

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120318\
 Data File : VX006257.D
 Acq On : 03 Dec 2018 16:57
 Operator : JC/MD
 Sample : J6203-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Dec 04 04:57:54 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	874362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1306756	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1178518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	572797	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	431036	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	
35) Dibromofluoromethane	5.51	113	414232	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
50) Toluene-d8	8.71	98	1523005	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.13	95	558002	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	

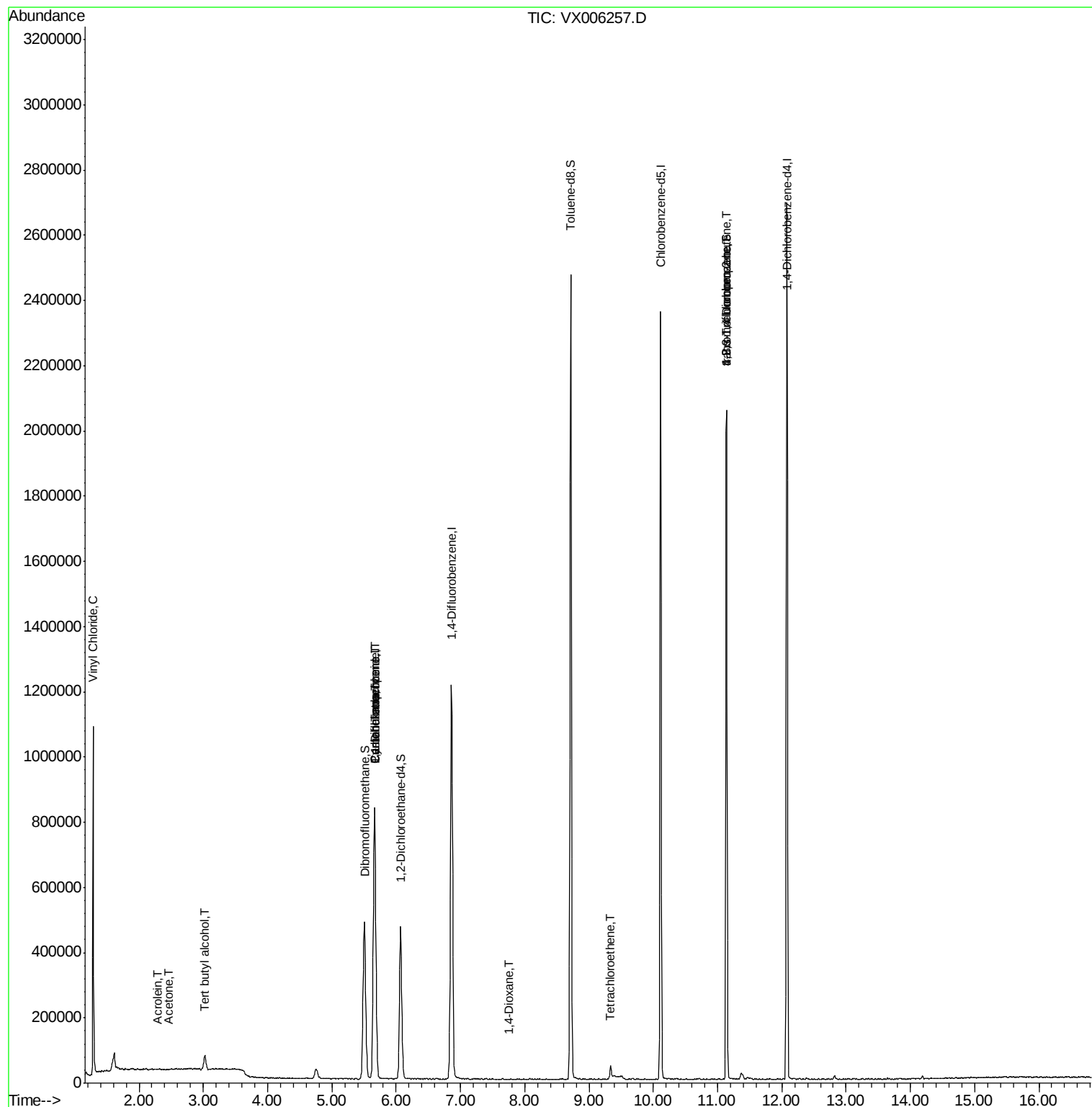
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.28	62	9529	1.006	ug/l #	34
11) Tert butyl alcohol	3.02	59	26967	11.047	ug/l #	74
13) Acrolein	2.28	56	587	0.440	ug/l	92
16) Acetone	2.45	43	2057	0.491	ug/l #	62
31) Cyclohexane	5.66	56	14113	1.094	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	54286	4.933	ug/l #	49
38) Carbon Tetrachloride	5.67	117	78555	6.068	ug/l #	16
49) 1,4-Dioxane	7.74	88	110	0.447	ug/l #	1
64) Tetrachloroethene	9.34	164	3542	0.399	ug/l	89
76) 1,2,3-Trichloropropane	11.13	75	257207	23.264	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	257207	54.595	ug/l #	15

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

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STORAGE-BLANK-WATER-REF-5

Quant Time: Dec 04 04:57:54 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: VX006257.D

Acq: 03 Dec 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

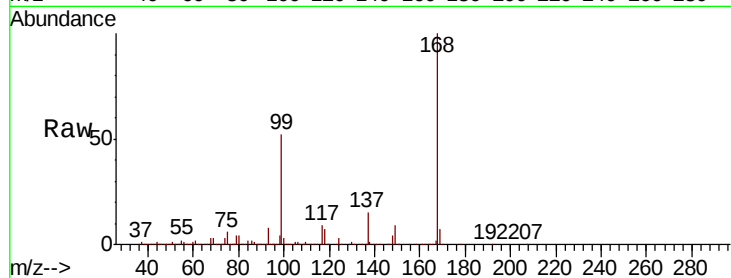
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 874362

Ion Ratio Lower Upper

168 100

99 51.6 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

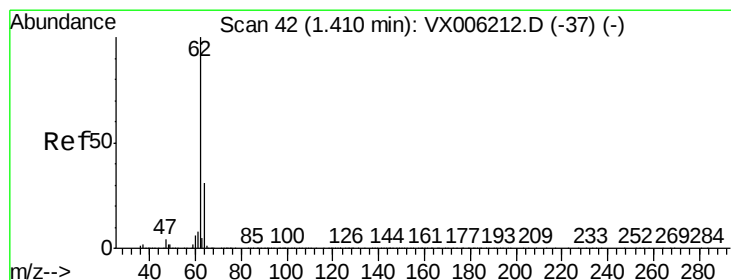
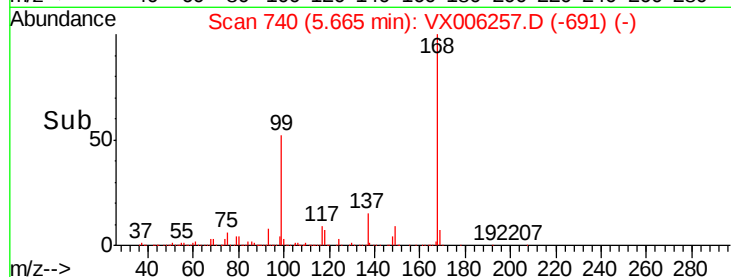
300000

200000

100000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.006 ug/l

RT: 1.28 min Scan# 21

Delta R.T. -0.13 min

Lab File: VX006257.D

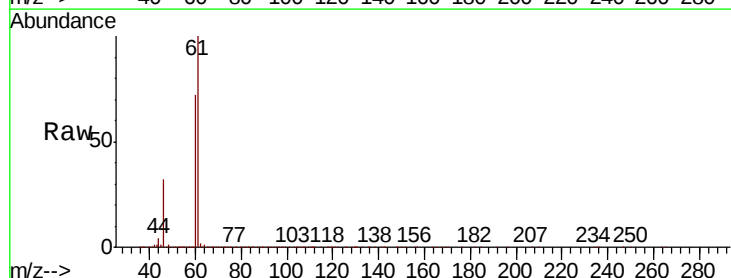
Acq: 03 Dec 2018 16:57

Tgt Ion: 62 Resp: 9529

Ion Ratio Lower Upper

62 100

64 67.2 24.9 37.3#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

12000

10000

8000

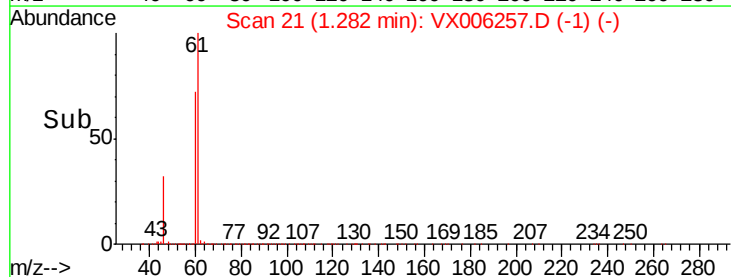
6000

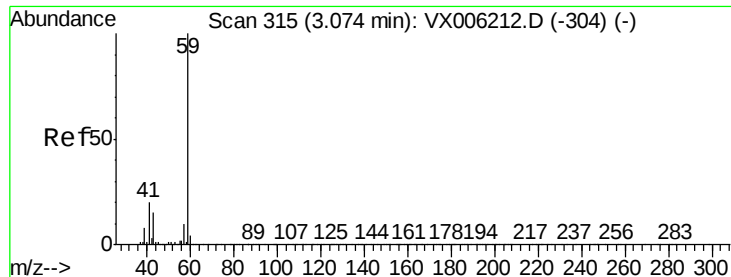
4000

2000

0

Time--> 1.20 1.25 1.30 1.35



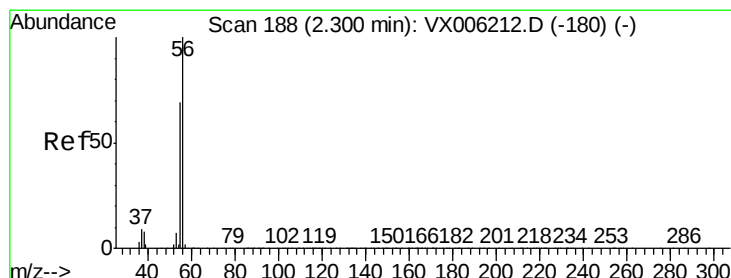
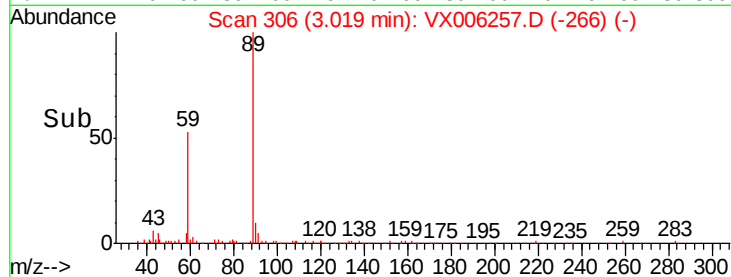
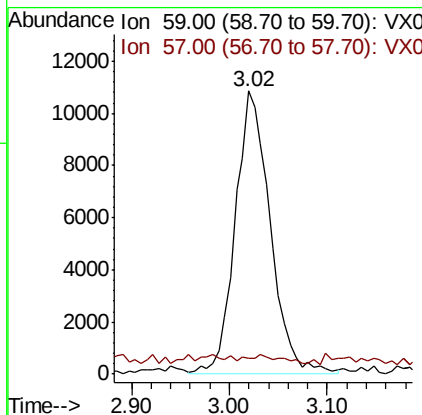
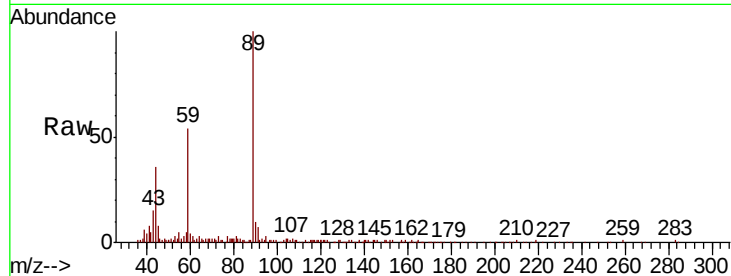


#11

Tert butyl alcohol
 Concen: 11.047 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.05 min
 Lab File: VX006257.D
 Acq: 03 Dec 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

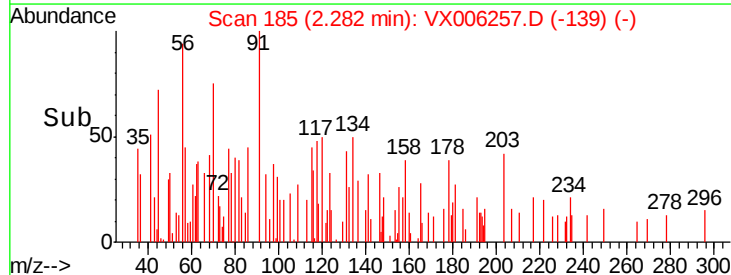
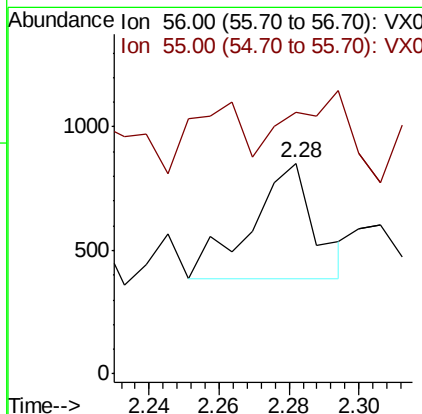
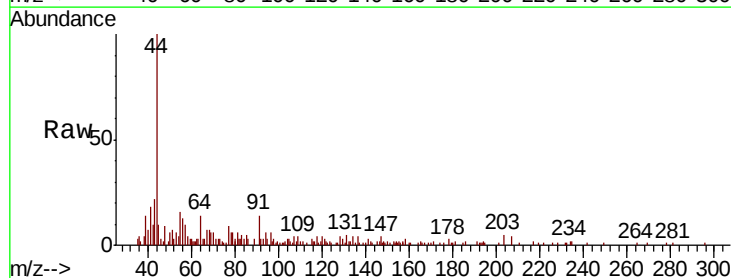
Tot Ion: 59 Resp: 26967
 Ion Ratio Lower Upper
 59 100
 57 0.5 8.2 12.2#

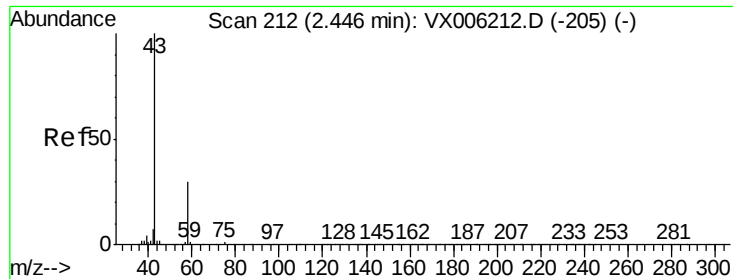


#13

Acrolein
 Concen: 0.440 ug/l
 RT: 2.28 min Scan# 185
 Delta R.T. -0.02 min
 Lab File: VX006257.D
 Acq: 03 Dec 2018 16:57

Tgt Ion: 56 Resp: 587
 Ion Ratio Lower Upper
 56 100
 55 65.6 57.8 86.6

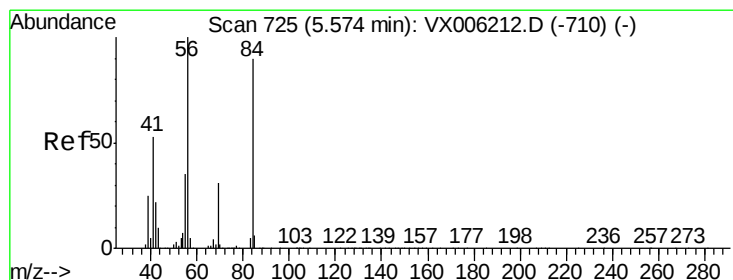
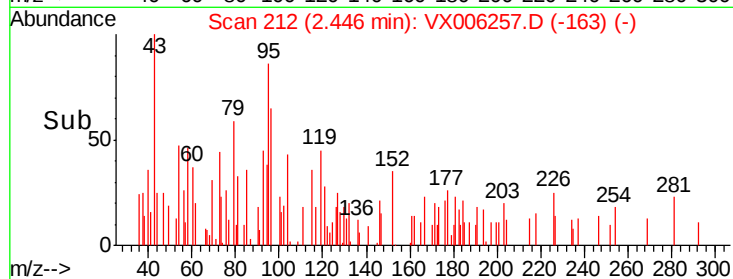
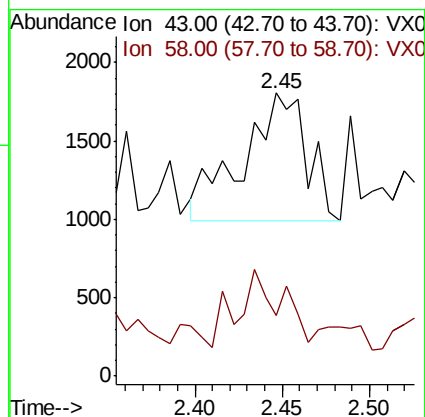
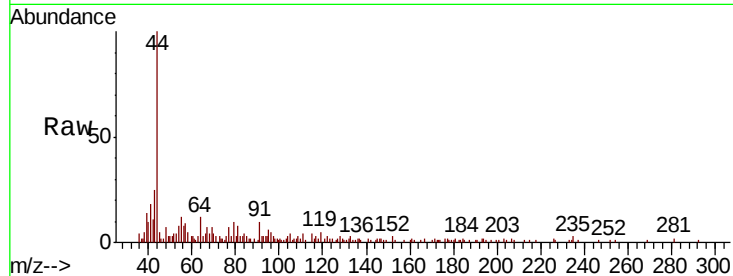




#16
Acetone
Concen: 0.491 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006257.D
Acq: 03 Dec 2018 16:57

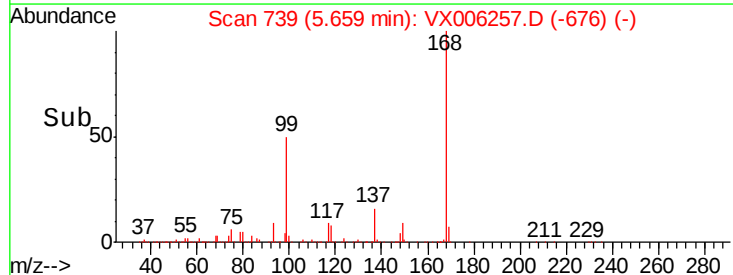
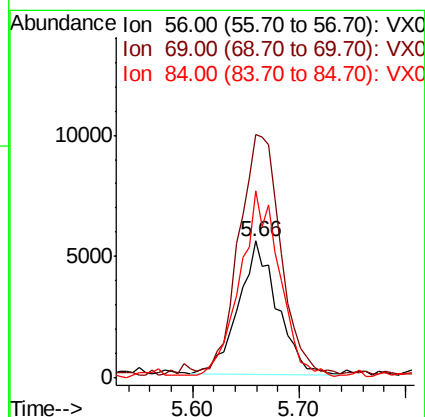
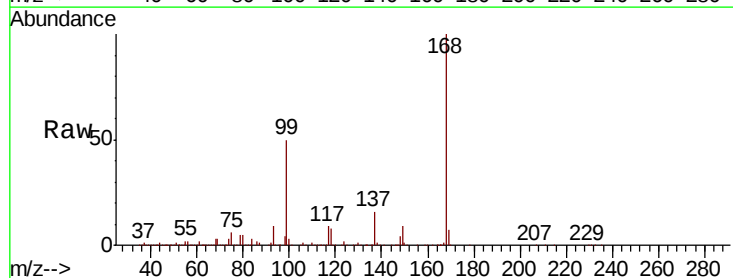
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

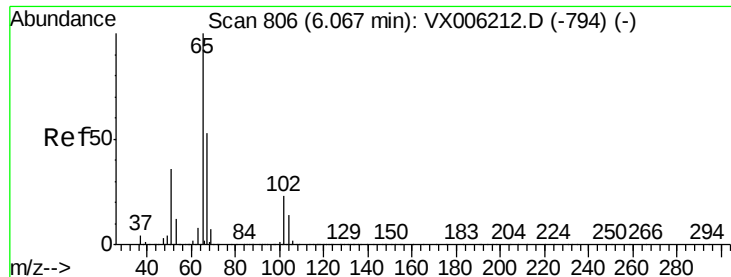
Tot Ion: 43 Resp: 2057
Ion Ratio Lower Upper
43 100
58 9.5 24.0 36.0#



#31
Cyclohexane
Concen: 1.094 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX006257.D
Acq: 03 Dec 2018 16:57

Tgt Ion: 56 Resp: 14113
Ion Ratio Lower Upper
56 100
69 179.4 24.5 36.7#
84 138.4 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 48.291 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006257.D

Acq: 03 Dec 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

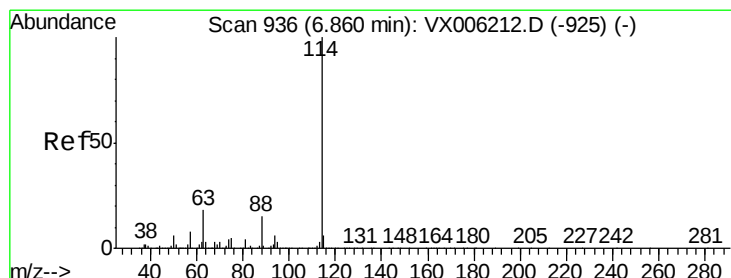
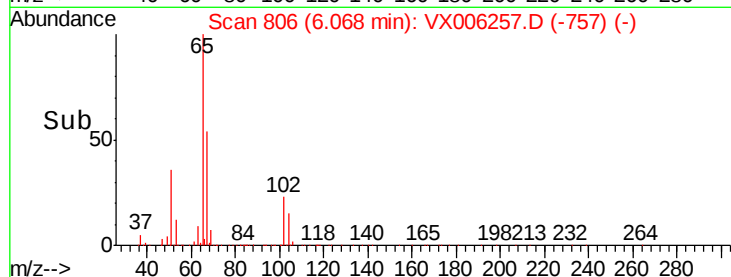
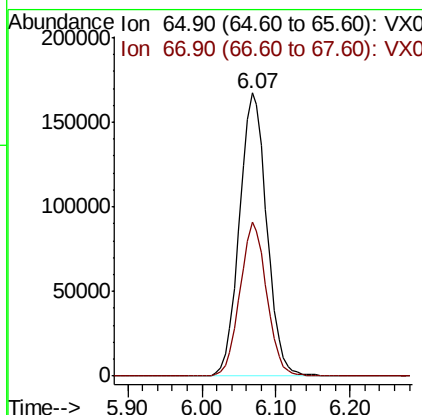
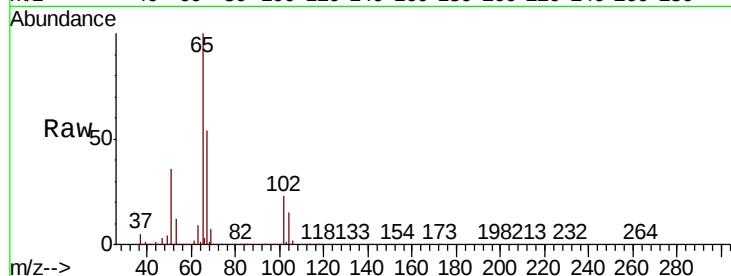
STORAGE-BLANK-WATER-REF-5

Tot Ion: 65 Resp: 431036

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006257.D

Acq: 03 Dec 2018 16:57

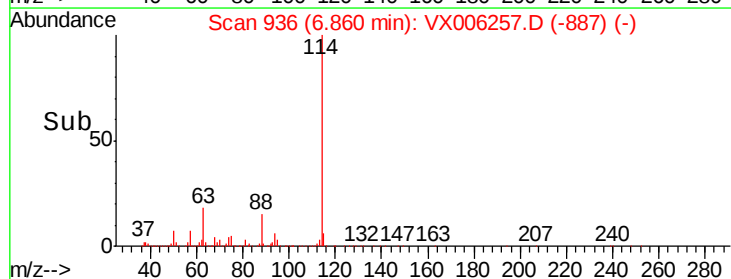
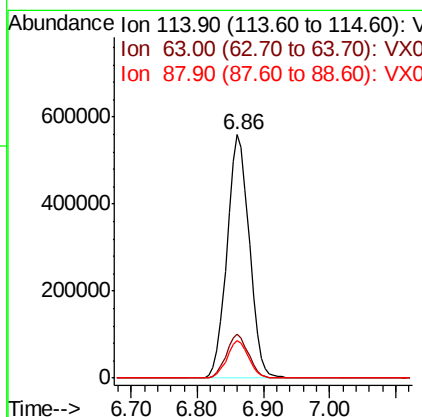
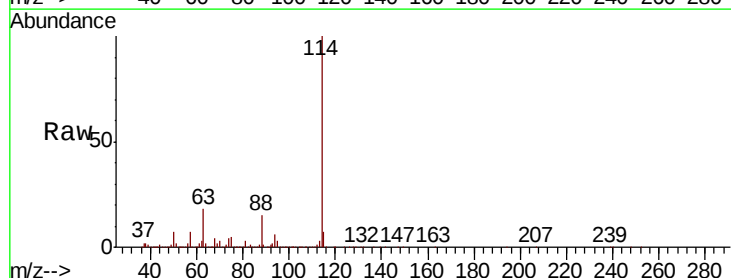
Tgt Ion: 114 Resp: 1306756

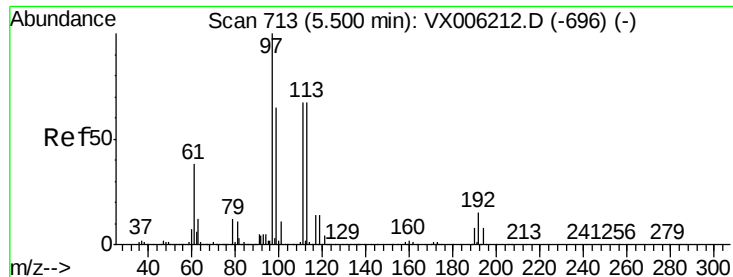
Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.6

88 15.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.959 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006257.D

Acq: 03 Dec 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

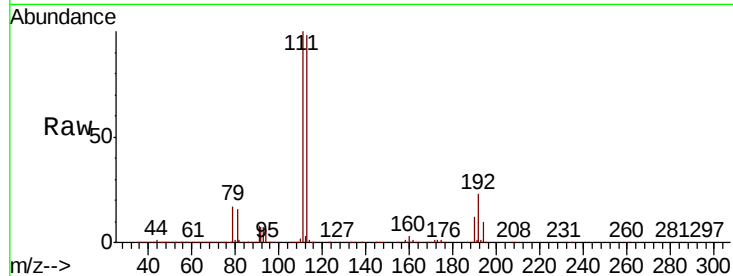
Tot Ion:113 Resp: 414232

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

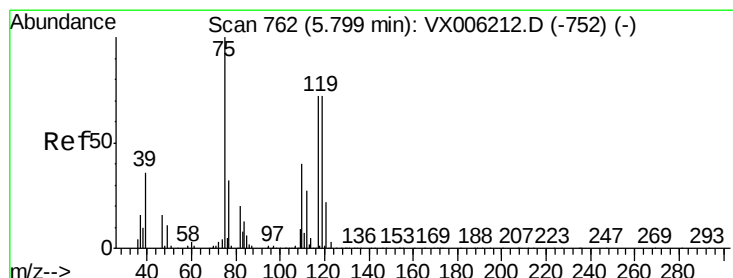
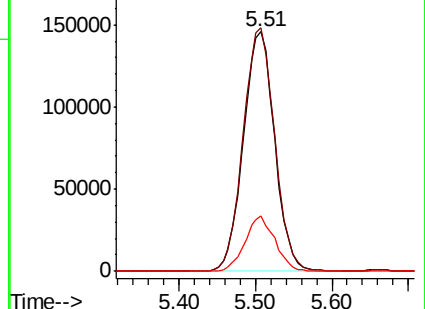
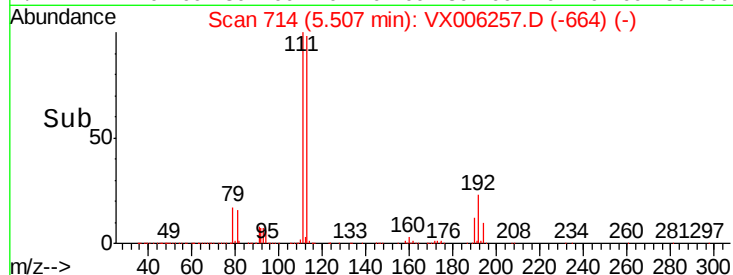
192 22.0 18.2 27.2



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: 4.933 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006257.D

Acq: 03 Dec 2018 16:57

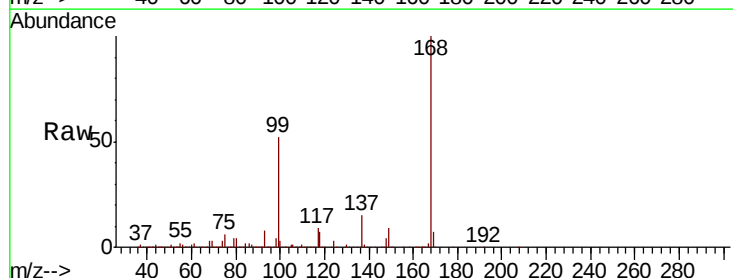
Tgt Ion: 75 Resp: 54286

Ion Ratio Lower Upper

75 100

110 11.1 20.4 61.3#

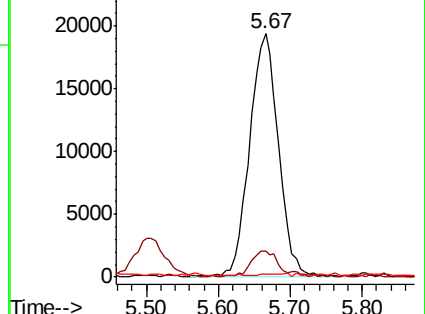
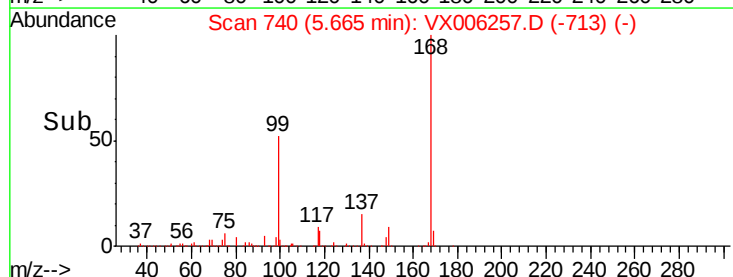
77 0.0 24.9 37.3#

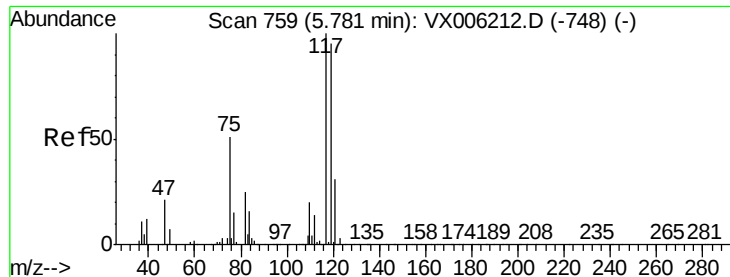


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.068 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006257.D

Acq: 03 Dec 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

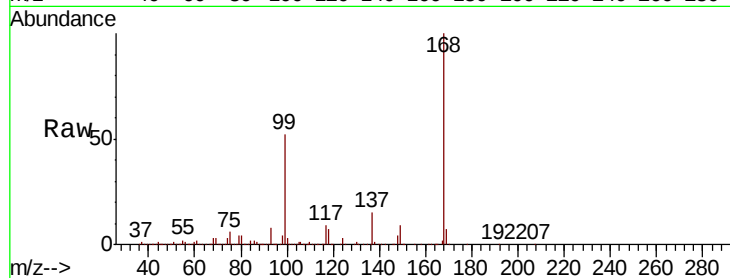
Tot Ion: 117 Resp: 78555

Ion Ratio Lower Upper

117 100

119 4.1 75.8 113.8#

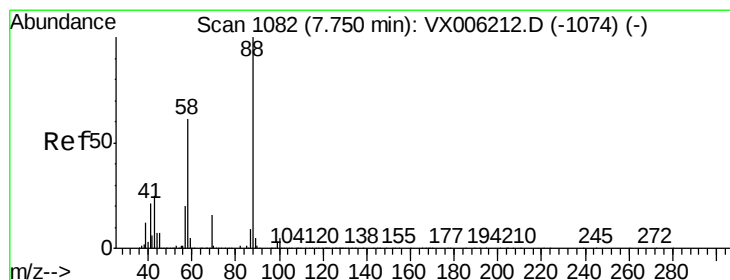
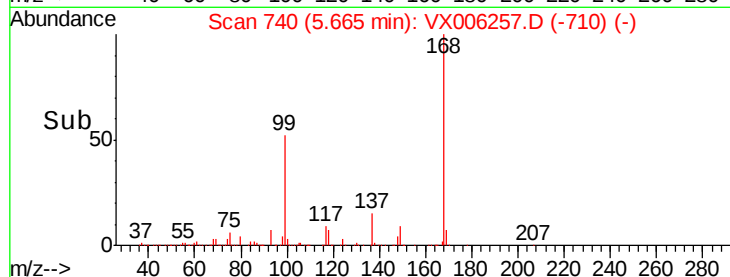
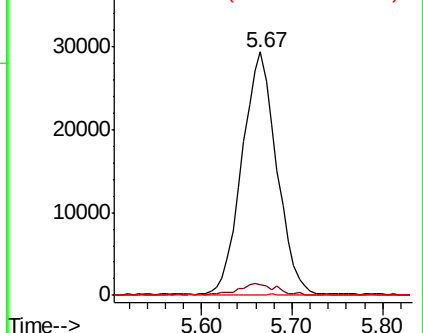
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 0.447 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX006257.D

Acq: 03 Dec 2018 16:57

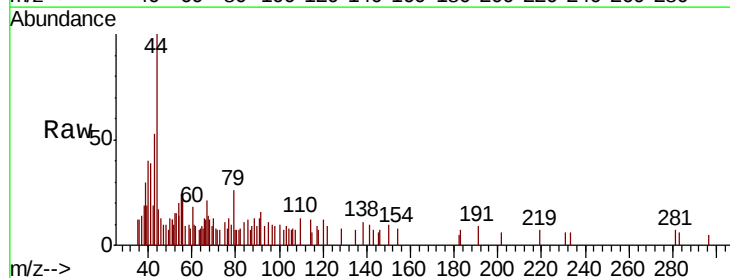
Tgt Ion: 88 Resp: 110

Ion Ratio Lower Upper

88 100

43 254.5 23.2 34.8#

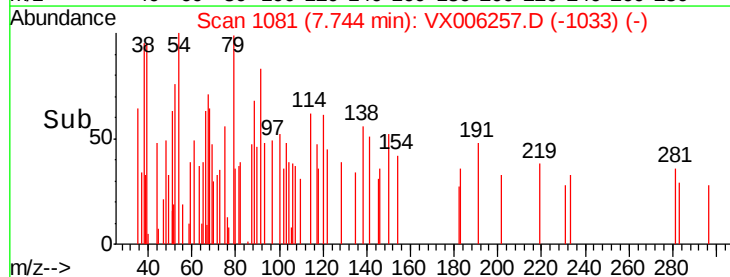
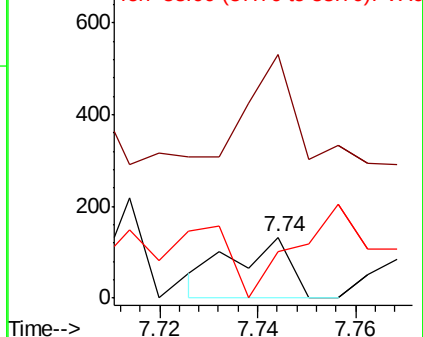
58 270.0 51.4 77.0#



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





#50

Toluene-d8

Concen: 49.488 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006257.D

Acq: 03 Dec 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

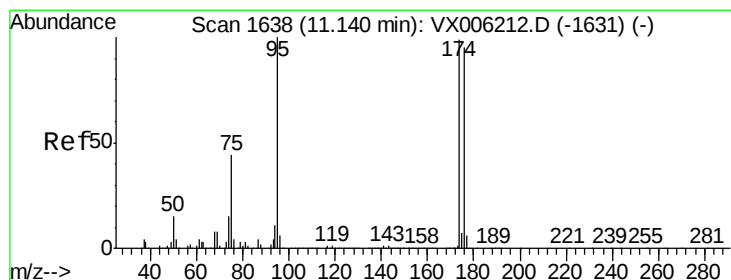
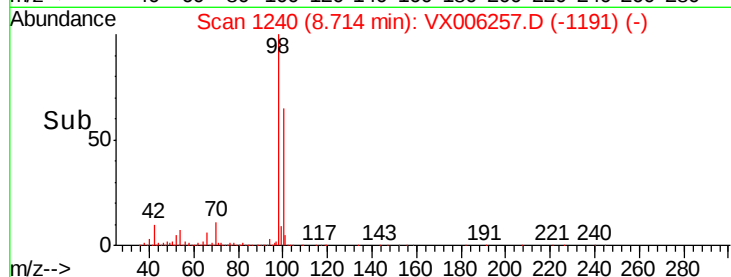
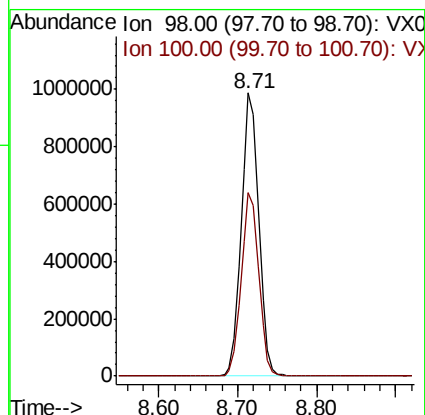
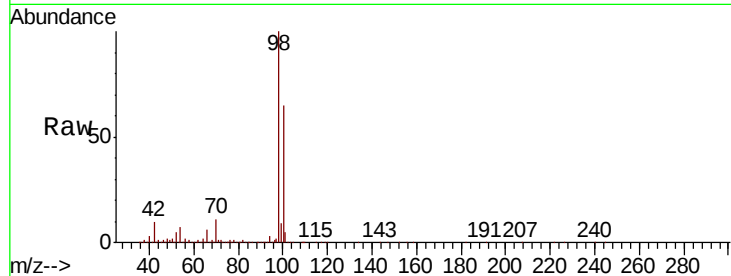
STORAGE-BLANK-WATER-REF-5

Tot Ion: 98 Resp: 1523005

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.116 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006257.D

Acq: 03 Dec 2018 16:57

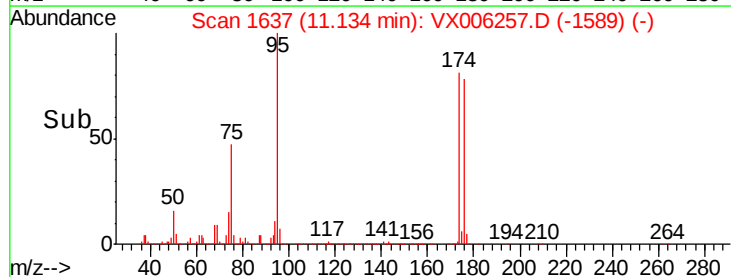
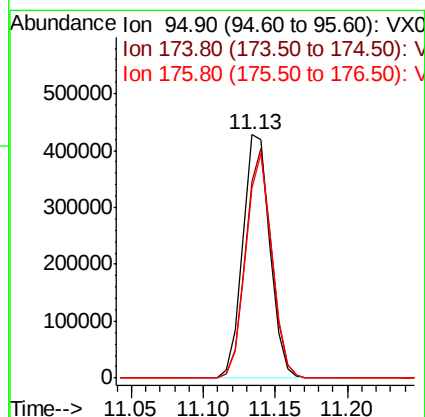
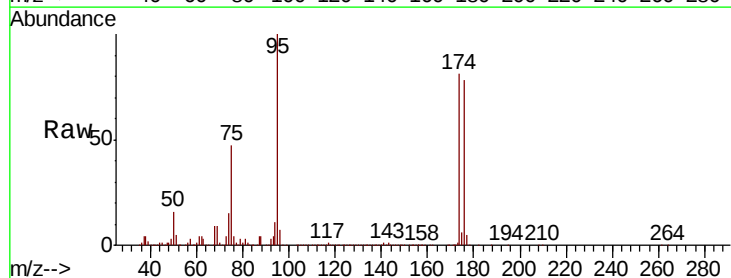
Tgt Ion: 95 Resp: 558002

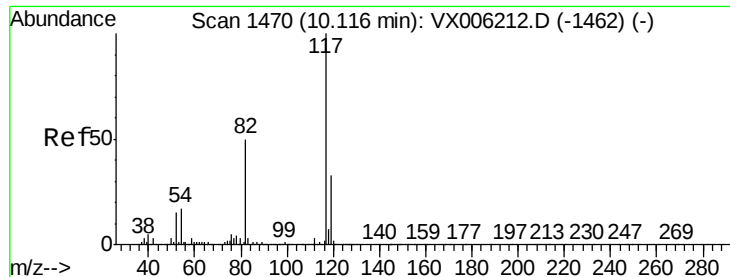
Ion Ratio Lower Upper

95 100

174 90.0 0.0 187.0

176 88.1 0.0 181.8

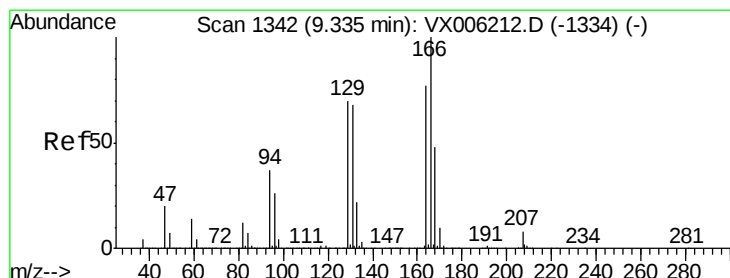
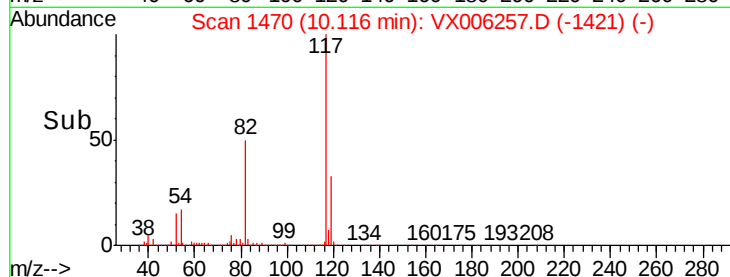
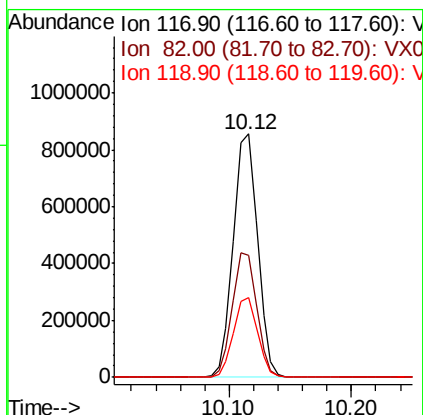
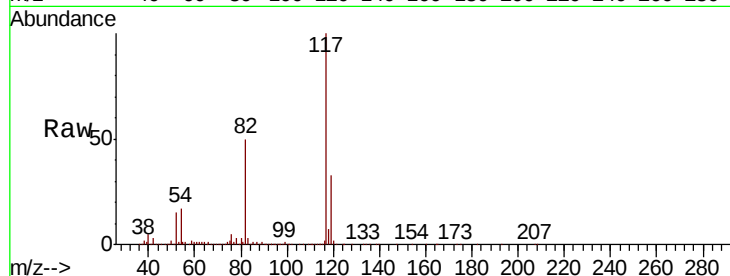




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006257.D
Acq: 03 Dec 2018 16:57

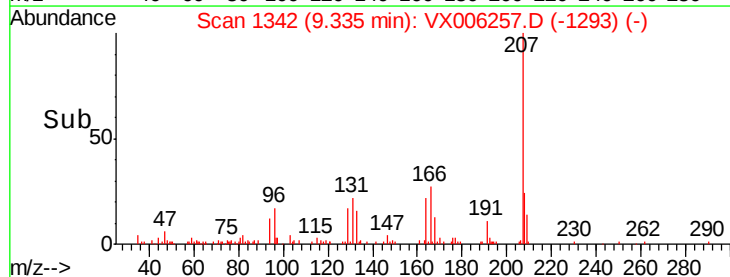
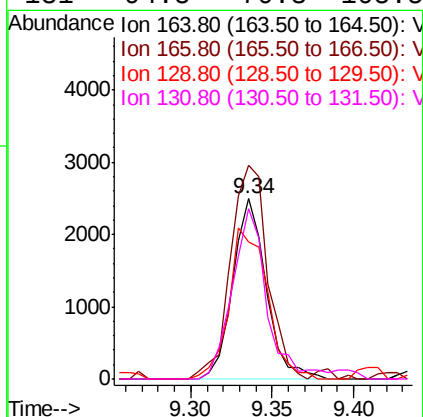
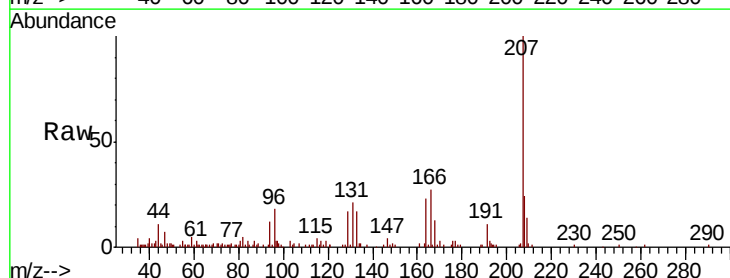
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

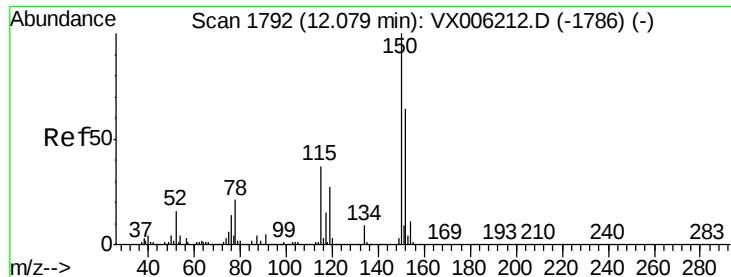
Tot Ion:117 Resp: 1178518
Ion Ratio Lower Upper
117 100
82 50.2 39.6 59.4
119 32.8 26.3 39.5



#64
Tetrachloroethene
Concen: 0.399 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006257.D
Acq: 03 Dec 2018 16:57

Tgt Ion:164 Resp: 3542
Ion Ratio Lower Upper
164 100
166 118.5 104.2 156.2
129 76.2 72.6 108.8
131 94.5 70.3 105.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006257.D

Acq: 03 Dec 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

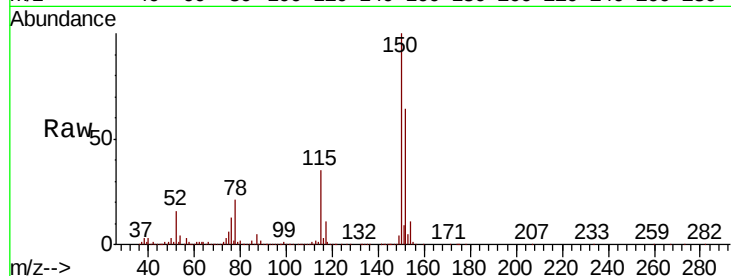
Tot Ion:152 Resp: 572797

Ion Ratio Lower Upper

152 100

115 55.9 39.0 116.9

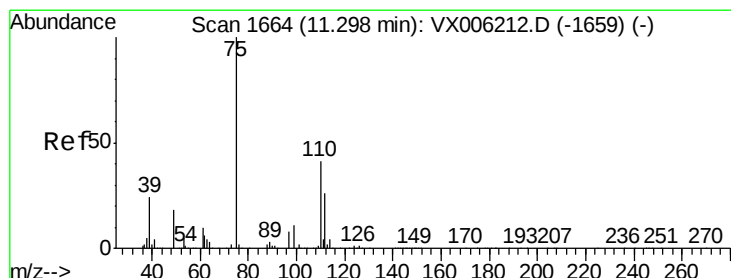
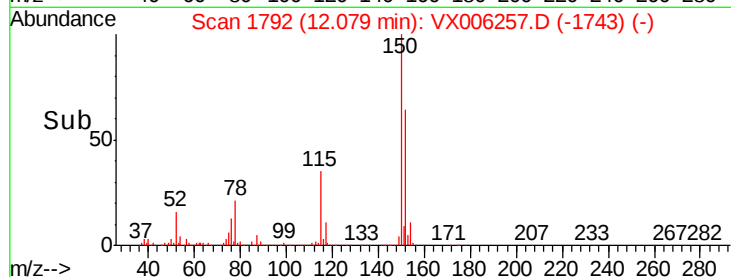
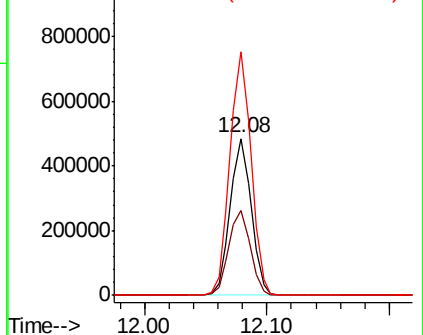
150 156.7 0.0 345.8



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: 23.264 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006257.D

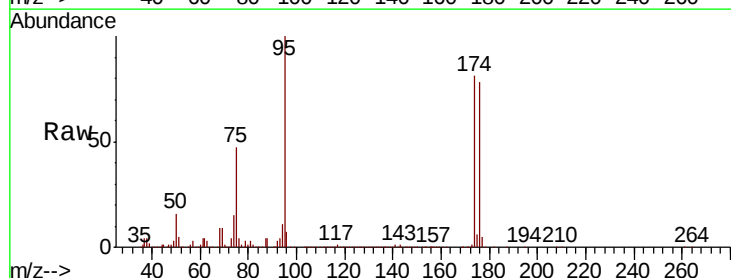
Acq: 03 Dec 2018 16:57

Tgt Ion: 75 Resp: 257207

Ion Ratio Lower Upper

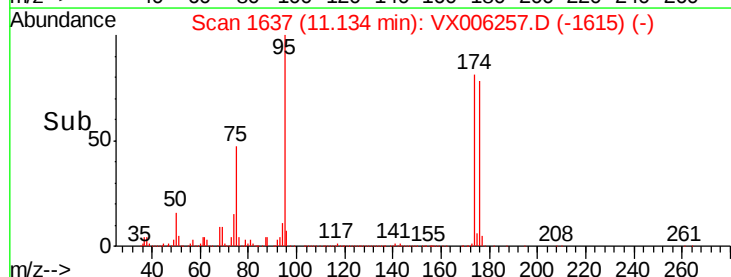
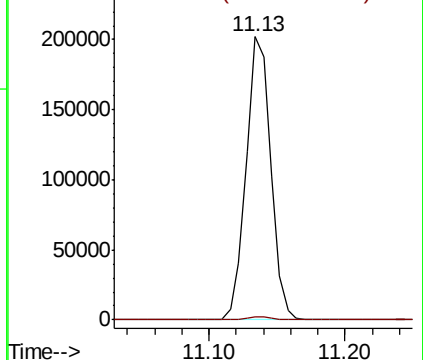
75 100

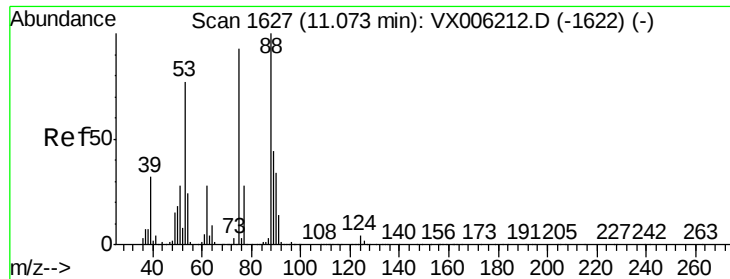
77 1.1 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 54.595 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006257.D

Acq: 03 Dec 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

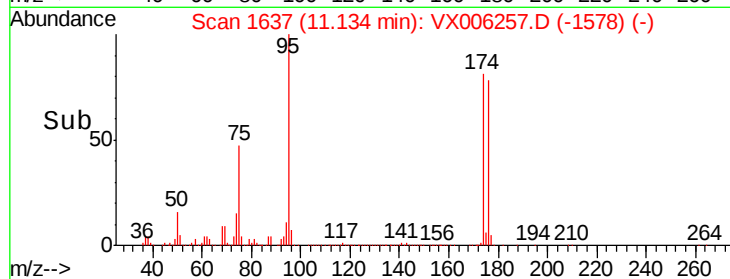
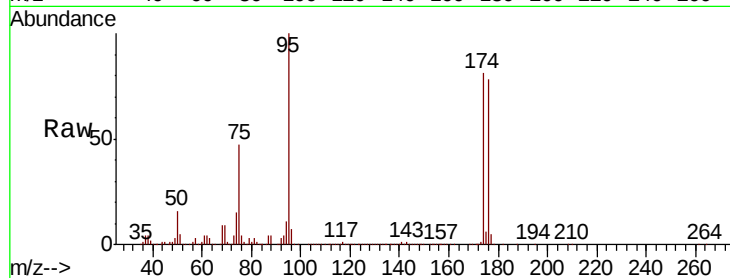
Tot Ion: 75 Resp: 257207

Ion Ratio Lower Upper

75 100

53 0.2 64.4 96.6#

89 0.0 44.2 66.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

