbon Disulfide	76	3.410	3.420	(0.477)	1024805	10.0000	10.1296
	14 Methyl Acetate	43	3.663	3.663	(0.513)	353897	10.0000	10.1266
	15 Methylene Chloride	84	3.825	3.825	(0.535)	372001	10.0000	11.0928
	16 Methyl tert-Butyl Ether	73	4.078	4.078	(0.571)	1005893	10.0000	10.4713
	17 trans-1,2-Dichloroethene	96	4.119	4.119	(0.576)	356502	10.0000	10.4438
	18 1,1-Dichloroethane	63	4.726	4.726	(0.661)	744515	10.0000	10.4844
$	19 2-Butanone-d5	46	5.455	5.465	(0.763)	1233071	100.000	84.0797
	20 cis-1,2-Dichloroethene	96	5.496	5.496	(0.769)	402088	10.0000	10.5875
	21 2-Butanone	43	5.536	5.546	(0.775)	1299632	100.000	87.3379
	22 Bromochloromethane	128	5.820	5.820	(0.814)	171273	10.0000	10.2629
$	23 Chloroform-d	84	5.881	5.880	(0.823)	677373	10.0000	10.3545
	24 Chloroform	83	5.911	5.911	(0.827)	636031	10.0000	10.1051

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	
25	1,1,1-Trichloroethane	97	6.093	6.093	(0.568)	498735	10.0000	10.9586	
26	Cyclohexane	56	6.073	6.073	(0.566)	768577	10.0000	11.8577	
27	Carbon Tetrachloride	117	6.255	6.265	(0.583)	377234	10.0000	11.2394	
$ 28	1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	380291	10.0000	10.4978	
$ 29	Benzene-d6	84	6.529	6.529	(0.608)	1511136	10.0000	10.5410	
30	Benzene	78	6.579	6.579	(0.613)	1583614	10.0000	10.5722	
31	1,2-Dichloroethane	62	6.711	6.711	(0.939)	434971	10.0000	10.4854	
* 32	1,4-Difluorobenzene	114	7.146	7.146	(1.000)	627810	5.00000		
33	Trichloroethene	95	7.440	7.440	(0.693)	375025	10.0000	10.5463	
$ 34	1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	523064	10.0000	10.5676	
35	Methylcyclohexane	83	7.592	7.592	(0.707)	648715	10.0000	11.7268	
36	1,2-Dichloropropane	63	7.815	7.804	(0.728)	434045	10.0000	10.1487	
37	Bromodichloromethane	83	8.169	8.169	(0.761)	409245	10.0000	10.7960	
38	1,4-Dioxane	88	7.997	8.017	(1.119)	65062	400.000	319.3091	(M)
$ 39	1,4-Dioxane-d8	96	7.977	7.967	(1.116)	46580	400.000	311.6950	(Q)
$ 40	trans-1,3-Dichloropropene-d4	79	9.516	9.516	(0.887)	121688	10.0000	10.9229	
41	cis-1,3-Dichloropropene	75	8.787	8.787	(0.819)	546917	10.0000	10.9287	
42	4-Methyl-2-pentanone	43	9.000	8.999	(0.839)	3576744	100.000	92.2997	
$ 43	Toluene-d8	98	9.081	9.080	(0.846)	1372780	10.0000	10.4620	
44	Toluene	91	9.162	9.161	(0.854)	1638866	10.0000	10.5448	
45	trans-1,3-Dichloropropene	75	9.546	9.556	(0.890)	431628	10.0000	10.6883	
46	1,1,2-Trichloroethane	97	9.759	9.759	(0.909)	274964	10.0000	10.2202	
47	Tetrachloroethene	164	9.800	9.799	(0.913)	299899	10.0000	10.6352	
$ 48	2-Hexanone-d5	63	9.962	9.961	(0.928)	1239032	100.000	93.3187	
49	2-Hexanone	43	10.012	10.012	(0.933)	2528146	100.000	90.9439	
50	Dibromochloromethane	129	10.164	10.164	(0.947)	227193	10.0000	11.0677	
51	1,2-Dibromoethane	107	10.296	10.296	(0.959)	267968	10.0000	10.1360	
* 52	Chlorobenzene-d5	117	10.731	10.731	(1.000)	580907	5.00000		
53	Chlorobenzene	112	10.762	10.761	(1.003)	1030758	10.0000	10.3317	
54	Ethylbenzene	91	10.832	10.832	(1.009)	1821928	10.0000	10.6498	
55	m+p-Xylenes	106	10.944	10.944	(1.020)	682263	10.0000	10.6836	
56	o-Xylene	106	11.318	11.318	(1.055)	683147	10.0000	10.7683	
57	Styrene	104	11.339	11.339	(1.057)	1143845	10.0000	11.7055	
58	Bromoform	173	11.531	11.531	(0.907)	95348	10.0000	11.3553	
59	Isopropylbenzene	105	11.622	11.622	(1.083)	1727004	10.0000	10.8174	
$ 60	1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	376785	10.0000	10.0404	
61	1,1,2,2-Tetrachloroethane	83	11.936	11.936	(1.112)	360419	10.0000	10.0078	
62	1,3-Dichlorobenzene	146	12.655	12.655	(0.995)	840064	10.0000	10.3996	
* 63	1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	293384	5.00000		(Q)
64	1,4-Dichlorobenzene	146	12.726	12.726	(1.001)	854457	10.0000	10.2621	
$ 65	1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	498903	10.0000	10.1119	
66	1,2-Dichlorobenzene	146	13.010	13.009	(1.023)	777937	10.0000	10.2889	
67	1,2-Dibromo-3-chloropropane	75	13.577	13.576	(1.068)	45617	10.0000	9.4931	
68	1,2,4-Trichlorobenzene	180	14.123	14.123	(1.111)	565916	10.0000	10.6143	
69	1,2,3-Trichlorobenzene	180	14.488	14.488	(1.139)	481353	10.0000	10.5029	
70	1,2,4-Trimethylbenzene	105	12.412	12.412	(1.737)	1473743	10.0000	11.2420	
71	1,3,5-Trimethylbenzene	105	12.108	12.108	(1.694)	1468519	10.0000	11.1173	
72	tert-butyl alcohol	59	3.957	4.027	(0.554)	131513	100.000	65.8581	(TQM)
73	tert-amyl methyl ether	73	6.691	6.691	(0.936)	2337892	100.000	102.9146	
74	Ethyl tert-butyl ether	59	5.172	5.172	(0.724)	2613766	100.000	105.1482	
75	Bromobenzene	77	11.916	11.916	(1.110)	696324	10.0000	10.2242	
76	n-Butylbenzene	91	12.939	12.938	(1.018)	1591107	10.0000	10.8687	
77	sec-Butylbenzene	105	12.534	12.533	(0.986)	1996406	10.0000	10.8677	
78	tert-Butylbenzene	119	12.362	12.361	(0.972)	1268296	10.0000	10.7386	

RT 2/28/07

RT 2/28/07

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
79 2-Chlorotoluene	91	12.058	12.068	(0.948)	1385422	10.0000	10.5707
80 4-Chlorotoluene	91	12.159	12.159	(0.956)	1300759	10.0000	10.3509
81 Dibromomethane	93	7.977	7.977	(1.116)	194089	10.0000	10.4005
82 1,3-Dichloropropane	76	9.951	9.951	(0.927)	632065	10.0000	9.9841
83 2,2-Dichloropropane	77	5.455	5.455	(0.763)	664219	10.0000	10.3017
84 1,1-Dichloropropene	75	6.306	6.316	(0.882)	524460	10.0000	10.8304
85 Hexachlorbutadiene	225	14.194	14.194	(1.116)	281980	10.0000	11.1980
86 p-Isopropyltoluene	119	12.635	12.635	(0.994)	1653454	10.0000	11.0366
87 Napthalene	128	14.316	14.316	(1.126)	1006268	10.0000	9.9515
88 n-Propylbenzene	91	11.967	11.966	(0.941)	2187039	10.0000	10.6199
89 1,1,1,2-Tetrachloroethane	131	10.843	10.842	(1.010)	324560	10.0000	10.7929
90 1,2,3-Trichloropropane	110	11.987	11.987	(1.117)	89014	10.0000	9.4273
91 Hexane	57	4.362	4.362	(0.610)	595983	10.0000	12.1027
92 Isopropanol	45	3.440	3.572	(0.481)	638353	500.000	357.7430 (M)

QC Flag Legend

T - Target compound detected outside RT window.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: \\organics\DD\chem\msd8.i\8feb2107c.b\ICL02214A.D

Date : 21-FEB-2007 15:50

Client ID: VSTD01021

Instrument: msd8.i

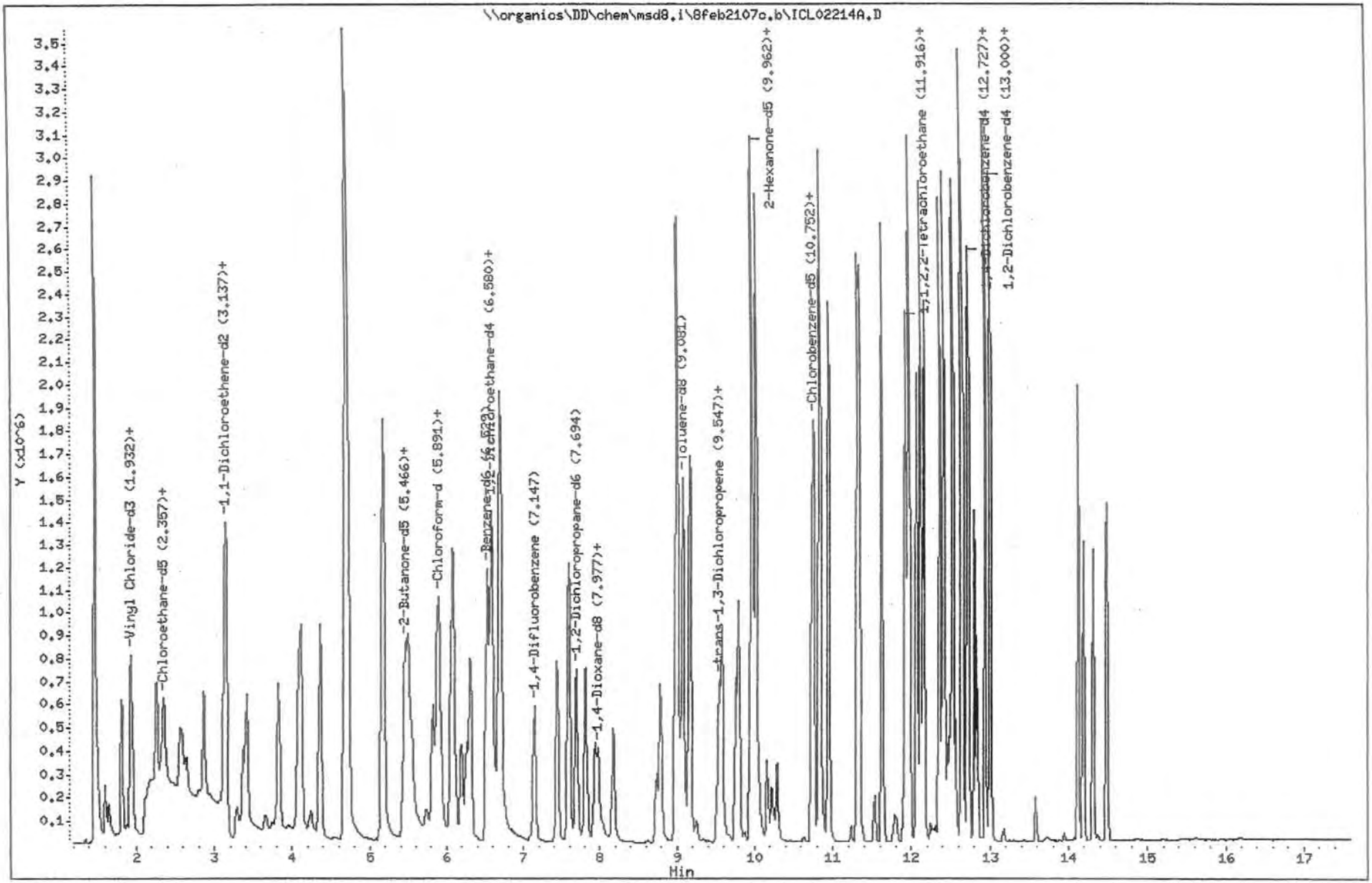
Sample Info: 8feb2107c.b, ICL02214

Purge Volume: 25.0

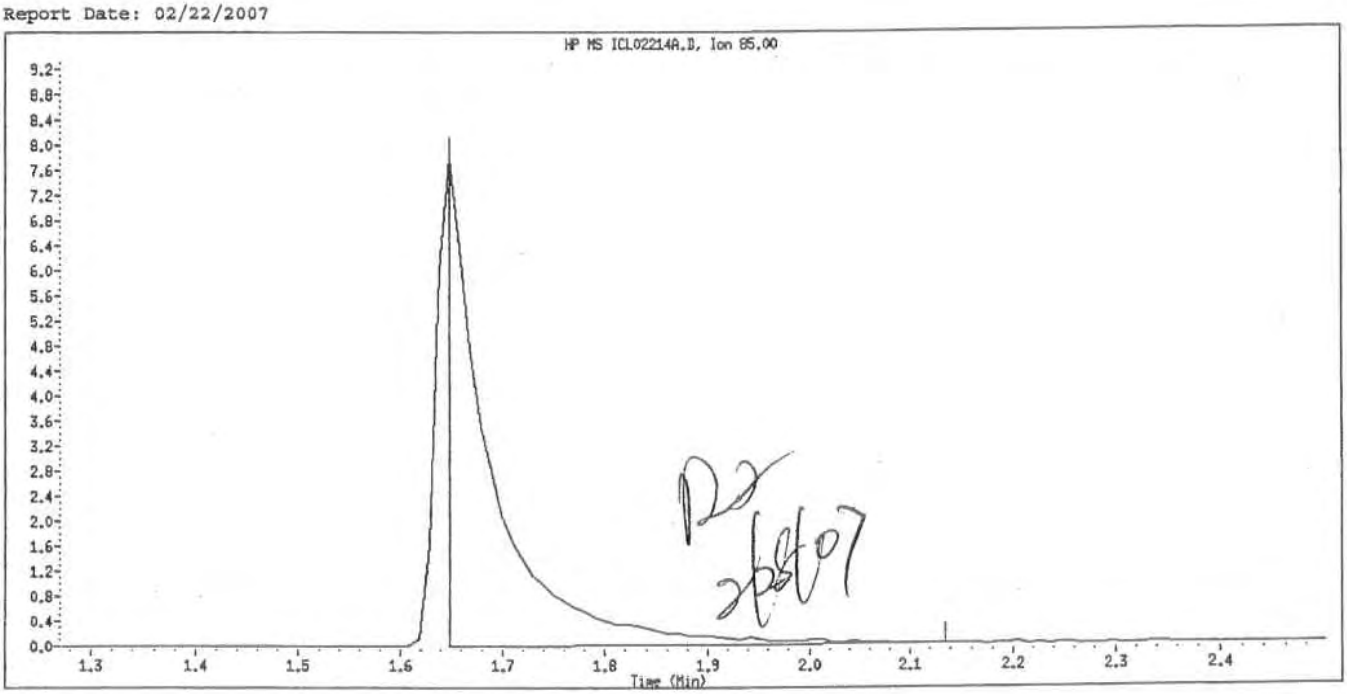
Operator: DLB

Column phase: DB-624

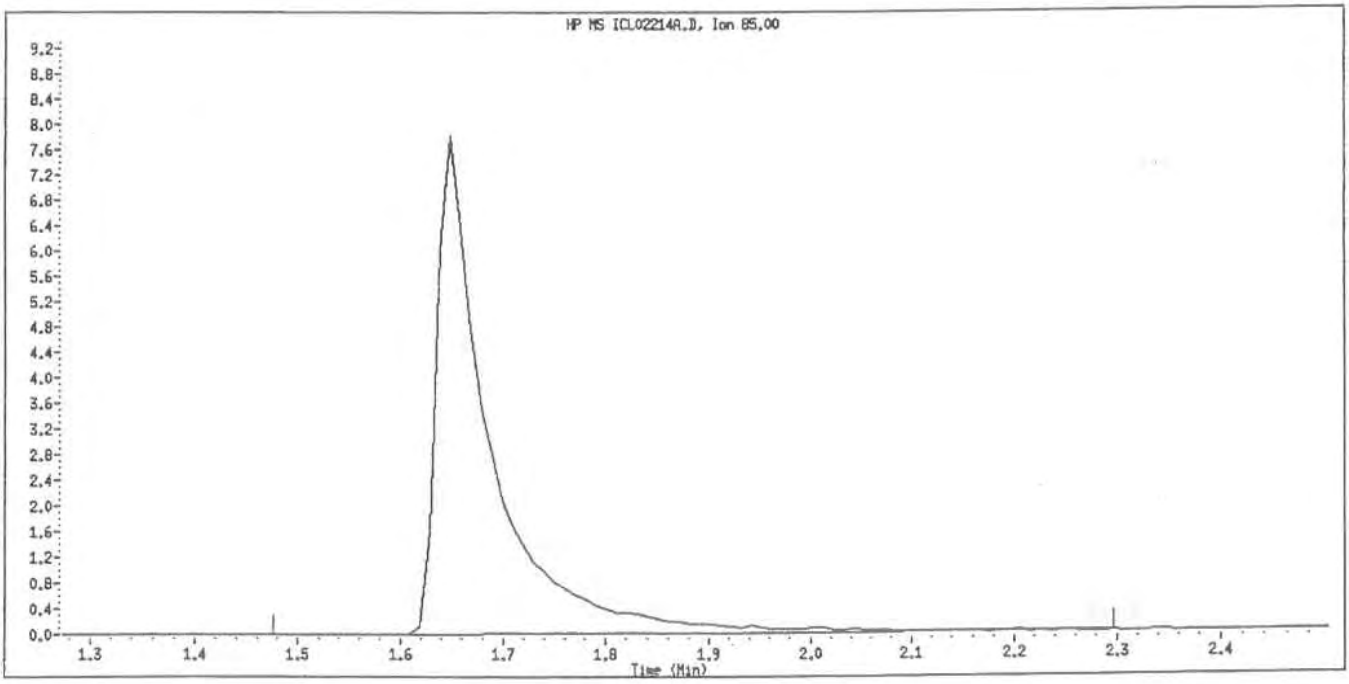
Column diameter: 0.25



Data File Name: ICL02214A.D
Inj. Date and Time: 21-FEB-2007 15:50
Instrument ID: msd8.i
Client ID:
Compound Name: Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 02/22/2007



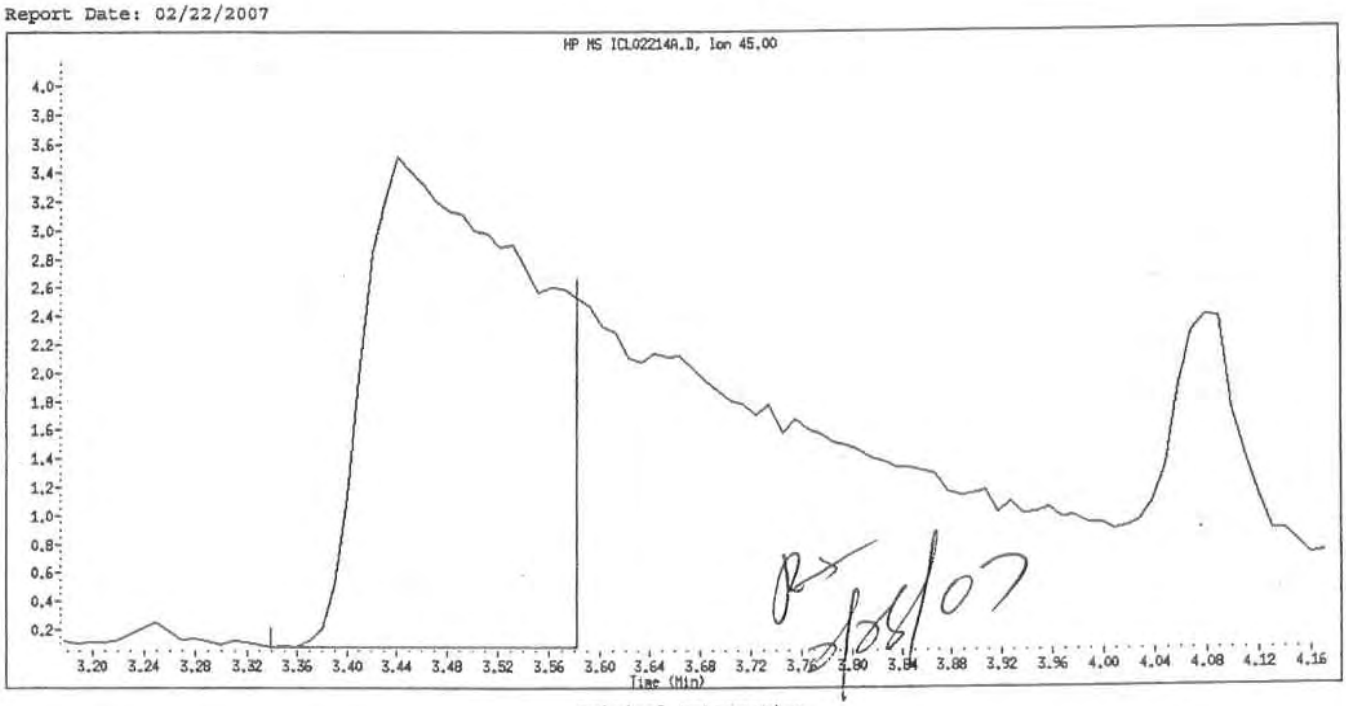
Original Integration



Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Data File Name: ICL02214A.D
Inj. Date and Time: 21-FEB-2007 15:50
Instrument ID: msd8.i
Client ID:
Compound Name: Isopropanol
CAS #: 67-63-0
Report Date: 02/22/2007



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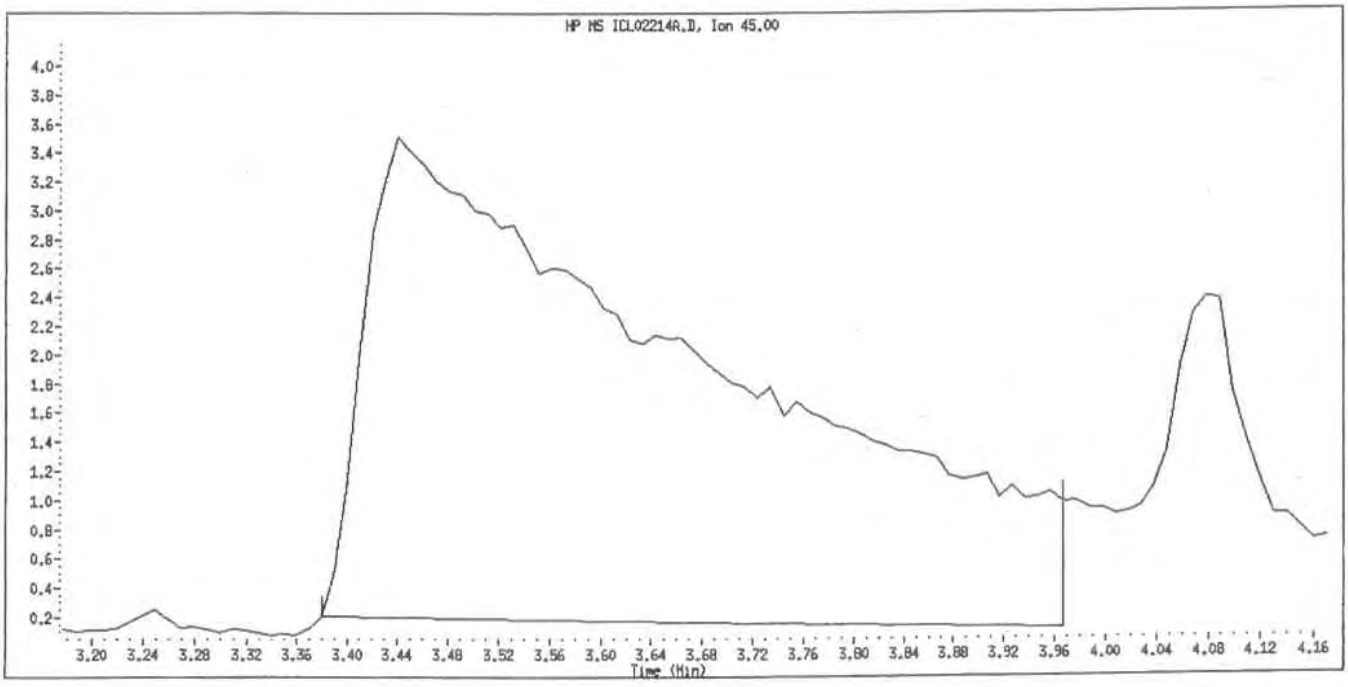
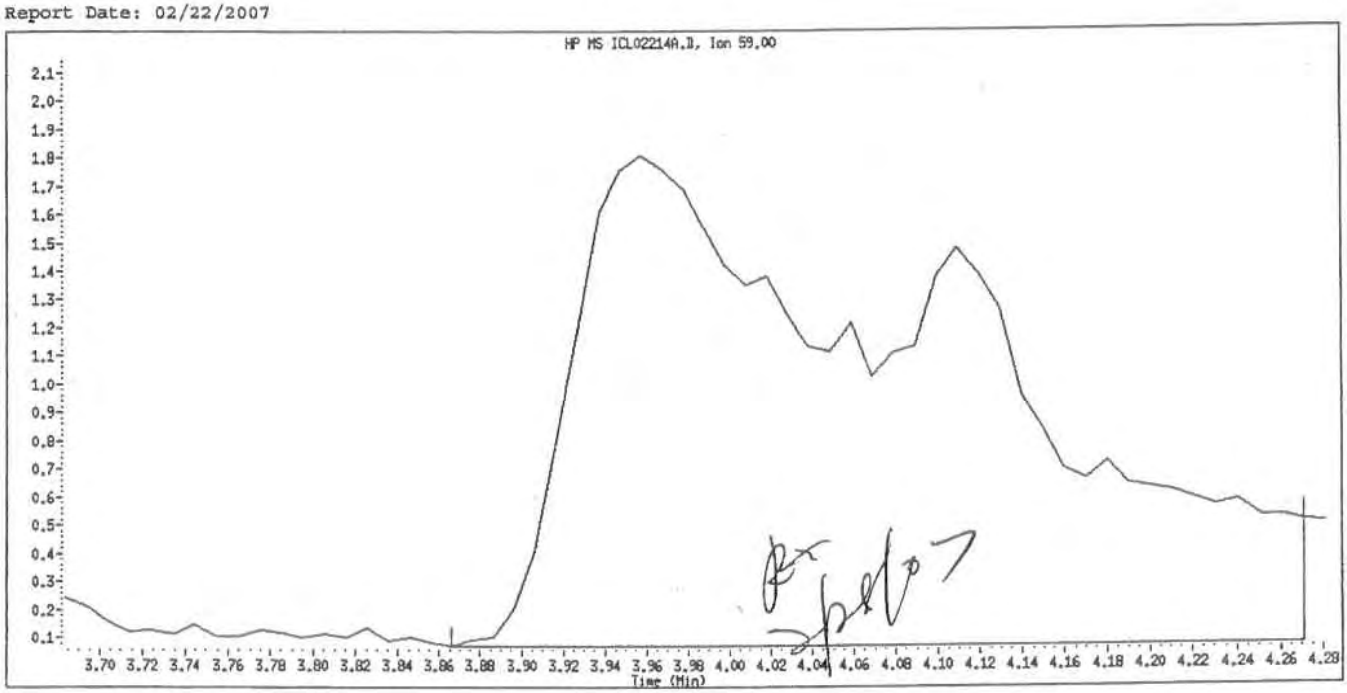


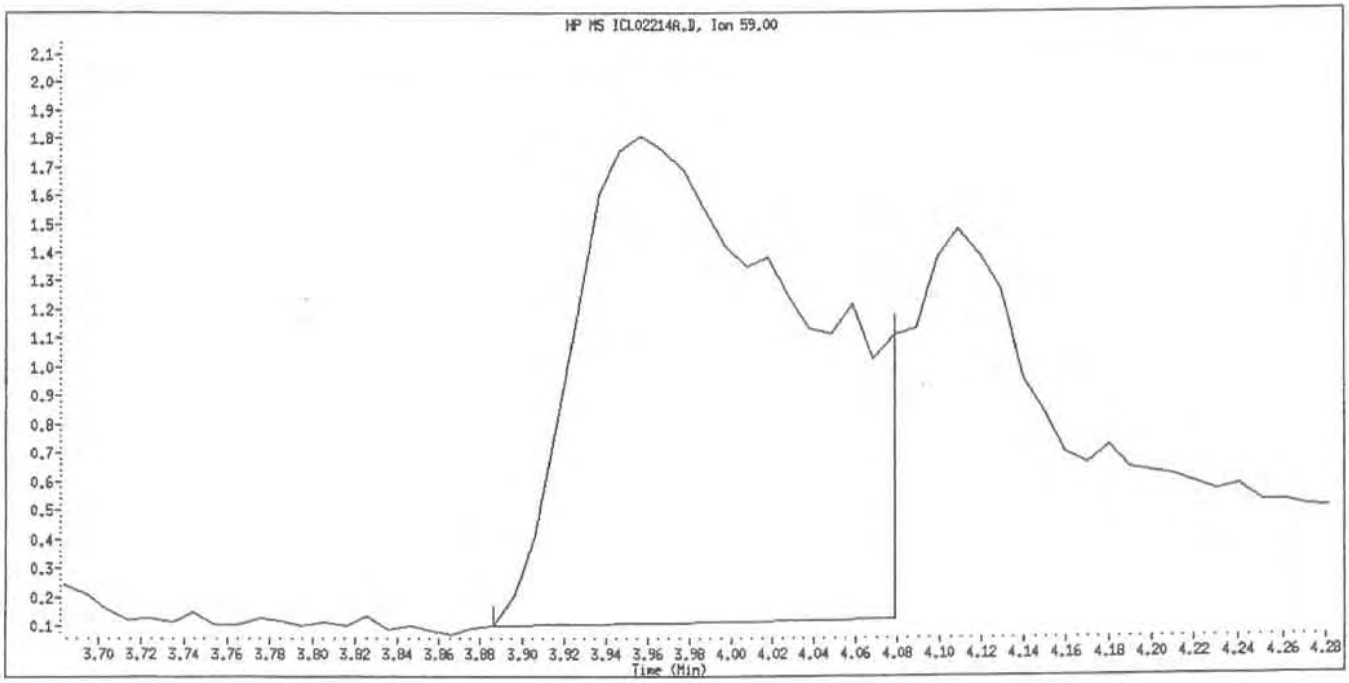
Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Data File Name: ICL02214A.D
Inj. Date and Time: 21-FEB-2007 15:50
Instrument ID: msd8.i
Client ID:
Compound Name: tert-butyl alcohol
CAS #: 75-65-0
Report Date: 02/22/2007



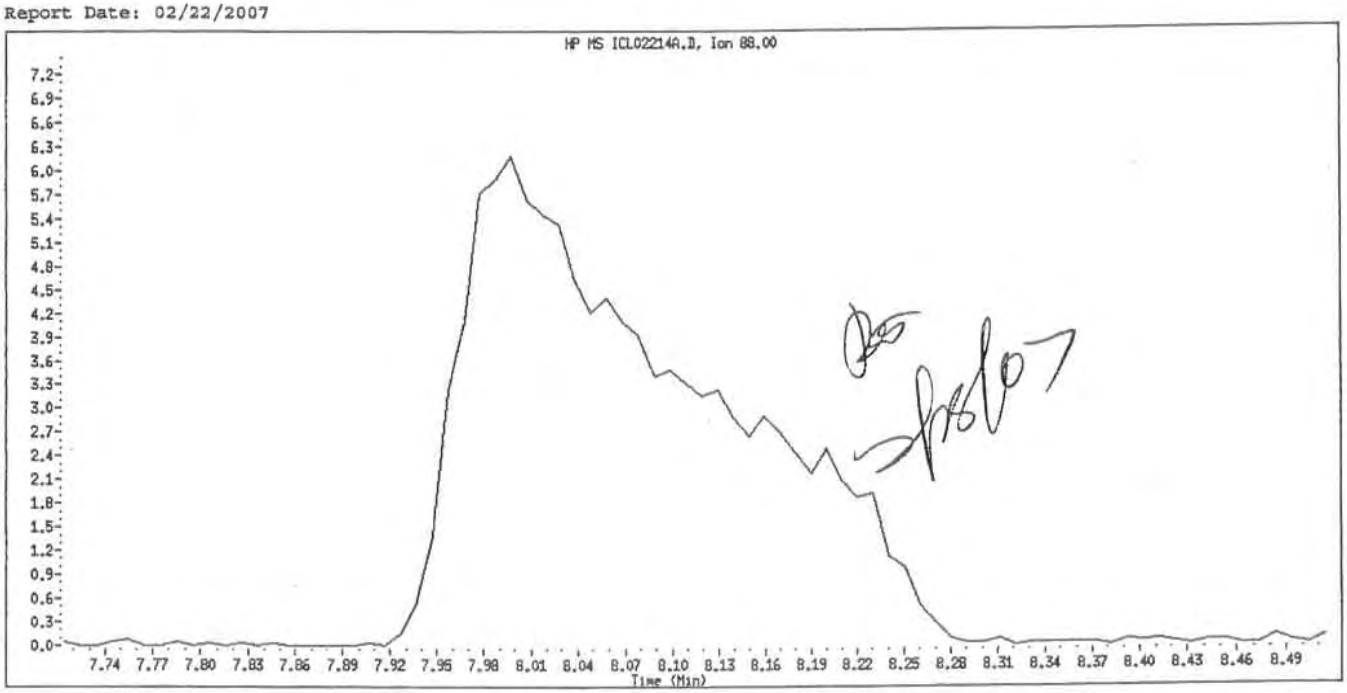
Original Integration



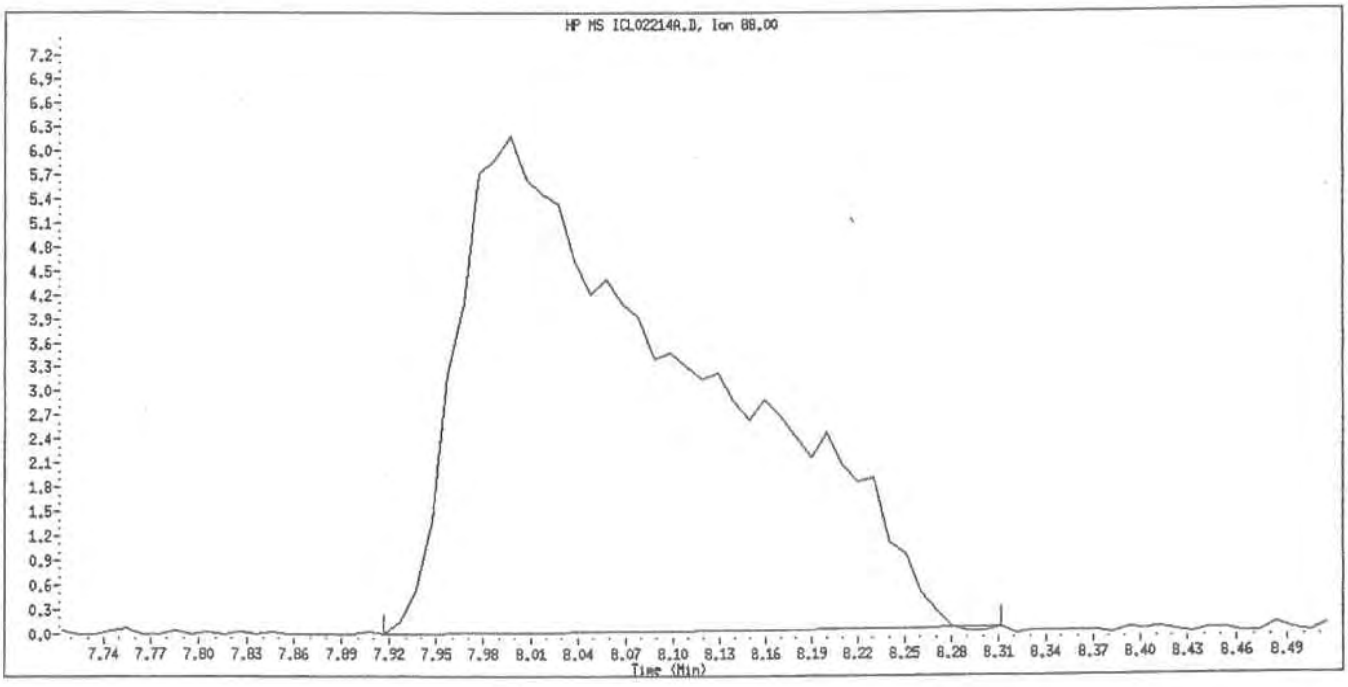
Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Data File Name: ICL02214A.D
Inj. Date and Time: 21-FEB-2007 15:50
Instrument ID: msd8.i
Client ID:
Compound Name: 1,4-Dioxane
CAS #: 123-91-1
Report Date: 02/22/2007



Original Integration



Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb2107c.b\ICL02215A.D
Lab Smp Id: ICL02215 Client Smp ID: VSTD02021
Inj Date : 21-FEB-2007 15:28
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb2107c.b, ICL02215
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb2107c.b\TRACE1359.m
Meth Date : 26-Feb-2007 14:28 msd8.i Quant Type: ISTD
Cal Date : 21-FEB-2007 15:28 Cal File: ICL02215A.D
Als bottle: 60 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.648	1.648	(0.231)	477966	20.0000	20.2244(A)
2	Chloromethane	50	1.820	1.810	(0.255)	1185923	20.0000	15.8097
$ 3	Vinyl Chloride-d3	65	1.931	1.911	(0.270)	623719	20.0000	18.4714
4	Vinyl Chloride	62	1.931	1.921	(0.270)	987265	20.0000	18.8026
5	Bromomethane	94	2.276	2.265	(0.318)	511456	20.0000	16.3733
$ 6	Chloroethane-d5	69	2.346	2.336	(0.328)	458911	20.0000	15.8352
7	Chloroethane	64	2.377	2.367	(0.333)	465975	20.0000	15.6864
8	Trichlorofluoromethane	101	2.589	2.579	(0.362)	840294	20.0000	19.7955
$ 9	1,1-Dichloroethene-d2	63	3.167	3.136	(0.443)	1548166	20.0000	22.0858(A)
10	1,1,2-Trichloro-1,2,2-trifluo	101	3.146	3.126	(0.440)	638251	20.0000	20.6291(A)
11	1,1-Dichloroethene	96	3.187	3.146	(0.446)	675450	20.0000	22.4020(A)
12	Acetone	43	3.288	3.298	(0.460)	1485822	200.000	204.2443(AQ)
13	Carbon Disulfide	76	3.450	3.420	(0.483)	2158367	20.0000	21.0525(A)
14	Methyl Acetate	43	3.653	3.663	(0.511)	841115	20.0000	23.7503(A)
15	Methylene Chloride	84	3.825	3.825	(0.535)	374211	20.0000	11.0113
16	Methyl tert-Butyl Ether	73	4.078	4.078	(0.571)	2055921	20.0000	21.1195(A)
17	trans-1,2-Dichloroethene	96	4.119	4.119	(0.576)	675154	20.0000	19.5175
18	1,1-Dichloroethane	63	4.726	4.726	(0.661)	1416046	20.0000	19.6777
$ 19	2-Butanone-d5	46	5.455	5.465	(0.763)	3711305	200.000	249.7213(A)
20	cis-1,2-Dichloroethene	96	5.496	5.496	(0.769)	748265	20.0000	19.4425
21	2-Butanone	43	5.536	5.546	(0.775)	3752965	200.000	248.8758(A)
22	Bromochloromethane	128	5.820	5.820	(0.814)	331090	20.0000	19.5774
$ 23	Chloroform-d	84	5.880	5.880	(0.823)	1287267	20.0000	19.4177
24	Chloroform	83	5.911	5.911	(0.827)	1205432	20.0000	18.8986

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	25 1,1,1-Trichloroethane	97	6.093	6.093	(0.568)	930129	20.0000	19.5058
	26 Cyclohexane	56	6.073	6.073	(0.566)	1446014	20.0000	21.2922 (A)
	27 Carbon Tetrachloride	117	6.265	6.265	(0.584)	705328	20.0000	20.0567 (A)
$	28 1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	701449	20.0000	19.1076
$	29 Benzene-d6	84	6.529	6.529	(0.608)	2783818	20.0000	18.5333
	30 Benzene	78	6.579	6.579	(0.613)	2914943	20.0000	18.5729
	31 1,2-Dichloroethane	62	6.711	6.711	(0.939)	843326	20.0000	20.0608 (A)
*	32 1,4-Difluorobenzene	114	7.146	7.146	(1.000)	636213	5.00000	
	33 Trichloroethene	95	7.440	7.440	(0.693)	693119	20.0000	18.6029
$	34 1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	968437	20.0000	18.6737
	35 Methylcyclohexane	83	7.592	7.592	(0.707)	1197283	20.0000	20.6566 (A)
	36 1,2-Dichloropropane	63	7.815	7.804	(0.728)	841389	20.0000	18.7762
	37 Bromodichloromethane	83	8.169	8.169	(0.761)	788177	20.0000	19.8444
	38 1,4-Dioxane	88	7.966	8.017	(1.115)	224631	800.000	1087.8757 (AQ)
$	39 1,4-Dioxane-d8	96	7.896	7.967	(1.105)	156185	800.000	1031.3246 (AQ)
$	40 trans-1,3-Dichloropropene-d4	79	9.516	9.516	(0.887)	247132	20.0000	21.1717 (A)
	41 cis-1,3-Dichloropropene	75	8.787	8.787	(0.819)	1079339	20.0000	20.5845 (A)
	42 4-Methyl-2-pentanone	43	8.989	8.999	(0.838)	9142577	200.000	225.1727 (A)
$	43 Toluene-d8	98	9.080	9.080	(0.846)	2621302	20.0000	19.0663
	44 Toluene	91	9.161	9.161	(0.854)	3117605	20.0000	19.1449
	45 trans-1,3-Dichloropropene	75	9.546	9.556	(0.890)	873442	20.0000	20.6427 (A)
	46 1,1,2-Trichloroethane	97	9.759	9.759	(0.909)	549958	20.0000	19.5096
	47 Tetrachloroethene	164	9.799	9.799	(0.913)	580818	20.0000	19.6584
$	48 2-Hexanone-d5	63	9.961	9.961	(0.928)	3346792	200.000	240.5745 (A)
	49 2-Hexanone	43	10.012	10.012	(0.933)	6626577	200.000	227.5075 (A)
	50 Dibromochloromethane	129	10.164	10.164	(0.947)	462108	20.0000	21.4853 (A)
	51 1,2-Dibromoethane	107	10.296	10.296	(0.959)	540771	20.0000	19.5224
*	52 Chlorobenzene-d5	117	10.731	10.731	(1.000)	608656	5.00000	
	53 Chlorobenzene	112	10.761	10.761	(1.003)	1996931	20.0000	19.1036
	54 Ethylbenzene	91	10.832	10.832	(1.009)	3520640	20.0000	19.6411
	55 m+p-Xylenes	106	10.944	10.944	(1.020)	1343440	20.0000	20.0780 (A)
	56 o-Xylene	106	11.318	11.318	(1.055)	1350597	20.0000	20.3185 (A)
	57 Styrene	104	11.339	11.339	(1.057)	2271761	20.0000	22.1881 (A)
	58 Bromoform	173	11.531	11.531	(0.907)	208514	20.0000	22.6677 (A)
	59 Isopropylbenzene	105	11.622	11.622	(1.083)	3284983	20.0000	19.6381
$	60 1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	835681	20.0000	21.2536 (A)
	61 1,1,2,2-Tetrachloroethane	83	11.936	11.936	(1.112)	793045	20.0000	21.0167 (A)
	62 1,3-Dichlorobenzene	146	12.655	12.655	(0.995)	1685313	20.0000	19.0446
*	63 1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	321404	5.00000	(Q)
	64 1,4-Dichlorobenzene	146	12.726	12.726	(1.001)	1694285	20.0000	18.5746
$	65 1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	1019167	20.0000	18.8560
	66 1,2-Dichlorobenzene	146	13.009	13.009	(1.023)	1565191	20.0000	18.8963
	67 1,2-Dibromo-3-chloropropane	75	13.576	13.576	(1.068)	112364	20.0000	21.3449 (A)
	68 1,2,4-Trichlorobenzene	180	14.123	14.123	(1.111)	1037896	20.0000	17.7696
	69 1,2,3-Trichlorobenzene	180	14.488	14.488	(1.139)	862611	20.0000	17.1809
	70 1,2,4-Trimethylbenzene	105	12.412	12.412	(1.737)	2850914	20.0000	21.4601 (A)
	71 1,3,5-Trimethylbenzene	105	12.108	12.108	(1.694)	2815926	20.0000	21.0362 (A)
	72 tert-butyl alcohol	59	6.630	4.027	(0.928)	826085	200.000	408.2169 (TAQM)
	73 tert-amyl methyl ether	73	6.691	6.691	(0.936)	4851136	200.000	210.7278 (A)
	74 Ethyl tert-butyl ether	59	5.172	5.172	(0.724)	5078602	200.000	201.6068 (A)
	75 Bromobenzene	77	11.916	11.916	(1.110)	1412846	20.0000	19.7993
	76 n-Butylbenzene	91	12.938	12.938	(1.018)	2931971	20.0000	18.2820
	77 sec-Butylbenzene	105	12.533	12.533	(0.986)	3690125	20.0000	18.3365
	78 tert-Butylbenzene	119	12.361	12.361	(0.972)	2395785	20.0000	18.5166

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
79 2-Chlorotoluene	91	12.068	12.068	(0.949)	2389382	20.0000	16.6415
80 4-Chlorotoluene	91	12.159	12.159	(0.956)	2531416	20.0000	18.3879
81 Dibromomethane	93	7.977	7.977	(1.116)	390317	20.0000	20.6395(A)
82 1,3-Dichloropropane	76	9.951	9.951	(0.927)	1355746	20.0000	20.4392(A)
83 2,2-Dichloropropane	77	5.455	5.455	(0.763)	1345627	20.0000	20.5945(A)
84 1,1-Dichloropropene	75	6.316	6.316	(0.884)	971464	20.0000	19.7964
85 Hexachlorbutadiene	225	14.194	14.194	(1.116)	440694	20.0000	15.9752
86 p-Isopropyltoluene	119	12.635	12.635	(0.994)	3094102	20.0000	18.8523
87 Napthalene	128	14.316	14.316	(1.126)	2002713	20.0000	18.0793
88 n-Propylbenzene	91	11.966	11.966	(0.941)	4168476	20.0000	18.4768
89 1,1,1,2-Tetrachloroethane	131	10.842	10.842	(1.010)	665860	20.0000	21.1330(A)
90 1,2,3-Trichloropropane	110	11.987	11.987	(1.117)	199128	20.0000	20.1279(A)
91 Hexane	57	4.362	4.362	(0.610)	1100195	20.0000	22.0467(A)
92 Isopropanol	45	3.420	3.572	(0.479)	2650570	1000.00	1465.8019(AM)

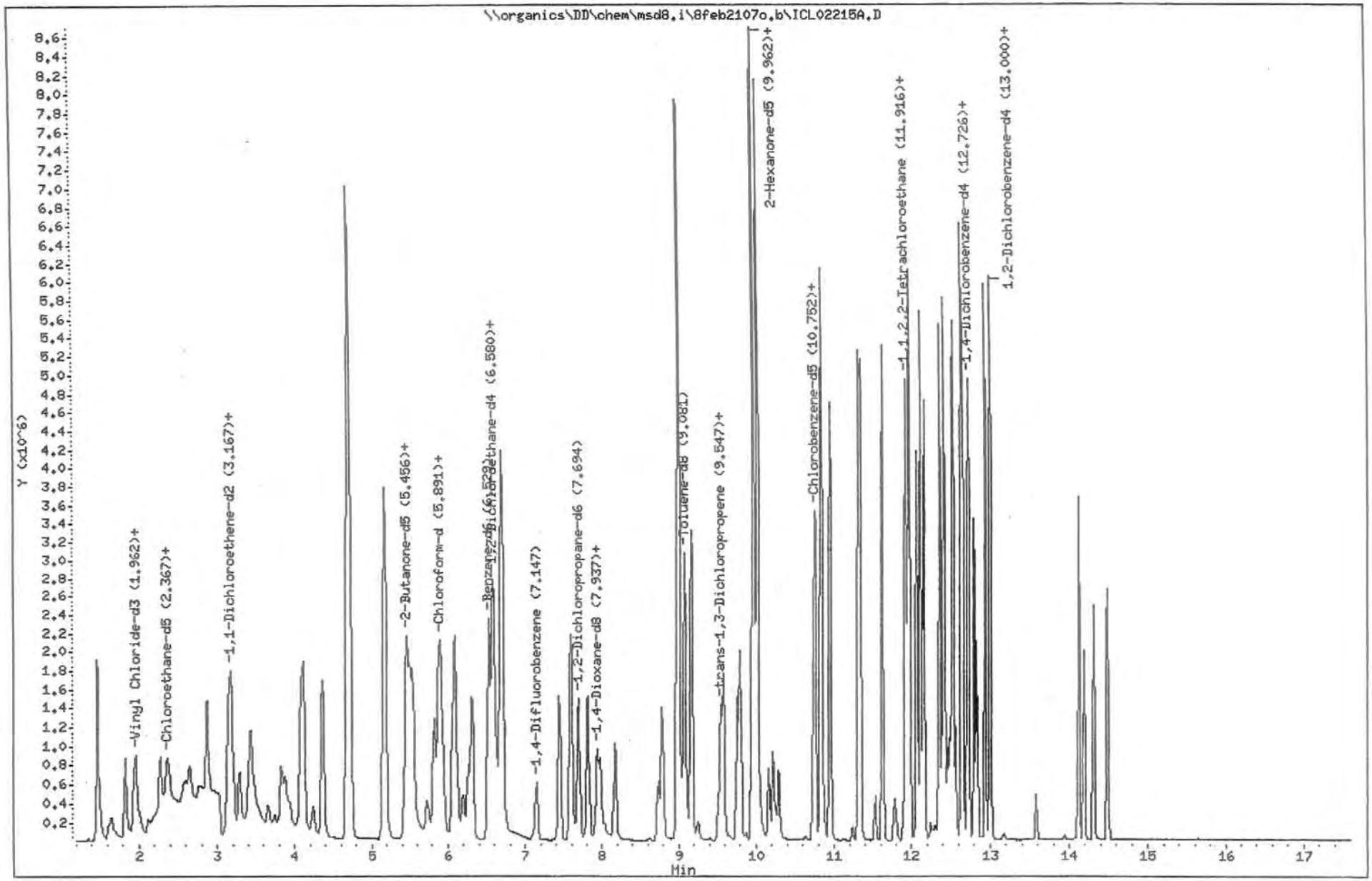
RT 28/07

QC Flag Legend

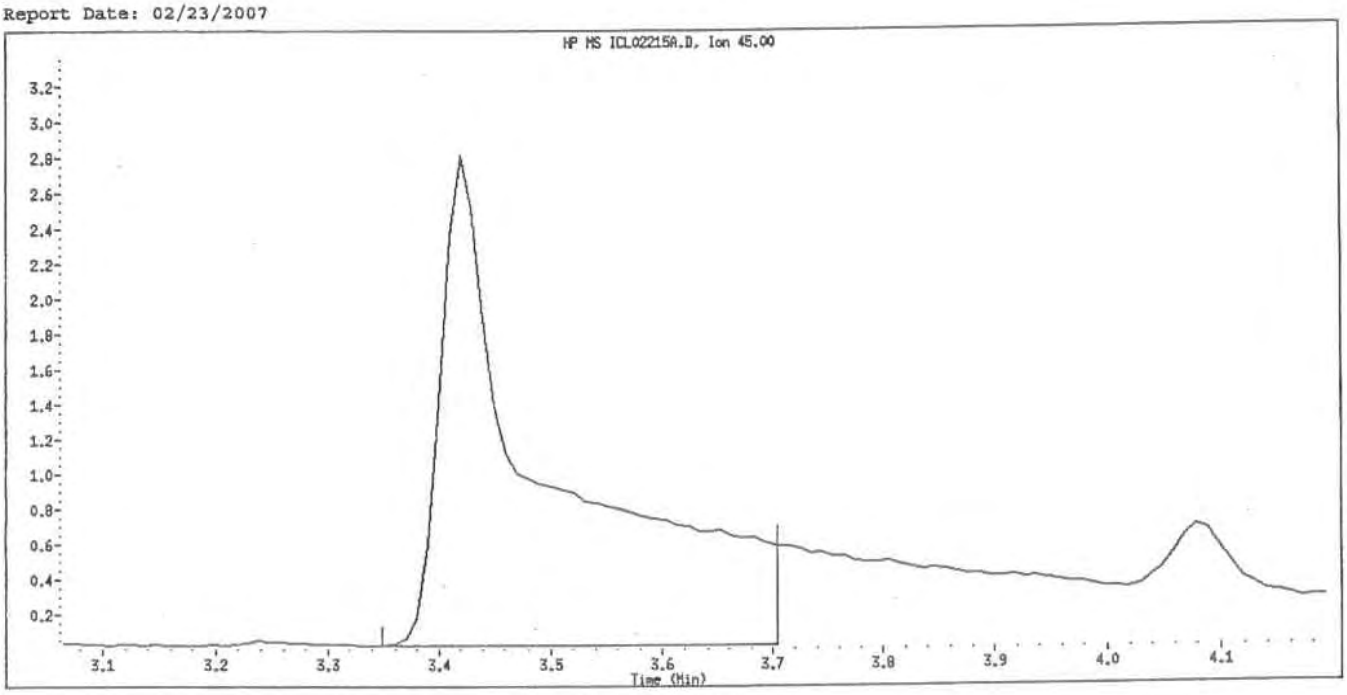
T - Target compound detected outside RT window.
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: \\organics\DD\chem\msd8.i\8feb2107c.b\ICL02215A.D
Date : 21-FEB-2007 15:28
Client ID: VSTD02021
Sample Info: 8feb2107c.b, ICL02215
Purge Volume: 25.0
Column phase: DB-624

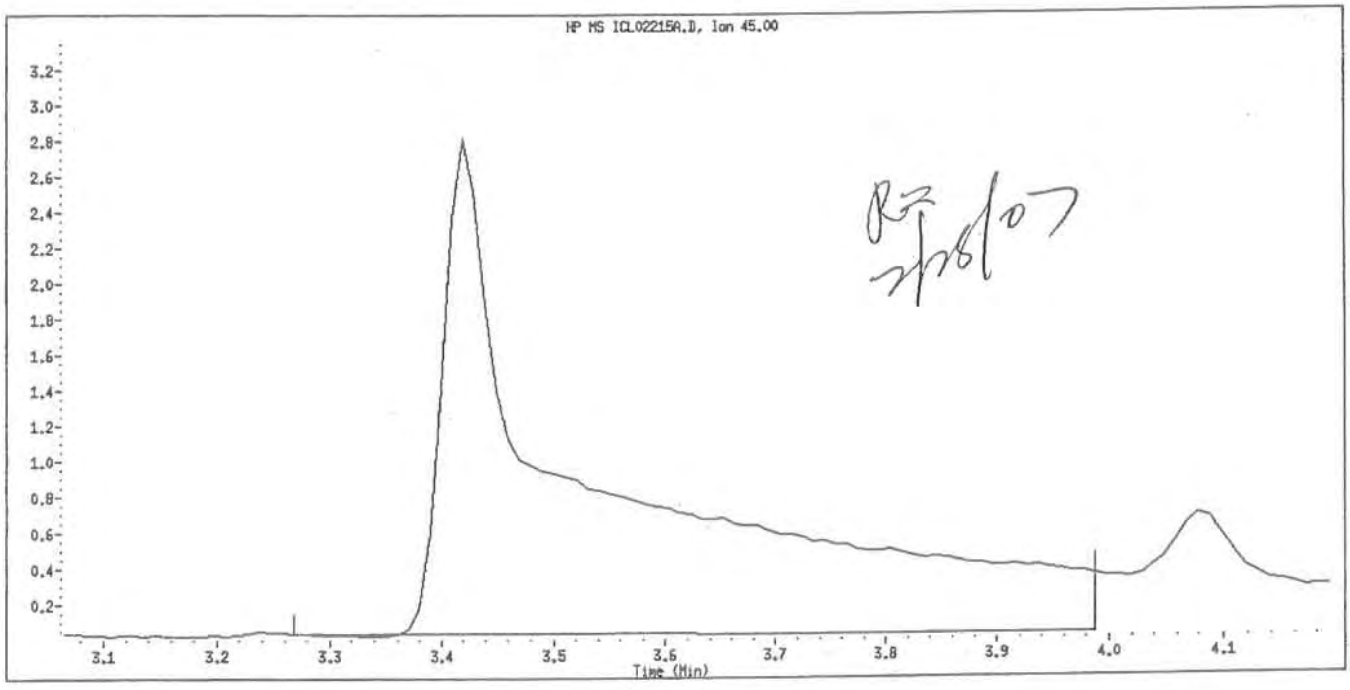
Instrument: msd8.i
Operator: DLB
Column diameter: 0.25



Data File Name: ICL02215A.D
Inj. Date and Time: 21-FEB-2007 15:28
Instrument ID: msd8.i
Client ID: VSTD02021
Compound Name: Isopropanol
CAS #: 67-63-0
Report Date: 02/23/2007



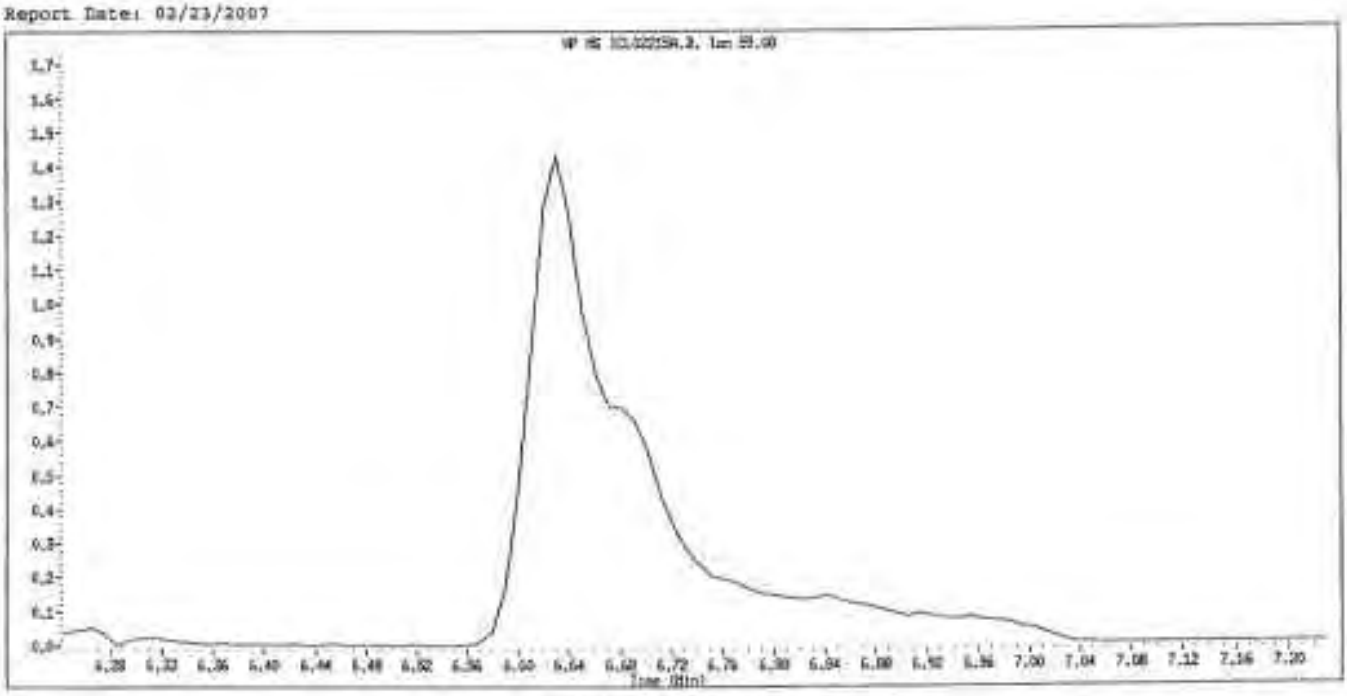
Original Integration



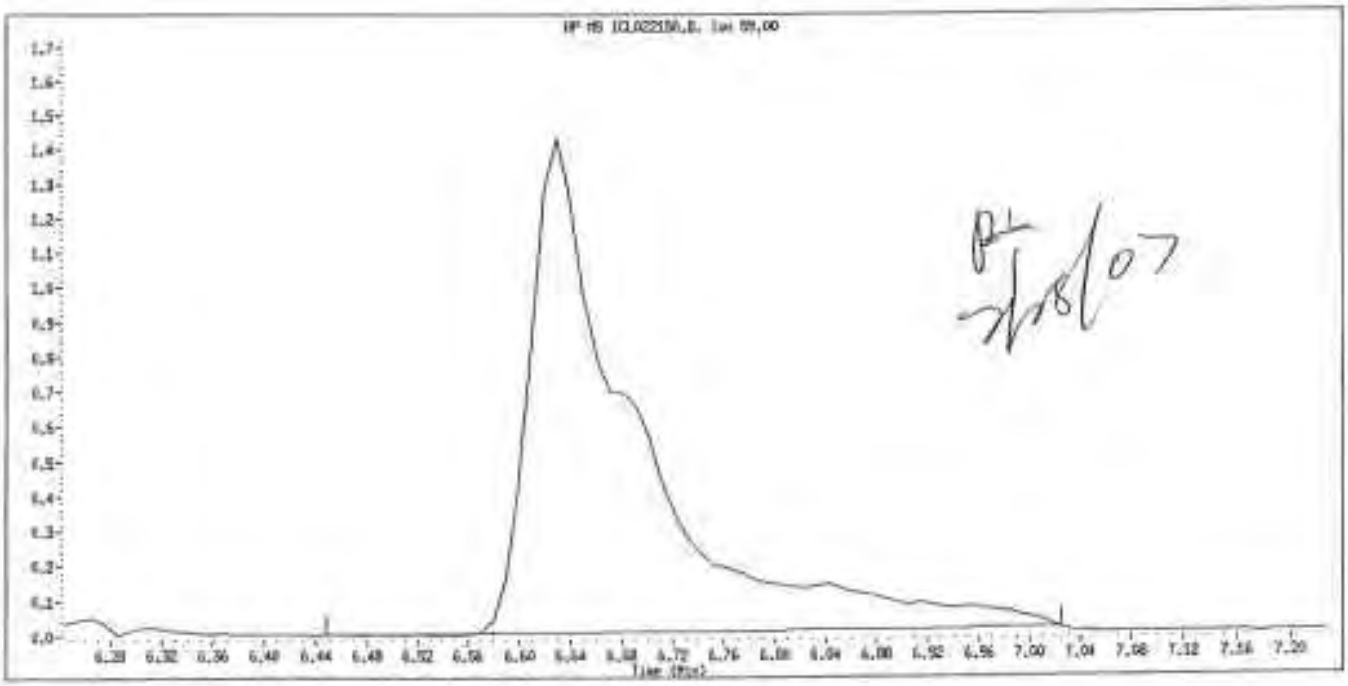
Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Data File Name: ICL022ISA.D
Inj. Date and Time: 21-FEB-2007 15:28
Instrument ID: ms8.i
Client ID: VSTD02021
Compound Name: tert-butyl alcohol
CAS #: 75-65-0
Report Date: 02/23/2007



Original Integration



Manual Integration

Manually Integrated By: DLH
Manual Integration Reason: Unknown

7A - FORM VII VOA-1
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 38127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date: 02/14/2007 Time: 0752

Lab File ID: CCV02142 Init. Calib. Date(s): 02/13/2007 02/13/2007

EPA Sample No.(VSTD#####): VSTD00514 Init. Calib. Time(s): 1105 1236

Heated Purge: (Y/N) Y GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF 5.0	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.2351	0.3197	0.0100	36.0	40.0
Chloromethane	0.4095	0.4975	0.0100	21.5	40.0
Vinyl chloride	0.3275	0.4114	0.1000	25.6	30.0
Bromomethane	0.1999	0.2448	0.1000	22.4	30.0
Chloroethane	0.1815	0.2244	0.0100	23.6	40.0
Trichlorofluoromethane	0.3236	0.4100	0.0100	26.7	40.0
1,1-Dichloroethene	0.2675	0.3074	0.1000	14.9	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0280	0.0325	0.0100	16.0	40.0
Acetone	0.0319	0.0235	0.0100	-26.3	40.0
Carbon disulfide	0.9223	0.9978	0.0100	8.2	40.0
Methyl acetate	0.2331	0.2009	0.0100	-13.8	40.0
Methylene chloride	0.3169	0.3250	0.0100	2.6	40.0
trans-1,2-Dichloroethene	0.3162	0.3513	0.0100	11.1	40.0
Methyl tert-butyl ether	0.8676	0.9120	0.0100	5.1	40.0
1,1-Dichloroethane	0.6140	0.6810	0.2000	10.9	30.0
cis-1,2-Dichloroethene	0.3379	0.3651	0.0100	8.1	40.0
2-Butanone	0.0879	0.0763	0.0100	-13.2	40.0
Bromochloromethane	0.1469	0.1568	0.0500	6.7	30.0
Chloroform	0.5676	0.6173	0.2000	8.7	30.0
1,1,1-Trichloroethane	0.5050	0.5449	0.1000	7.9	30.0
Cyclohexane	0.6551	0.7638	0.0100	16.6	40.0
Carbon tetrachloride	0.4152	0.4420	0.1000	6.5	30.0
Benzene	1.4299	1.5800	0.4000	10.5	30.0
1,2-Dichloroethane	0.3649	0.3953	0.1000	8.4	30.0
1,4-Dioxane	0.0012	0.0007	0.0050	-38.6	50.0
Trichloroethene	0.3645	0.3988	0.3000	9.4	30.0
Methylcyclohexane	0.5975	0.6738	0.0100	12.8	40.0

7B - FORM VII VOA-2
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date: 02/14/2007 Time: 0752

Lab File ID: CCV02142 Init. Calib. Date(s): 02/13/2007 02/13/2007

EPA Sample No. (VSTD######): VSTD00514 Init. Calib. Time(s): 1105 1236

Heated Purge: (Y/N) Y GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF 5.0	MIN RRF	%D	MAX %D
1,2-Dichloropropane	0.3891	0.4333	0.0100	11.4	40.0
Bromodichloromethane	0.4250	0.4353	0.2000	2.4	30.0
cis-1,3-Dichloropropene	0.5765	0.5944	0.2000	3.1	30.0
4-Methyl-2-pentanone	0.2849	0.2795	0.0100	-1.9	40.0
Toluene	1.5027	1.6310	0.4000	8.5	30.0
trans-1,3-Dichloropropene	0.4730	0.4888	0.1000	3.3	30.0
1,1,2-Trichloroethane	0.2608	0.2807	0.1000	7.6	30.0
Tetrachloroethene	0.3046	0.3334	0.1000	9.5	30.0
2-Hexanone	0.2145	0.1980	0.0100	-7.7	40.0
Dibromochloromethane	0.2670	0.2394	0.1000	-10.3	30.0
1,2-Dibromoethane	0.2622	0.2730	0.0100	4.1	40.0
Chlorobenzene	0.9887	1.0806	0.5000	9.3	30.0
Ethylbenzene	1.6911	1.8856	0.1000	11.5	30.0
o-Xylene	0.6447	0.7032	0.3000	9.1	30.0
m,p-Xylene	0.6602	0.7240	0.3000	9.7	30.0
Styrene	1.0008	1.1869	0.3000	18.6	30.0
Bromoform	0.2524	0.2015	0.0500	-20.2	30.0
Isopropylbenzene	1.6419	1.7867	0.0100	8.8	40.0
1,1,2,2-Tetrachloroethane	0.3278	0.3187	0.1000	-2.8	30.0
1,3-Dichlorobenzene	1.6193	1.7508	0.4000	8.1	30.0
1,4-Dichlorobenzene	1.6672	1.8066	0.4000	8.4	30.0
1,2-Dichlorobenzene	1.4560	1.5750	0.4000	8.2	30.0
1,2-Dibromo-3-chloropropane	0.1040	0.0913	0.0100	-12.2	40.0
1,2,4-Trichlorobenzene	1.0884	1.2985	0.2000	19.3	30.0
1,2,3-Trichlorobenzene	0.9446	1.1285	0.2000	19.5	30.0

7C - FORM VII VOA-3 MODIFIED
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 38127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date: 02/14/2007 Time: 0752

Lab File ID: CCV02142 Init. Calib. Date(s): 02/13/2007 02/13/2007

EPA Sample No. (VSTD#####): VSTD00514 Init. Calib. Time(s): 1105 1236

Heated Purge: (Y/N) Y GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF 5.0	MIN RRF	%D	MAX %D
Vinyl Chloride-d3	0.2215	0.2651	0.0100	19.7	30.0
Chloroethane-d5	0.2016	0.2189	0.0100	8.6	40.0
1,1-Dichloroethene-d2	0.5703	0.6526	0.0100	14.4	30.0
2-Butanone-d5	0.0855	0.0730	0.0100	-14.6	40.0
Chloroform-d	0.5397	0.5990	0.0100	11.0	30.0
1,2-Dichloroethane-d4	0.2756	0.3059	0.0100	11.0	30.0
Benzene-d6	1.2646	1.3832	0.0100	9.4	30.0
1,2-Dichloropropane-d6	0.4111	0.4487	0.0100	9.1	40.0
Toluene-d8	1.1485	1.2721	0.0100	10.8	30.0
trans-1,3-Dichloropropene-d4	0.2350	0.2420	0.0100	3.0	30.0
2-Hexanone-d5	0.1106	0.1012	0.0100	-8.5	40.0
1,4-Dioxane-d8	0.0011	0.0006	0.0050	-41.2	50.0
1,1,2,2-Tetrachloroethane-d2	0.3119	0.3104	0.0100	-0.5	30.0
1,2-Dichlorobenzene-d4	0.8619	0.9192	0.0100	6.6	30.0
tertiary butyl alcohol	0.0114	0.0080	0.0100	-29.4	50.0

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\CCV02142.D
Lab Smp Id: CCV02142 Client Smp ID: VSTD00514
Inj Date : 14-FEB-2007 07:52
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, CCV02142
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 49 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	1.648	1.648	(0.291)	180209	5.00000	4.7985
	2 Chloromethane	50	1.810	1.810	(0.253)	295977	5.00000	5.0744
S	3 Vinyl Chloride-d3	65	1.921	1.921	(0.269)	157878	5.00000	5.0836
	4 Vinyl Chloride	62	1.921	1.921	(0.269)	244732	5.00000	4.2809
	5 Bromomethane	94	2.266	2.268	(0.317)	148640	5.00000	5.1332
S	6 Chloroethane-d5	69	2.336	2.336	(0.327)	130232	5.00000	5.4239
	7 Chloroethane	64	2.367	2.367	(0.331)	133499	5.00000	5.1826
	8 Trichlorofluoromethane	101	2.580	2.580	(0.361)	343894	5.00000	5.3751
S	9 1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	388293	5.00000	5.7218
	10 1,1,2-Trichloro-1,2,2-triflu	101	3.136	3.136	(0.439)	19343	5.00000	5.9018
	11 1,1-Dichloroethene	96	3.157	3.157	(0.442)	182867	5.00000	5.7465
	12 Acetone	43	3.288	3.288	(0.460)	139805	50.0000	55.8683
	13 Carbon Disulfide	76	3.420	3.420	(0.479)	593592	5.00000	5.4096
	14 Methyl Acetate	43	3.663	3.663	(0.513)	119562	5.00000	4.5111
	15 Methylene Chloride	84	3.825	3.829	(0.535)	193148	5.00000	5.1278
	16 Methyl tert-Butyl Ether	73	4.078	4.078	(0.571)	540566	5.00000	5.2562
	17 trans-1,2-Dichloroethene	96	4.119	4.119	(0.576)	308983	5.00000	5.5549
	18 1,1-Dichloroethane	63	4.728	4.726	(0.661)	405116	5.00000	5.5462
S	19 2-Butanone-d5	43	5.466	5.466	(0.765)	434293	50.0000	42.7111
	20 cis-1,2-Dichloroethene	96	5.496	5.496	(0.769)	317194	5.00000	5.4029
	21 2-Butanone	43	5.547	5.547	(0.776)	453803	50.0000	44.3806
	22 Bromochloromethane	128	5.820	5.820	(0.814)	82254	5.00000	5.3337
S	23 Chloroform-d	84	5.883	5.881	(0.823)	356364	5.00000	5.5499

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	24	Chloroform	83	5.911	5.911	(0.827)	387222	5.00000	5.4373
	25	1,1,1-Trichloroethane	97	6.093	6.093	(0.588)	297835	5.00000	5.3950
	26	Cyclohexane	56	6.073	6.073	(0.564)	417493	5.00000	5.8296
	27	Carbon Tetrachloride	117	6.265	6.265	(0.884)	281830	5.00000	5.3228
S	28	1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	381951	5.00000	5.5481
S	29	Benzene-d6	84	6.529	6.529	(0.608)	756102	5.00000	5.4688
	30	Benzene	78	6.579	6.579	(0.813)	963700	5.00000	5.8268
	31	1,2-Dichloroethane	62	6.711	6.711	(0.939)	235184	5.00000	5.4175
F	32	1,4-Difluorobenzene	114	7.146	7.146	(1.000)	694888	5.00000	
	33	Trichloroethene	95	7.440	7.440	(0.693)	217991	5.00000	5.4701
S	34	1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	245256	5.00000	5.4575
	35	Methylcyclohexane	83	7.592	7.592	(0.707)	368382	5.00000	5.6388
	36	1,2-Dichloropropane	63	7.815	7.815	(0.728)	236867	5.00000	5.8681
	37	Bromodichloromethane	83	8.169	8.169	(0.761)	237931	5.00000	5.1204
	38	1,4-Dioxane	88	7.987	7.987	(1.218)	21336	250.000	193.6709 (M)
S	39	1,4-Dioxane-d8	96	7.916	7.916	(1.208)	18484	250.000	147.0727 (Q)
S	40	trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	132285	5.00000	5.1458
	41	cis-1,3-Dichloropropene	75	8.787	8.787	(0.819)	324932	5.00000	5.1550
	42	4-Methyl-2-pentanone	43	9.000	9.000	(0.839)	1527906	50.0000	48.0538
S	43	Toluene-d8	98	9.081	9.081	(0.846)	699361	5.00000	5.0380
	44	Toluene	91	9.172	9.172	(0.855)	871541	5.00000	5.4566
	45	trans-1,3-Dichloropropene	75	9.548	9.548	(0.890)	267186	5.00000	5.1667
	46	1,1,2-Trichloroethane	97	9.759	9.759	(0.909)	153430	5.00000	5.3804
	47	Tetrachloroethene	164	9.800	9.800	(0.913)	182261	5.00000	5.4725
S	48	2-Hexanone-d5	63	9.982	9.982	(0.929)	553397	50.0000	45.7450
	49	2-Hexanone	43	10.012	10.012	(0.933)	1082248	50.0000	46.1585
	50	Dibromochloromethane	129	10.164	10.164	(0.947)	130871	5.00000	4.4861
	51	1,2-Dibromoethane	107	10.296	10.296	(0.959)	149226	5.00000	5.2061
F	52	Chlorobenzene-d5	117	10.731	10.731	(1.000)	546630	5.00000	
	53	Chlorobenzene	112	10.762	10.762	(1.003)	590672	5.00000	5.4648
	54	Ethylbenzene	91	10.832	10.832	(1.009)	1038734	5.00000	5.6758
	55	m+p-Xylenes	106	10.944	10.944	(1.020)	395761	5.00000	5.4839
	56	o-Xylene	106	11.318	11.318	(1.055)	384411	5.00000	5.4636
	57	Styrene	104	11.339	11.339	(1.057)	648781	5.00000	5.9296
	58	Bromoform	173	11.631	11.631	(0.907)	55465	5.00000	3.9910
	59	Isopropylbenzene	105	11.622	11.622	(1.083)	978657	5.00000	5.4407
S	60	1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	149660	5.00000	4.9750
	61	1,1,2,2-Tetrachloroethane	83	11.936	11.936	(1.112)	174234	5.00000	4.8621
	62	1,3-Dichlorobenzene	146	12.655	12.655	(0.995)	482010	5.00000	5.4059
F	63	1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	275320	5.00000	
	64	1,4-Dichlorobenzene	146	12.726	12.726	(1.001)	497337	5.00000	5.6180
S	65	1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	253069	5.00000	5.3334
	66	1,2-Dichlorobenzene	146	13.010	13.010	(1.023)	433640	5.00000	5.4085
	67	1,2-Dibromo-3-chloropropane	75	13.547	13.547	(1.066)	36110	5.00000	4.3676
	68	1,2,4-Trichlorobenzene	180	14.123	14.123	(1.111)	337695	5.00000	5.9648
	69	1,2,3-Trichlorobenzene	180	14.488	14.488	(1.139)	310096	5.00000	5.9733
	70	1,2,4-Trimethylbenzene	105	12.412	12.412	(1.737)	764731	5.00000	5.7975
	71	1,3,5-Trimethylbenzene	105	11.622	11.622	(1.626)	977523	5.00000	5.4771
	72	tert-Butyl alcohol	59	3.957	3.957	(0.554)	47745	50.0000	35.2819 (M)
	73	tert-amyl methyl ether	73	6.691	6.691	(0.936)	1158378	50.0000	51.2361
	74	Ethyl tert-butyl ether	59	5.172	5.172	(0.724)	1315555	55.0000	54.8056
	75	Bromobenzene	77	11.816	11.816	(1.110)	360458	5.00000	5.4530
	76	n-Butylbenzene	91	12.939	12.939	(1.018)	816113	5.00000	5.8015
	77	sec-Butylbenzene	105	12.634	12.634	(0.986)	1011000	5.00000	5.6814

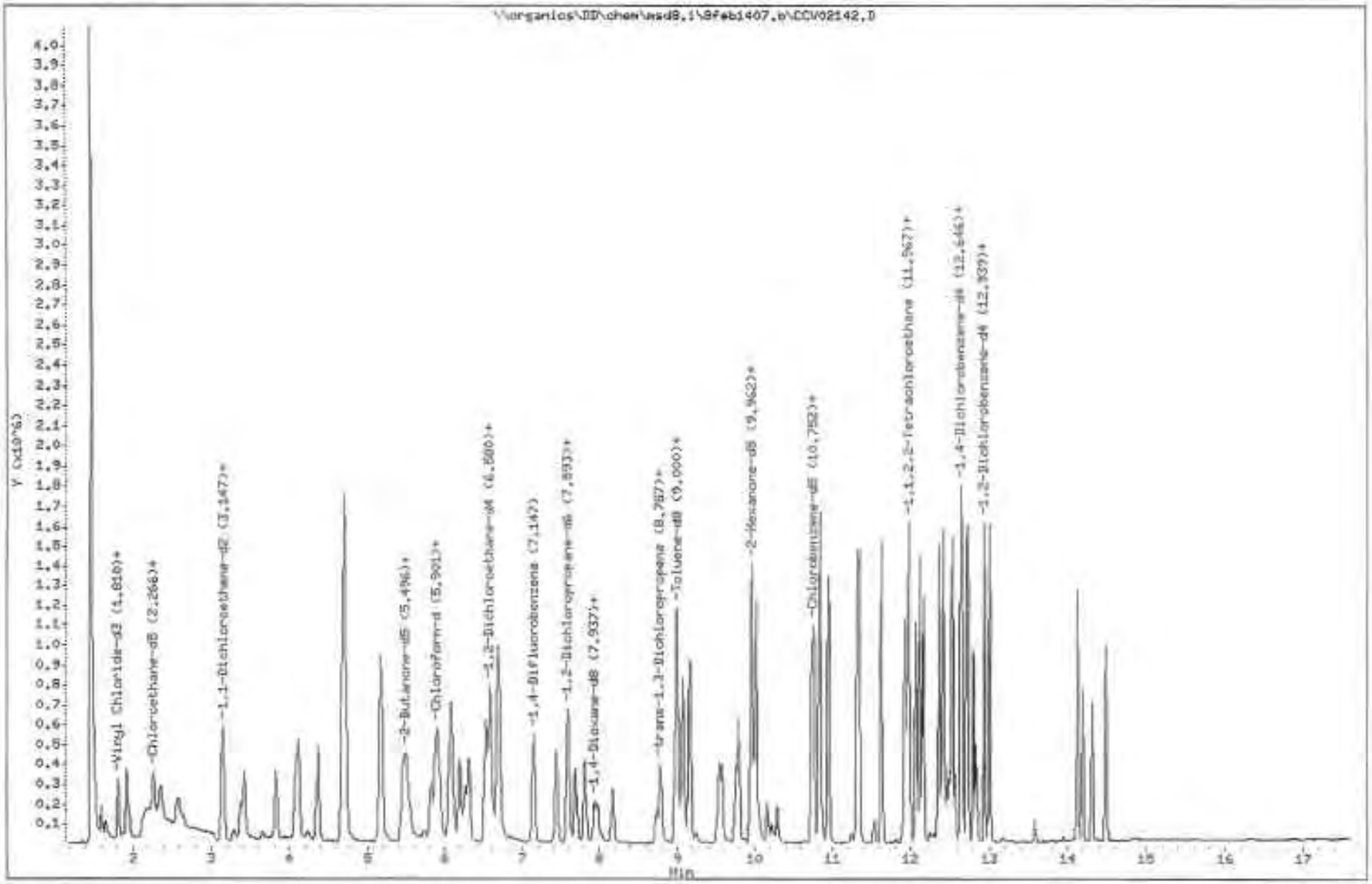
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
78 tert-Butylbenzene	119	12.361	12.361	(0.972)	660359	5.00000	5.5296
79 3-Chlorotoluene	91	12.068	12.068	(0.949)	724275	5.00000	5.6555
80 4-Chlorotoluene	91	12.159	12.159	(0.956)	689007	5.00000	5.5677
81 Dibromomethane	93	7.977	7.977	(1.116)	95359	5.00000	5.4729
82 1,1-Dichloropropane	76	8.991	8.991	(0.927)	306238	5.00000	5.3211
83 2,2-Dichloropropane	77	5.455	5.455	(0.762)	335273	5.00000	5.1792
84 1,1-Dichloropropene	75	6.316	6.316	(0.884)	278116	5.00000	5.7183
85 Hexachlorobutadiene	225	14.194	14.194	(1.116)	167044	5.00000	5.9384
86 p-Isopropyltoluene	119	12.635	12.635	(0.994)	847601	5.00000	5.8118
87 Naphthalene	128	14.316	14.316	(1.126)	551516	5.00000	5.8643
88 n-Propylbenzene	91	11.967	11.967	(0.941)	1127959	5.00000	5.6654
89 1,1,1,2-Tetrachloroethane	131	10.843	10.843	(1.010)	169331	5.00000	5.0332
90 1,2,3-Trichloropropane	110	11.987	11.987	(1.117)	83607	5.00000	4.8356
91 Hexane	57	4.362	4.362	(0.610)	312774	5.00000	5.8343
92 Isopropanol	45	3.440	3.440	(0.481)	206808	250.000	168.9239(M)

QC Flag Legend

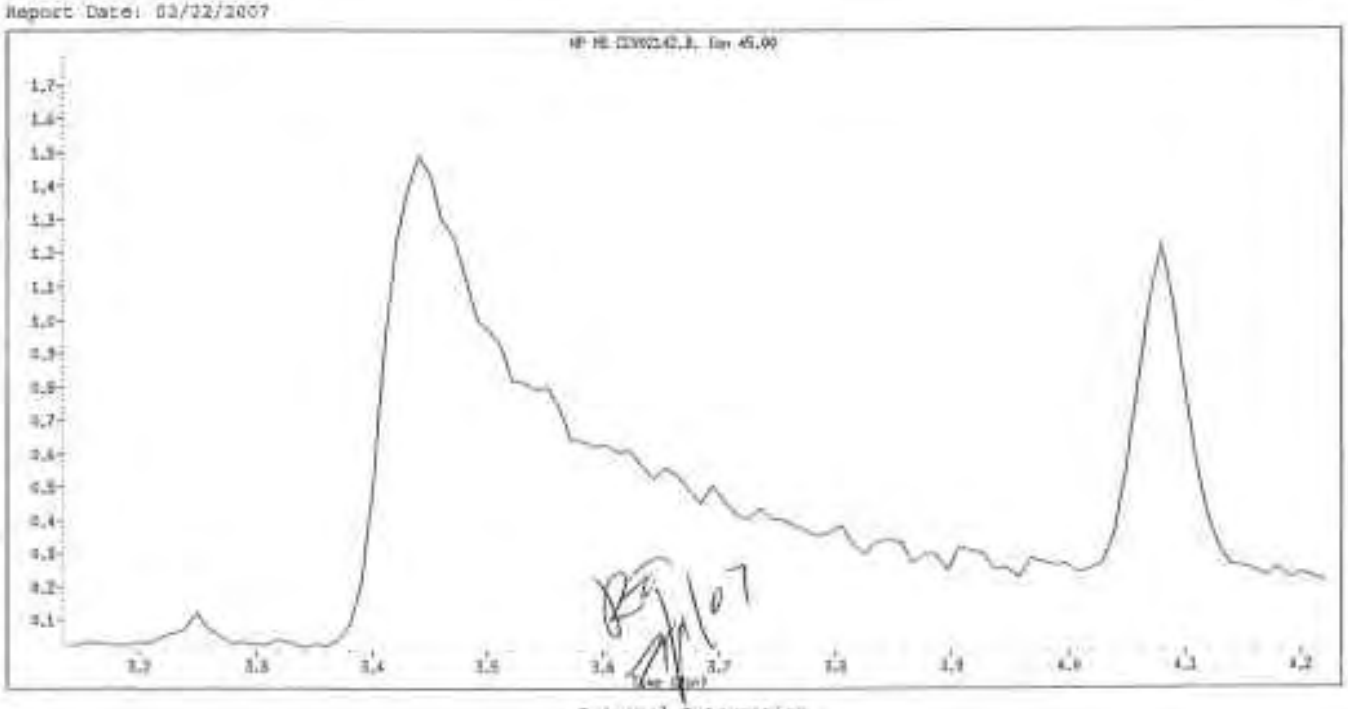
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: \\organics\DD\chem\msd8.i\8feb1407.b\CCV02142.D
Date : 14-FEB-2007 07:52
Client ID: VSTD00614
Sample Info: 8feb1407.b, CCV02142
Purge Volume: 25.0
Column phase: DB-624

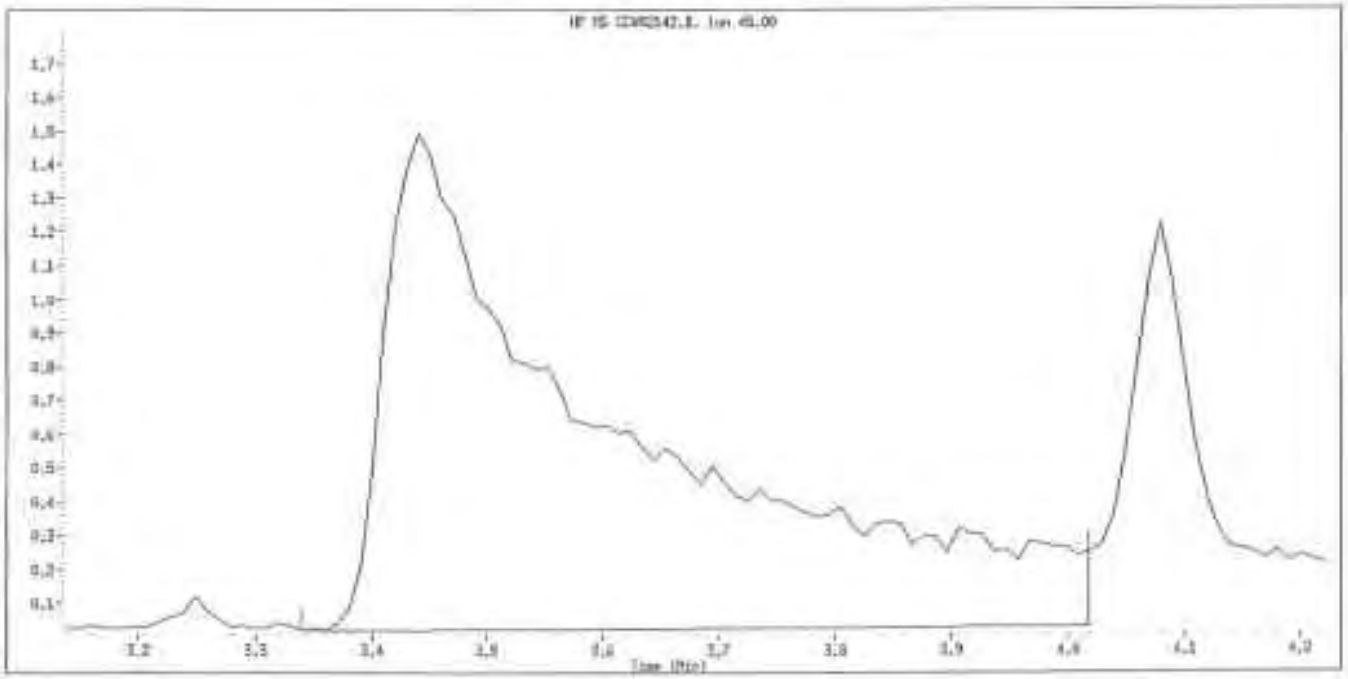
Instrument: msd8.i
Operator: DLB
Column diameter: 0.25



Data File Name: CCV022142.D
Inj. Date and Time: 14-FEB-2007 07:52
Instrument ID: gcms8.i
Client ID: VSTD00514
Compound Name: Isopropanol
CAS #: 67-63-0
Report Date: 03/22/2007



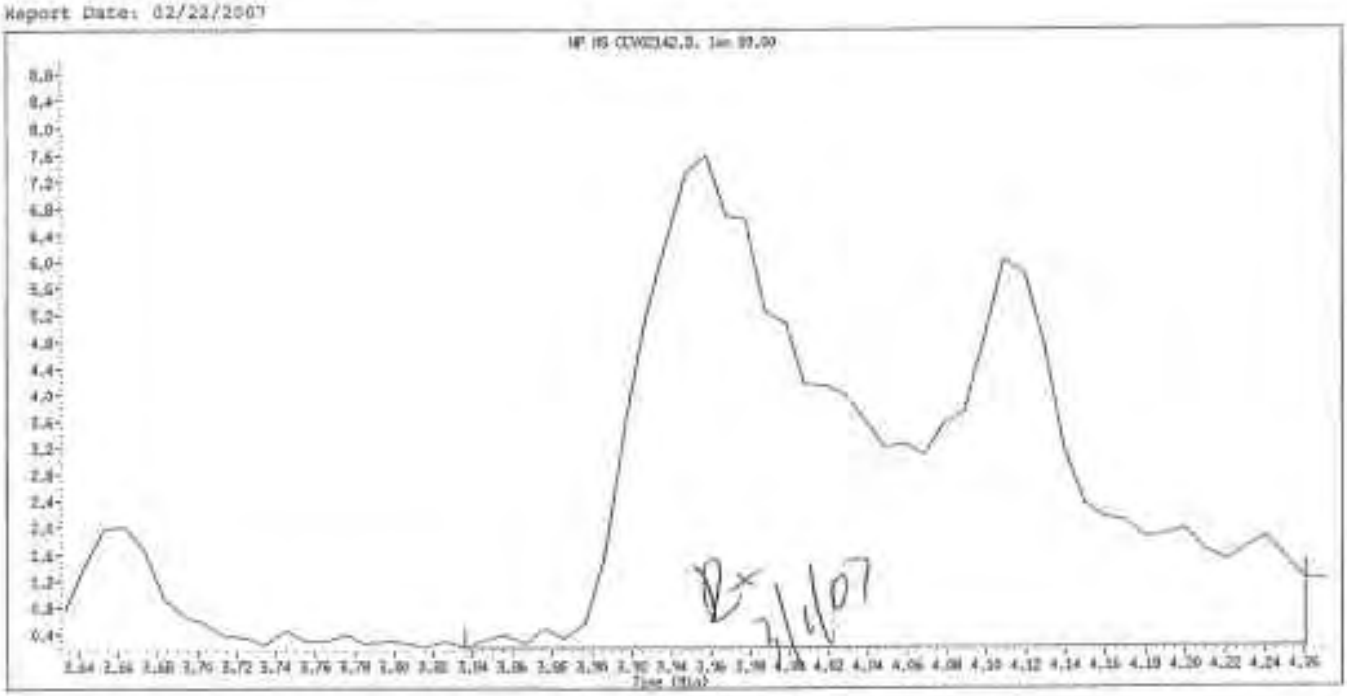
Original Integration



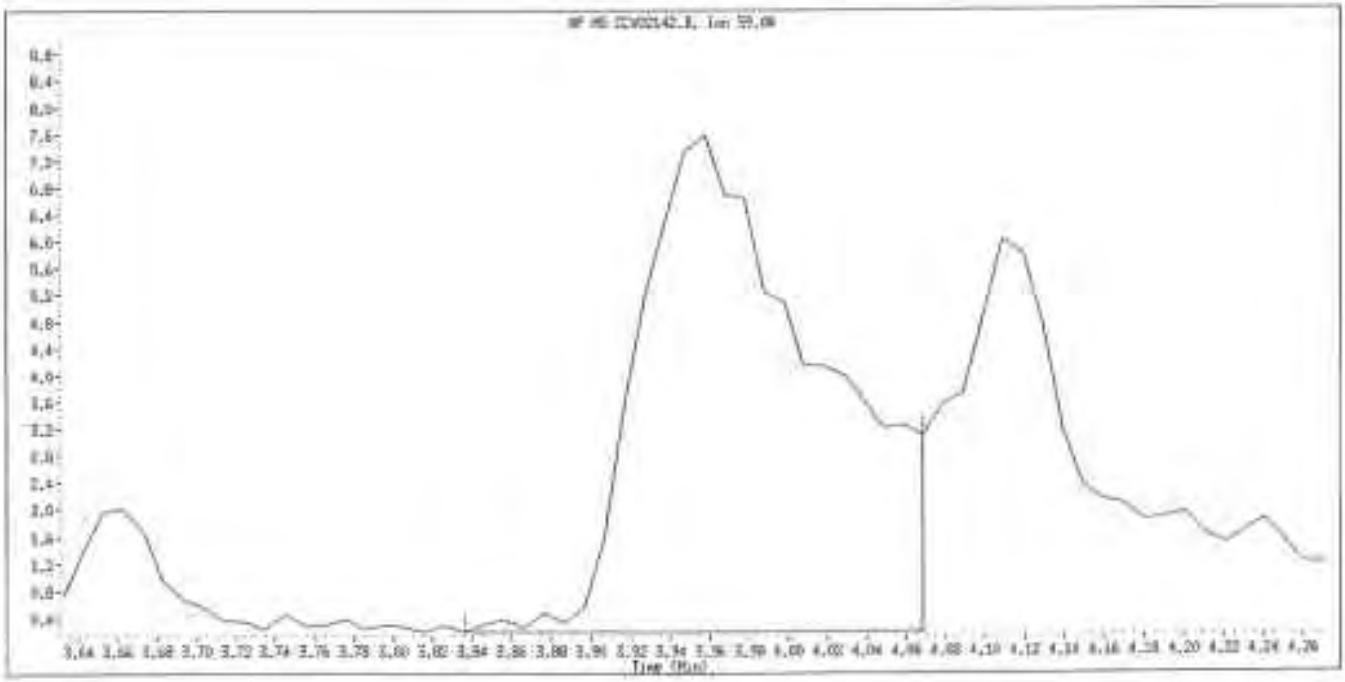
Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Data File Name: CLY031142.D
Inj. Date and Time: 14-FEB-2007 07:52
Instrument ID: msd8.i
Client ID: VSTD005ld
Compound Name: tert-butyl alcohol
CAS #: 75-65-0
Report Date: 02/22/2007



Original Integration



Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

7A - FORM VII VOA-1
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date: 02/14/2007 Time: 1855

Lab File ID: ECCV14 Init. Calib. Date(s): 02/13/2007 02/13/2007

EPA Sample No. (VSTD#####): VSTD0054E Init. Calib. Time(s): 1105 1236

Heated Purge: (Y/N) Y GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF 5.0	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.2351	0.3044	0.0100	29.4	50.0
Chloromethane	0.4095	0.5213	0.0100	27.3	50.0
Vinyl chloride	0.3275	0.4165	0.0100	27.2	50.0
Bromomethane	0.1999	0.2329	0.0100	16.5	50.0
Chloroethane	0.1615	0.2200	0.0100	21.2	50.0
Trichlorofluoromethane	0.3236	0.4144	0.0100	28.1	50.0
1,1-Dichloroethene	0.2675	0.2990	0.0100	11.8	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0280	0.0306	0.0100	9.0	50.0
Acetone	0.0319	0.0351	0.0100	10.0	50.0
Carbon disulfide	0.9223	0.9777	0.0100	6.0	50.0
Methyl acetate	0.2331	0.2919	0.0100	25.2	50.0
Methylene chloride	0.3169	0.3546	0.0100	11.9	50.0
trans-1,2-Dichloroethene	0.3162	0.3423	0.0100	8.3	50.0
Methyl tert-butyl ether	0.8676	0.9635	0.0100	11.1	50.0
1,1-Dichloroethane	0.6140	0.7156	0.0100	16.5	50.0
cis-1,2-Dichloroethene	0.3379	0.3727	0.0100	10.3	50.0
2-Butanone	0.0879	0.1118	0.0100	27.2	50.0
Bromochloromethane	0.1469	0.1622	0.0100	10.4	50.0
Chloroform	0.5676	0.6390	0.0100	12.6	50.0
1,1,1-Trichloroethane	0.5050	0.5560	0.0100	10.1	50.0
Cyclohexane	0.6551	0.7494	0.0100	14.4	50.0
Carbon tetrachloride	0.4152	0.4262	0.0100	2.6	50.0
Benzene	1.4299	1.5803	0.0100	10.5	50.0
1,2-Dichloroethane	0.3649	0.4605	0.0100	26.2	50.0
1,4-Dioxane	0.0012	0.0013	0.0050	6.9	50.0
Trichloroethene	0.3645	0.3988	0.0100	9.4	50.0
Methylcyclohexane	0.5975	0.6316	0.0100	5.7	50.0

7B - FORM VII VOA-2
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date: 02/14/2007 Time: 1855

Lab File ID: ECCV14 Init. Calib. Date(s): 02/13/2007 02/13/2007

EPA Sample No.(VSTD#####): VSTD0054E Init. Calib. Time(s): 1105 1236

Heated Purge: (Y/N) Y GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

Purge Volume: 25.0 (mL)

COMPOUND	RRF	RRF 5.0	MIN RRF	%D	MAX %D
1,2-Dichloropropane	0.3891	0.4492	0.0100	15.4	50.0
Bromodichloromethane	0.4250	0.4446	0.0100	4.6	50.0
cis-1,3-Dichloropropene	0.5765	0.5729	0.0100	-0.6	50.0
4-Methyl-2-pentanone	0.2849	0.3346	0.0100	17.4	50.0
Toluene	1.5027	1.6922	0.0100	12.6	50.0
trans-1,3-Dichloropropene	0.4730	0.4827	0.0100	2.0	50.0
1,1,2-Trichloroethane	0.2608	0.2981	0.0100	14.3	50.0
Tetrachloroethene	0.3046	0.3141	0.0100	3.1	50.0
2-Hexanone	0.2145	0.2577	0.0100	20.2	50.0
Dibromochloromethane	0.2670	0.2358	0.0100	-11.7	50.0
1,2-Dibromoethane	0.2622	0.2963	0.0100	13.0	50.0
Chlorobenzene	0.9887	1.0947	0.0100	10.7	50.0
Ethylbenzene	1.6911	1.8926	0.0100	11.9	50.0
o-Xylene	0.6447	0.7125	0.0100	10.5	50.0
m,p-Xylene	0.6602	0.7167	0.0100	8.5	50.0
Styrene	1.0008	1.1951	0.0100	19.4	50.0
Bromoform	0.2524	0.1840	0.0100	-27.1	50.0
Isopropylbenzene	1.6419	1.7862	0.0100	8.8	50.0
1,1,2,2-Tetrachloroethane	0.3278	0.3812	0.0100	16.3	50.0
1,3-Dichlorobenzene	1.6193	1.8034	0.0100	11.4	50.0
1,4-Dichlorobenzene	1.6672	1.8765	0.0100	12.6	50.0
1,2-Dichlorobenzene	1.4560	1.6771	0.0100	15.2	50.0
1,2-Dibromo-3-chloropropane	0.1040	0.1171	0.0100	12.6	50.0
1,2,4-Trichlorobenzene	1.0884	1.2899	0.0100	18.5	50.0
1,2,3-Trichlorobenzene	0.9446	1.1316	0.0100	19.8	50.0

7C - FORM VII VOA-3 MODIFIED
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date: 02/14/2007 Time: 1855

Lab File ID: ECCV14 Init. Calib. Date(s): 02/13/2007 02/13/2007

EPA Sample No. (VSTD#####): VSTD0054E Init. Calib. Time(s): 1105 1236

Heated Purge: (Y/N) Y GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF 5.0	MIN RRF	%D	MAX %D
Vinyl Chloride-d3	0.2215	0.2660	0.0100	20.1	50.0
Chloroethane-d5	0.2016	0.2177	0.0100	8.0	50.0
1,1-Dichloroethene-d2	0.5703	0.6726	0.0100	17.9	50.0
2-Butanone-d5	0.0855	0.1093	0.0100	27.9	50.0
Chloroform-d	0.5397	0.6248	0.0100	15.8	50.0
1,2-Dichloroethane-d4	0.2756	0.3445	0.0100	25.0	50.0
Benzene-d6	1.2646	1.4001	0.0100	10.7	50.0
1,2-Dichloropropane-d6	0.4111	0.4610	0.0100	12.2	50.0
Toluene-d8	1.1485	1.2663	0.0100	10.3	50.0
trans-1,3-Dichloropropene-d4	0.2350	0.2290	0.0100	-2.6	50.0
2-Hexanone-d5	0.1106	0.1246	0.0100	12.6	50.0
1,4-Dioxane-d8	0.0011	0.0011	0.0050	-0.4	50.0
1,1,2,2-Tetrachloroethane-d2	0.3119	0.3559	0.0100	14.1	50.0
1,2-Dichlorobenzene-d4	0.8619	0.9432	0.0100	9.4	50.0
tertiary butyl alcohol	0.0114	0.0113	0.0100	-0.7	50.0

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\ECCV14.D
Lab Smp Id: ECCV14 Client Smp ID: VSTD0054E
Inj Date : 14-FEB-2007 18:55
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, ECCV14
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb1407.b\TRACE1359E.m
Meth Date : 01-Mar-2007 08:18 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 65 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ORGANICS-R2

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

		Compounds	QUANT SIO MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	1	Dichlorodifluoromethane	85	1.648	1.648	(0.231)	163641	5.00000	6.4718
	2	Chloromethane	50	1.818	1.818	(0.253)	260293	5.00000	6.3643
S	3	Vinyl Chloride-d3	65	1.931	1.931	(0.269)	143032	5.00000	6.0047
	4	Vinyl Chloride	62	1.931	1.931	(0.269)	223921	5.00000	6.3868
	5	Bromomethane	94	2.266	2.266	(0.317)	128130	5.00000	5.8248
S	6	Chloroethane-d5	69	2.336	2.336	(0.327)	117060	5.00000	5.3994
	7	Chloroethene	64	2.367	2.367	(0.331)	118399	5.00000	6.0611
	8	Trichlorofluoromethane	101	2.579	2.579	(0.361)	222773	5.00000	6.4057
S	9	1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	361593	5.00000	5.8964
	10	1,1,2-Trichloro-1,2,2-trifluo	101	3.136	3.136	(0.438)	78438	5.00000	5.4810
	11	1,1-Dichloroethane	99	3.197	3.197	(0.448)	180744	5.00000	6.5092
	12	Acetone	43	3.288	3.288	(0.460)	188492	50.0000	55.0023
	13	Carbon Disulfide	76	3.429	3.429	(0.479)	536693	5.00000	5.3008
	14	Methyl Acetate	43	3.663	3.663	(0.513)	156916	5.00000	6.2615
	15	Methylene Chloride	84	3.825	3.825	(0.535)	190438	5.00000	5.5942
	16	Methyl tert-Butyl Ether	73	4.078	4.078	(0.571)	917992	5.00000	5.5536
	17	trans-1,2-Dichloroethene	96	4.119	4.119	(0.576)	184018	5.00000	5.4127
	18	1,1-Dichloroethane	63	4.726	4.726	(0.661)	384744	5.00000	5.8272
S	19	2-Butanone-d5	46	5.465	5.465	(0.765)	587767	50.0000	61.9618
	20	cis-1,2-Dichloroethene	96	5.508	5.508	(0.770)	200369	5.00000	5.5152
	21	2-Butanone	43	5.546	5.546	(0.776)	801135	50.0000	61.5943
	22	Bromochloromethane	128	5.820	5.820	(0.814)	87225	5.00000	5.5202
S	23	Chloroform-d	84	5.881	5.881	(0.823)	535929	5.00000	5.7888

		Compounds	QUANT SIO MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/l)	AMOUNTS ON-COL (ug/l)
	24	Chloroform	83	5.911	5.911	(0.427)	343538	5.00000	5.6283
	25	1,1,1-Trichloroethane	97	6.093	6.093	(0.568)	277018	5.00000	5.5051
	26	Cyclohexane	56	6.073	6.073	(0.566)	373392	5.00000	5.7201
	27	Carbon Tetrachloride	117	6.265	6.265	(0.584)	213333	5.00000	5.1316
S	28	1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	185185	5.00000	5.2485
S	29	Benzene-d6	84	6.629	6.629	(0.608)	697606	5.00000	5.5356
	30	Benzene	78	6.579	6.579	(0.603)	787400	5.00000	5.5256
	31	1,2-Dichloroethane	62	6.715	6.715	(0.939)	247695	5.00000	5.3107
*	32	1,4-Difluorobenzene	114	7.146	7.146	(1.000)	837442	5.00000	
	33	Trichloroethene	95	7.440	7.440	(0.693)	198718	5.00000	5.4707
S	34	1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	229709	5.00000	5.6075
	35	Methylcyclohexane	83	7.692	7.692	(0.707)	214694	5.00000	5.2856
	36	1,2-Dichloropropane	63	7.815	7.815	(0.728)	223828	5.00000	5.7733
	37	Bromodichloromethane	83	8.169	8.169	(0.761)	231498	5.00000	5.2296
	38	1,4-Dioxane	88	7.987	7.987	(1.118)	33658	250.000	247.1601
S	39	1,4-Dioxane-d8	96	7.967	7.967	(1.115)	28291	250.000	249.0772 (Q)
S	40	trans-1,3-Dichloropropene-d4	78	8.736	8.736	(0.814)	114097	5.00000	4.8718
	41	cis-1,3-Dichloropropene	75	8.787	8.787	(0.819)	285465	5.00000	4.9093
	42	4-Methyl-2-pentanone	43	8.000	8.000	(0.839)	1667006	50.0000	58.7154
S	43	Toluene-d8	98	9.081	9.081	(0.846)	630928	5.00000	5.8127
	44	Toluene	91	9.172	9.172	(0.855)	843127	5.00000	5.8303
	45	trans-1,3-Dichloropropene	75	9.546	9.546	(0.890)	240505	5.00000	5.1823
	46	1,1,2-Trichloroethane	97	9.759	9.759	(0.909)	148506	5.00000	5.7133
	47	Tetrachloroethene	164	9.800	9.800	(0.913)	186503	5.00000	5.3560
S	48	2-Hexanone-d5	63	9.962	9.962	(0.928)	620898	50.0000	56.3235
	49	2-Hexanone	43	10.013	10.013	(0.933)	1284158	50.0000	60.0882
	50	Dibromochloromethane	129	10.164	10.164	(0.947)	117503	5.00000	4.4170
	51	1,2-Dibromoethane	107	10.296	10.296	(0.959)	147631	5.00000	5.8504
*	52	Chlorobenzene-d5	117	10.731	10.731	(1.000)	499250	5.00000	
	53	Chlorobenzene	112	10.762	10.762	(1.003)	545413	5.00000	5.5358
	54	Ethylbenzene	91	10.832	10.832	(1.009)	943995	5.00000	5.5987
	55	m-p-Xylenes	106	10.944	10.944	(1.020)	357079	5.00000	5.4274
	56	o-Xylene	106	11.319	11.319	(1.055)	394909	5.00000	5.5253
	57	Styrene	104	11.339	11.339	(1.057)	595460	5.00000	5.5709
	58	Bromoform	173	11.531	11.531	(0.907)	46211	5.00000	3.6462
	59	Isopropylbenzene	105	11.632	11.632	(1.083)	869969	5.00000	5.4392
S	60	1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	177318	5.00000	5.7051
	61	1,1,2,2-Tetrachloroethane	83	11.949	11.949	(1.114)	189937	5.00000	5.8150
	62	1,3-Dichlorobenzene	146	13.656	13.656	(0.995)	652809	5.00000	5.5684
*	63	1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	281079	5.00000	
	64	1,4-Dichlorobenzene	146	12.729	12.729	(1.001)	471158	5.00000	5.6277
S	65	1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	236827	5.00000	5.4725
	66	1,2-Dichlorobenzene	146	13.010	13.010	(1.023)	421081	5.00000	5.7594
	67	1,2-Dibromo-3-chloropropane	75	13.587	13.587	(1.068)	39404	5.00000	5.6296
	68	1,2,4-Trichlorobenzene	180	14.123	14.123	(1.111)	323871	5.00000	5.3255
	69	1,2,3-Trichlorobenzene	180	14.488	14.488	(1.139)	284124	5.00000	5.9893
	70	1,2,4-Trimethylbenzene	105	12.412	12.412	(1.727)	709467	5.00000	5.9514
	71	1,3,5-Trimethylbenzene	105	11.622	11.622	(1.616)	890566	5.00000	5.5213
	72	tert-Butyl alcohol	59	3.967	3.967	(0.455)	68835	50.0000	49.6080 (M)
	73	tert-Amyl methyl ether	73	6.691	6.691	(0.936)	1140243	50.0000	55.9014
	74	Ethyl tert-butyl ether	59	9.172	9.172	(0.726)	1248199	50.0000	57.5814
	75	Bromobenzene	77	11.916	11.916	(1.110)	352241	5.00000	5.8451
	76	n-Butylbenzene	91	12.939	12.939	(1.018)	733690	5.00000	5.7191
	77	sec-Butylbenzene	105	12.534	12.534	(0.985)	911656	5.00000	5.5843

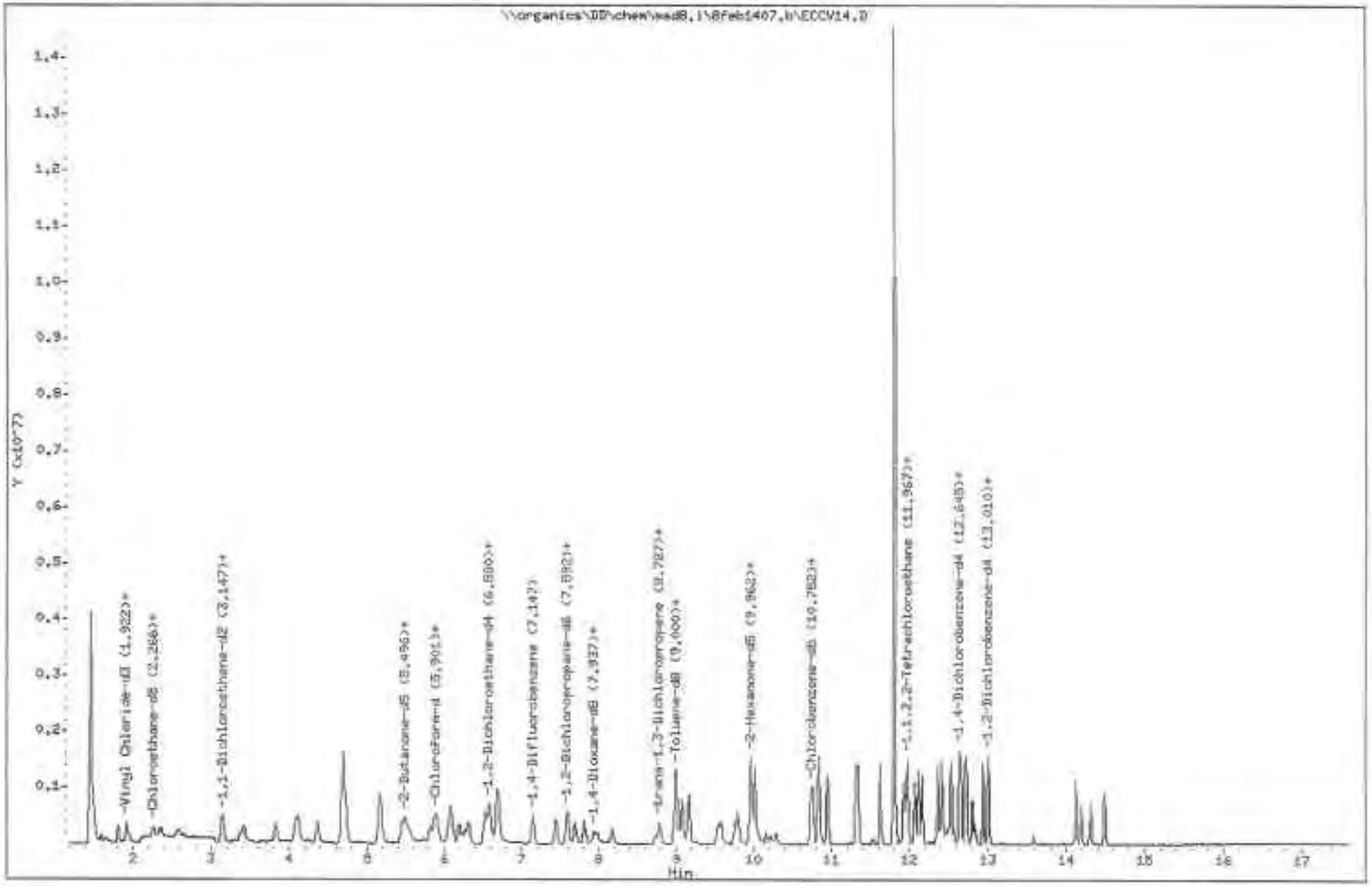
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
78 tert-Butylbenzene	119	12.361	12.361	(0.972)	597928	5.00000	5.4896
79 2-Chlorotoluene	91	12.068	12.068	(0.949)	689129	5.00000	5.9006
80 4-Chlorotoluene	91	12.159	12.156	(0.956)	651286	5.00000	5.7710
81 Dibromomethane	93	7.977	7.977	(1.114)	93642	5.00000	5.9467
82 1,3-Dichloropropane	76	9.961	9.961	(0.929)	308552	5.00000	5.8823
83 2,2-Dichloropropane	77	5.455	5.455	(0.763)	293148	5.00000	5.0107
84 1,1-Dichloropropene	75	6.318	6.318	(0.884)	248885	5.00000	5.6820
85 Hexachlorobutadiene	225	14.194	14.194	(1.116)	140858	5.00000	5.4909
86 p-Isopropyltoluene	119	12.618	12.618	(0.994)	763336	5.00000	5.5418
87 Naphthalene	128	14.316	14.316	(1.126)	551664	5.00000	6.1031
88 n-Propylbenzene	91	11.967	11.967	(0.941)	1027301	5.00000	5.6680
89 1,1,1,2-Tetrachloroethane	131	10.853	10.853	(1.011)	161434	5.00000	5.2831
90 1,2,3-Trichloropropane	110	11.587	11.587	(1.117)	90015	5.00000	6.0847
91 Hexane	57	4.362	4.362	(0.610)	256680	5.00000	8.2978
92 Isopropanol	45	4.696	4.696	(0.657)	2310904	250.000	2598.9471(A)

QC Flag Legend

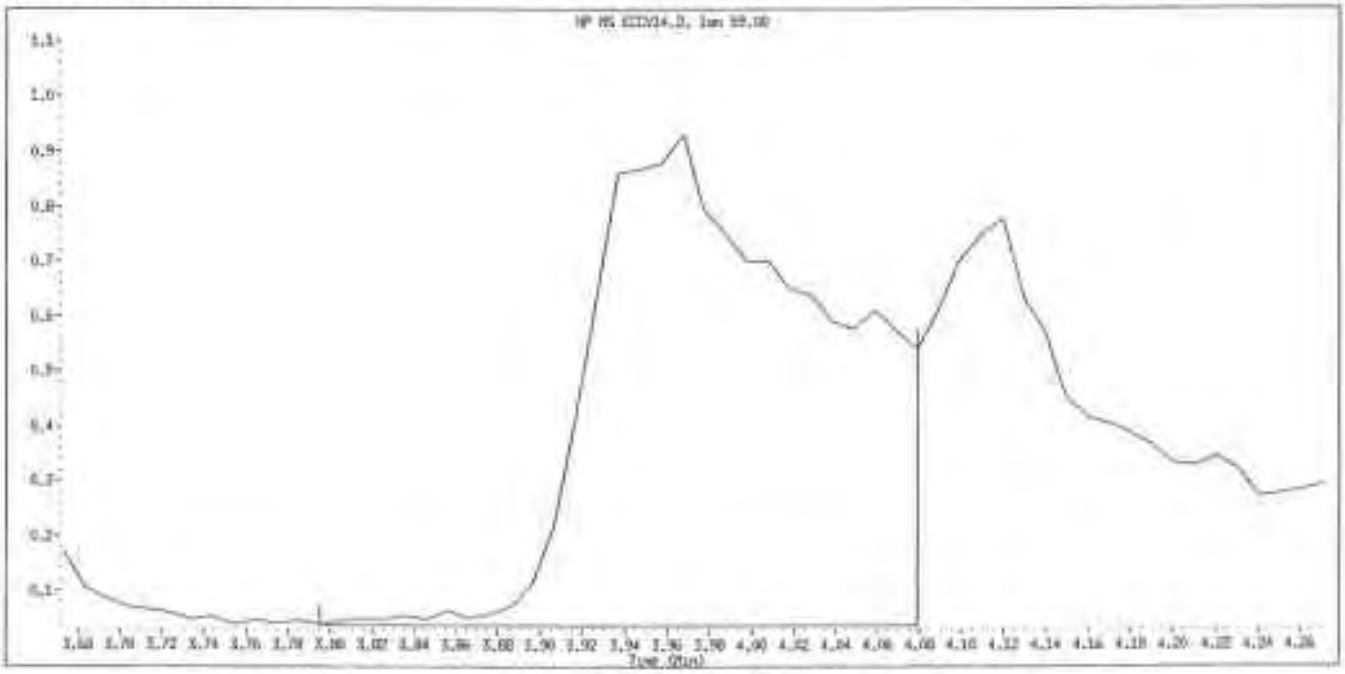
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: \\organics\DD\chem\msd8.i\8feb1407.b\ECCV14.D
Date : 14-FEB-2007 18:55
Client ID: VSTD0054E
Sample Info: 8feb1407.b, ECCV14
Purge Volume: 25.0
Column phase: DB-624

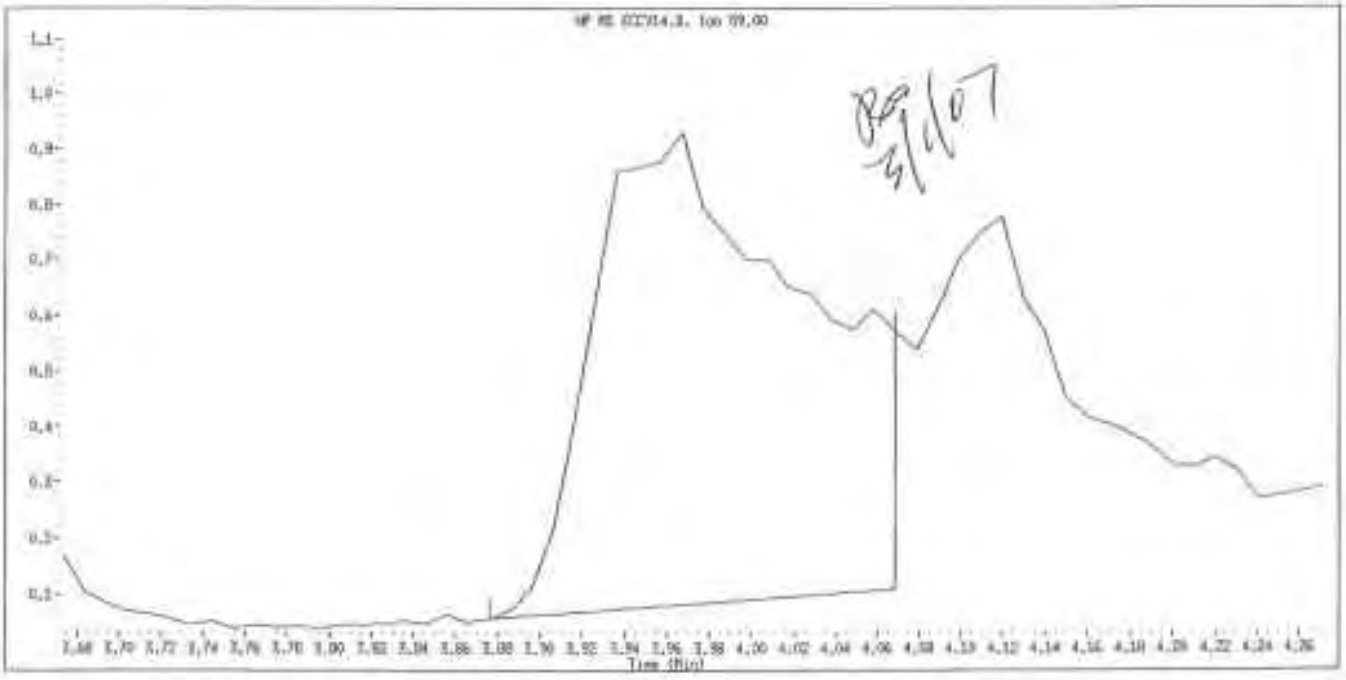
Instrument: msd8.i
Operator: DLB
Column diameter: 0.25



Data File Name: SCCV14.D
Inj. Date and Time: 14-FEB-2007 18:55
Instrument ID: gcms.i
Client ID:
Compound Name: tert-butyl alcohol
CAS #: 75-65-0
Report Date: 02/15/2007



Original Integration



Manual Integration

Manually Integrated by: SLB
Manual Integration Reason: Unknown

7A - FORM VII VOA-1
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date: 02/15/2007 Time: 0715

Lab File ID: CCV0215 Init. Calib. Date(s): 02/13/2007 02/13/2007

EPA Sample No. (VSTD#####): VSTD00515 Init. Calib. Time(s): 1105 1236

Heated Purge: (Y/N) Y GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

Purge Volume: 25.0 (mL)

COMPOUND	RRF	RRF 5.0	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.2351	0.3100	0.0100	31.8	40.0
Chloromethane	0.4095	0.5323	0.0100	30.0	40.0
Vinyl chloride	0.3275	0.4298	0.1000	31.2	30.0
Bromomethane	0.1999	0.2373	0.1000	18.7	30.0
Chloroethane	0.1815	0.2326	0.0100	28.1	40.0
Trichlorofluoromethane	0.3236	0.3972	0.0100	22.8	40.0
1,1-Dichloroethene	0.2675	0.2528	0.1000	-5.5	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0280	0.0306	0.0100	9.3	40.0
Acetone	0.0319	0.0435	0.0100	36.6	40.0
Carbon disulfide	0.9223	0.8812	0.0100	-4.4	40.0
Methyl acetate	0.2331	0.2595	0.0100	11.3	40.0
Methylene chloride	0.3169	0.3009	0.0100	-5.0	40.0
trans-1,2-Dichloroethene	0.3162	0.3012	0.0100	-4.8	40.0
Methyl tert-butyl ether	0.8676	0.8581	0.0100	-1.1	40.0
1,1-Dichloroethane	0.6140	0.6081	0.2000	-1.0	30.0
cis-1,2-Dichloroethene	0.3379	0.3198	0.0100	-5.4	40.0
2-Butanone	0.0879	0.1073	0.0100	22.1	40.0
Bromochloromethane	0.1469	0.1393	0.0500	-5.2	30.0
Chloroform	0.5676	0.5427	0.2000	-4.4	30.0
1,1,1-Trichloroethane	0.5050	0.4621	0.1000	-8.5	30.0
Cyclohexane	0.6551	0.6746	0.0100	3.0	40.0
Carbon tetrachloride	0.4152	0.3528	0.1000	-15.0	30.0
Benzene	1.4299	1.3320	0.4000	-6.8	30.0
1,2-Dichloroethane	0.3649	0.3891	0.1000	6.6	30.0
1,4-Dioxane	0.0012	0.0011	0.0050	-6.9	50.0
Trichloroethene	0.3645	0.3396	0.3000	-6.8	30.0
Methylcyclohexane	0.5975	0.5747	0.0100	-3.8	40.0

7B - FORM VII VOA-2
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date: 02/15/2007 Time: 0715

Lab File ID: CCV0215 Init. Calib. Date(s): 02/13/2007 02/13/2007

EPA Sample No. (VSTD######): VSTD00515 Init. Calib. Time(s): 1105 1236

Heated Purge: (Y/N) Y GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

Purge Volume: 25.0 (mL)

COMPOUND	RRF	RRF 5.0	MIN RRF	%D	MAX %D
1,2-Dichloropropane	0.3891	0.3897	0.0100	0.2	40.0
Bromodichloromethane	0.4250	0.3702	0.2000	-12.9	30.0
cis-1,3-Dichloropropene	0.5765	0.5017	0.2000	-13.0	30.0
4-Methyl-2-pentanone	0.2849	0.3166	0.0100	11.1	40.0
Toluene	1.5027	1.4181	0.4000	-5.6	30.0
trans-1,3-Dichloropropene	0.4730	0.4079	0.1000	-13.8	30.0
1,1,2-Trichloroethane	0.2608	0.2429	0.1000	-6.9	30.0
Tetrachloroethene	0.3046	0.2651	0.1000	-13.0	30.0
2-Hexanone	0.2145	0.2318	0.0100	8.1	40.0
Dibromochloromethane	0.2670	0.1985	0.1000	-25.6	30.0
1,2-Dibromoethane	0.2622	0.2426	0.0100	-7.5	40.0
Chlorobenzene	0.9887	0.9227	0.5000	-6.7	30.0
Ethylbenzene	1.6911	1.5913	0.1000	-5.9	30.0
o-Xylene	0.6447	0.5938	0.3000	-7.9	30.0
m,p-Xylene	0.6602	0.6021	0.3000	-8.8	30.0
Styrene	1.0008	0.9870	0.3000	-1.4	30.0
Bromoform	0.2524	0.1599	0.0500	-36.7	30.0
Isopropylbenzene	1.6419	1.5410	0.0100	-6.1	40.0
1,1,2,2-Tetrachloroethane	0.3278	0.3167	0.1000	-3.4	30.0
1,3-Dichlorobenzene	1.6193	1.4989	0.4000	-7.4	30.0
1,4-Dichlorobenzene	1.6672	1.5492	0.4000	-7.1	30.0
1,2-Dichlorobenzene	1.4560	1.4019	0.4000	-3.7	30.0
1,2-Dibromo-3-chloropropane	0.1040	0.0895	0.0100	-13.9	40.0
1,2,4-Trichlorobenzene	1.0384	1.1038	0.2000	1.4	30.0
1,2,3-Trichlorobenzene	0.9446	0.9761	0.2000	3.3	30.0

7C - FORM VII VOA-3 MODIFIED
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date: 02/15/2007 Time: 0715

Lab File ID: CCV0215 Init. Calib. Date(s): 02/13/2007 02/13/2007

EPA Sample No.(VSTD#####): VSTD00515 Init. Calib. Time(s): 1105 1236

Heated Purge: (Y/N) Y GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF 5.0	MIN RRF	%D	MAX %D
Vinyl Chloride-d3	0.2215	0.2719	0.0100	22.7	30.0
Chloroethane-d5	0.2016	0.2253	0.0100	11.8	40.0
1,1-Dichloroethene-d2	0.5703	0.5796	0.0100	1.6	30.0
2-Butanone-d5	0.0855	0.1048	0.0100	22.6	40.0
Chloroform-d	0.5397	0.5262	0.0100	-2.5	30.0
1,2-Dichloroethane-d4	0.2756	0.2874	0.0100	4.3	30.0
Benzene-d6	1.2646	1.1934	0.0100	-5.6	30.0
1,2-Dichloropropane-d6	0.4131	0.4045	0.0100	-1.6	40.0
Toluene-d8	1.1485	1.0678	0.0100	-7.0	30.0
trans-1,3-Dichloropropene-d4	0.2350	0.2103	0.0100	-10.5	30.0
2-Hexanone-d5	0.1106	0.1136	0.0100	2.7	40.0
1,4-Dioxane-d8	0.0011	0.0009	0.0050	-13.7	50.0
1,1,2,2-Tetrachloroethane-d2	0.3119	0.3013	0.0100	-3.4	30.0
1,2-Dichlorobenzene-d4	0.8619	0.7959	0.0100	-7.7	30.0
tertiary butyl alcohol	0.0114	0.0090	0.0100	-21.0	50.0

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1507.b\CCV0215.D
Lab Smp Id: CCV0215 Client Smp ID: VSTD00515
Inj Date : 15-FEB-2007 07:15
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1507.b, CCV0215
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb1507.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:18 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 49 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	1	Dichlorodifluoromethane	85	1.648	1.648	(0.231)	163366	5.00000	6.0512
	2	Chloromethane	50	1.810	1.810	(0.253)	280370	5.00000	6.4993
$	3	Vinyl Chloride-d3	65	1.911	1.911	(0.267)	143188	5.00000	5.1367
	4	Vinyl Chloride	62	1.921	1.921	(0.269)	226353	5.00000	8.5616
	5	Bromomethane	94	2.266	2.266	(0.317)	124975	5.00000	5.8538
S	6	Chloroethane-d5	69	2.336	2.336	(0.327)	118670	5.00000	5.5875
	7	Chloroethane	64	2.357	2.357	(0.330)	122486	5.00000	6.4061
	8	Trichlorofluoromethane	101	2.579	2.579	(0.361)	309301	5.00000	6.1377
S	9	1,1-Dichloroethene-D2	67	3.136	3.136	(0.439)	305279	5.00000	5.0818
	10	1,1,2-Trichloro-1,2,2-trifluo	101	3.136	3.136	(0.439)	58127	5.00000	5.4831
	11	1,1-Dichloroethene	96	3.147	3.147	(0.440)	133116	5.00000	4.7259
	12	Acetone	43	3.288	3.288	(0.460)	229310	30.0000	68.3036
	13	Carbon Disulfide	76	3.410	3.410	(0.477)	864129	5.00000	4.7775
	14	Methyl Acetate	43	3.663	3.663	(0.513)	136670	5.00000	5.5671
	15	Methylene Chloride	84	3.825	3.825	(0.535)	158500	5.00000	4.7481
	16	Methyl tert-Butyl Ether	73	4.078	4.078	(0.571)	651945	5.00000	5.3453
	17	trans-1,2-Dichloroethene	96	4.119	4.119	(0.576)	158623	5.00000	4.7632
	18	1,1-Dichloroethane	63	4.726	4.726	(0.661)	320292	5.00000	4.8519
S	19	2-Butanone-d5	46	5.455	5.458	(0.763)	551836	50.0000	61.3026
	20	cis-1,2-Dichloroethene	96	5.496	5.496	(0.769)	158430	5.00000	4.7322
	21	2-Butanone	43	5.536	5.536	(0.775)	565377	50.0000	61.0458
	22	Bromochloromethane	128	5.820	5.820	(0.814)	73348	5.00000	4.9385
@	23	Chloroform-d	84	5.881	5.881	(0.823)	277127	5.00000	4.8748

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	Amounts CAL-AMT (ug/L)	Amounts ON-COL (ug/L)
	34 Chloroform	83	5.801	5.801	(0.830)	285834	5.00000	4.7803
	35 1,1,1-Trichloroethane	97	6.093	6.093	(0.568)	225596	5.00000	4.8757
	36 Cyclohexane	56	6.063	6.063	(0.565)	329324	5.00000	5.1482
	37 Carbon Tetrachloride	117	6.265	6.265	(0.583)	172202	5.00000	4.8478
S	38 1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	151174	5.00000	5.2136
S	39 Benzene-d6	84	6.529	6.529	(0.606)	582565	5.00000	4.7182
	40 Benzene	78	6.579	6.579	(0.613)	650242	5.00000	4.6575
	41 1,2-Dichloroethane	62	6.711	6.711	(0.939)	204926	5.00000	5.3318
*	42 1,4-Difluorobenzene	114	7.146	7.146	(1.000)	536688	5.00000	
	43 Trichloroethene	95	7.440	7.440	(0.693)	163803	5.00000	4.8588
S	44 1,2-Dichloropropane-d6	67	7.693	7.692	(0.717)	197475	5.00000	4.9201
	45 Methylcyclohexane	83	7.582	7.582	(0.707)	280557	5.00000	4.8695
	46 1,2-Dichloropropane	63	7.805	7.805	(0.727)	190259	5.00000	5.0081
	47 Bromodichloromethane	83	8.169	8.169	(0.761)	180721	5.00000	4.5549
	48 1,4-Dioxane	88	7.887	7.887	(1.118)	28727	250.000	233.7626 (M)
S	49 1,4-Dioxane-d8	96	7.910	7.519	(1.106)	34000	250.000	215.6933 (Q)
S	50 trans-1,3-Dichloropropene-d4	78	8.736	8.736	(0.814)	103644	5.00000	4.4734
	51 cis-1,3-Dichloropropene	75	8.787	8.787	(0.819)	244890	5.00000	4.3909
	52 4-Methyl-2-pentanone	43	8.988	8.988	(0.838)	1545574	50.0000	55.5635
S	53 Toluene-d8	98	9.070	9.070	(0.846)	521272	5.00000	4.6487
	54 Toluene	91	9.162	9.162	(0.854)	692291	5.00000	4.7185
	55 trans-1,3-Dichloropropene	75	8.646	8.646	(0.805)	199101	5.00000	4.3152
	56 1,1,2-Trichloroethane	97	9.759	9.759	(0.909)	138973	5.00000	4.6560
	57 Tetrachloroethene	164	9.799	9.799	(0.913)	139196	5.00000	4.3510
S	58 2-Hexanone-d5	63	9.961	9.961	(0.928)	654469	50.0000	51.3382
	59 2-Hexanone	43	10.012	10.012	(0.933)	1131500	50.0000	54.0384
	60 Dibromochloromethane	129	10.154	10.154	(0.946)	96897	5.00000	3.7177
	61 1,2-Dibromoethane	107	10.286	10.286	(0.958)	118422	5.00000	4.6202
*	62 Chlorobenzene-d5	117	10.731	10.731	(1.000)	488169	5.00000	
	63 Chlorobenzene	112	10.761	10.761	(1.003)	450611	5.00000	4.6660
	64 Ethylbenzene	91	10.832	10.832	(1.009)	776821	5.00000	4.7048
	65 m-p-Xylenes	106	10.994	10.994	(1.024)	253926	5.00000	4.5594
	66 o-Xylene	106	11.318	11.318	(1.055)	289048	5.00000	4.6048
	67 Styrene	104	11.339	11.339	(1.057)	481806	5.00000	4.9388
	68 Bromoform	173	11.531	11.531	(0.907)	46126	5.00000	3.1673
	69 Isopropylbenzene	105	11.622	11.622	(1.083)	752268	5.00000	4.6935
S	70 1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	147050	5.00000	4.8103
	71 1,1,2,2-Tetrachloroethane	83	11.938	11.938	(1.112)	184626	5.00000	4.8317
	72 1,3-Dichlorobenzene	146	12.660	12.656	(0.999)	376203	5.00000	4.6282
*	73 1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	298879	5.00000	
	74 1,4-Dichlorobenzene	146	12.720	12.720	(1.001)	388824	5.00000	4.8461
S	75 1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	299759	5.00000	4.8173
	76 1,2-Dichlorobenzene	146	13.009	13.009	(1.023)	361837	5.00000	4.8143
	77 1,2-Dibromo-3-chloropropane	75	13.587	13.587	(1.068)	22475	5.00000	4.9047
	78 1,2,4-Trichlorobenzene	180	14.133	14.133	(1.111)	277034	5.00000	5.0706
	79 1,2,3-Trichlorobenzene	180	14.468	14.468	(1.138)	244978	5.00000	5.1566
	80 1,2,4-Trimethylbenzene	105	12.412	12.412	(1.737)	576742	5.00000	4.9386
	81 1,3,5-Trimethylbenzene	105	11.622	11.622	(1.626)	702736	5.00000	4.7638
	82 tert-butyl Alcohol	59	3.967	3.967	(0.685)	47337	50.0000	39.5107 (M)
	83 tert-amyl Methyl ether	73	6.691	6.691	(0.935)	941457	50.0000	47.1157
	84 Ethyl tert-butyl ether	59	5.162	5.162	(0.722)	1056877	50.0000	49.6842
	85 Bromobenzene	77	11.916	11.916	(1.110)	285532	5.00000	4.8369
	86 n-Butylbenzene	91	12.939	12.939	(1.018)	647213	5.00000	5.0678
	87 sec-Butylbenzene	105	12.634	12.634	(0.986)	785544	5.00000	4.8172

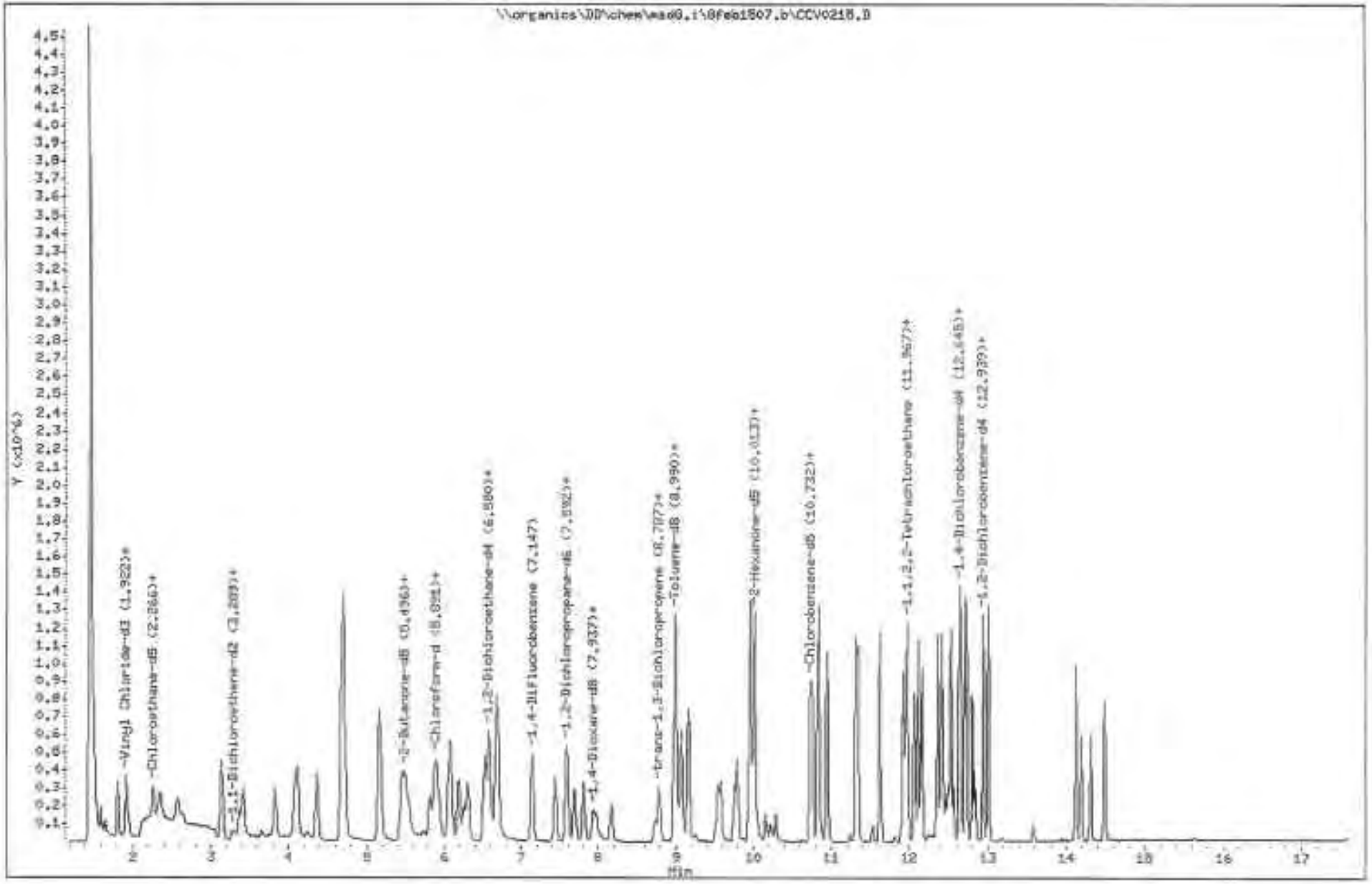
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS CD-COL (ug/L)
78 tert-Butylbenzene	119	12.361	12.361	(0.972)	498100	5.00000	4.5841
79 2-Chlorotoluene	91	12.068	12.068	(0.948)	559801	5.00000	4.7883
80 4-Chlorotoluene	91	12.159	12.159	(0.956)	529189	5.00000	4.6908
81 Dibromomethane	93	7.967	7.967	(1.115)	78243	5.00000	5.0721
82 1,3-Dichloropropane	76	8.851	8.851	(0.927)	258617	5.00000	4.9934
83 2,2-Dichloropropane	77	9.455	9.455	(0.763)	292729	5.00000	5.1076
84 1,1-Dichloropropene	75	6.306	6.306	(0.882)	206510	5.00000	4.8126
85 Hexachlorobutadiene	225	14.194	14.194	(1.116)	122261	5.00000	4.7673
86 p-Isopropyltoluene	119	12.635	12.635	(0.994)	650930	5.00000	4.7276
87 Napthalene	128	14.316	14.316	(1.126)	446105	5.00000	4.9373
88 n-Propylbenzene	91	11.966	11.966	(0.941)	868403	5.00000	4.7847
89 1,1,1,2-Tetrachloroethane	131	10.842	10.842	(1.010)	126161	5.00000	4.1974
90 1,2,3-Trichloropropane	110	11.987	11.987	(1.117)	19410	5.00000	4.6935
91 Hexane	57	4.362	4.362	(0.618)	240378	5.00000	5.0845
92 Isopropanol	45	3.440	3.440	(0.461)	290616	250.000	269.4434(M)

QC Flag Legend

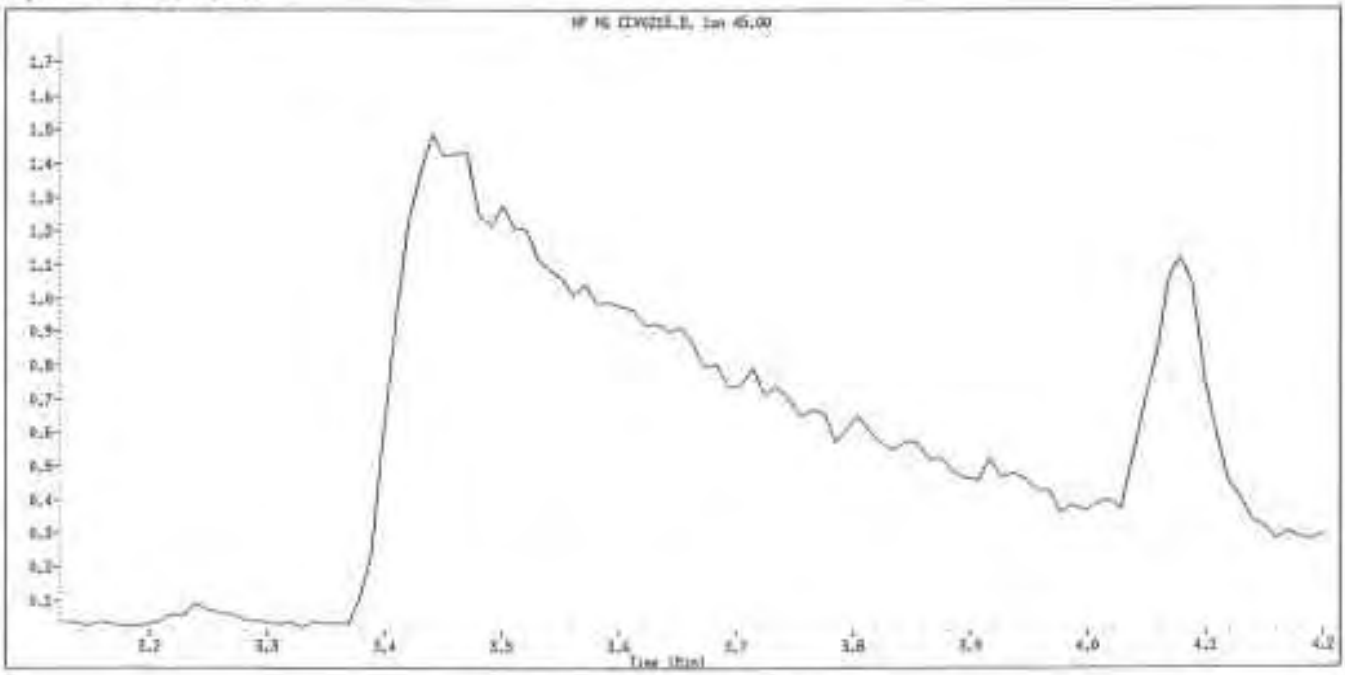
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: \\organics\DD\chem\msd8.i\8feb1507.b\CCV0215.D
Date : 15-FEB-2007 07:15
Client ID: V6TD00615
Sample Info: 8feb1507.b, CCV0215
Purge Volume: 25.0
Column phase: DB-624

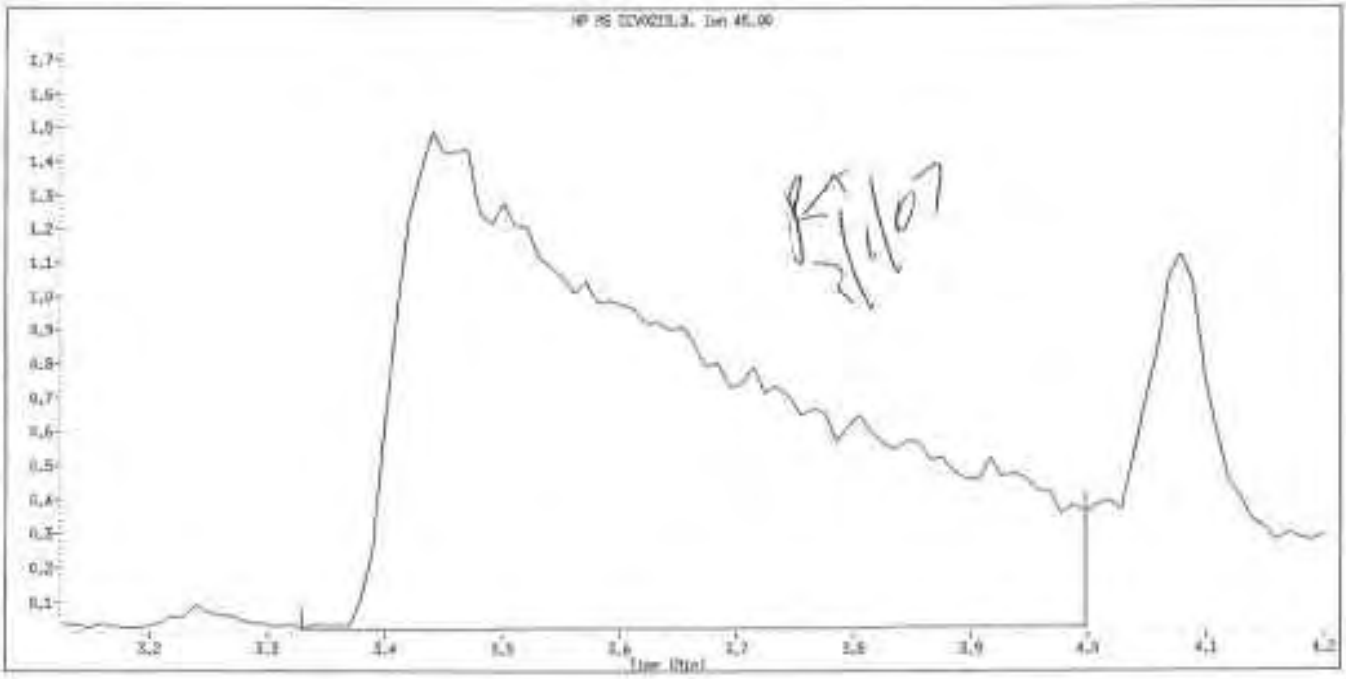
Instrument: msd8.i
Operator: DLB
Column diameter: 0.25



Data File Name: CCV0215.D
Inj. Date and Time: 15-FEB-2007 07:15
Instrument ID: ms08.i
Client ID:
Compound Name: Isopropanol
CAS #: 67-63-0
Report Date: 02/16/2007



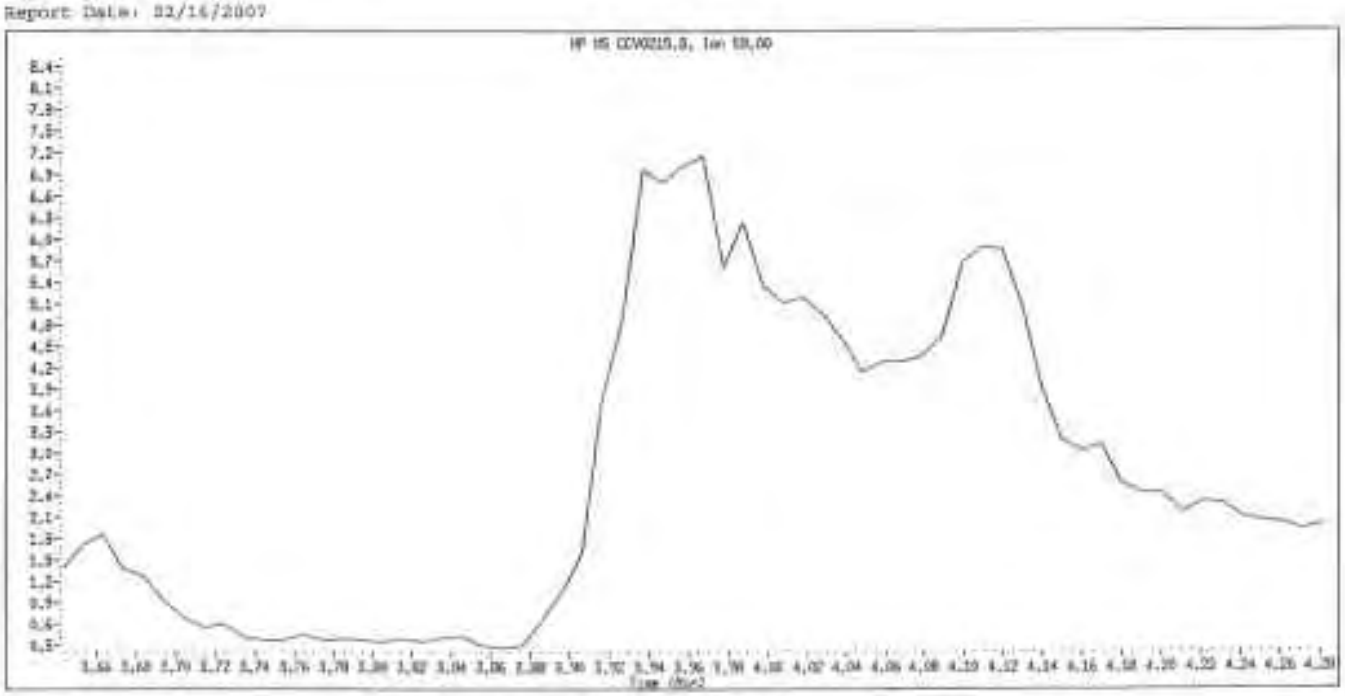
Original Integration



Manual Integration

Manually Integrated By: DLE
Manual Integration Reason: Unknown

Data File Name: CCV0215.D
Inj. Date and Time: 15-FEB-2007 07:15
Instrument ID: msd6.i
Client ID:
Compound Name: tert-butyl alcohol
CAS #: 75-65-0
Report Date: 02/16/2007



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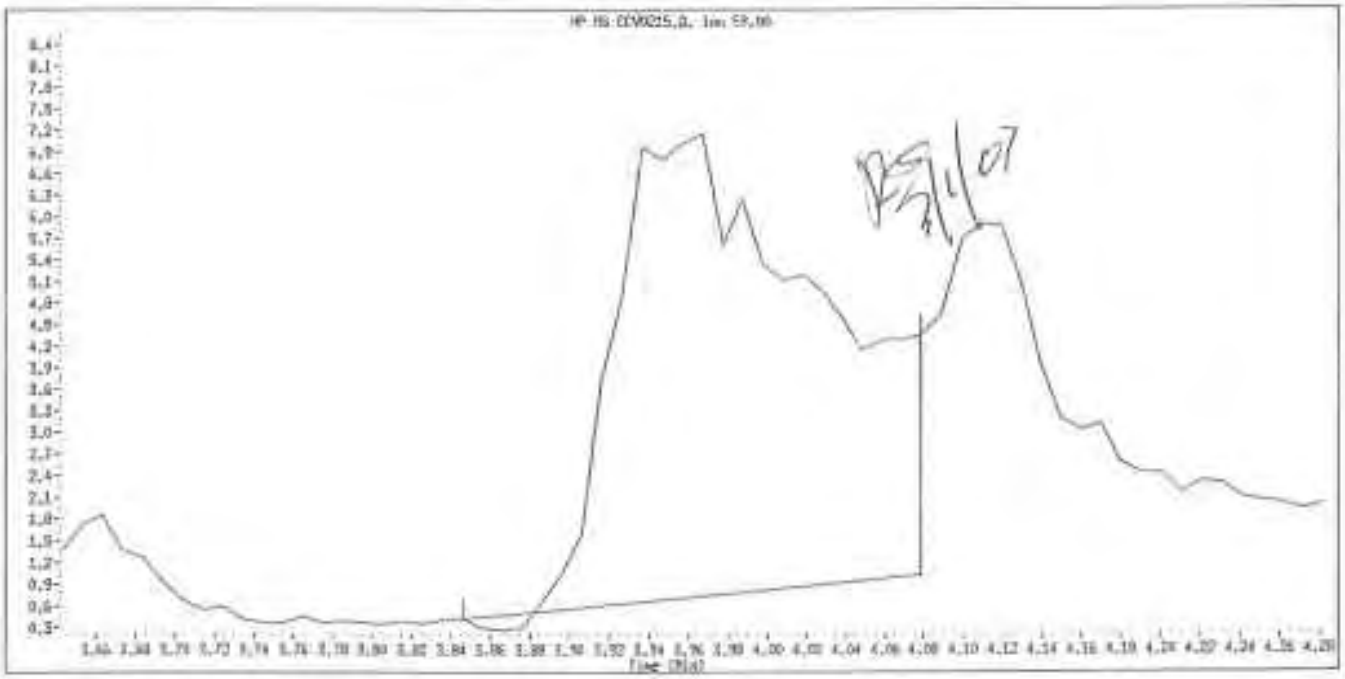
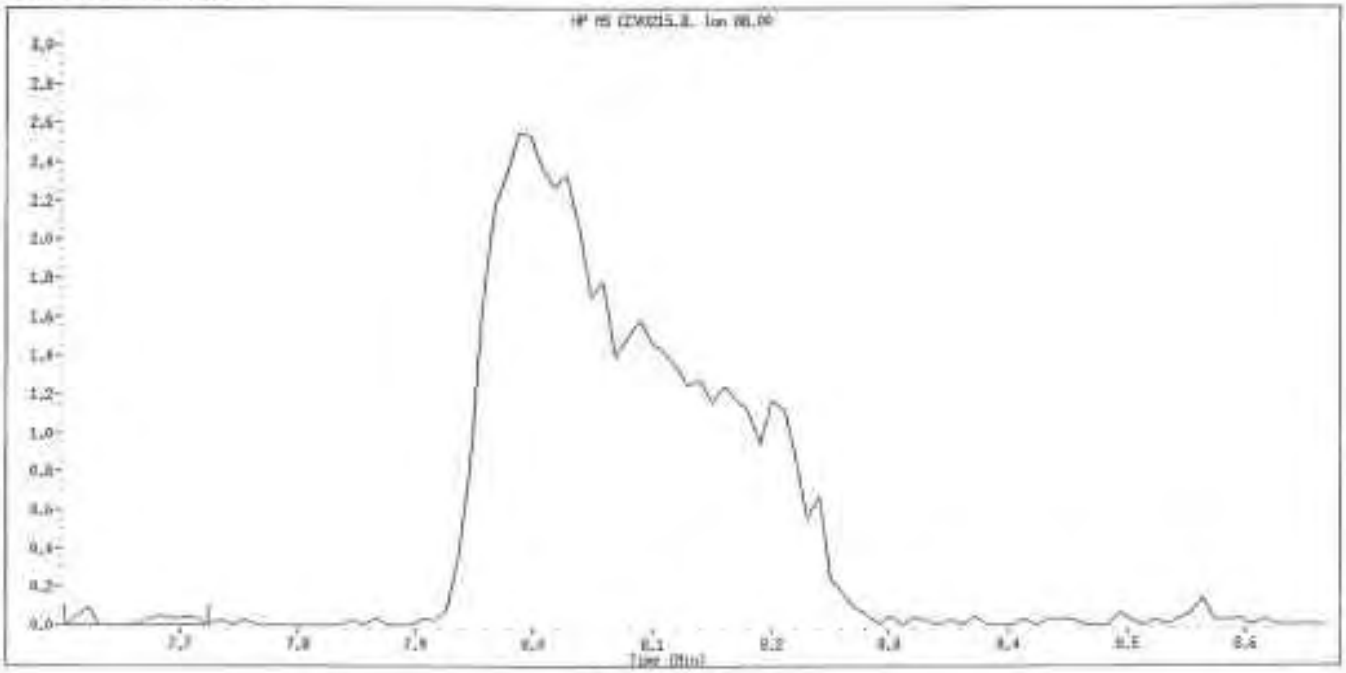


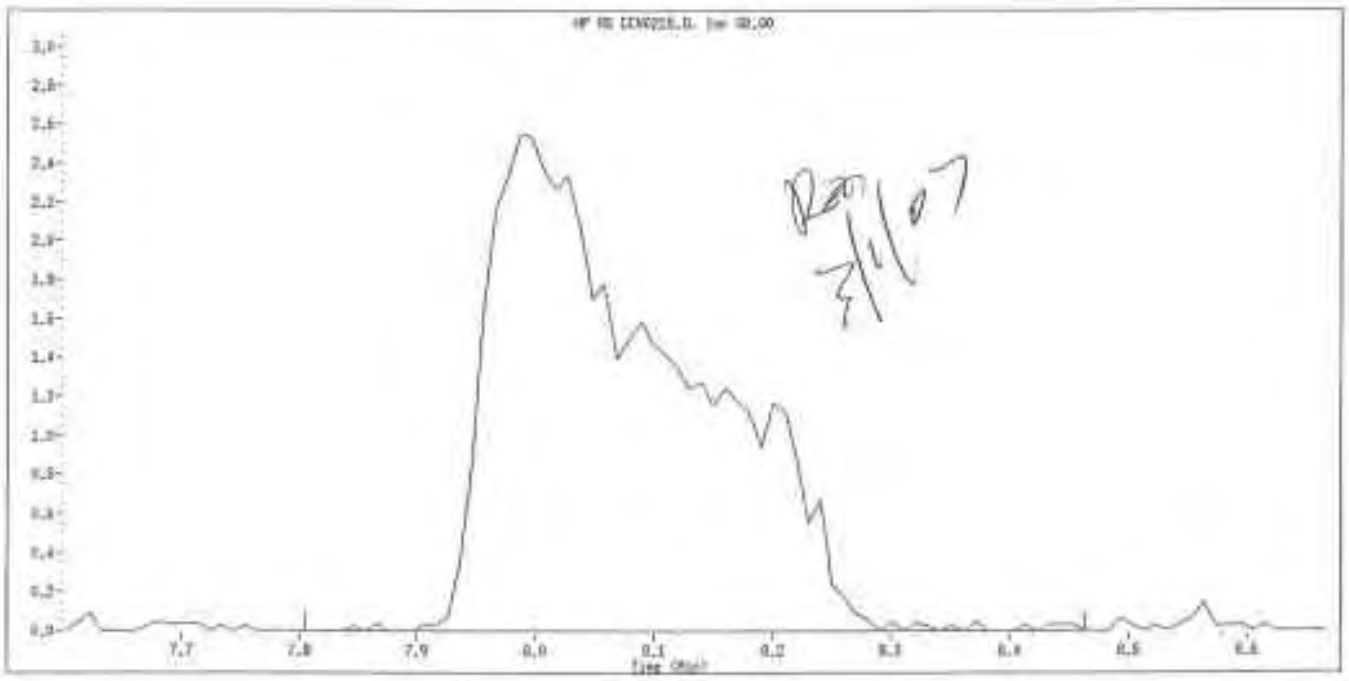
Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Data File Name: CCV0215.D
Inj. Date and Time: 15-FEB-2007 07:15
Instrument ID: Gcms.i
Client ID:
Compound Name: 1,4-Dioxane
CAS #: 123-91-1
Report Date: 02/16/2007



Original Integration



Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

7A - FORM VII VOA-1
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date: 02/15/2007 Time: 1827

Lab File ID: ENDC15 Init. Calib. Date(s): 02/13/2007 02/13/2007

EPA Sample No. (VSTD######): VSTD0055E Init. Calib. Time(s): 1105 1236

Heated Purge: (Y/N) Y GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF 5.0	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.2351	0.2380	0.0100	1.2	40.0
Chloromethane	0.4095	0.4783	0.0100	16.8	40.0
Vinyl chloride	0.3275	0.3710	0.1000	13.3	30.0
Bromomethane	0.1999	0.2100	0.1000	5.0	30.0
Chloroethane	0.1815	0.2081	0.0100	14.7	40.0
Trichlorofluoromethane	0.3236	0.3594	0.0100	11.1	40.0
1,1-Dichloroethene	0.2675	0.2496	0.1000	-6.7	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0280	0.0263	0.0100	-6.1	40.0
Acetone	0.0319	0.0241	0.0100	-24.4	40.0
Carbon disulfide	0.9223	0.8180	0.0100	-11.3	40.0
Methyl acetate	0.2331	0.2176	0.0100	-6.6	40.0
Methylene chloride	0.3169	0.2825	0.0100	-10.9	40.0
trans-1,2-Dichloroethene	0.3162	0.2853	0.0100	-9.8	40.0
Methyl tert-butyl ether	0.8676	0.7534	0.0100	-13.2	40.0
1,1-Dichloroethane	0.6140	0.5938	0.2000	-3.3	30.0
cis-1,2-Dichloroethene	0.3379	0.3095	0.0100	-8.4	40.0
2-Butanone	0.0879	0.0879	0.0100	-0.0	40.0
Bromochloromethane	0.1469	0.1309	0.0500	-10.9	30.0
Chloroform	0.5676	0.5235	0.2000	-7.8	30.0
1,1,1-Trichloroethane	0.5050	0.4507	0.1000	-10.8	30.0
Cyclohexane	0.6551	0.6471	0.0100	-1.2	40.0
Carbon tetrachloride	0.4152	0.3384	0.1000	-18.5	30.0
Benzene	1.4299	1.3370	0.4000	-6.5	30.0
1,2-Dichloroethane	0.3649	0.3735	0.1000	2.4	30.0
1,4-Dioxane	0.0012	0.0010	0.0050	-13.1	50.0
Trichloroethene	0.3645	0.3343	0.3000	-8.3	30.0
Methylcyclohexane	0.5975	0.5468	0.0100	-8.5	40.0

7B - FORM VII VOA-2
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date: 02/16/2007 Time: 1827

Lab File ID: ENDC15 Init. Calib. Date(s): 02/13/2007 02/13/2007

EPA Sample No. (VSTD#####): VSTD0055E Init. Calib. Time(s): 1105 1236

Heated Purge: (Y/N) Y GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

Purge Volume: 25.0 (mL)

COMPOUND	RRF	RRF 5.0	MIN RRF	%D	MAX %D
1,2-Dichloropropane	0.3891	0.3760	0.0100	-3.4	40.0
Bromodichloromethane	0.4250	0.3540	0.2000	-16.7	30.0
cis-1,3-Dichloropropene	0.5765	0.4378	0.2000	-24.1	30.0
4-Methyl-2-pentanone	0.2849	0.3036	0.0100	6.6	40.0
Toluene	1.5027	1.3886	0.4000	-7.6	30.0
trans-1,3-Dichloropropene	0.4730	0.3478	0.1000	-26.5	30.0
1,1,2-Trichloroethane	0.2608	0.2324	0.1000	-10.9	30.0
Tetrachloroethene	0.3046	0.2601	0.1000	-14.6	30.0
2-Hexanone	0.2145	0.2256	0.0100	5.2	40.0
Dibromochloromethane	0.2670	0.1764	0.1000	-33.9	30.0
1,2-Dibromoethane	0.2622	0.2323	0.0100	-11.4	40.0
Chlorobenzene	0.9887	0.9092	0.5000	-8.0	30.0
Ethylbenzene	1.6911	1.5608	0.1000	-7.7	30.0
o-Xylene	0.6447	0.5701	0.3000	-11.6	30.0
m,p-Xylene	0.6602	0.5842	0.3000	-11.5	30.0
Styrene	1.0008	0.9643	0.3000	-3.6	30.0
Bromoform	0.2524	0.1357	0.0500	-46.2	30.0
Isopropylbenzene	1.6419	1.4525	0.0100	-11.5	40.0
1,1,2,2-Tetrachloroethane	0.3278	0.2929	0.1000	-10.6	30.0
1,3-Dichlorobenzene	1.6193	1.4812	0.4000	-8.5	30.0
1,4-Dichlorobenzene	1.6672	1.5010	0.4000	-10.0	30.0
1,2-Dichlorobenzene	1.4560	1.3342	0.4000	-8.4	30.0
1,2-Dibromo-3-chloropropane	0.1040	0.0799	0.0100	-23.2	40.0
1,2,4-Trichlorobenzene	1.0884	0.8124	0.2000	-25.4	30.0
1,2,3-Trichlorobenzene	0.9446	0.7042	0.2000	-25.5	30.0

7C - FORM VII VOA-3 MODIFIED
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date: 02/15/2007 Time: 1827

Lab File ID: ENDC15 Init. Calib. Date(s): 02/13/2007 02/13/2007

EPA Sample No.(VSTD#####): VSTD0055E Init. Calib. Time(s): 1105 1236

Heated Purge: (Y/N) Y GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF 5.0	MIN RRF	%D	MAX %D
Vinyl Chloride-d3	0.2215	0.2400	0.0100	8.3	30.0
Chloroethane-d5	0.2016	0.2001	0.0100	-0.7	40.0
1,1-Dichloroethene-d2	0.5703	0.5665	0.0100	-0.7	30.0
2-Butanone-d5	0.0855	0.0748	0.0100	-12.4	40.0
Chloroform-d	0.5397	0.5064	0.0100	-6.2	30.0
1,2-Dichloroethane-d4	0.2756	0.2647	0.0100	-4.0	30.0
Benzene-d6	1.2646	1.1941	0.0100	-5.6	30.0
1,2-Dichloropropane-d6	0.4111	0.3979	0.0100	-3.2	40.0
Toluene-d8	1.1485	1.0440	0.0100	-9.1	30.0
trans-1,3-Dichloropropene-d4	0.2350	0.1814	0.0100	-22.8	30.0
2-Hexanone-d5	0.1106	0.1076	0.0100	-2.7	40.0
1,4-Dioxane-d8	0.0011	0.0009	0.0050	-14.1	50.0
1,1,2,2-Tetrachloroethane-d2	0.3119	0.2791	0.0100	-10.5	30.0
1,2-Dichlorobenzene-d4	0.8619	0.7669	0.0100	-11.0	30.0
tertiary butyl alcohol	0.0114	0.0075	0.0100	-33.9	50.0

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1507.b\ENDC15.D
Lab Smp Id: ENDC15 Client Smp ID: VSTD0055E
Inj Date : 15-FEB-2007 18:27
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1507.b,ENDC15
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb1507.b\TRACE1359E.m
Meth Date : 01-Mar-2007 08:19 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 53 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

		Compounds	QUANT MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	1	Dichlorodifluoromethane	85	1.648	1.648	(0.331)	127972	5.00000	5.0009
	2	Chloromethane	50	1.810	1.810	(0.363)	257160	5.00000	5.6391
a	3	Vinyl Chloride-d3	65	1.911	1.911	(0.367)	129097	5.00000	5.4175
	4	Vinyl Chloride	62	1.921	1.921	(0.369)	199476	5.00000	5.6640
	5	Bromomethane	94	2.288	2.288	(0.517)	112894	5.00000	5.2504
s	6	Chloroethane-d5	69	2.336	2.336	(0.327)	107603	5.00000	4.9637
	7	Chloroethane	64	2.367	2.367	(0.333)	211916	5.00000	6.7334
	8	Trichlorofluoromethane	101	2.564	2.569	(0.360)	193254	5.00000	5.8537
d	9	1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	304594	5.00000	4.9663
	10	1,1,2-Trichloro-1,2,2-trifluo	101	3.136	3.136	(0.437)	14155	5.00000	4.6969
	11	1,1-Dichloroethene	96	3.146	3.146	(0.440)	134233	5.00000	4.6663
	12	Acetone	43	3.288	3.288	(0.460)	128617	50.0000	37.8233
	13	Carbon Disulfide	76	3.420	3.420	(0.479)	439823	5.00000	4.4346
	14	Methyl Acetate	43	3.663	3.663	(0.513)	117003	5.00000	4.6883
	15	Methylene Chloride	84	3.829	3.829	(0.536)	161898	5.00000	4.4971
	16	Methyl tert-Butyl Ether	73	4.078	4.078	(0.571)	405079	5.00000	4.3417
	17	trans-1,2-Dichloroethene	96	4.119	4.119	(0.576)	153431	5.00000	4.5220
	18	1,1-Dichloroethane	63	4.726	4.726	(0.661)	219268	5.00000	4.8349
s	19	2-Butanone-d5	46	5.465	5.465	(0.765)	402330	50.0000	43.7786
	20	cis-1,2-Dichloroethene	96	5.508	5.508	(0.770)	166410	5.00000	4.8799
	21	2-Butanone	43	5.546	5.546	(0.776)	473610	50.0000	43.0869
	22	Bromochloromethane	128	5.830	5.830	(0.816)	78459	5.00000	4.6554
s	23	Chloroform-d	84	5.880	5.880	(0.823)	272297	5.00000	4.6917

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	CH-CAL (ug/L)
	24	Chloroform	83	5.911	5.911	(0.827)	261478	5.00000	4.6110
	25	1,1,1-Trichloroethane	97	6.093	6.093	(0.568)	320794	5.00000	4.4623
	26	Cyclohexane	56	6.073	6.073	(0.566)	317041	5.00000	4.9393
	27	Carbon Tetrachloride	117	6.265	6.265	(0.584)	169768	5.00000	4.0743
S	28	1,2-Dichloroethane-d4	65	6.610	6.610	(0.926)	142138	5.00000	4.8019
S	29	Benzene-d6	84	6.629	6.629	(0.608)	585036	5.00000	4.7212
	30	Benzene	78	6.679	6.679	(0.613)	656036	5.00000	4.6750
	31	1,2-Dichloroethane	62	6.711	6.711	(0.939)	200822	5.00000	5.1180
*	32	1,4-Difluorobenzene	114	7.146	7.146	(1.000)	527703	5.00000	
	33	Trichloroethene	95	7.440	7.440	(0.653)	163762	5.00000	4.5850
S	34	1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	196926	5.00000	4.8301
	35	Methylcyclohexane	83	7.592	7.592	(0.707)	247073	5.00000	4.5756
	36	1,2-Dichloropropane	63	7.816	7.816	(0.728)	164235	5.00000	4.8321
	37	Bromodichloromethane	83	8.169	8.169	(0.761)	173441	5.00000	4.1645
	38	1,4-Dioxane	88	8.007	8.007	(1.120)	27380	250.000	217.3038 (M)
S	39	1,4-Dioxane-d8	96	7.967	7.967	(1.115)	24396	250.000	214.7608 (Q)
S	40	trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	88858	5.00000	3.8565
	41	cis-1,3-Dichloropropene	75	8.787	8.787	(0.819)	216486	5.00000	3.7971
	42	4-Methyl-2-pentanone	43	8.999	8.999	(0.839)	1487275	50.0000	53.2793
S	43	Toluene-d8	98	9.080	9.080	(0.846)	511689	5.00000	4.5451
	44	Toluene	91	9.172	9.172	(0.855)	688308	5.00000	4.6201
	45	trans-1,3-Dichloropropene	75	9.546	9.546	(0.890)	170412	5.00000	3.5767
	46	1,1,2-Trichloroethane	97	9.759	9.759	(0.909)	113861	5.00000	4.4649
	47	Tetrachloroethene	164	9.799	9.799	(0.913)	137451	5.00000	4.2702
S	48	2-Hexanone-d5	63	9.901	9.901	(0.928)	527386	50.0000	48.6535
	49	2-Hexanone	43	10.012	10.012	(0.933)	1105239	50.0000	52.5948
	50	Dibromochloromethane	129	10.164	10.164	(0.947)	86415	5.00000	3.8036
	51	1,2-Dibromoethane	107	10.296	10.296	(0.959)	111808	5.00000	4.6299
*	52	Chlorobenzene-d5	117	10.731	10.731	(1.000)	489527	5.00000	
	53	Chlorobenzene	112	10.761	10.761	(1.003)	845486	5.00000	4.5581
	54	Ethylbenzene	91	10.832	10.832	(1.009)	784671	5.00000	4.8169
	55	m-p-Xylenes	106	10.944	10.944	(1.020)	286204	5.00000	4.9241
	56	o-Xylene	106	11.318	11.318	(1.055)	279313	5.00000	4.4212
	57	Styrene	104	11.339	11.339	(1.057)	472461	5.00000	4.8178
	58	Bromoform	173	11.531	11.531	(0.907)	31272	5.00000	3.6876
	59	Isopropylbenzene	105	11.622	11.622	(1.083)	711605	5.00000	4.4239
S	60	1,1,2,2-Tetrachloroethane-d2	84	11.926	11.926	(1.111)	136737	5.00000	4.6762
	61	1,1,2,2-Tetrachloroethane	83	11.946	11.946	(1.113)	143487	5.00000	4.4675
	62	1,3-Dichlorobenzene	146	12.655	12.655	(0.995)	341442	5.00000	4.8736
*	63	1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	230510	5.00000	
	64	1,4-Dichlorobenzene	146	12.736	12.736	(1.002)	346000	5.00000	4.8018
S	65	1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	176768	5.00000	4.4687
	66	1,2-Dichlorobenzene	146	13.019	13.019	(1.024)	307545	5.00000	4.9818
	67	1,2-Dibromo-3-chloropropane	75	13.687	13.687	(1.068)	58423	5.00000	3.8418
	68	1,2,4-Trichlorobenzene	180	14.123	14.123	(1.111)	187363	5.00000	3.7318
	69	1,2,3-Trichlorobenzene	180	14.488	14.488	(1.139)	162320	5.00000	3.7273
	70	1,2,4-Trimethylbenzene	105	12.412	12.412	(1.717)	528444	5.00000	4.4323
	71	1,3,5-Trimethylbenzene	105	11.622	11.622	(1.608)	712141	5.00000	4.4149
	72	tert-Butyl alcohol	59	9.957	9.957	(0.554)	40413	50.0000	33.0404 (M)
	73	tert-amyl methyl ether	73	8.691	8.691	(0.936)	900949	50.0000	48.1648
	74	Ethyl tert-butyl ether	59	9.172	9.172	(0.724)	1010195	50.0000	48.5609
	75	Benzaldehyde	77	11.916	11.916	(1.110)	267281	5.00000	4.5106
	76	n-Butylbenzene	91	12.938	12.938	(1.018)	538830	5.00000	4.5733
	77	sec-Butylbenzene	105	12.533	12.533	(0.986)	705167	5.00000	4.7083

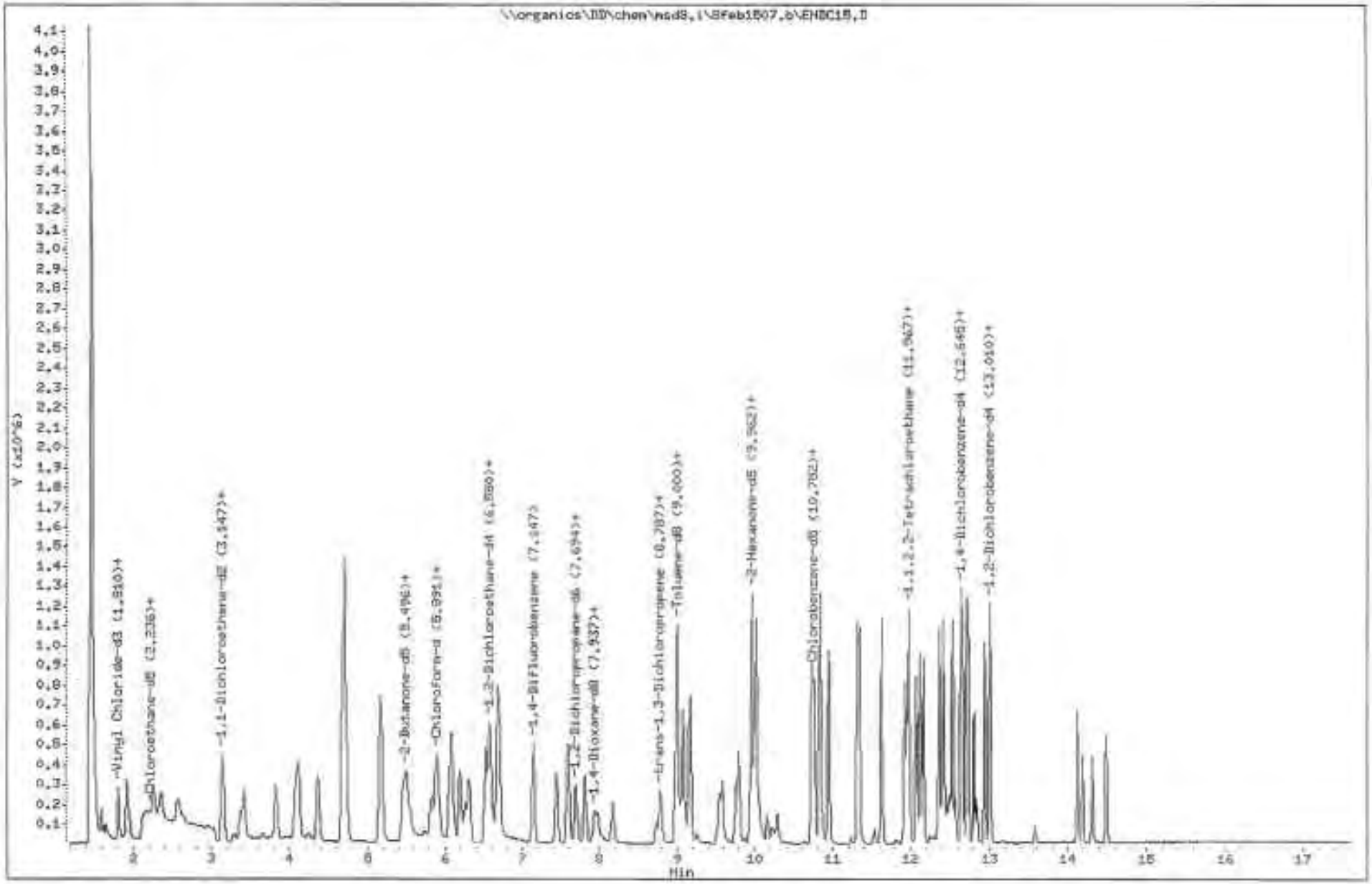
Compounds	QUANT STG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
78 tert-Butylbenzene	119	12.361	12.361	(0.972)	451517	5.00000	4.5193
79 2-Chlorotoluene	91	12.068	12.068	(0.949)	521080	5.00000	4.8788
80 4-Chlorotoluene	91	12.159	12.159	(0.956)	496483	5.00000	4.7725
81 Dibromomethane	93	7.877	7.877	(1.116)	69413	5.00000	4.4201
82 1,3-Dichloropropane	76	9.951	9.951	(0.927)	250234	5.00000	4.8518
83 2,2-Dichloropropane	77	5.455	5.455	(0.763)	318843	5.00000	3.7402
84 1,1-Dichloropropene	75	6.316	6.316	(0.884)	284844	5.00000	4.6760
85 Hexachlorobutadiene	225	14.194	14.194	(1.116)	90435	5.00000	3.8395
86 p-Isopropyltoluene	119	12.635	12.635	(0.994)	566505	5.00000	4.4788
87 Napthalene	128	14.316	14.316	(1.126)	319208	5.00000	3.8478
88 n-Propylbenzene	91	11.966	11.966	(0.941)	804510	5.00000	4.8263
89 1,1,1,2-Tetrachloroethane	131	10.943	10.943	(1.010)	120927	5.00000	4.8099
90 1,2,3-Trichloropropane	110	11.987	11.987	(1.117)	36234	5.00000	4.4830
91 Hexane	57	4.362	4.362	(0.610)	214274	5.00000	4.4220
92 Isopropanol	45	3.460	3.460	(0.484)	371033	250.000	246.1394(M)

QC Flag Legend

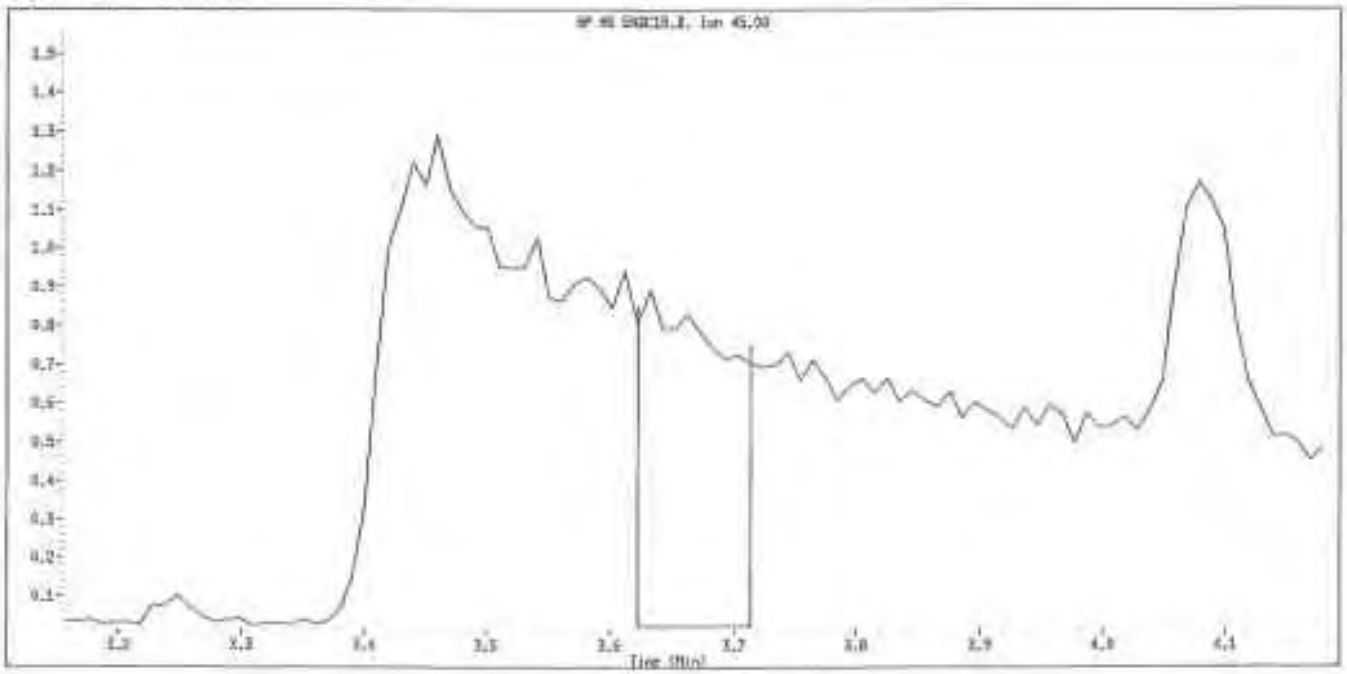
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: \\organics\DD\chem\msd8.i\8feb1507.b\ENBC15.D
Date : 15-FEB-2007 18:27
Client ID: VSTD005BE
Sample Info: 8feb1507.b,ENBC15
Purge Volume: 25.0
Column phase: DB-624

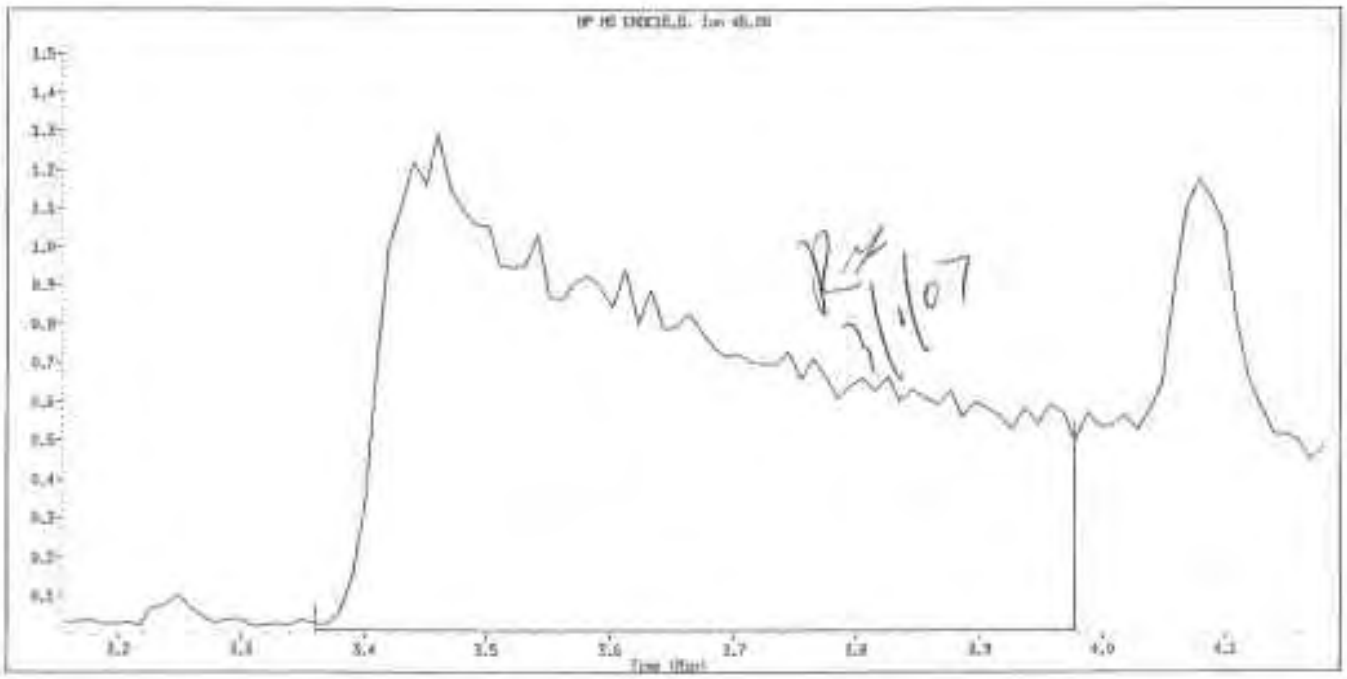
Instrument: msd8.i
Operator: DLB
Column diameter: 0.25



Data File Name: ENDC15.D
Inj. Date and Time: 15-FEB-2007 18:27
Instrument ID: msd8.i
Client ID:
Compound Name: Isopropanol
CAS #: 67-63-0
Report Date: 02/16/2007



Original Integration



Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Data File Name: ENDC15.D
Inj. Date and Time: 16-FEB-2007 18:27
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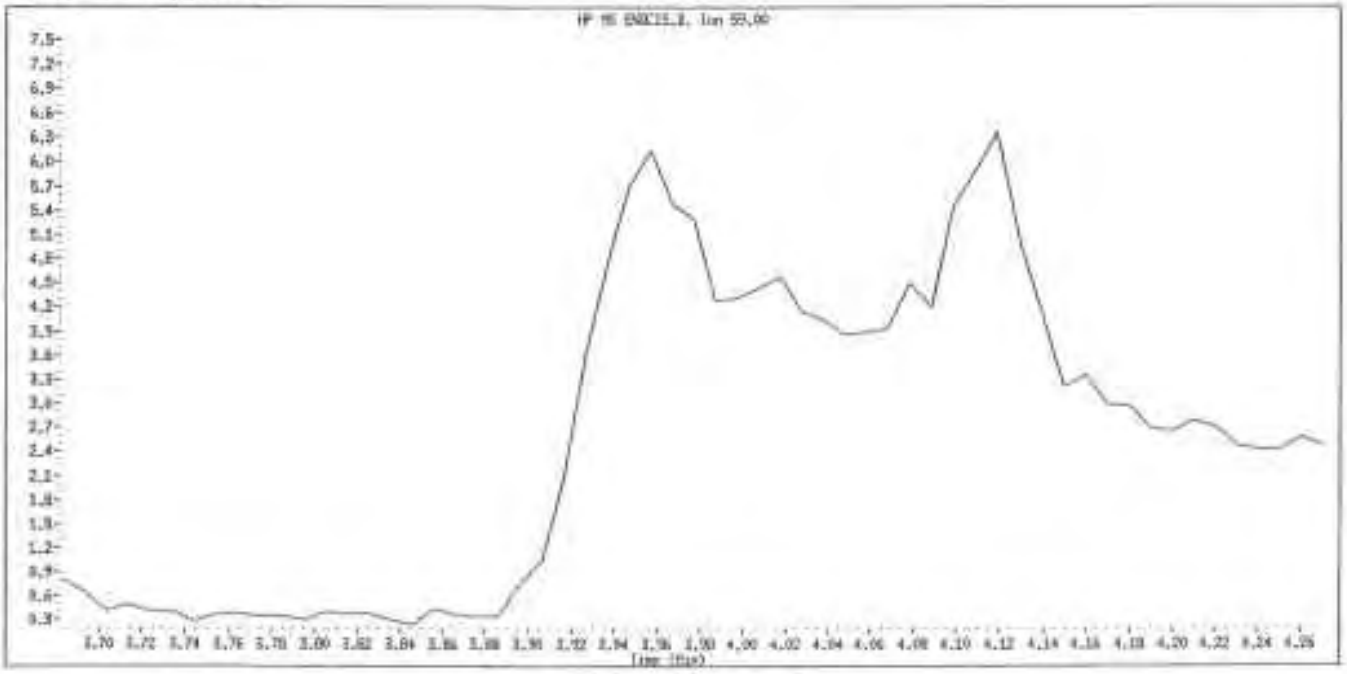
Client ID:
Compound Name: tert-butyl alcohol
CAS #: 75-65-0
Report Date: 02/16/2007



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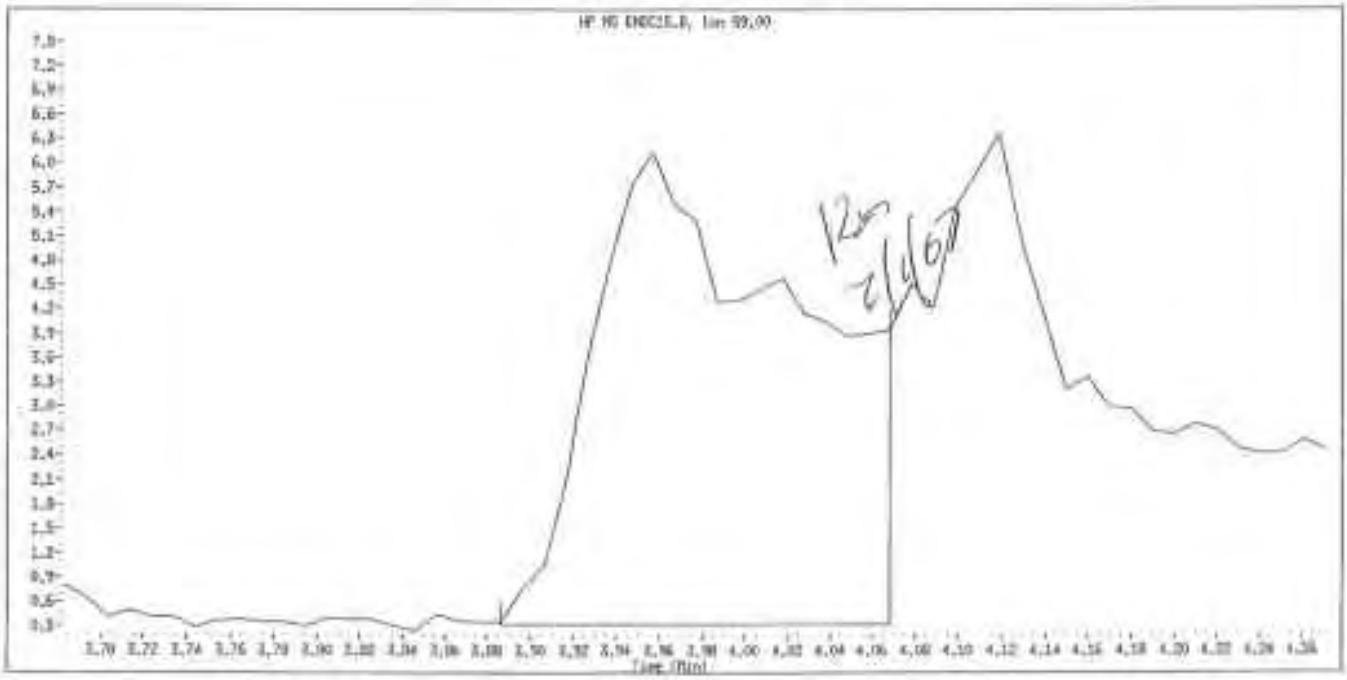
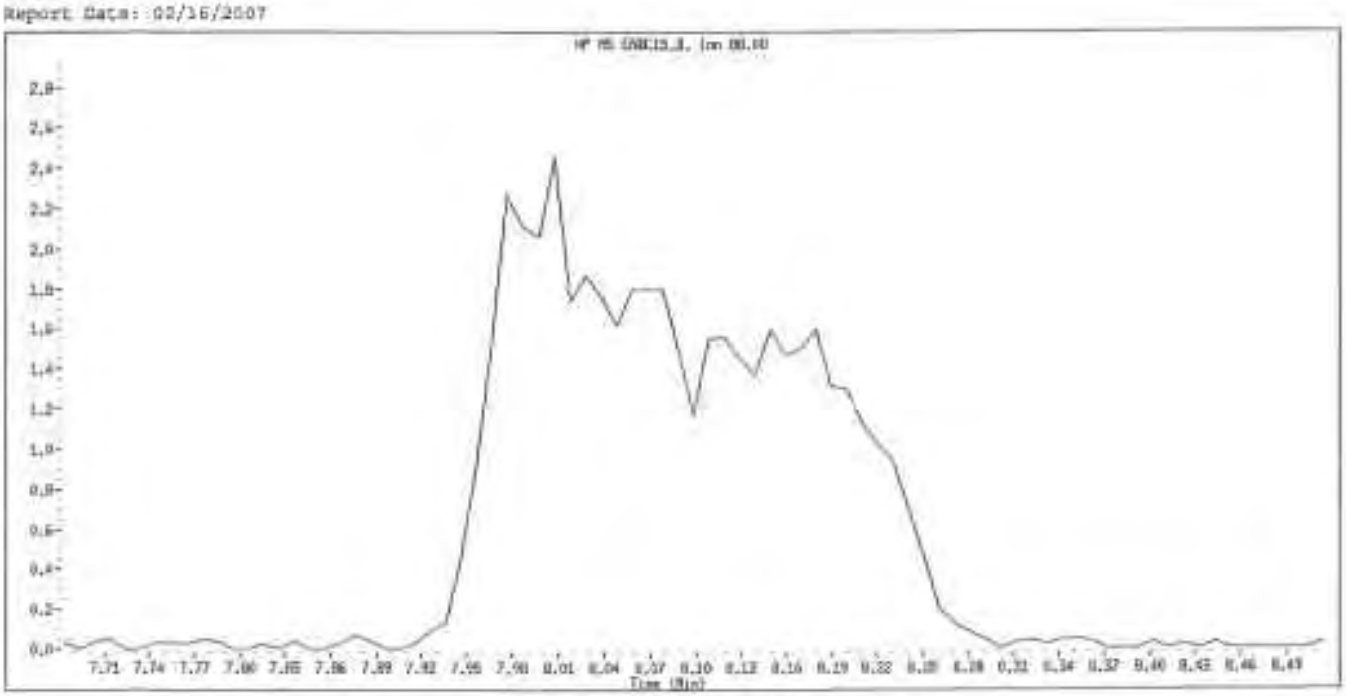


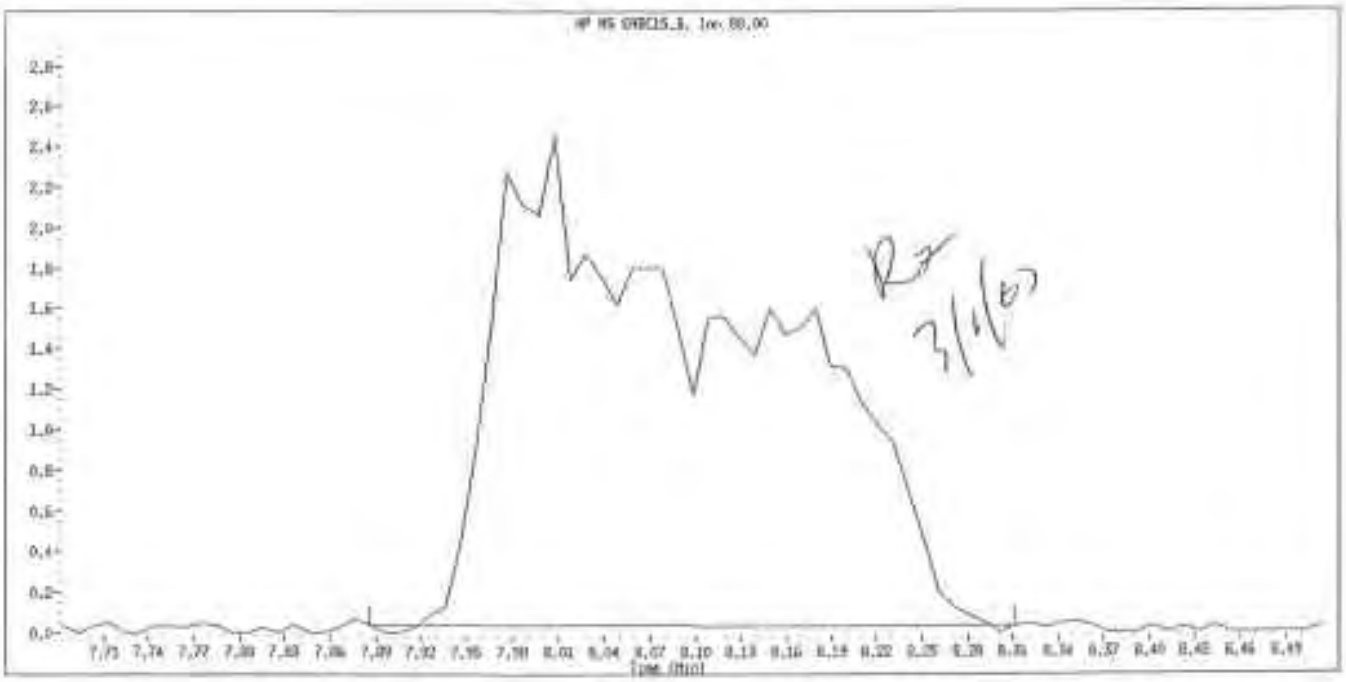
Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Data File Name: ENDC15.D
Inj. Date and Time: 15-FEB-2007 18:27
Instrument ID: ms04.i
Client ID:
Compound Name: 1,4-Dioxane
CAS #: 123-91-1
Report Date: 02/16/2007



Original Integration



Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

7A - FORM VII VOA-1
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date: 02/26/2007 Time: 0620

Lab File ID: CCV0226 Init. Calib. Date(s): 02/21/2007 02/21/2007

EPA Sample No. (VSTD#####): VSTD0052A Init. Calib. Time(s): 1528 1657

Heated Purge: (Y/N) Y GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

Purge Volume: 25.0 (mL)

COMPOUND	RRF	RRF 5.0	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.1857	0.1642	0.0100	-11.6	40.0
Chloromethane	0.5895	0.5289	0.0100	-10.3	40.0
Vinyl chloride	0.4127	0.4048	0.1000	-1.9	30.0
Bromomethane	0.2455	0.2509	0.1000	2.2	30.0
Chloroethane	0.2335	0.2564	0.0100	9.8	40.0
Trichlorofluoromethane	0.3336	0.3475	0.0100	4.2	40.0
1,1-Dichloroethene	0.2370	0.1742	0.1000	-26.5	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2432	0.2023	0.0100	-16.8	40.0
Acetone	0.0572	0.0541	0.0100	-5.4	40.0
Carbon disulfide	0.8057	0.6772	0.0100	-16.0	40.0
Methyl acetate	0.2783	0.2484	0.0100	-10.7	40.0
Methylene chloride	0.2671	0.2287	0.0100	-14.4	40.0
trans-1,2-Dichloroethene	0.2719	0.2220	0.0100	-18.3	40.0
Methyl tert-butyl ether	0.7650	0.6057	0.0100	-20.8	40.0
1,1-Dichloroethane	0.5655	0.4717	0.2000	-16.6	30.0
cis-1,2-Dichloroethene	0.3025	0.2391	0.0100	-20.9	40.0
2-Butanone	0.1185	0.1006	0.0100	-15.1	40.0
Bromochloromethane	0.1329	0.1032	0.0500	-22.4	30.0
Chloroform	0.5013	0.4041	0.2000	-19.4	30.0
1,1,1-Trichloroethane	0.3917	0.3274	0.1000	-16.4	30.0
Cyclohexane	0.5579	0.4894	0.0100	-12.3	40.0
Carbon tetrachloride	0.2889	0.2715	0.1000	-6.0	30.0
Benzene	1.2893	1.0472	0.4000	-18.8	30.0
1,2-Dichloroethane	0.3304	0.2734	0.1000	-17.2	30.0
1,4-Dioxane	0.0016	0.0012	0.0050	-23.3	50.0
Trichloroethene	0.3061	0.2432	0.3000	-20.5	30.0
Methylcyclohexane	0.4761	0.4220	0.0100	-11.4	40.0

7B - FORM VII VOA-2
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date: 02/26/2007 Time: 0620

Lab File ID: CCV0226 Init. Calib. Date(s): 02/21/2007 02/21/2007

EPA Sample No. (VSTD#####): VSTD0052A Init. Calib. Time(s): 1528 1657

Heated Purge: (Y/N) Y GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF 5.0	MIN RRF	%D	MAX %D
1,2-Dichloropropane	0.3681	0.2927	0.0100	-20.5	40.0
Bromodichloromethane	0.3263	0.2915	0.2000	-10.7	30.0
cis-1,3-Dichloropropene	0.4307	0.4017	0.2000	-6.7	30.0
4-Methyl-2-pentanone	0.3335	0.3171	0.0100	-4.9	40.0
Toluene	1.3377	1.0634	0.4000	-20.5	30.0
trans-1,3-Dichloropropene	0.3476	0.3414	0.1000	-1.8	30.0
1,1,2-Trichloroethane	0.2316	0.1855	0.1000	-19.9	30.0
Tetrachloroethene	0.2427	0.1953	0.1000	-19.6	30.0
2-Hexanone	0.2393	0.2372	0.0100	-0.9	40.0
Dibromochloromethane	0.1767	0.1804	0.1000	2.1	30.0
1,2-Dibromoethane	0.2276	0.1844	0.0100	-19.0	40.0
Chlorobenzene	0.8587	0.6786	0.5000	-21.0	30.0
Ethylbenzene	1.4725	1.1876	0.1000	-19.4	30.0
o-Xylene	0.5460	0.4494	0.3000	-17.7	30.0
m,p-Xylene	0.5497	0.4479	0.3000	-18.5	30.0
Styrene	0.8411	0.7541	0.3000	-10.3	30.0
Bromoform	0.1431	0.1777	0.0500	24.2	30.0
Isopropylbenzene	1.3741	1.1010	0.0100	-19.9	40.0
1,1,2,2-Tetrachloroethane	0.3100	0.2735	0.1000	-11.8	30.0
1,3-Dichlorobenzene	1.3767	1.0783	0.4000	-21.7	30.0
1,4-Dichlorobenzene	1.4190	1.1248	0.4000	-20.7	30.0
1,2-Dichlorobenzene	1.2886	1.0081	0.4000	-21.8	30.0
1,2-Dibromo-3-chloropropane	0.0819	0.0771	0.0100	-5.9	40.0
1,2,4-Trichlorobenzene	0.9086	0.7222	0.2000	-20.5	30.0
1,2,3-Trichlorobenzene	0.7811	0.6349	0.2000	-18.7	30.0

7C - FORM VII VOA-3 MODIFIED
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 38127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date: 02/26/2007 Time: 0620

Lab File ID: CCV0226 Init. Calib. Date(s): 02/21/2007 02/21/2007

EPA Sample No. (VSTD#####): VSTD0052A Init. Calib. Time(s): 1528 1657

Heated Purge: (Y/N) Y GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF 5.0	MIN RRF	%D	MAX %D
Vinyl Chloride-d3	0.2654	0.2550	0.0100	-3.9	30.0
Chloroethane-d5	0.2278	0.2421	0.0100	6.3	40.0
1,1-Dichloroethene-d2	0.5509	0.4382	0.0100	-20.5	30.0
2-Butanone-d5	0.1168	0.1058	0.0100	-9.4	40.0
Chloroform-d	0.5210	0.4288	0.0100	-17.7	30.0
1,2-Dichloroethane-d4	0.2885	0.2478	0.0100	-14.1	30.0
Benzene-d6	1.2339	0.9802	0.0100	-20.6	30.0
1,2-Dichloropropane-d6	0.4260	0.3351	0.0100	-21.3	40.0
Toluene-d8	1.1294	0.9061	0.0100	-19.8	30.0
trans-1,3-Dichloropropene-d4	0.0959	0.0938	0.0100	-2.2	30.0
2-Hexanone-d5	0.1143	0.1122	0.0100	-1.8	40.0
1,4-Dioxane-d8	0.0012	0.0008	0.0050	-36.6	50.0
1,1,2,2-Tetrachloroethane-d2	0.3230	0.2859	0.0100	-11.5	30.0
1,2-Dichlorobenzene-d4	0.8408	0.6551	0.0100	-22.1	30.0
tertiary butyl alcohol	0.0159	0.0207	0.0100	30.4	50.0

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb2607.b\CCV0226.D
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Inj Date : 26-FEB-2007 06:20
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Smp Info : 8feb2607.b,CCV0226
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb2607.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:19 msd8.i Quant Type: ISTD
Cal Date : 21-FEB-2007 15:28 Cal File: ICL02215A.D
Als bottle: 62 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ORGANICS-RX

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIO MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	CD-CCL (ug/L)
	1 Dichlorodifluoromethane	85	1.648	1.648	(0.231)	75783	5.00000	4.4216
	2 Chloromethane	50	1.820	1.820	(0.256)	243961	5.00000	4.4857
S	3 Vinyl Chloride-d3	65	1.931	1.931	(0.270)	117833	5.00000	4.8069
	4 Vinyl Chloride	62	1.941	1.941	(0.272)	186713	5.00000	4.9048
	5 Bromomethane	94	2.265	2.265	(0.317)	115700	5.00000	5.1296
S	6 Chloroethane-d5	69	2.330	2.330	(0.327)	111660	5.00000	5.3142
	7 Chloroethane	64	2.357	2.357	(0.330)	128273	5.00000	5.4515
	8 Trichlorofluoromethane	101	2.559	2.559	(0.358)	140292	5.00000	5.3063
S	9 1,1-Dichloroethene-d2	63	3.126	3.126	(0.437)	202133	5.00000	3.9773
	10 1,1,2-Trichloro-1,2,2-trifluo	101	3.116	3.116	(0.436)	86326	5.00000	4.1606
	11 1,1-DiChloroethene	96	3.146	3.146	(0.440)	80368	5.00000	3.6764
	12 Acetone	43	3.288	3.288	(0.460)	389419	50.0000	47.2832
	13 Carbon Disulfide	76	3.410	3.410	(0.477)	312348	5.00000	4.3001
	14 Methyl Acetate	43	3.693	3.693	(0.511)	114597	5.00000	4.4635
	15 Methylene Chloride	84	3.815	3.815	(0.534)	108509	5.00000	4.2821
	16 Methyl tert-Butyl Ether	73	4.078	4.078	(0.571)	279399	5.00000	3.9586
	17 trans-1,2-Dichloroethene	96	4.108	4.108	(0.575)	102417	5.00000	4.0826
	18 1,1-Dichloroethane	63	4.716	4.716	(0.660)	217985	5.00000	4.1703
S	19 2-Butanone-d5	46	5.465	5.465	(0.763)	488185	50.0000	49.3067
	20 cis-1,2-Dichloroethene	96	5.496	5.496	(0.769)	110301	5.00000	3.9529
	21 2-Butanone	43	5.536	5.536	(0.775)	403998	50.0000	42.4398
	22 Bromochloromethane	128	5.832	5.832	(0.814)	47573	5.00000	3.8815
S	23 Chloroform-d	84	5.880	5.880	(0.823)	197781	5.00000	4.1149

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24	Chloroform	83	5.901	5.901	(0.836)	186393	5.00000	4.0305
	25	1,1,1-Trichloroethane	97	6.093	6.093	(0.568)	140516	5.00000	4.1749
	26	Cyclohexane	56	6.063	6.063	(0.565)	210029	5.00000	4.3958
	27	Carbon Tetrachloride	117	6.255	6.255	(0.583)	116508	5.00000	4.6983
S	28	1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	114305	5.00000	4.2846
S	29	Benzene-d6	84	6.518	6.518	(0.607)	420712	5.00000	3.9720
	30	Benzene	78	6.579	6.579	(0.613)	449431	5.00000	4.0820
	31	1,2-Dichloroethane	62	6.701	6.701	(0.938)	136112	5.00000	4.1378
*	32	1,4-Difluorobenzene	114	7.146	7.146	(1.000)	661268	5.00000	
	33	Trichloroethene	95	7.440	7.440	(0.693)	104301	5.00000	3.9733
S	34	1,2-Dichloropropane-d6	67	7.683	7.683	(0.716)	143841	5.00000	3.8333
	35	Methylcyclohexane	83	7.592	7.592	(0.707)	181329	5.00000	4.4317
	36	1,2-Dichloropropane	63	7.804	7.804	(0.727)	125607	5.00000	3.9758
	37	Bromodichloromethane	83	8.169	8.169	(0.761)	129101	5.00000	4.4667
	38	1,4-Dioxane	88	8.007	8.007	(1.120)	38694	250.000	191.5681(M)
S	39	1,4-Dioxane-d8	96	7.956	7.956	(1.113)	17414	250.000	188.6003(Q)
S	40	trans-1,3-Dichloropropene-d4	79	9.505	9.505	(0.886)	40251	5.00000	4.8902
	41	cis-1,3-Dichloropropene	75	8.797	8.797	(0.819)	172419	5.00000	4.5632
	42	4-Methyl-2-pentanone	43	8.969	8.969	(0.836)	1360830	50.0000	47.5309
S	43	Toluene-d8	98	9.070	9.070	(0.845)	388909	5.00000	4.0116
	44	Toluene	91	9.161	9.161	(0.854)	456389	5.00000	3.9748
	45	trans-1,3-Dichloropropene	75	9.546	9.546	(0.890)	146535	5.00000	4.9113
	46	1,1,2-Trichloroethane	97	9.759	9.759	(0.909)	79623	5.00000	4.0857
	47	Tetrachloroethene	164	9.799	9.799	(0.913)	83804	5.00000	4.0224
S	48	2-Hexanone-d5	63	9.961	9.961	(0.928)	481478	50.0000	49.0815
	49	2-Hexanone	43	10.012	10.012	(0.933)	1010120	50.0000	49.5709
	50	Dibromochloromethane	129	10.154	10.154	(0.946)	77447	5.00000	5.1065
	51	1,2-Dibromoethane	107	10.285	10.286	(0.958)	79139	5.00000	4.0516
*	52	Chlorobenzene-d5	117	10.731	10.731	(1.000)	429191	5.00000	
	53	Chlorobenzene	112	10.791	10.791	(1.302)	391270	5.00000	3.9315
	54	Ethylbenzene	91	10.832	10.832	(1.306)	909488	5.00000	4.0394
	55	m-p-Xylenes	106	10.944	10.944	(1.320)	193244	5.00000	4.0745
	56	o-Xylene	106	11.308	11.308	(1.054)	192883	5.00000	4.1151
	57	Styrene	104	11.339	11.339	(1.057)	323672	5.00000	4.4831
	58	Bromoform	173	11.531	11.531	(0.907)	39469	5.00000	4.2081
	59	Isopropylbenzene	105	11.622	11.622	(1.083)	472535	5.00000	4.0061
S	60	1,1,2,2-Tetrachloroethane-d2	84	11.816	11.816	(1.110)	122690	5.00000	4.4251
	61	1,1,2,2-Tetrachloroethane	83	11.936	11.936	(1.112)	117180	5.00000	4.4114
	62	1,3-Dichlorobenzene	146	12.655	12.655	(0.996)	238562	5.00000	3.9165
*	63	1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	222249	5.00000	
	64	1,4-Dichlorobenzene	146	12.736	12.736	(1.001)	249987	5.00000	3.9833
S	65	1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	145598	5.00000	3.8955
	66	1,2-Dichlorobenzene	146	13.009	13.009	(1.023)	224019	5.00000	3.9118
	67	1,2-Dibromo-3-chloropropane	75	13.576	13.576	(1.068)	17133	5.00000	4.4066
	68	1,2,4-Trichlorobenzene	180	14.123	14.123	(1.111)	180002	5.00000	3.9739
	69	1,2,3-Trichlorobenzene	180	14.488	14.488	(1.139)	141113	5.00000	4.0645
	70	1,2,4-Trimethylbenzene	105	12.412	12.412	(1.727)	838316	5.00000	4.1631
	71	1,3,5-Trimethylbenzene	105	12.108	12.108	(1.684)	406071	5.00000	4.1940
	72	tert-butyl alcohol	59	6.680	6.680	(0.935)	55858	50.0000	65.1983
	73	tert-amyl methyl ether	73	6.680	6.680	(0.935)	682766	50.0000	40.8836
	74	Ethyl tert-butyl ether	59	5.162	5.162	(0.722)	739266	50.0000	39.9297
	75	Bromobenzene	77	11.916	11.916	(1.110)	208928	5.00000	4.1523
	76	n-Butylbenzene	91	12.938	12.938	(1.618)	481708	5.00000	4.0731
	77	sec-Butylbenzene	105	12.633	12.633	(0.986)	539357	5.00000	4.0135

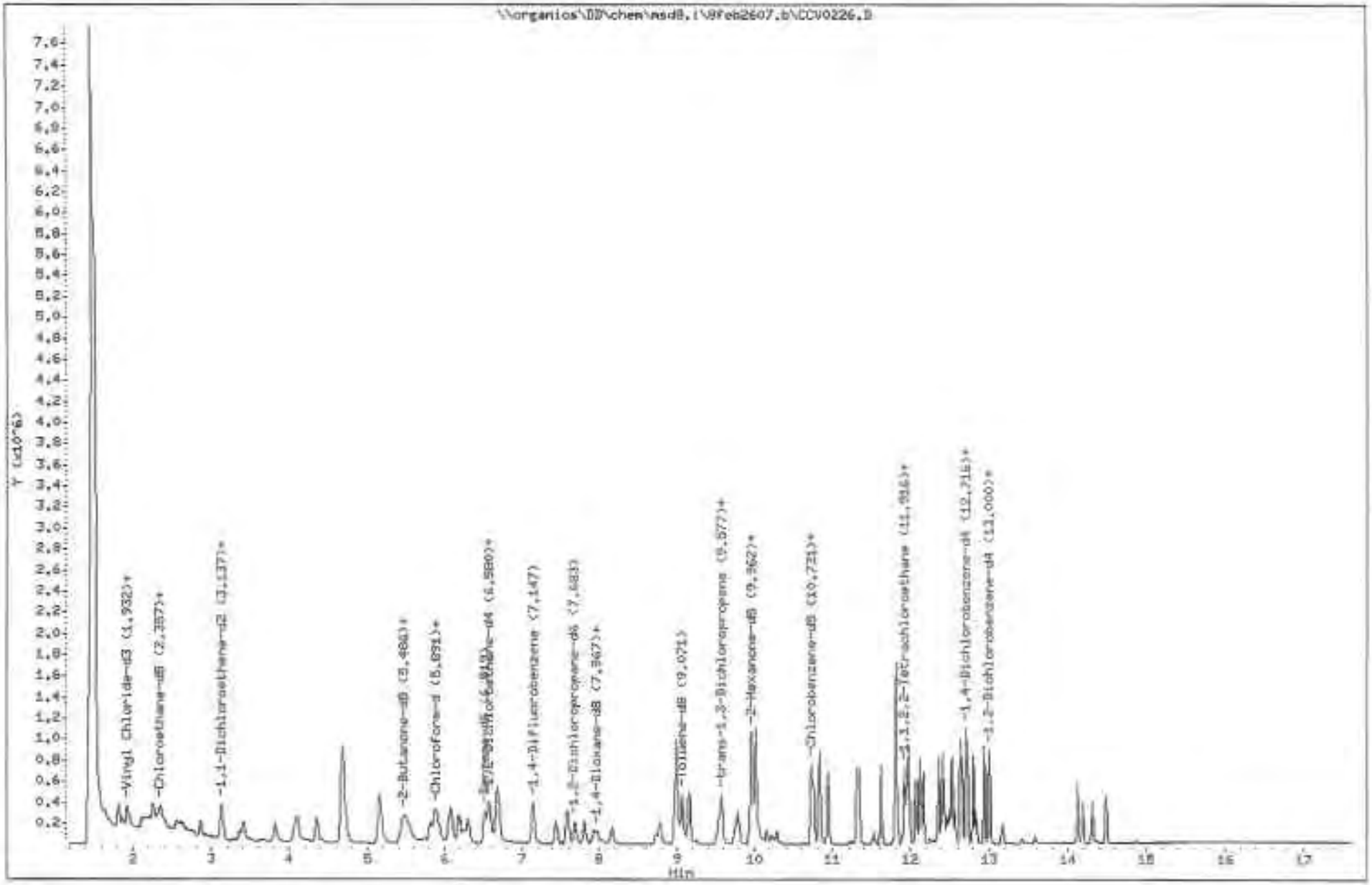
Compounds	QUANT STD MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
78 tert-Butylbenzene	119	13.361	13.361	(0.972)	354280	5.00000	3.8595
79 2-Chlorotoluene	91	12.057	12.057	(0.948)	351145	5.00000	3.5367
80 4-Chlorotoluene	91	12.159	12.159	(0.956)	371841	5.00000	3.9060
81 Dibromomethane	93	7.866	7.866	(1.115)	56357	5.00000	4.1112
82 1,3-Dichloropropane	76	9.951	9.951	(0.927)	193944	5.00000	4.1465
83 2,2-Dichloropropane	77	5.445	5.445	(0.762)	197533	5.00000	4.1498
84 1,1-Dichloropropene	75	6.306	6.306	(0.882)	147047	5.00000	4.1130
85 Hexachlorobutadiene	225	14.194	14.194	(1.116)	80823	5.00000	4.2431
86 p-Isopropyltoluene	119	12.635	12.635	(0.994)	457548	5.00000	4.0351
87 Naphthalene	128	14.316	14.316	(1.126)	317712	5.00000	4.1477
88 n-Propylbenzene	91	11.966	11.966	(0.941)	614959	5.00000	4.0701
89 1,1,1,2-Tetrachloroethane	131	10.842	10.842	(1.910)	92983	5.00000	4.1850
90 1,2,3-Trichloropropane	110	11.987	11.987	(1.117)	28874	5.00000	4.1389
91 Hexane	57	4.351	4.351	(0.609)	141952	5.00000	4.4762
92 Isopropanol	45	3.460	3.460	(0.484)	253947	250.000	193.6994 (M)

QC Flag Legend

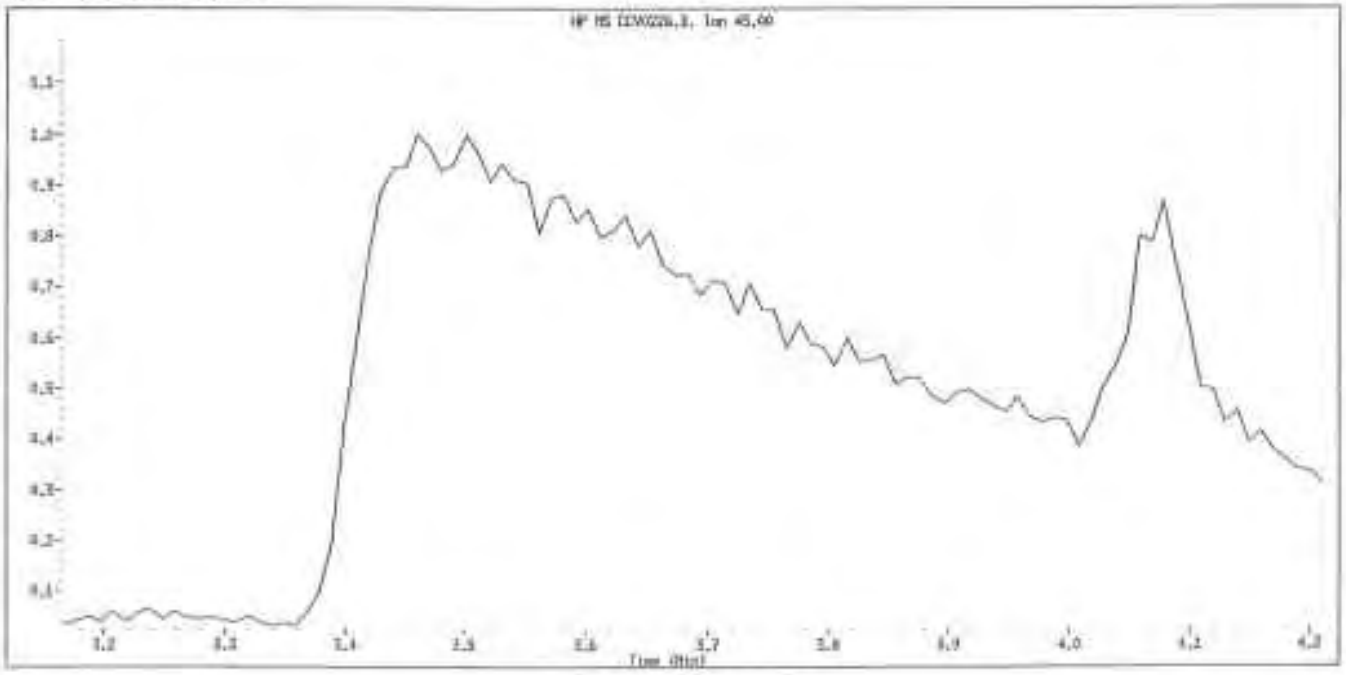
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: \\organics\DD\chem\msd8.i\8Feb2607.b\CCV0226.D
Date : 26-FEB-2007 06:20
Client ID: VSTD00820
Sample Info: 8Feb2607.b,CCV0226
Purge Volume: 25.0
Column phase: DB-624

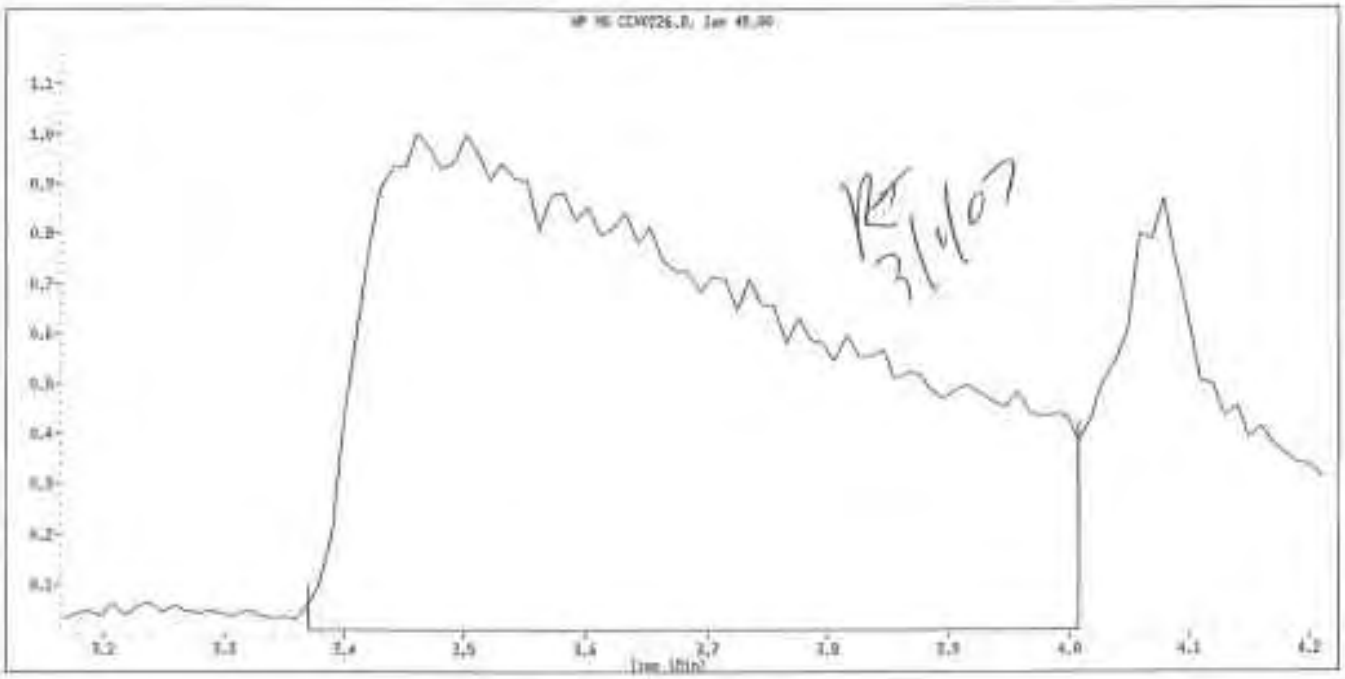
Instrument: msd8.i
Operator: RLB
Column diameter: 0.25



Data File Name: CCV0226.D
Inj. Date and Time: 26-FEB-2007 06:20
Instrument ID: gcms3.i
Client ID:
Compound Name: Isopropanol
CAS #: 67-63-0
Report Date: 02/26/2007



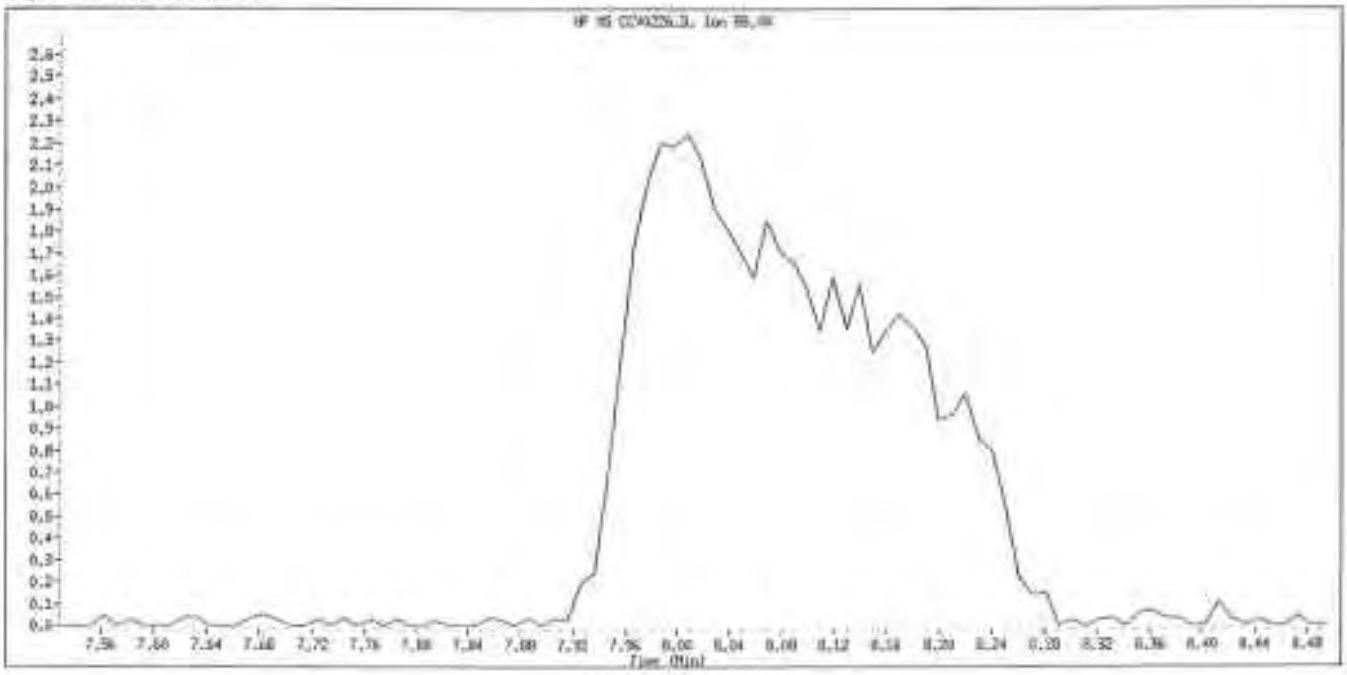
Original Integration



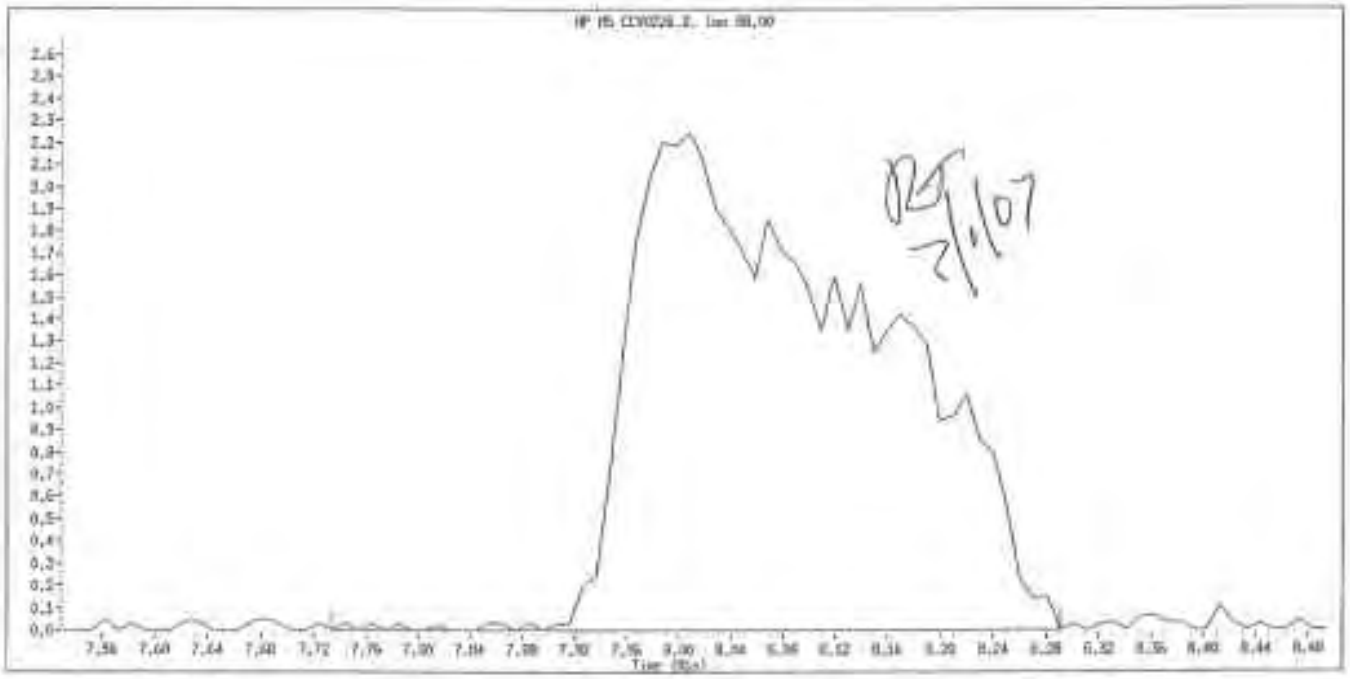
Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Data File Name: CCV0226.D
Inj. Date and Time: 26-FEB-2007 08:36
Instrument ID: msd8.i
Client ID:
Compound Name: 1,4-Dioxane
CAS #: 123-91-1
Report Date: 02/26/2007



Original Integration



Manual Integration

Manually Integrated By: BLB
Manual Integration Reason: Unknown

7A - FORM VII VOA-1
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date: 02/26/2007 Time: 1254

Lab File ID: ENDA Init. Calib. Date(s): 02/21/2007 02/21/2007

EPA Sample No. (VSTD#####): VSTD005A2 Init. Calib. Time(s): 1528 1657

Heated Purge: (Y/N) Y GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF 5.0	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.1857	0.1443	0.0100	-22.3	50.0
Chloromethane	0.5895	0.4005	0.0100	-32.1	50.0
Vinyl chloride	0.4127	0.3227	0.0100	-21.8	50.0
Bromomethane	0.2455	0.1974	0.0100	-19.6	50.0
Chloroethane	0.2335	0.1889	0.0100	-19.1	50.0
Trichlorofluoromethane	0.3336	0.2556	0.0100	-23.4	50.0
1,1-Dichloroethene	0.2370	0.1936	0.0100	-18.3	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2432	0.1958	0.0100	-19.5	50.0
Acetone	0.0572	0.0467	0.0100	-18.4	50.0
Carbon disulfide	0.8057	0.5776	0.0100	-28.3	50.0
Methyl acetate	0.2783	0.2214	0.0100	-20.5	50.0
Methylene chloride	0.2671	0.2584	0.0100	-3.2	50.0
trans-1,2-Dichloroethene	0.2719	0.2310	0.0100	-15.0	50.0
Methyl tert-butyl ether	0.7650	0.6767	0.0100	-11.5	50.0
1,1-Dichloroethane	0.5655	0.5278	0.0100	-6.7	50.0
cis-1,2-Dichloroethene	0.3025	0.2846	0.0100	-5.9	50.0
2-Butanone	0.1185	0.1107	0.0100	-6.6	50.0
Bromochloromethane	0.1329	0.1175	0.0100	-11.6	50.0
Chloroform	0.5013	0.4517	0.0100	-9.9	50.0
1,1,1-Trichloroethane	0.3917	0.3668	0.0100	-6.4	50.0
Cyclohexane	0.5579	0.5727	0.0100	2.7	50.0
Carbon tetrachloride	0.2889	0.2867	0.0100	-0.8	50.0
Benzene	1.2893	1.2147	0.0100	-5.8	50.0
1,2-Dichloroethane	0.3304	0.2987	0.0100	-9.6	50.0
1,4-Dioxane	0.0016	0.0012	0.0050	-26.3	50.0
Trichloroethene	0.3061	0.2809	0.0100	-8.2	50.0
Methylcyclohexane	0.4761	0.4658	0.0100	-2.2	50.0

7B - FORM VII VOA-2
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date: 02/26/2007 Time: 1254

Lab File ID: ENDA Init. Calib. Date(s): 02/21/2007 02/21/2007

EPA Sample No. (VSTD#####): VSTD005A2 Init. Calib. Time(s): 1528 1657

Heated Purge: (Y/N) Y GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

Purge Volume: 25.0 (mL)

COMPOUND	RRF	RRF 5.0	MIN RRF	%D	MAX %D
1,2-Dichloropropane	0.3681	0.3474	0.0100	-5.6	50.0
Bromodichloromethane	0.3263	0.3174	0.0100	-2.7	50.0
cis-1,3-Dichloropropene	0.4307	0.4110	0.0100	-4.6	50.0
4-Methyl-2-pentanone	0.3335	0.3232	0.0100	-3.1	50.0
Toluene	1.3377	1.2614	0.0100	-5.7	50.0
trans-1,3-Dichloropropene	0.3476	0.3359	0.0100	-3.4	50.0
1,1,2-Trichloroethane	0.2316	0.2205	0.0100	-4.8	50.0
Tetrachloroethene	0.2427	0.2293	0.0100	-5.5	50.0
2-Hexanone	0.2393	0.2326	0.0100	-2.8	50.0
Dibromochloromethane	0.1767	0.1758	0.0100	-0.5	50.0
1,2-Dibromoethane	0.2276	0.2169	0.0100	-4.7	50.0
Chlorobenzene	0.8587	0.7871	0.0100	-8.3	50.0
Ethylbenzene	1.4725	1.3702	0.0100	-7.0	50.0
o-Xylene	0.5460	0.5078	0.0100	-7.0	50.0
m,p-Xylene	0.5497	0.5142	0.0100	-6.5	50.0
Styrene	0.8411	0.8363	0.0100	-0.6	50.0
Bromoform	0.1431	0.1593	0.0100	11.3	50.0
Isopropylbenzene	1.3741	1.2539	0.0100	-8.7	50.0
1,1,2,2-Tetrachloroethane	0.3100	0.2978	0.0100	-3.9	50.0
1,3-Dichlorobenzene	1.3767	1.2706	0.0100	-7.7	50.0
1,4-Dichlorobenzene	1.4190	1.3035	0.0100	-8.1	50.0
1,2-Dichlorobenzene	1.2886	1.1740	0.0100	-8.9	50.0
1,2-Dibromo-3-chloropropane	0.0819	0.0787	0.0100	-3.9	50.0
1,2,4-Trichlorobenzene	0.9086	0.8142	0.0100	-10.4	50.0
1,2,3-Trichlorobenzene	0.7811	0.7333	0.0100	-6.1	50.0

7C - FORM VII VOA-3 MODIFIED
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Instrument ID: MSD8 Calibration Date: 02/26/2007 Time: 1254

Lab File ID: ENDA Init. Calib. Date(s): 02/21/2007 02/21/2007

EPA Sample No. (VSTD#####): VSTD005A2 Init. Calib. Time(s): 1528 1657

Heated Purge: (Y/N) Y GC Column: DB-624 ID: 0.25 (mm) Length: 30.0 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF 5.0	MIN RRF	%D	MAX %D
Vinyl Chloride-d3	0.2654	0.2060	0.0100	-22.4	50.0
Chloroethane-d5	0.2278	0.1887	0.0100	-17.1	50.0
1,1-Dichloroethene-d2	0.5509	0.4478	0.0100	-18.7	50.0
2-Butanone-d5	0.1168	0.1048	0.0100	-10.2	50.0
Chloroform-d	0.5210	0.4823	0.0100	-7.4	50.0
1,2-Dichloroethane-d4	0.2885	0.2665	0.0100	-7.6	50.0
Benzene-d6	1.2339	1.1781	0.0100	-4.5	50.0
1,2-Dichloropropane-d6	0.4260	0.4095	0.0100	-3.9	50.0
Toluene-d8	1.1294	1.0523	0.0100	-6.8	50.0
trans-1,3-Dichloropropene-d4	0.0959	0.0941	0.0100	-1.9	50.0
2-Hexanone-d5	0.1143	0.1131	0.0100	-1.0	50.0
1,4-Dioxane-d8	0.0012	0.0009	0.0050	-23.3	50.0
1,1,2,2-Tetrachloroethane-d2	0.3230	0.3096	0.0100	-4.1	50.0
1,2-Dichlorobenzene-d4	0.8408	0.7792	0.0100	-7.3	50.0
tertiary butyl alcohol	0.0159	0.0097	0.0100	-30.1	50.0

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb2607.b\ENDA.D
Lab Smp Id: VSTD005A2 Client Smp ID: VSTD005A2
Inj Date : 26-FEB-2007 12:54
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb2607.b, END
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb2607.b\TRACE1359E.m
Meth Date : 01-Mar-2007 08:19 msd8.i Quant Type: ISTD
Cal Date : 21-FEB-2007 16:57 Cal File: ICL02211A.D
Als bottle: 70 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ng/L)
	1	Dichlorodifluoromethane	85	1.648	1.648	(0.231)	205163	5.00000	3.9858
	2	Chloromethane	50	1.820	1.820	(0.255)	291787	5.00000	4.3568
S	3	Vinyl-Chloride-d3	65	1.931	1.931	(0.270)	159047	5.00000	3.8804
	4	Vinyl Chloride	62	1.931	1.931	(0.270)	236118	5.00000	3.9103
	5	Bromomethane	94	2.285	2.285	(0.316)	243821	5.00000	4.0206
S	6	Chloroethane-d5	69	2.336	2.336	(0.327)	217511	5.00000	4.1438
	7	Chloroethane	64	2.367	2.367	(0.331)	237697	5.00000	4.0449
	8	Trichlorofluoromethane	101	2.559	2.559	(0.358)	186186	5.00000	3.8303
S	9	1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	324259	5.00000	4.0644
	10	1,1,2-Trichloro-1,2,2-trifluo	101	3.136	3.136	(0.439)	142650	5.00000	4.0352
	11	1,1-Dichloroethene	96	3.148	3.146	(0.440)	141017	5.00000	4.0842
	12	Acetone	43	3.298	3.298	(0.462)	348087	50.0000	40.8239
	13	Carbon Disulfide	76	3.420	3.420	(0.479)	420793	5.00000	3.5841
	14	Methyl Acetate	43	3.663	3.663	(0.513)	161096	5.00000	3.9771
	15	Methylene Chloride	84	3.825	3.825	(0.535)	168279	5.00000	4.0380
	16	Methyl tert-Butyl Ether	73	4.078	4.078	(0.571)	433013	5.00000	4.4227
	17	trans-1,2-Dichloroethene	96	4.119	4.119	(0.576)	168263	5.00000	4.2478
	18	1,1-Dichloroethane	63	4.726	4.726	(0.662)	384549	5.00000	4.8665
S	19	2-Butanone-d5	48	5.465	5.465	(0.765)	763938	50.0000	44.9802
	20	cis-1,2-Dichloroethene	96	5.496	5.496	(0.769)	327372	5.00000	4.7053
	21	2-Butanone	43	5.546	5.546	(0.776)	804286	50.0000	46.2918
	22	Bromochloromethane	128	5.620	5.620	(0.814)	85597	5.00000	4.4198
S	23	Chloroform-d	84	5.861	5.861	(0.823)	351348	5.00000	4.6391

		Compounds	CONST SIZ MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24	Chloroform	83	6.911	6.911	(0.827)	328111	5.00000	4.5058
	25	1,1,1-Trichloroethane	97	6.093	6.093	(0.568)	244785	5.00000	4.6823
	26	Cyclohexane	56	6.073	6.073	(0.966)	382181	5.00000	5.1330
	27	Carbon Tetrachloride	117	6.255	6.255	(0.583)	191287	5.00000	4.9617
S	28	1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	194142	5.00000	4.6181
S	29	Benzene-d6	84	6.539	6.539	(0.606)	786155	5.00000	4.7739
	30	Benzene	78	6.579	6.579	(0.613)	810587	5.00000	4.7109
	31	1,2-Dichloroethane	62	6.711	6.711	(0.939)	217595	5.00000	4.5200
*	32	1,4-Difluorobenzene	114	7.146	7.146	(1.000)	728552	5.00000	
	33	Trichloroethene	95	7.440	7.440	(0.693)	187448	5.00000	4.5898
S	34	1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	233258	5.00000	4.8060
	35	Methylcyclohexane	83	7.592	7.592	(0.707)	310424	5.00000	4.8913
	36	1,2-Dichloropropane	63	7.816	7.816	(0.728)	231795	5.00000	4.7181
	37	Bromodichloromethane	83	8.169	8.169	(0.761)	211630	5.00000	4.6646
	38	1,4-Dioxane	88	7.987	7.987	(1.118)	61803	250.000	184.1915
S	39	1,4-Dioxane-d8	96	7.956	7.956	(1.113)	33244	250.000	191.6952 (Q)
S	40	trans-1,3-Dichloropropene-d4	78	9.516	9.516	(0.887)	62793	5.00000	4.9067
	41	cis-1,3-Dichloropropene	75	8.787	8.787	(0.819)	274269	5.00000	4.7710
	42	4-Methyl-2-pentanone	43	8.999	8.999	(0.839)	2156686	50.0000	48.4469
S	43	Toluene-d8	98	9.080	9.080	(0.846)	702178	5.00000	4.6584 (M)
	44	Toluene	91	9.161	9.161	(0.854)	841757	5.00000	4.7148
	45	trans-1,3-Dichloropropene	75	9.546	9.546	(0.890)	224118	5.00000	4.8312
	46	1,1,2-Trichloroethane	97	9.759	9.759	(0.909)	147117	5.00000	4.7603
	47	Tetrachloroethene	164	9.799	9.799	(0.913)	182989	5.00000	4.7230
S	48	2-Hexanone-d5	63	9.961	9.961	(0.928)	754686	50.0000	48.4831
	49	2-Hexanone	43	10.012	10.012	(0.933)	1951816	50.0000	48.5958
	50	Dibromochloromethane	129	10.166	10.166	(0.947)	217338	5.00000	4.9761
	51	1,2-Dibromoethane	107	10.296	10.296	(0.959)	144739	5.00000	4.7660
*	52	Chlorobenzene-d5	117	10.731	10.731	(1.000)	667297	5.00000	
	53	Chlorobenzene	112	10.761	10.761	(1.003)	525200	5.00000	4.5838
	54	Ethylbenzene	91	10.832	10.832	(1.009)	914297	5.00000	4.6524
	55	m+p-Xylenes	106	10.944	10.944	(1.020)	583122	5.00000	4.5774
	56	o-Xylene	106	11.318	11.318	(1.055)	338872	5.00000	4.6500
	57	Styrene	104	11.339	11.339	(1.057)	558093	5.00000	4.9718
	58	Bromoform	173	11.531	11.531	(0.907)	51870	5.00000	5.5061
	59	Isopropylbenzene	105	11.622	11.622	(1.083)	836725	5.00000	4.5625
S	60	1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	306606	5.00000	4.7927
	61	1,1,2,2-Tetrachloroethane	83	11.936	11.936	(1.112)	598691	5.00000	4.8029
	62	1,3-Dichlorobenzene	146	12.655	12.655	(0.995)	412129	5.00000	4.6143
*	63	1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	324346	5.00000	
	64	1,4-Dichlorobenzene	146	12.726	12.726	(1.001)	402779	5.00000	4.5029
S	65	1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	302734	5.00000	4.6316
	66	1,2-Dichlorobenzene	146	13.009	13.009	(1.023)	380768	5.00000	4.5552
	67	1,2-Dibromo-3-chloropropane	75	13.587	13.587	(1.068)	25538	5.00000	4.8072
	68	1,2,4-Trichlorobenzene	180	14.123	14.123	(1.111)	264071	5.00000	4.4801
	69	1,2,3-Trichlorobenzene	180	14.488	14.488	(1.139)	237859	5.00000	4.8945
	70	1,2,4-Trimethylbenzene	105	12.412	12.412	(1.737)	697343	5.00000	4.5839
	71	1,3,5-Trimethylbenzene	105	12.108	12.108	(1.694)	695926	5.00000	4.5799
	72	tert-butyl alcohol	59	3.957	3.957	(0.554)	75809	50.0000	34.9531 (M)
	73	tert-amyl methyl ether	73	6.691	6.691	(0.936)	1224414	50.0000	46.4461
	74	Ethyl tert-butyl ether	59	5.172	5.172	(0.724)	1333478	50.0000	45.8796
	75	Bromobenzene	77	11.916	11.916	(1.110)	307697	5.00000	4.5721
	76	n-Butylbenzene	91	12.939	12.939	(1.018)	736803	5.00000	4.8525
	77	sec-Butylbenzene	105	12.533	12.533	(0.986)	967308	5.00000	4.6643

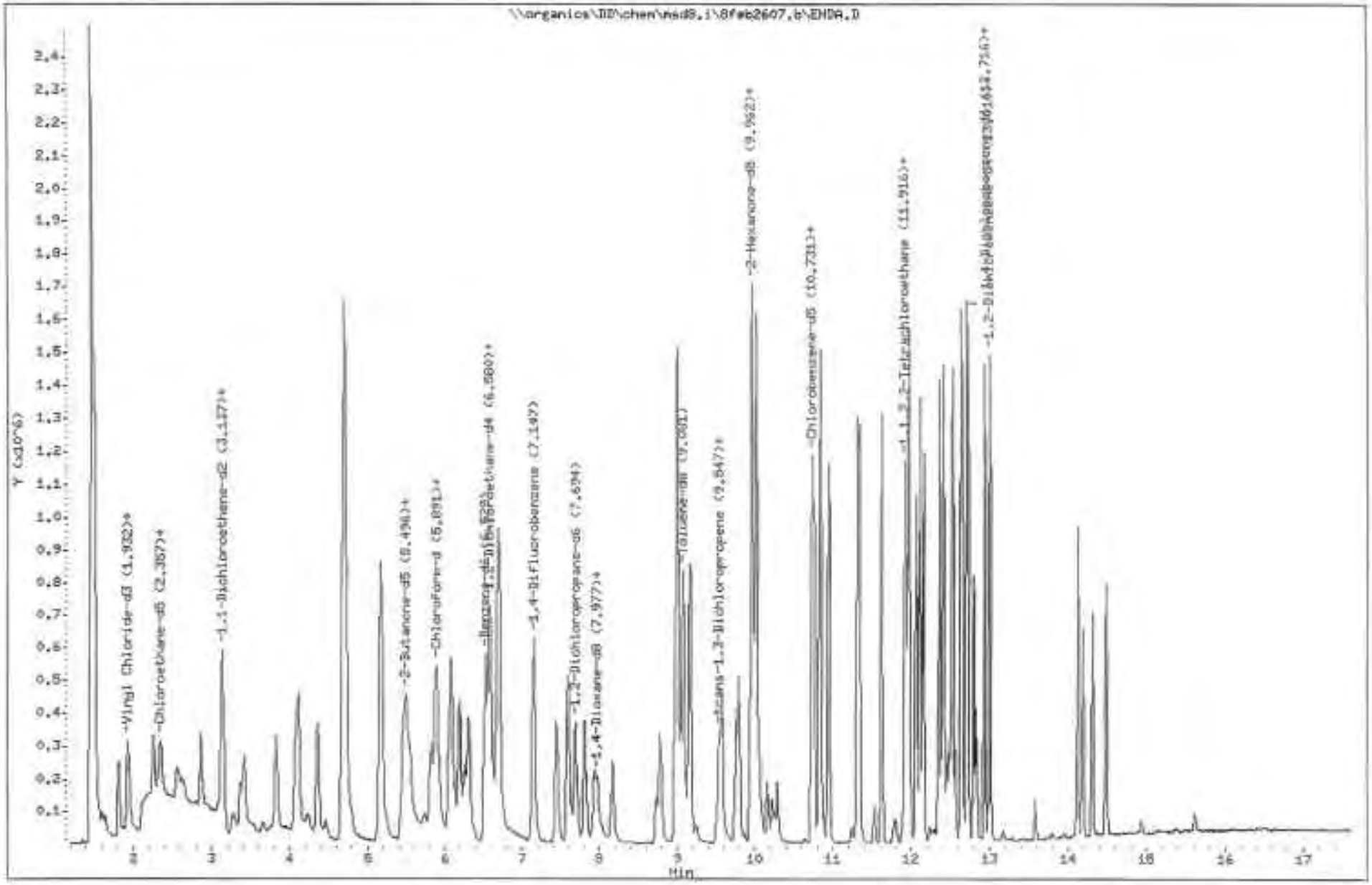
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
78 tert-Butylbenzene	219	13.361	13.361	(0.572)	616447	5.00000	4.7058
79 2-Chlorotoluene	91	13.068	13.068	(0.949)	692889	5.00000	4.7830
80 4-Chlorotoluene	91	13.159	13.159	(0.956)	647743	5.00000	4.6824
81 Dibromomethane	93	7.977	7.977	(1.116)	99468	5.00000	4.6018
82 1,3-Dichloropropane	76	9.951	9.951	(0.927)	342905	5.00000	4.7193
83 2,2-Dichloropropane	77	9.455	9.455	(0.763)	330217	5.00000	4.4133
84 1,1-Dichloropropene	75	9.306	9.306	(0.882)	366913	5.00000	4.7497
85 Hexachlorobutadiene	225	14.194	14.194	(1.116)	131090	5.00000	4.7068
86 p-Isopropyltoluene	119	12.635	12.635	(0.994)	768133	5.00000	4.6377
87 Naphthalene	128	14.318	14.318	(1.126)	834330	5.00000	4.7797
88 n-Propylbenzene	91	11.966	11.966	(0.941)	1077175	5.00000	4.7312
89 1,1,1,2-Tetrachloroethane	131	10.842	10.842	(1.010)	160202	5.00000	4.6378
90 1,2,3-Trichloropropane	110	11.987	11.987	(1.117)	51174	5.00000	4.7181
91 Hexane	57	4.362	4.362	(0.610)	233901	5.00000	4.0930
92 Isopropanol	45	3.470	3.470	(0.486)	370139	250.000	178.7438(M)

QC Flag Legend

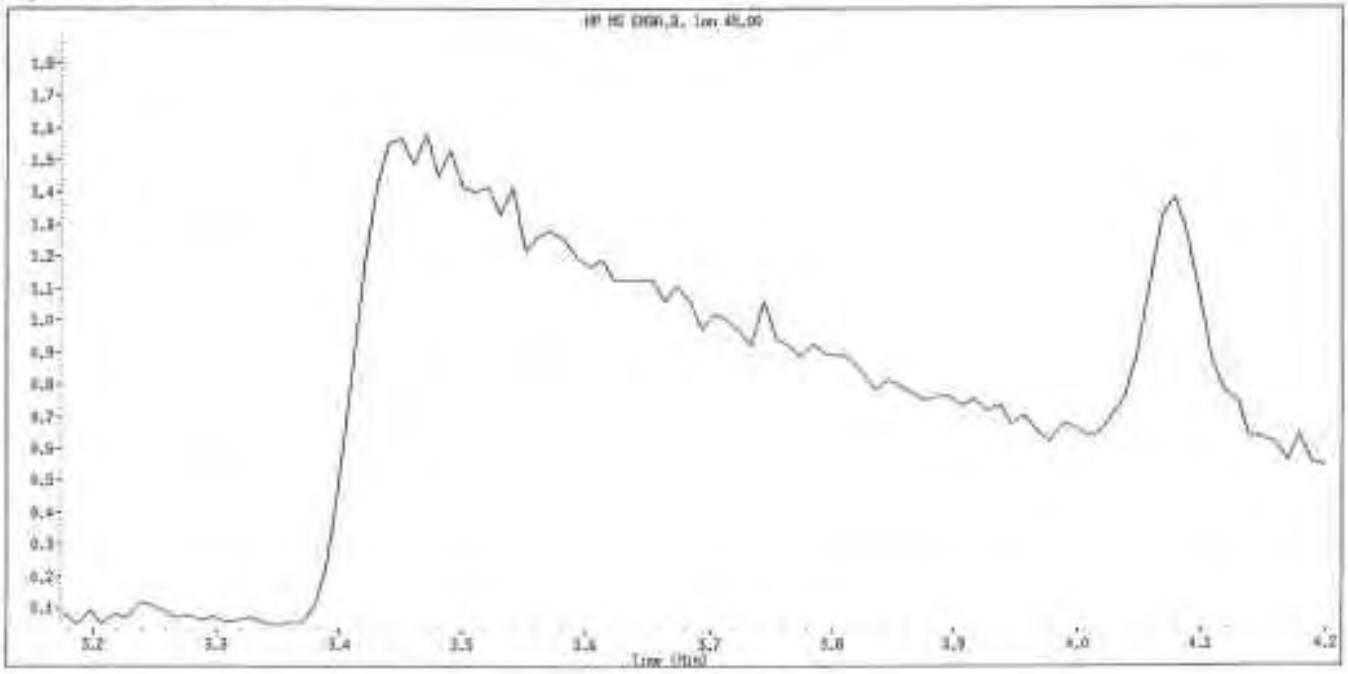
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: \\organics\DD\chem\msd8.i\8feb2607.b\ENDA.D
Date : 26-FEB-2007 12:54
Client ID: VSTD00562
Sample Info: 8feb2607.b, END
Purge Volume: 25.0
Column phase: DB-624

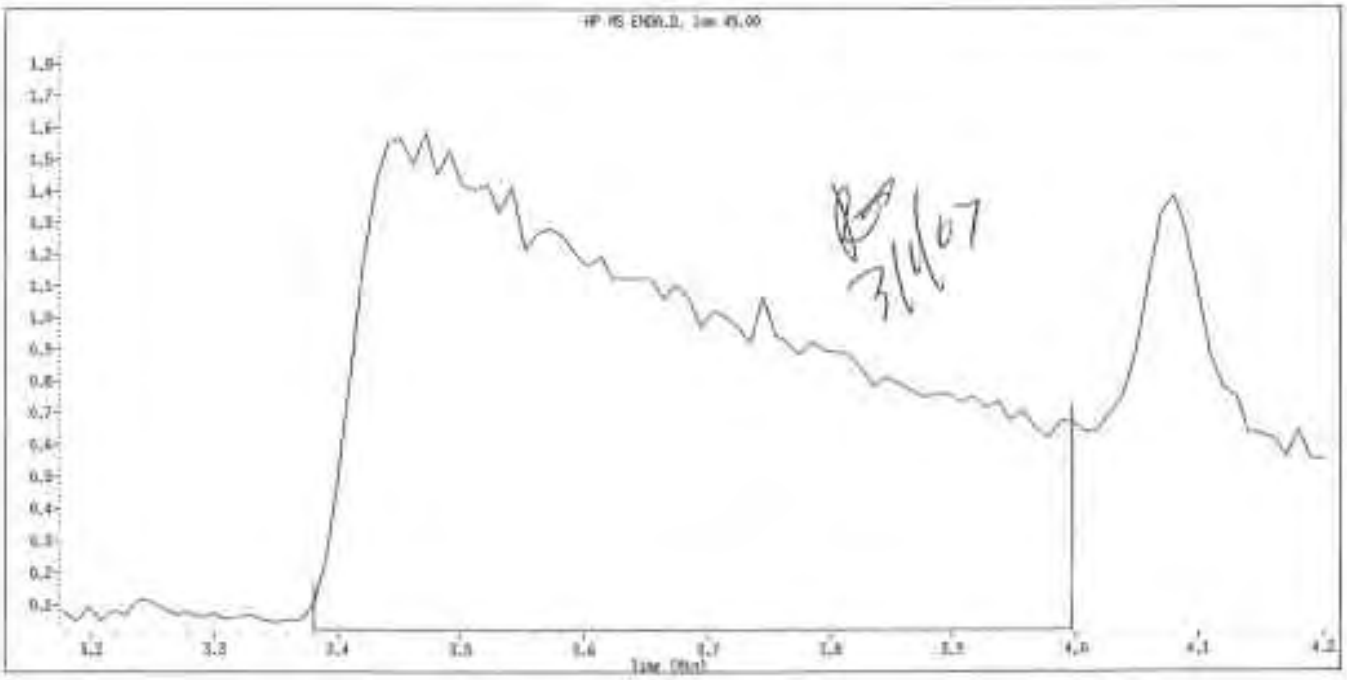
Instrument: msd8.i
Operator: DLB
Column diameter: 0.25



Data File Name: ENDA.D
Inj. Date and Time: 26-FEB-2007 12:54
Instrument ID: gcd8.i
Client ID:
Compound Name: Isopropanol
CAS #: 67-63-0
Report Date: 02/26/2007



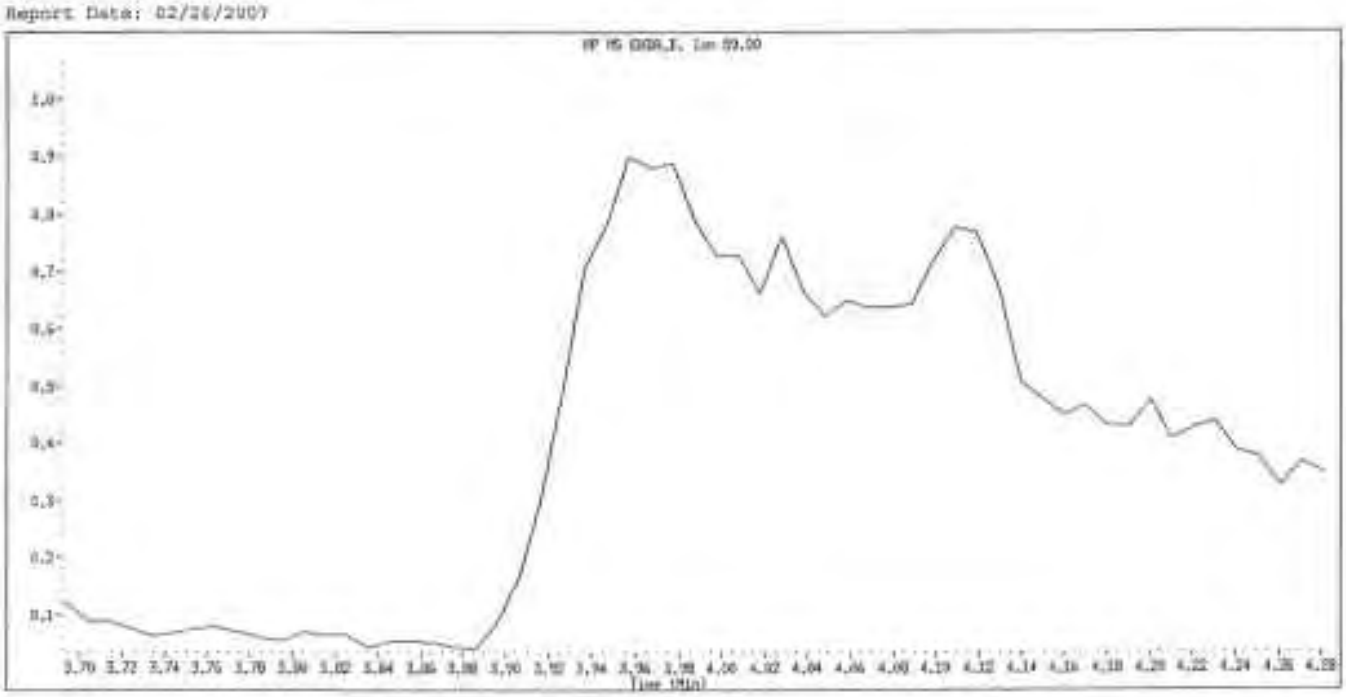
Original Integration



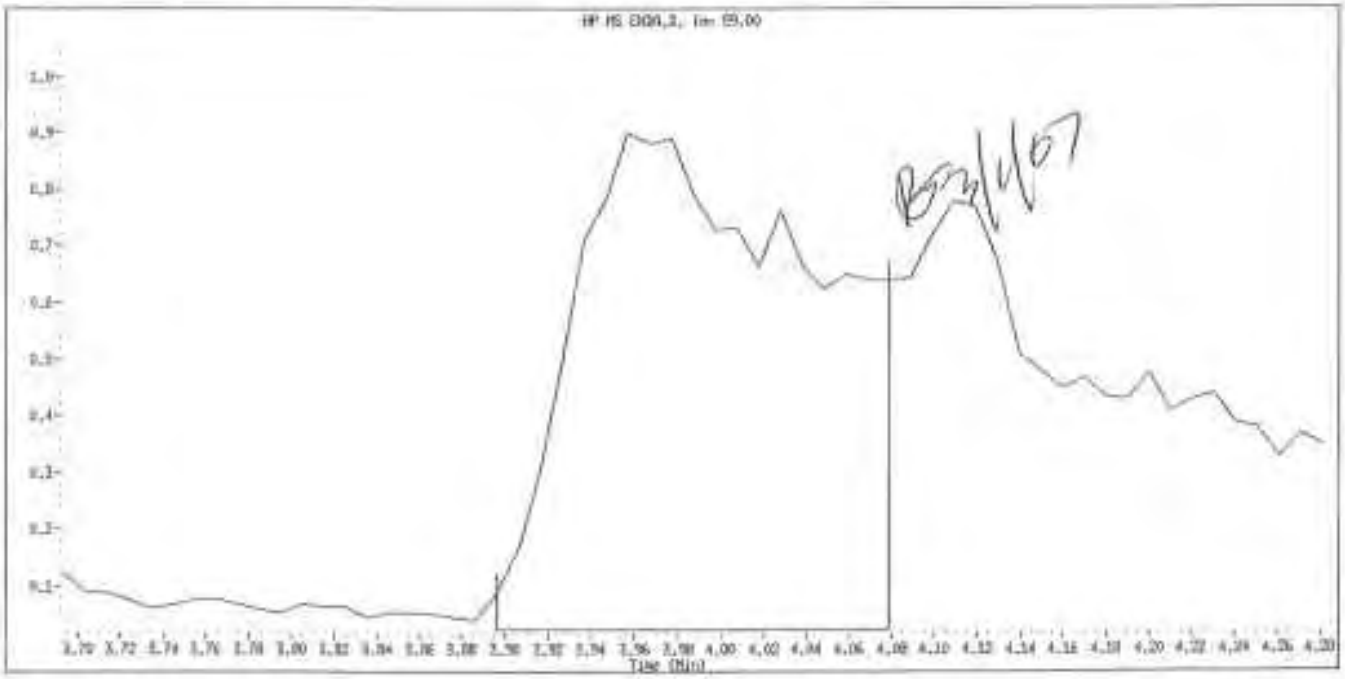
Manual Integration

Manually Integrated By: ESB
Manual Integration Reason: Unknown

Data File Name: 0804A.D
Inj. Date and Time: 26-FEB-2007 12:54
Instrument ID: gcms8.i
Client ID:
Compound Name: tert-butyl alcohol
CAS #: 75-65-0
Report Date: 02/26/2007



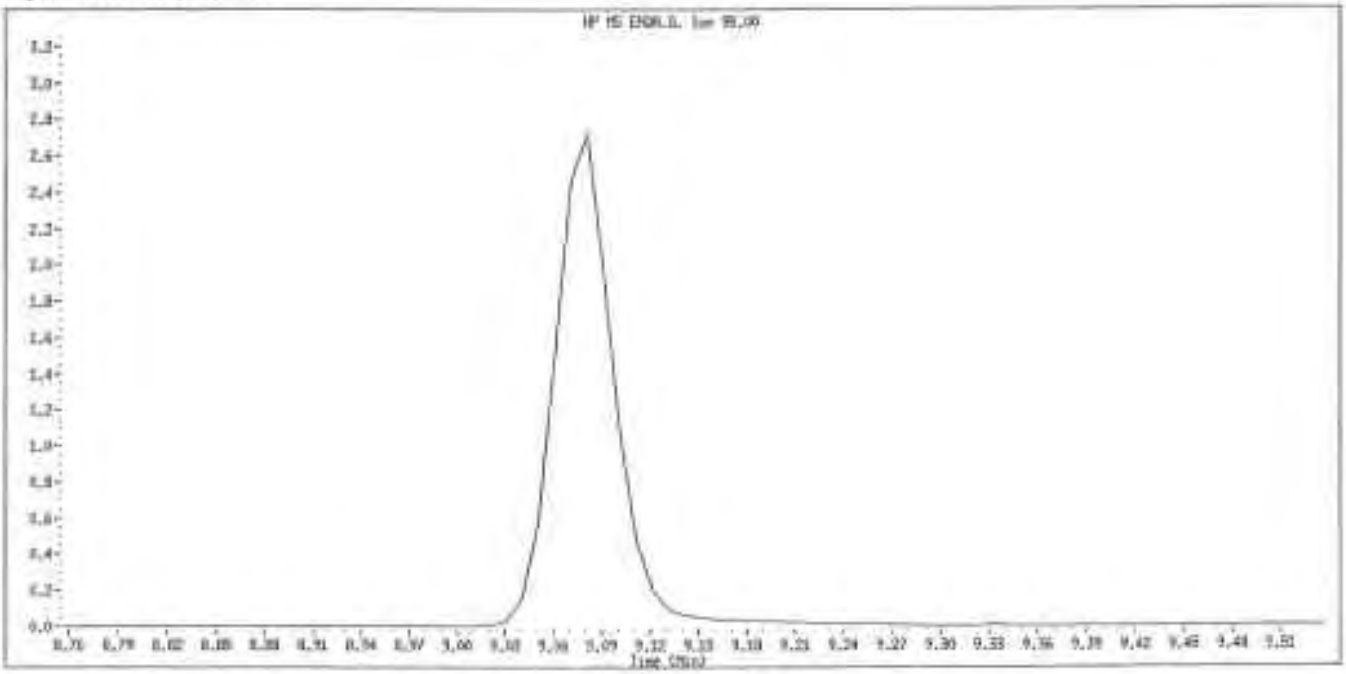
Original Integration



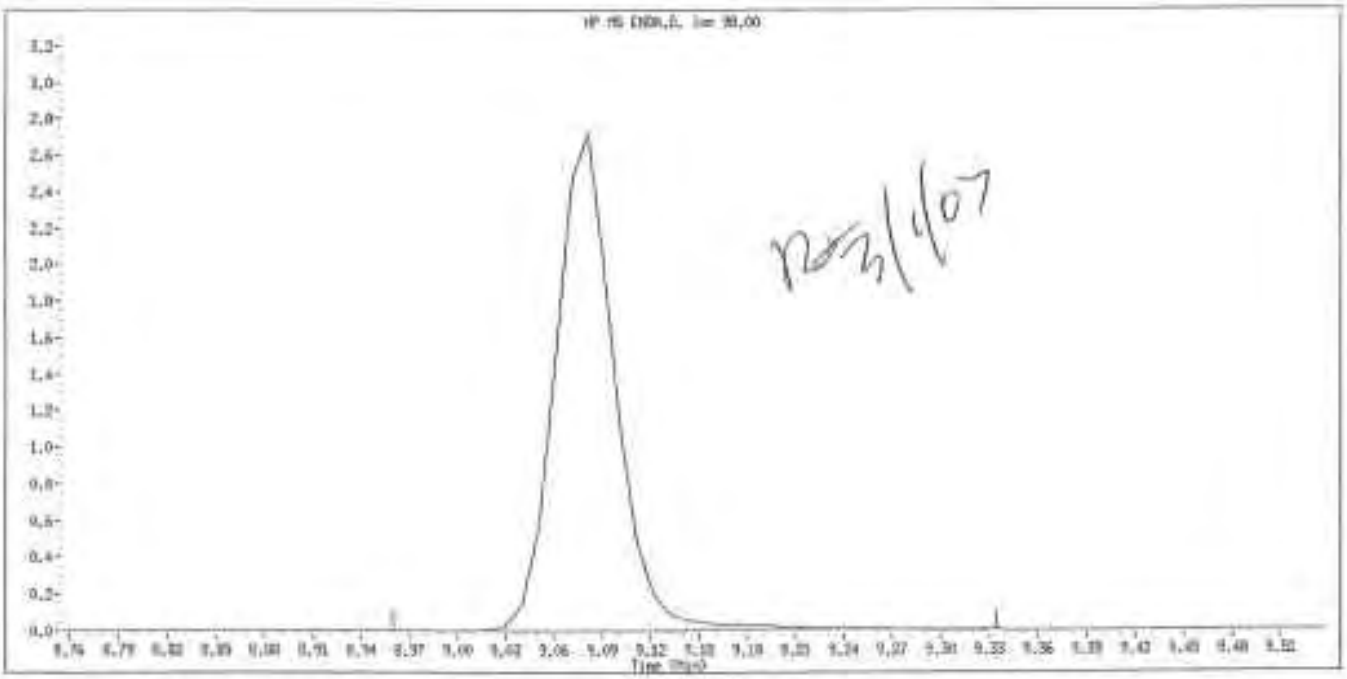
Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Data File Name: EKDA.D
Inj. Date and Time: 26-FEB-2007 12:54
Instrument ID: hp68.i
Client ID:
Compound Name: Toluene-d8
CAS #: 2037-26-5
Report Date: 02/26/2007



Original Integration



Manual Integration

Manually Integrated By: DLB
Manual Integration Reason: Unknown

Data File: \\organics\DB\chem\msd8.i\8feb1307.b\BFB02132.D

Page 1

Date : 13-FEB-2007 10:52

Client ID: BFB13

Instrument: msd8.i

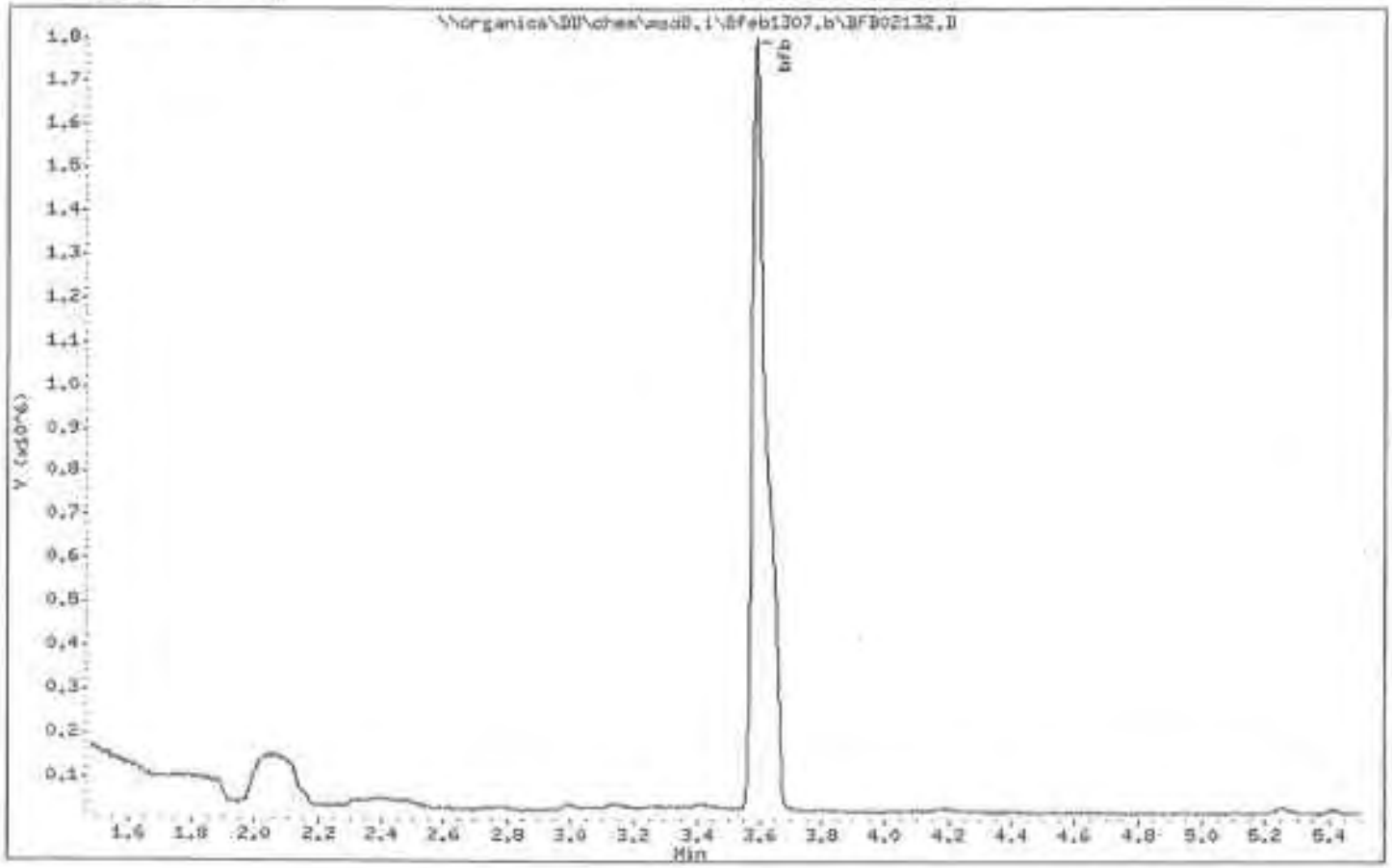
Sample Info: 8feb1307.b,BFB02132

Volume Injected (uL): 2.0

Operator: DLB

Column phase: DB-624

Column diameter: 0.25



Data File: \\organics\DP\chem\ms40.i\8Feb1307.b\BFB02132.D

Date : 13-FEB-2007 10:52

Client ID: BFB13

Instrument: ms40.i

Sample Info: 8Feb1307.b,BFB02132

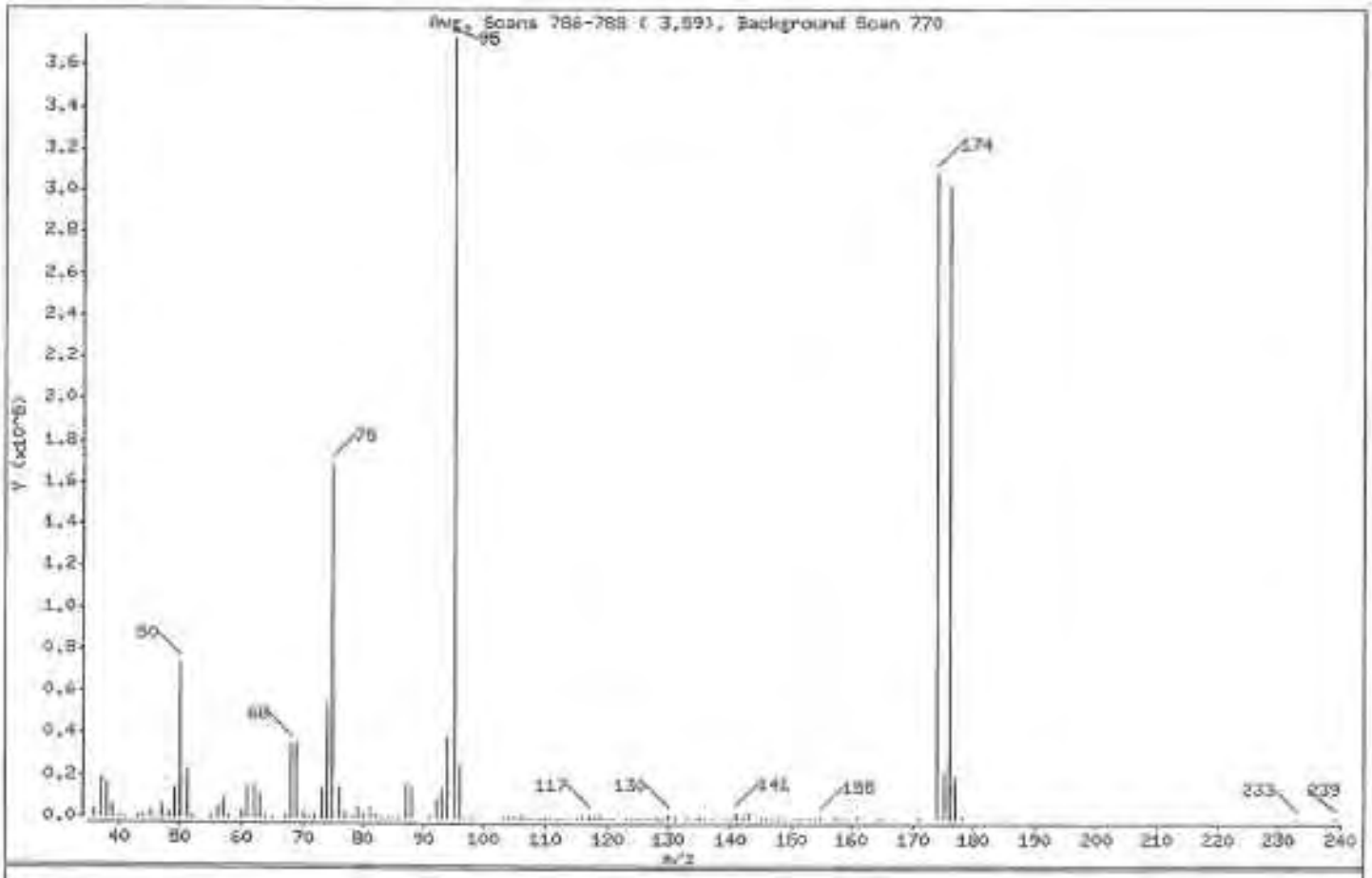
Volume Injected (uL): 2.0

Operator: DLB

Column phase: DB-624

Column diameter: 0.25

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.53
75	30.00 - 80.00% of mass 95	45.11
96	5.00 - 9.00% of mass 95	6.66
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	82.92
175	5.00 - 9.00% of mass 174	5.99 (7.23)
176	95.00 - 101.00% of mass 174	81.02 (97.03)
177	5.00 - 9.00% of mass 176	5.36 (6.61)

Data File: \\organics\DD\chen\ms68.i\8Feb1307.b\BF802132.D

Date : 13-FEB-2007 10:52

Client ID: BF813

Instrument: ms68.i

Sample Info: 8Feb1307.b,BF802132

Volume Injected (uL): 2.0

Operator: DLB

Column phase: DB-624

Column diameter: 0.25

Data File: BF802132.D
Spectrum: Avg. Scans 786-788 (3.69), Background Scan 770
Location of Maximum: 95.00
Number of points: 120

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3371	72.00	1618	109.00	8	145.00	197
37.00	18592	73.00	13877	110.00	277	146.00	740
38.00	16152	74.00	83752	111.00	298	147.00	246
39.00	6199	75.00	168384	112.00	333	148.00	813
40.00	465	76.00	14299	113.00	246	149.00	335
41.00	159	77.00	2180	115.00	289	150.00	305
43.00	458	78.00	1274	116.00	1100	151.00	284
44.00	1385	79.00	5247	117.00	1801	152.00	284
45.00	3571	80.00	1413	118.00	1174	153.00	277
46.00	277	81.00	5465	119.00	1643	154.00	265
47.00	6026	82.00	1364	120.00	238	155.00	1177
48.00	2199	83.00	19	121.00	80	157.00	568
49.00	14161	84.00	269	123.00	110	158.00	212
50.00	72880	85.00	22	124.00	188	159.00	409
51.00	21968	86.00	389	125.00	97	161.00	470
52.00	547	87.00	16672	126.00	104	164.00	84
55.00	442	88.00	14723	127.00	96	165.00	130
56.00	4824	91.00	975	128.00	1117	167.00	61
57.00	9012	92.00	8968	129.00	326	171.00	97
58.00	486	93.00	13646	130.00	1364	174.00	309120
60.00	3038	94.00	38680	131.00	569	175.00	22352
61.00	14466	95.00	373248	133.00	484	176.00	302460
62.00	15150	96.00	24936	134.00	11	177.00	20000
63.00	10947	97.00	249	135.00	582	179.00	463
64.00	1026	98.00	40	136.00	84	185.00	103
65.00	62	103.00	237	137.00	393	233.00	81
67.00	751	104.00	1278	139.00	86	239.00	88
68.00	33504	105.00	497	140.00	219		
69.00	38120	106.00	1381	141.00	2654		
70.00	2369	107.00	370	142.00	536		
71.00	14	108.00	73	143.00	2512		

Data File: \\organics\DD\chem\msd8.i\8feb1407.b\BF802142.D

Date : 14-FEB-2007 07:42

Client ID: BF814

Instrument: msd8.i

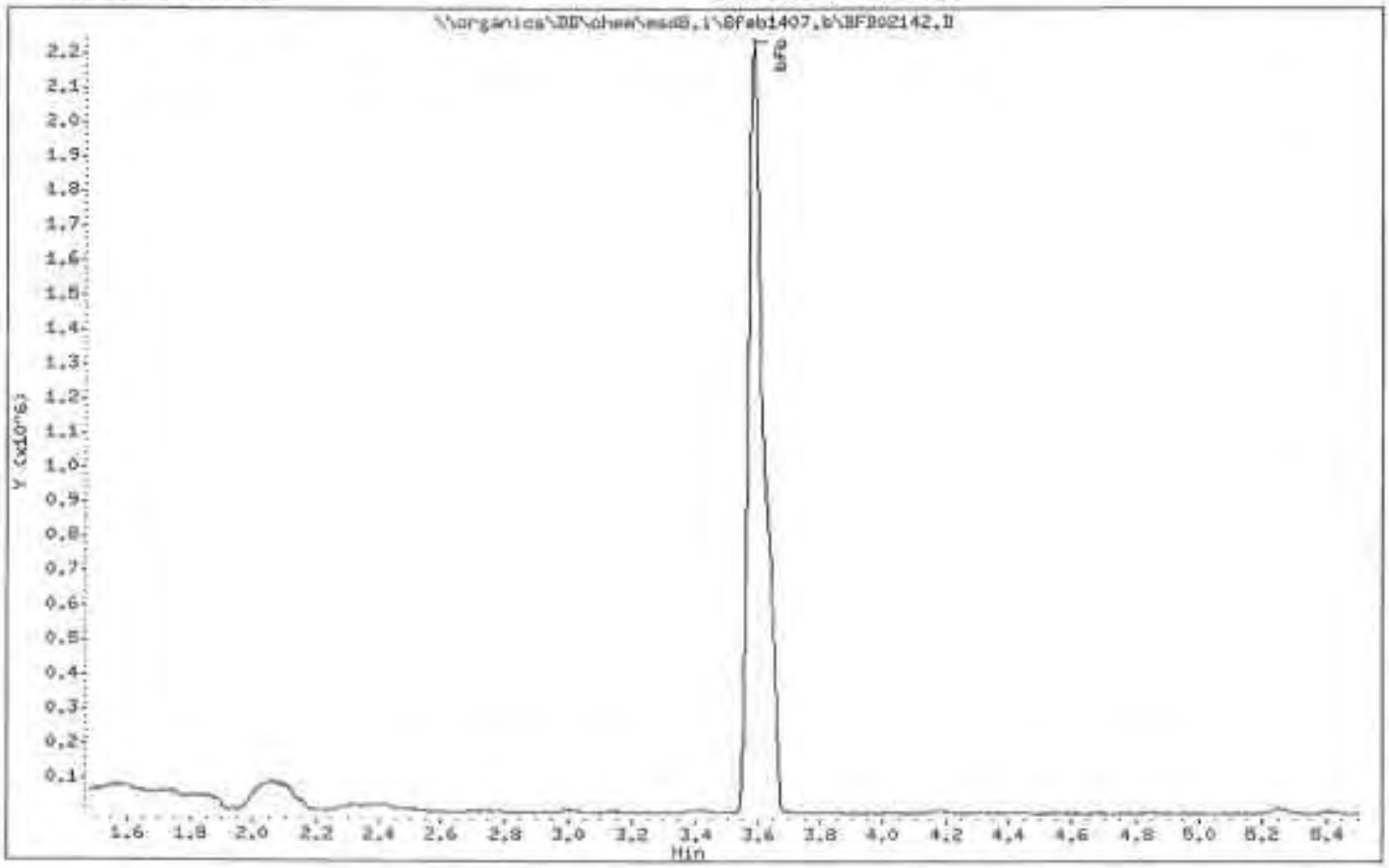
Sample Info: 8feb1407.b,BF802142

Volume Injected (uL): 2.0

Operator: BLB

Column phase: DB-624

Column diameter: 0.25



Data File: \\organics\DD\chem\msd8.i\8feb1407.b\BF802142.D

Date : 14-FEB-2007 07:42

Client ID: BF814

Instrument: msd8.i

Sample Info: 8feb1407,b,BF802142

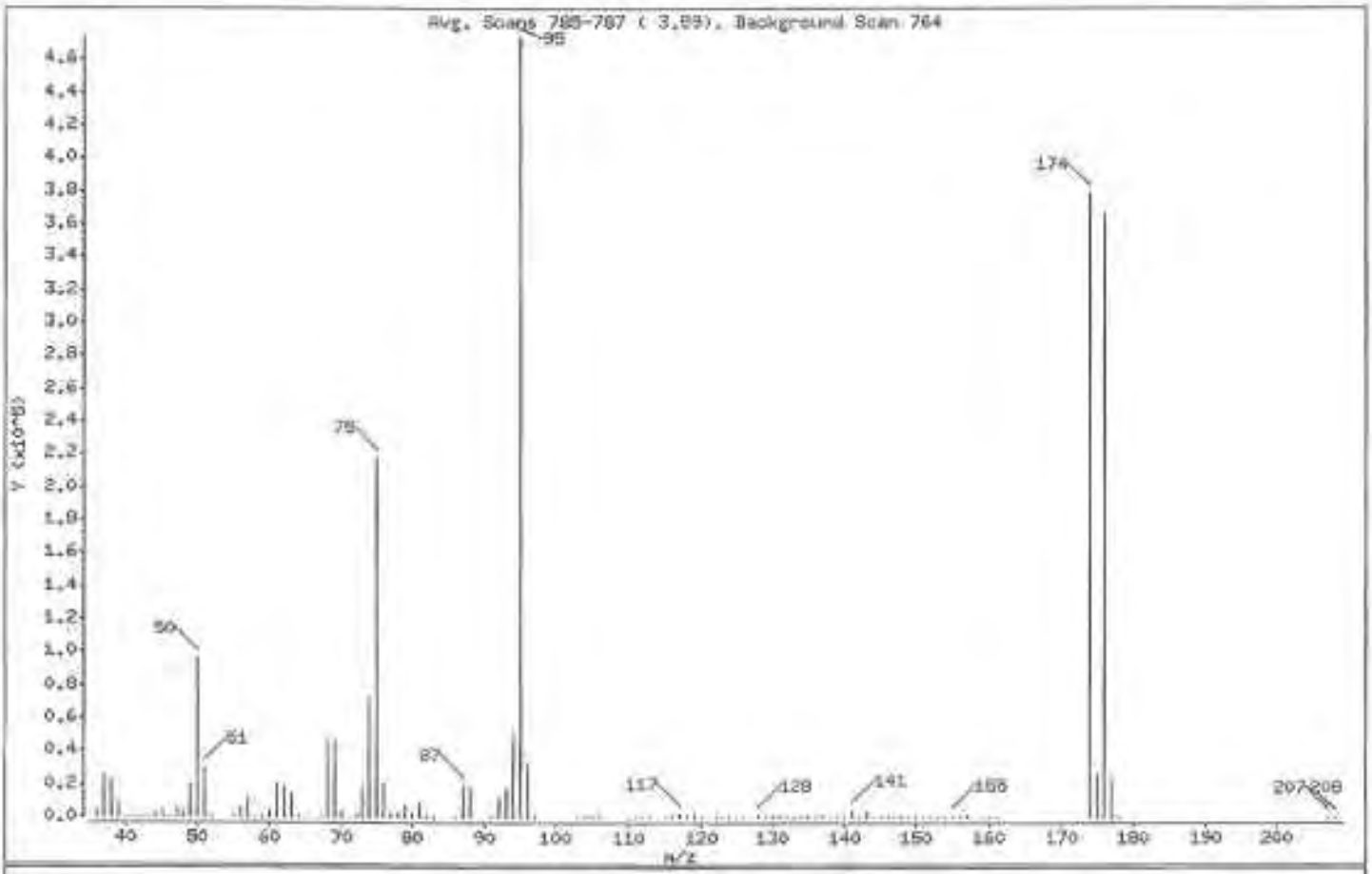
Volume Injected (uL): 2.0

Operator: BLB

Column phase: DB-624

Column diameter: 0.25

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.21
75	30.00 - 80.00% of mass 95	46.09
96	5.00 - 9.00% of mass 95	4.82
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	79.86
175	5.00 - 9.00% of mass 174	5.52 (6.92)
176	95.00 - 101.00% of mass 174	77.41 (96.94)
177	5.00 - 9.00% of mass 176	5.00 (6.46)

Data File: \\organics\DD\chem\ms88.i\BFeb1407.b\BFB02142.D

Date : 14-FEB-2007 07:42

Client ID: BFB14 Instrument: ms88.i

Sample Info: Bfeb1407.b,BFB02142

Volume Injected (uL): 2.0 Operator: BLB

Column phase: DB-624 Column diameter: 0.25

Data File: BFB02142.D

Spectrum: Avg. Scans 785-787 (3.59), Background Scan 764

Location of Maximum: 95.00

Number of points: 114

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4583	68.00	46672	106.00	1367	141.00	4081
37.00	25624	69.00	47256	107.00	384	142.00	358
38.00	21480	70.00	3560	110.00	231	143.00	3867
39.00	8521	71.00	127	111.00	172	144.00	54
40.00	34	72.00	2234	112.00	168	145.00	341
41.00	135	73.00	18704	113.00	274	146.00	643
42.00	168	74.00	72888	115.00	371	147.00	258
43.00	148	75.00	218240	116.00	1294	148.00	861
44.00	2465	76.00	20288	117.00	2072	149.00	350
45.00	4057	77.00	2607	118.00	1335	150.00	329
46.00	218	78.00	2067	119.00	2023	151.00	121
47.00	6812	79.00	7910	120.00	84	152.00	263
48.00	2739	80.00	2328	122.00	78	153.00	297
49.00	20064	81.00	8327	123.00	53	154.00	328
50.00	96712	82.00	1270	124.00	282	155.00	1097
51.00	29448	83.00	315	125.00	80	156.00	78
52.00	1465	86.00	162	126.00	251	157.00	307
55.00	918	87.00	13208	128.00	1313	159.00	528
56.00	8637	88.00	16344	129.00	472	160.00	87
57.00	11151	91.00	1090	130.00	1259	161.00	504
58.00	363	92.00	11986	131.00	809	174.00	378113
59.00	101	93.00	18280	132.00	60	175.00	26152
60.00	3824	94.00	84644	133.00	278	176.00	366529
61.00	20886	95.00	473472	134.00	68	177.00	23680
62.00	10696	96.00	32312	135.00	671	178.00	779
63.00	14607	97.00	870	136.00	193	207.00	141
64.00	1297	103.00	258	137.00	546	208.00	51
65.00	58	104.00	1591	139.00	194		
67.00	1079	105.00	528	140.00	177		

Data File: \\organics\DD\chem\msd8.i\8feb1507.b\BFB02151.D

Date : 15-FEB-2007 07:03

Client ID: BFB15

Instrument: msd8.i

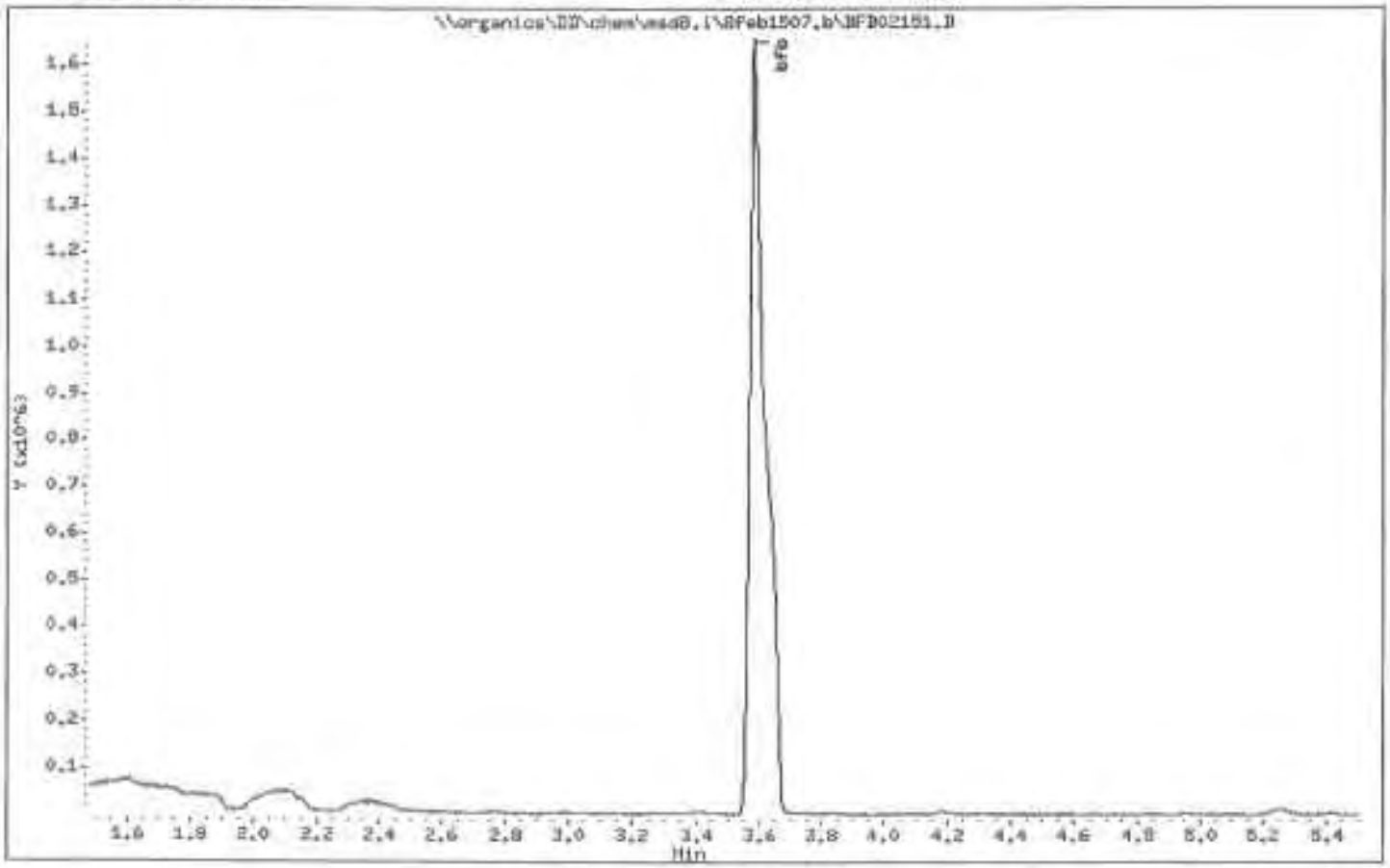
Sample Info: 8feb1507.b, BFB02151

Volume Injected (uL): 2.0

Operator: BLB

Column phase: DB-624

Column diameter: 0.25



Data File: \\organics\DP\chem\ms08.i\08Feb1507.b\BFB02151.D

Date : 15-FEB-2007 07:03

Client ID: BFB15

Instrument: ms08.i

Sample Info: 08feb1507.b, BFB02151

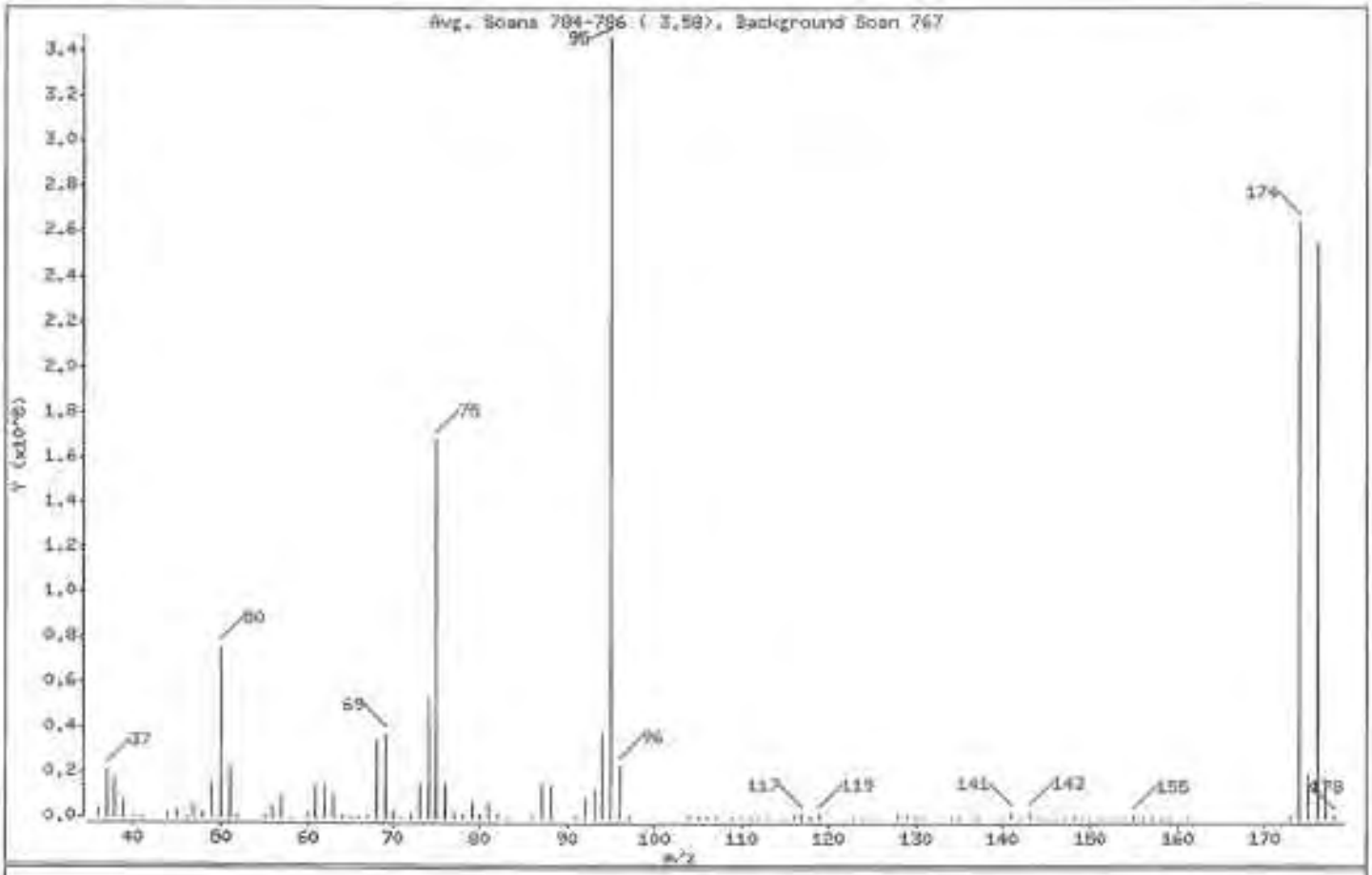
Volume Injected (uL): 2.0

Operator: DLB

Column phase: DB-624

Column diameter: 0.25

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.77
75	30.00 - 80.00% of mass 95	48.30
96	5.00 - 9.00% of mass 95	6.78
173	Less than 2.00% of mass 174	0.19 (0.25)
174	50.00 - 120.00% of mass 95	76.18
175	5.00 - 9.00% of mass 174	5.50 (7.22)
176	95.00 - 101.00% of mass 174	72.54 (95.53)
177	5.00 - 9.00% of mass 176	5.06 (6.89)

Data File: \\Organics\BD\chem\msd0.i\8feb1507.b\BF802151.D

Date : 15-FEB-2007 07:03

Client ID: BFB15

Instrument: msd0.i

Sample Info: 8feb1507.b, BF802151

Volume Injected (uL): 2.0

Operator: DLD

Column phase: DB-624

Column diameter: 0.25

Data File: BF802151.D
Spectrum: Avg. Scans 784-786 (3.59), Background Scan 767
Location of Maximum: 95.00
Number of points: 105

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4083	68.00	34160	105.00	474	143.00	2400
37.00	20424	69.00	36416	106.00	1007	144.00	201
38.00	17904	70.00	3160	107.00	447	145.00	158
39.00	6921	71.00	281	109.00	62	146.00	288
40.00	86	72.00	1537	110.00	124	147.00	246
41.00	233	73.00	14834	111.00	60	148.00	877
44.00	1241	74.00	53464	112.00	110	149.00	259
45.00	3589	75.00	167424	113.00	257	150.00	213
46.00	314	76.00	15095	115.00	326	151.00	60
47.00	8794	77.00	2036	116.00	909	152.00	61
48.00	2979	78.00	1302	117.00	1796	153.00	133
49.00	18450	79.00	7188	118.00	930	154.00	238
50.00	75472	80.00	1913	119.00	1312	155.00	784
51.00	22382	81.00	7029	123.00	66	156.00	75
52.00	969	82.00	1440	124.00	106	157.00	461
55.00	894	83.00	134	125.00	107	158.00	72
56.00	4857	86.00	618	128.00	1268	159.00	366
57.00	9530	87.00	15166	129.00	446	161.00	312
58.00	244	88.00	14169	130.00	1067	173.00	653
60.00	2721	91.00	1081	131.00	326	174.00	264064
61.00	14662	92.00	8404	134.00	62	175.00	19064
62.00	14769	93.00	12611	135.00	454	176.00	254912
63.00	10864	94.00	37784	137.00	504	177.00	17852
64.00	1062	95.00	346624	138.00	61	178.00	578
65.00	73	96.00	23504	140.00	179		
66.00	86	97.00	768	141.00	2513		
67.00	989	104.00	1112	142.00	364		

Data File: \\organics\DD\chem\msd0.i\8feb2107c.b\BF802213.D

Date : 21-FEB-2007 15:18

Client ID: BF821

Instrument: msd0.i

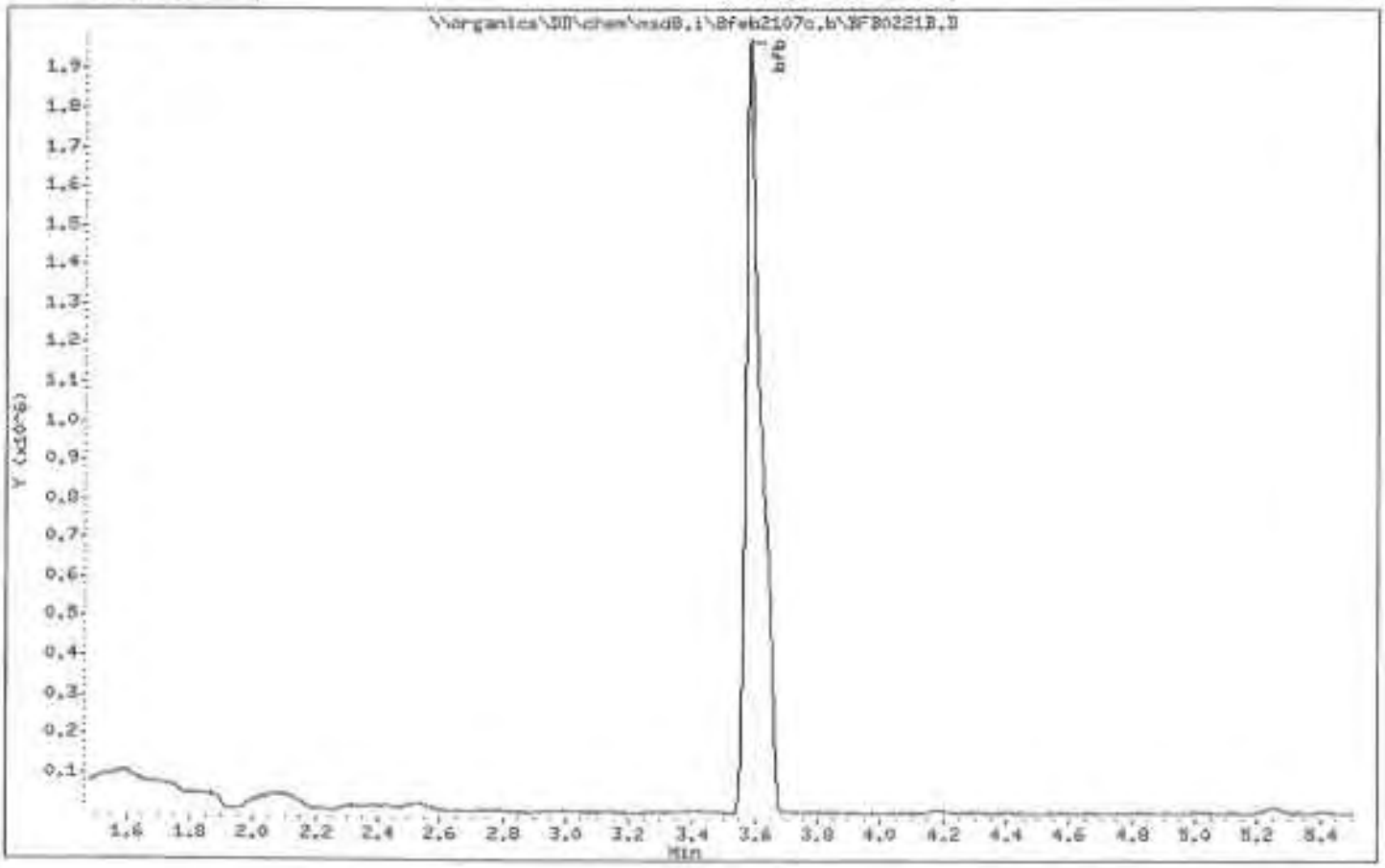
Sample Info: 8feb2107c.b,BF802213

Volume Injected (uL): 2.0

Operator: DLB

Column phase: DB-624

Column diameter: 0.25



Data File: \\organics\DD\chem\vad8.i\BFeb2107c.b\BFB02218.D

Date : 21-FEB-2007 15:18

Client ID: BF221

Instrument: vad8.i

Sample Info: BFeb2107c.b,BFB02218

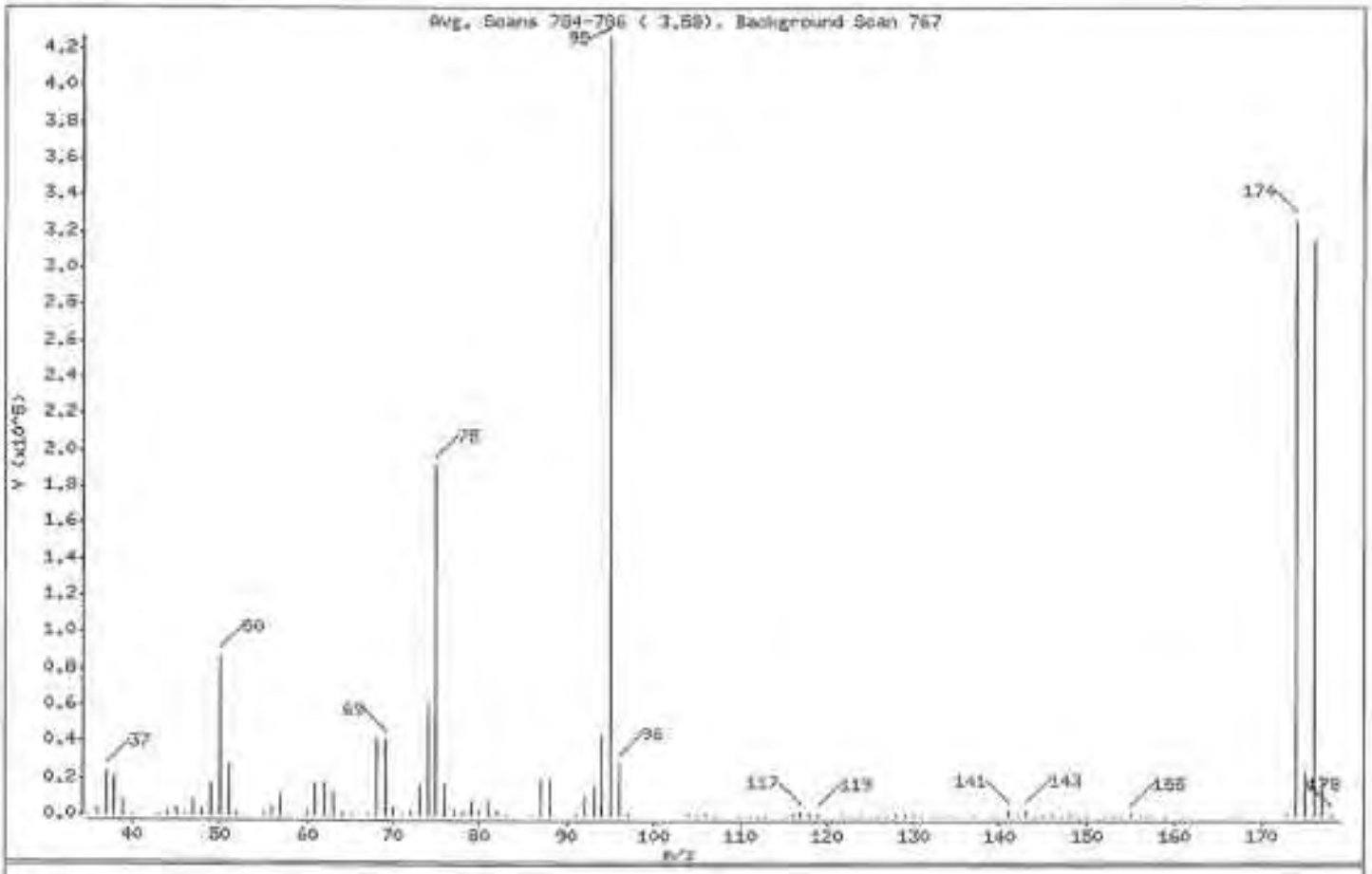
Volume Injected (uL): 2.0

Operator: DLS

Column phase: DB-624

Column diameter: 0.25

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.19
75	30.00 - 80.00% of mass 95	48.02
96	5.00 - 9.00% of mass 95	6.71
173	Less than 2.00% of mass 174	0.18 (0.24)
174	50.00 - 120.00% of mass 95	76.44
175	5.00 - 9.00% of mass 174	5.43 (7.10)
176	95.00 - 101.00% of mass 174	73.93 (96.72)
177	5.00 - 9.00% of mass 176	5.20 (7.03)

Data File: \\organics\GC\chem\ms8.i\8feb2107o.b\8FB02218.D

Date : 21-FEB-2007 15:18

Client ID: BFB21

Instrument: ms8.i

Sample Info: 8feb2107o,b,8FB02218

Volume Injected (uL): 2.0

Operator: BLB

Column phase: DB-624

Column diameter: 0.25

Data File: 8FB02218.D

Spectrum: Avg. Scans 704-706 (3.68), Background Scan 767

Location of Maximum: 95.00

Number of points: 106

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4179	69.00	41232	106.00	1295	141.00	2691
37.00	23520	70.00	3501	107.00	292	142.00	382
38.00	20176	71.00	132	110.00	165	143.00	2767
39.00	7872	72.00	2150	111.00	154	144.00	174
40.00	264	73.00	15294	112.00	144	145.00	286
43.00	399	74.00	60912	113.00	165	146.00	439
44.00	1964	75.00	192192	115.00	479	147.00	63
45.00	3898	76.00	16592	116.00	880	148.00	921
46.00	122	77.00	2952	117.00	1902	149.00	250
47.00	7680	78.00	2004	118.00	1046	150.00	263
48.00	2837	79.00	7838	119.00	1313	152.00	250
49.00	16856	80.00	2466	122.00	105	153.00	177
50.00	86184	81.00	7846	123.00	61	154.00	148
51.00	27544	82.00	1675	124.00	194	155.00	936
52.00	1199	83.00	298	125.00	127	156.00	89
55.00	888	86.00	418	126.00	192	157.00	708
56.00	5985	87.00	20016	127.00	66	159.00	433
57.00	10737	88.00	19488	128.00	1117	161.00	370
58.00	418	91.00	1343	129.00	576	167.00	53
60.00	2014	92.00	10377	130.00	1239	173.00	772
61.00	15816	93.00	15262	131.00	335	174.00	326336
62.00	17384	94.00	44008	133.00	233	175.00	23176
63.00	12500	95.00	426844	134.00	74	176.00	318648
64.00	1212	96.00	28632	138.00	427	177.00	22184
65.00	50	97.00	1698	137.00	440	178.00	683
67.00	1034	104.00	1353	139.00	90		
69.00	40864	105.00	478	140.00	93		

Data File: \\organics\DD\chem\msd8.i\8Feb2607.b\BFB0226.D

Date : 26-FEB-2007 06:07

Client ID: BFB2A

Instrument: msd8.i

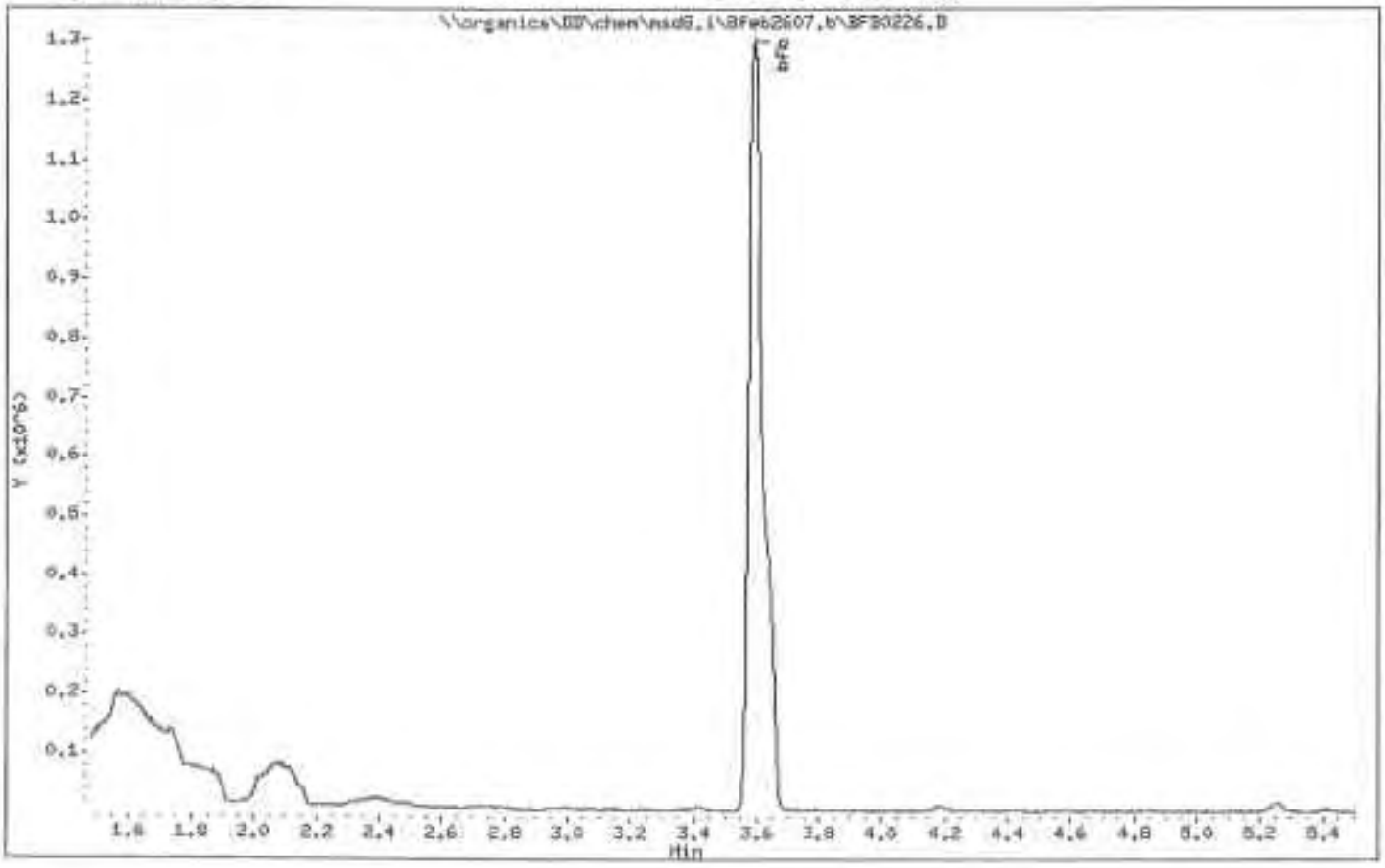
Sample Info: 8Feb2607,b,BFB0226

Volume Injected (uL): 2.0

Operator: DLB

Column phase: DB-624

Column diameter: 0.25



Data File: \\organics\DD\chem\msd8.i\8Feb2607.b\BFB0226.D

Date : 26-FEB-2007 06:07

Client ID: BFB2A

Instrument: msd8.i

Sample Info: 8feb2607.b.BFB0226

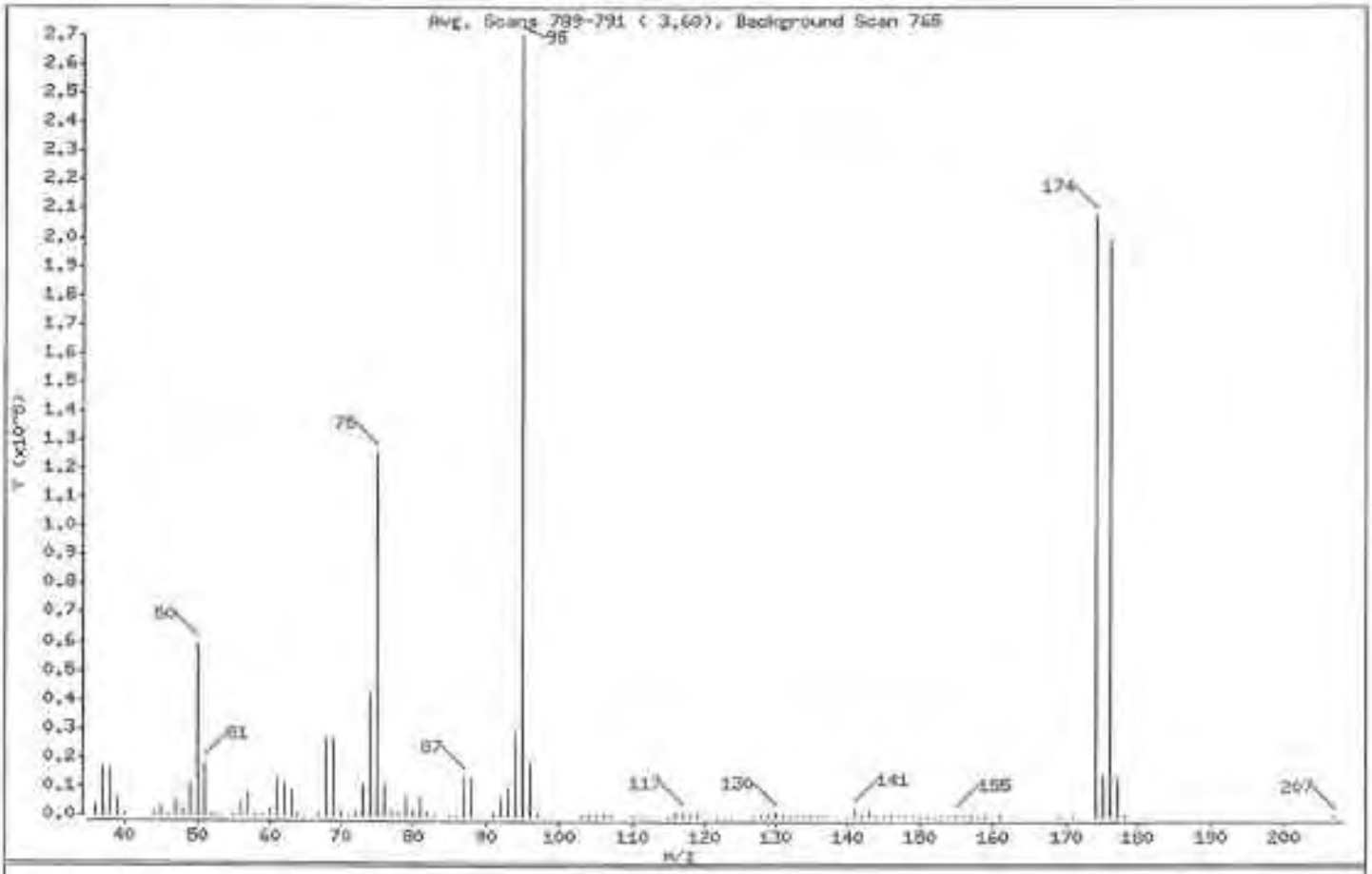
Volume Injected (uL): 2.0

Operator: DLH

Column phase: DB-624

Column diameter: 0.25

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	22.00
75	30.00 - 80.00% of mass 95	46.59
96	5.00 - 9.00% of mass 95	6.68
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	77.04
175	5.00 - 9.00% of mass 174	5.30 (6.88)
176	95.00 - 101.00% of mass 174	73.62 (95.54)
177	5.00 - 9.00% of mass 176	4.85 (6.58)

Data File: \\organics\DD\chem\msd8.i\8Feb2607.b\BFB0226.D

Date : 26-FEB-2007 06:07

Client ID: BFB2A

Instrument: msd8.i

Sample Info: 8Feb2607.b,BFB0226

Volume Injected (uL): 2.0

Operator: DLB

Column phase: DB-624

Column diameter: 0.25

Data File: BFB0226.D
Spectrum: Avg. Scans 789-795 (3.60); Background Scan 765
Location of Maximum: 95.00
Number of points: 111

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3482	69.00	26488	105.00	360	142.00	327
37.00	16560	70.00	2103	106.00	869	143.00	2163
38.00	16472	71.00	73	107.00	339	144.00	112
39.00	8556	72.00	1411	110.00	121	145.00	187
40.00	436	73.00	10789	111.00	206	146.00	458
44.00	1154	74.00	42104	112.00	222	147.00	244
45.00	3033	75.00	126800	113.00	258	148.00	682
46.00	219	76.00	11016	115.00	150	149.00	118
47.00	4094	77.00	1742	116.00	980	150.00	241
48.00	1747	78.00	1384	117.00	1488	151.00	134
49.00	11431	79.00	6612	118.00	827	152.00	118
50.00	89400	80.00	1811	119.00	1136	153.00	77
51.00	18000	81.00	8972	122.00	60	154.00	134
52.00	848	82.00	1338	123.00	160	155.00	633
53.00	73	83.00	262	124.00	127	156.00	87
55.00	825	85.00	56	127.00	118	157.00	418
56.00	4117	86.00	307	128.00	832	158.00	85
57.00	8263	87.00	13625	129.00	352	159.00	354
58.00	426	88.00	12016	130.00	953	161.00	322
59.00	76	91.00	749	131.00	329	169.00	50
60.00	2239	92.00	6247	132.00	61	171.00	50
61.00	12396	93.00	9897	133.00	71	174.00	208064
62.00	11262	94.00	29248	134.00	53	175.00	14324
63.00	8621	95.00	270016	135.00	399	176.00	198784
64.00	717	96.00	18032	136.00	67	177.00	13089
65.00	72	97.00	827	137.00	505	178.00	347
67.00	877	103.00	84	140.00	110	207.00	64
68.00	26720	104.00	931	141.00	2293		

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
VBLK14

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 38127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IQ52698-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: BLK02142

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	0.61	J
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.095	J
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
VBLK14

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IQ52698-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: BLK02142

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
VBLK14

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IQ52698-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: BLK02142

Level: (TRACE/LOW/MED) TRACE Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLK14

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IQ52698-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: BLK02142

Level: (TRACE or LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	12.240	8.7	J
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E96679$[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\BLK02142.D
Lab Smp Id: BLK02142 Client Smp ID: VBLK14
Inj Date : 14-FEB-2007 08:14
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, BLK02142
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 49 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	Compound Not Detected.					
	2 Chloromethane	50	Compound Not Detected.					
a	3 Vinyl Chloride-d3	65	1.911	1.931	(0.267)	131228	4.98223	8.5822
	4 Vinyl Chloride	62	Compound Not Detected.					
	5 Bromomethane	94	Compound Not Detected.					
a	6 Chloroethane-d5	69	2.136	2.336	(0.327)	139211	4.72632	4.7282
	7 Chloroethane	64	Compound Not Detected.					
	8 Trichlorofluoromethane	101	Compound Not Detected.					
a	9 1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	111508	4.22436	4.2244
	10 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	11 1,1-Dichloroethene	96	Compound Not Detected.					
	12 Acetone	43	3.288	3.288	(0.462)	3503	0.50747	0.5074(A)
	13 Carbon Disulfide	76	Compound Not Detected.					
	14 Methyl Acetate	43	Compound Not Detected.					
	15 Methylene Chloride	84	Compound Not Detected.					
	16 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	17 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	18 1,1-Dichloroethane	63	Compound Not Detected.					
a	19 2-Butanone-d5	48	5.485	5.466	(0.763)	439974	57.9265	57.9264(Q)
	20 cis-1,2-Dichloroethene	96	Compound Not Detected.					
	21 2-Butanone	43	Compound Not Detected.					
	22 Bromochloromethane	128	Compound Not Detected.					
a	23 Chloroform-d	86	5.881	5.881	(0.823)	382661	5.15147	5.1534(Q)

			Compounds	CONFT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	24		Chloroform	83	5.911	5.911	(0.827)	4992	0.09528	0.0952(aQ)
	25		1,1,1-Trichloroethane	97	Compound Not Detected.					
	26		Cyclohexane	56	Compound Not Detected.					
	27		Carbon Tetrachloride	117	Compound Not Detected.					
S	28		1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	195482	5.49168	5.4916(Q)
S	29		Benzene-d6	84	6.529	6.529	(0.804)	797742	5.21468	5.2146
	30		Benzene	78	Compound Not Detected.					
	31		1,2-Dichloroethane	62	Compound Not Detected.					
*	32		1,4-Difluorobenzene	114	7.146	7.146	(1.000)	646410	5.00000	
	33		Trichloroethene	95	Compound Not Detected.					
S	34		1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	267291	5.17243	5.1724
	35		Methylcyclohexane	83	Compound Not Detected.					
	36		1,2-Dichloropropane	63	Compound Not Detected.					
	37		Bromodichloromethane	83	Compound Not Detected.					
	38		1,4-Dioxane	88	Compound Not Detected.					
S	39		1,4-Dioxane-d8	96	7.967	7.916	(1.115)	34117	249.838	249.8387
S	40		trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	135859	4.77984	4.7798
	41		cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42		4-Methyl-2-pentanone	43	Compound Not Detected.					
S	43		Toluene-d8	98	9.081	9.081	(0.946)	752531	5.41653	5.4165
	44		Toluene	91	Compound Not Detected.					
	45		trans-1,3-Dichloropropene	75	Compound Not Detected.					
	46		1,1,2-Trichloroethane	97	Compound Not Detected.					
	47		Tetrachloroethene	164	Compound Not Detected.					
S	48		2-Hexanone-d5	63	9.961	9.962	(0.928)	712940	53.2466	53.2459
	49		2-Hexanone	43	Compound Not Detected.					
	50		Dibromochloromethane	129	Compound Not Detected.					
	51		1,2-Dibromoethane	107	Compound Not Detected.					
*	52		Chlorobenzene-d5	117	10.731	10.731	(1.000)	804641	5.00000	
	53		Chlorobenzene	112	Compound Not Detected.					
	54		Ethylbenzene	91	Compound Not Detected.					
	55		m+p-Xylenes	106	Compound Not Detected.					
	56		o-Xylene	106	Compound Not Detected.					
	57		Styrene	104	Compound Not Detected.					
	58		Bromoform	173	Compound Not Detected.					
	59		Isopropylbenzene	105	Compound Not Detected.					
S	60		1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	153711	5.13421	5.1342
	61		1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	62		1,3-Dichlorobenzene	146	Compound Not Detected.					
*	63		1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	500360	5.00000	
	64		1,4-Dichlorobenzene	146	Compound Not Detected.					
S	65		1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	273323	5.24803	5.2480
	66		1,2-Dichlorobenzene	146	Compound Not Detected.					
	67		1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
	68		1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	69		1,2,3-Trichlorobenzene	180	Compound Not Detected.					
	70		1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	71		1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	72		tert-Butyl alcohol	59	Compound Not Detected.					
	73		tert-amyl methyl ether	73	Compound Not Detected.					
	74		Ethyl tert-butyl ether	59	Compound Not Detected.					
	75		Bromobenzene	77	Compound Not Detected.					
	76		n-Butylbenzene	91	Compound Not Detected.					
	77		sec-Butylbenzene	105	Compound Not Detected.					

Compounds	QUANT STG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
78 tert-Butylbenzene	119	Compound Not Detected.					
79 2-Chlorotoluene	91	Compound Not Detected.					
80 4-Chlorotoluene	91	Compound Not Detected.					
81 Dibromomethane	93	Compound Not Detected.					
82 1,3-Dichloropropane	76	Compound Not Detected.					
83 2,2-Dichloropropane	77	Compound Not Detected.					
84 1,1-Dichloropropene	75	Compound Not Detected.					
85 Hexachlorbutadiene	225	Compound Not Detected.					
86 p-Isopropyltoluene	119	Compound Not Detected.					
87 Naphalene	128	14.306	14.316	(1.125)	8788	0.05317	0.0531(a)
88 n-Propylbenzene	91	11.948	11.957	(0.941)	2412	0.01103	0.0110(a)
89 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
90 1,2,3-Trichloropropane	110	Compound Not Detected.					
91 Hexane	57	Compound Not Detected.					
92 Isopropanol	45	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\BLK02142.D
Lab Smp Id: BLK02142 Client Smp ID: VBLK14
Inj Date : 14-FEB-2007 08:14
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, BLK02142
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 49 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ORGANICS-R2

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

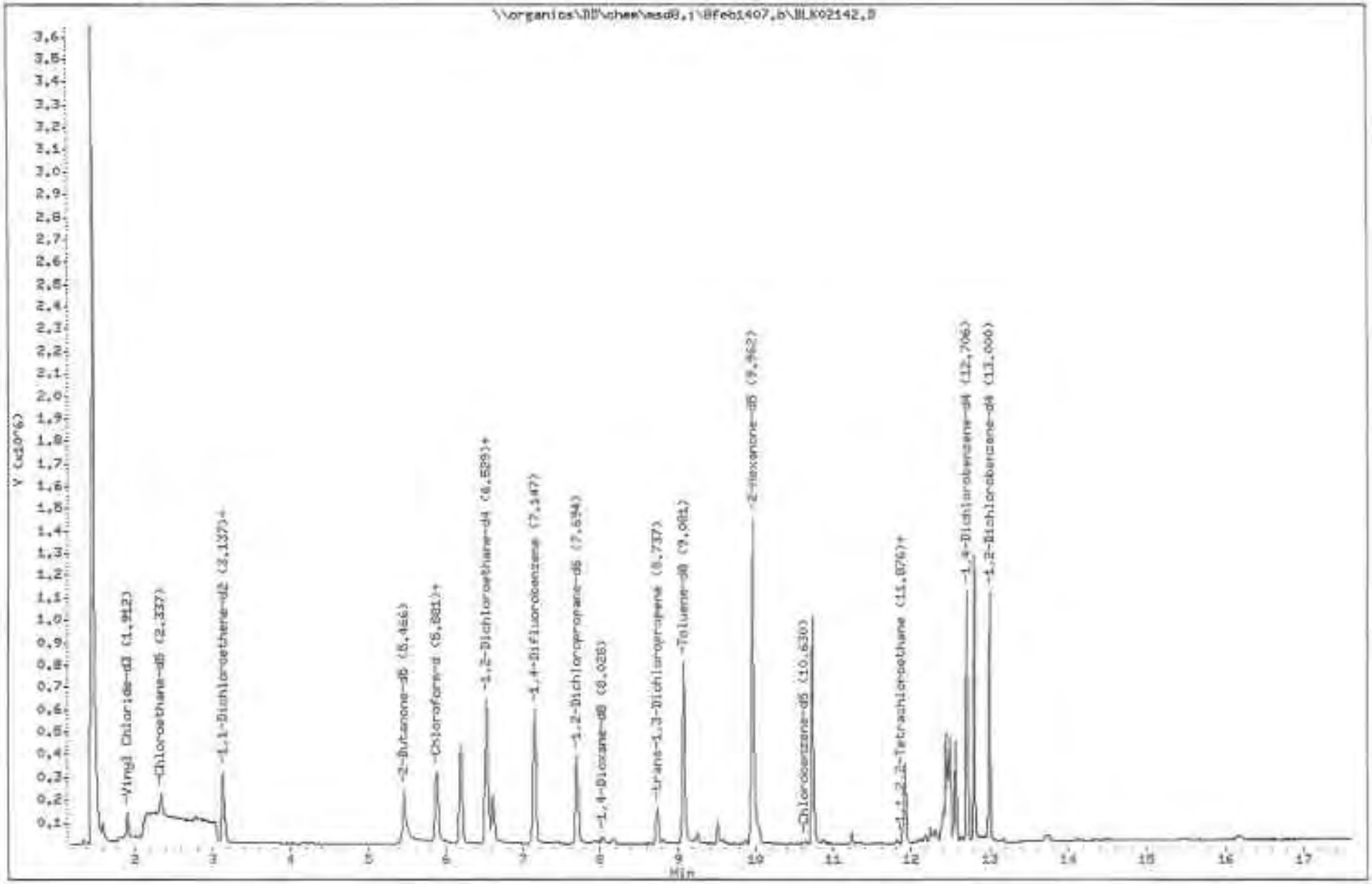
Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 63 1,4-Dichlorobenzene-d4	12.716	1957806	5.000

	CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
12.240	3413151	8.71423964	8.7142				63

Data File: \\organics\DD\chem\msd8,i\8feb1407,b\BLK02142.D
Date : 14-FEB-2007 08:14
Client ID: VBLK14
Sample Info: 8feb1407,b, BLK02142
Purge Volume: 25.0
Column phase: DB-624

Instrument: msd8,i
Operator: DLD
Column diameter: 0.25



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Date : 14-FEB-2007 08:14

Client ID: VBLK14

Instrument: ms8.i

Sample Info: 8feb1407.b, BLK02142

Purge Volume: 25.0

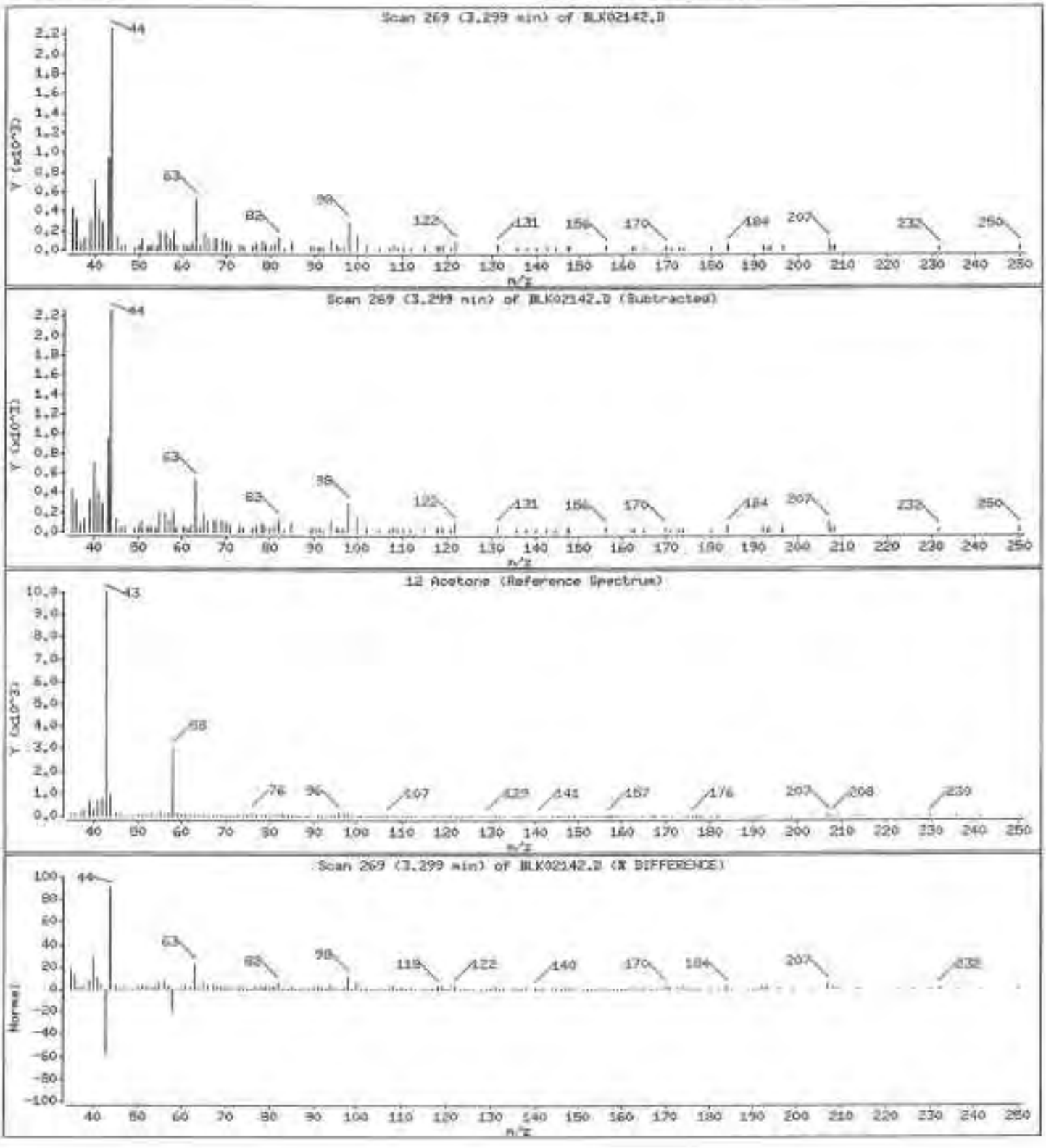
Operator: BLB

Column phase: DB-624

Column diameter: 0.25

12 Acetone

Concentration: 0.6074 ug/L



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Date : 14-FEB-2007 08:14

Client ID: VBLK14

Instrument: ms8.i

Sample Info: 8Feb1407.b, BLK02142

Purge Volume: 25.0

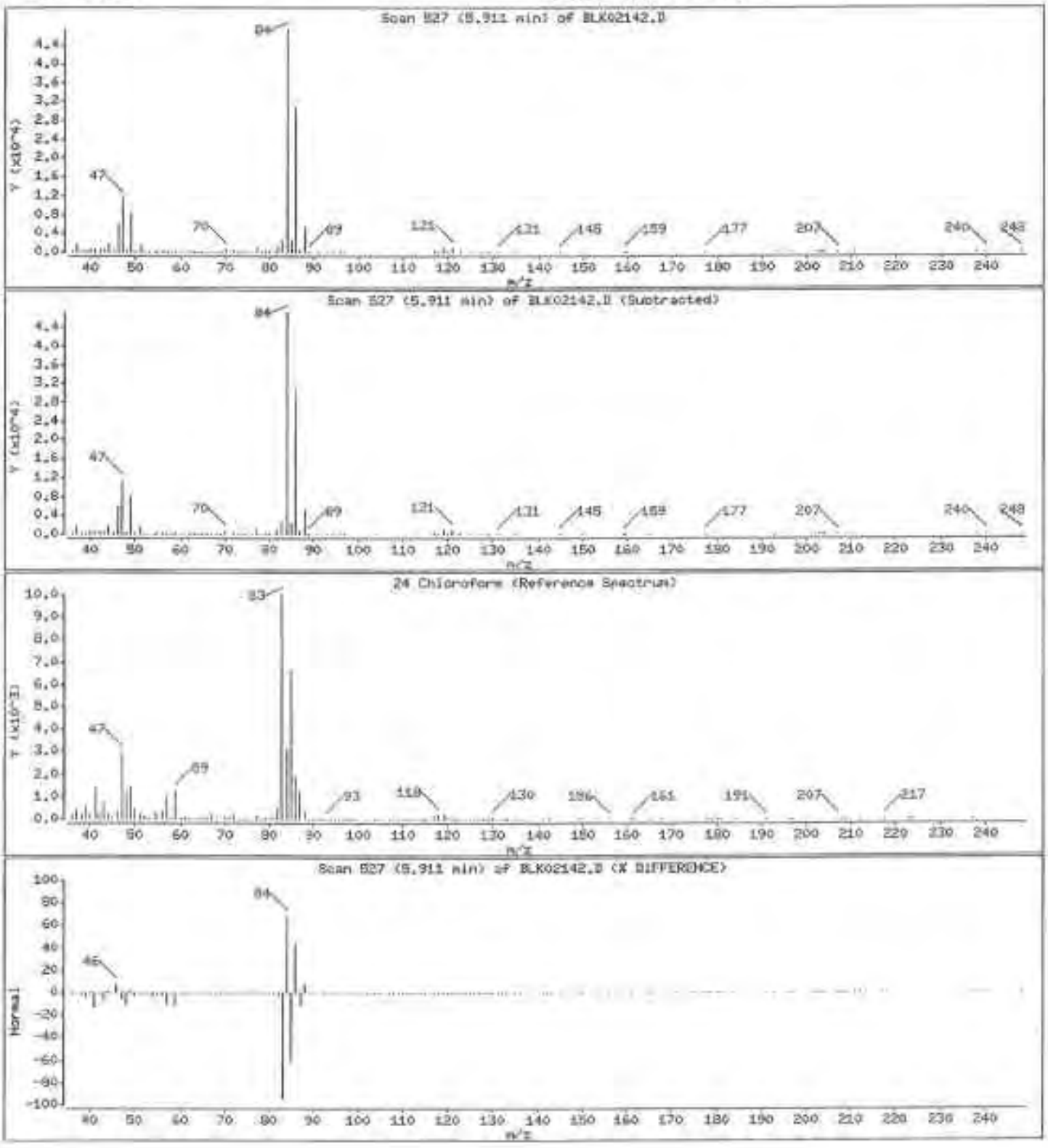
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

24 Chloroform

Concentration: 0.0952 ug/L



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Date : 14-FEB-2007 08:14

Client ID: VBLK14

Instrument: agc8.i

Sample Info: 8feb1407.s, BLK02142

Purge Volume: 25.0

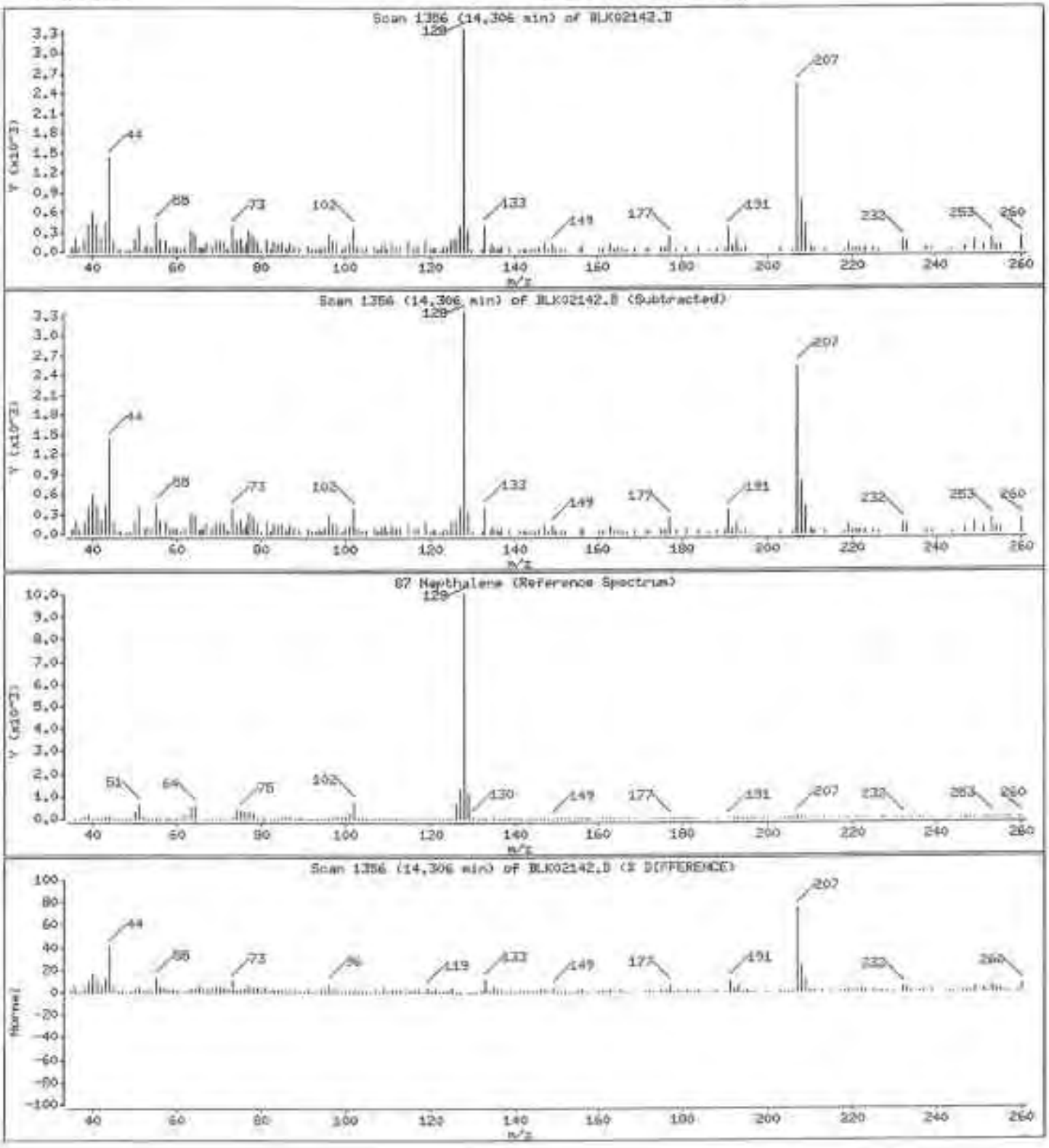
Operator: BLB

Column phase: DB-624

Column diameter: 0.25

87 Napthalene

Concentration: 0.0531 ug/L



Data File: \\organics\DD\chem\msd8.i\8Feb1407.b\BLK02142.D

Date : 14-FEB-2007 08:14

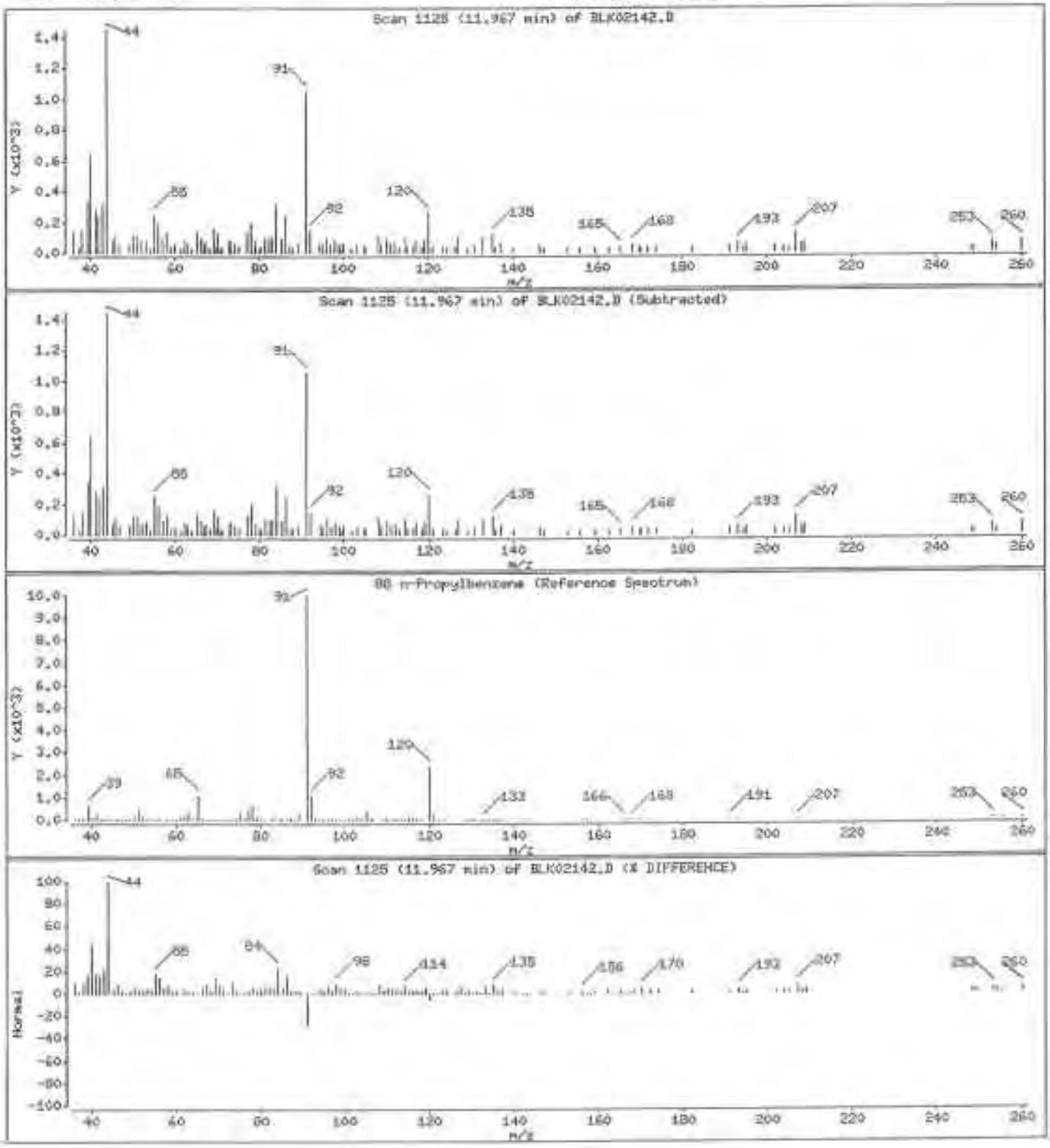
Client ID: VBLK14 Instrument: msd8.i

Sample Info: 8Feb1407.b, BLK02142

Purge Volume: 25.0 Operator: BLB

Column phase: DB-624 Column diameter: 0.25

88 n-Propylbenzene Concentration: 0.0110 ug/L



Data File: \\organics\DB\chem\vsd8.i\8feb1407.b\BLK02142.D

Date : 14-FEB-2007 08:14

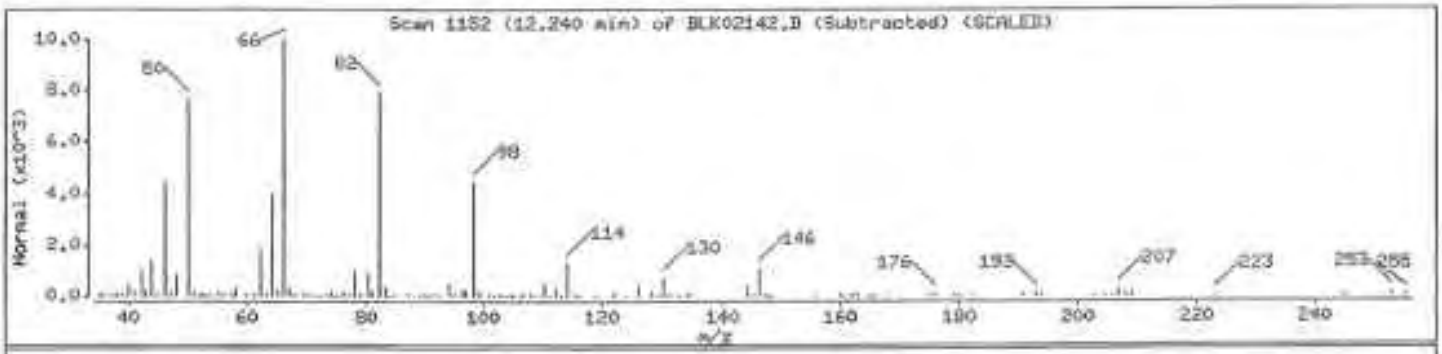
Client ID: VBLK14 Instrument: vsd8.i

Sample Info: 8feb1407.b, BLK02142

Purge Volume: 25.0 Operator: DLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
VBLK15

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IQ52737-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: BLK02151

Level: (TRACE/LOW/MED) TRACE Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/15/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	1.3	J
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.097	J
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
VBLK15

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IQ52737-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: BLK02151

Level: (TRACE/LOW/MED) TRACE Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/15/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
VBLK15

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IQ52737-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: BLK02151

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 02/15/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLK15

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IQ52737-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: BLK02151

Level: (TRACE or LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 02/15/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	9.506	0.74	J
02		Unknown-02	12.443	3.4	J
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1507.b\BLK02151.D
Lab Smp Id: BLK02151 Client Smp ID: VBLK15
Inj Date : 15-FEB-2007 08:35
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1507.b, BLK02151
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb1507.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:18 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 49 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON COLUMN (ug/L)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	Compound Not Detected.					
	2 Chloromethane	50	Compound Not Detected.					
S	3 Vinyl Chloride-d3	65	1.911	1.911	(0.247)	161930	5.88800	5.8880
	4 Vinyl Chloride	62	Compound Not Detected.					
	5 Bromomethane	94	Compound Not Detected.					
S	6 Chloroethane-d5	69	2.136	2.136	(0.327)	134589	5.30496	5.3049
	7 Chloromethane	64	Compound Not Detected.					
	8 Trichlorofluoromethane	101	Compound Not Detected.					
S	9 1,1-Dichloroethene-d2	63	3.126	3.136	(0.477)	263421	3.95026	3.9502
	10 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	11 1,1-Dichloroethane	96	Compound Not Detected.					
	12 Acetone	43	3.288	3.288	(0.468)	4096	1.33228	1.3322(a)
	13 Carbon Disulfide	76	Compound Not Detected.					
	14 Methyl Acetate	43	Compound Not Detected.					
	15 Methylene Chloride	84	Compound Not Detected.					
	16 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	17 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	18 1,1-Dichloroethane	63	Compound Not Detected.					
S	19 2-Butanone-d8	46	5.465	5.455	(0.765)	657222	66.0338	66.0338(Q)
	20 cis-1,2-Dichloroethene	96	Compound Not Detected.					
	21 2-Butanone	43	Compound Not Detected.					
	22 Bromochloromethane	128	Compound Not Detected.					
S	23 Chloroform-d	84	5.881	5.881	(0.823)	287172	4.57136	4.5713(Q)

			QUANT EIC						CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN (ug/L)	FINAL (ug/L)
	26	Chloroform	83	8.901	8.901	(0.826)	6186		0.09658	0.0965(AQ)
	35	1,1,1-Trichloroethane	97	Compound Not Detected.						
	28	Cyclohexane	56	Compound Not Detected.						
	27	Carbon Tetrachloride	117	Compound Not Detected.						
a	20	1,2-Dichloroethane-d4	65	6.619	6.610	(0.928)	164364		5.11959	5.1197(Q)
g	29	Benzene-d6	84	6.529	6.529	(0.808)	633084		4.80991	4.8099
	30	Benzene	78	Compound Not Detected.						
	31	1,2-Dichloroethene	62	Compound Not Detected.						
*	32	1,4-Difluorobenzene	114	7.146	7.146	(1.000)	582417		5.00000	
	33	Trichloroethene	95	Compound Not Detected.						
g	34	1,2-Dichloropropane-d6	67	7.683	7.693	(0.716)	205461		4.88331	4.8829
	36	Methylcyclohexane	83	Compound Not Detected.						
	36	1,2-Dichloropropane	63	Compound Not Detected.						
	37	Bromodichloromethane	83	Compound Not Detected.						
	38	1,4-Dioxane	88	Compound Not Detected.						
a	39	1,4-Dioxane-d8	96	7.926	7.916	(1.139)	20610		167.503	167.5030(Q)
g	40	trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	91231		3.72893	3.7289
	41	cis-1,3-Dichloropropene	75	Compound Not Detected.						
	42	4-Methyl-2-pentanone	43	Compound Not Detected.						
j	43	Toluene-d8	98	9.070	9.070	(0.845)	542086		4.93519	4.8351
	44	Toluene	91	Compound Not Detected.						
	45	trans-1,3-Dichloropropene	75	Compound Not Detected.						
	46	1,1,2-Trichloroethane	97	Compound Not Detected.						
	47	Tetrachloroethene	164	Compound Not Detected.						
g	48	2-Hexanone-d5	63	9.961	9.961	(0.928)	593728		51.7424	51.7424
	49	2-Hexanone	43	Compound Not Detected.						
	50	Dibromochloromethane	129	Compound Not Detected.						
	51	1,2-Dibromoethane	107	Compound Not Detected.						
*	52	Chlorobenzene-d5	117	10.731	10.731	(1.000)	520377		5.00000	
	53	Chlorobenzene	112	Compound Not Detected.						
	54	Ethylbenzene	91	Compound Not Detected.						
	55	m-p-Xylenes	106	Compound Not Detected.						
	56	o-Xylene	106	Compound Not Detected.						
	57	Styrene	104	Compound Not Detected.						
	58	Bromoform	173	Compound Not Detected.						
	59	Isopropylbenzene	105	Compound Not Detected.						
g	60	1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	147208		4.53590	4.5360
	61	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	62	1,3-Dichlorobenzene	146	Compound Not Detected.						
*	63	1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	261129		5.00000	
	64	1,4-Dichlorobenzene	146	Compound Not Detected.						
g	65	1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	200471		4.95033	4.4961
	66	1,2-Dichlorobenzene	146	Compound Not Detected.						
	67	1,2-Dibromo-3-chloropropane	75	Compound Not Detected.						
	68	1,2,4-Trichlorobenzene	180	Compound Not Detected.						
	69	1,2,3-Trichlorobenzene	180	Compound Not Detected.						
	70	1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	71	1,3,5-Trimethylbenzene	105	Compound Not Detected.						
	72	tert-Butyl alcohol	59	Compound Not Detected.						
	73	tert-Amyl methyl ether	73	Compound Not Detected.						
	74	Ethyl tert-Butyl ether	59	Compound Not Detected.						
	75	Bromobenzene	77	Compound Not Detected.						
	76	n-Butylbenzene	91	Compound Not Detected.						
	77	sec-Butylbenzene	105	Compound Not Detected.						

Compounds	QUANT MSD MASS	RT	EXP RT	RSL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
78 tert-Butylbenzene	119	Compound Not Detected.					
79 2-Chlorotoluene	91	Compound Not Detected.					
80 4-Chlorotoluene	91	Compound Not Detected.					
81 Dibromomethane	93	Compound Not Detected.					
82 1,3-Dichloropropane	76	Compound Not Detected.					
83 2,2-Dichloropropane	77	Compound Not Detected.					
84 1,1-Dichloropropene	75	Compound Not Detected.					
85 Hexachlorbutadiene	225	Compound Not Detected.					
86 p-Isopropyltoluene	119	Compound Not Detected.					
87 Napthalene	128	Compound Not Detected.					
88 n-Propylbenzene	91	Compound Not Detected.					
89 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
90 1,2,3-Trichloropropane	110	Compound Not Detected.					
91 Hexane	57	Compound Not Detected.					
92 Isopropanol	45	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1507.b\BLK02151.D
Lab Smp Id: BLK02151 Client Smp ID: VBLK15
Inj Date : 15-FEB-2007 08:35
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1507.b, BLK02151
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb1507.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:18 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 49 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

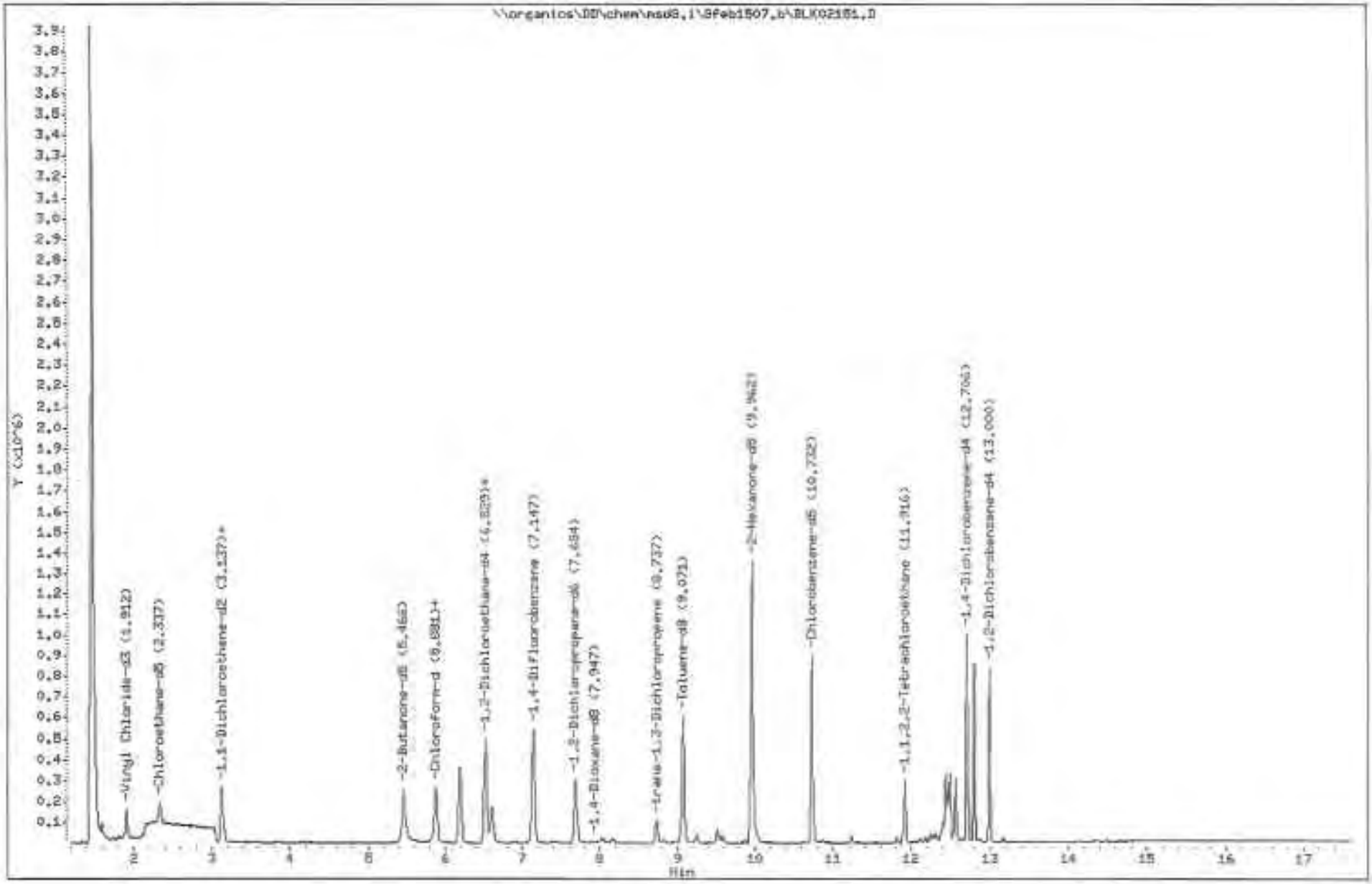
Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 52 Chlorobenzene-d5	10.732	1680750	5.000
* 63 1,4-Dichlorobenzene-d4	12.716	3070498	5.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng/L)	FINAL(ng/L)	QUAL	LIBRARY	ID# ENTRY	CPND #
Unknown			CAS #:				
3.506	249330	0.79812374	0.7981	0		0	82
Unknown			CAS #:				
12.443	2060930	3.38469994	3.3548	0		0	87

Data File: \\organics\DD\chem\msd8.i\8feb1507.b\BLK02151.D
Date : 15-FEB-2007 08:35
Client ID: VBLK15
Sample Info: 8feb1507.b, BLK02151
Purge Volume: 25.0
Column phase: DB-624

Instrument: msd8.i
Operator: DLB
Column diameter: 0.20



Data File: \\organics\DD\chem\ms08.i\8Feb1507.b\BLK02151.D

Date : 15-FEB-2007 08:38

Client ID: VBLK15

Instrument: ms08.i

Sample Info: 8Feb1507.b, BLK02151

Purge Volume: 25.0

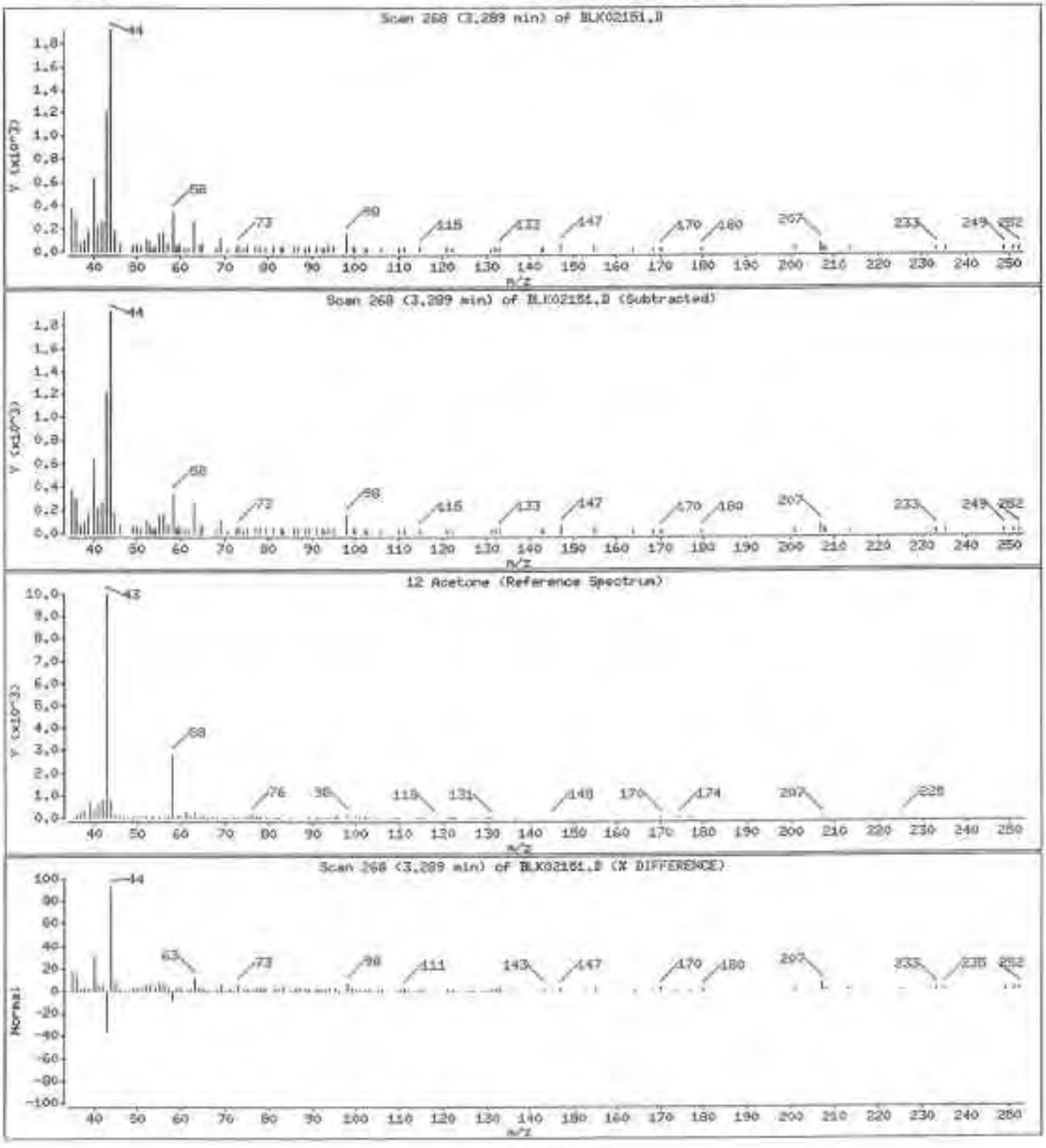
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

12 Acetone

Concentration: 1.3322 ug/L



Data File: \\organics\HD\chem\msd8.i\8Feb1507.b\BLK02151.D

Date : 15-FEB-2007 08:38

Client ID: VBLK18

Instrument: msd8.i

Sample Info: 8Feb1507.b, BLK02151

Purge Volume: 25.0

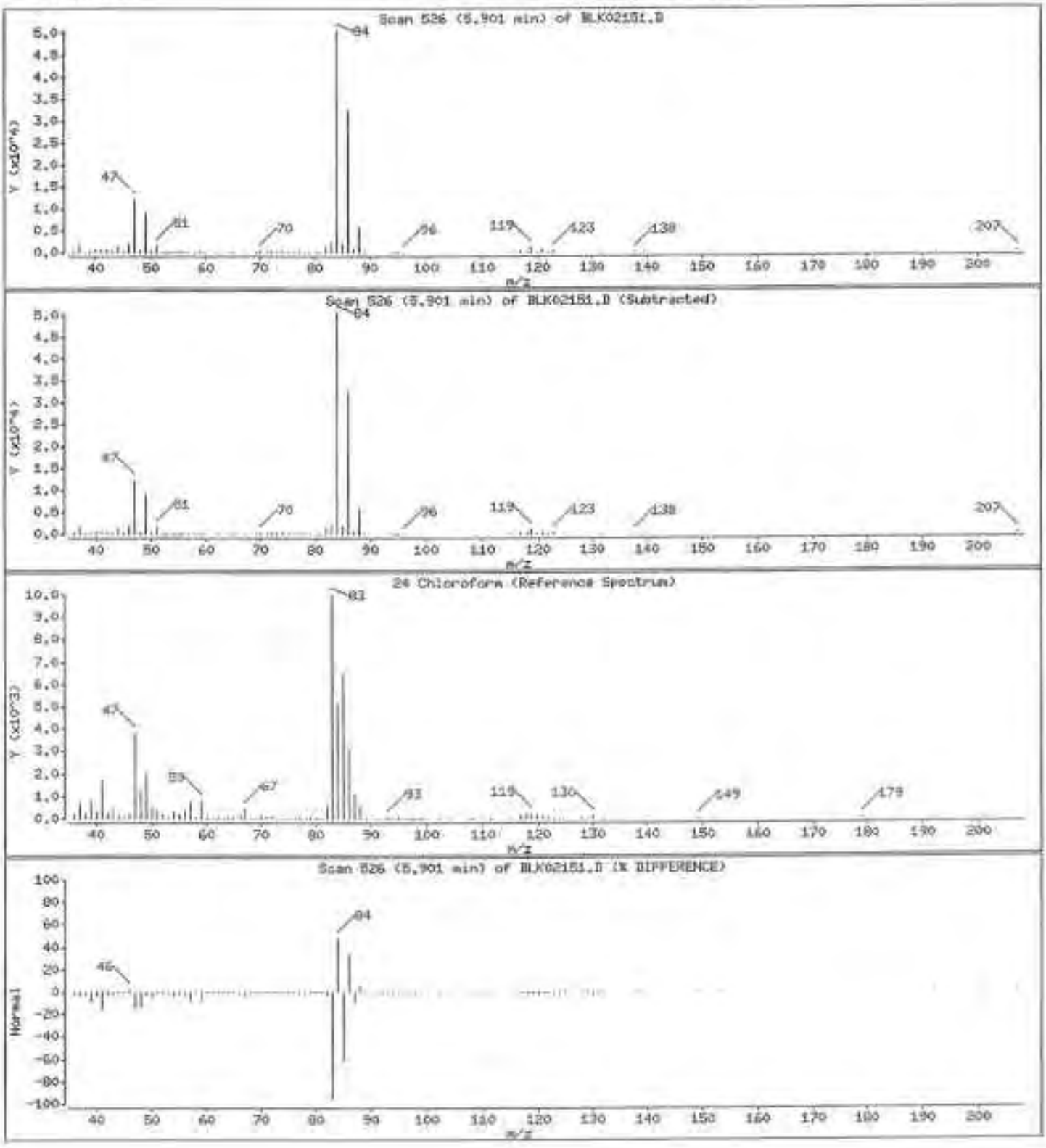
Operator: BLB

Column phase: DB-624

Column diameter: 0.25

24 Chloroform

Concentration: 0.0965 ug/L



Data File: \\organics\DD\chem\msd8.i\8feb1507.b\BLK02151.D

Date : 15-FEB-2007 08:35

Client ID: VBLK15

Instrument: msd8.i

Sample Info: 8feb1507.b, BLK02151

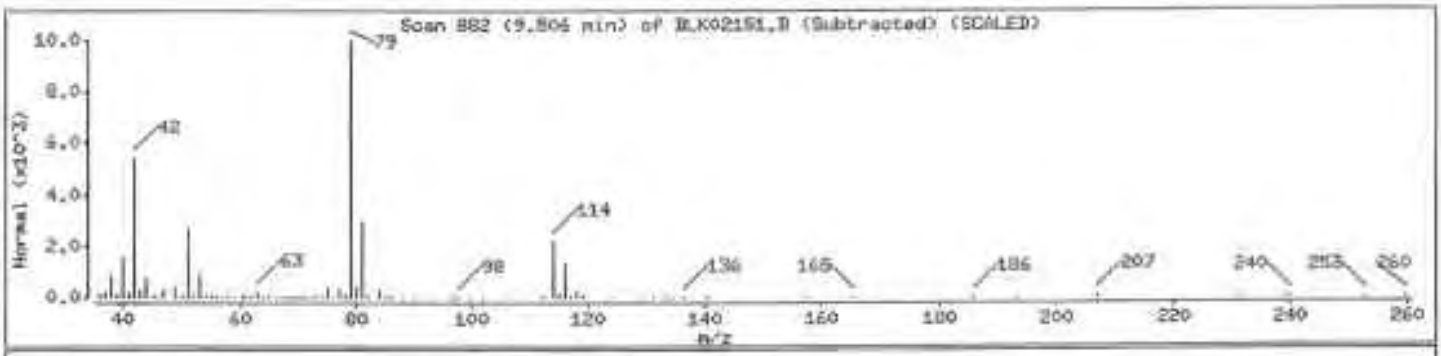
Purge Volume: 25.0

Operator: BLB

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8Feb1507.b\BLK02151.D

Date : 15-FEB-2007 08:35

Client ID: VBLK15

Instrument: msd8.i

Sample Info: 8Feb1507.b, BLK02151

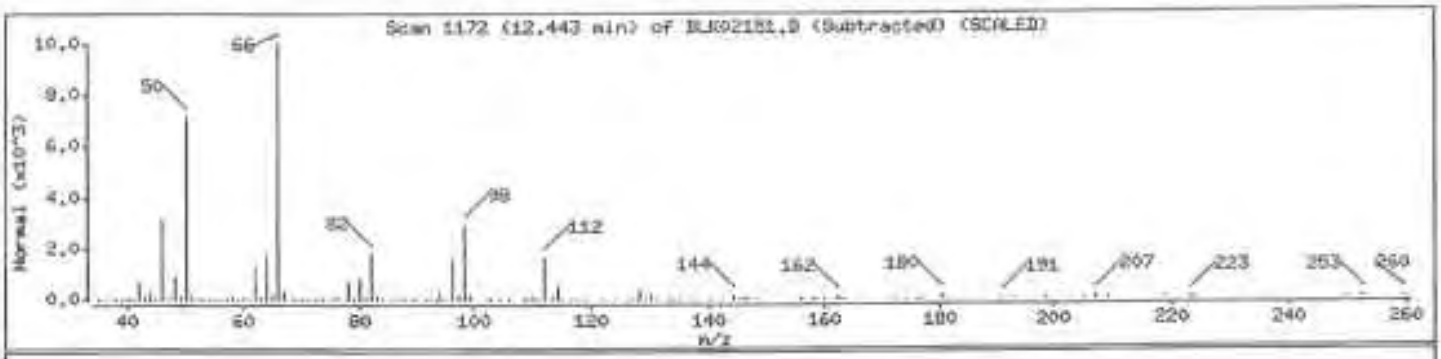
Purge Volume: 25.0

Operator: SLB

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
VBLK2A

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IQ53316-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: BLK0226

Level: (TRACE/LOW/MED) TRACE Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/26/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.061	J
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.053	J
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
VBLK2A

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IQ53316-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: BLK0226

Level: (TRACE/LOW/MED) TRACE Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/26/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
VBLK2A

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IQ53316-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: BLK0226

Level: (TRACE/LOW/MED) TRACE Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/26/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLK2A

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IQ53316-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: BLK0226

Level: (TRACE or LOW/MED) TRACE Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/26/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	12.443	1.7	J
02		Unknown-02	12.473	3.0	J
03		Unknown-03	12.564	1.8	J
04		Unknown-04	12.797	4.7	J
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb2607.b\BLK0226.D
Lab Smp Id: BLK0226 Client Smp ID: VBLK2A
Inj Date : 26-FEB-2007 06:58
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb2607.b,BLK0226
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb2607.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:19 msd8.i Quant Type: ISTD
Cal Date : 21-FEB-2007 15:28 Cal File: ICL02215A.D
Als bottle: 62 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	1	Dichlorodifluoromethane	85	1.891	1.848	(0.265)	1000	0.06064	0.0600(a)
	2	Chloromethane	50	Compound Not Detected.					
#	3	Vinyl Chloride-d3	65	1.921	1.931	(0.269)	112056	4.74700	4.7478
	4	Vinyl Chloride	62	Compound Not Detected.					
	5	Bromomethane	94	Compound Not Detected.					
#	6	Chloroethane-d5	69	2.116	2.136	(0.327)	115689	5.70852	5.7083
	7	Chloroethane	64	Compound Not Detected.					
	8	Trichlorofluoromethane	101	Compound Not Detected.					
#	9	1,1-Dichloroethene-d2	83	3.126	3.126	(0.437)	173758	3.56038	3.5603
	10	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	11	1,1-Dichloroethene	96	Compound Not Detected.					
	12	Acetone	43	Compound Not Detected.					
	13	Carbon Disulfide	76	3.410	3.418	(0.477)	3621	0.08331	0.0833(a)
	14	Methyl Acetate	43	Compound Not Detected.					
	15	Methylene Chloride	84	Compound Not Detected.					
	16	Methyl tert-Butyl Ether	73	Compound Not Detected.					
	17	trans-1,2-Dichloroethene	96	Compound Not Detected.					
	18	1,1-Dichloroethane	63	Compound Not Detected.					
#	19	2-Butanone-d5	46	5.465	5.455	(0.765)	526012	50.4447	50.4446(Q)
	20	cis-1,2-Dichloroethene	96	Compound Not Detected.					
	21	2-Butanone	43	Compound Not Detected.					
	22	Bromochloromethane	128	Compound Not Detected.					
#	23	Chloroform-d	84	5.881	5.880	(0.823)	264330	5.27293	5.3729(Q)
	24	Chloroform	83	Compound Not Detected.					

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
	25	1,1,1-Trichloroethane	97	Compound Not Detected.					
	26	Cyclohexane	56	Compound Not Detected.					
	27	Carbon Tetrachloride	117	Compound Not Detected.					
S	28	1,2-Dichloroethane-d4	65	8.490	8.616	(0.933)	134777	5.25256	5.2526(Q)
S	29	Benzene-d6	84	6.519	6.519	(0.607)	836295	5.28428	5.2842
	30	Benzene	78	Compound Not Detected.					
	31	1,2-Dichloroethane	62	Compound Not Detected.					
*	32	1,4-Difluorobenzene	114	7.146	7.146	(1.000)	444690	5.00000	
	33	Trichloroethene	95	Compound Not Detected.					
S	34	1,2-Dichloropropane-d6	67	7.683	7.683	(0.716)	181707	5.18858	5.1885
	35	Methylcyclohexane	83	Compound Not Detected.					
	36	1,2-Dichloropropane	63	Compound Not Detected.					
	37	Bromodichloromethane	83	Compound Not Detected.					
	38	1,4-Dioxane	88	Compound Not Detected.					
S	39	1,4-Dioxane-d8	96	7.963	7.956	(1.115)	19804	187.062	187.0621(Q)
S	40	trans-1,3-Dichloropropene-d4	75	8.504	8.504	(0.886)	42908	5.44043	5.4404
	41	cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42	4-Methyl-2-pentanone	43	Compound Not Detected.					
S	43	Toluene-d8	98	9.070	9.070	(0.845)	870268	5.12703	5.1270
	44	Toluene	91	Compound Not Detected.					
	45	trans-1,3-Dichloropropene	75	Compound Not Detected.					
	46	1,1,2-Trichloroethane	97	Compound Not Detected.					
	47	Tetrachloroethene	164	Compound Not Detected.					
S	48	2-Hexanone-d5	63	9.961	9.961	(0.928)	800040	52.1317	52.1316
	49	2-Hexanone	43	Compound Not Detected.					
	50	Dibromochloromethane	129	Compound Not Detected.					
	51	1,2-Dibromoethane	107	Compound Not Detected.					
*	52	Chlorobenzene-d5	117	10.731	10.731	(1.000)	411250	5.00000	
	53	Chlorobenzene	112	Compound Not Detected.					
	54	Ethylbenzene	91	Compound Not Detected.					
	55	m+p-Xylenes	106	Compound Not Detected.					
	56	o-Xylene	106	Compound Not Detected.					
	57	Styrene	104	Compound Not Detected.					
	58	Bromoform	172	Compound Not Detected.					
	59	Isopropylbenzene	105	Compound Not Detected.					
S	60	1,1,2,2-Tetrachloroethane-d2	84	11.918	11.914	(1.110)	136594	5.14527	5.1452
	61	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	62	1,3-Dichlorobenzene	146	Compound Not Detected.					
*	63	1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	197838	5.00000	
	64	1,4-Dichlorobenzene	146	Compound Not Detected.					
S	65	1,2-Dichlorobenzene-d4	152	12.959	12.959	(1.022)	270321	5.11945	5.1194
	66	1,2-Dichlorobenzene	146	Compound Not Detected.					
	67	1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
	68	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	69	1,2,3-Trichlorobenzene	180	Compound Not Detected.					
	70	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	71	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	72	tert-butyl alcohol	59	Compound Not Detected.					
	73	tert-amyl methyl ether	73	Compound Not Detected.					
	74	Ethyl tert-butyl ether	59	Compound Not Detected.					
	75	Bromobenzene	77	Compound Not Detected.					
	76	n-Butylbenzene	91	Compound Not Detected.					
	77	sec-Butylbenzene	105	Compound Not Detected.					
	78	tert-Butylbenzene	119	Compound Not Detected.					

Compounds	QUANT RIO MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
79 2-Chlorotoluene	91	Compound Not Detected.					
80 4-Chlorotoluene	91	Compound Not Detected.					
81 Dibromomethane	93	Compound Not Detected.					
82 1,3-Dichloropropane	76	Compound Not Detected.					
83 2,2-Dichloropropane	77	Compound Not Detected.					
84 1,1-Dichloropropene	75	Compound Not Detected.					
85 Hexachlorobutadiene	225	Compound Not Detected.					
86 p-Isopropyltoluene	119	Compound Not Detected.					
87 Naphthalene	128	14.316	14.316	(1.126)	5588	0.00198	0.0819(a)
88 n-Propylbenzene	91	11.966	11.966	(0.941)	2134	0.01537	0.0151(a)
89 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
90 1,2,3-Trichloropropane	110	Compound Not Detected.					
91 Hexane	57	Compound Not Detected.					
92 Isopropanol	45	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb2607.b\BLK0226.D
Lab Smp Id: BLK0226 Client Smp ID: VBLK2A
Inj Date : 26-FEB-2007 06:58
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb2607.b,BLK0226
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb2607.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:19 msd8.i Quant Type: ISTD
Cal Date : 21-FEB-2007 15:28 Cal File: ICL0221SA.D
Als bottle: 62 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

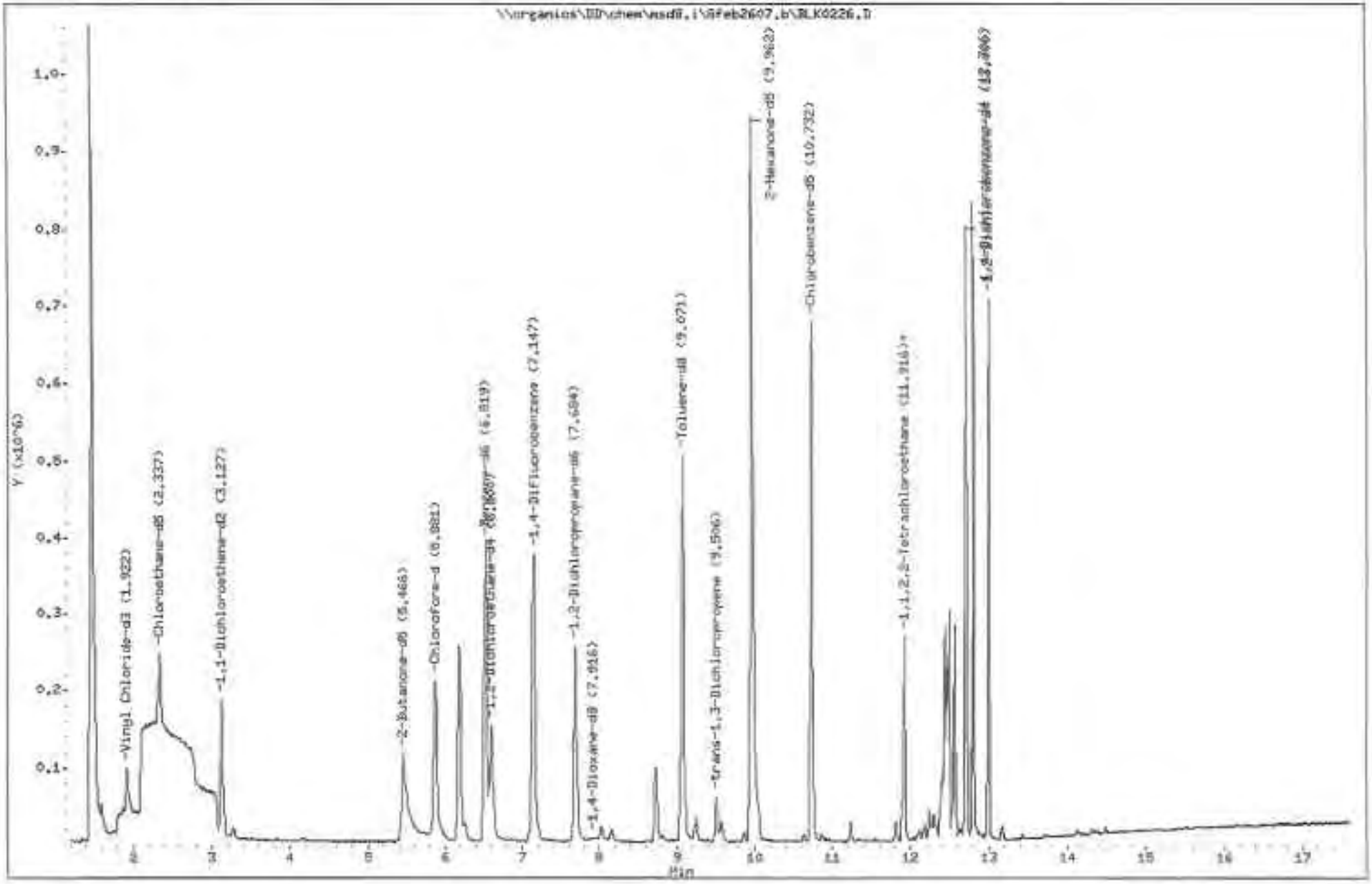
Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 63 1,4-Dichlorobenzene-d4	12.716	1276758	5.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
12.443	439722	1.68285703	1.6828	0		0	82
Unknown				CAS #:			
12.473	783313	2.99010001	2.9901	0		0	62
Unknown				CAS #:			
12.569	467375	1.78199458	1.7819	0		0	83
Unknown				CAS #:			
12.797	1805986	6.72285291	6.7229	0		0	53

Data File: \\organics\DD\chem\msd8.i\8feb2607.b\BLK0226.D
Date : 26-FEB-2007 06:08
Client ID: VBLK2A
Sample Info: 8feb2607.b,BLK0226
Purge Volume: 25.0
Column phase: DB-624

Instrument: msd8.i
Operator: BLB
Column diameter: 0.25



Data File: \\organics\DD\chem\msd8.i\8feb2607.b\BLK0226.D

Date : 26-FEB-2007 06:58

Client ID: VBLK2A

Instrument: msd8.i

Sample Info: 8feb2607.b,BLK0226

Purge Volume: 25.0

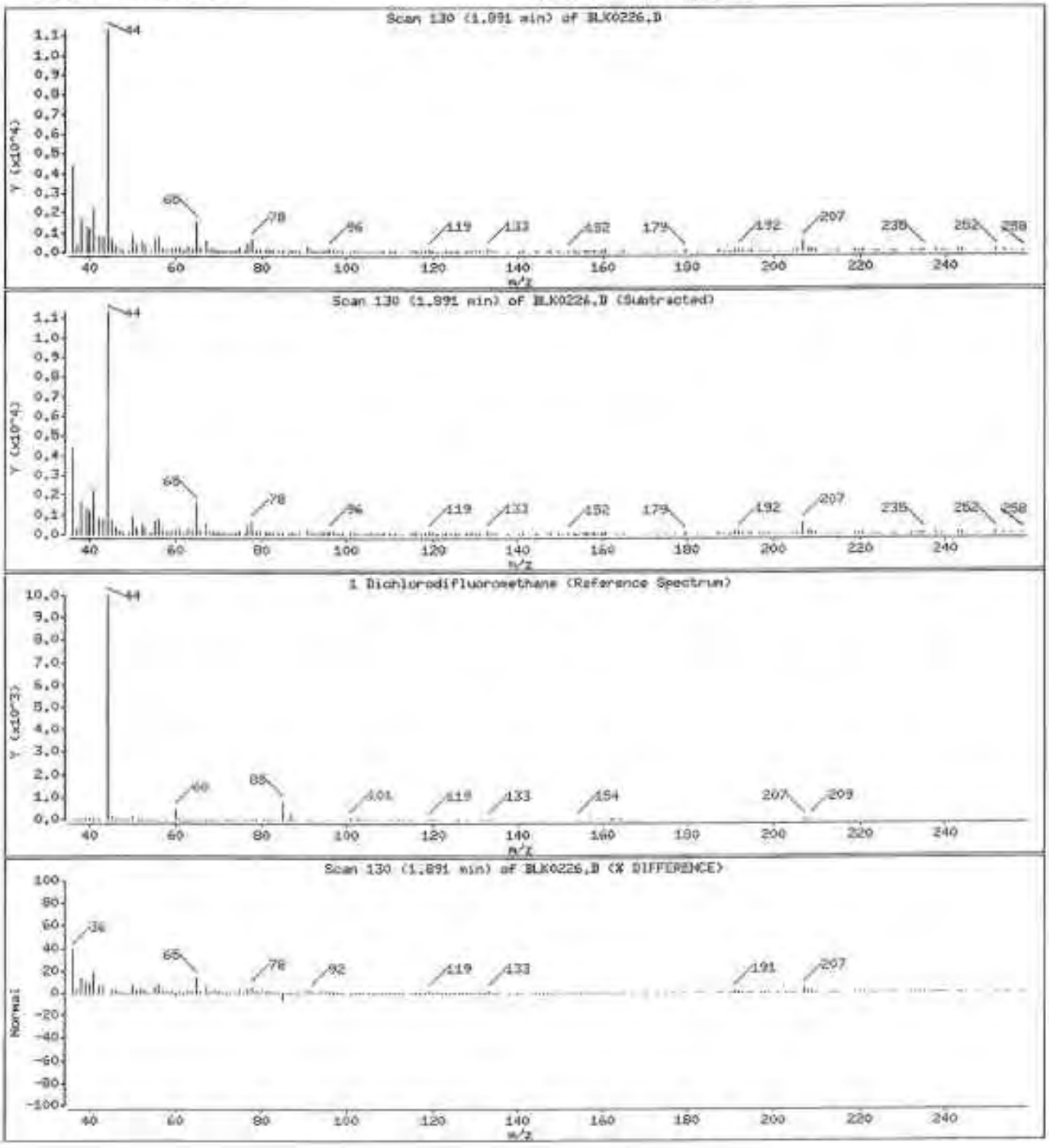
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

1 Dichlorodifluoromethane

Concentration: 0.0605 ug/L



Data File: \\organics\DB\chem\ms8.i\08feb2607.b\BLK0226.D

Date : 26-FEB-2007 06:58

Client ID: VBLK29A

Instrument: ms8.i

Sample Info: 08feb2607.b,BLK0226

Purge Volume: 25.0

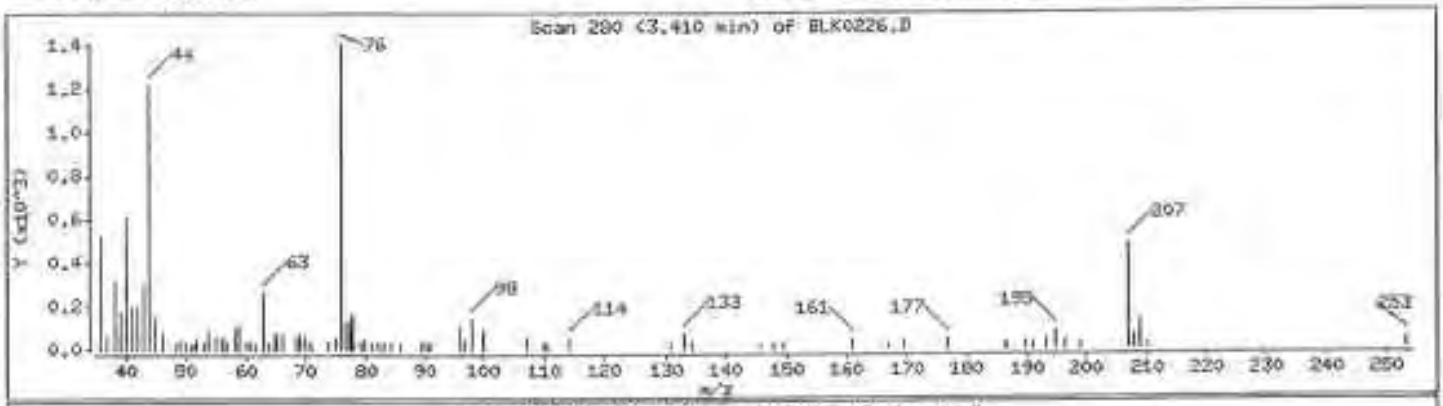
Operator: DLB

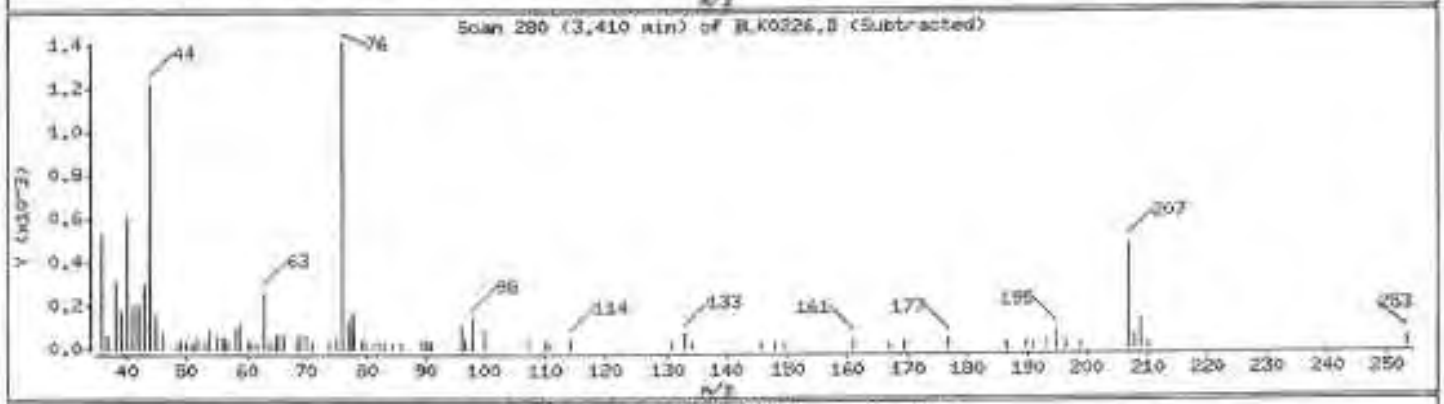
Column phase: DB-624

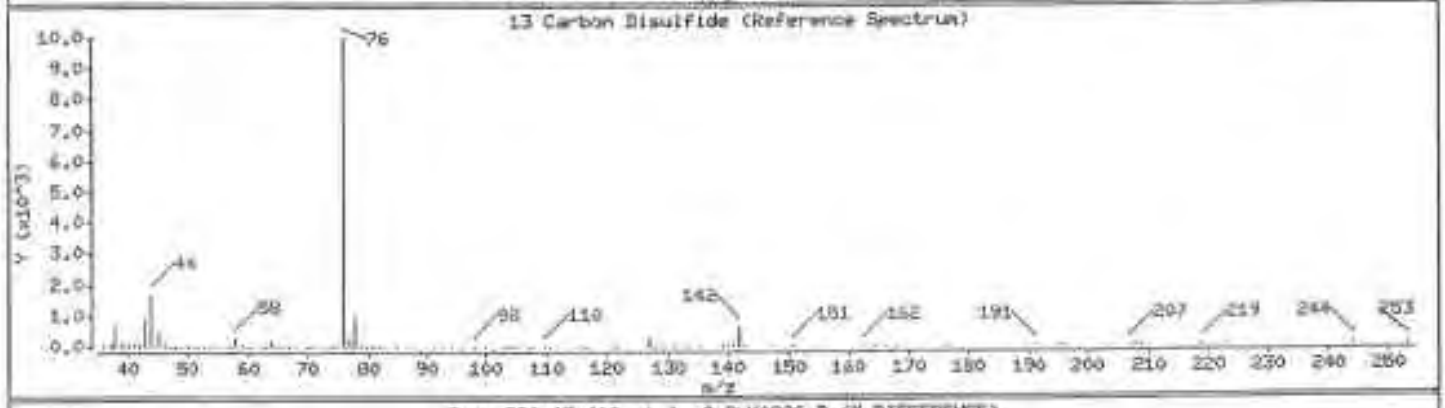
Column diameter: 0.25

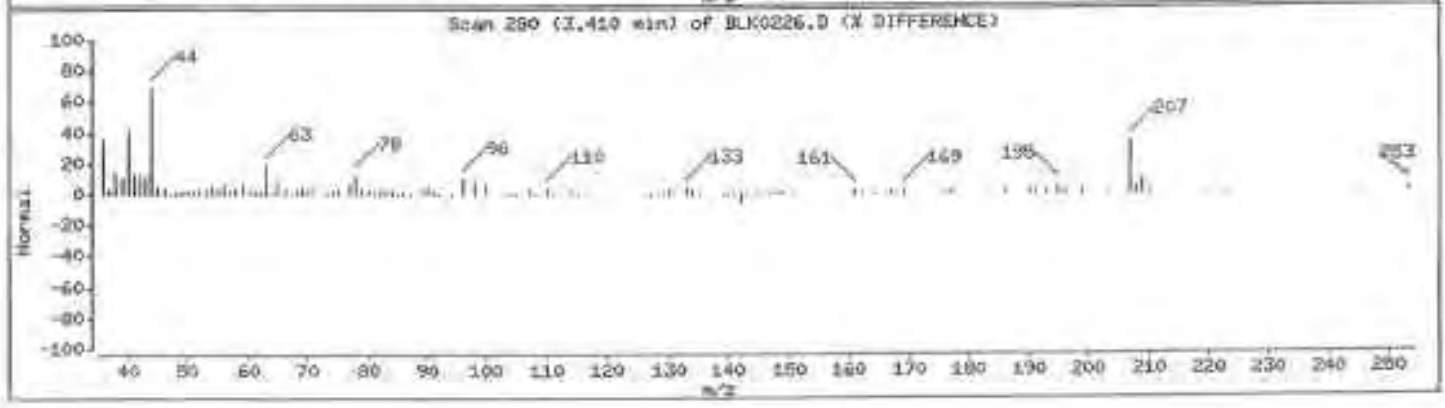
13 Carbon Disulfide

Concentration: 0.0533 ug/L









Data File: \\organics\DD\chem\msd8.i\8feb2607.b\BLK0226.D

Date : 26-FEB-2007 06:58

Client ID: VBLK2A

Instrument: msd8.i

Sample Info: 8feb2607.b,BLK0226

Purge Volume: 25.0

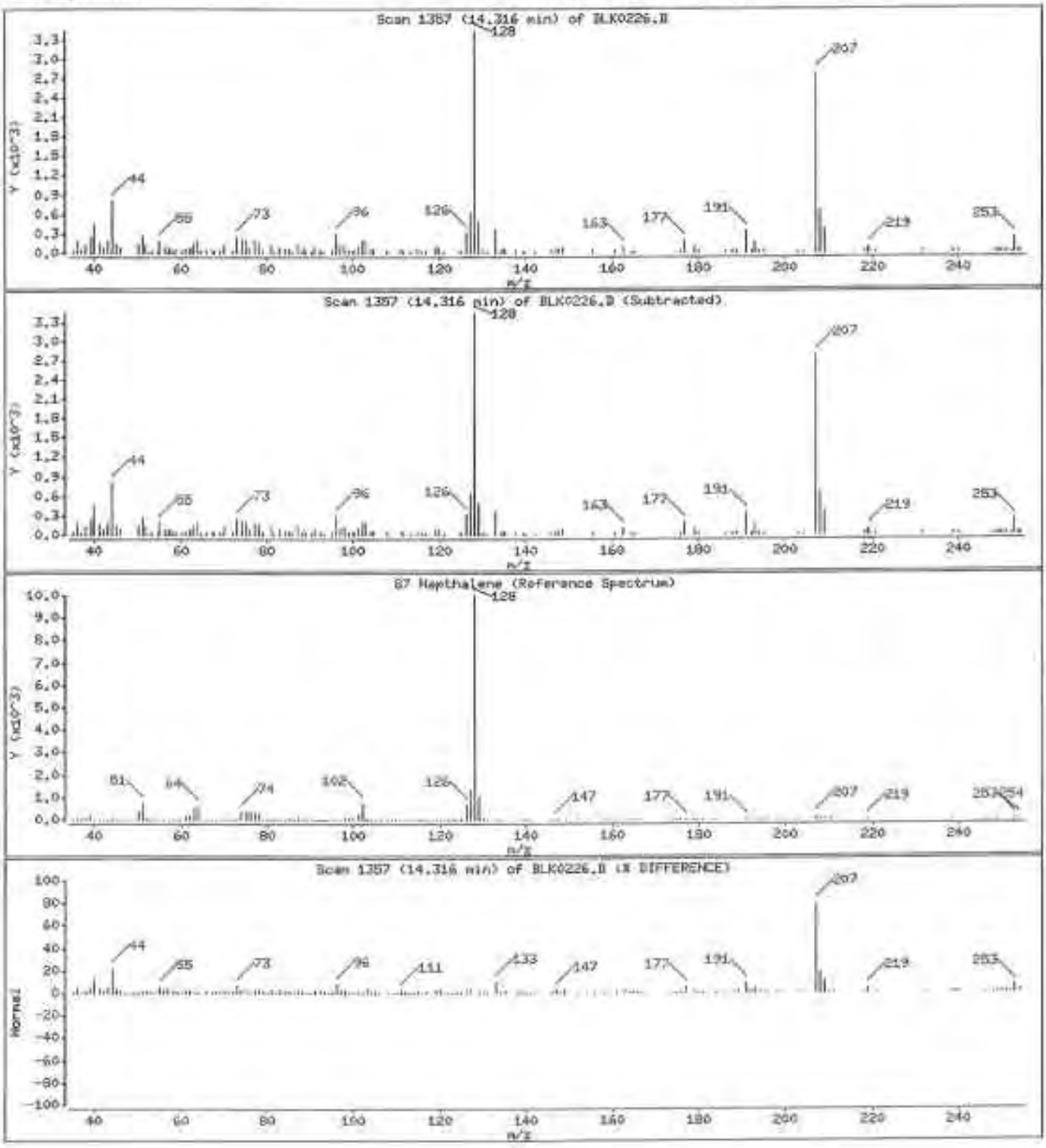
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

87 Naphthalene

Concentration: 0.0819 ug/L



Data File: \\organics\DD\chem\msd8.i\8feb2607.b\BLK0226.D

Date : 26-FEB-2007 06:58

Client ID: VBLK24

Instrument: msd8.i

Sample Info: 8feb2607.b,BLK0226

Purge Volume: 25.0

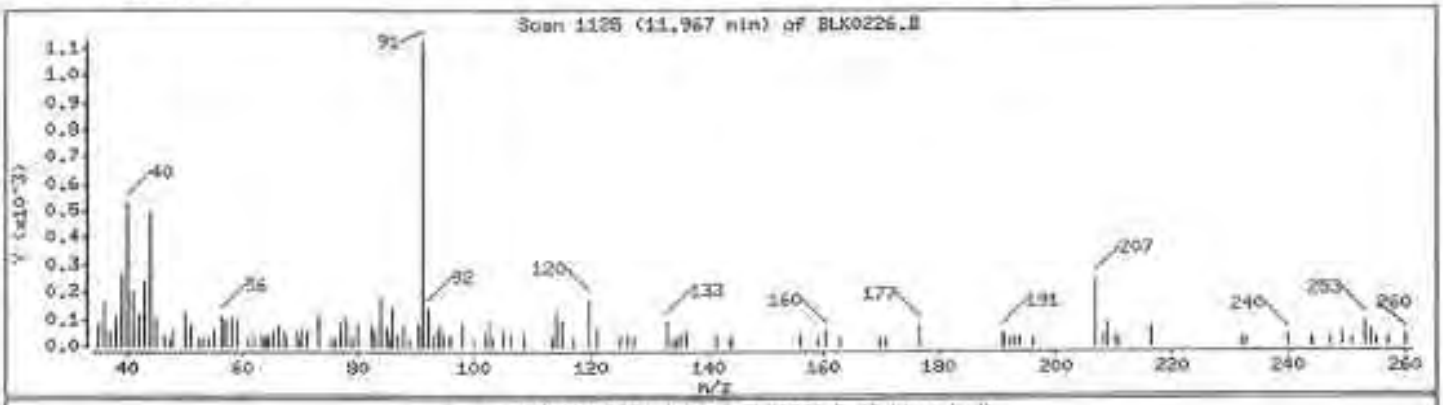
Operator: DLB

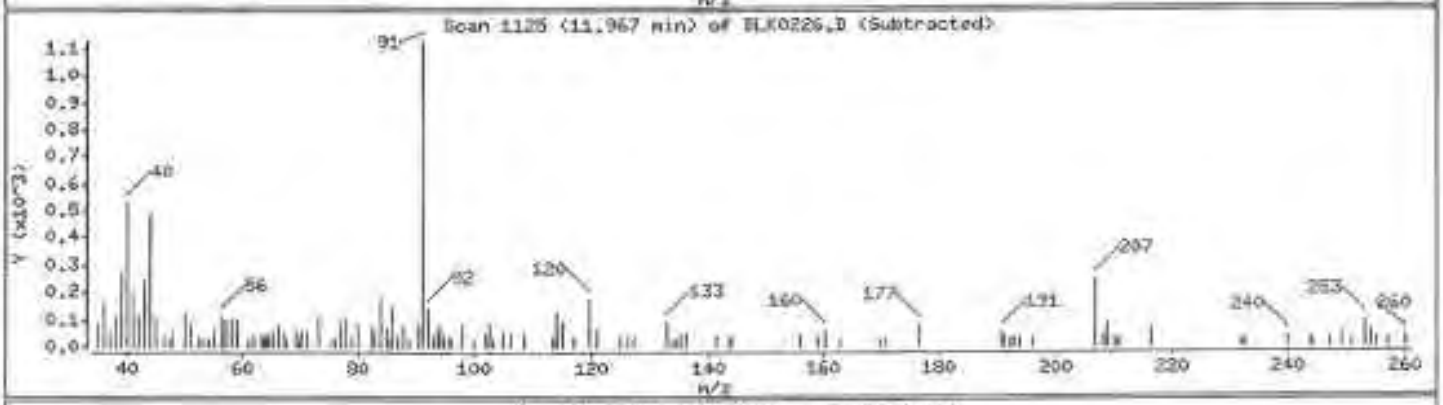
Column phase: DB-624

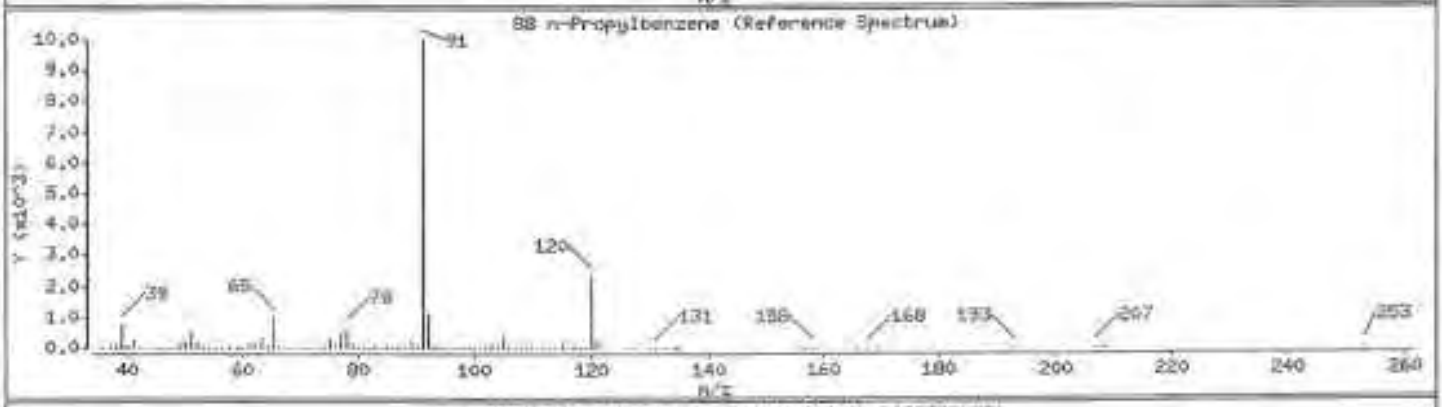
Column diameter: 0.25

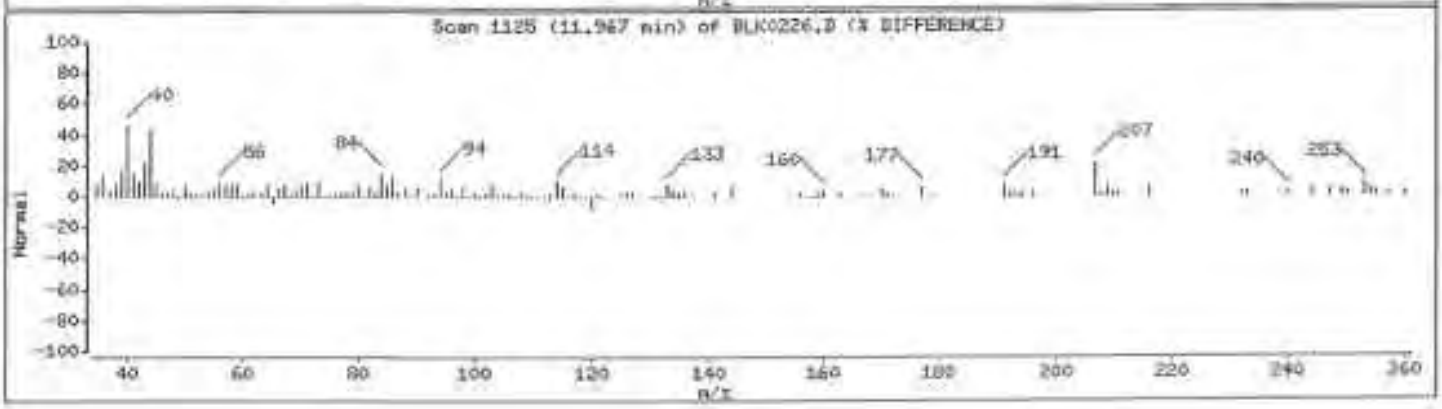
88 n-Propylbenzene

Concentration: 0.0153 ug/L









Data File: \\organics\DB\chem\msd8.i\8Feb2607.b\BLK0226.D

Date : 26-FEB-2007 06:58

Client ID: VBLK2A

Instrument: msd8.i

Sample Info: 8Feb2607.b,BLK0226

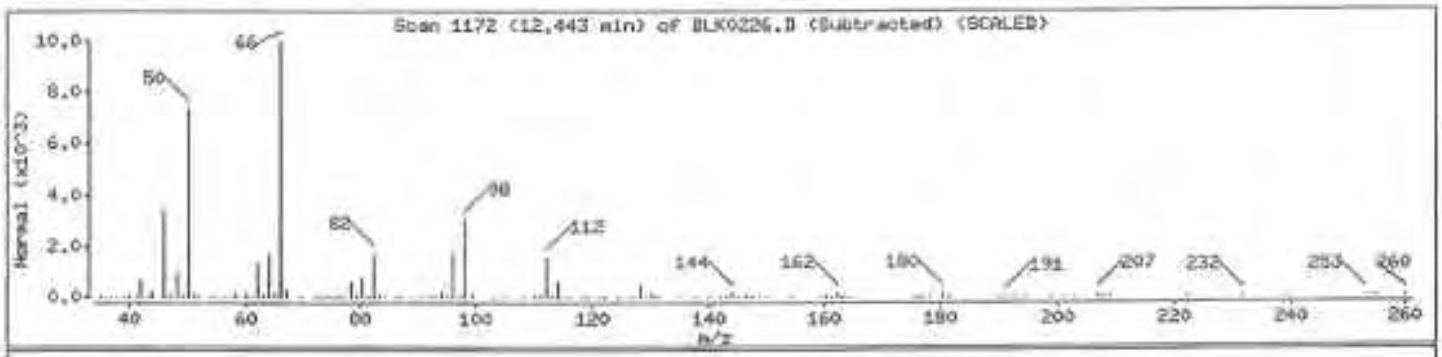
Purge Volume: 25.0

Operator: SLB

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\HP\chem\ms8.i\8feb2607.b\BLK0226.D

Date : 26-FEB-2007 06:58

Client ID: VBLK29

Instrument: ms8.i

Sample Info: 8feb2607.b,BLK0226

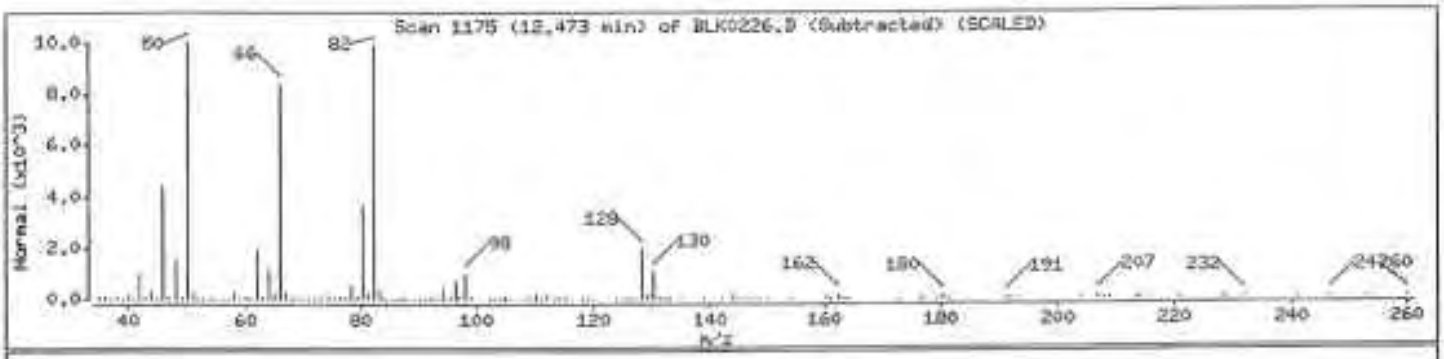
Purge Volume: 25.0

Operator: SLB

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8feb2607.b\BLK0226.D

Date : 26-FEB-2007 06:58

Client ID: VBLK2A

Instrument: msd8.i

Sample Info: 8feb2607.b,BLK0226

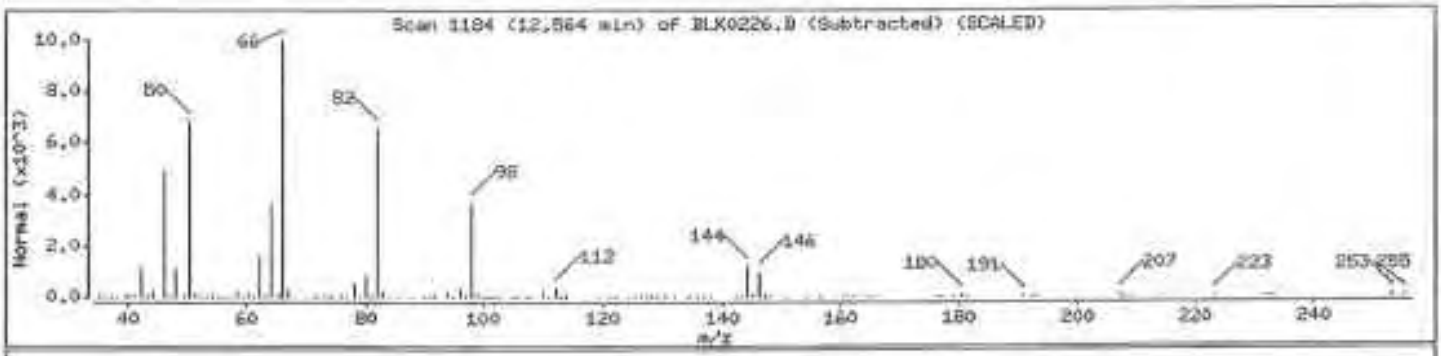
Purge Volume: 25.0

Operator: DLB

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DB\chem\msd8.i\8feb2607.b\BLK0226.D

Date : 26-FEB-2007 06:58

Client ID: VBLK2A

Instrument: msd8.i

Sample Info: 8feb2607,b,BLK0226

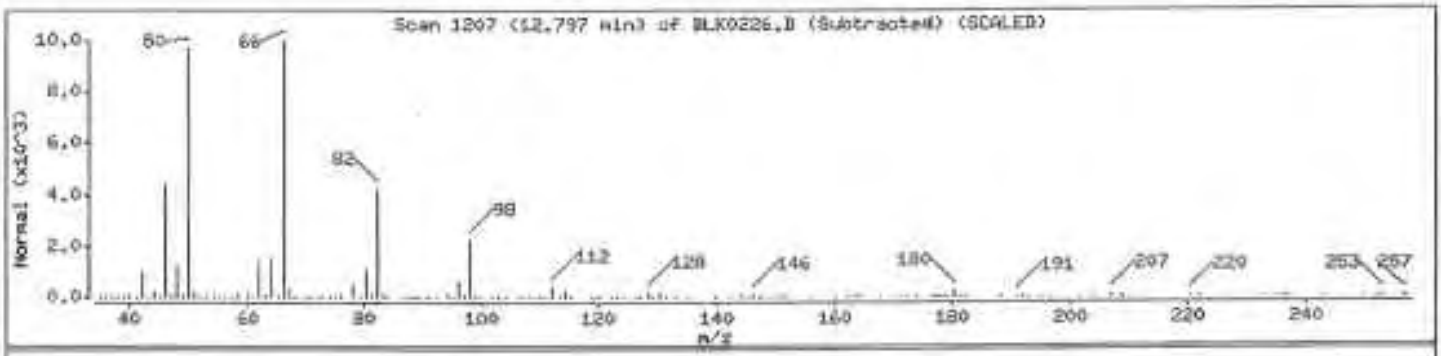
Purge Volume: 25.0

Operator: DLB

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
VHBLK96

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-010

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703010

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 02/26/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.34	J
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.040	JB
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.13	J
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
VHBLK96

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-010

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703010

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 02/26/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.022	J
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
VHBLK96

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-010

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703010

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 02/26/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VH8LK96

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB07030-010

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0703010

Level: (TRACE or LOW/MED) TRACE Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/26/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	12.443	1.7	JB
02		Unknown-02	12.473	2.9	JB
03		Unknown-03	12.564	1.8	JB
04		Unknown-04	12.797	4.5	JB
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb2607.b\B0703010.D
Lab Smp Id: IB07030-010 Client Smp ID: VHBLK96
Inj Date : 26-FEB-2007 07:57
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb2607.b, IB07030-010
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb2607.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:19 msd8.i Quant Type: ISTD
Cal Date : 21-FEB-2007 15:28 Cal File: ICL02215A.D
Als bottle: 62 QC Sample: STORAGEBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
1 Dichlorodifluoromethane	85	Compound Not Detected.					
2 Chloromethane	50	1.810	1.820	(0.253)	16122	0.33653	0.3365(a)
‡ 3 Vinyl Chloride-d3	65	1.921	1.931	(0.268)	87954	4.54209	4.5420
4 Vinyl Chloride	62	Compound Not Detected.					
5 Bromomethane	94	Compound Not Detected.					
‡ 6 Chloroethane-d5	69	2.336	2.336	(0.327)	106885	5.77475	5.7747
7 Chloroethane	64	Compound Not Detected.					
8 Trichlorofluoromethane	101	Compound Not Detected.					
‡ 9 1,1-Dichloroethene-d2	63	3.126	3.126	(0.437)	153768	3.43465	3.4348
11 1,1-Dichloroethene	96	Compound Not Detected.					
10 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
12 Acetone	43	Compound Not Detected.					
13 Carbon Disulfide	76	3.420	3.410	(0.479)	2647	0.04043	0.0404(a)
14 Methyl Acetate	43	Compound Not Detected.					
15 Methylene Chloride	84	3.815	3.815	(0.534)	2858	0.13168	0.1318(a)
16 Methyl tert-Butyl Ether	73	Compound Not Detected.					
17 trans-1,2-Dichloroethene	96	Compound Not Detected.					
18 1,1-Dichloroethane	63	Compound Not Detected.					
‡ 19 2-Butanone-d5	66	5.465	5.455	(0.765)	476411	50.1918	50.1918(Q)
20 cis-1,2-Dichloroethene	96	Compound Not Detected.					
21 2-Butanone	43	Compound Not Detected.					
22 Bromochloromethane	128	Compound Not Detected.					
‡ 23 Chloroform-d	84	5.881	5.883	(0.823)	230704	5.44886	5.4488(Q)
24 Chloroform	83	Compound Not Detected.					

			QUANT EIC					CONCENTRATIONS ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	25	1,1,1-Trichloroethane	97	Compound Not Detected.					
	26	Cyclohexane	56	Compound Not Detected.					
	27	Carbon Tetrachloride	117	Compound Not Detected.					
@	28	1,2-Dichloroethane-d4	65	6.618	6.618	(0.925)	126102	5.37840	5.3781(Q)
@	29	Benzene-d6	84	6.529	6.519	(0.608)	502851	5.39711	5.3971
	30	Benzene	78	Compound Not Detected.					
	31	1,2-Dichloroethane	62	Compound Not Detected.					
*	32	1,4-Difluorobenzene	114	7.166	7.166	(1.000)	908323	5.00000	
	33	Trichloroethene	95	Compound Not Detected.					
@	34	1,2-Dichloropropane-d6	67	7.693	7.683	(0.717)	170182	5.28032	5.2803
	35	Methylcyclohexane	83	Compound Not Detected.					
	36	1,2-Dichloropropane	63	Compound Not Detected.					
@	39	1,4-Dioxane-d8	96	7.977	7.966	(1.116)	16208	199.591	199.5905(Q)
	38	1,4-Dioxane	88	Compound Not Detected.					
	37	Bromodichloromethane	83	Compound Not Detected.					
@	40	trans-1,3-Dichloropropene-d4	79	9.616	9.606	(0.887)	36838	5.08784	5.0878
	41	cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42	4-Methyl-2-pentanone	43	Compound Not Detected.					
@	43	Toluene-d8	98	9.090	9.070	(0.846)	602976	5.31171	5.3117
	44	Toluene	91	9.181	9.181	(0.854)	2245	0.02223	0.0222(a)
	45	trans-1,3-Dichloropropene	75	Compound Not Detected.					
	46	1,1,2-Trichloroethane	97	Compound Not Detected.					
	47	Tetrachloroethene	164	Compound Not Detected.					
@	48	2-Hexanone-d5	63	9.961	9.961	(0.928)	643506	51.4030	51.4034
	49	2-Hexanone	43	Compound Not Detected.					
	50	Dibromochloromethane	129	Compound Not Detected.					
	51	1,2-Dibromoethane	107	Compound Not Detected.					
*	52	Chlorobenzene-d5	117	10.731	10.731	(1.000)	777540	5.00000	
	53	Chlorobenzene	112	Compound Not Detected.					
	54	Ethylbenzene	91	Compound Not Detected.					
	55	m+p-Xylenes	106	Compound Not Detected.					
	56	o-Xylene	106	Compound Not Detected.					
	57	Styrene	104	Compound Not Detected.					
	58	Bromoform	173	Compound Not Detected.					
	59	Isopropylbenzene	105	Compound Not Detected.					
@	60	1,1,2,2-Tetrachloroethane-d2	84	11.919	11.919	(1.110)	128193	5.14123	5.1413
	61	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	62	1,3-Dichlorobenzene	146	Compound Not Detected.					
*	63	1,4-Dichlorobenzene-d4	152	12.718	12.718	(1.000)	276582	5.00000	
	64	1,4-Dichlorobenzene	146	Compound Not Detected.					
@	65	1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	156129	5.32503	5.4252
	66	1,2-Dichlorobenzene	146	Compound Not Detected.					
	67	1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
	68	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	69	1,2,3-Trichlorobenzene	180	Compound Not Detected.					
	72	tert-butyl alcohol	59	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb2607.b\B0703010.D
Lab Smp Id: IB07030-010 Client Smp ID: VHBLK96
Inj Date : 26-FEB-2007 07:57
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb2607.b, IB07030-010
Misc Info :
Comment :
Method : \\organics\DD\chem\msd8.i\8feb2607.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:19 msd8.i Quant Type: ISTD
Cal Date : 21-FEB-2007 15:28 Cal File: ICL02215A.D
Als bottle: 62 QC Sample: STORAGEBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

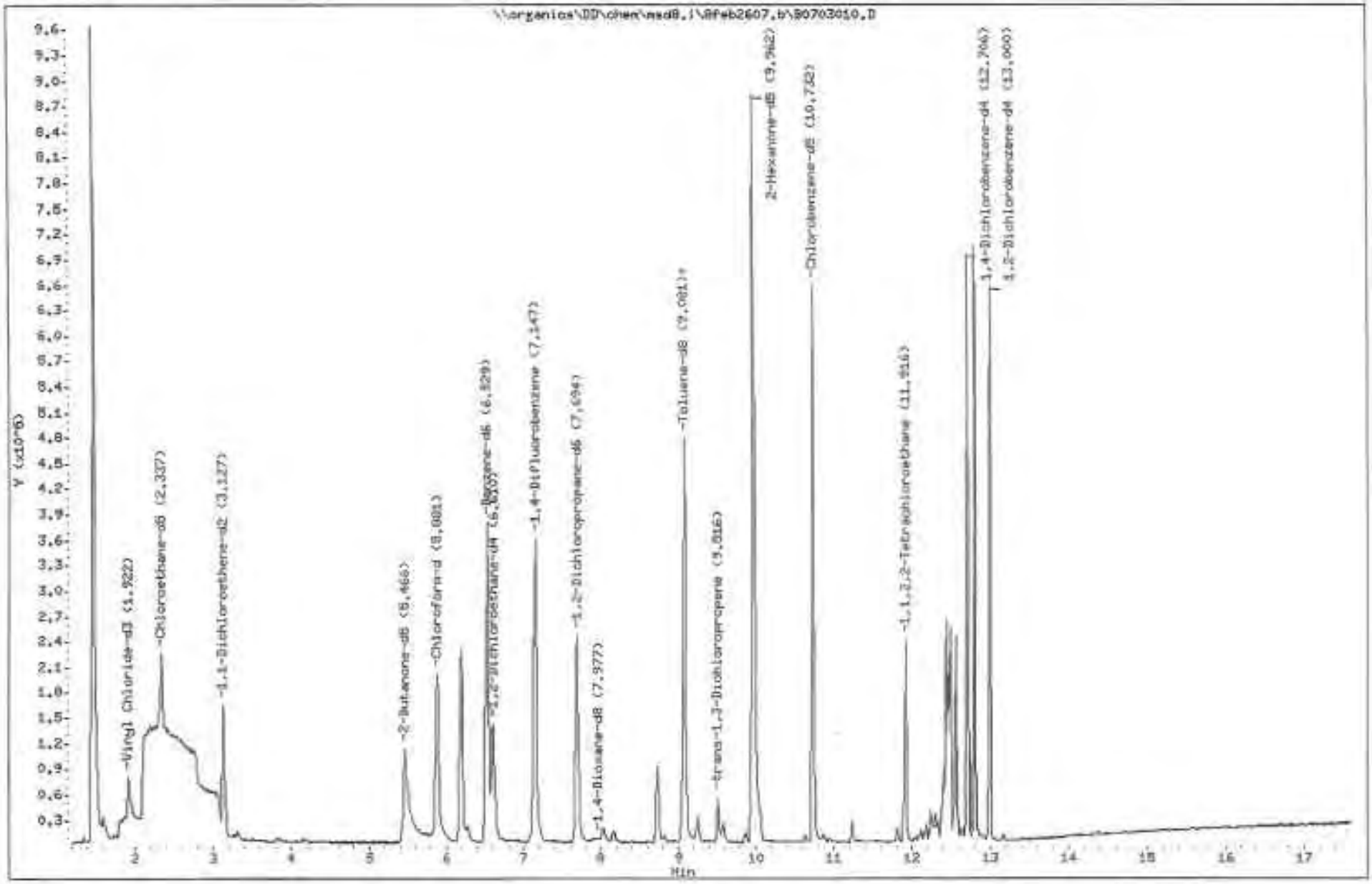
Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 63 1,4-Dichlorobenzene-d4	12.716	1162054	5.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
12.443	386363	1.66250093	1.6625	0		0	83
Unknown				CAS #:			
12.473	683101	2.93919411	2.9391	0		0	83
Unknown				CAS #:			
12.564	407861	1.75491128	1.7549	0		0	83
Unknown				CAS #:			
12.797	1036898	4.46373228	5.4637	0		0	83

Data File: \\organics\DD\chem\msd8.i\8feb2607.b\B0703010.D
Date : 26-FEB-2007 07:57
Client ID: VHBLK96
Sample Info: 8feb2607.b, IB07030-010
Purge Volume: 26.0
Column phase: DB-624

Instrument: msd8.i
Operator: DLB
Column diameter: 0.25



Data File: \\organics\GC\chem\ms68.i\8feb2607.b\B0703010.D

Date : 26-FEB-2007 07:57

Client ID: VHBLK96

Instrument: ms68.i

Sample Info: 8feb2607.b, ID07030-010

Purge Volume: 25.0

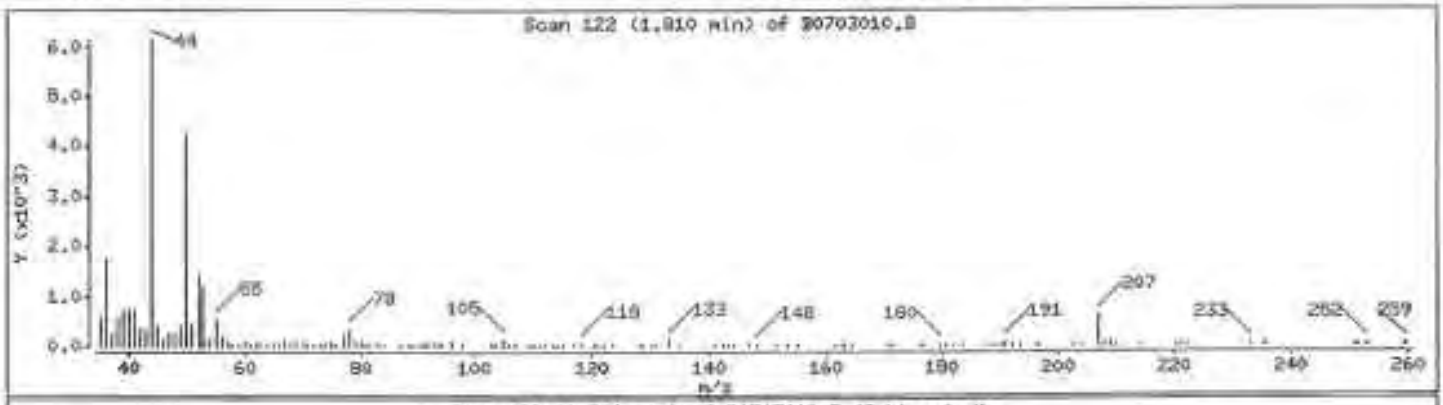
Operator: DLB

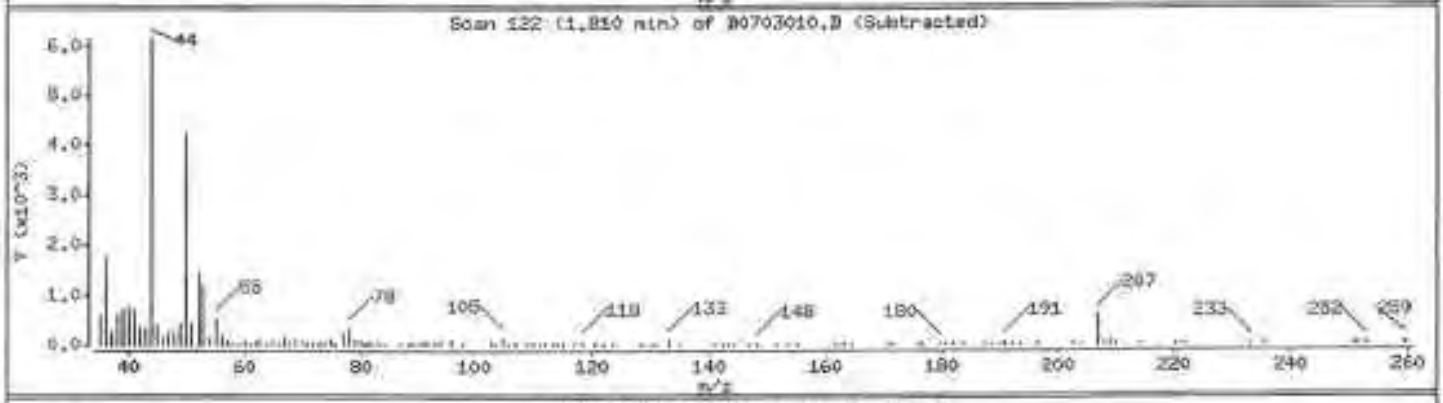
Column phase: DB-624

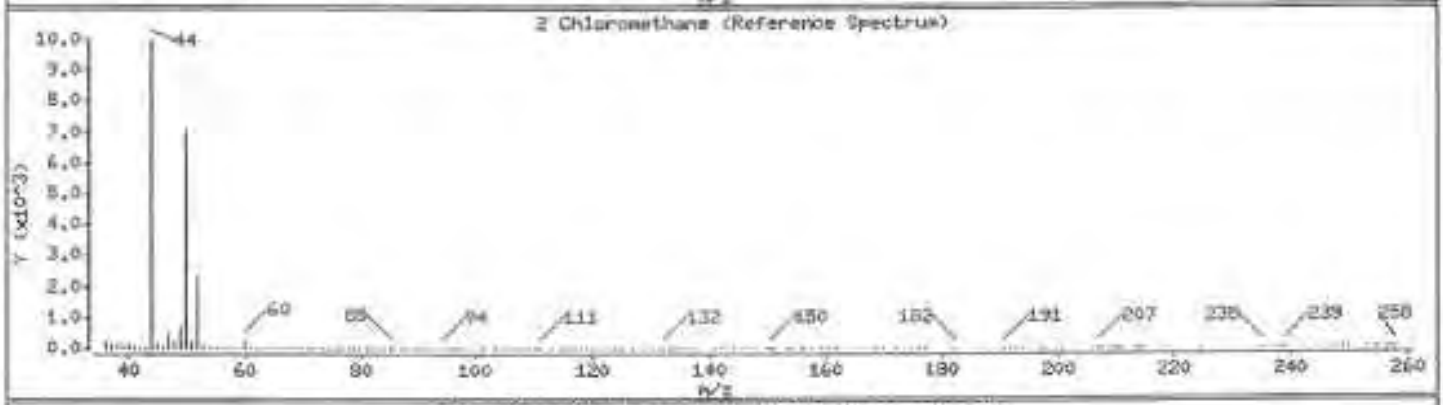
Column diameter: 0.25

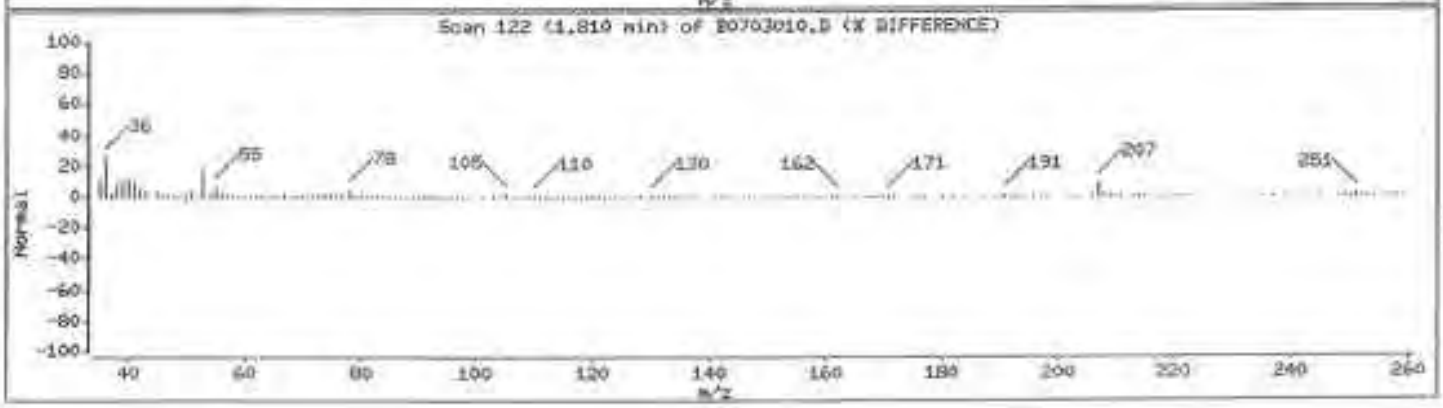
2 Chloroethane

Concentration: 0.3365 ug/L









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Date : 26-FEB-2007 07:57

Client ID: VHBLK96

Instrument: ms8.i

Sample Info: 8feb2607.b, IB07030-010

Purge Volume: 25.0

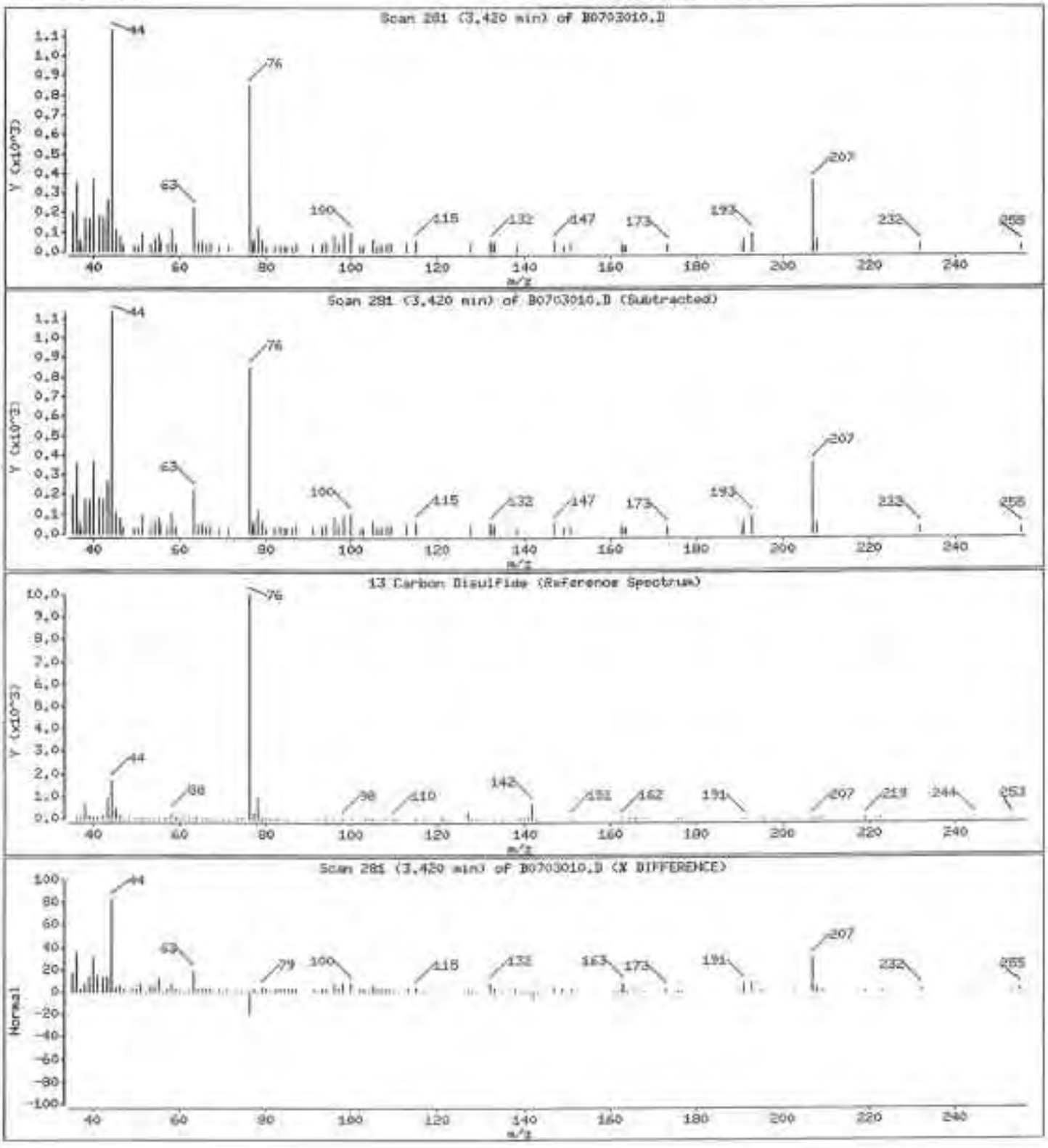
Operator: BLB

Column phase: DB-624

Column diameter: 0.25

13 Carbon Disulfide

Concentration: 0.0404 ug/L



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Date : 26-FEB-2007 07:57

Client ID: VHBLK96

Instrument: msd8.i

Sample Info: 8Feb2607.b, IB07030-010

Purge Volume: 25.0

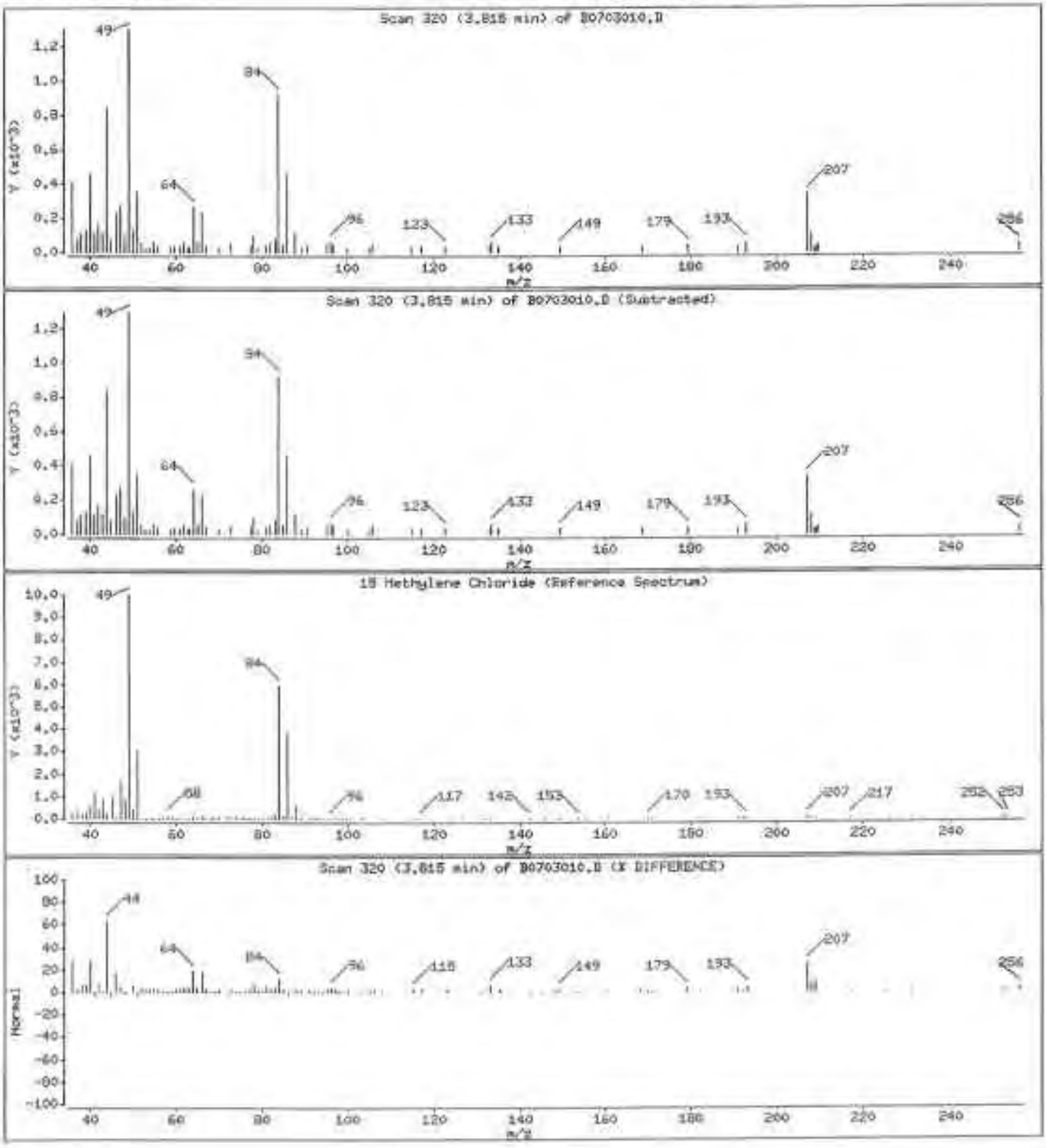
Operator: DLB

Column phase: DB-624

Column diameter: 0.25

18 Methylene Chloride

Concentration: 0.1316 ug/L



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Date : 26-FEB-2007 07:57

Client ID: VHBLK96

Instrument: ms8.i

Sample Info: 8feb2607.b, IB07030-010

Purge Volume: 25.0

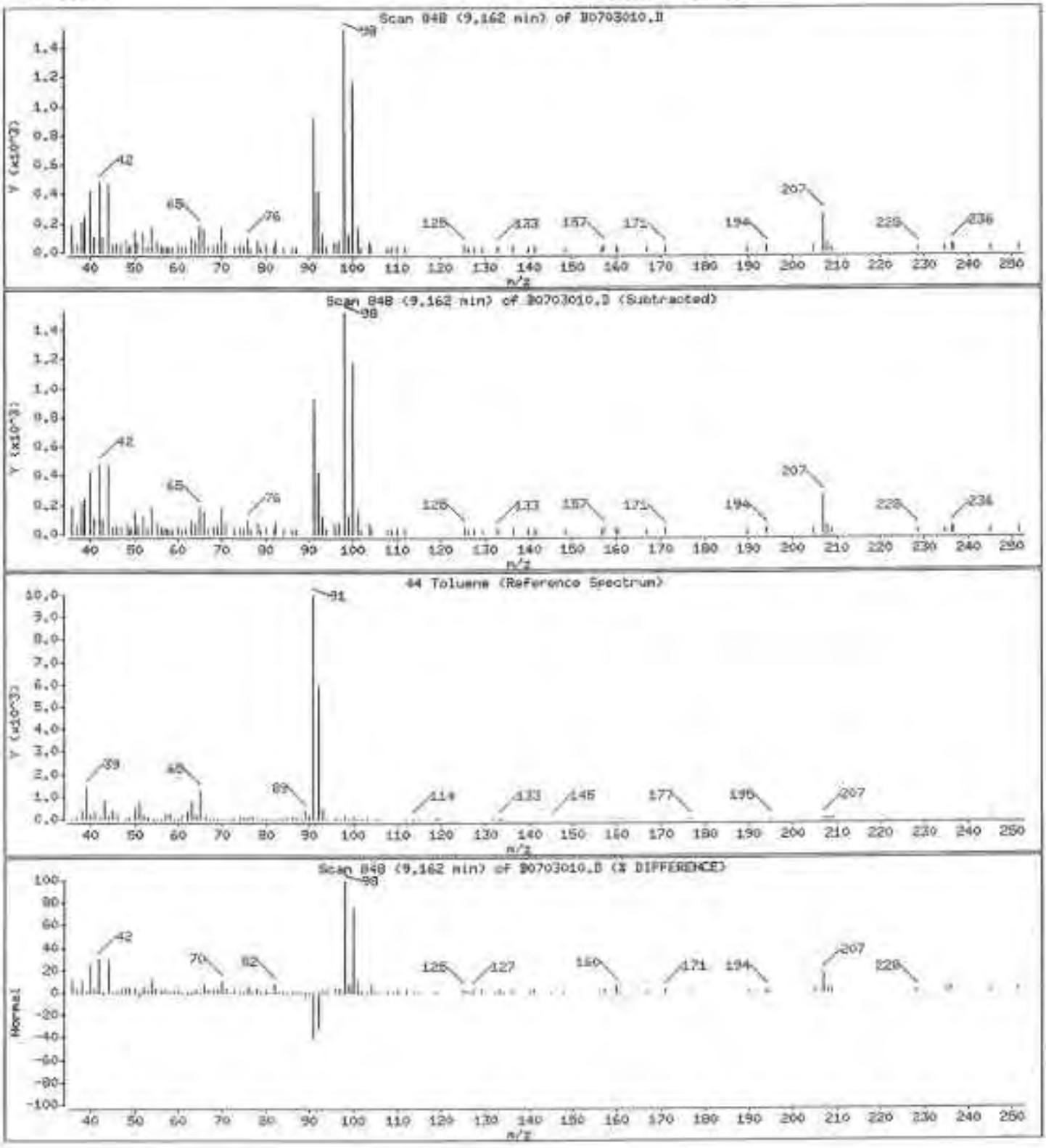
Operator: HLB

Column phase: DB-624

Column diameter: 0.25

44 Toluene

Concentration: 0.0222 ug/L



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Date : 26-FEB-2007 07:57

Client ID: VHBLK96

Instrument: ms8.i

Sample Info: 8feb2607.b, IB07030-010

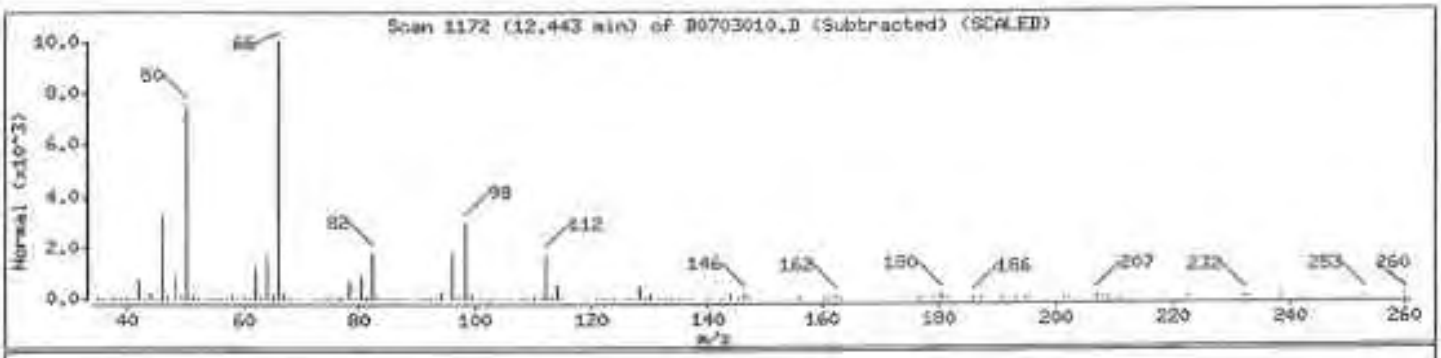
Purge Volume: 25.0

Operator: DLB

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\DD\chem\msd8.i\8Feb2607.b\B0703010.D

Date : 26-FEB-2007 07:57

Client ID: VHBLK96

Instrument: msd8.i

Sample Info: 8Feb2607.b, IB07030-010

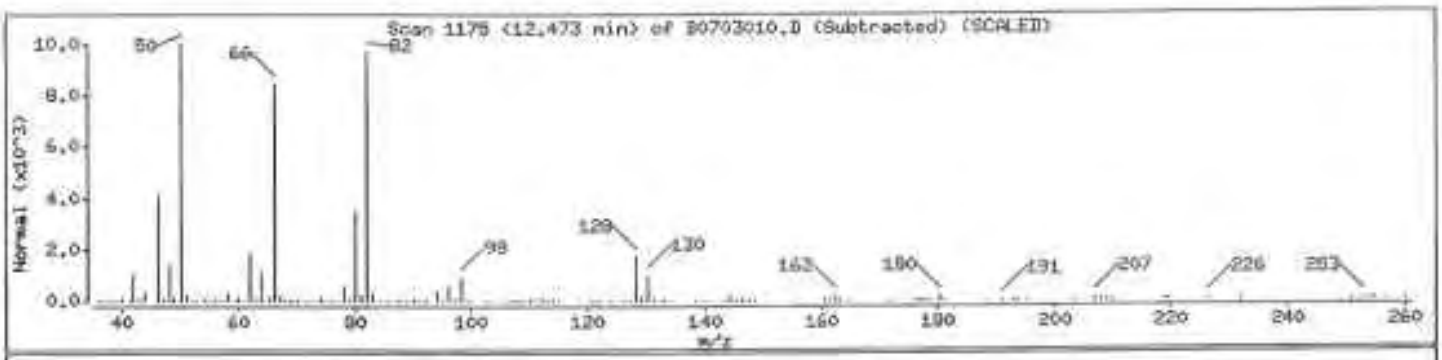
Purge Volume: 25.0

Operator: BLB

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\organics\HP\chem\msd8.i\8feb2607.b\B0703010.D

Date : 26-FEB-2007 07:57

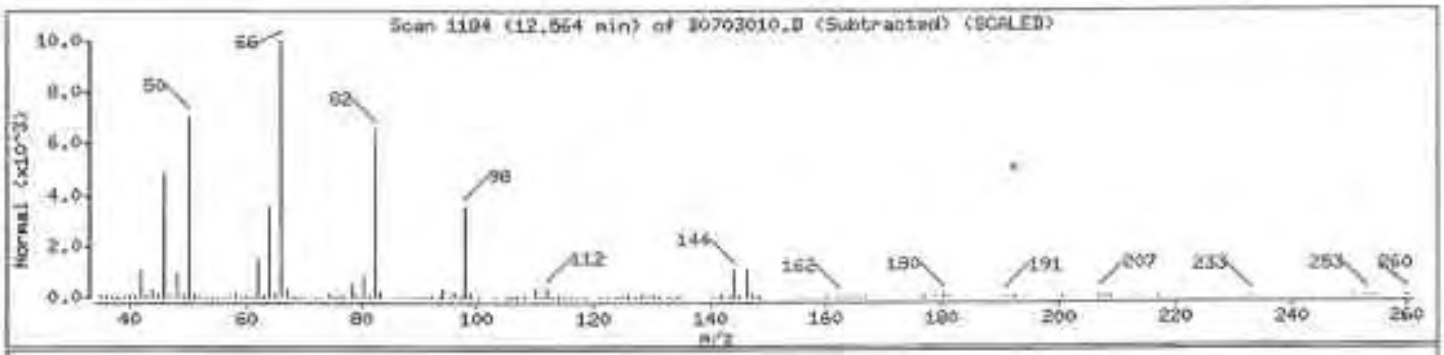
Client ID: VHBLK96 Instrument: msd8.i

Sample Info: 8feb2607.b, IB07030-010

Purge Volume: 25.0 Operator: DLB

Column phase: RB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 26-FEB-2007 07:57

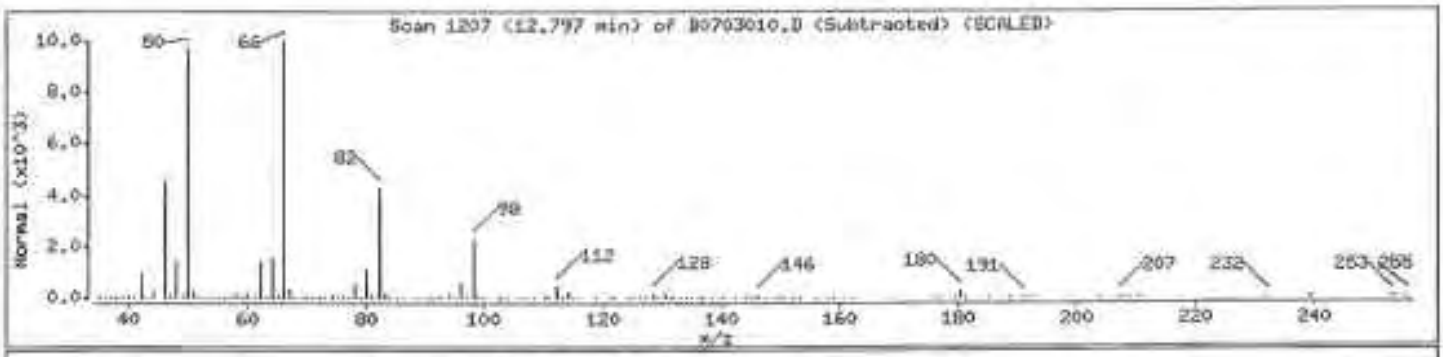
Client ID: VHBLK96 Instrument: msd8.i

Sample Info: 8feb2607.b, ID07030-010

Purge Volume: 25.0 Operator: MLB

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W9MS

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-001MS

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902501MS

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.15	J
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	5.1	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.91	
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.11	J
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.12	JB
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	4.9	
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W9MS

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-001MS

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902501MS

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	4.9	
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.12	J
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	4.8	
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.093	J
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	4.8	
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.12	J
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W9MS

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-001MS

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902501MS

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0902501MS.D
Lab Smp Id: IB09025-001MS Client Smp ID: Y34W9MS
Inj Date : 14-FEB-2007 13:41
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB09025-001
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 52 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	Compound Not Detected.					
	2 Chloromethane	50	1.810	1.810	(0.253)	7422	0.15370	0.1537(a)
S	3 Vinyl Chloride-d3	65	1.911	1.921	(0.267)	120093	4.59844	4.5984
	4 Vinyl Chloride	62	Compound Not Detected.					
	5 Bromomethane	94	Compound Not Detected.					
S	6 Chloroethane-d5	69	2.136	2.136	(0.327)	108371	4.56015	4.5601
	7 Chloroethene	64	Compound Not Detected.					
	8 Trichlorofluoromethane	101	Compound Not Detected.					
S	9 1,1-Dichloroethene-d2	65	3.136	3.136	(0.439)	174035	5.58386	5.5838
	11 1,1-Dichloroethene	96	3.157	3.157	(0.442)	160174	5.08084	5.0808
	10 1,1,2-Trichloro-1,2,2-trifluo	101	3.146	3.136	(0.439)	1993	0.90611	0.9061(Q)
	12 Acetone	43	Compound Not Detected.					
	13 Carbon Disulfide	76	3.420	3.430	(0.479)	12188	0.11136	0.1113(a)
	14 Methyl Acetate	43	Compound Not Detected.					
	15 Methylene Chloride	84	Compound Not Detected.					
	16 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	17 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	18 1,1-Dichloroethane	63	Compound Not Detected.					
S	19 2-Butanone-d5	48	5.448	5.466	(0.765)	489327	48.5793	48.5793(Q)
	20 cis-1,2-Dichloroethene	96	Compound Not Detected.					
	21 2-Butanone	43	Compound Not Detected.					
	22 Bromochloromethane	128	Compound Not Detected.					
S	23 Chloroform-d	84	5.841	5.881	(0.820)	327879	5.15440	5.1543(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	24 Chloroform	83	9.913	9.913	(0.827)	8163	0.12171	0.1217(AQU)
	25 1,1,1-Trichloroethane	97	Compound Not Detected.					
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon Tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	173747	5.34704	5.3479
$	29 Benzene-d6	84	6.529	6.529	(0.608)	717586	5.25503	5.2552
	30 Benzene	78	6.579	6.579	(0.613)	755959	4.89618	4.8961
	31 1,2-Dichloroethane	62	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	7.146	7.146	(1.000)	589347	5.00000	
	33 Trichloroethene	95	7.440	7.440	(0.693)	194122	4.93221	4.9322
$	34 1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	232813	5.23836	5.2383
	35 Methylcyclohexane	83	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
$	39 1,4-Dioxane-d8	96	7.926	7.916	(1.109)	28166	226.208	226.2049(Q)
	38 1,4-Dioxane	88	Compound Not Detected.					
	37 Bromodichloromethane	83	8.179	8.169	(0.762)	8701	0.12422	0.1242(a)
$	40 trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	118832	4.68299	4.6829
	41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	43 Toluene-d8	98	9.081	9.081	(0.846)	659540	5.11850	5.1185
	44 Toluene	91	9.132	9.132	(0.855)	786667	4.84690	4.8469
	45 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	46 1,1,2-Trichloroethane	97	Compound Not Detected.					
	47 Tetrachloroethene	164	Compound Not Detected.					
$	48 2-Hexanone-d5	63	9.961	9.962	(0.928)	569431	49.3460	49.3459
	49 2-Hexanone	43	Compound Not Detected.					
	50 Dibromochloromethane	129	10.104	10.104	(0.847)	2682	0.09305	0.0930(a)
	51 1,2-Dibromoethane	107	Compound Not Detected.					
*	52 Chlorobenzene-d5	117	10.731	10.731	(1.000)	538872	5.00000	
	53 Chlorobenzene	112	10.761	10.762	(1.003)	511439	4.79842	4.7984
	54 Ethylbenzene	91	Compound Not Detected.					
	55 m+p-Xylenes	106	Compound Not Detected.					
	56 o-Xylene	106	Compound Not Detected.					
	57 Styrene	104	Compound Not Detected.					
	58 Bromoform	173	11.631	11.631	(0.907)	1552	0.11781	0.1178(a)
	59 Isopropylbenzene	105	Compound Not Detected.					
$	60 1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.116)	189624	4.73996	4.7399
	61 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	62 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	63 1,4-Dichlorobenzene-d4	152	12.718	12.718	(1.000)	260985	5.00005	
	64 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	65 1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	227436	5.25939	5.2593
	66 1,2-Dichlorobenzene	146	Compound Not Detected.					
	67 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
	68 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	69 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
	72 tert-butyl alcohol	59	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

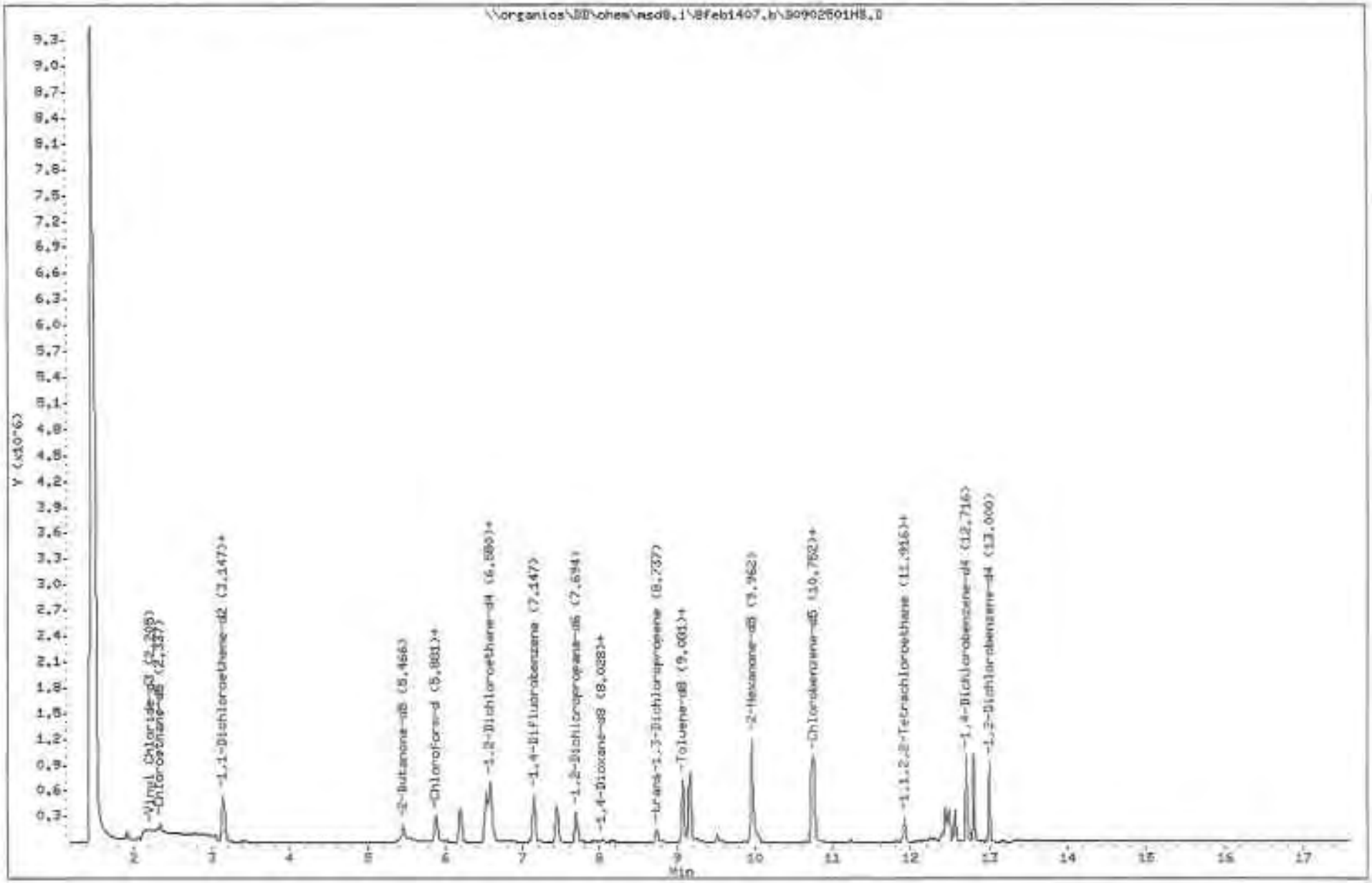
Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0902501MS.D
Lab Smp Id: IB09025-001MS Client Smp ID: Y34W9MS
Inj Date : 14-FEB-2007 13:41
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB09025-001
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 52 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\organics\DD\ohem\msd8.i\8feb1407.b\B0902501MS.D
Date : 14-FEB-2007 13:41
Client ID: Y3409MS
Sample Info: 8feb1407.b, IB09025-001
Purge Volume: 25.0
Column phase: DB-624

Instrument: msd8.i
Operator: DLD
Column diameter: 0.25



1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W9MSD

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-001MD

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902501MD

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	5.5	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.91	
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.14	J
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.12	JB
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	5.4	
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W9MSD

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-001MD

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902501MD

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-01-6	Trichloroethene	5.3	
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.084	J
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.5	
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	5.2	
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.11	J
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1 - FORM I VOA-MODIFIED
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
Y34W9MSD

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 36127 Mod. Ref No.: 1391.0 SDG No.: Y34W0

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: IB09025-001MD

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B0902501MD

Level: (TRACE/LOW/MED) TRACE Date Received: 02/08/2007

% Moisture: not dec. Date Analyzed: 02/14/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-65-0	tertiary butyl alcohol	5.0	U

Shealy Environmental Services, Inc.

Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0902S01MD.D
Lab Smp Id: IB09025-001MD Client Smp ID: Y34W9MSD
Inj Date : 14-FEB-2007 14:03
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB09025-001
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 52 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	25.000	Purge Volume in ML
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS On-COLUMN (ug/L)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	Compound Not Detected.					
	2 Chloromethane	50	Compound Not Detected.					
S	3 Vinyl Chloride-d3	65	1.911	1.921	(0.267)	122297	4.82950	4.8295
	4 Vinyl Chloride	62	Compound Not Detected.					
	5 Bromoethane	94	Compound Not Detected.					
S	6 Chloroethane-d5	69	2.336	2.336	(0.327)	110505	4.69747	4.6974
	7 Chloroethane	64	Compound Not Detected.					
	8 Trichlorofluoromethane	101	Compound Not Detected.					
S	9 1,1-Dichloroethene-d2	63	3.136	3.136	(0.439)	197408	5.71806	5.7180
	11 1,1-Dichloroethene	96	3.187	3.187	(0.462)	180551	5.54248	5.5424
	10 1,1,2-Trichloro-1,2,2-trifluo	101	3.126	3.136	(0.435)	3116	0.91329	0.9132(Q)
	12 Acetone	43	Compound Not Detected.					
	13 Carbon Disulfide	76	3.420	3.420	(0.479)	16196	0.14420	0.1441(a)
	14 Methyl Acetate	43	Compound Not Detected.					
	15 Methylene Chloride	84	Compound Not Detected.					
	16 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	17 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	18 1,1-Dichloroethane	63	Compound Not Detected.					
S	19 2-Butanone-d5	46	5.463	5.466	(0.765)	537572	51.6189	51.6189(Q)
	20 cis-1,2-Dichloroethene	96	Compound Not Detected.					
	21 2-Butanone	43	Compound Not Detected.					
	22 Bromochloromethane	128	Compound Not Detected.					
S	23 Chloroform-d	84	5.881	5.881	(0.823)	128098	5.13597	5.1359(Q)

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	26	Chloroform	83	5.911	5.911	(0.827)	8419	0.12171	0.1217(aQH)
	27	1,1,1-Trichloroethane	97	Compound Not Detected.					
	28	Cyclohexane	56	Compound Not Detected.					
	29	Carbon Tetrachloride	117	Compound Not Detected.					
S	28	1,2-Dichloroethane-d4	65	6.610	6.610	(0.925)	178620	5.34464	5.3446
S	29	Benzene-d6	84	6.529	6.529	(0.604)	750000	5.37787	5.3778
	30	Benzene	78	6.579	6.579	(0.613)	848990	5.39030	5.3903
	31	1,2-Dichloroethane	62	Compound Not Detected.					
*	32	1,4-Difluorobenzene	114	7.246	7.246	(1.000)	808127	5.00000	
	33	Trichloroethene	95	7.440	7.440	(0.693)	213618	5.31414	5.3141
S	34	1,2-Dichloropropane-d6	67	7.693	7.693	(0.717)	238964	5.22712	5.2271
	35	Methylcyclohexane	83	Compound Not Detected.					
	36	1,2-Dichloropropane	63	Compound Not Detected.					
S	37	1,4-Dioxane-d8	96	7.936	7.936	(1.111)	28467	221.141	221.1414(Q)
	38	1,4-Dioxane	88	Compound Not Detected.					
	39	Bromodichloromethane	83	8.169	8.169	(0.761)	3924	0.08373	0.0837(a)
S	40	trans-1,3-Dichloropropene-d4	79	8.736	8.736	(0.814)	128107	4.94350	4.9435
	41	cis-1,3-Dichloropropene	75	Compound Not Detected.					
	42	4-Methyl-2-pentanone	43	Compound Not Detected.					
S	43	Toluene-d8	98	9.085	9.091	(0.846)	673928	5.32100	5.3210
	44	Toluene	91	9.172	9.172	(0.855)	906286	5.46880	5.4688
	45	trans-1,3-Dichloropropene	75	Compound Not Detected.					
	46	1,1,2-Trichloroethane	97	Compound Not Detected.					
	47	Tetrachloroethene	164	Compound Not Detected.					
S	48	2-Hexanone-d5	63	9.961	9.962	(0.928)	618242	52.6771	50.8778
	49	2-Hexanone	43	Compound Not Detected.					
	50	Dibromochloromethane	129	Compound Not Detected.					
	51	1,2-Dibromoethane	107	Compound Not Detected.					
*	52	Chlorobenzene-d5	117	10.731	10.731	(1.000)	651390	5.00000	
	53	Chlorobenzene	112	10.761	10.762	(1.003)	571684	5.24329	5.2432
	54	Ethylbenzene	91	Compound Not Detected.					
	55	m,p-Xylenes	106	Compound Not Detected.					
	56	o-Xylene	106	Compound Not Detected.					
	57	Styrene	104	Compound Not Detected.					
	58	Bromoform	173	11.533	11.533	(0.967)	1698	0.10160	0.1116(a)
	59	Isopropylbenzene	105	Compound Not Detected.					
S	60	1,1,2,2-Tetrachloroethane-d2	84	11.916	11.916	(1.110)	167235	4.86217	4.8621
	61	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	62	1,3-Dichlorobenzene	146	Compound Not Detected.					
*	63	1,4-Dichlorobenzene-d4	152	12.716	12.716	(1.000)	296279	5.00000	
	64	1,4-Dichlorobenzene	146	Compound Not Detected.					
S	65	1,2-Dichlorobenzene-d4	152	12.999	12.999	(1.022)	233698	5.09157	5.0915
	66	1,2-Dichlorobenzene	146	Compound Not Detected.					
	67	1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
	68	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	69	1,2,3-Trichlorobenzene	180	Compound Not Detected.					
	72	tert-butyl alcohol	59	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Shealy Environmental Services, Inc.

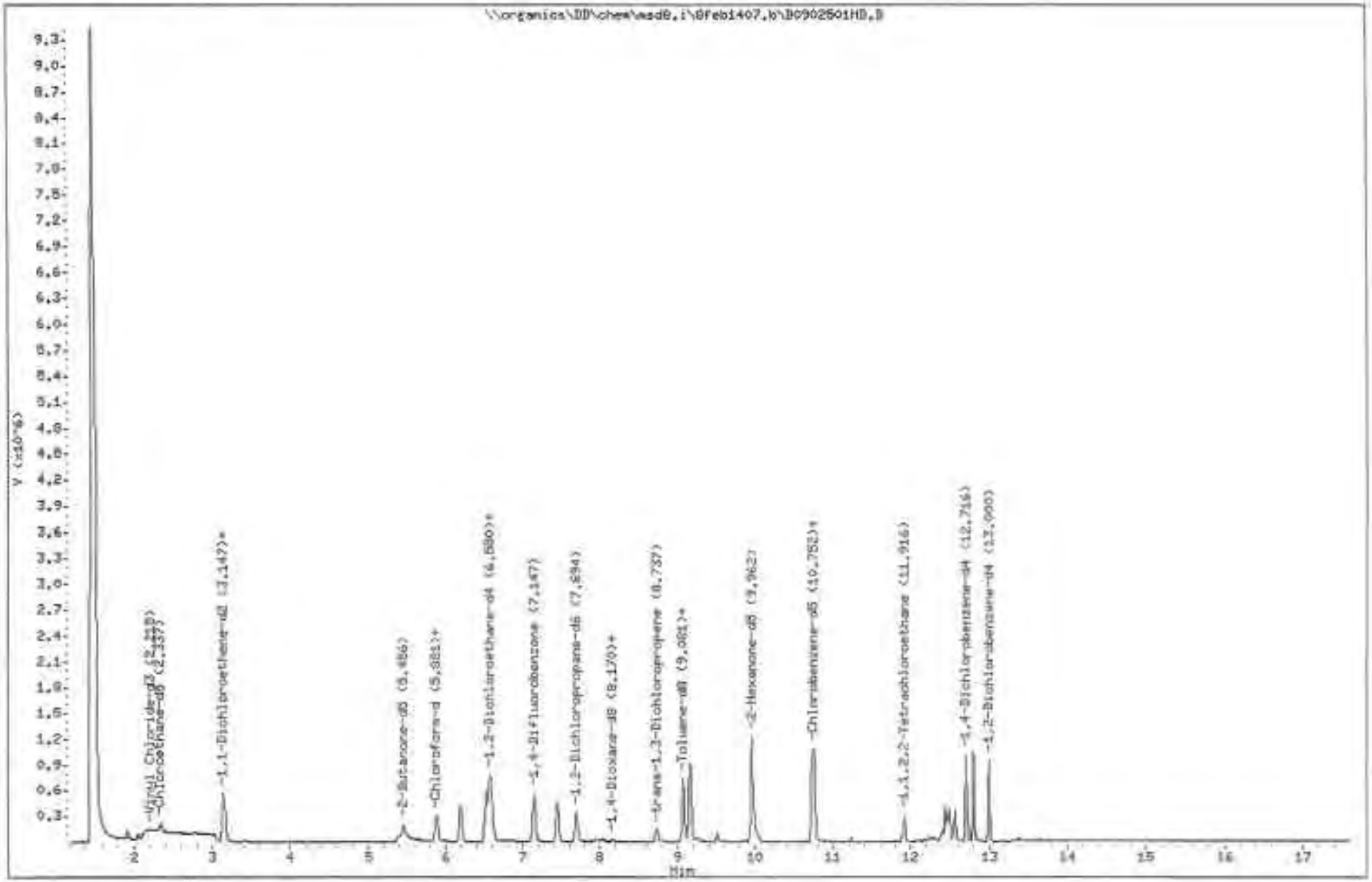
Data file : \\organics\DD\chem\msd8.i\8feb1407.b\B0902501MD.D
Lab Smp Id: IB09025-001MD Client Smp ID: Y34W9MSD
Inj Date : 14-FEB-2007 14:03
Operator : DLB Inst ID: msd8.i
Smp Info : 8feb1407.b, IB09025-001
Misc Info :
Comment :
Method : \\ORGANICS\DD\chem\msd8.i\8feb1407.b\TRACE1359.m
Meth Date : 01-Mar-2007 08:17 msd8.i Quant Type: ISTD
Cal Date : 13-FEB-2007 12:14 Cal File: ICL02132.D
Als bottle: 52 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1391.sub
Target Version: 4.14
Processing Host: ORGANICS-RZ

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\organics\DD\chem\msd8.i\8feb1407.b\B0902501HD.D
Date : 14-FEB-2007 14:03
Client ID: V34W3MSD
Sample Info: 8feb1407.b, IB09025-001
Purge Volume: 25.0
Column phase: DB-624

Instrument: msd8.i

Operator: DLB
Column diameter: 0.25



Shealy Environmental Services, Inc.
Document Number: F-VO-026
Revision Number: 3

Replaces Date: 07/19/04
Effective Date: 07/06/06

GC/MS VOC Instrument Run Log MSD 8

Batch #: T052625 ~~T052624~~ Matrix: A / LL / M / N Date: 2.13.07 Analyst: DKB Level 2 Rev: _____

Col Type: DB624 Length: 30 m I.D.: 0.25 mm Flow Rate: 0.8 mL/min Film thickness: 1-4 microns

1 µL of IS STD # SOMT into 25 mL. (IS is added to samples, Batch QC / ICAL / CCV) 5 / 10 / or 25 mL Purged

10 µL of SS STD # SOMT into 40 mL. (SS added to samples only. Refer to VOMS sheets for Batch QC/ICAL/CCV surrogate conc.)

Seq #	File Name	Sample Lot #	Standard ID	Method / Sub-list	DF	pH	µL Spike (mL final vol)	Comments (Lot# for 1g of Na Bisulfate or 5 g of Ottawa Sand)
1	—	BFB0213	NA		1	NA	NA	
2	—	BFB02131						
3	—	BLK				<2		
4	BFB13	BFB02132		SOMBFB		NA		PASS 1052
5	VSTD0013	ICL02135		TARGE		<2		PASS
6	0013	4						
7	0013	3						
8	0013	2						
9	0513	1						
10	VBLK13	BLK0213						PASS
11	B0903902	IB09039-002						
12	MS	MS	SOMT				10/40	
13	MSD	MSD	SOMT					
14	3	3	NA				NA	
15	B09030020MS	IB09038-020MS	SOMT				10/40	
16	MSD	MSD	SOMT					
17	B0806021	IB08062-021	NA				NA	
18	B02007160	IB02007-016	D		2			Re 2X DNR PE
19	B030080 JD	IB03008-005	D		10			Re 10X DNR PE
20	B0300509	IB03005-009			1			
21	B0906713	IB09067-013						
22	18	18						
23	B0904104	IB09041-004						
24	1	1						PE
25	B0903324	IB09033-024						
26	B0903904	IB09039-004						1112 (2x) (2x) PE
27	B0906721	IB09067-021						
28	B0903905	IB09039-005						
29	B0904105	IB09041-005						
30	VSTD005	END13				<2		2045
31						<2		DNR
32						<2		DNR

R = Reanalyze
S = Surrogate Failure
CO = Carry Over
E = Exceeds Cal Range
NA = Not Analyzed
L = Lesser dilution required
NR = Not Reported
I = IS Failure
C = Confirms

Matrix: Aqueous/Low Level Soil (5035)/Methanol, High Level Soil/Non-Aqueous Liquid

Shealy Environmental Services, Inc.
Document Number: F-VO-026
Revision Number: 3

Replaces Date: 07/19/04
Effective Date: 07/06/06

GC/MS VOC Instrument Run Log MSD 8

Batch #: IB52698 Matrix: A / LL / M / N Date: 21407 Analyst: DB Level 2 Rev: _____
Col Type: DB624 Length: 30 m I.D.: 0.25 mm Flow Rate: 0.8 mL/min Film thickness: 1.4 microns
1 µL of IS STD 50mL into 25 mL (IS is added to samples, Batch QC / ICAL / CCV) 5 / 10 / or 25 mL Purged
10 µL of SS STD 50mL into 40 mL (SS added to samples only. Refer to VOMS sheets for Batch QC/ICAL/CCV surrogate conc.)

Seq #	File Name	Sample Lot #	Standard ID	Method / Sub-list	DF	pH	µL Spike /mL final vol	Comments (Lot# for 1g of Na Bisulfate or 5 g of Ottawa Sand)
1	—	BFB0214	NA		1	NA	NA	
2	—	CCV0214				<2		
3	—	BLK0214				d		
4	—	BFB02141				NA		
5	—	CCV02141				<2		
6	—	BLK02141				d		
7	BFB14	BFB02142		SUMBFB		NA		PASS 0742
8	VSTD005M	CCV02142		Trace		<2		
9	VBLK14	BLK02142				d		
10	B0902707	IB09022007				<2		
11	8	8						
12	9	9						
13	17	17						
14	18	18						
15	19	19						
16	21	21						
17	09	09 e						
18	10	10						
19	B02007160	IB02007-160			2			
20	B03008 5D	IB03008-005D			10			
21	B0903904A	IB09039-004D			2			
22	B0902501	IB09025-001			1			
23	MS	MS	50mT				10/40	
24	MD	MD	d				d	
25	2	2	NA				NA	
26	3	3						
27	4	4						
28	5	5						
29	6	6						
30	7	7						
31	B0703011	IB07030-001						
32	2	2						

R = Reanalyze E = Exceeds Cal Range L = Lesser dilution required I = IS Failure
S = Surrogate Failure NA = Not Analyzed NR = Not Reported C = Confirms
CO = Carry Over Matrix: Aqueous/Low Level Soil (5035)/Methanol, High Level Soil/Non-Aqueous Liquid

Shealy Environmental Services, Inc.
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Effective Date: 07/06/06

Cert from Prev. Page

GC/MS VOC Instrument Run Log MSD 8

Batch #: _____ Matrix: A / LL / M / N Date: _____ Analyst: _____ Level 2 Rev: _____

Col Type: _____ Length: _____ m I.D.: _____ mm Flow Rate: _____ ml/min Film thickness: _____ microns

____ µL of IS STD # _____ into _____ mL (IS is added to samples, Batch QC / ICAL / CCV) 5 / 10 / or 25 mL Purged

____ µL of SS STD # _____ into _____ mL (SS added to samples only. Refer to VOMS sheets for Batch QC/ICAL/CCV surrogate conc.)

Seq #	File Name	Sample Lot #	Standard ID	Method / Sub-list	DF	pH	µL Spike /mL final vol	Comments (Lot# for 1g of Na Bisulfate or 5 g of Ottawa Sand)
1	B0703003	2B07030-003	MA	Trace	1	<2	MA	PASS
2	4	4						
3	5	5						
4	6	6						
5	VST00054C	ENDCCV						
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
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21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

8/15/07
DB

R = Reanalyze
S = Surrogate Failure
CO = Carry Over
E = Exceeds Cal Range
NA = Not Analyzed
L = Lesser dilution required
NR = Not Reported
I = IS Failure
C = Confirms
Matrix: Aqueous/Low Level Soil (5035)/Methanol, High Level Soil/Non-Aqueous Liquid

Shealy Environmental Services, Inc.
Document Number: F-VO-026
Revision Number: 3

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Replaces Date: 07/19/04
Effective Date: 07/06/06

GC/MS VOC Instrument Run Log MSD 8

Batch #: IQ52737 Matrix: A / LL / M / N Date: 2.15.07 Analyst: DLB Level 2 Rev: _____

Col Type: DB624 Length: 30 m I.D.: 0.25 mm Flow Rate: 0.8 mL/min Film thickness: 1.4 microns

1 µL of IS STD 50mL into 25 mL (IS is added to samples, Batch QC / ICAL / CCV) 5 / 10 / or 25 mL Purged

10 µL of SS STD 50mL into 40 mL (SS added to samples only, Refer to VOMS sheets for Batch QC/ICAL/CCV surrogate conc.)

Seq #	File Name	Sample Lot #	Standard ID	Method / Sub-list	DF	pH	µL Spike /mL final vol	Comments (Lot# for 1g of Na Bisulfate or 5 g of Ottawa Sand)
1	—	BFB0215	06-585		1	NA	NA	—
2	BFB15	BFB02151	d	5SMBFB5		d		— 0703
3	VSTD00515	CCV0215	FW	TRACE85		<2		Pass
4	—	CIPA0215						
5	—	BLK0215						—
6	VBLK5	BLK02151						Pass
7	—	XX44						- no vial
8	B0703001	IB07030-007				<2		PASS
9	B0703008	8						
10	d 9	9						
11	B1401101	IB14011-001				7		MA25 ok
12	3	3						
13	4	4						Re 5SUM out
14	5	5						Pass
15	6	6						
16	7	7						
17	8	8						
18	10	10						
19	11	11						
20	12	12						
21	13	13						
22	14	14						
23	15	15						
24	16	16						
25	19	19				<2		
26	20	20			4	7		DNR
27	90	90			10	7		DNR (Re17)
28	170	170			100	7		DNR
29	2	2			1	7		
30	9	9			1	7		MA 126
31	17	17			10	7		MA 255
32	3/16/07 END VSTD	END CCV			1			1827

R = Reanalyze E = Exceeds Cal Range L = Lesser dilution required I = IS Failure
S = Surrogate Failure NA = Not Analyzed NR = Not Reported C = Confirms
CO = Carry Over Matrix: Aqueous/Low Level Soil (5035)/Methanol, High Level Soil/Non-Aqueous Liquid

GC/MS VOC Instrument Run Log MSD 8

Batch #: 53105 / 53104 Matrix: A / L / M / N Date: 2.21.21 Analyst: DB Level 2 Rev: _____

Col Type: DB624 Length: 30 m I.D.: 0.25 mm Flow Rate: 0.8 mL/min Film thickness: 1.4 microns

1 µL of IS STD # 5001 into 25 mL (IS is added to samples, Batch QC / ICAL / CCV) 5 / 10 / or (25) mL Purged

10 µL of SS STD # 5000 into 45 mL (SS added to samples only. Refer to VOMS sheets for Batch QC/ICAL/CCV surrogate conc.)

Seq #	File Name	Sample Lot #	Standard ID	Method / Sub-list	DF	pH	µL Spike /mL final vol	Comments (Last for 1g of Na Bisulfate or 5 g of Ottawa Sand)
1		FFB0221A	06-585	5mBTBS	1	RY	1/A	
2	BFB21	B	"	"	"	1		PAM 1518
3	VSTD0220821	ICV0221SA	"	1 pt	"	12		
4	01221	4A						
5	VSTD05021	3A						
6	00121	2A						
7	0521	1A						
8	—	BLK0221A						DW2
9	VBLK21	B						OL
10	—	C				↓		DW2
11	B210130I	IB210130-001				7		TLE 6.5 (5x)
12	3	3				7		VC @20 C1&12 TLE 6.2 (5x)
13	4	4				7		(5x) Acetone SM TLE 5.8, pH 6 in 24 hr
14	5	5				12		Rec Hexane 0.88 (C)
15	7	7				7		Hexane 6.88 (2x)
16	8	8						7.4 (2x)
17	9	9						TLE OVB TOL 88 (5x)
18	13	13						(Re)
19	14	14						Hex @ 21 (2x)
20	16	16						ES-22 (Re)
21	17	17						MSLun out (Re)
22	B210140I	IB210140-001				↓		
23	—	BLK				12		
24	—	X4						
25	VSTD052X	EXX21						PAM 21 2319
26	↓	211						
27		212						
28								
29								
30								
31								2.22.21
32								DJB

R = Reanalyze E = Exceeds Cal Range L = Lesser dilution required I = IS Failure
S = Surrogate Failure NA = Not Analyzed NR = Not Reported C = Confirm
CO = Carry Over Matrix: Aqueous/Low Level Soil (5035)/Methanol, High Level Soil/Non-Aqueous Liquid

GC/MS VOC Instrument Run Log MSD 8

Batch # L253314 Matrix: A / LL / M / N Date: 2 26 07 Analyst: DLB Level 2 Rev: _____

Col Type: DB624 Length: 30 m I.D.: 0.75 mm Flow Rate: 0.8 mL/min Film thickness: 1.4 microns

10 µL of IS STD #5006 into 25 mL (IS is added to samples, Batch QC / ICAL / CCV) * 5 / 10 / or 25 mL Purged

10 µL of SS STD #5MT1 into 40 mL (SS added to samples only. Refer to VOMS sheets for Batch QC/ICAL/CCV surrogate conc.)

Seq #	File Name	Sample Lot #	Standard ID	Method / Sub-list	DF	pH	µL Spike /mL final vol	Comments (1 ml of 1g of Na Bisulfate to 5 g of Ottawa Sand)
1	BFB	BFB0226	624SIS	SUB25	1	NA	NA	BFB5 D607
2	VSTD005	CCV0226	MX	TUNE		↓		
3	VBLK	BLK0226						
4	B170313A	IB170313-09A						
5	IB070310	IB070311-05A						
6	B070311	↓ R						
7	B2000264	IB2000-004						
8	5	5						
9	9	9						CCV,26 (12)
10	11	11						ICAL 7 ED DESHPANDE
11	12	12						↓
12	B2000362	IB2000-002						ISA EB72 CS
13	B1901522	IB1901502						Pass
14	B2013214	IB2013014						2ISA DESHPANDE - all results
15	B2013017	IB2013017						↓ RedO2
16	B1901522	IB1901502						—
17	VSTD005	ENDA		↓	↓	↓	↓	Pass 125%
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								2/26/07
30								DLB
31								
32								

R = Reanalyze E = Exceeds Cal Range L = Lesser dilution required I = IS Failure
S = Surrogate Failure NA = Not Analyzed NR = Not Reported C = Confirms
CO = Carry Over Matrix: Aqueous/Low Level Soil (5035)/Methanol, High Level Soil/Non-Aqueous Liquid

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0461

PREP. DATE: 2/15/2007

Solvent Lot #:

EXP. DATE: 2/16/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
CCV -3		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0447	100	5	100	5	NA
KETONE MIX	SOMT0449	200	25	100	50	NA
IPA	SOMT0448	1000	25	100	250	NA
DIOXANE MIX	SOMT0450	1000	20	100	200	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

PREP. DATE: 2/15/2007

EXP. DATE: 2/16/2007

SOMT 0462

Solvent Lot #:

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
ICAL L-1		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0447	100	2.5	500	0.5	NA
KETONE MIX	SOMT0449	200	12.5	500	5	NA
IPA	SOMT0448	1000	12.5	500	25	NA
DIOXANE MIX	SOMT0450	1000	7.5	500	15	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

PREP. DATE: 2/15/2007

EXP. DATE: 2/16/2007

SOMT 463

Solvent Lot #:

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
ICAL L-2		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0447	100	5	500	1	NA
KETONE MIX	SOMT0449	200	25	500	10	NA
IPA	SOMT0448	1000	25	500	50	NA
DIOXANE MIX	SOMT0450	1000	15	500	30	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0464

PREP. DATE: 2/15/2007

Solvent Lot #:

EXP. DATE: 2/16/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
ICAL L-3		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0447	100	5	100	5	NA
KETONE MIX	SOMT0449	200	25	100	50	NA
IPA	SOMT0448	1000	25	100	250	NA
DIOXANE MIX	SOMT0450	1000	20	100	200	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 465

PREP. DATE: 2/15/2007

Solvent Lot #:

EXP. DATE: 2/16/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
ICAL L-4		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0447	100	10	100	10	NA
KETONE MIX	SOMT0449	200	50	100	100	NA
IPA	SOMT0448	1000	50	100	500	NA
DIOXANE MIX	SOMT0450	1000	30	100	300	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

PREP. DATE: 2/15/2007

EXP. DATE: 2/16/2007

SOMT 0466

Solvent Lot #:

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
ICAL L-5		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0447	100	20	100	20	NA
KETONE MIX	SOMT0449	200	100	100	200	NA
IPA	SOMT0448	1000	100	100	1000	NA
DIOXANE MIX	SOMT0450	1000	60	100	600	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0467

PREP. DATE: 2/15/2007

Solvent Lot #:

EXP. DATE: 2/16/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
ICAL L-5		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0447	100	20	100	20	NA
KETONE MIX	SOMT0449	200	100	100	200	NA
IPA	SOMT0448	1000	100	100	1000	NA
DIOXANE MIX	SOMT0450	1000	60	100	600	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0468

PREP. DATE: 2/16/2007

Solvent Lot #:

EXP. DATE: 2/17/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
CCV -3		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0447	100	5	100	5	NA
KETONE MIX	SOMT0449	200	25	100	50	NA
IPA	SOMT0448	1000	25	100	250	NA
DIOXANE MIX	SOMT0450	1000	20	100	200	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0469

PREP. DATE: 2/16/2007

Solvent Lot #:

EXP. DATE: 2/17/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
ICAL L-1		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0387	5	1	100	0.05	NA
1,4-DIOXANE MIX	SOMT0388	100	2	100	2	NA
1,4-DIOXANE-D8 MIX	SOMT0389	100	2	100	2	NA
INTERNAL STD	SOMT0391	2	25	100	0.5	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0470

PREP. DATE: 2/16/2007

Solvent Lot #:

EXP. DATE: 2/17/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
ICAL L-2		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0387	5	2	100	0.1	NA
1,4-DIOXANE MIX	SOMT0388	100	4	100	4	NA
1,4-DIOXANE-D8 MIX	SOMT0389	100	4	100	4	NA
INTERNAL STD	SOMT0391	2	25	100	0.5	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

2/16/2007 11:37 AM

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0471

PREP. DATE: 2/16/2007

Solvent Lot #:

EXP. DATE: 2/17/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
ICAL L-3		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0387	5	10	100	0.5	NA
1,4-DIOXANE MIX	SOMT0388	100	25	100	25	NA
1,4-DIOXANE-D8 MIX	SOMT0389	100	25	100	25	NA
INTERNAL STD	SOMT0391	2	25	100	0.5	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

2/16/2007 11:38 AM

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0472

PREP. DATE: 2/16/2007

Solvent Lot #:

EXP. DATE: 2/17/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
ICAL L-4		ug/mL	nl	mL	UG/L	
TCL MIX	SOMT0387	5	20	100	1	NA
1,4-DIOXANE MIX	SOMT0388	100	40	100	40	NA
1,4-DIOXANE-D8 MIX	SOMT0389	100	40	100	40	NA
INTERNAL STD	SOMT0391	2	25	100	0.5	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

2/16/2007 11:38 AM

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0473

PREP. DATE: 2/16/2007

Solvent Lot #:

EXP. DATE: 2/17/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
ICAL L-5		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0387	5	40	100	2	NA
1,4-DIOXANE MIX	SOMT0388	100	80	100	80	NA
1,4-DIOXANE-D8 MIX	SOMT0389	100	80	100	80	NA
INTERNAL STD	SOMT0391	2	25	100	0.5	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0474

PREP. DATE: 2/16/2007

Solvent Lot #:

EXP. DATE: 2/17/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
CCV		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0387	5	10	100	0.5	NA
1,4-DIOXANE MIX	SOMT0388	100	25	100	25	NA
1,4-DIOXANE-D8 MIX	SOMT0389	100	25	100	25	NA
INTERNAL STD	SOMT0391	2	25	100	0.5	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0487

PREP. DATE: 2/19/2007

Solvent Lot #:

EXP. DATE: 2/20/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
CCV -3		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0447	100	5	100	5	NA
KETONE MIX	SOMT0449	200	25	100	50	NA
IPA	SOMT0448	1000	25	100	250	NA
DIOXANE MIX	SOMT0450	1000	20	100	200	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0488

PREP. DATE: 2/19/2007

Solvent Lot #: 06-635

EXP. DATE: 3/22/2007

SOLVENT: MEOH

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
IPA		ug/mL	ul	mL	UG/ML	
ISOPROPYL ALCOHOL	07-116A	10000	100	1	1000	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init: _____

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

PREP. DATE: 2/19/2007

EXP. DATE: 3/21/2007

SOMT 0489

Solvent Lot # 06-685

SOLVENT: MEOH

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
KETONE MIX		ug/mL	ul	mL	UG/ML	
KETONE PRIMARY	04-527B	2000	100	1	200	NA
DMC B	07-33A&B	5000	40	1	200	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init: _____

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 490

PREP. DATE: 2/19/2007

Solvent Lot # 06-635

EXP. DATE: 3/22/2007

SOLVENT: MEOH

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
1,4 DIOXANE WORKING STD		ug/mL	ul	mL	UG/ML	
1,4 DIOXANE	06-736B	10000	100	1	1000	NA
1,4 DIOXANE-D8	067-34A	12500	80	1	1000	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init: _____

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0491

PREP. DATE: 2/19/2007

Solvent Lot #:

EXP. DATE: 2/20/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
ICAL L-1		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0447	100	2.5	500	0.5	NA
KETONE MIX	SOMT0489	200	12.5	500	5	NA
IPA	SOMT0488	1000	12.5	500	25	NA
DIOXANE MIX	SOMT0490	1000	7.5	500	15	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0492

PREP. DATE: 2/19/2007

Solvent Lot #:

EXP. DATE: 2/20/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
ICAL L-2		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0447	100	5	500	1	NA
KETONE MIX	SOMT0489	200	25	500	10	NA
IPA	SOMT0488	1000	25	500	50	NA
DIOXANE MIX	SOMT0490	1000	15	500	30	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0493

PREP. DATE: 2/19/2007

Solvent Lot #:

EXP. DATE: 2/20/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
ICAL L-3		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0447	100	5	100	5	NA
KETONE MIX	SOMT0489	200	25	100	50	NA
IPA	SOMT0488	1000	25	100	250	NA
DIOXANE MIX	SOMT0490	1000	20	100	200	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0494

PREP. DATE: 2/19/2007

Solvent Lot #:

EXP. DATE: 2/20/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
ICAL L-4		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0447	100	10	100	10	NA
KETONE MIX	SOMT0489	200	50	100	100	NA
IPA	SOMT0488	1000	50	100	500	NA
DIOXANE MIX	SOMT0490	1000	30	100	300	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

PREP. DATE: 2/19/2007

EXP. DATE: 2/20/2007

SOMT 0495

Solvent Lot #:

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
ICAL L-5		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0447	100	20	100	20	NA
KETONE MIX	SOMT0489	200	100	100	200	NA
IPA	SOMT0488	1000	100	100	1000	NA
DIOXANE MIX	SOMT0490	1000	40	100	400	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0496

PREP. DATE: 2/19/2007

Solvent Lot #:

EXP. DATE: 2/20/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
CCV		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0447	100	5	100	5	NA
KETONE MIX	SOMT0489	200	25	100	50	NA
IPA	SOMT0488	1000	25	100	250	NA
DIOXANE MIX	SOMT0490	1000	20	100	200	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 497

PREP. DATE: 2/19/2007

Solvent Lot #:

EXP. DATE: 2/20/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
CCV		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0447	100	5	100	5	NA
KETONE MIX	SOMT0489	200	25	100	50	NA
IPA	SOMT0488	1000	25	100	250	NA
DIOXANE MIX	SOMT0490	1000	20	100	200	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0498

PREP. DATE: 2/20/2007

Solvent Lot #:

EXP. DATE: 2/21/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
CCV		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0387	5	10	100	0.5	NA
1,4-DIOXANE MIX	SOMT0388	100	25	100	25	NA
1,4-DIOXANE-D8 MIX	SOMT0389	100	25	100	25	NA
INTERNAL STD	SOMT0391	2	25	100	0.5	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

2/22/2007 3:14 PM

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0499

PREP. DATE: 2/20/2007

Solvent Lot #:

EXP. DATE: 2/21/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
CCV		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0387	5	10	100	0.5	NA
1,4-DIOXANE MIX	SOMT0388	100	25	100	25	NA
1,4-DIOXANE-D8 MIX	SOMT0389	100	25	100	25	NA
INTERNAL STD	SOMT0391	2	25	100	0.5	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0500

PREP. DATE: 2/20/2007

Solvent Lot #:

EXP. DATE: 2/21/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
CCV		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0447	100	5	100	5	NA
KETONE MIX	SOMT0489	200	25	100	50	NA
IPA	SOMT0488	1000	25	100	250	NA
DIOXANE MIX	SOMT0490	1000	20	100	200	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0501

PREP. DATE: 2/21/2007

Solvent Lot #:

EXP. DATE: 2/22/2007

SOLVENT: H2O

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
CCV		ug/mL	ul	mL	UG/L	
TCL MIX	SOMT0447	100	5	100	5	NA
KETONE MIX	SOMT0489	200	25	100	50	NA
IPA	SOMT0488	1000	25	100	250	NA
DIOXANE MIX	SOMT0490	1000	20	100	200	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init:

Working Standards Prep Log - MS Volatiles

INITIALS: DLB

SOMT 0502

PREP. DATE: 2/22/2007

Solvent Lot # 06-635

EXP. DATE: 3/24/2007

SOLVENT: MEOH

COMPOUND	STOCK STD#		ALIQUOTED VOLUME Units =	DILUTION VOLUME Units =	FINAL CONC Units =	FOOT NOTES IF APPLIC.
IPA		ug/mL	ul	mL	UG/ML	
ISOPROPYL ALCOHOL	07-116A	10000	100	1	1000	NA

FOOTNOTES: (Only applicable if the 'Foot Note' column above is identified with the appropriate foot note number.)

Reviewer's Init: _____

Volatile Internal Chain of Custody From Refrigerator #7

Date	Time	Analyst	From	To	Lab Sample ID	Container #	Consumed Y/N
02.15.2007	0700	DLB	Refrigerator #7	MSD8	IB14011-001	2	Y
02.15.2007	0700	DLB	Refrigerator #7	MSD8	2	2,3	Y, N
02.15.2007	0700	DLB	Refrigerator #7	MSD8	3	2	Y
02.15.2007	0700	DLB	Refrigerator #7	MSD8	4	3	Y
02.15.2007	0700	DLB	Refrigerator #7	MSD8	5	3	Y
02.15.2007	0700	DLB	Refrigerator #7	MSD8	6	2	Y
02.15.2007	0700	DLB	Refrigerator #7	MSD8	7	2	Y
02.15.2007	0700	DLB	Refrigerator #7	MSD8	8	3	Y
02.15.2007	0700	DLB	Refrigerator #7	MSD8	9	2,3	Y, N
02.15.2007	0700	DLB	Refrigerator #7	MSD8	10	3	Y
02.15.2007	0700	DLB	Refrigerator #7	MSD8	11	3	Y
02.15.2007	0700	DLB	Refrigerator #7	MSD8	12	2	Y
02.15.2007	0700	DLB	Refrigerator #7	MSD8	13	3	Y
02.15.2007	0700	DLB	Refrigerator #7	MSD8	14	2	Y
02.15.2007	0700	DLB	Refrigerator #7	MSD8	15	2	Y
02.15.2007	0700	DLB	Refrigerator #7	MSD8	16	3	Y
02.15.2007	0700	DLB	Refrigerator #7	MSD8	17	2	N
02.15.2007	0700	DLB	Refrigerator #7	MSD8	19	2	Y
02.15.2007	0700	DLB	Refrigerator #7	MSD8	IB07030-007	3	Y
02.15.2007	0700	DLB	Refrigerator #7	MSD8	8	3	Y
02.15.2007	0700	DLB	Refrigerator #7	MSD8	9	1	Y

2/16/07
DLB

Volatile Internal Chain of Custody From Refrigerator #7

Date	Time	Analyst	From	To	Lab Sample ID	Container #	Consumed Y/N
02.14.2007	0700	DLB	Walk-In #8	MSD8	IB09027-007	2	Y
02.14.2007	0700	DLB	Walk-In #8	MSD8	8	2	Y
02.14.2007	0700	DLB	Walk-In #8	MSD8	9	3	Y
02.14.2007	0700	DLB	Walk-In #8	MSD8	10	2	Y
02.14.2007	0700	DLB	Walk-In #8	MSD8	17	2	Y
02.14.2007	0700	DLB	Walk-In #8	MSD8	18	4	Y
02.14.2007	0700	DLB	Walk-In #8	MSD8	19	1	Y
02.14.2007	0700	DLB	Walk-In #8	MSD8	21	1	Y
02.14.2007	1000	DLB	Walk-In #8	MSD8	9	1	Y
02.14.2007	0700	DLB	Walk-In #8	MSD8	10	2	Y
02.14.2007	0700	DLB	Refrigerator #7	MSD8	IB02007-016	PE	N
02.14.2007	0700	DLB	Refrigerator #7	MSD8	IB03008-005	PE	N
02.14.2007	0700	DLB	Refrigerator #7	MSD8	IB09039-004	PE	N
02.14.2007	0700	DLB	Refrigerator #7	MSD8	IB09025-001	1	Y
02.14.2007	0700	DLB	Refrigerator #7	MSD8	1	4	Y
02.14.2007	0700	DLB	Refrigerator #7	MSD8	1	5	Y
02.14.2007	0700	DLB	Refrigerator #7	MSD8	2	1	Y
02.14.2007	0700	DLB	Refrigerator #7	MSD8	3 4	1 2	Y
02.14.2007	0700	DLB	Refrigerator #7	MSD8	5 6	2 2	Y
02.14.2007	0700	DLB	Refrigerator #7	MSD8	IB07030-001 2	2	Y
02.14.2007	0700	DLB	Refrigerator #7	MSD8	3 4	2 2	Y
02.14.2007	0700	DLB	Refrigerator #7	MSD8	5 6	2 2	Y
02.14.2007	0700	DLB	Refrigerator #7	MSD8	7	2	Y

From: Origin ID: SNAA (714)697-6191
Mike Palin
CH2MHill
3 Hutton Centre Drive
Suite 200
Santa Ana, CA 92707

FedEx Express

Ship Date: 07FEB07
ActWgt: 30 LB
SystemW: 1271534/INET2600
Account#: S *********
Dimmed: 14 X 12 X 16 IN

Delivery Address Bar Code

Ref # 335379.5.03
Invoice #
PO #
Dept #

SHIP TO: (803)791-9700 BILL SENDER

Shealy Sample Custodian
Shealy Environmental Services
106 Vantage Point Drive

West Columbia, SC 29172

PRIORITY OVERNIGHT

THU
Deliver By:
08FEB07

TRK# 7912 2675 2896 FORM 0201

CAE A1

29172 -SC-US

XH USCA

2/8/07

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2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

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Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

From: Origin ID: SNAA (714)697-8191
Mike Palin
CH2MHill
3 Hutton Centre Drive
Suite 200
Santa Ana, CA 92707

FedEx Express

Ship Date: 08FEB07
ActWgt: 30 LB
System#: 1271534/INET2600
Account#: S *********
Dimmed: 14 X 12 X 10 IN

Delivery Address Bar Code

Ref # 335379.6.03
Invoice #
PO #
Dept #

SHIP TO: (803)791-9700 BILL SENDER

Shealy Sample Custodian
Shealy Environmental Services
106 Vantage Point Drive

West Columbia, SC 29172

PRIORITY OVERNIGHT

WED
Deliver By:
07FEB07

TRK# 7901 7419 6766 FORM 0201

CAE A1

29172 -SC-US

XH USCA

2/7/2007

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EPA **USEPA Contract Laboratory Program**
Organic Traffic Report & Chain of Custody Record

Case No: 36127 36127 Y34W0
DAS No:
SDG No: MA 1391.0 L

Date Shipped:	2/6/2007
Carrier Name:	FedEx
Airbill:	790174196765
Shipped to:	Shealy Environmental 106 Vantage Point Drive Cayce SC 29033 (803) 791-9700

Chain of Custody Record

Relinquished By	(Date / Time)	Sampler Signature: Received By	(Date / Time)
1	2/6/07 1430		
2			
3			
4		[signature]	2/9/07 0850

For Lab Use Only

Lab Contract No:	EP1005031
Unit Price:	$490.00
Transfer To:	
Lab Contract No:	
Unit Price:	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
Y34W0	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	1	S: 2/6/2007	10:30		OK
Y34W1	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	2	S: 2/6/2007	11:05		
Y34W2	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	3	S: 2/6/2007	11:45		
Y34W3	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	4	S: 2/6/2007	12:15		
Y34W4	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	5	S: 2/6/2007	12:45		
Y34W5	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	6	S: 2/6/2007	13:16		
Y34W6	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	7	S: 2/6/2007	13:25		
Y34W7	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	8	S: 2/6/2007	13:45		
Y34W8	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	9	S: 2/6/2007	14:00		

ipment for Case ample(s)?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 1-8	Chain of Custody Seal Number: NA
nalysis Key: VOA = TVOA	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? X	Shipment Iced? X

R Number: **9-451597652-020607-0001**

LABORATORY COPY

provides preliminary results. Requests for preliminary results will increase analytical costs.
d Copy to: Sample Management Office, 2000 Edmund Halley Dr., Reston, VA. 20191-3400 Phone 703/264-9348 Fax 703/264-9222

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 36127
DAS No:
SDG No: Y34W0

L

Date Shipped:	2/7/2007
Carrier Name:	FedEx
Airbill:	791226752896
Shipped to:	Shealy Environmental 106 Vantage Point Drive Cayce SC 29033 (803) 791-9700

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 [signature]	02-07-07/1430		
2			
3			
4		[signature]	2/8/07 1020

Sampler Signature: [signature]

For Lab Use Only

Lab Contract No:	EPW05031
Unit Price:	$440.02
Transfer To:	
Lab Contract No:	
Unit Price:	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
Y34W9	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (6)	10	S: 2/7/2007	8:15		OK
Y34X0	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	11	S: 2/7/2007	12:10		
Y34X1	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	12	S: 2/7/2007	12:45		
Y34X2	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	13	S: 2/7/2007	13:20		
Y34X3	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	14	S: 2/7/2007	13:30		
Y34X4	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	15	S: 2/7/2007	13:50		
Y34X5	Ground Water/ Daantje Meijer	/G	TVOA (21)	(HCL) (3)	16	S: 2/7/2007	14:10		

SDG Y34W0 Filled Samples

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt	Chain of Custody Seal Number:
	Y34W9		3 5	NA

Analysis Key: TVOA = TVOA

Concentration: L = Low, M = Low/Medium, H = High

Type/Designate: Composite = C, Grab = G

Custody Seal Intact? X Shipment Iced? X

TR Number: 9-451597652-020707-0001

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 2000 Edmund Halley Dr., Reston, VA. 20191-3400 Phone 703/264-9348 Fax 703/264-9222

SAMPLE LOG-IN SHEET
FORM DC-1

Lab Name: Shealy Environmental Services Inc		Page 1 of 1
Received By (Print Name): Eleanor Cuaresma		Log-in Date: 2-7-07
Received By (Signature):		
Case Number: 36127	Sample Delivery Group No.: Y34W0	Mod. Ref. No.

Remarks:

1. Custody Seal(s): Present / Absent* — Intact / Broken
2. Custody Seal Nos.: NA
3. Traffic Reports/ Chain of Custody Records (TR/COCs) or Packing Lists: Present / Absent*
4. Airbill: Airbill Sticker Present / Absent*
5. Airbill No.: 7901 7419 6766
6. Sample Tags: Present / Absent* — Sample Tag Numbers: Listed / Not Listed on Chain-of-Custody
7. Sample Condition: Intact / Broken*/ Leaking
8. Cooler Temperature Indicator Bottle: Present / Absent
9. Cooler Temperature: 1.8
10. Does information on TR/COCs and sample tags agree? Yes / No*
11. Date Received at Laboratory: 2-7-07
12. Time Received: 0850

EPA Sample #	Corresponding: Sample Tag #	Corresponding: Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
Y34W0	NA	730730-001	Ok
Y34W1		-002	
Y34W2		-003	
Y34W3		-004	
Y34W4		-005	
Y34W5		-006	
Y34W6		-007	
Y34W7		-008	
Y34W8		-009	

Sample Transfer

Fraction: VOA	Fraction
Area #: Fridge #7	Area #
By:	By
On: 2-7-07	On

Chamber 2-7-2007

* Contact EMO and attach record of resolution.

Reviewed By	Logbook No.
Date	Logbook Page No.

SOM01.1 (5/2005)

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SAMPLE LOG-IN SHEET
FORM DC-1

Lab Name	Shealy Environmental Services Inc				Page 1 of 1
Received By (Print Name)	Eleanor Cuaresma				Log-in Date 2-9-07
Received By (Signature)	[signature]				
Case Number	36127	Sample Delivery Group No.	Y34W0		Mod. Ref. No.
Remarks:			Corresponding		
		EPA Sample #	Sample Tag #	Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1. Custody Seal(s)	Present/Absent* Intact/Broken	Y34W9	NA	IB09025-001	OK
2. Custody Seal Nos.	NA	Y34X0		-002	
3. Traffic Reports/ Chain of Custody Records (TR/COCs) or Packing Lists	Present/Absent*	Y34X1		-003	
4. Airbill	Airbill/Sticker Present/Absent*	Y34X2		-004	
5. Airbill No.	79122675 2896	Y34X3		-005	
6. Sample Tags	Present/Absent*	Y34X4		-006	
Sample Tag Numbers	Listed/Not Listed on Chain-of-Custody	Y34X5		-007	
7. Sample Condition	Intact/Broken*/ Leaking				
8. Cooler Temperature Indicator Bottle	Present/Absent				
9. Cooler Temperature	3.5				
10. Does information on TR/COCs and sample tags agree?	Yes/No*				
11. Date Received at Laboratory	2-8-07				
12. Time Received	1020				
Sample Transfer					
Fraction VOA	Fraction				
Area # Fridge #7	Area #				
By [signature]	By				
On 2-9-07	On				

Cuaresma 2-9-2007

* Contact SMO and attach record of resolution.

Reviewed By	Logbook No.
Date	Logbook Page No.

SOM01.1 (5/2005)

591

Request for Quote (RFQ) for Modified Analysis

Date: January 25, 2007

Subject: Modification Reference Number: 1391.0
Title: R9-TertButylAlcohol
Sample Matrix: Water
Fraction Affected: TVOA
Statement of Work: SOM01.1

Purpose:

The Contractor Laboratory is requested to perform the following modified analyses under the Organic Statement of Work (SOW) SOM01.1, based on the additional specifications listed below. Unless specifically modified by this modification, all analyses, Quality Control (QC), and reporting requirements specified in SOW SOM01.1 remain unchanged and in full force and effect. The number of samples requested in this modification is not guaranteed.

Please note that accepting a modified analysis request is voluntary, and that the Laboratory is not required to accept the modified analysis. There will be no adverse effect to the Laboratory for not accepting the modified analysis request. However, once the Laboratory accepts the request for modified analysis, it shall perform the analysis in accordance with this modification and as specified in SOW SOM01.1.

The Laboratory is requested to review the modification described herein, determine whether or not it shall accept the requested modified analyses, and complete the attached response form. The Laboratory shall provide comments in response to the required changes in the designated area, in order to ensure that the modified analysis can be completed in accordance with the specifications described herein.

The requirements in the RFQ are as stated and any defects will be assessed by SMO per the laboratory contract. The Laboratory should take this into account when submitting their quote.

Notice to Contractors: Acceptance of Modified Analysis samples will not count against the monthly capacity.

Modification to the SOW Specifications:

SOW SOM01.1 requires Laboratories to analyze water samples for volatile organic compounds through the protocol outlined in Exhibit D, Trace Volatile method. Specific Trace Volatile target analytes and their associated Contract Required Quantitation Limits (CRQLs) are listed in Exhibit C, Section 1.0 pages C-5 and C-6 of SOW SOM01.1. The proposed modification will require the Laboratory to analyze samples for the same target analytes listed in Section 1.0 on pages C-5 and C-6, with the following additional requirements.

One additional analyte shall be added to the target analyte list: tertiary butyl alcohol (CAS # 75-65-0). This additional analyte shall have a CRQL of 5 ug/L.

If tertiary butyl alcohol is undetected, the Laboratory shall report at the CRQL specified in this modified analysis, even if the Laboratory is able to achieve a lower limit.

For initial calibration, opening and closing continuing calibration purposes, the additional analyte may either be added to the original calibration standards or may be analyzed as a single analyte. Of the 5 initial calibration standards and the opening and closing continuing calibration standards, the lowest calibration standard shall have a concentration at or below the CRQL.

Reporting Requirements:

Hardcopy and electronic data reporting are required as specified per SOW SOM01.1. All hardcopy and electronic data shall be adjusted to incorporate modified specifications. This includes attaching a copy of the requirements for modified analysis to the SDG Narrative. If specific problems occur with incorporation of the modified analysis into the hardcopy and/or electronic deliverable, the Laboratory shall contact the DASS Manager within the Sample Management Office (SMO) at (703) 818-4233 or via e-mail at CCSSupport@fedesc.com for resolution.

All samples and/or fractions assigned to an SDG shall be analyzed under the same Modified Analysis requirements as established in this memorandum. The Laboratory shall not include data from multiple Modified Analyses in one SDG.

The Laboratory shall include the Modification Reference Number 1391.0 on each hardcopy data form under the "Mod. Ref. No." header appearing on each form as well as the data element "ServicesID" under the "SamplePlusMethod" node of the EDD. This should be done for the fractions affected by the modified analysis only. The "SqrvicesID" field should remain blank for all other fractions reported in the SDG. The Laboratory shall also document the Modification Reference Number and the Solicitation Number on the SDG Coversheet.

Clarifications/Revisions to the RFQ for Modified Analysis:

Laboratory Name: SHEALY
Laboratory Comments: