

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006222.D
 Acq On : 30 Nov 2018 11:26
 Operator : JC/MD
 Sample : J6134-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-1

Quant Time: Nov 30 22:16:24 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

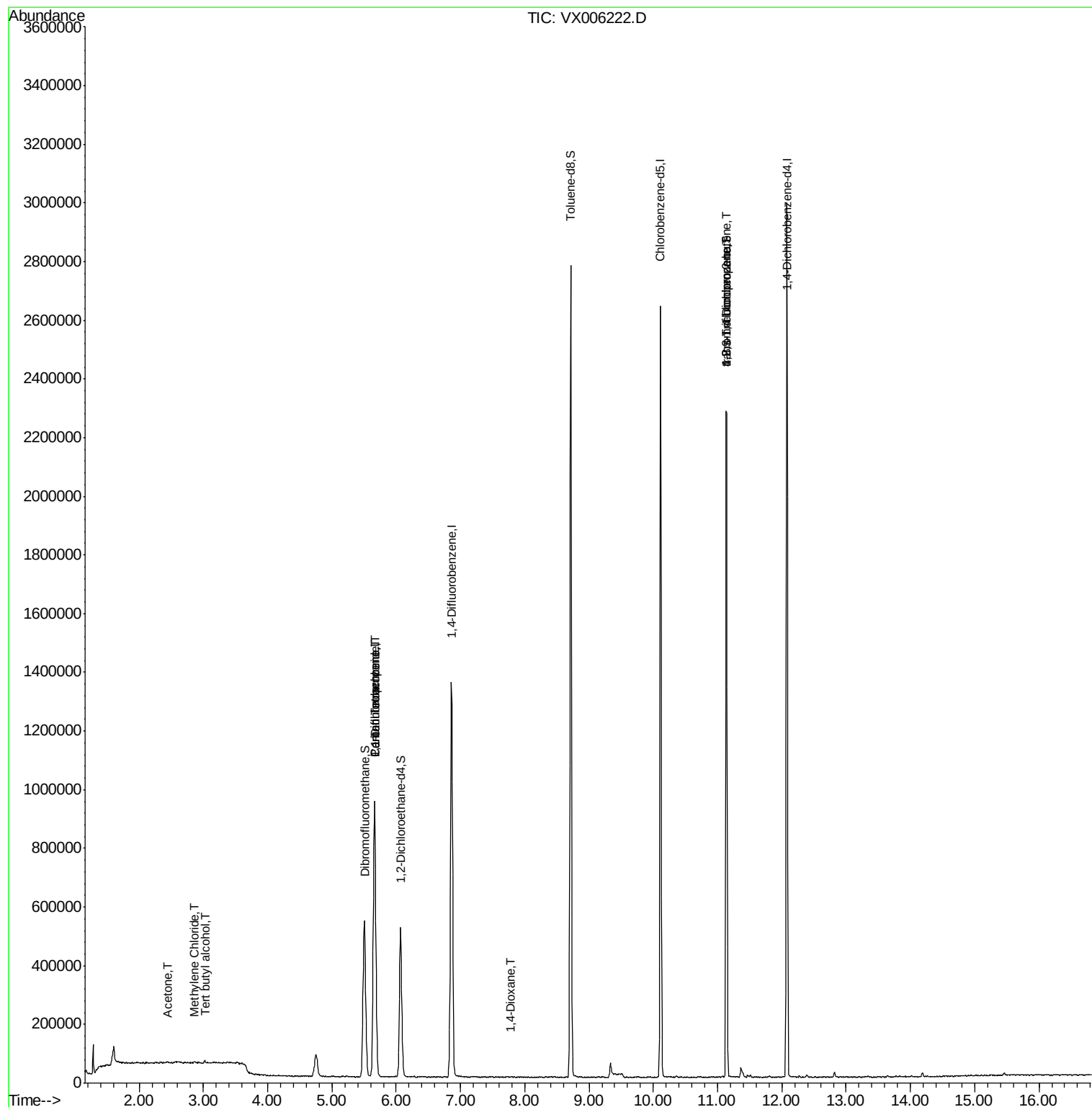
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	990371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1450109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1306817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	639892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	470906	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
35) Dibromofluoromethane	5.51	113	460725	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
50) Toluene-d8	8.71	98	1683374	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.13	95	626223	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.03	59	5385	1.948	ug/l	99
16) Acetone	2.45	43	4515	0.952	ug/l #	70
20) Methylene Chloride	2.85	84	2260	0.224	ug/l #	83
36) 1,1-Dichloropropene	5.67	75	60103	4.922	ug/l #	48
38) Carbon Tetrachloride	5.66	117	85128	5.926	ug/l #	16
49) 1,4-Dioxane	7.77	88	182	0.666	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	282502	22.873	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	282502	53.676	ug/l #	15

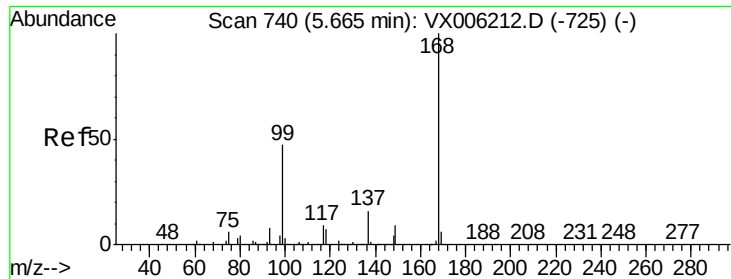
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 30 22:16:24 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: VX006222.D

Acq: 30 Nov 2018 11:26

Instrument :

MSVOA_X

ClientSampleId :

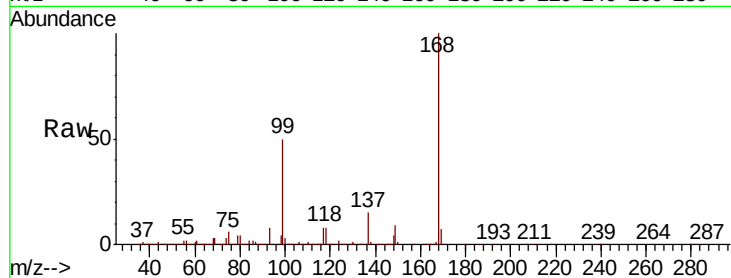
FB-1

Tot Ion:168 Resp: 990371

Ion Ratio Lower Upper

168 100

99 49.9 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

400000

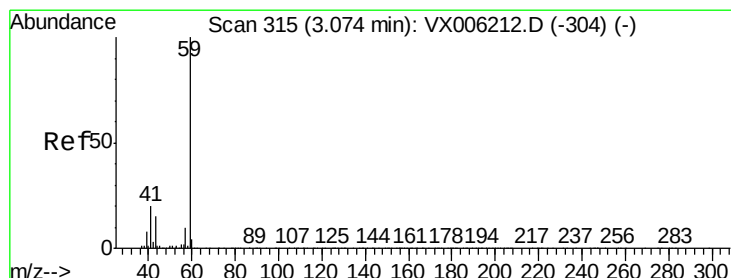
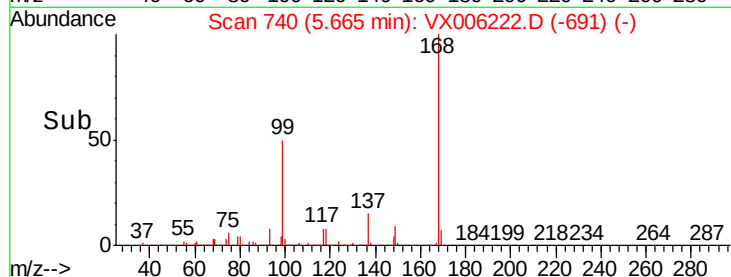
300000

200000

100000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 1.948 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX006222.D

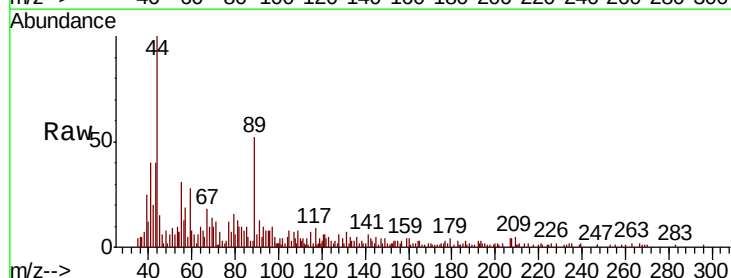
Acq: 30 Nov 2018 11:26

Tgt Ion: 59 Resp: 5385

Ion Ratio Lower Upper

59 100

57 9.8 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

2000

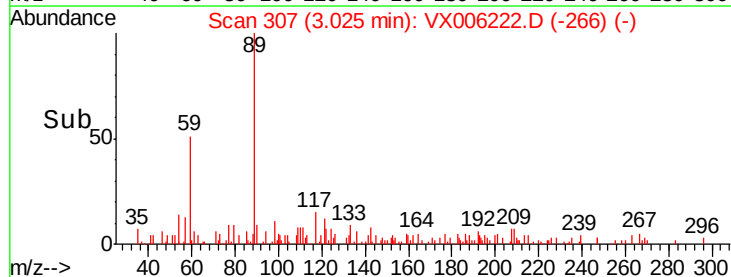
1500

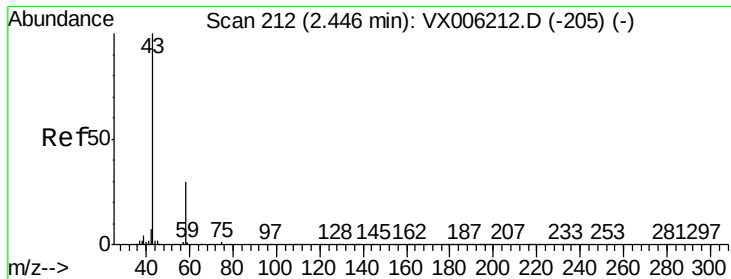
1000

500

0

Time--> 2.95 3.00 3.05 3.10





#16

Acetone

Concen: 0.952 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006222.D

Acq: 30 Nov 2018 11:26

Instrument :

MSVOA_X

ClientSampled :

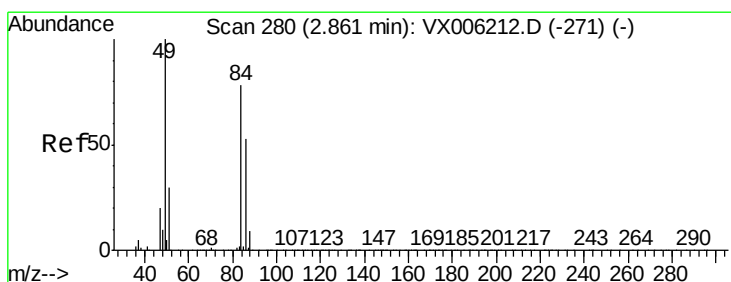
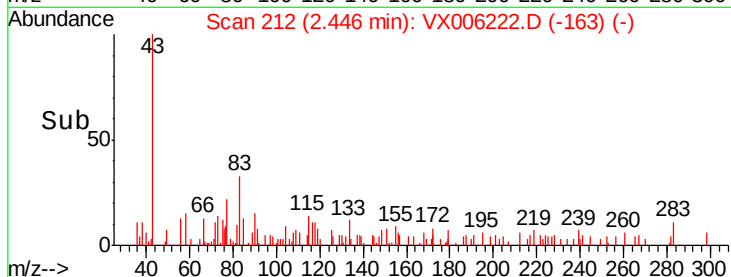
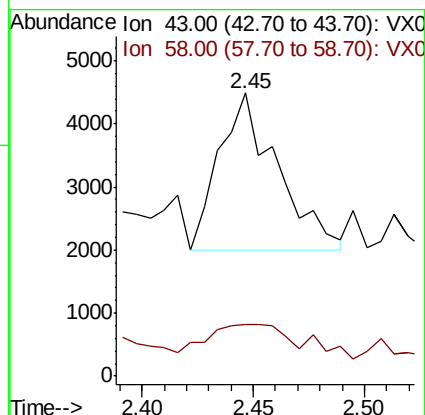
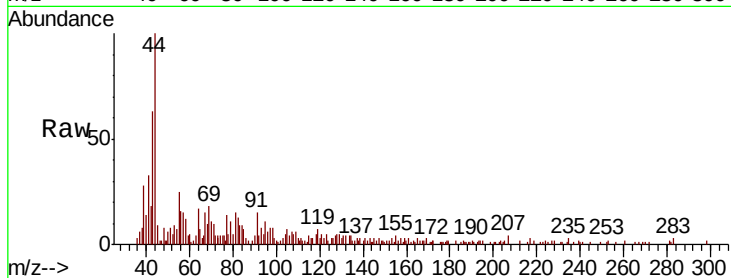
FB-1

Tot Ion: 43 Resp: 4515

Ion Ratio Lower Upper

43 100

58 13.9 24.0 36.0#



#20

Methylene Chloride

Concen: 0.224 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX006222.D

Acq: 30 Nov 2018 11:26

Tgt Ion: 84 Resp: 2260

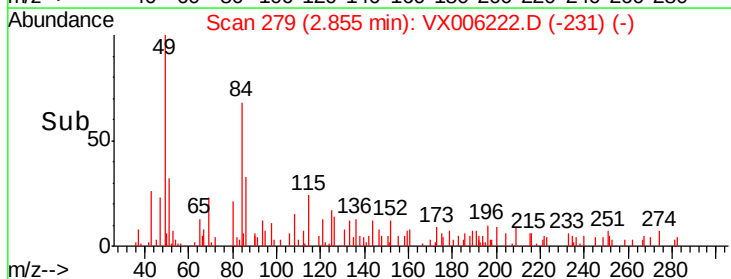
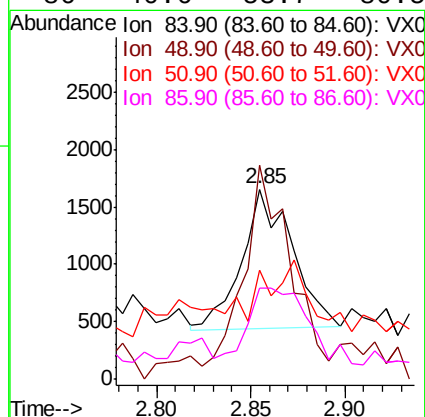
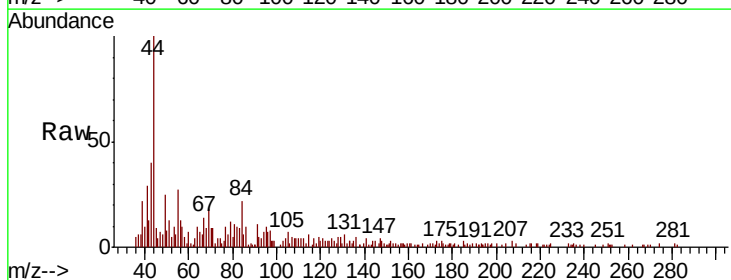
Ion Ratio Lower Upper

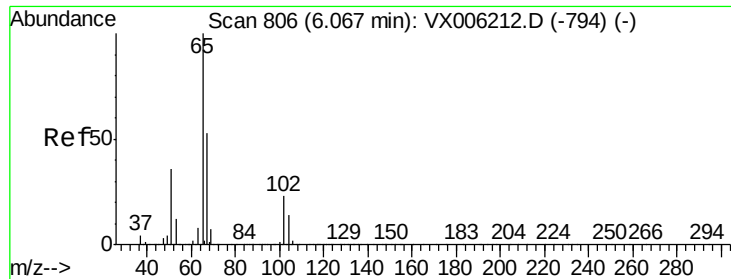
84 100

49 138.8 102.2 153.4

51 31.2 31.1 46.7

86 40.6 53.7 80.5#

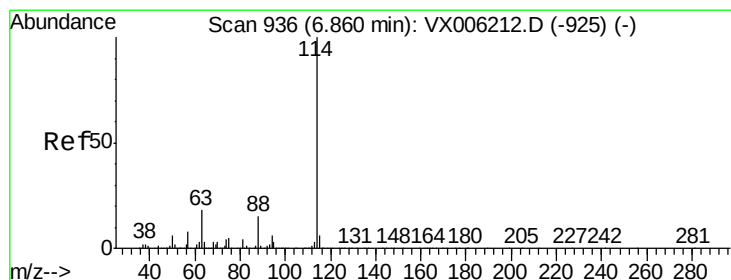
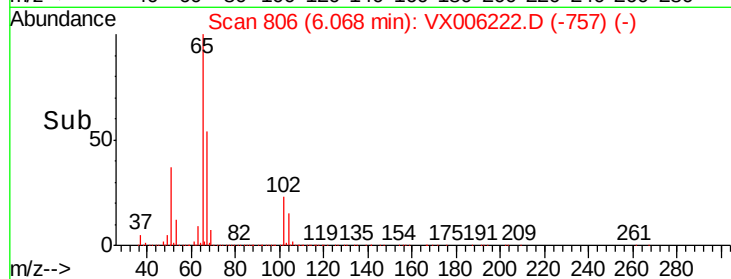
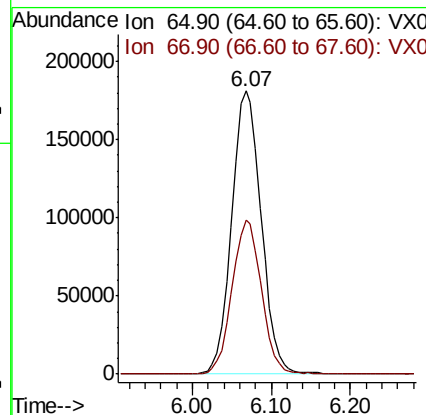
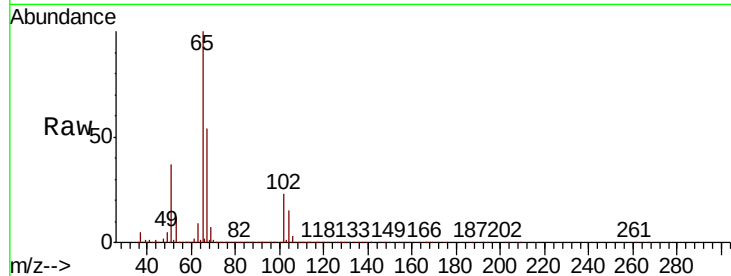




#33
 1,2-Dichloroethane-d4
 Concen: 46.578 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006222.D
 Acq: 30 Nov 2018 11:26

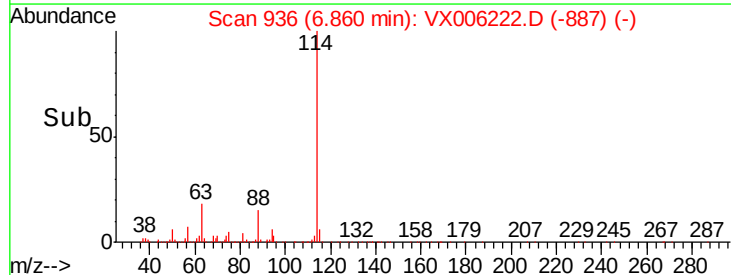
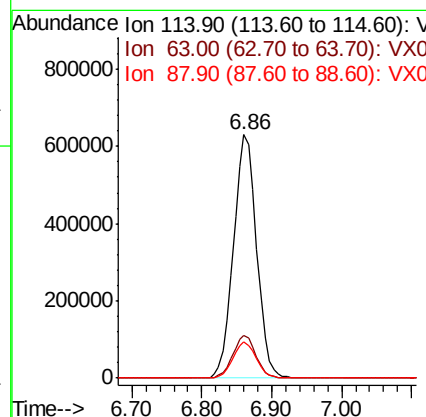
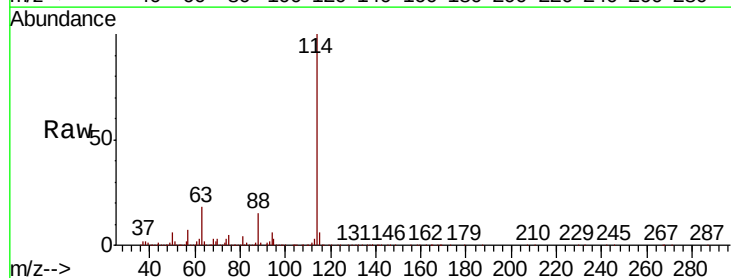
Instrument :
 MSVOA_X
 ClientSampled :
 FB-1

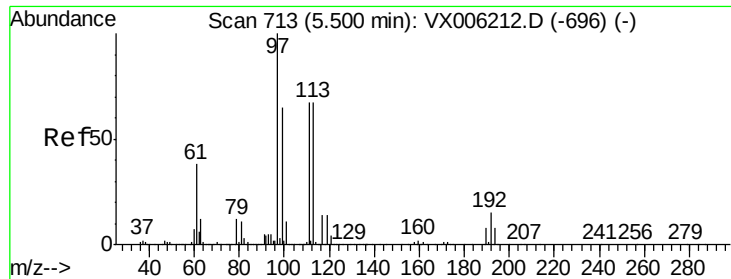
Tot Ion: 65 Resp: 470906
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006222.D
 Acq: 30 Nov 2018 11:26

Tgt Ion: 114 Resp: 1450109
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.6
 88 14.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.071 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006222.D

Acq: 30 Nov 2018 11:26

Instrument :

MSVOA_X

ClientSampleId :

FB-1

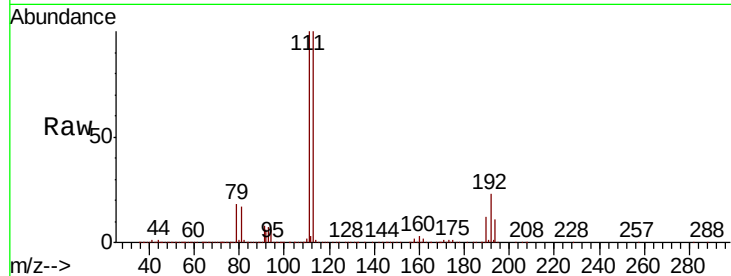
Tot Ion:113 Resp: 460725

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

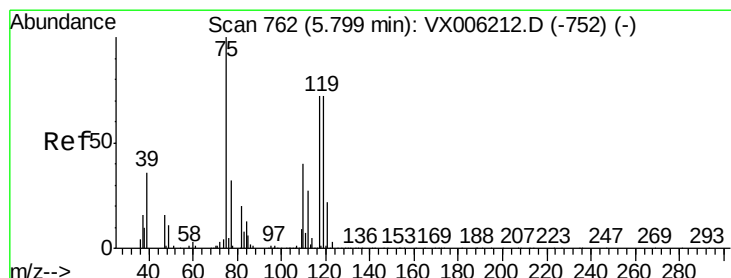
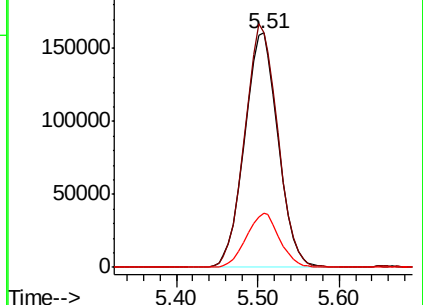
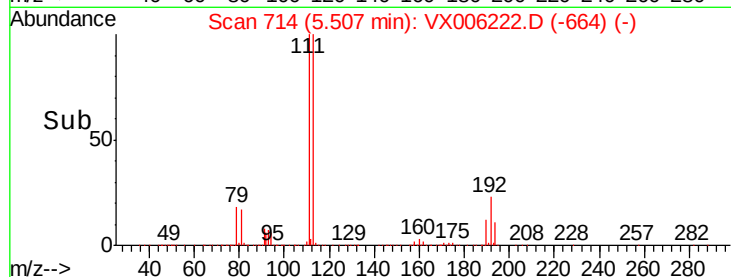
192 22.9 18.2 27.2



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: 4.922 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006222.D

Acq: 30 Nov 2018 11:26

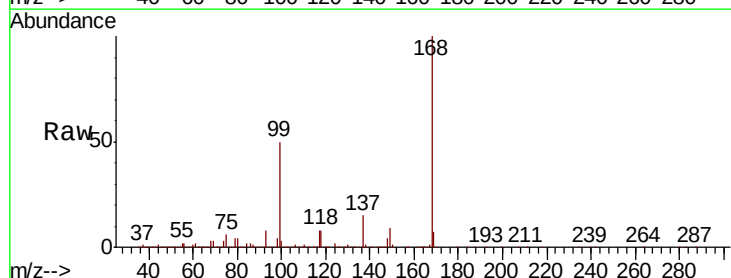
Tgt Ion: 75 Resp: 60103

Ion Ratio Lower Upper

75 100

110 10.2 20.4 61.3#

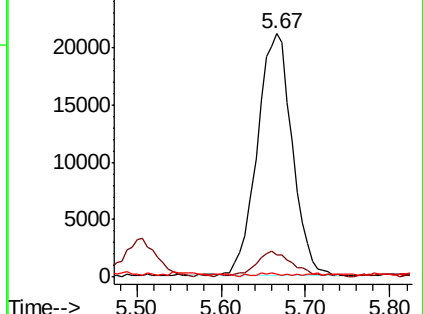
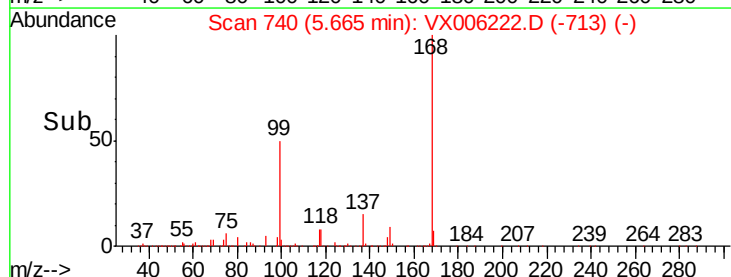
77 0.9 24.9 37.3#

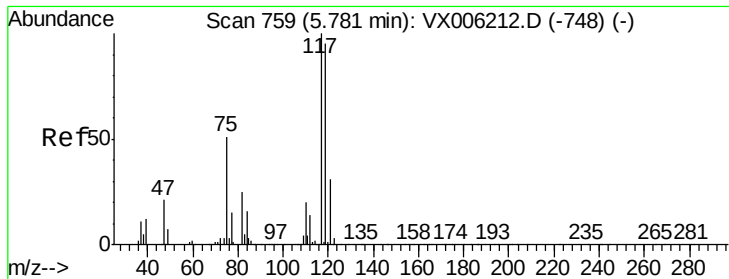


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.926 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006222.D

Acq: 30 Nov 2018 11:26

Instrument :

MSVOA_X

ClientSampled :

FB-1

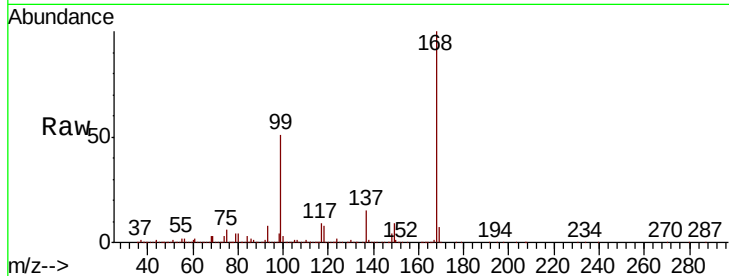
Tot Ion:117 Resp: 85128

Ion Ratio Lower Upper

117 100

119 3.9 75.8 113.8#

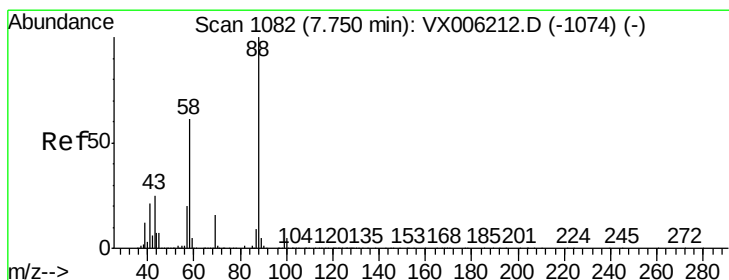
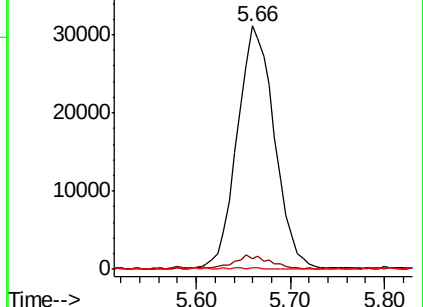
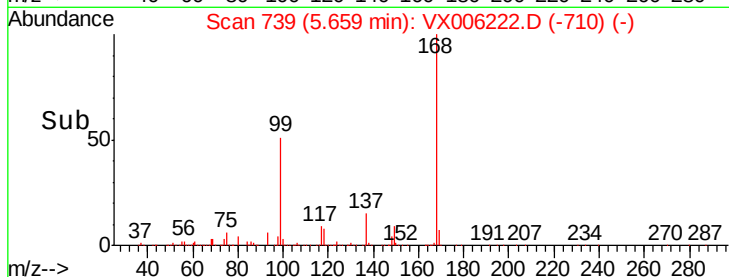
121 0.5 24.6 37.0#



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: 0.666 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.02 min

Lab File: VX006222.D

Acq: 30 Nov 2018 11:26

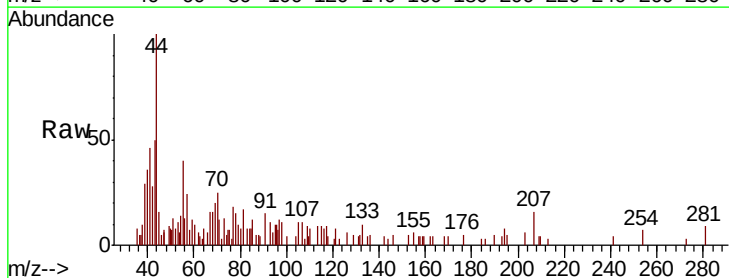
Tgt Ion: 88 Resp: 182

Ion Ratio Lower Upper

88 100

43 200.0 23.2 34.8#

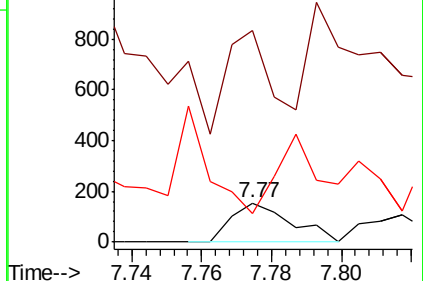
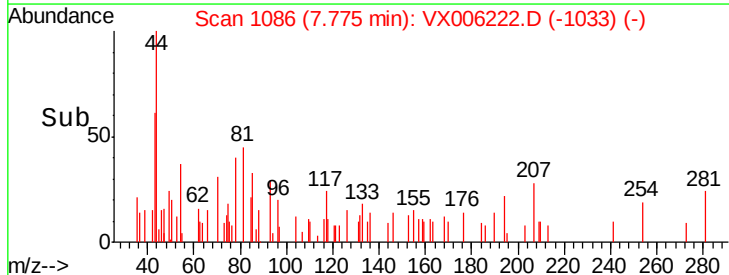
58 140.1 51.4 77.0#

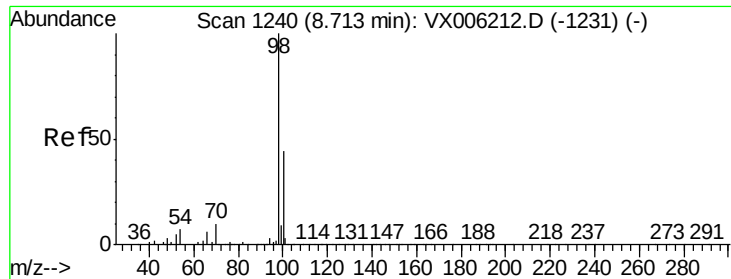


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

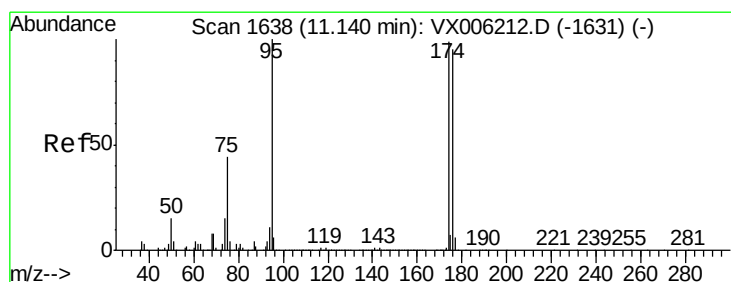
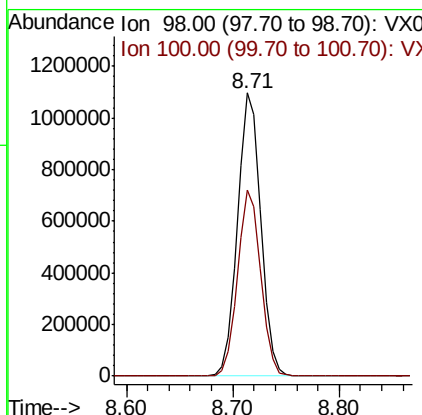
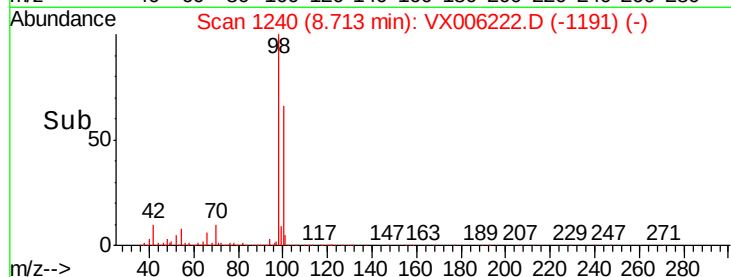
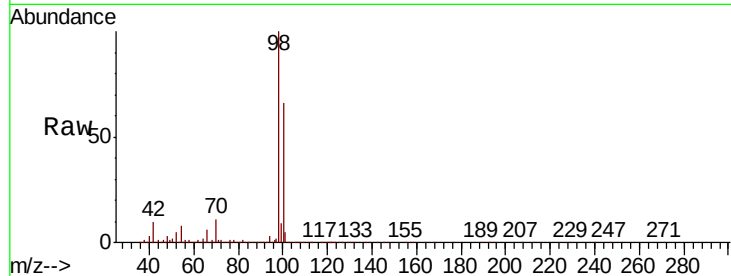




#50
Toluene-d8
Concen: 49.292 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006222.D
Acq: 30 Nov 2018 11:26

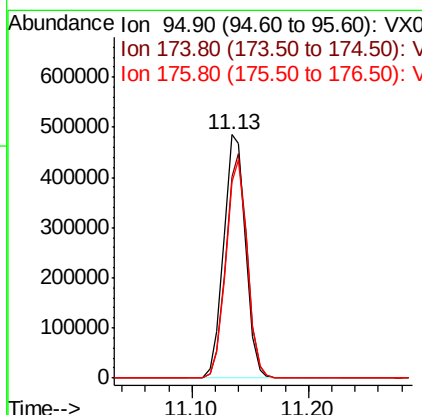
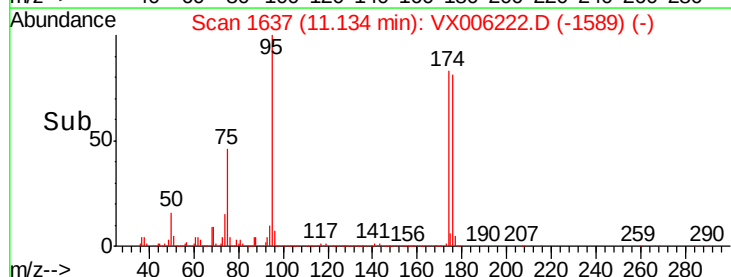
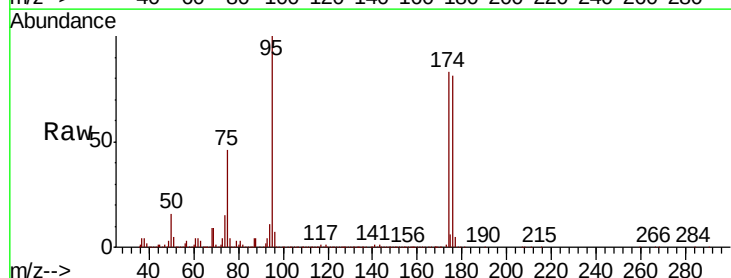
Instrument :
MSVOA_X
ClientSampleId :
FB-1

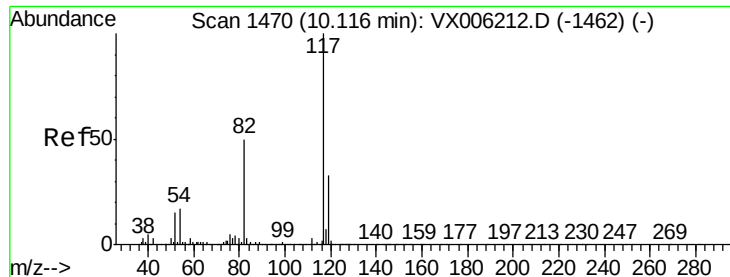
Tot Ion: 98 Resp: 1683374
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.661 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006222.D
Acq: 30 Nov 2018 11:26

Tgt Ion: 95 Resp: 626223
Ion Ratio Lower Upper
95 100
174 90.3 0.0 187.0
176 88.0 0.0 181.8

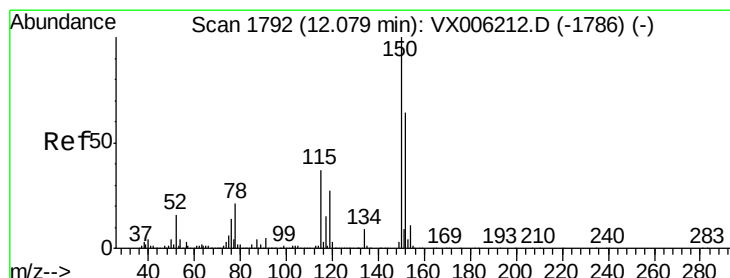
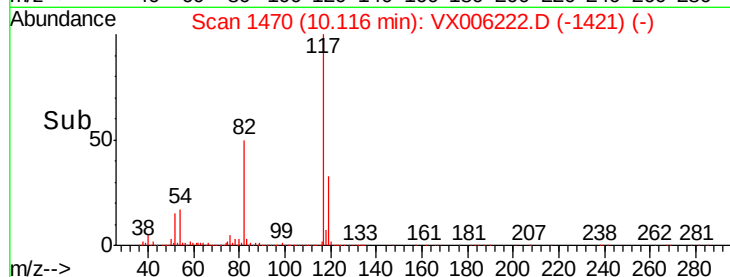
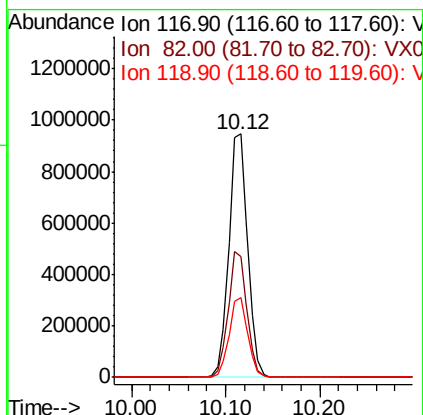
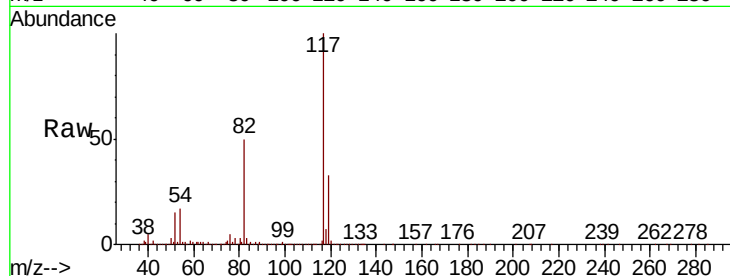




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006222.D
Acq: 30 Nov 2018 11:26

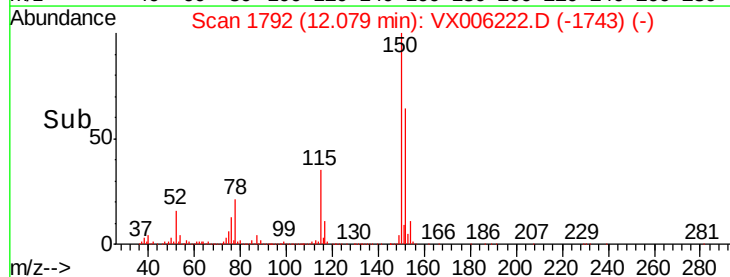
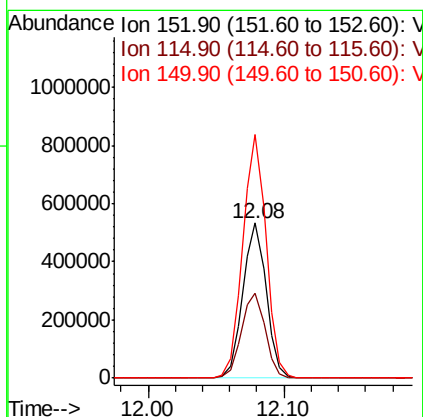
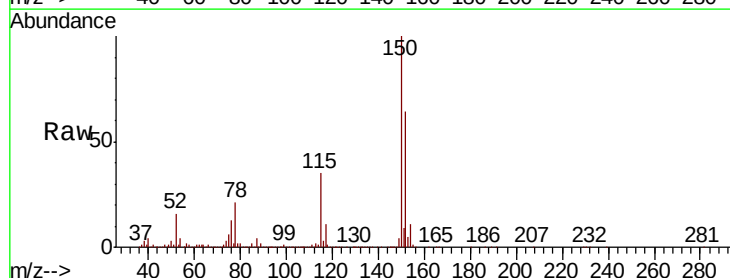
Instrument :
MSVOA_X
ClientSampled :
FB-1

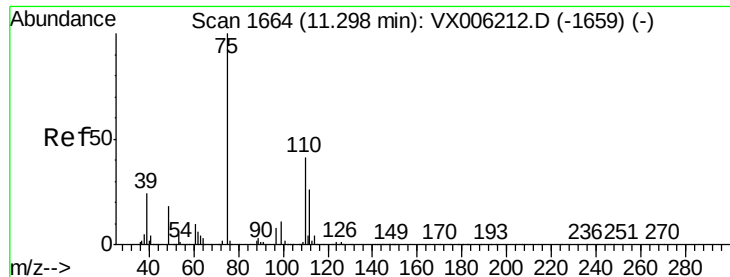
Tot Ion:117 Resp: 1306817
Ion Ratio Lower Upper
117 100
82 49.7 39.6 59.4
119 32.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006222.D
Acq: 30 Nov 2018 11:26

Tgt Ion:152 Resp: 639892
Ion Ratio Lower Upper
152 100
115 55.4 39.0 116.9
150 155.8 0.0 345.8

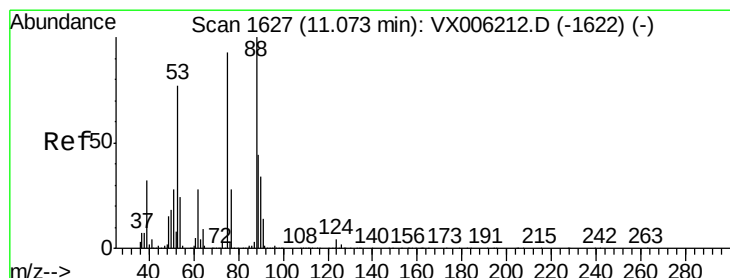
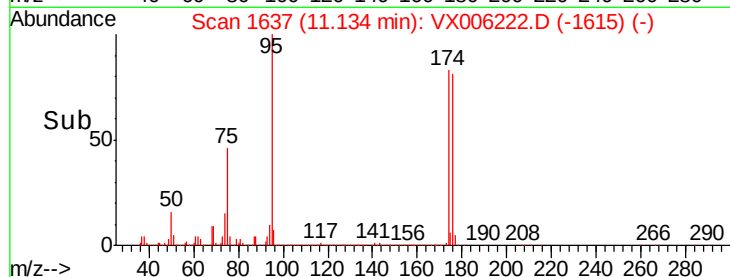
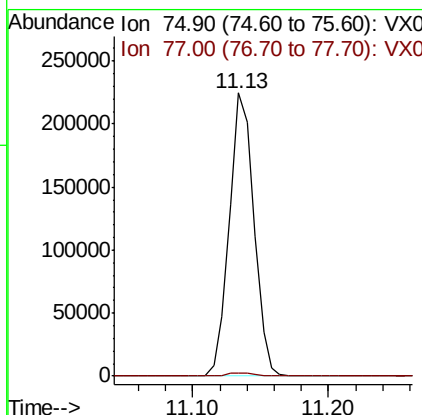
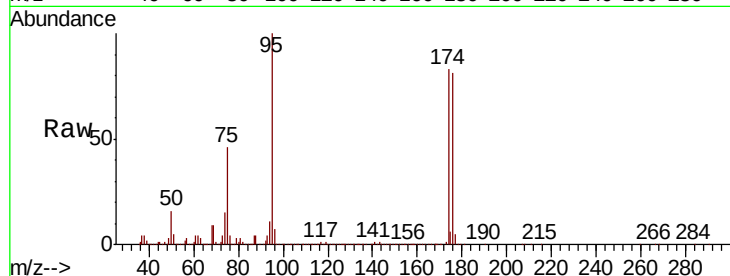




#76
 1,2,3-Trichloropropane
 Concen: 22.873 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006222.D
 Acq: 30 Nov 2018 11:26

Instrument :
 MSVOA_X
 ClientSampled :
 FB-1

Tot Ion: 75 Resp: 282502
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.9 59.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.676 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006222.D
 Acq: 30 Nov 2018 11:26

Tgt Ion: 75 Resp: 282502
 Ion Ratio Lower Upper
 75 100
 53 0.1 64.4 96.6#
 89 0.0 44.2 66.4#

