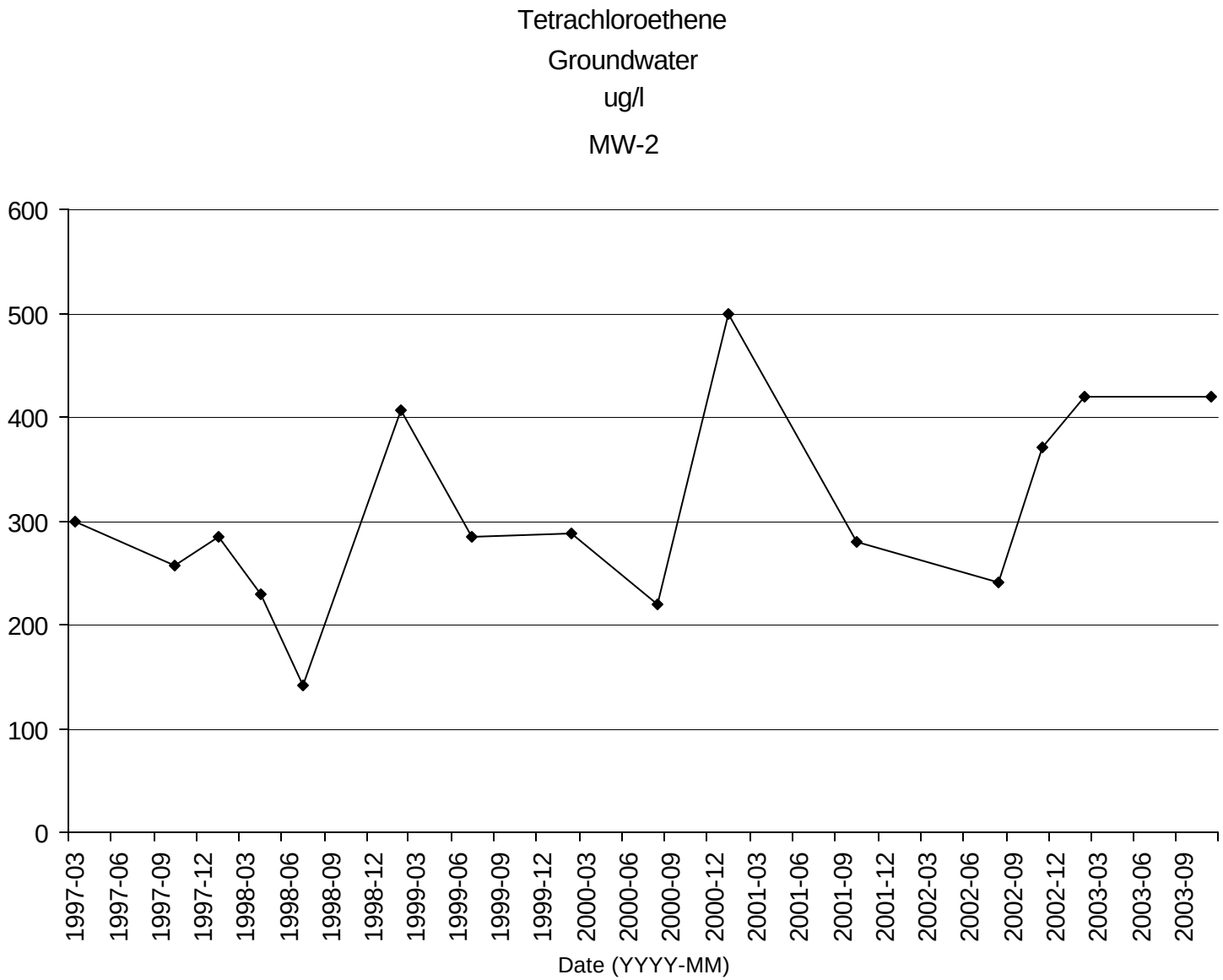
APPENDIX E

Concentration Trend Plots


Tetrachloroethene
Groundwater
ug/l
MW-2
600
500
400
300
200
100
0
1997-03
1997-06
1997-09
1997-12
1998-03
1998-06
1998-09
1998-12
1999-03
1999-06
1999-09
1999-12
2000-03
2000-06
2000-09
2000-12
2001-03
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2002-03
2002-06
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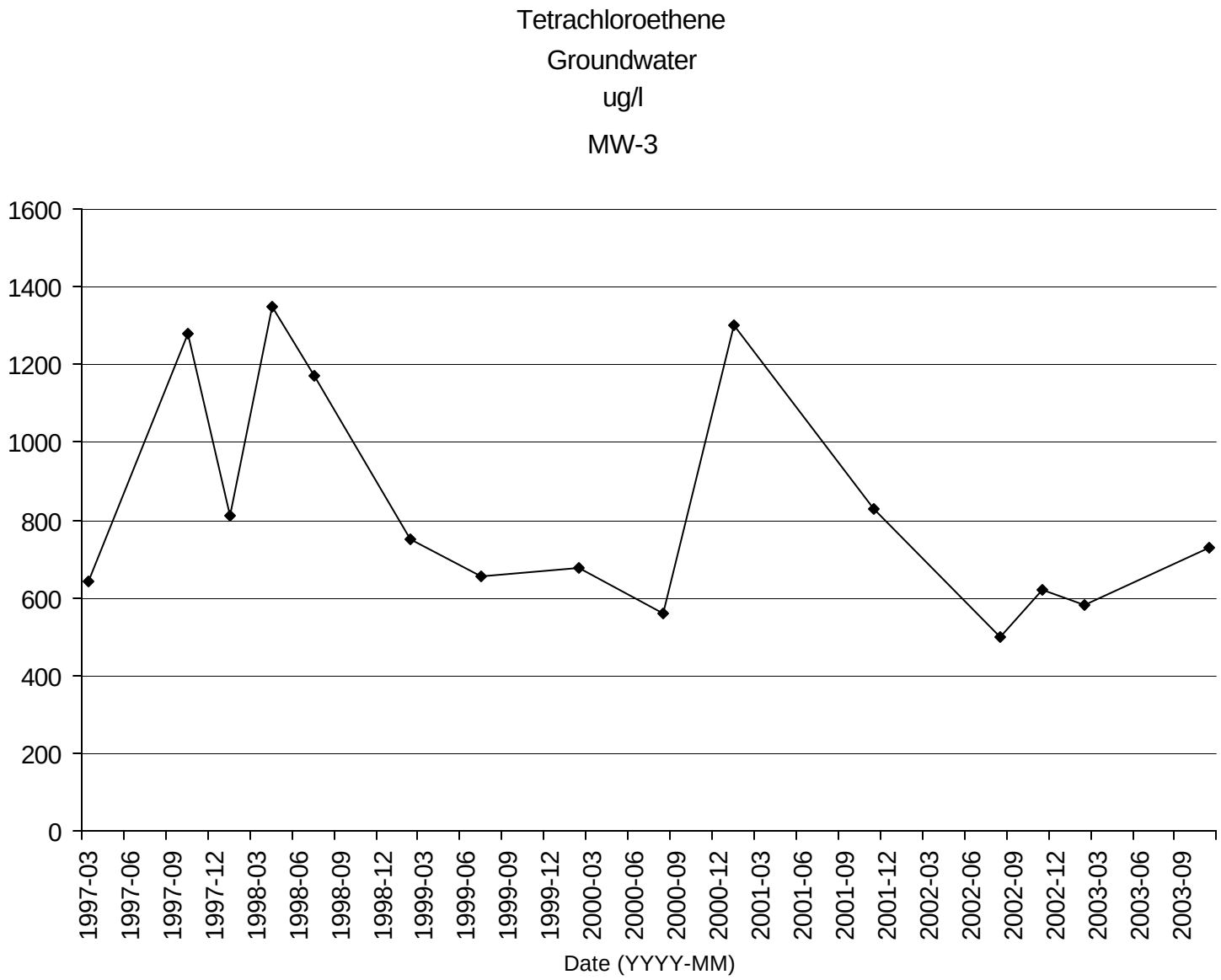
2003-09
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-3
1600
1400
1200
1000
800
600
400
200
0
1997-03
1997-06
1997-09
1997-12
1998-03
1998-06
1998-09
1998-12
1999-03
1999-06
1999-09
1999-12
2000-03
2000-06
2000-09
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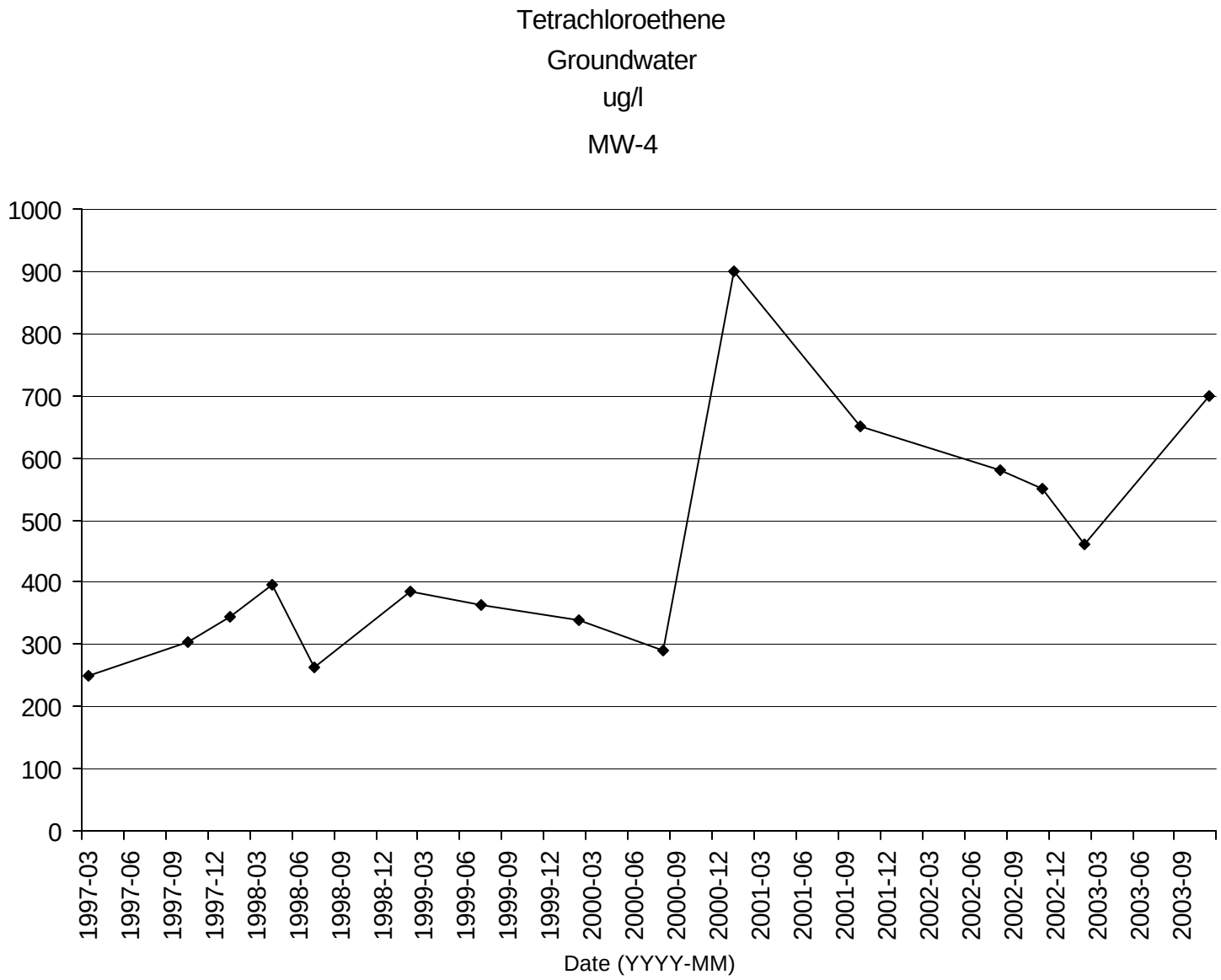
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-4
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900
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700
600
500
400
300
200
100
0
1997-03
1997-06
1997-09
1997-12
1998-03
1998-06
1998-09
1998-12
1999-03
1999-06
1999-09
1999-12
2000-03
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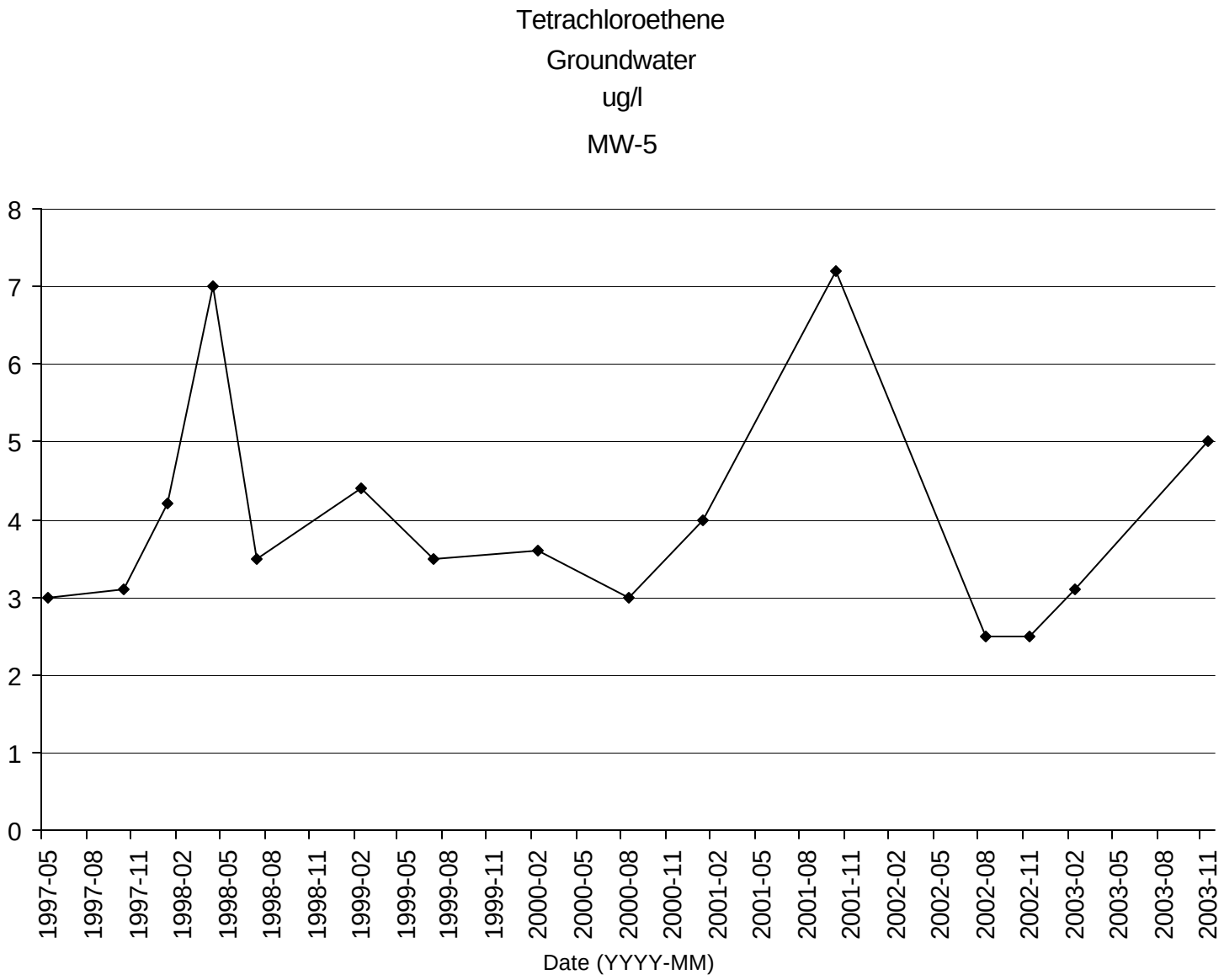
2003-09
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-5
8
7
6
5
4
3
2
1
0
1997-05
1997-08
1997-11
1998-02
1998-05
1998-08
1998-11
1999-02
1999-05
1999-08
1999-11
2000-02
2000-05
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2003-05
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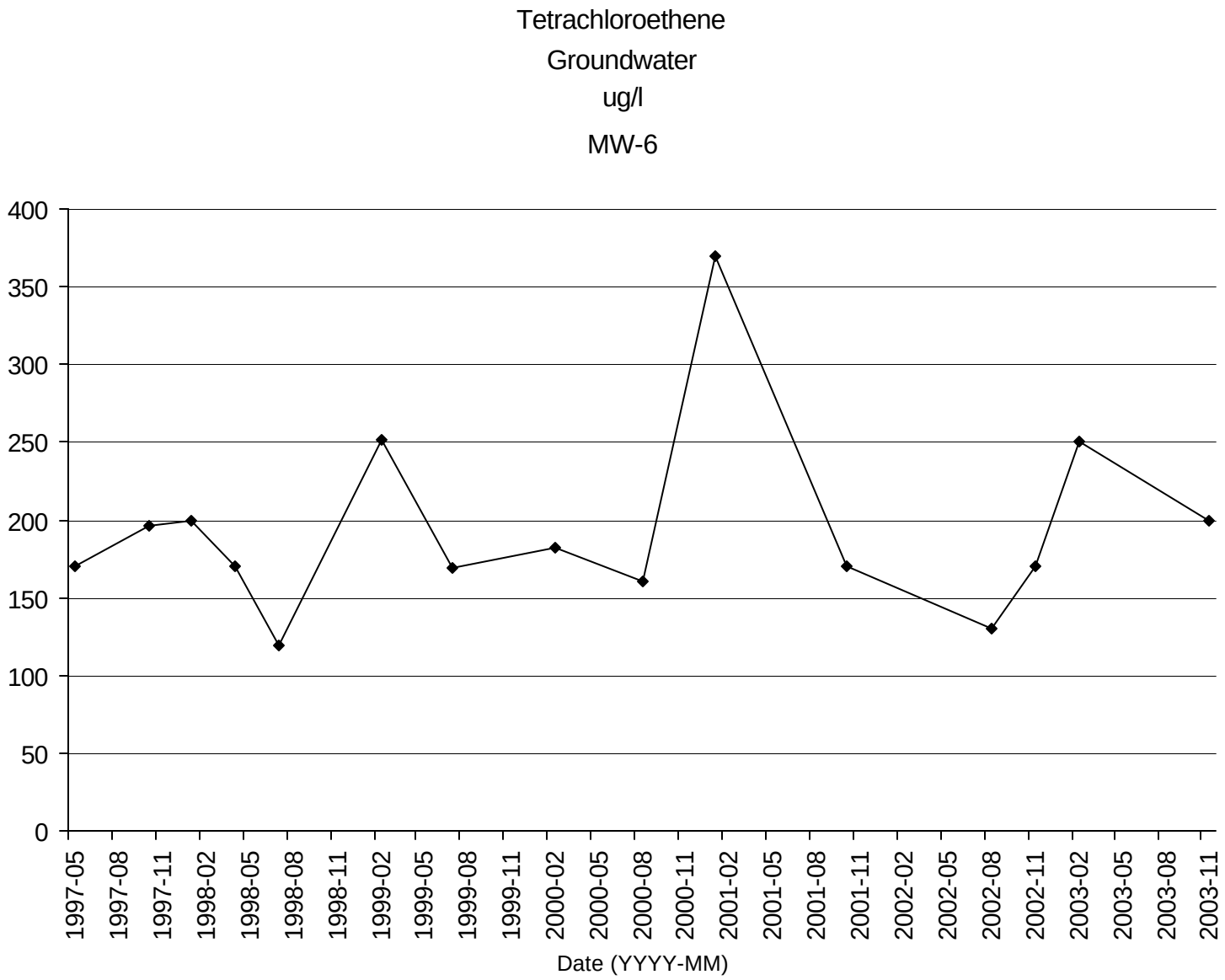
2003-11
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-6
400
350
300
250
200
150
100
50
0
1997-05
1997-08
1997-11
1998-02
1998-05
1998-08
1998-11
1999-02
1999-05
1999-08
1999-11
2000-02
2000-05
2000-08
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2001-02
2001-05
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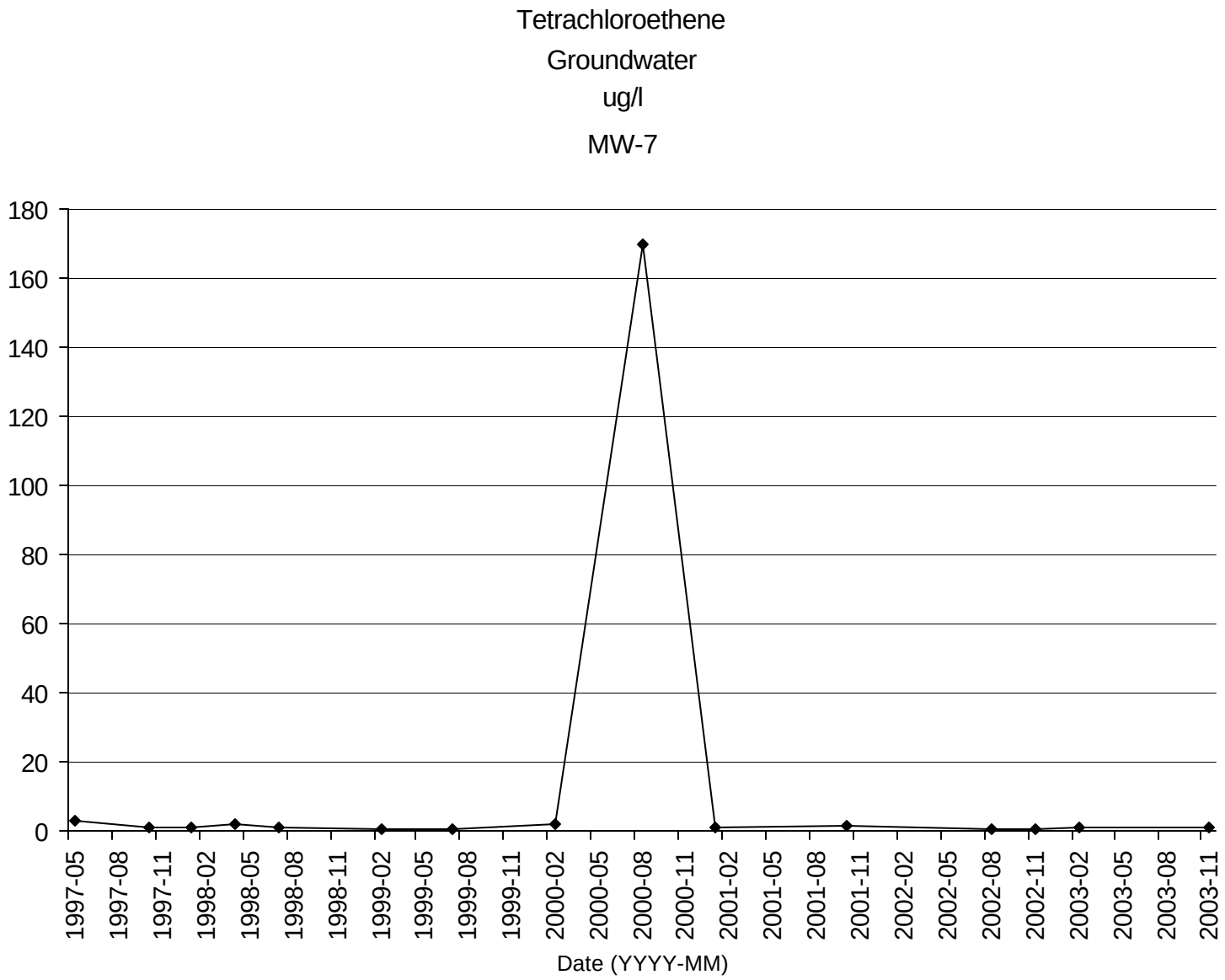
Tetrachloroethene
Groundwater
ug/l
MW-7
180
160
140
120
100
80
60
40
20
0
1997-05
1997-08
1997-11
1998-02
1998-05
1998-08
1998-11
1999-02
1999-05
1999-08
1999-11
2000-02
2000-05
2000-08
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2001-02
2001-05
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2003-05
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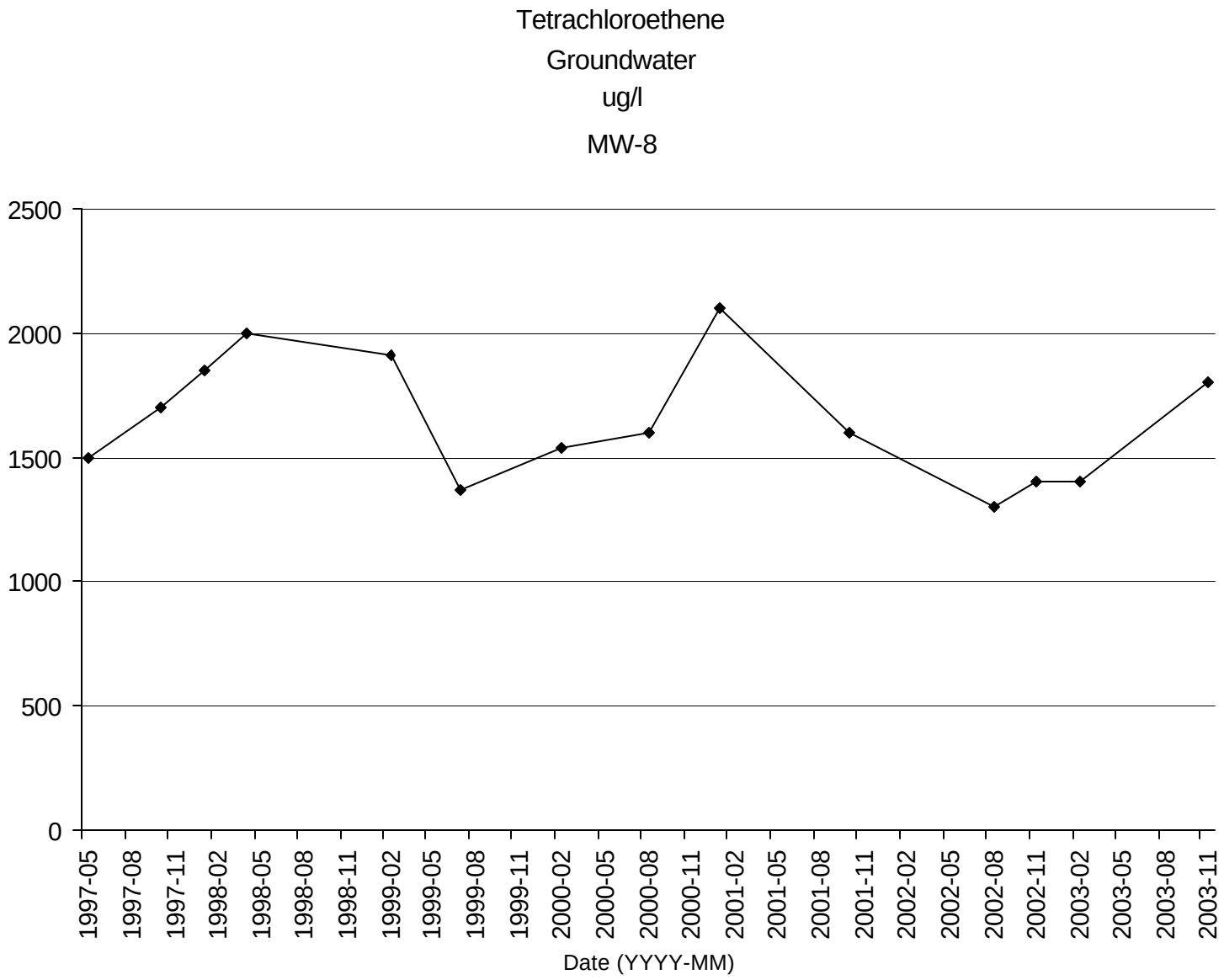
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-8
2500
2000
1500
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500
0
1997-05
1997-08
1997-11
1998-02
1998-05
1998-08
1998-11
1999-02
1999-05
1999-08
1999-11
2000-02
2000-05
2000-08
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2001-02
2001-05
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2002-02
2002-05
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2003-05
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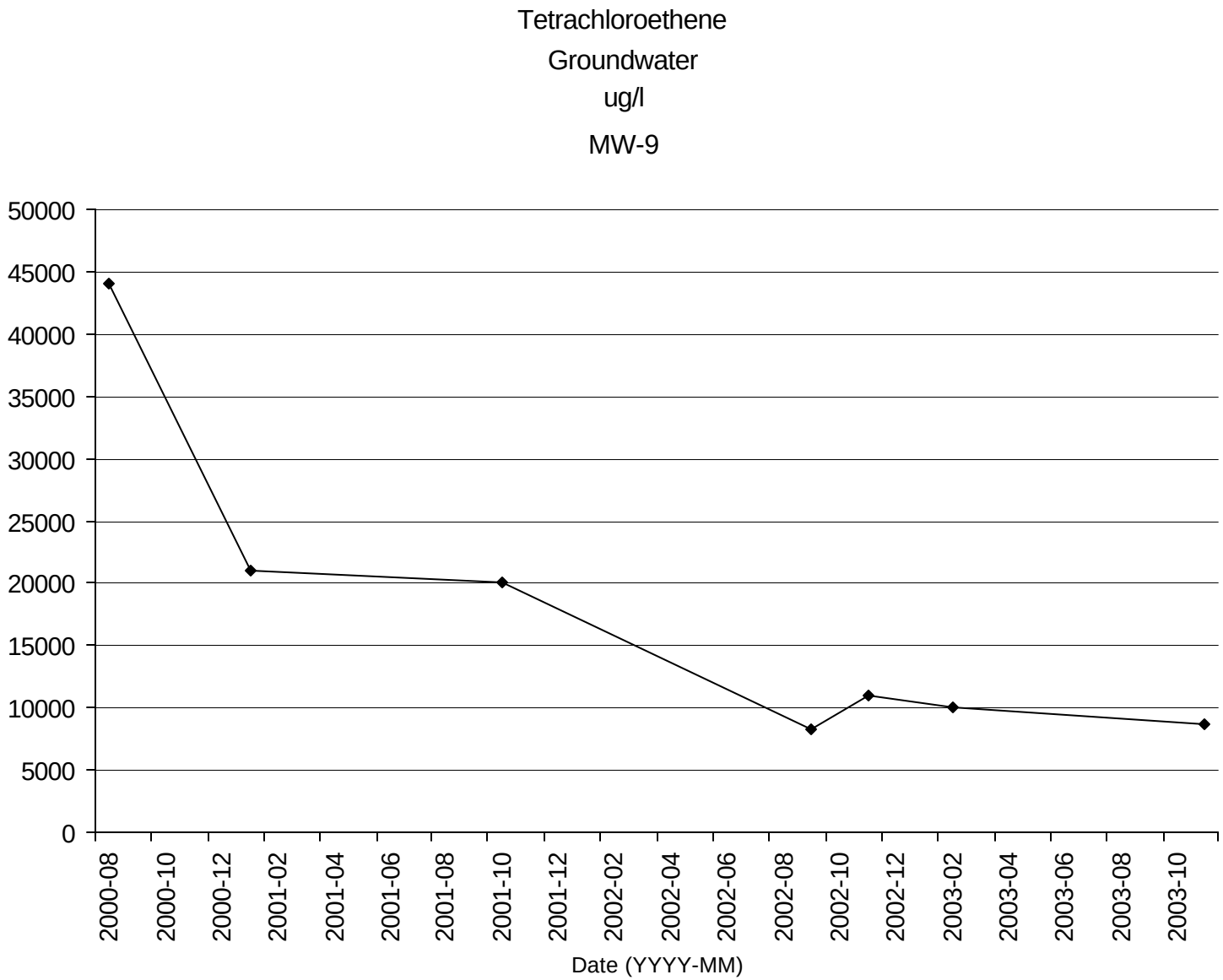
2003-11
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-9
50000
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
2000-08
2000-10
2000-12
2001-02
2001-04
2001-06
2001-08
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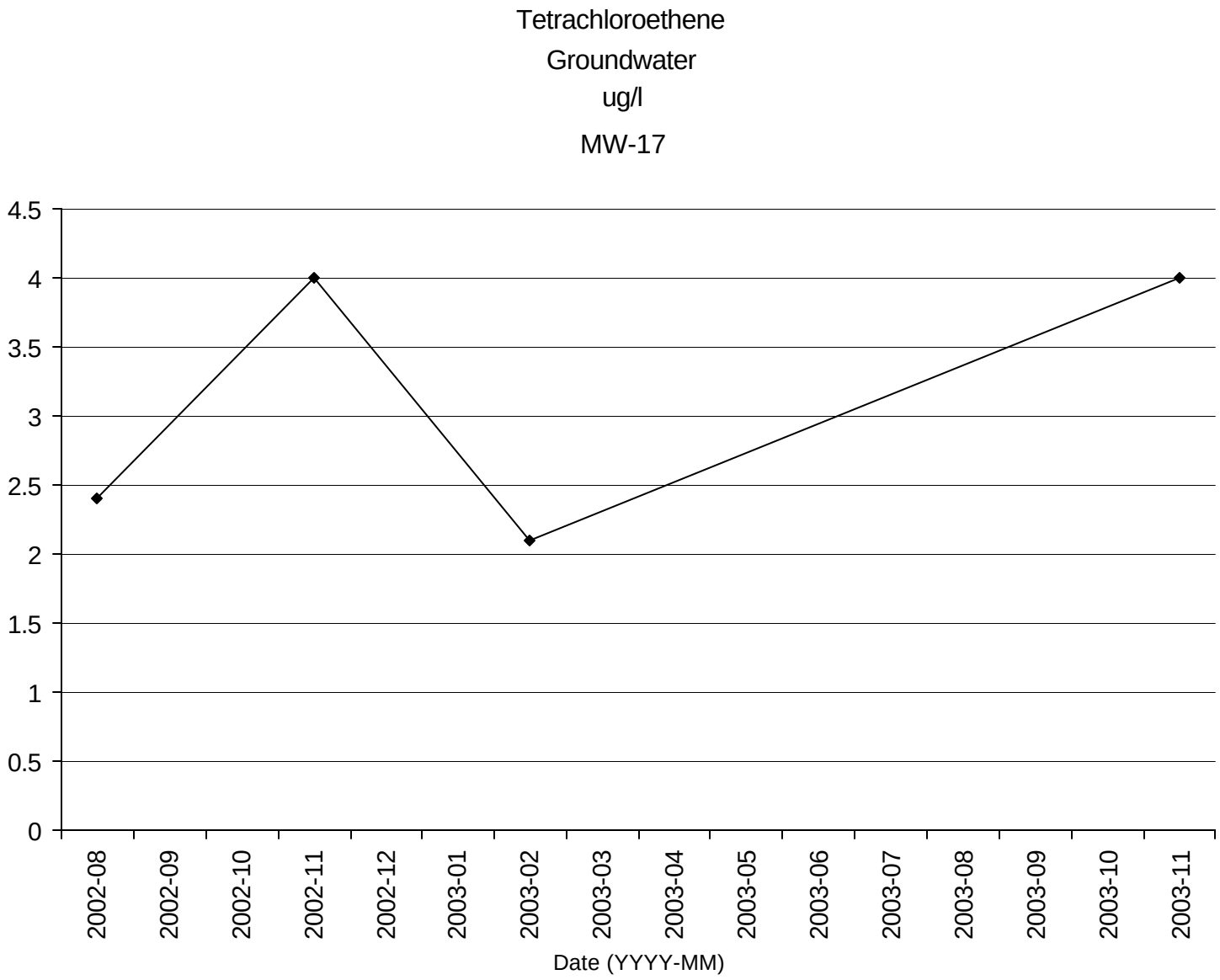
2001-12
2002-02
2002-04
2002-06
2002-08
2002-10
2002-12
2003-02
2003-04
2003-06
2003-08
2003-10
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-17
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
2002-08
2002-09
2002-10
2002-11
2002-12
2003-01
2003-02
2003-03
2003-04
2003-05
2003-06
2003-07
2003-08
2003-09
2003-10
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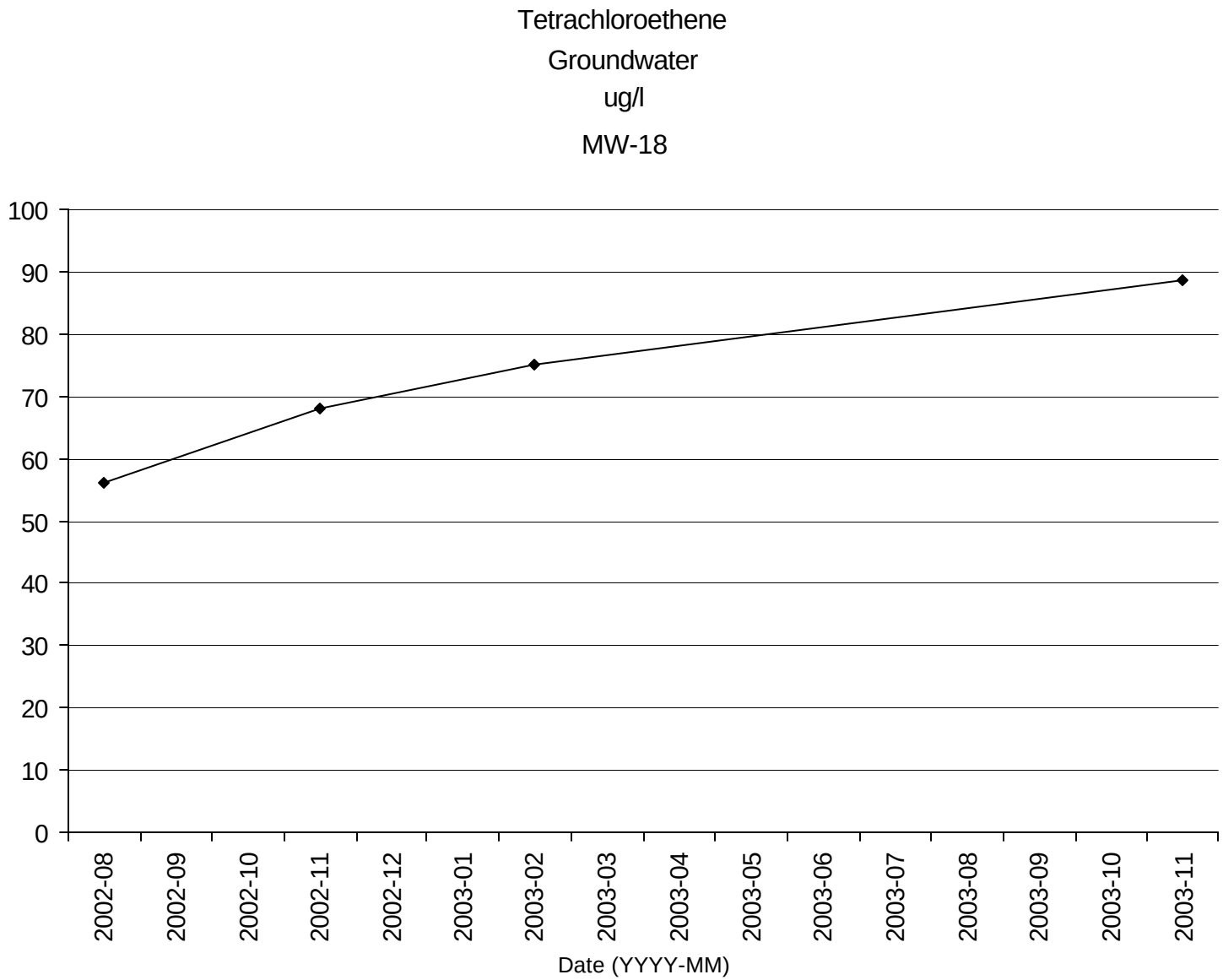
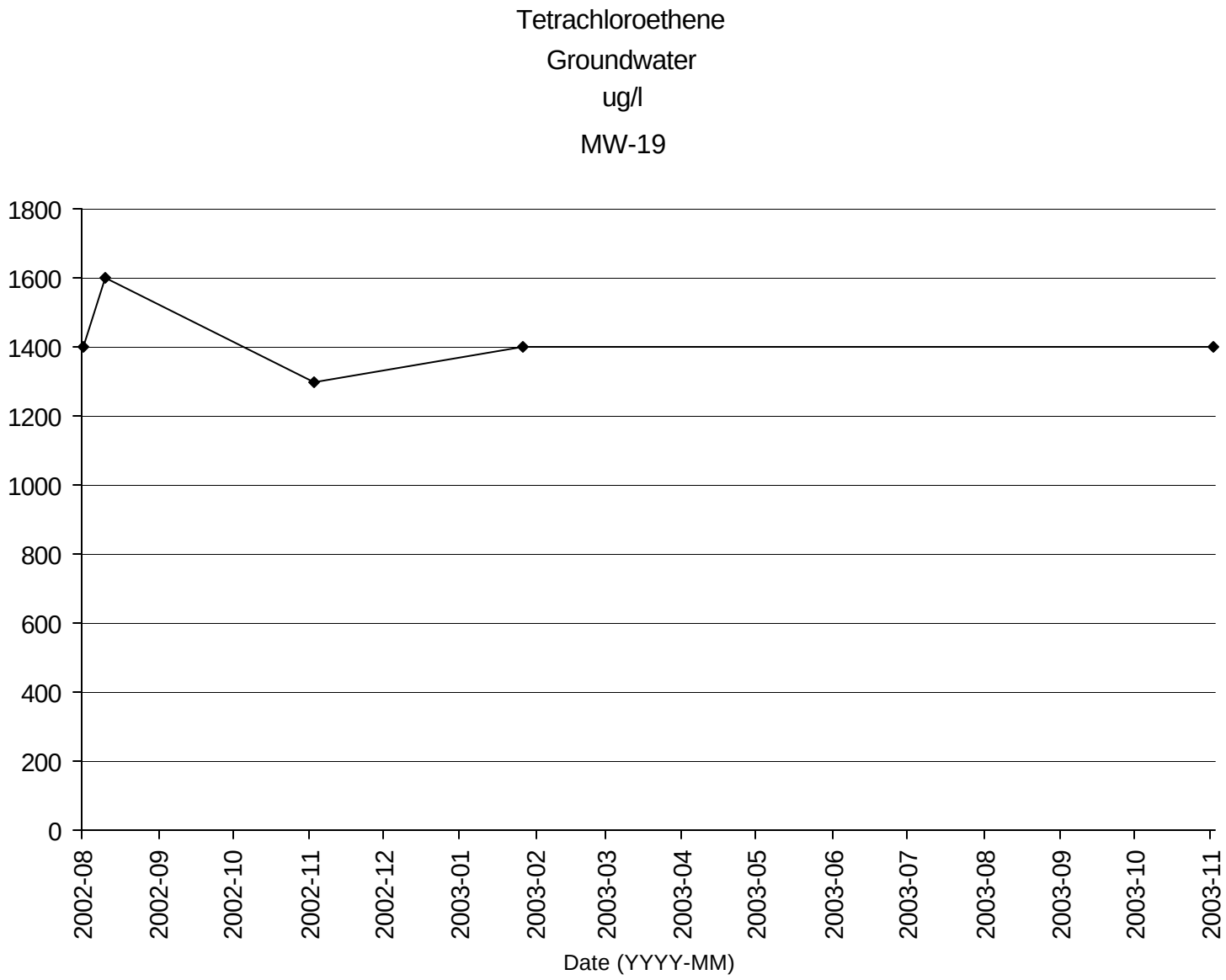
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-18
100
90
80
70
60
50
40
30
20
10
0
2002-08
2002-09
2002-10
2002-11
2002-12
2003-01
2003-02
2003-03
2003-04
2003-05
2003-06
2003-07
2003-08
2003-09
2003-10
2003-11
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-19
1800
1600
1400
1200
1000
800
600
400
200
0
2002-08
2002-09
2002-10
2002-11
2002-12
2003-01
2003-02
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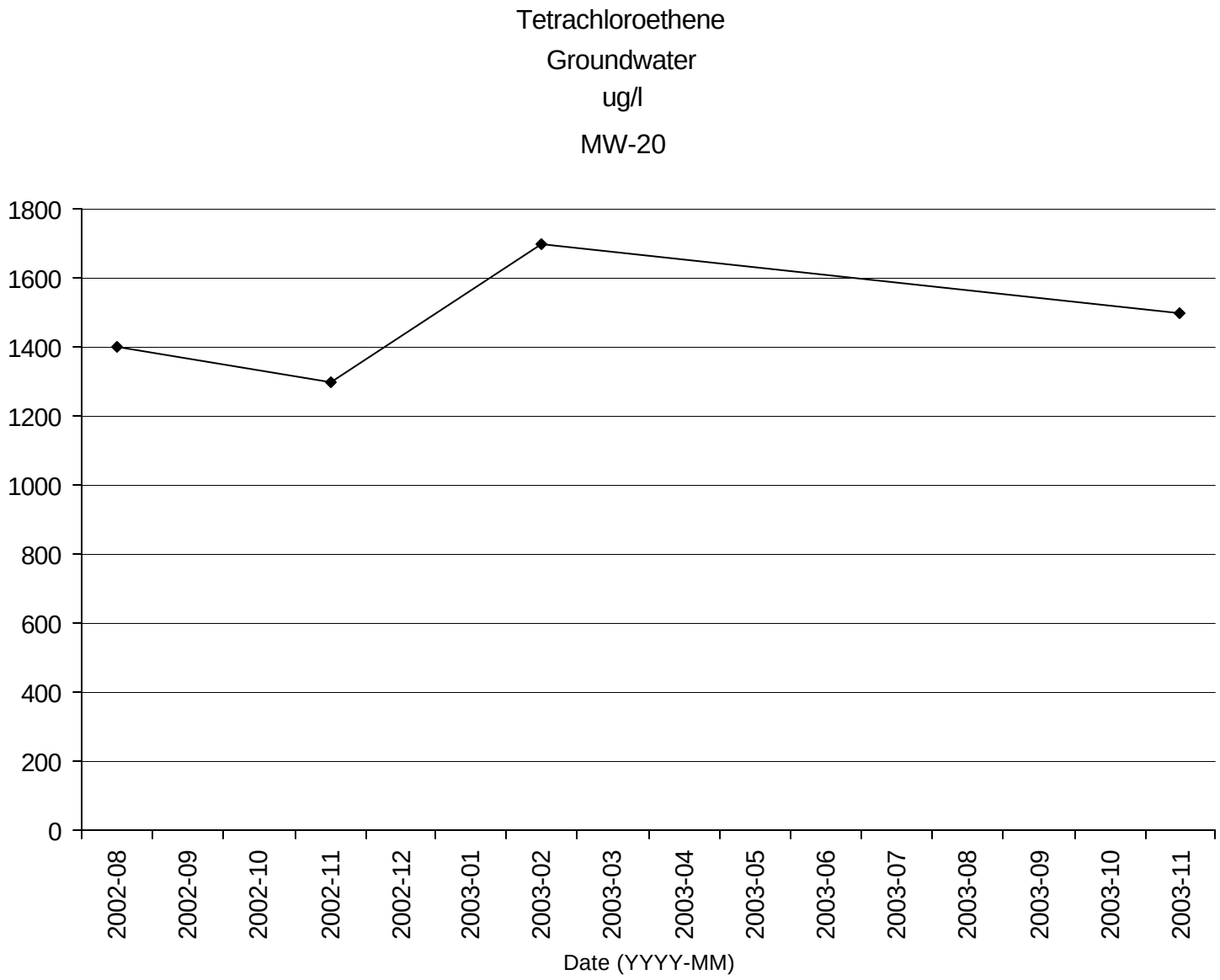
2003-04
2003-05
2003-06
2003-07
2003-08
2003-09
2003-10
2003-11
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-20
1800
1600
1400
1200
1000
800
600
400
200
0
2002-08
2002-09
2002-10
2002-11
2002-12
2003-01
2003-02
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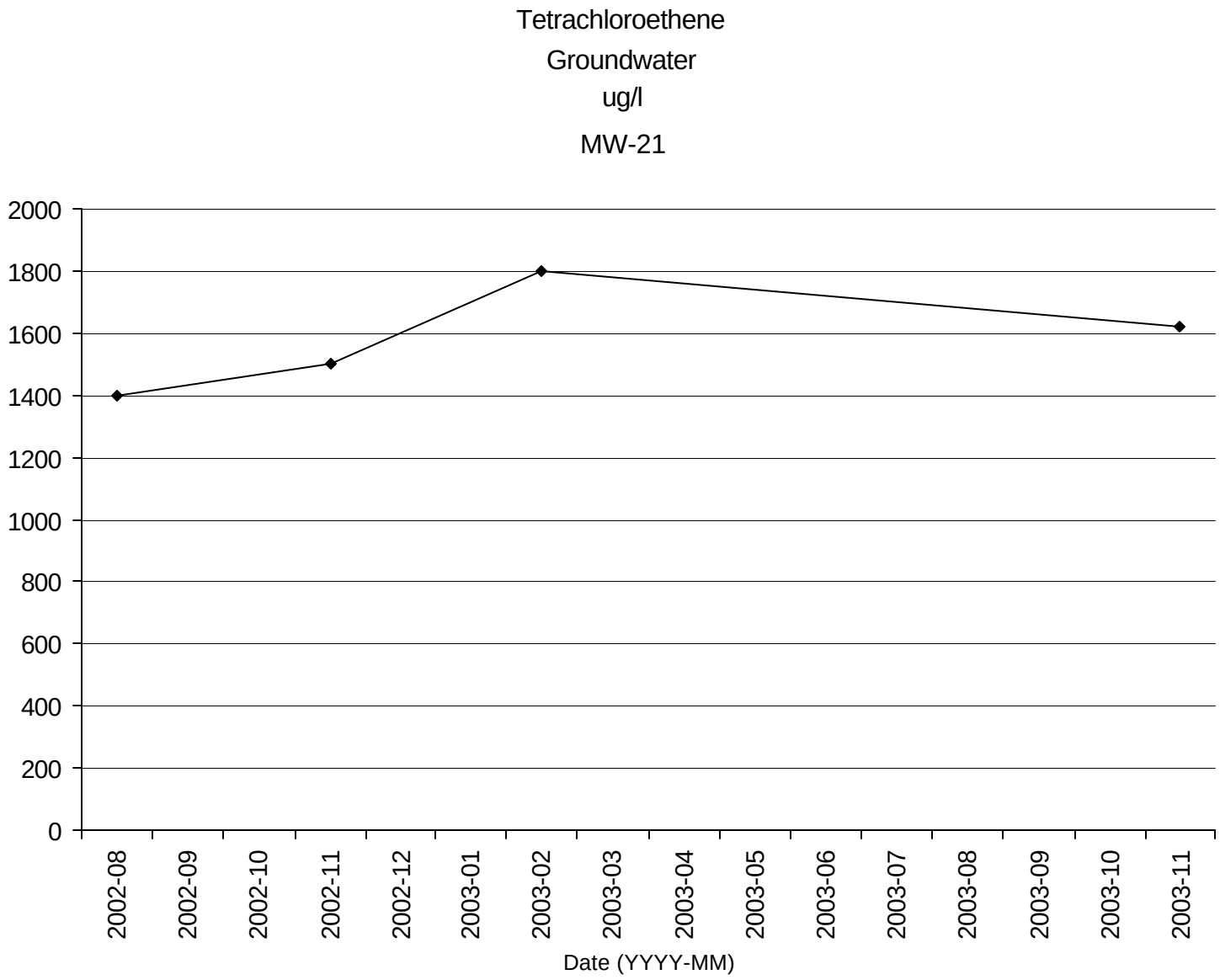
2003-04
2003-05
2003-06
2003-07
2003-08
2003-09
2003-10
2003-11
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-21
2000
1800
1600
1400
1200
1000
800
600
400
200
0
2002-08
2002-09
2002-10
2002-11
2002-12
2003-01
2003-02
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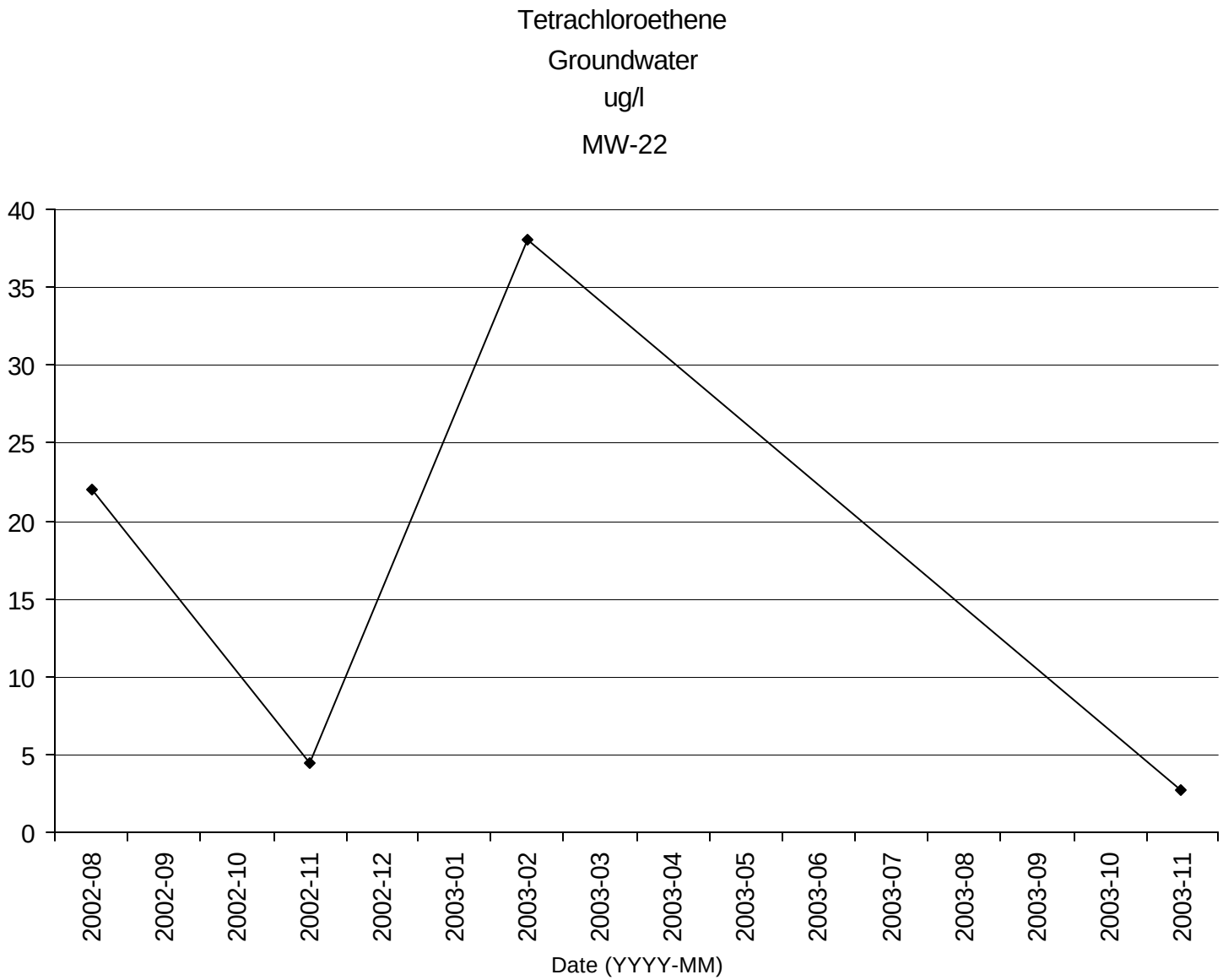
2003-04
2003-05
2003-06
2003-07
2003-08
2003-09
2003-10
2003-11
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-22
40
35
30
25
20
15
10
5
0
2002-08
2002-09
2002-10
2002-11
2002-12
2003-01
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2003-04
2003-05
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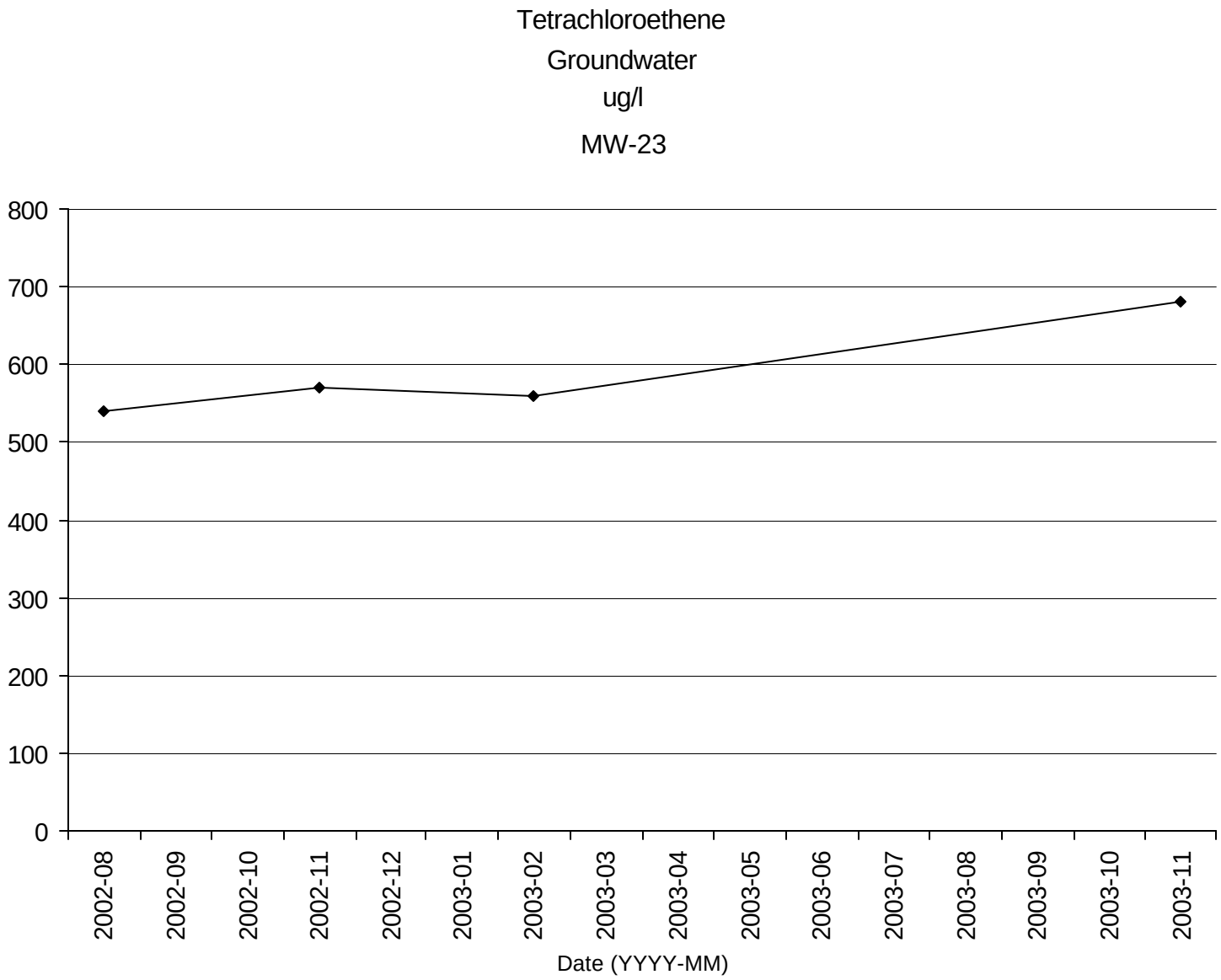
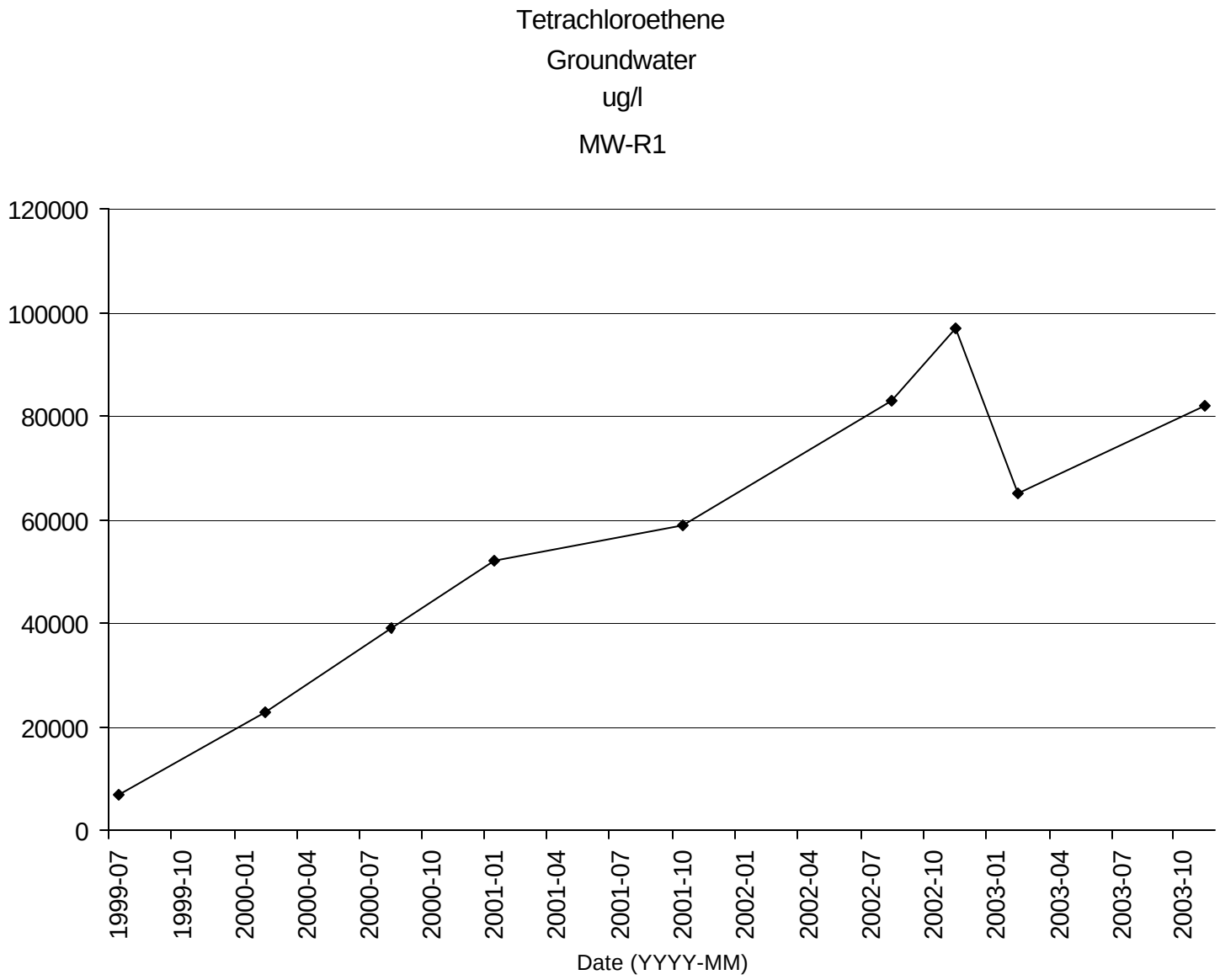
2003-09
2003-10
2003-11
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-23
800
700
600
500
400
300
200
100
0
2002-08
2002-09
2002-10
2002-11
2002-12
2003-01
2003-02
2003-03
2003-04
2003-05
2003-06
2003-07
2003-08
2003-09
2003-10
2003-11
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-R1
120000
100000
80000
60000
40000
20000
0
1999-07
1999-10
2000-01
2000-04
2000-07
2000-10
2001-01
2001-04
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2002-01
2002-04
2002-07
2002-10
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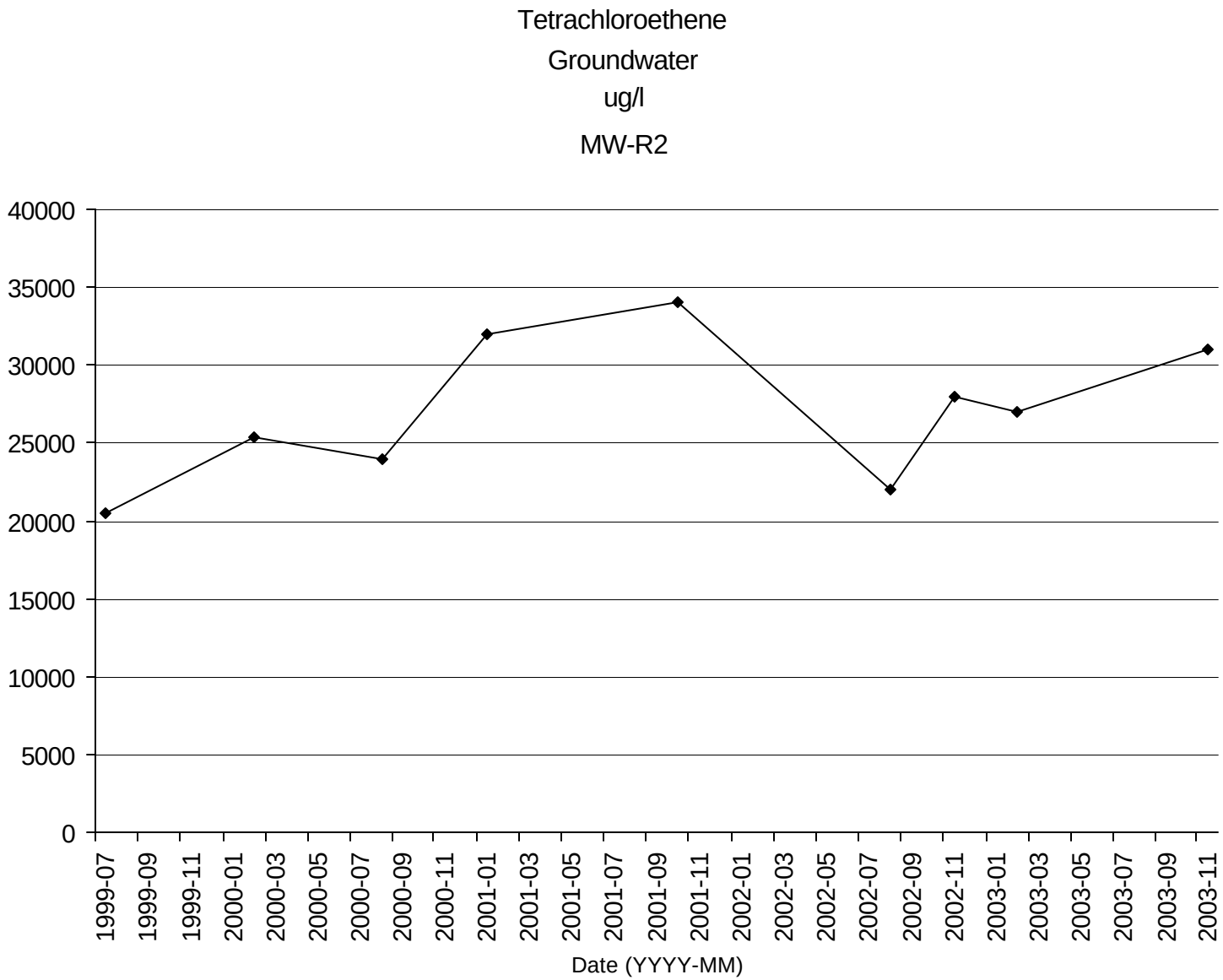
2003-04
2003-07
2003-10
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-R2
40000
35000
30000
25000
20000
15000
10000
5000
0
1999-07
1999-09
1999-11
2000-01
2000-03
2000-05
2000-07
2000-09
2000-11
2001-01
2001-03
2001-05
2001-07
2001-09
2001-11
2002-01
2002-03
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2003-03
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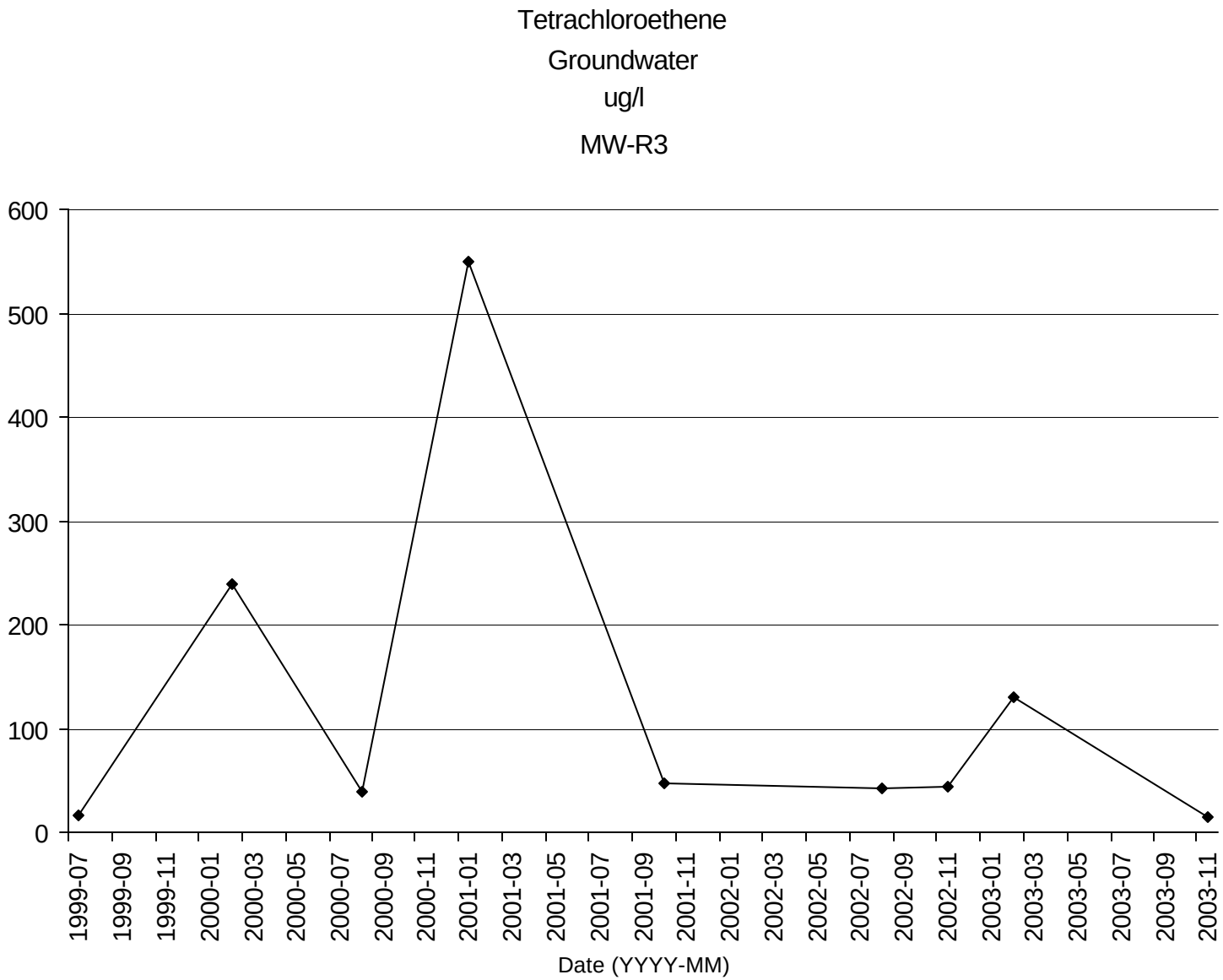
2003-07
2003-09
2003-11
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-R3
600
500
400
300
200
100
0
1999-07
1999-09
1999-11
2000-01
2000-03
2000-05
2000-07
2000-09
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2001-01
2001-03
2001-05
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2002-01
2002-03
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2003-07
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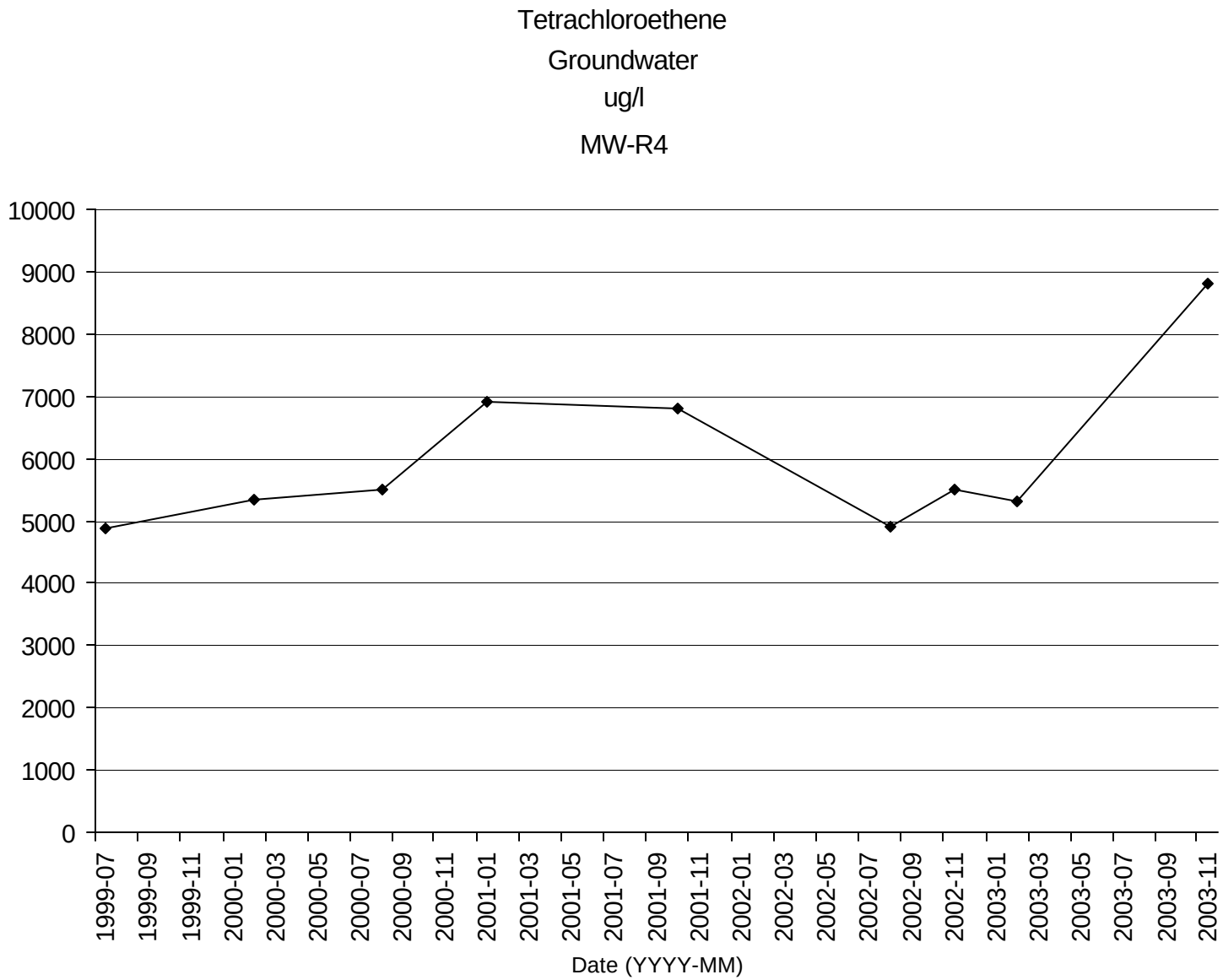
2003-11
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-R4
10000
9000
8000
7000
6000
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4000
3000
2000
1000
0
1999-07
1999-09
1999-11
2000-01
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2000-05
2000-07
2000-09
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2001-01
2001-03
2001-05
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2002-01
2002-03
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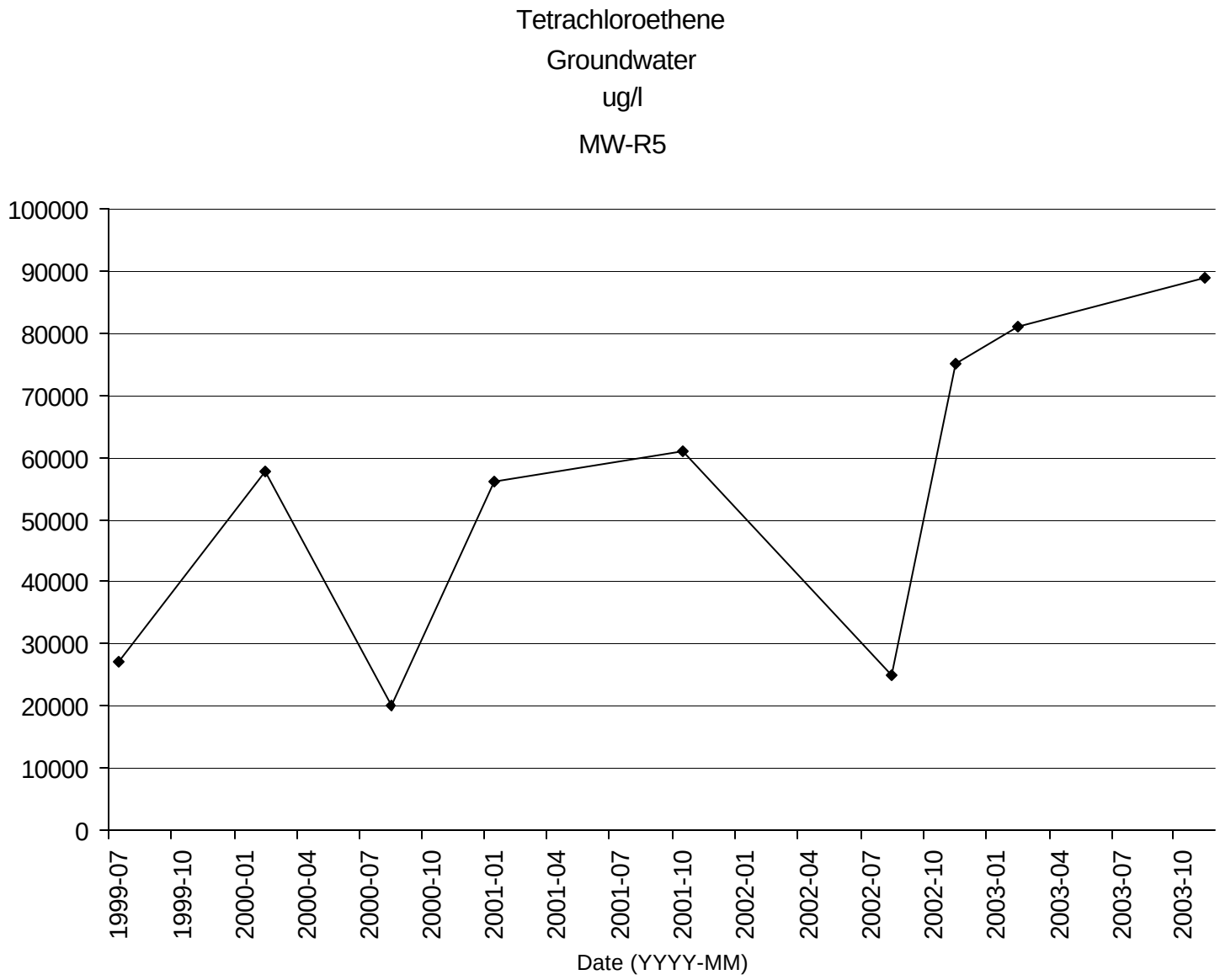
2002-09
2002-11
2003-01
2003-03
2003-05
2003-07
2003-09
2003-11
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-R5
100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
1999-07
1999-10
2000-01
2000-04
2000-07
2000-10
2001-01
2001-04
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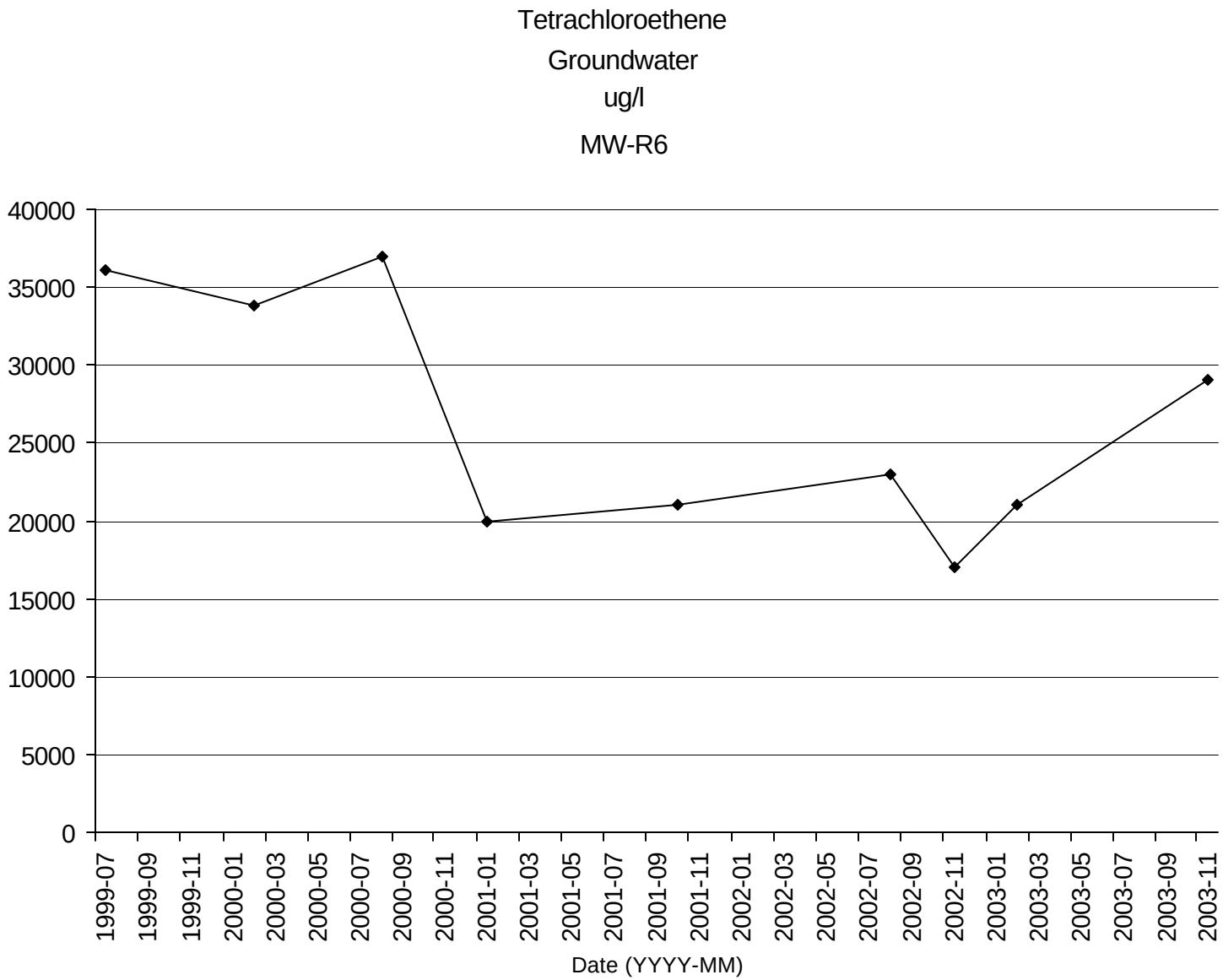
2002-01
2002-04
2002-07
2002-10
2003-01
2003-04
2003-07
2003-10
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-R6
40000
35000
30000
25000
20000
15000
10000
5000
0
1999-07
1999-09
1999-11
2000-01
2000-03
2000-05
2000-07
2000-09
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2001-01
2001-03
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2002-01
2002-03
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2003-03
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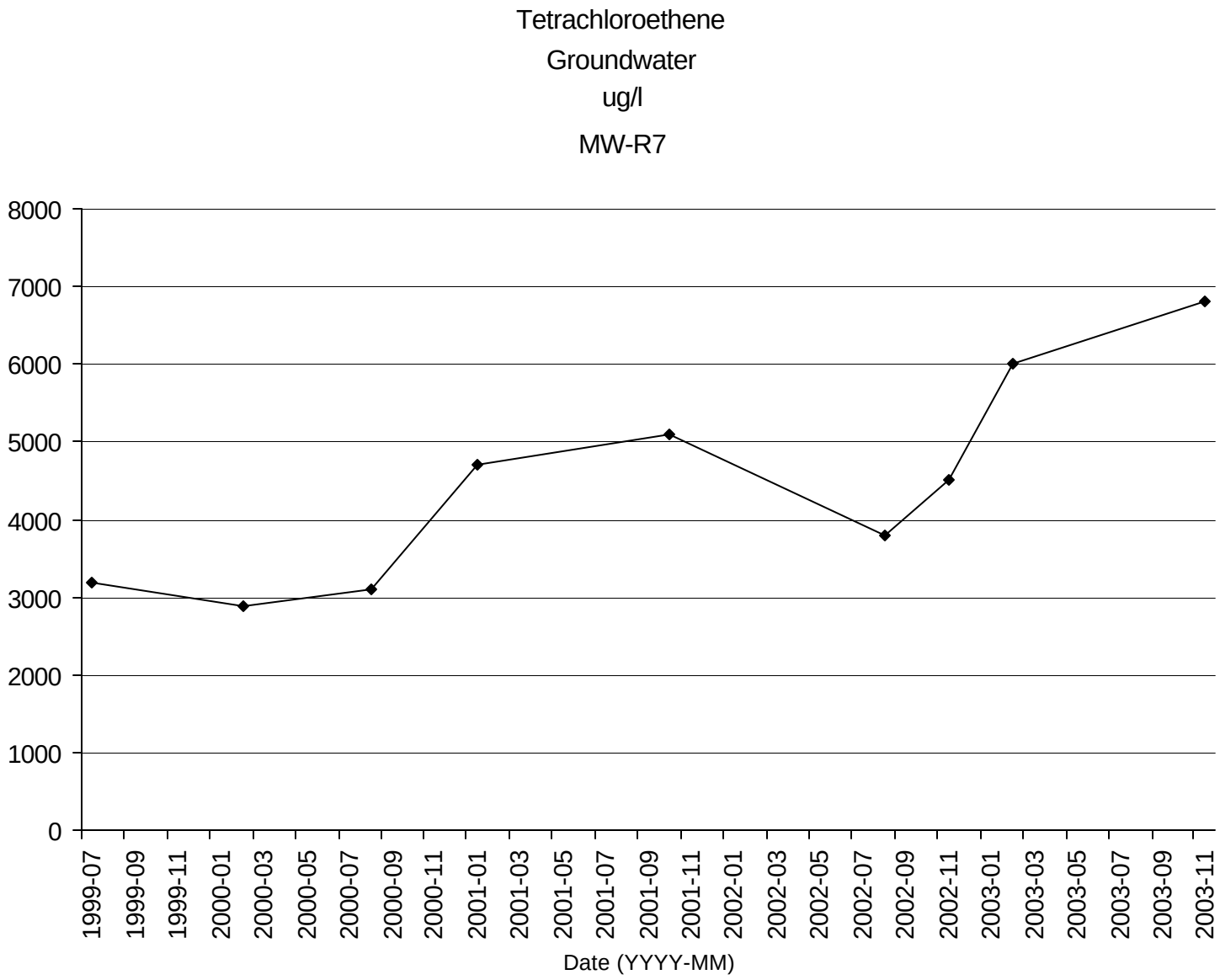
2003-07
2003-09
2003-11
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-R7
8000
7000
6000
5000
4000
3000
2000
1000
0
1999-07
1999-09
1999-11
2000-01
2000-03
2000-05
2000-07
2000-09
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2001-01
2001-03
2001-05
2001-07
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2001-11
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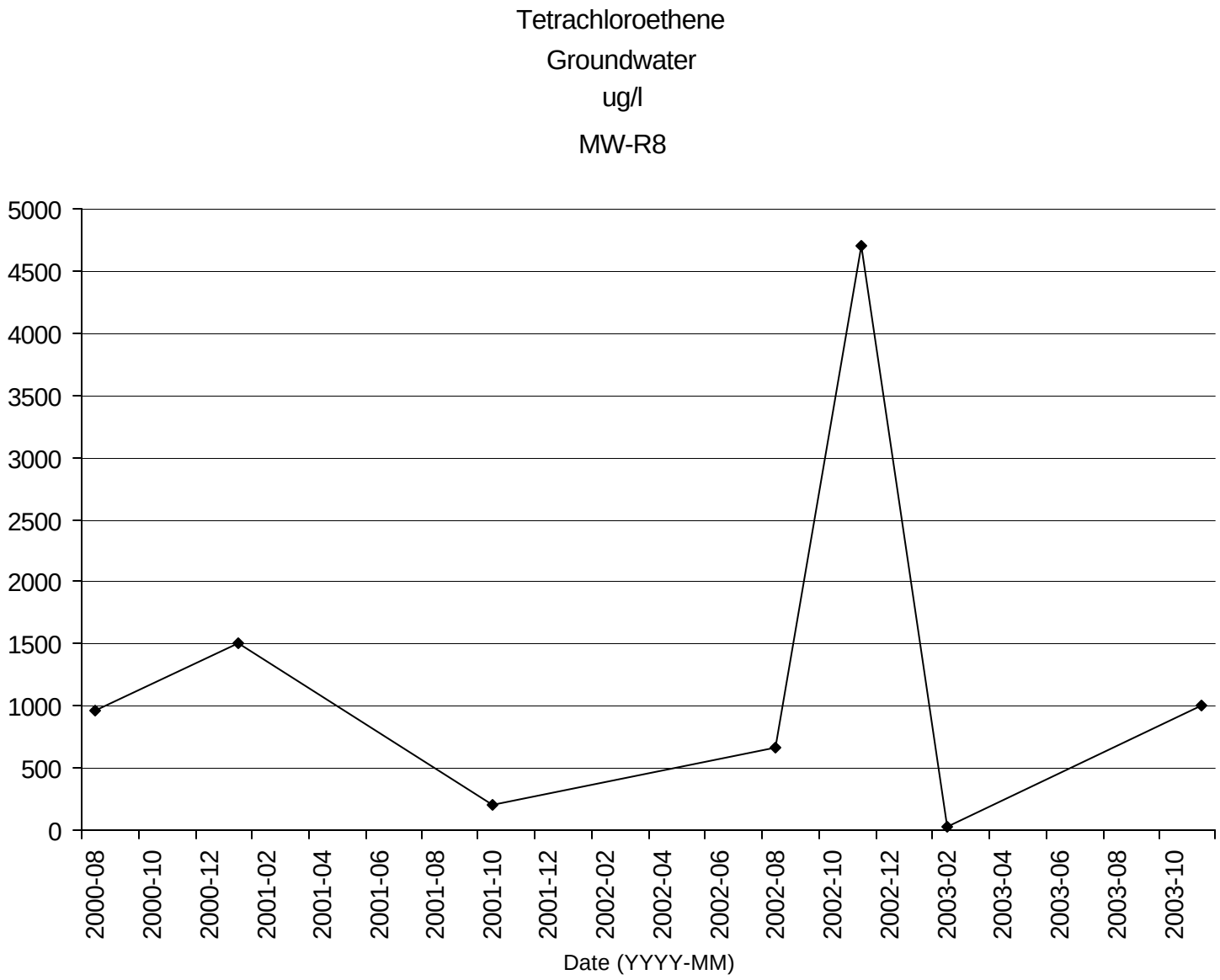
2003-11
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-R8
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
2000-08
2000-10
2000-12
2001-02
2001-04
2001-06
2001-08
2001-10
2001-12
2002-02
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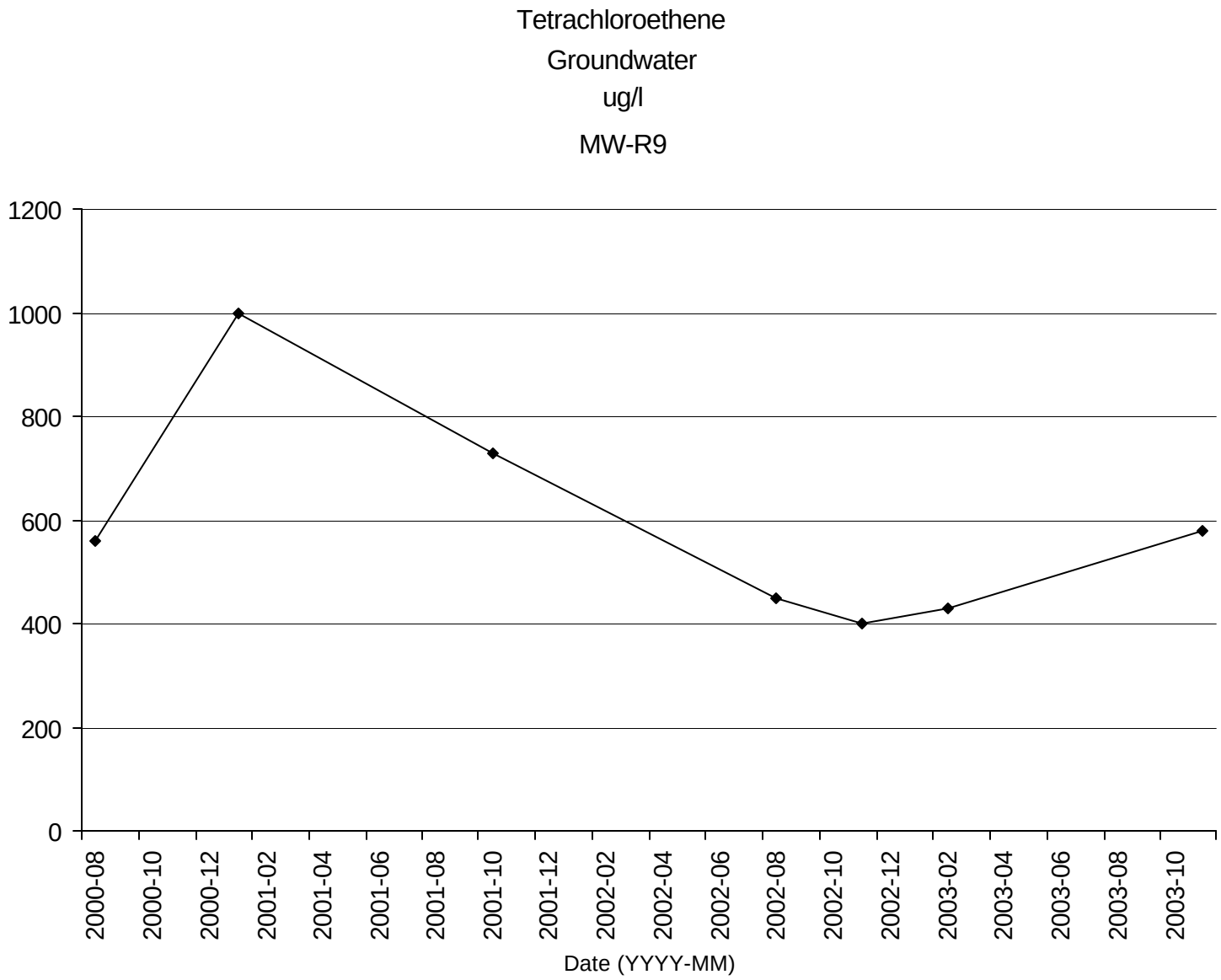
2003-08
2003-10
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-R9
1200
1000
800
600
400
200
0
2000-08
2000-10
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2001-02
2001-04
2001-06
2001-08
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2002-02
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2002-12
2003-02
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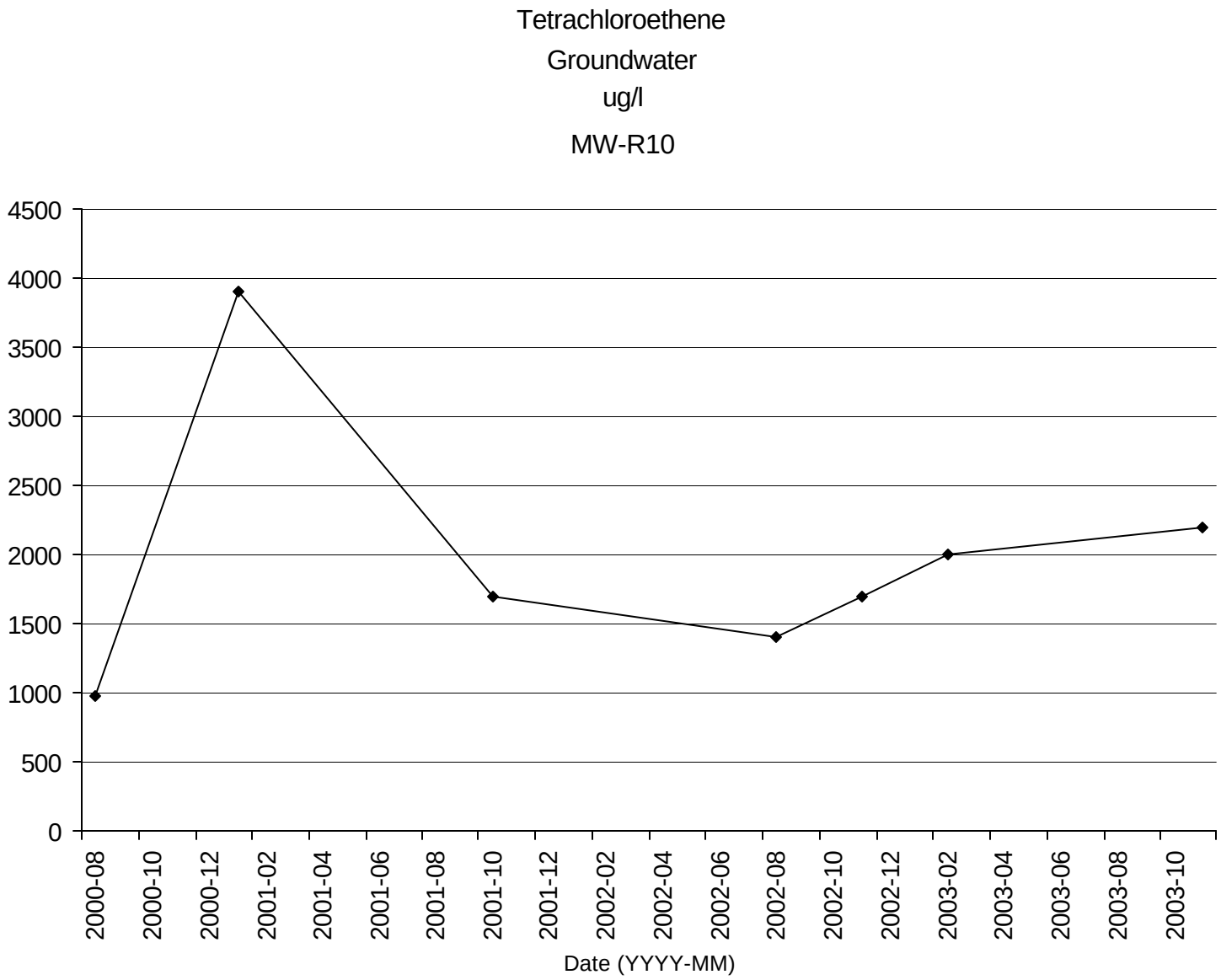
2003-06
2003-08
2003-10
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-R10
4500
4000
3500
3000
2500
2000
1500
1000
500
0
2000-08
2000-10
2000-12
2001-02
2001-04
2001-06
2001-08
2001-10
2001-12
2002-02
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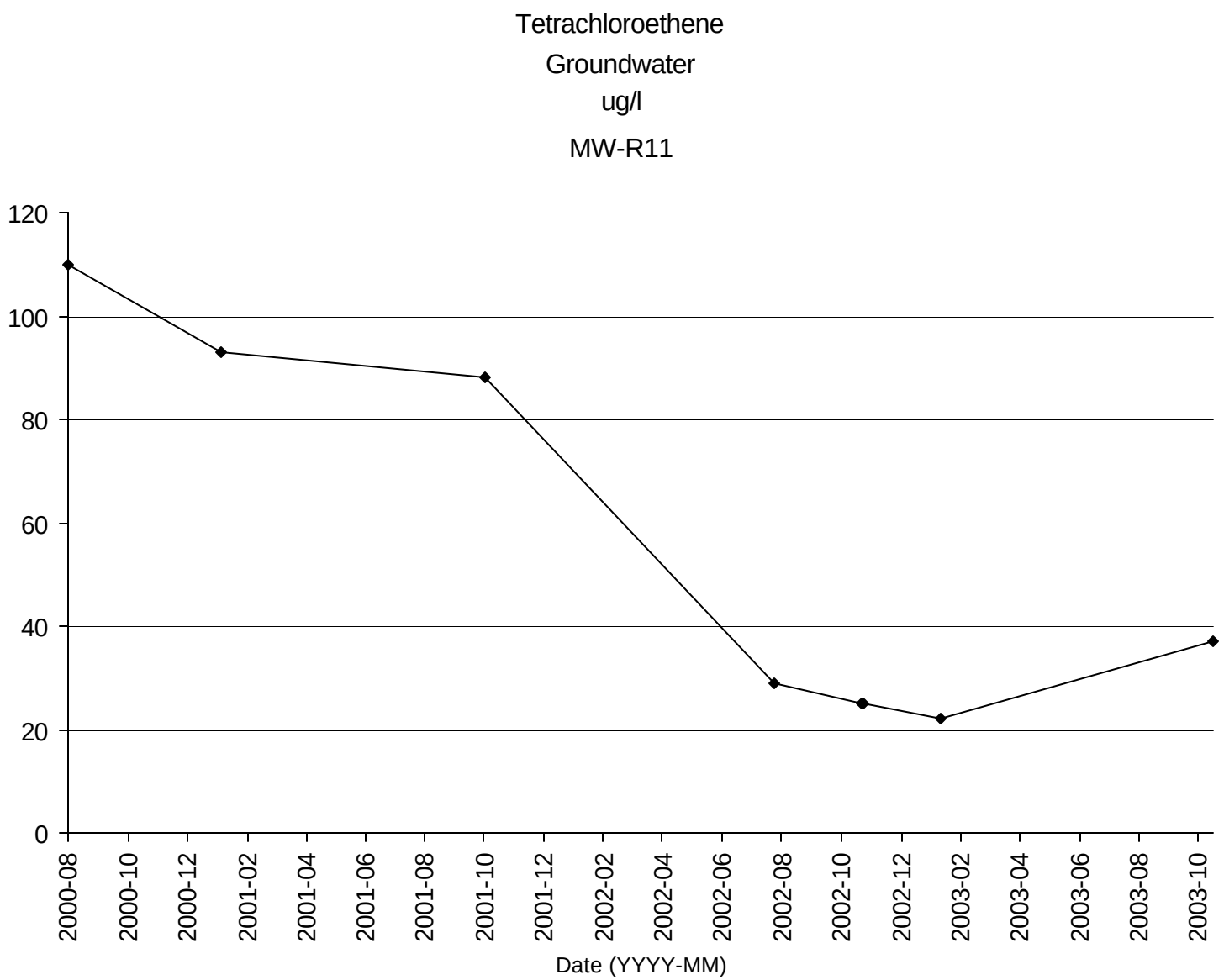
2002-08
2002-10
2002-12
2003-02
2003-04
2003-06
2003-08
2003-10
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
MW-R11
120
100
80
60
40
20
0
2000-08
2000-10
2000-12
2001-02
2001-04
2001-06
2001-08
2001-10
2001-12
2002-02
2002-04
2002-06
2002-08
2002-10
2002-12
2003-02
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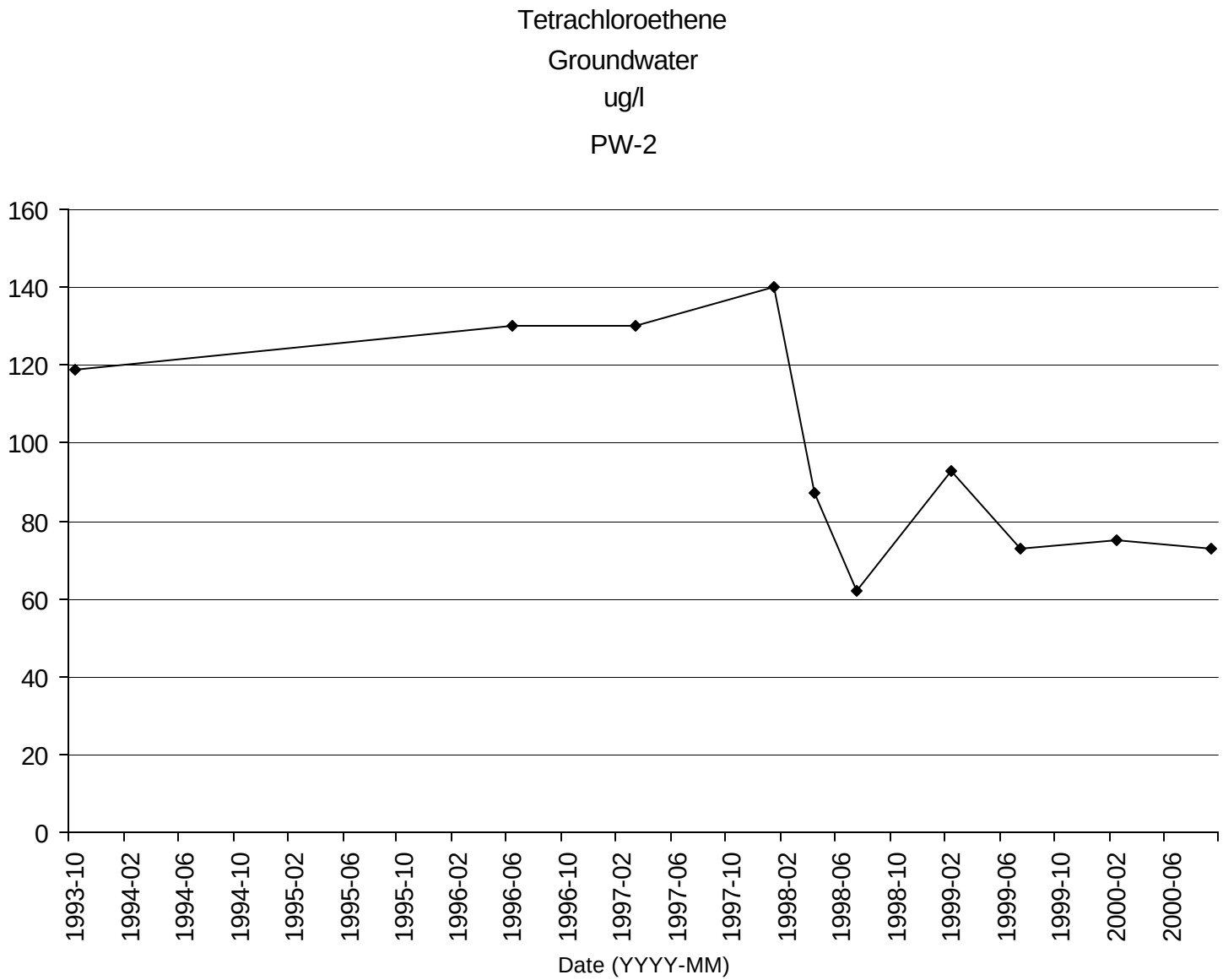
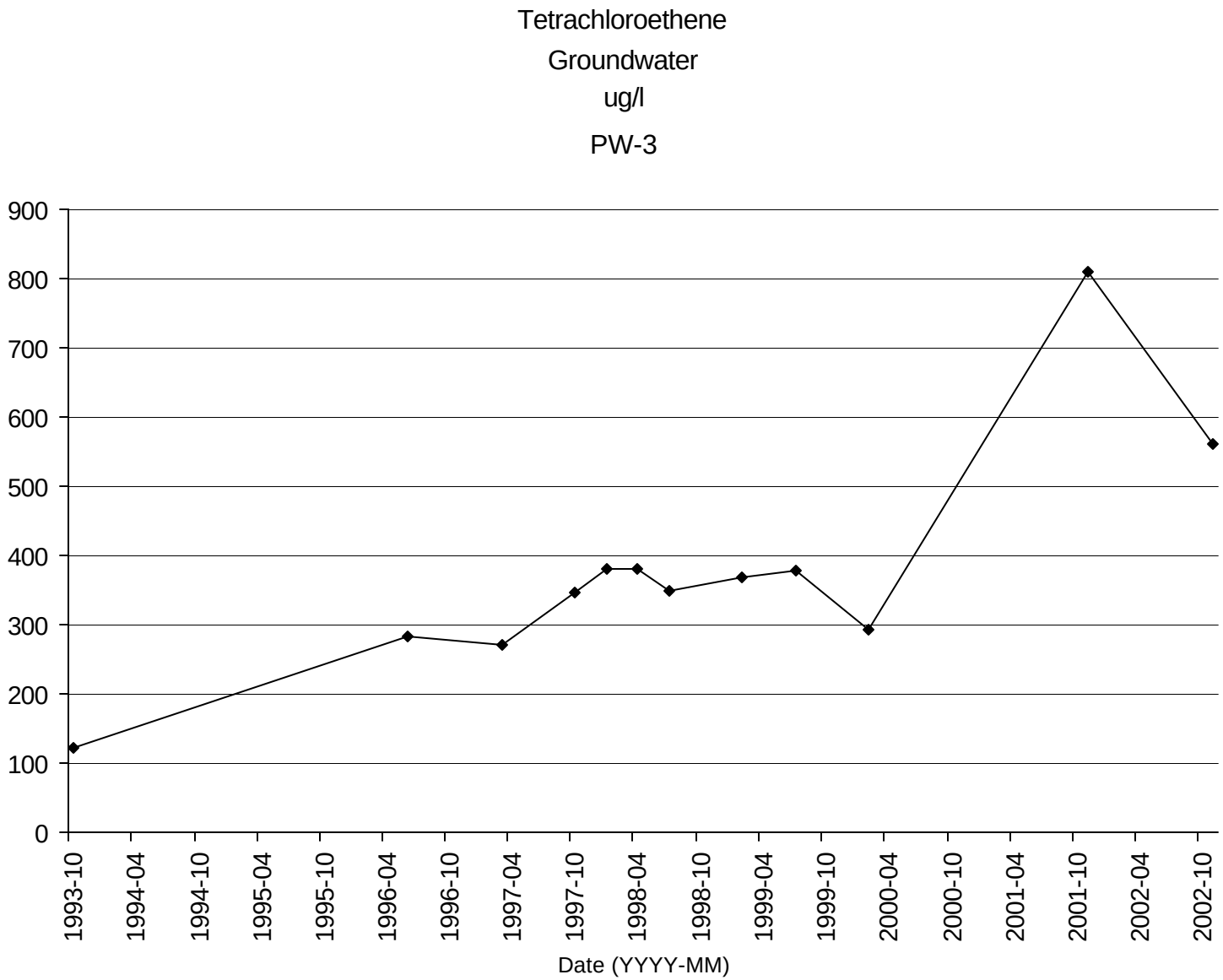
2003-06
2003-08
2003-10
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
PW-2
160
140
120
100
80
60
40
20
0
1993-10
1994-02
1994-06
1994-10
1995-02
1995-06
1995-10
1996-02
1996-06
1996-10
1997-02
1997-06
1997-10
1998-02
1998-06
1998-10
1999-02
1999-06
1999-10
2000-02
2000-06
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
PW-3
900
800
700
600
500
400
300
200
100
0
1993-10
1994-04
1994-10
1995-04
1995-10
1996-04
1996-10
1997-04
1997-10
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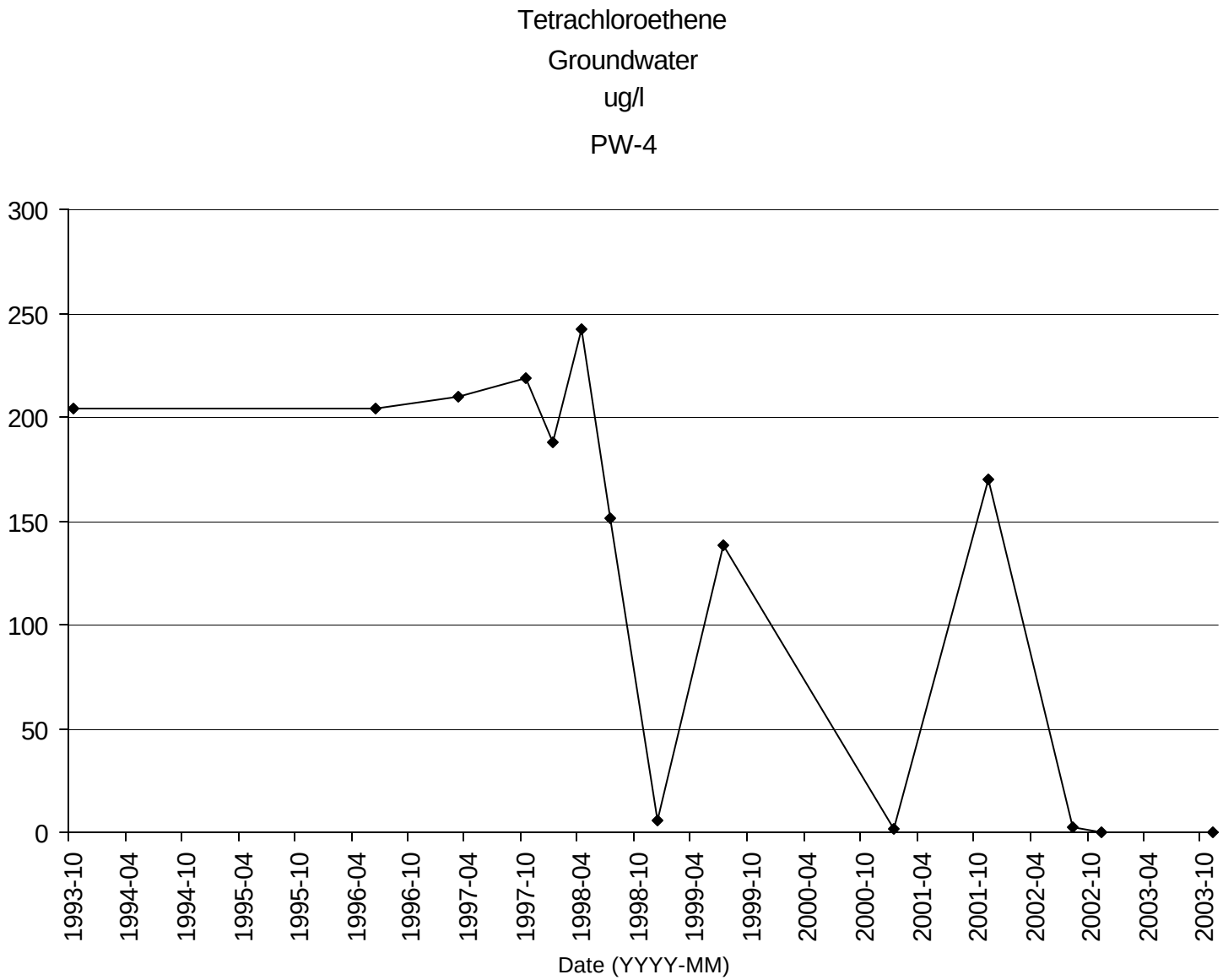
2002-10
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
PW-4
300
250
200
150
100
50
0
1993-10
1994-04
1994-10
1995-04
1995-10
1996-04
1996-10
1997-04
1997-10
1998-04
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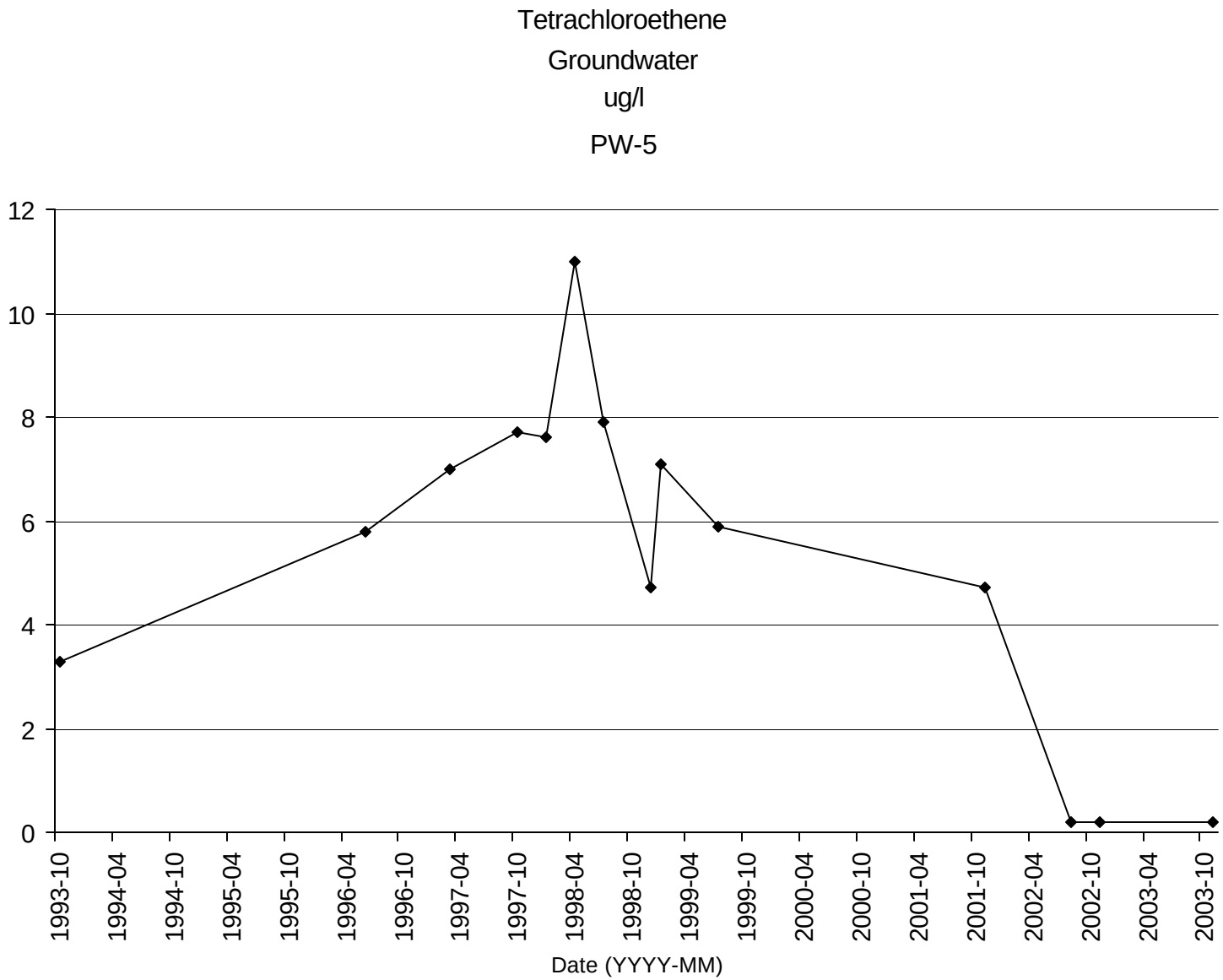
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
PW-5
12
10
8
6
4
2
0
1993-10
1994-04
1994-10
1995-04
1995-10
1996-04
1996-10
1997-04
1997-10
1998-04
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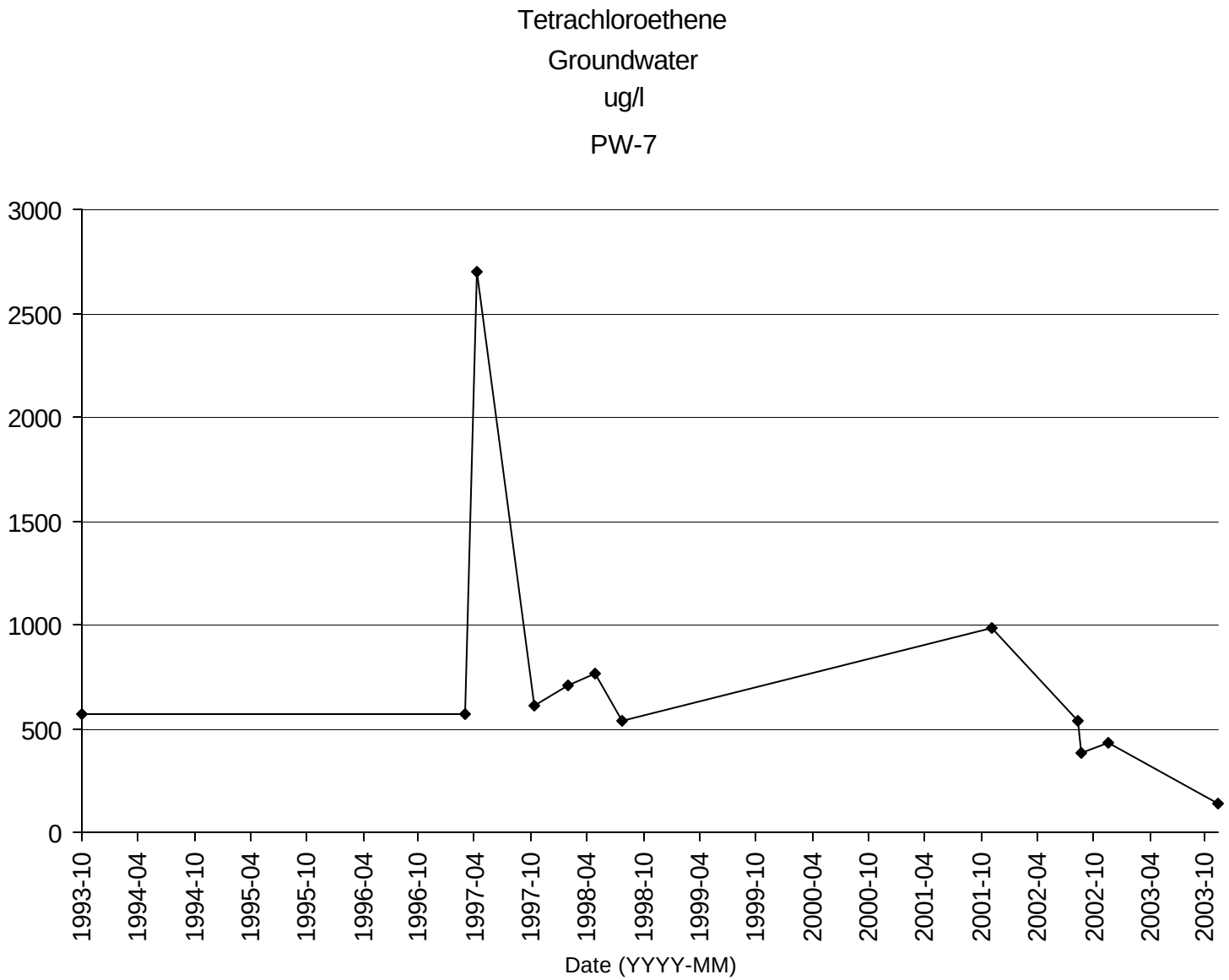
2003-10
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
PW-7
3000
2500
2000
1500
1000
500
0
1993-10
1994-04
1994-10
1995-04
1995-10
1996-04
1996-10
1997-04
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1998-04
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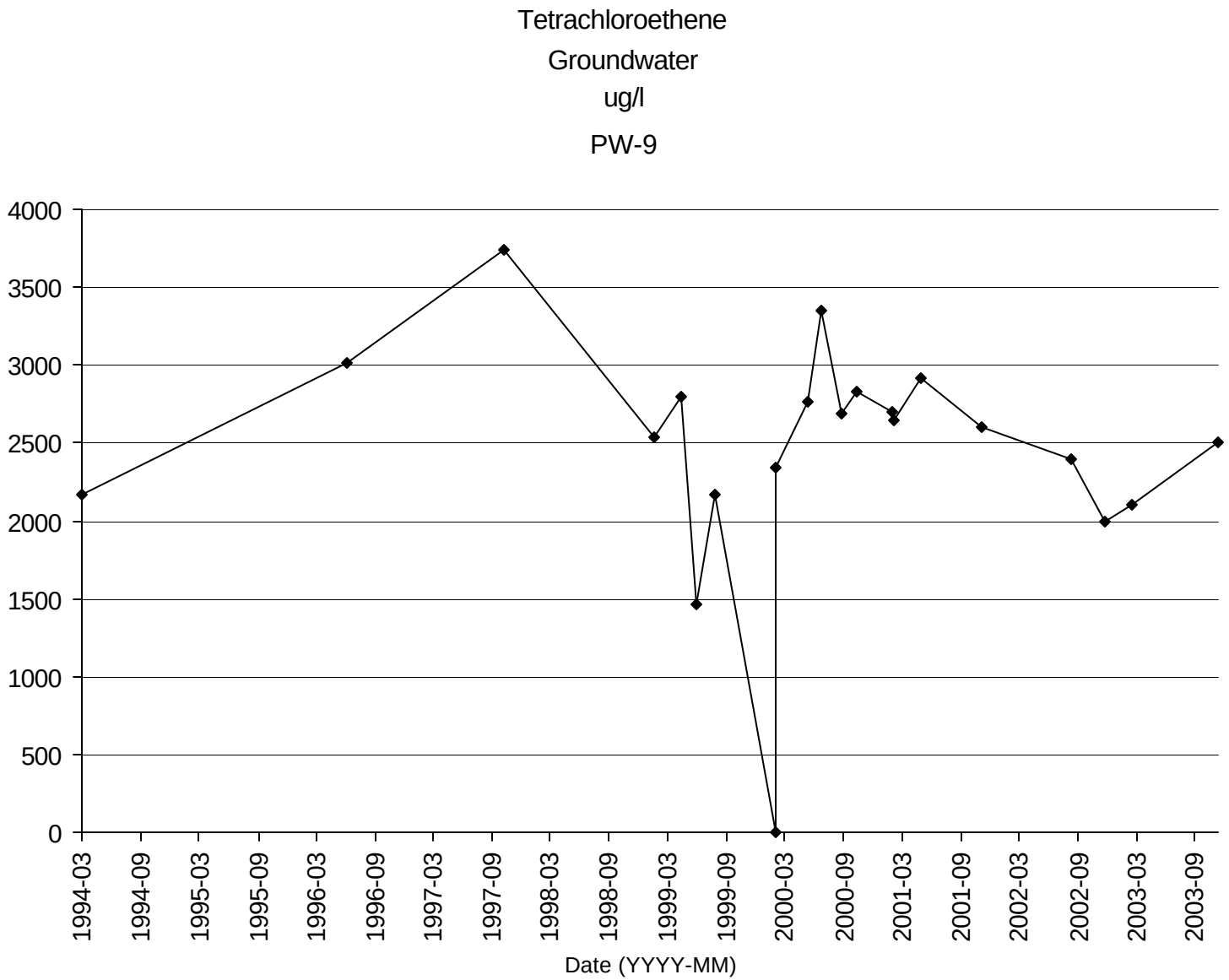
Date (YYYY-MM)


Tetrachloroethene
Groundwater
ug/l
PW-9
4000
3500
3000
2500
2000
1500
1000
500
0
1994-03
1994-09
1995-03
1995-09
1996-03
1996-09
1997-03
1997-09
1998-03
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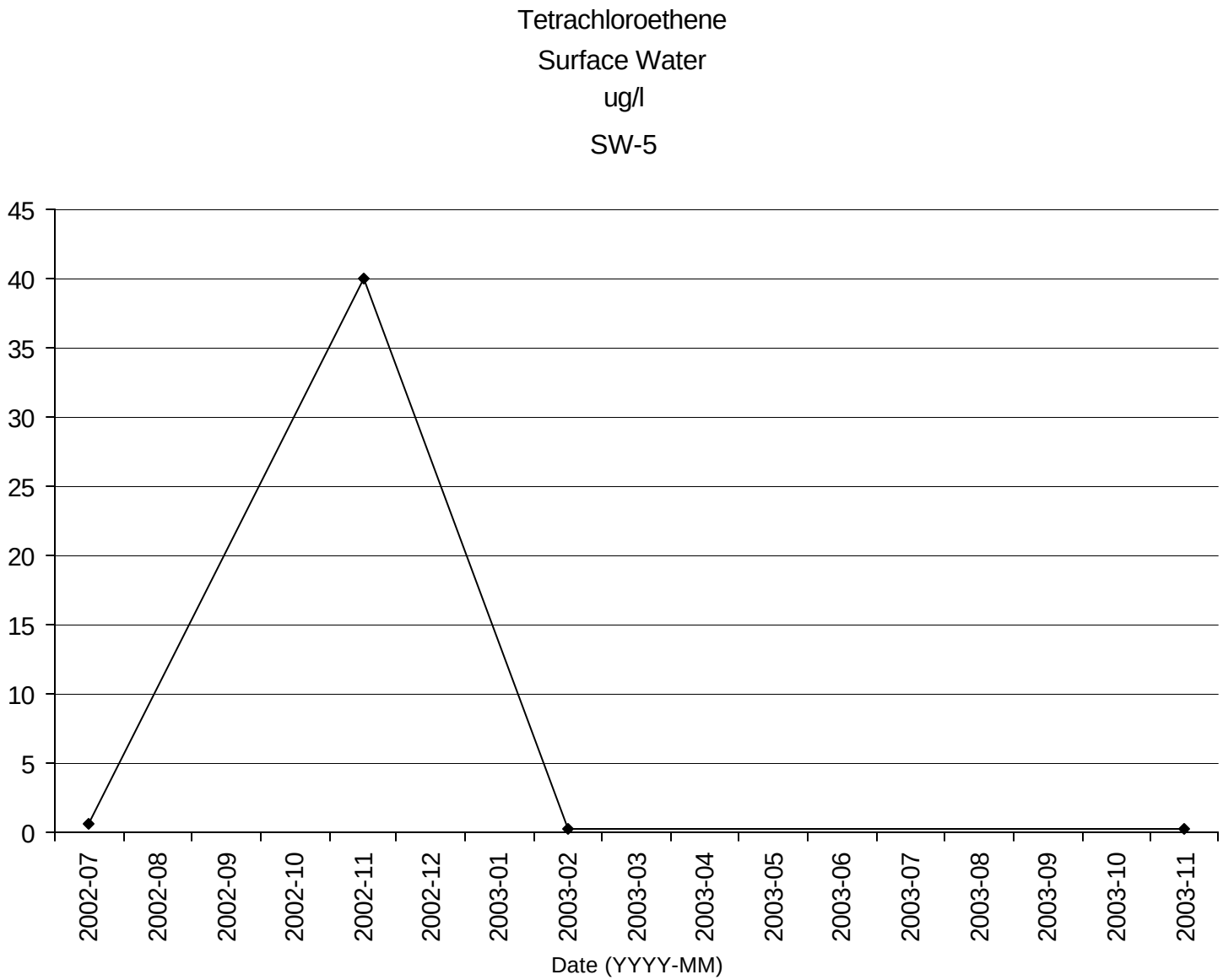
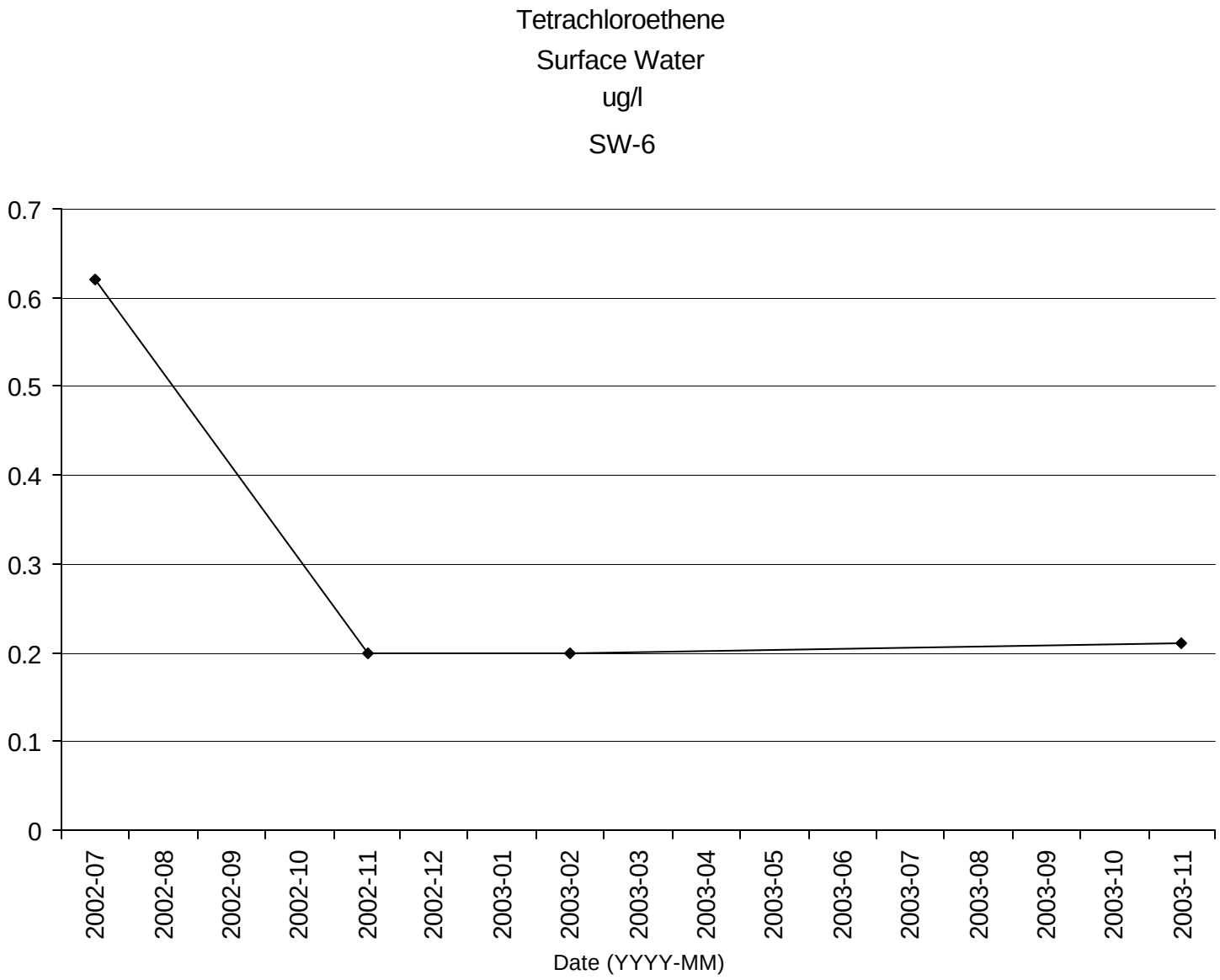
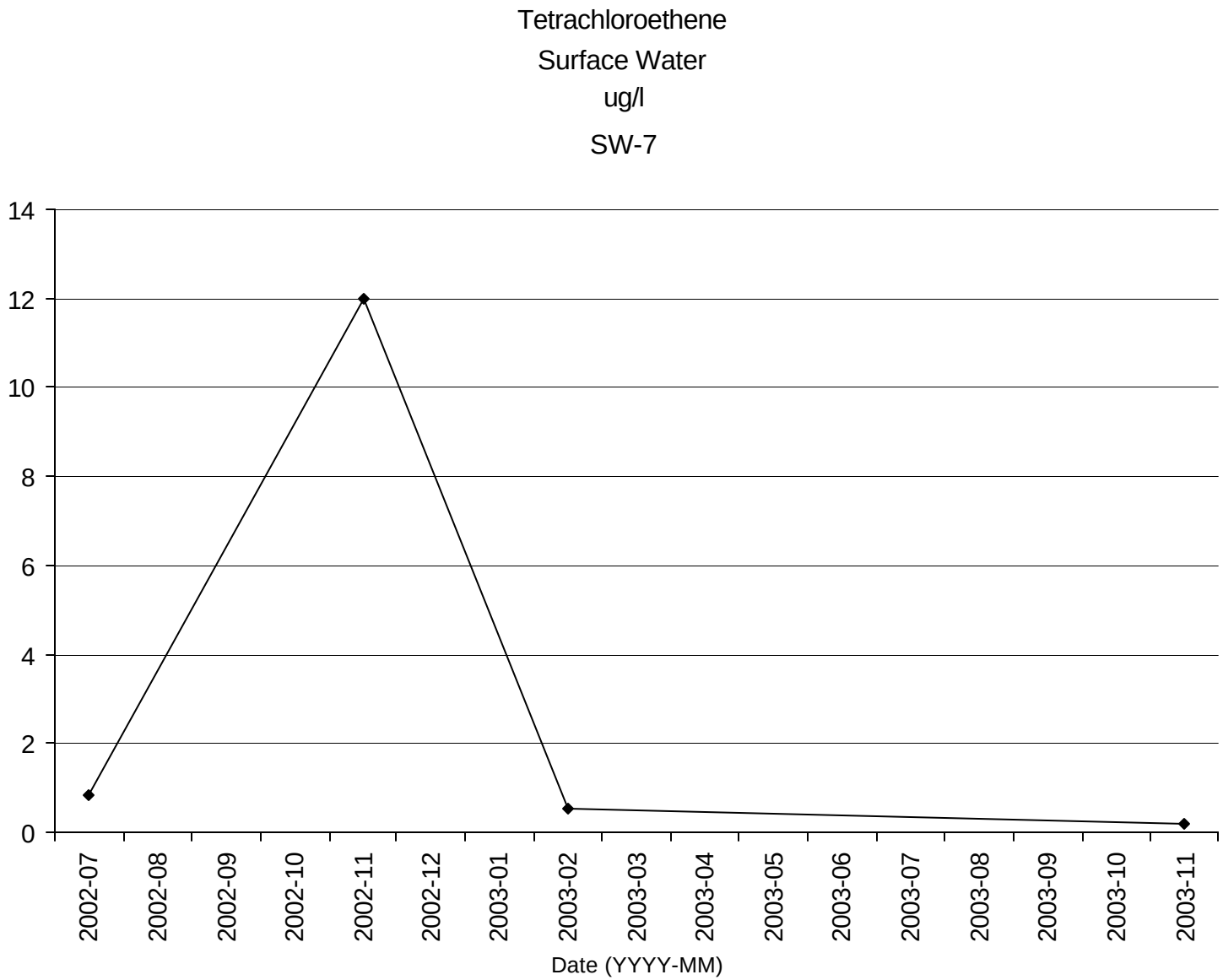
Date (YYYY-MM)


Tetrachloroethene
Surface Water
ug/l
SW-5
45
40
35
30
25
20
15
10
5
0
2002-07
2002-08
2002-09
2002-10
2002-11
2002-12
2003-01
2003-02
2003-03
2003-04
2003-05
2003-06
2003-07
2003-08
2003-09
2003-10
2003-11
Date (YYYY-MM)


Tetrachloroethene
Surface Water
ug/l
SW-6
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
2002-07
2002-08
2002-09
2002-10
2002-11
2002-12
2003-01
2003-02
2003-03
2003-04
2003-05
2003-06
2003-07
2003-08
2003-09
2003-10
2003-11
Date (YYYY-MM)


Tetrachloroethene
Surface Water
ug/l
SW-7
14
12
10
8
6
4
2
0
2002-07
2002-08
2002-09
2002-10
2002-11
2002-12
2003-01
2003-02
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2003-04
2003-05
2003-06
2003-07
2003-08
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2003-10
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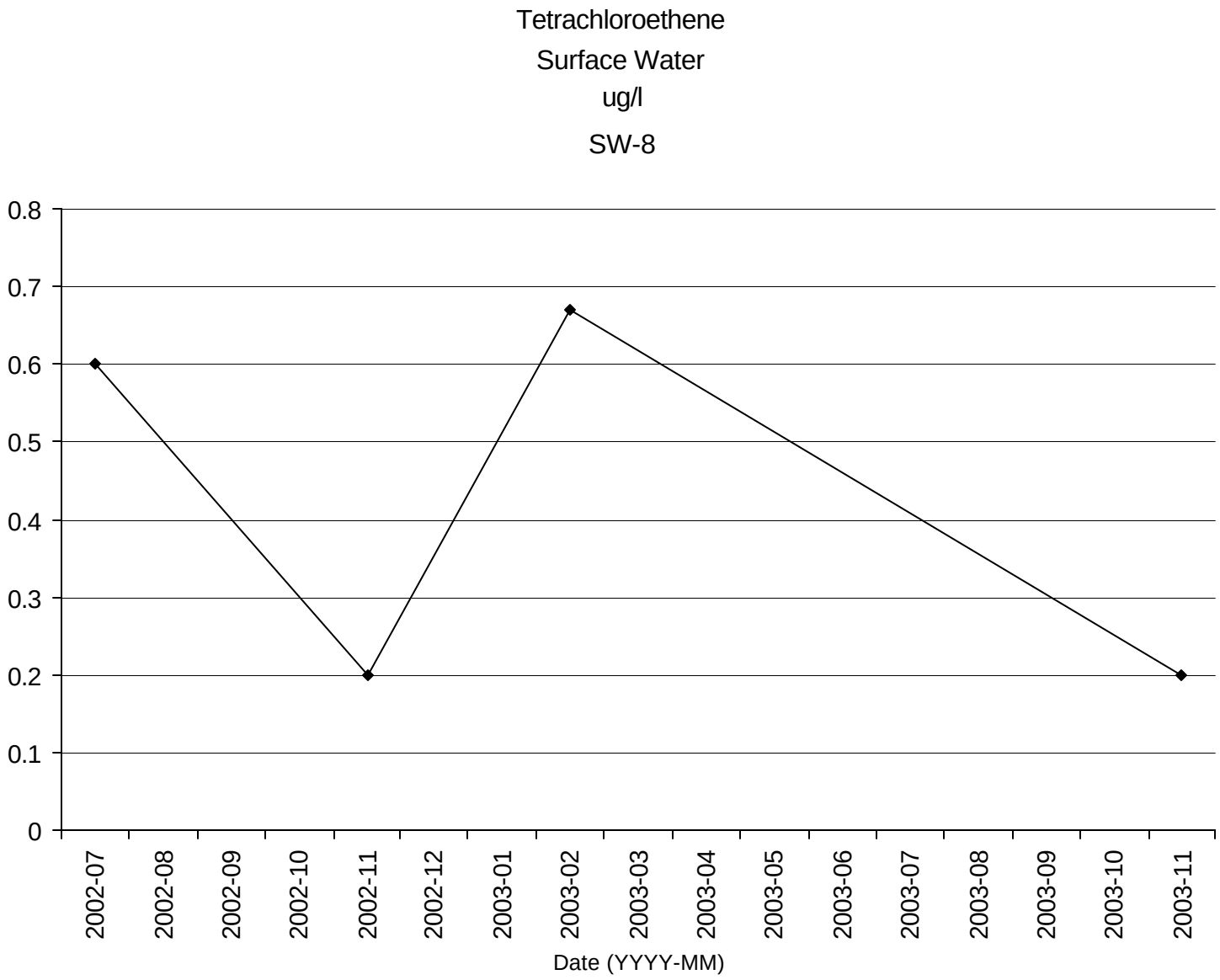
Date (YYYY-MM)


Tetrachloroethene
Surface Water
ug/l
SW-8
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
2002-07
2002-08
2002-09
2002-10
2002-11
2002-12
2003-01
2003-02
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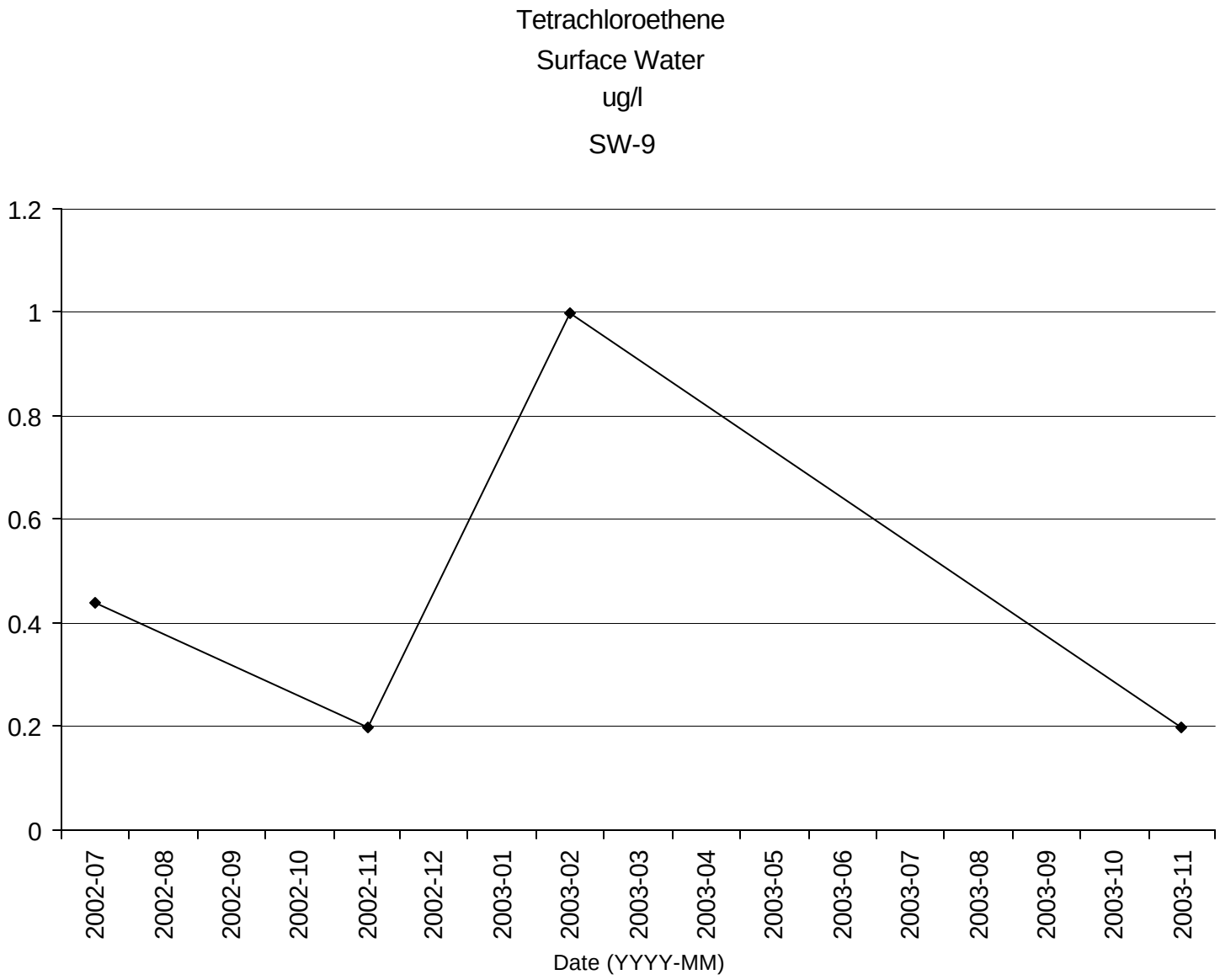
Date (YYYY-MM)


Tetrachloroethene
Surface Water
ug/l
SW-9
1.2
1
0.8
0.6
0.4
0.2
0
2002-07
2002-08
2002-09
2002-10
2002-11
2002-12
2003-01
2003-02
2003-03
2003-04
2003-05
2003-06
2003-07
2003-08
2003-09
2003-10
2003-11
Date (YYYY-MM)