

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120318\
 Data File : VX006258.D
 Acq On : 03 Dec 2018 17:24
 Operator : JC/MD
 Sample : J6203-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Dec 04 04:58:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	903650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1362465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1222064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	587994	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	443305	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	
35) Dibromofluoromethane	5.51	113	430208	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
50) Toluene-d8	8.71	98	1579914	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.14	95	582046	48.14	ug/l	0.00
Spiked Amount			Recovery	=	96.28%	

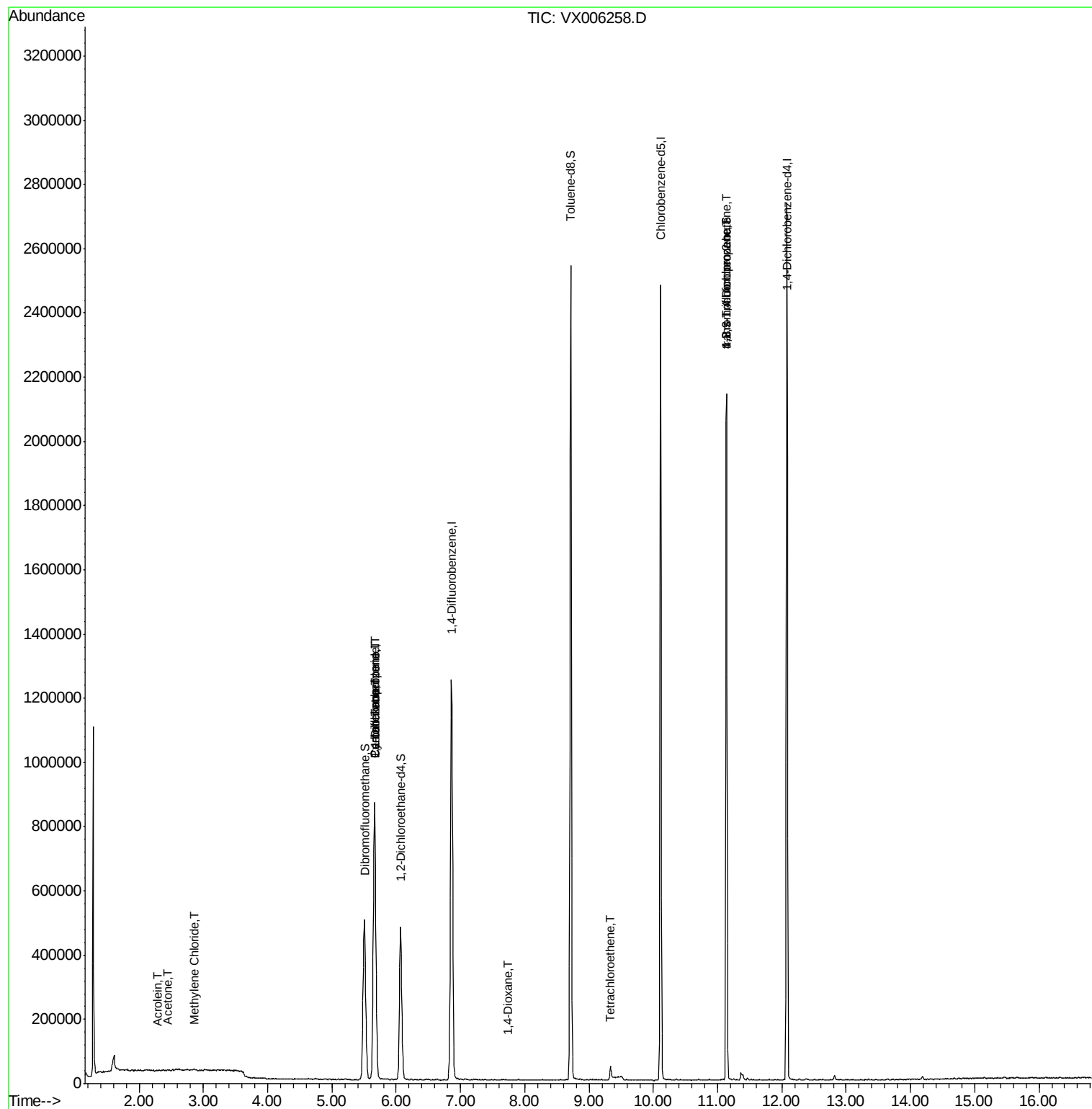
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.29	56	411	0.298	ug/l #	1
16) Acetone	2.44	43	2401	0.555	ug/l #	72
20) Methylene Chloride	2.85	84	3261	0.354	ug/l #	57
31) Cyclohexane	5.67	56	14120	1.060	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	56830	4.953	ug/l #	49
38) Carbon Tetrachloride	5.67	117	81547	6.042	ug/l #	17
49) 1,4-Dioxane	7.73	88	56	0.218	ug/l #	27
64) Tetrachloroethene	9.34	164	3658	0.397	ug/l	91
76) 1,2,3-Trichloropropane	11.13	75	263323	23.202	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	263323	54.448	ug/l #	15

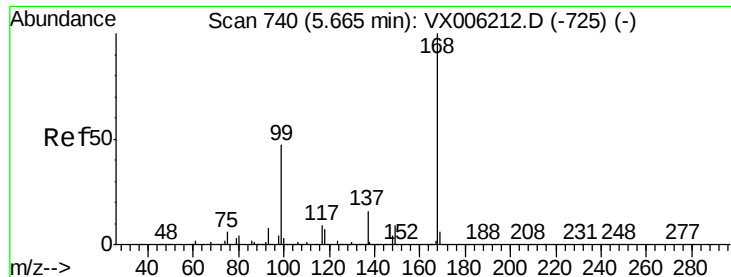
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120318\
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Quant Time: Dec 04 04:58:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006258.D

Acq: 03 Dec 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

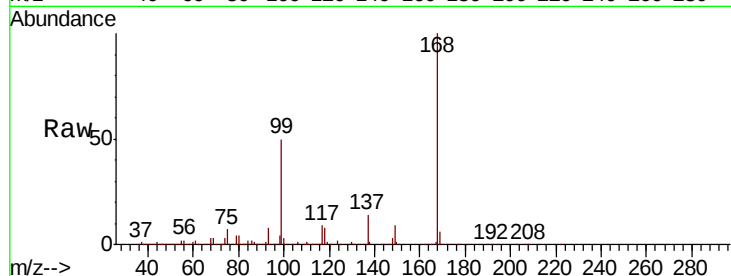
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 903650

Ion Ratio Lower Upper

168 100

99 50.2 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

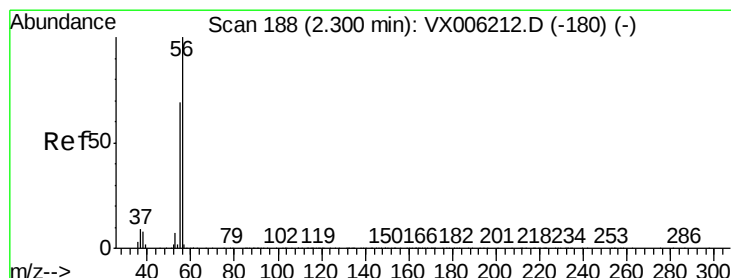
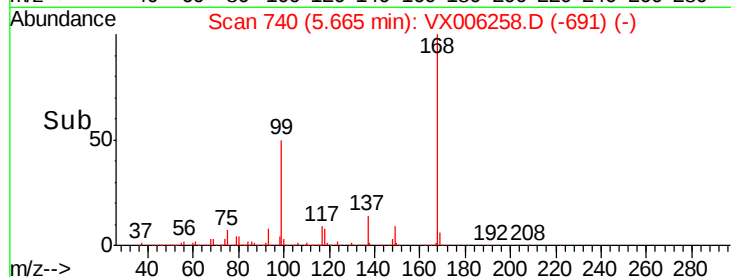
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#13

Acrolein

Concen: 0.298 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX006258.D

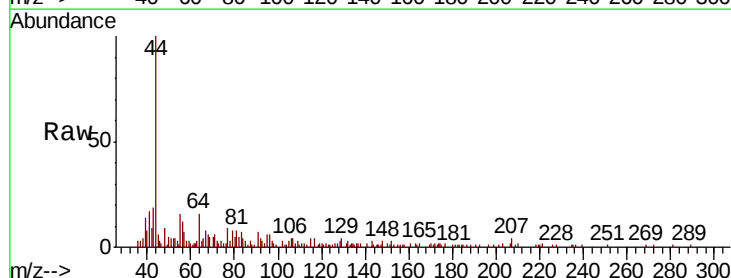
Acq: 03 Dec 2018 17:24

Tgt Ion: 56 Resp: 411

Ion Ratio Lower Upper

56 100

55 221.4 57.8 86.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

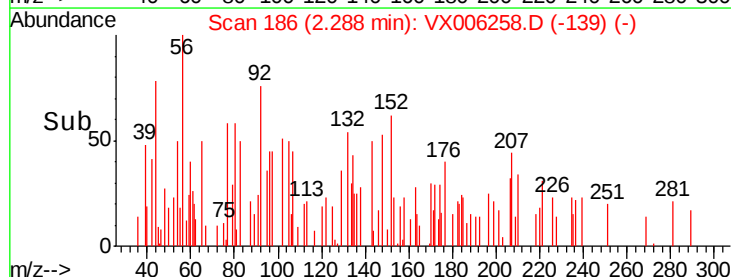
1000

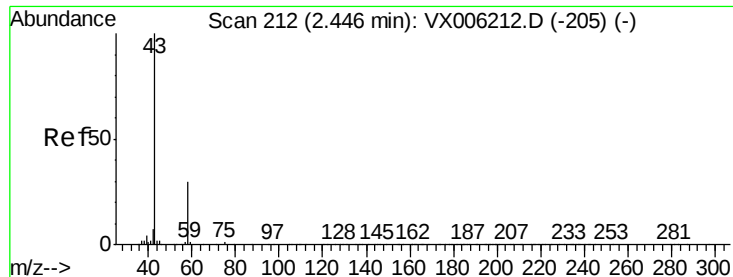
500

0

Time-->

2.24 2.26 2.28 2.30 2.32

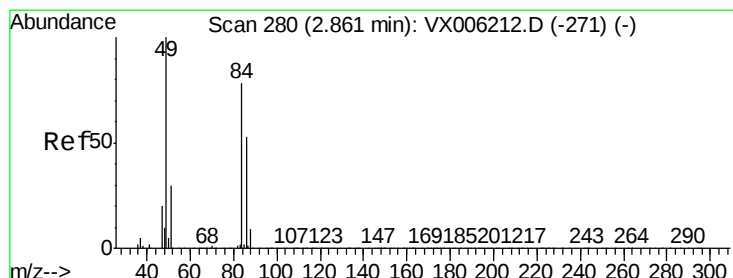
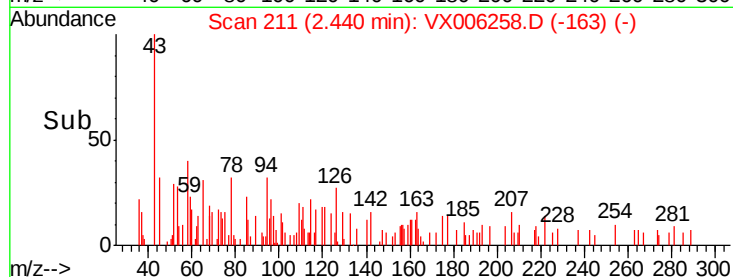
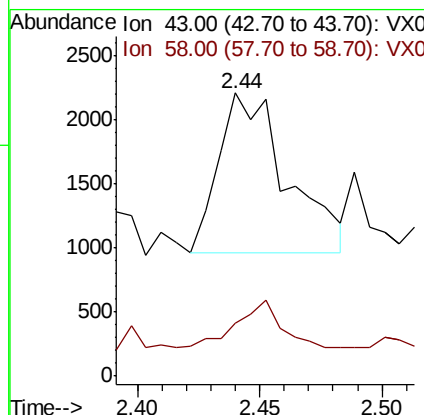
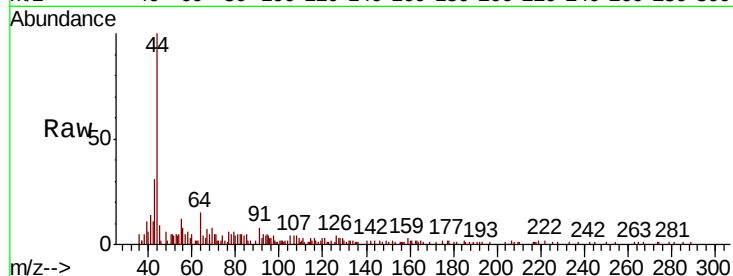




#16
Acetone
Concen: 0.555 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX006258.D
Acq: 03 Dec 2018 17:24

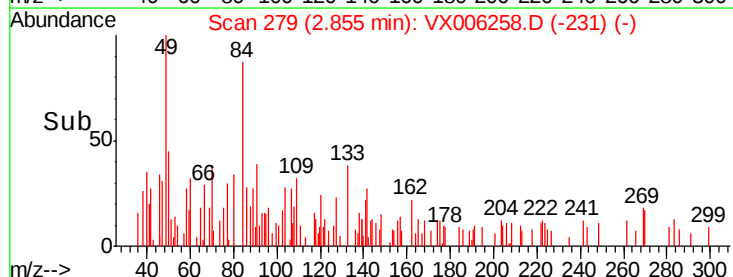
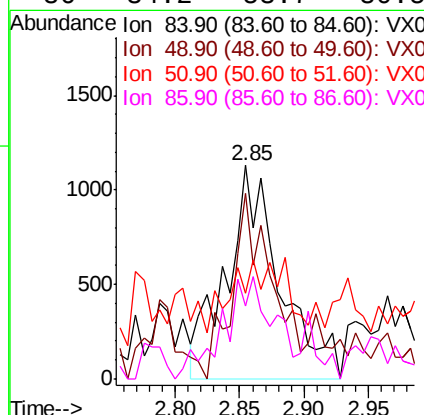
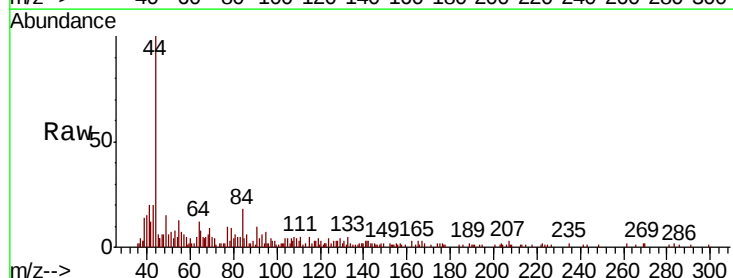
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

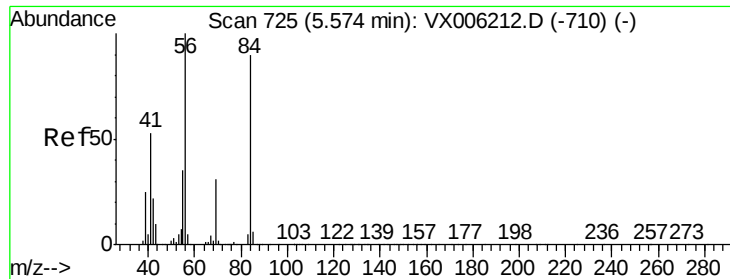
Tot Ion: 43 Resp: 2401
Ion Ratio Lower Upper
43 100
58 15.1 24.0 36.0#



#20
Methylene Chloride
Concen: 0.354 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006258.D
Acq: 03 Dec 2018 17:24

Tgt Ion: 84 Resp: 3261
Ion Ratio Lower Upper
84 100
49 76.2 102.2 153.4#
51 13.4 31.1 46.7#
86 34.2 53.7 80.5#





#31

Cvclohexane

Concen: 1.060 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX006258.D

Acq: 03 Dec 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

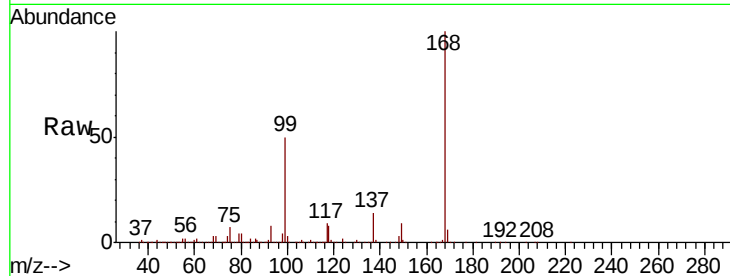
Tot Ion: 56 Resp: 14120

Ion Ratio Lower Upper

56 100

69 199.7 24.5 36.7#

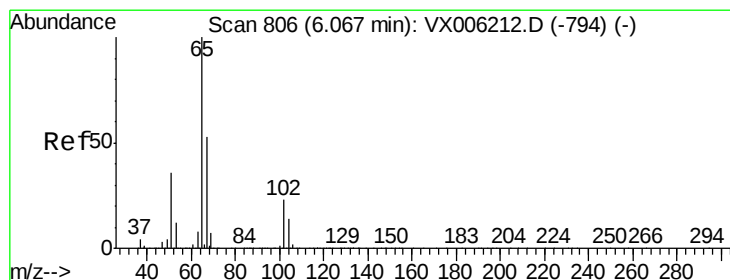
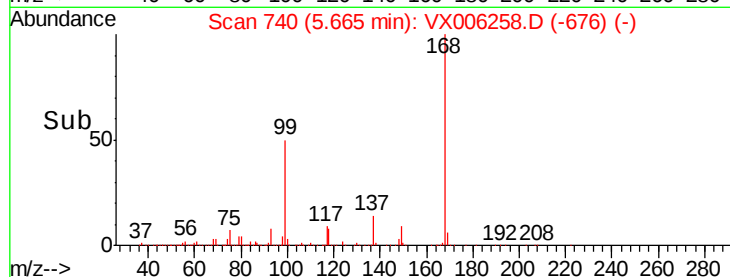
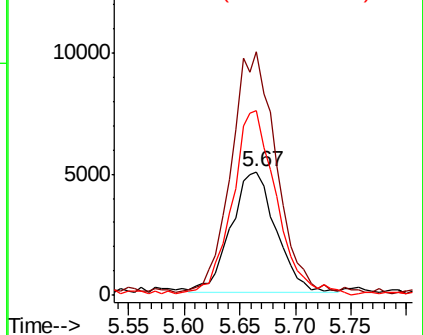
84 152.0 71.8 107.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.056 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006258.D

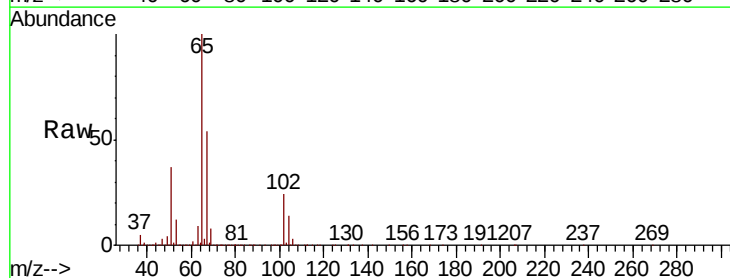
Acq: 03 Dec 2018 17:24

Tgt Ion: 65 Resp: 443305

Ion Ratio Lower Upper

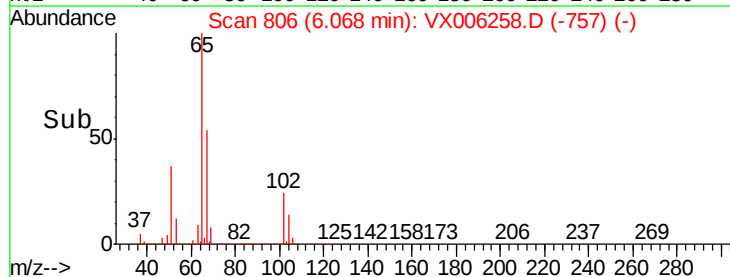
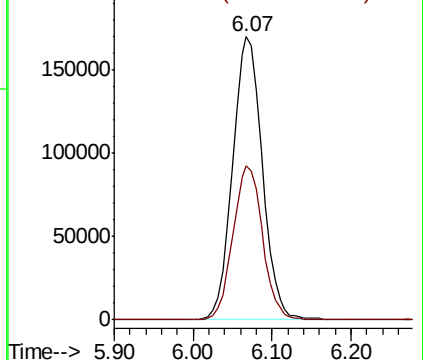
65 100

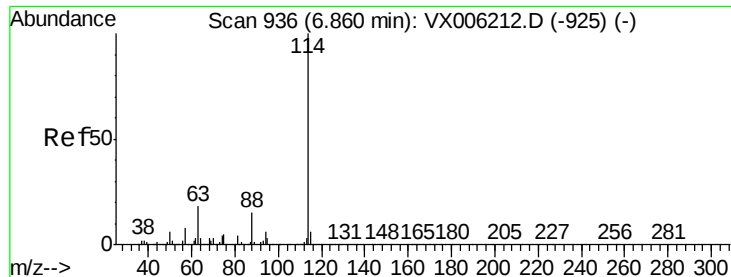
67 54.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006258.D

Acq: 03 Dec 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

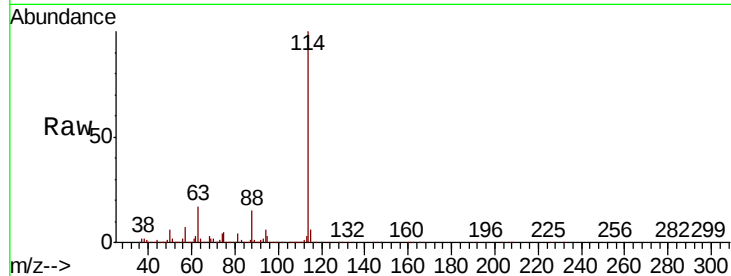
Tot Ion:114 Resp: 1362465

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

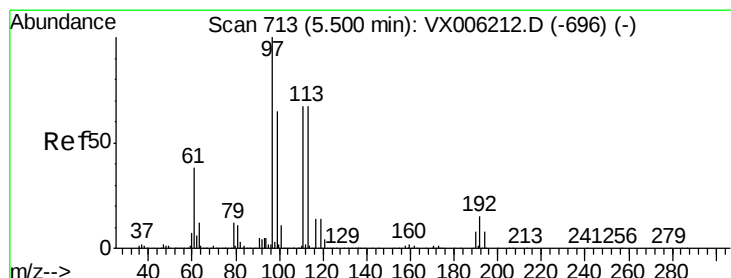
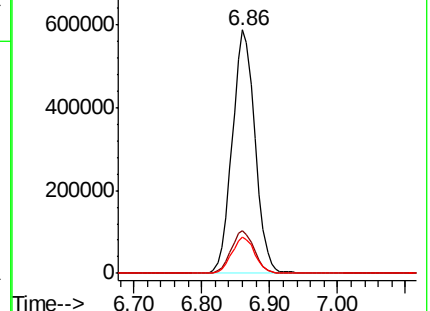
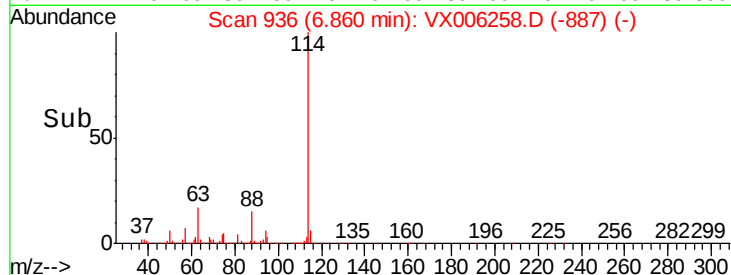
88 14.8 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.769 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006258.D

Acq: 03 Dec 2018 17:24

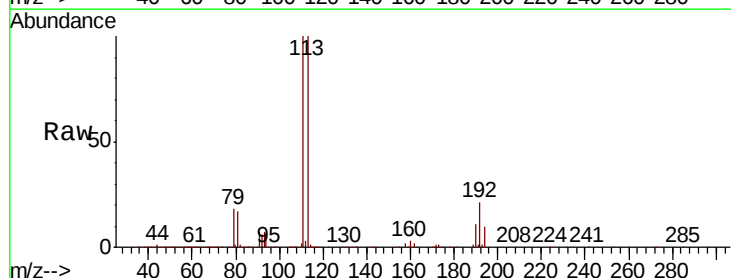
Tgt Ion:113 Resp: 430208

Ion Ratio Lower Upper

113 100

111 101.9 81.1 121.7

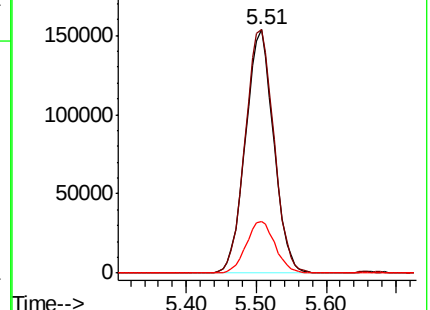
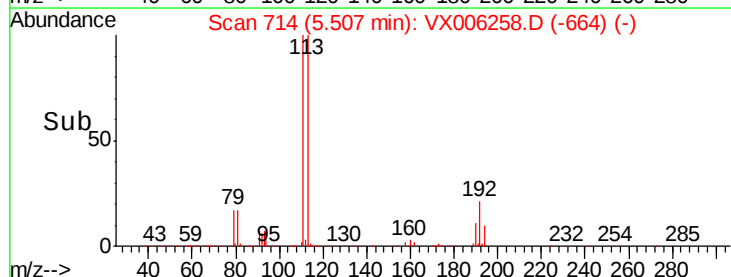
192 21.9 18.2 27.2

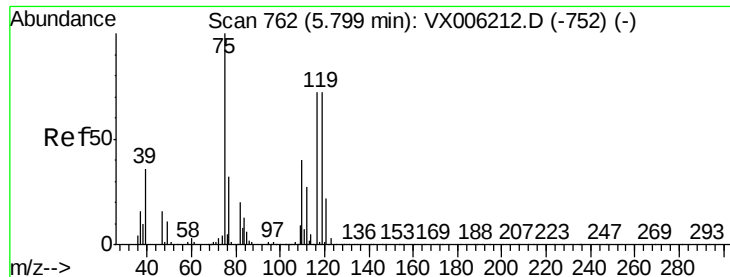


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

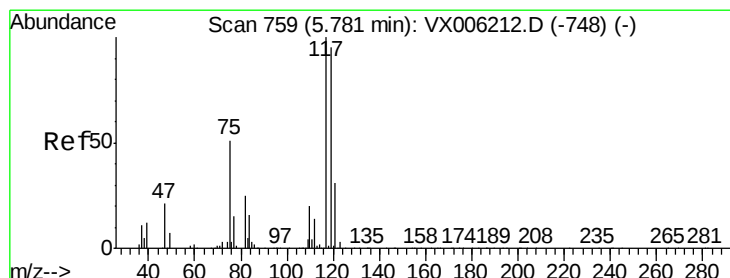
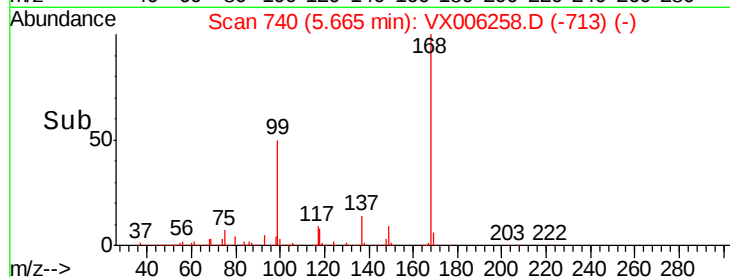
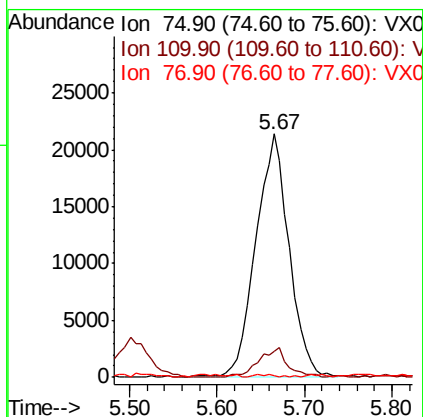
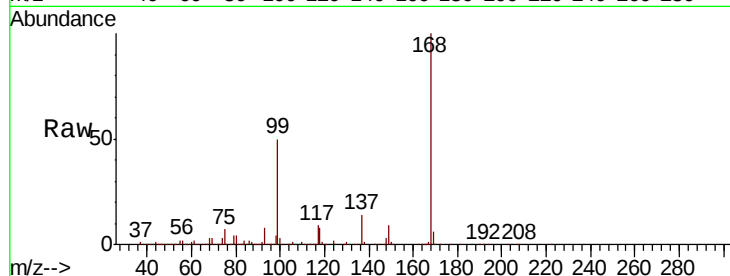




#36
 1,1-Dichloropropene
 Concen: 4.953 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006258.D
 Acq: 03 Dec 2018 17:24

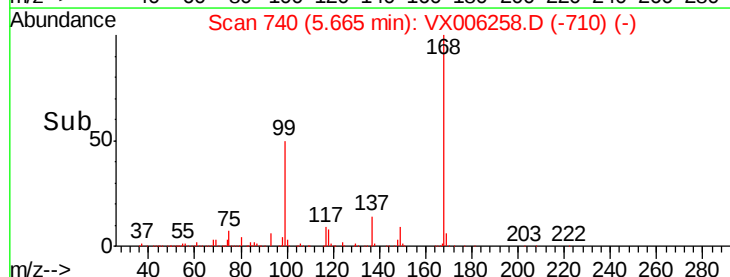
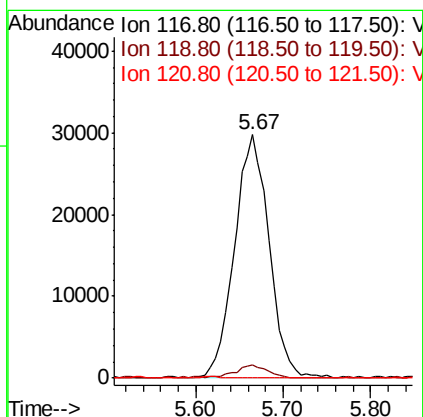
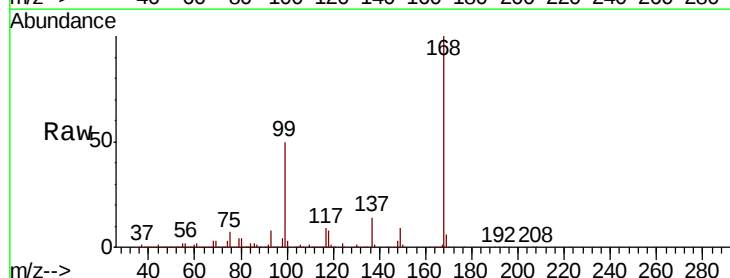
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

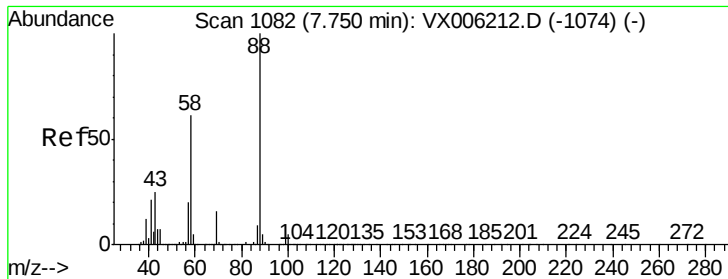
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.8	20.4	61.3#
77	0.7	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.042 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006258.D
 Acq: 03 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.8	113.8#
121	0.1	24.6	37.0#





#49

1,4-Dioxane

Concen: 0.218 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.02 min

Lab File: VX006258.D

Acq: 03 Dec 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

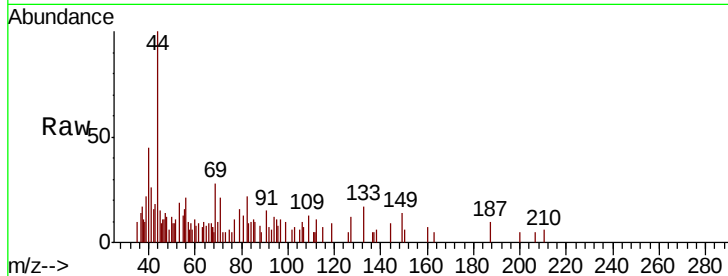
Tot Ion: 88 Resp: 56

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

58 0.0 51.4 77.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600

400

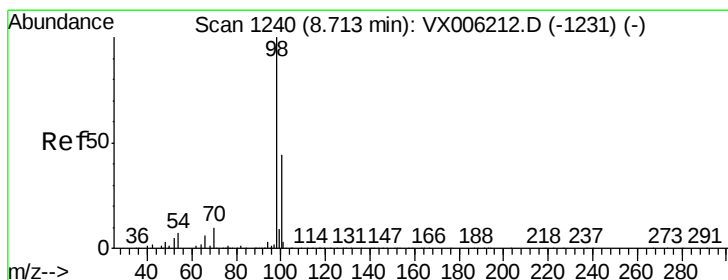
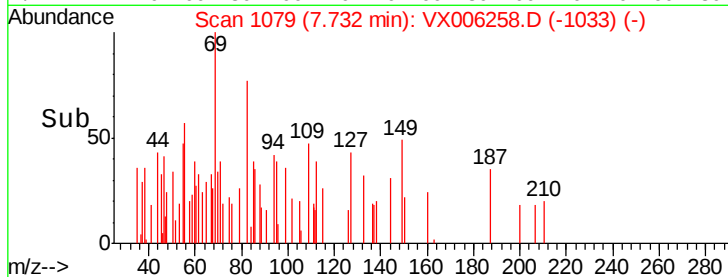
200

0

7.72 7.73 7.74 7.75

7.73

Time-->



#50

Toluene-d8

Concen: 49.238 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006258.D

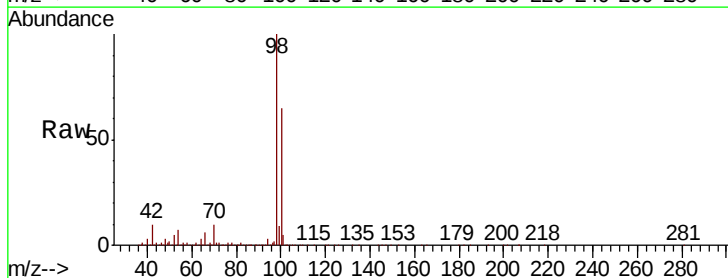
Acq: 03 Dec 2018 17:24

Tgt Ion: 98 Resp: 1579914

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

1200000

1000000

800000

600000

400000

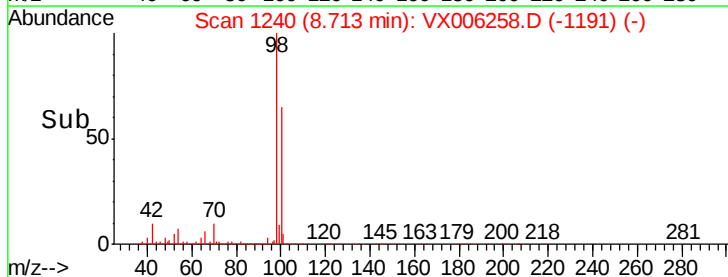
200000

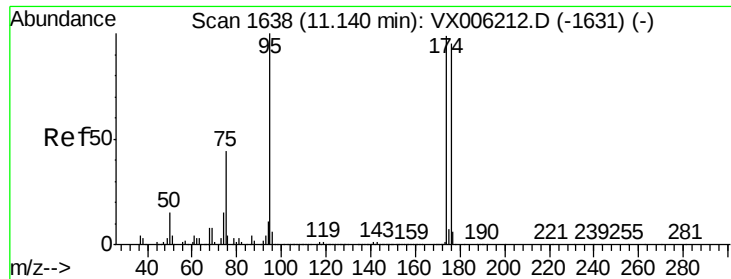
0

8.60 8.70 8.80

8.71

Time-->





#62

4-Bromofluorobenzene

Concen: 48.137 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006258.D

Acq: 03 Dec 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

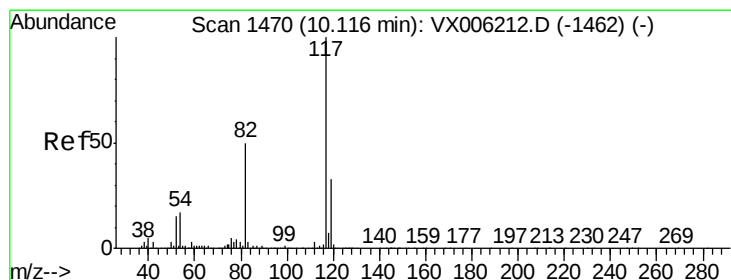
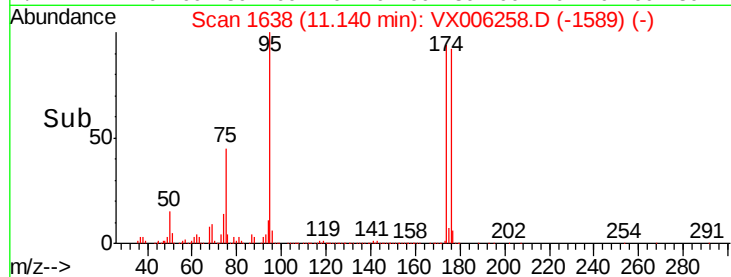
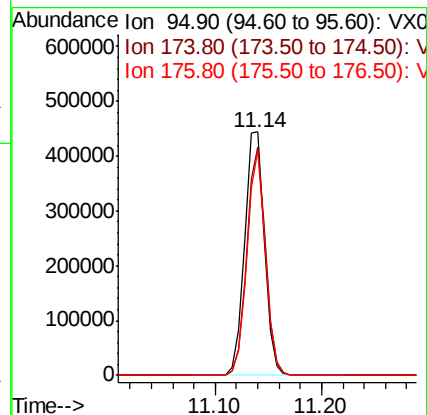
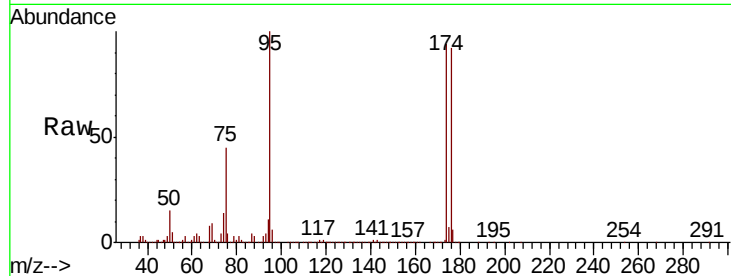
Tot Ion: 95 Resp: 582046

Ion Ratio Lower Upper

95 100

174 88.3 0.0 187.0

176 85.6 0.0 181.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006258.D

Acq: 03 Dec 2018 17:24

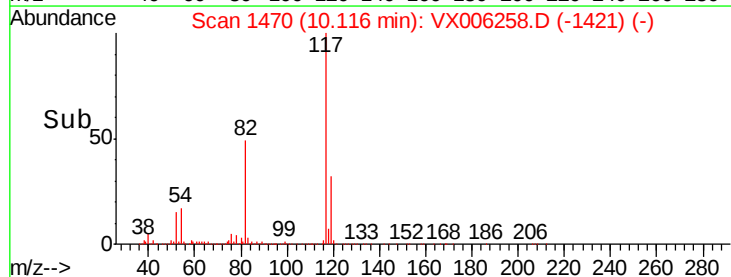
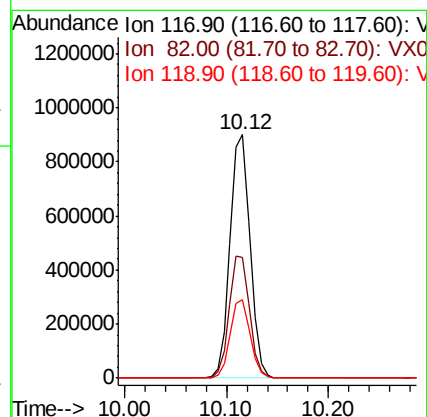
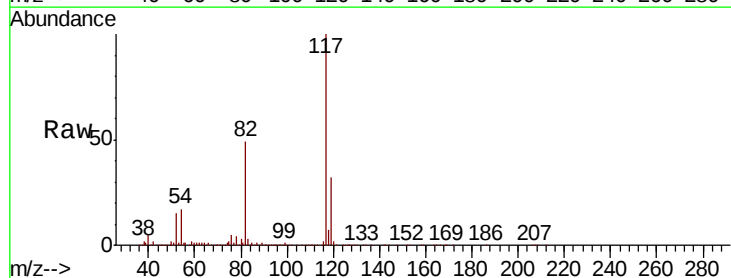
Tgt Ion: 117 Resp: 1222064

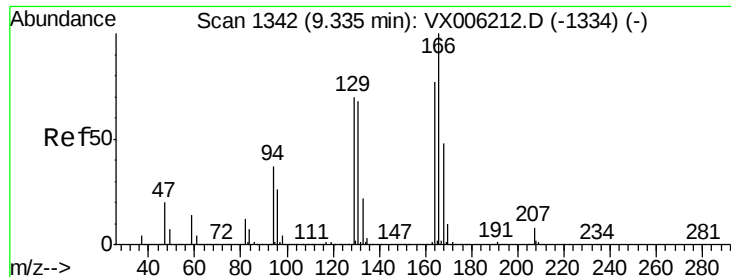
Ion Ratio Lower Upper

117 100

82 49.4 39.6 59.4

119 32.4 26.3 39.5

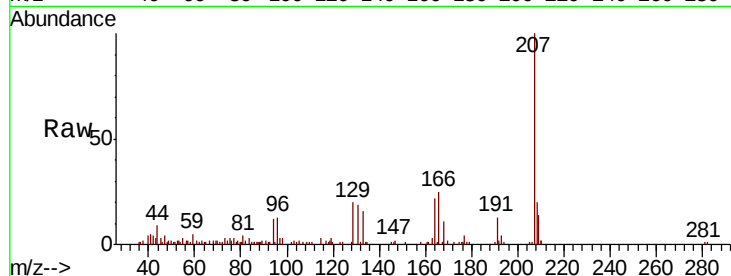




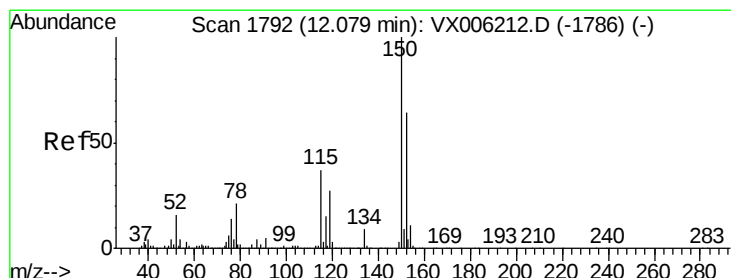
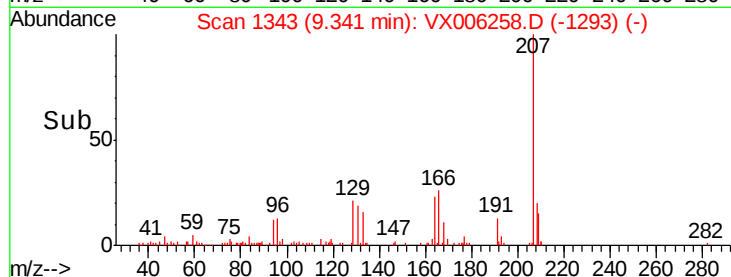
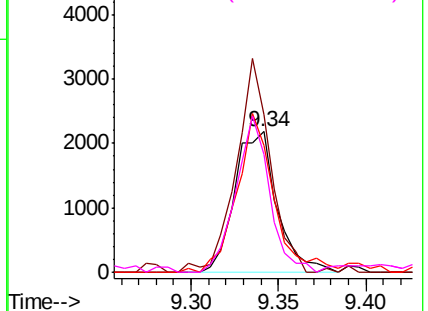
#64
Tetrachloroethene
Concen: 0.397 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX006258.D
Acq: 03 Dec 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion:164 Resp: 3658
Ion Ratio Lower Upper
164 100
166 112.0 104.2 156.2
129 87.9 72.6 108.8
131 84.1 70.3 105.5

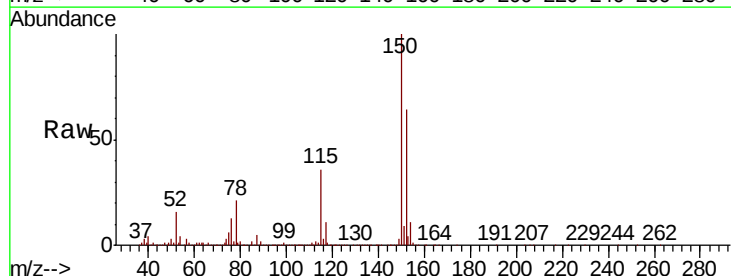


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

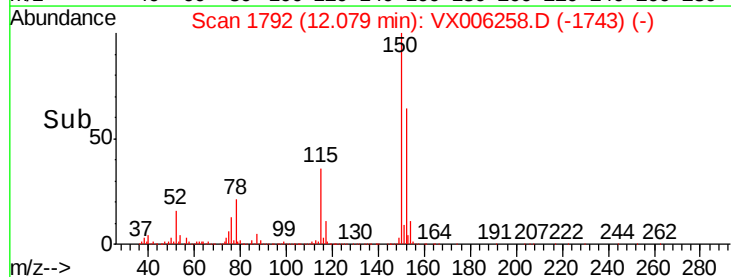
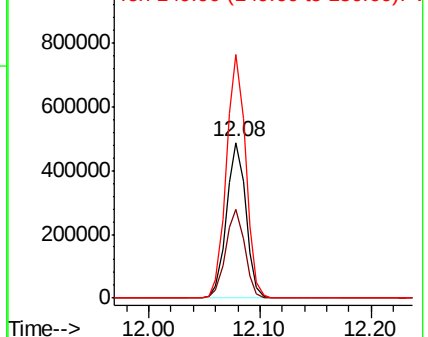


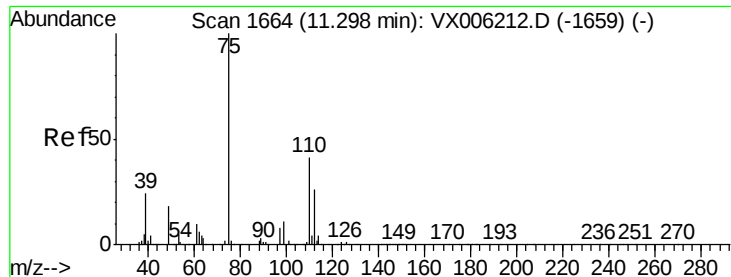
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006258.D
Acq: 03 Dec 2018 17:24

Tgt Ion:152 Resp: 587994
Ion Ratio Lower Upper
152 100
115 56.4 39.0 116.9
150 156.6 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.202 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006258.D

Acq: 03 Dec 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

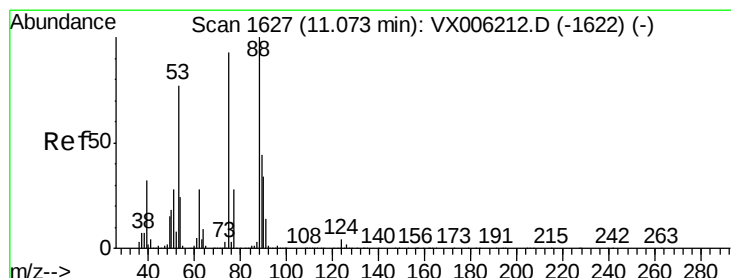
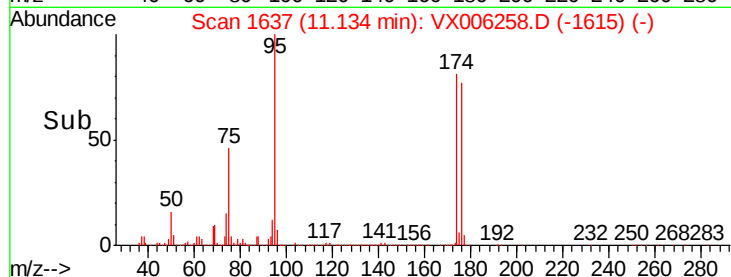
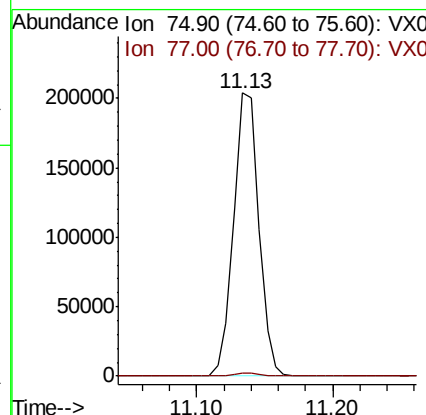
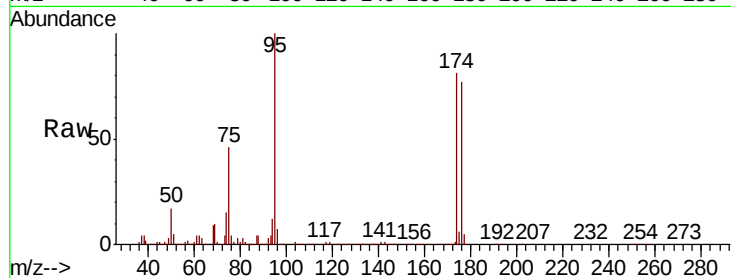
STORAGE-BLANK-WATER-REF-4

Tot Ion: 75 Resp: 263323

Ion Ratio Lower Upper

75 100

77 1.2 19.9 59.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.448 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006258.D

Acq: 03 Dec 2018 17:24

Tgt Ion: 75 Resp: 263323

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.0 44.2 66.4#

