

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 22:53:47 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	470906	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	
35) Dibromofluoromethane	5.51	113	460725	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
50) Toluene-d8	8.71	98	1683374	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.13	95	626223	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	

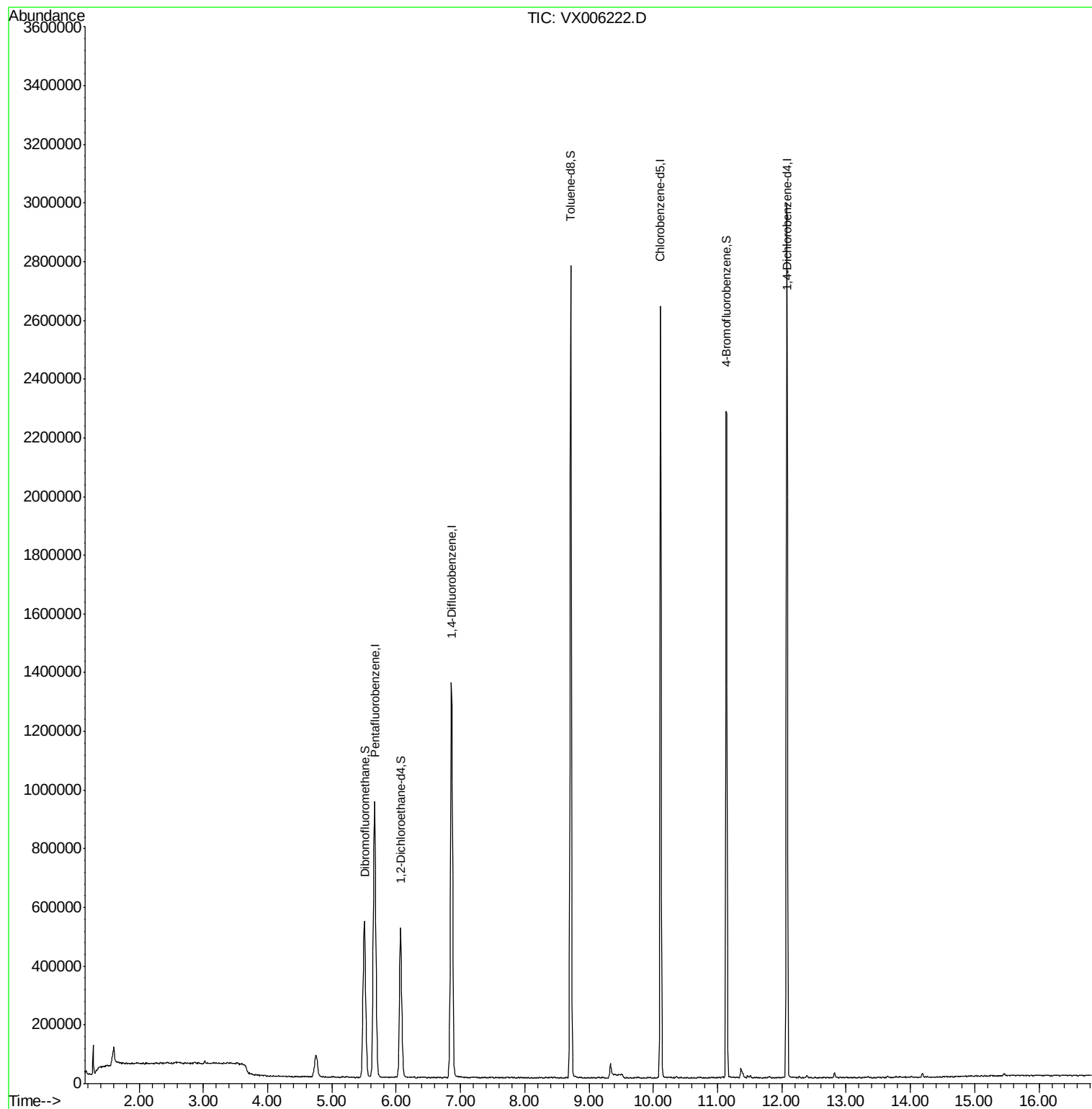
Target Compounds	Qvalue
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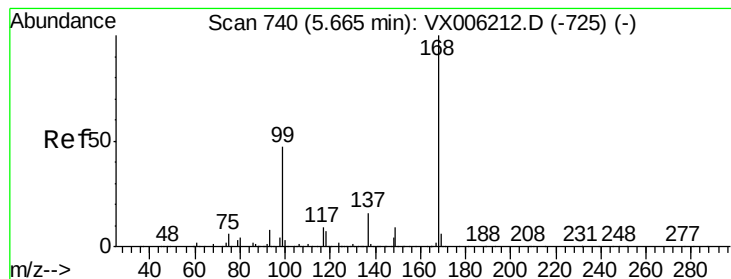
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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 :

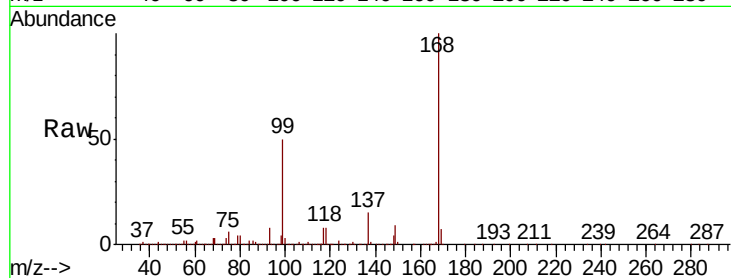
FB-1

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

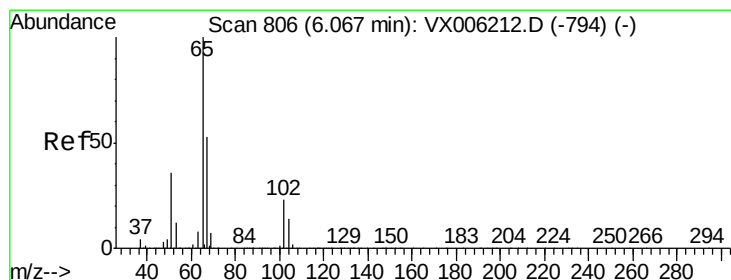
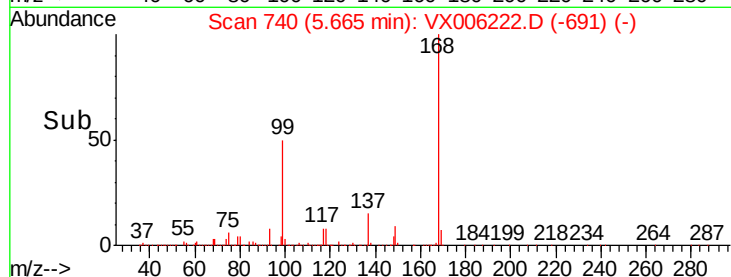
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#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

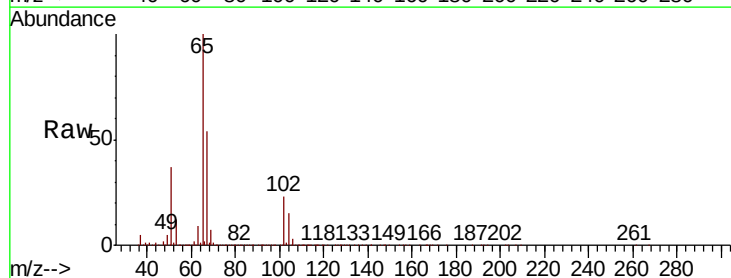
Acq: 30 Nov 2018 11:26

Tgt Ion: 65 Resp: 470906

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

200000

150000

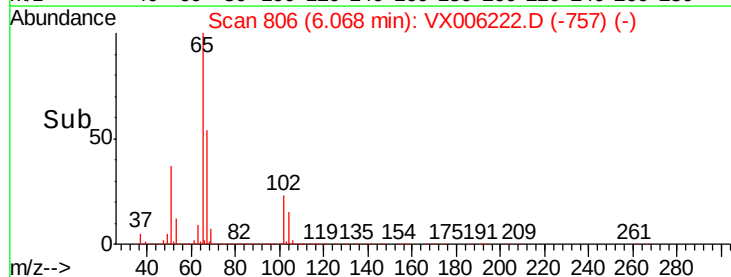
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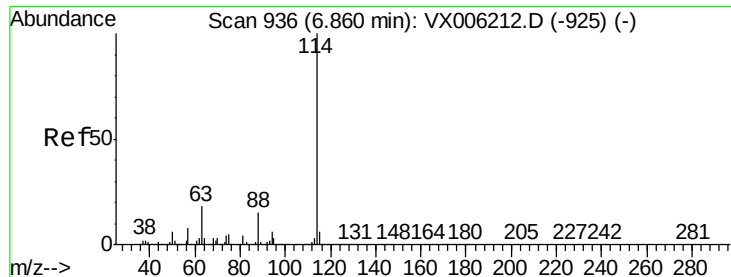
50000

0

Time-->

6.00 6.10 6.20

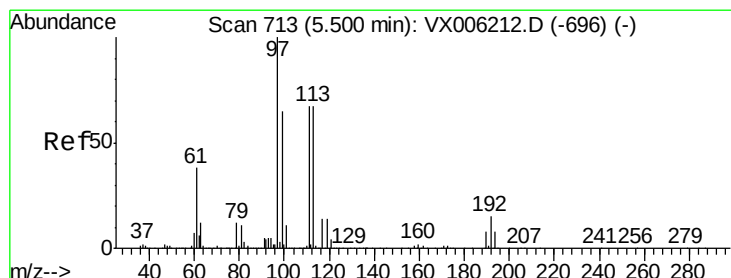
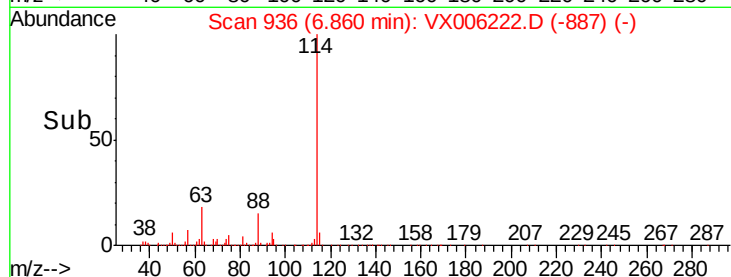
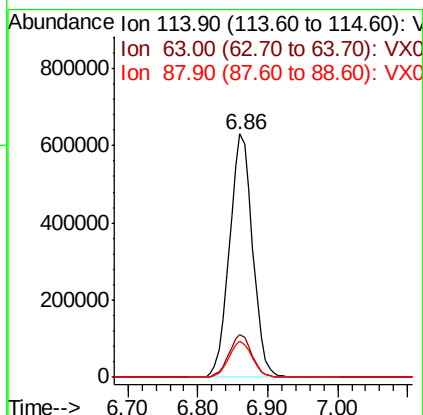
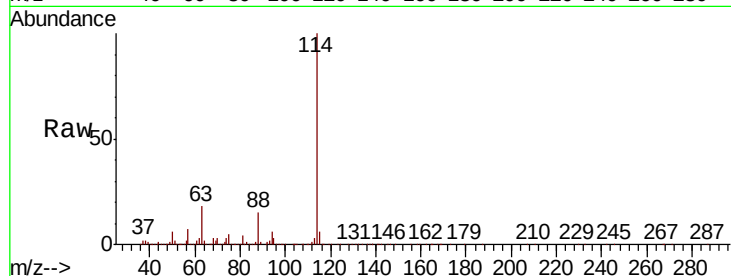




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006222.D
 Acq: 30 Nov 2018 11:26

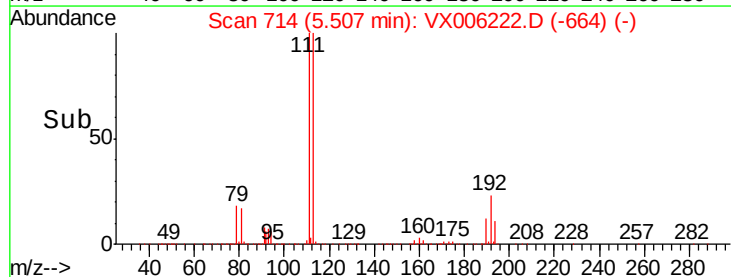
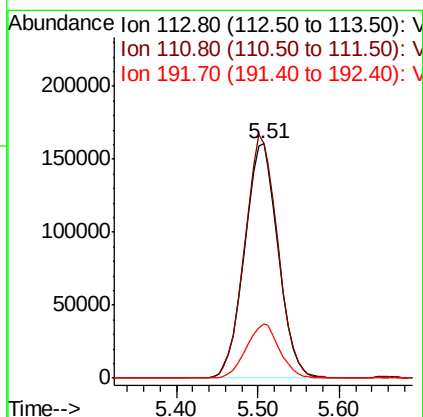
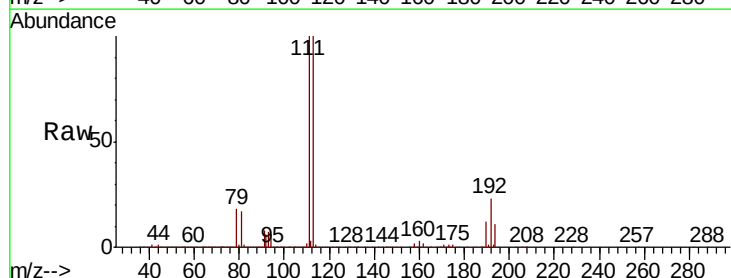
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-1

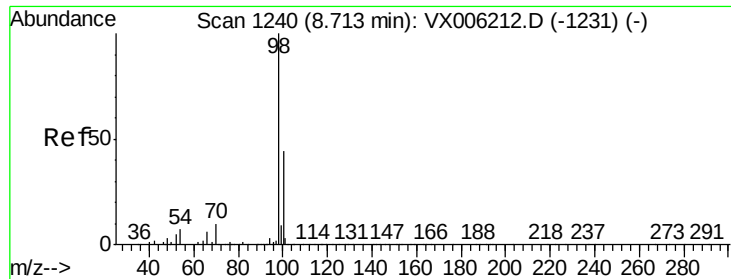
Tot Ion:114 Resp: 1450109
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.6
 88 14.7 0.0 29.0



#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

Tgt Ion:113 Resp: 460725
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.1 121.7
 192 22.9 18.2 27.2

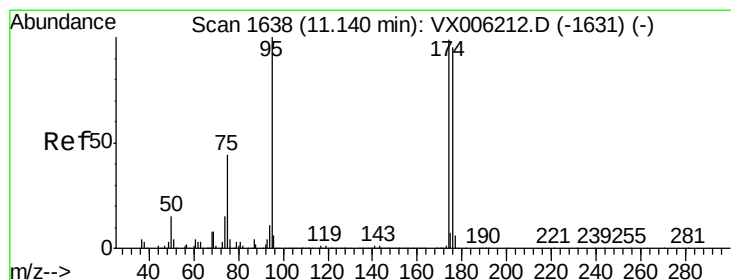
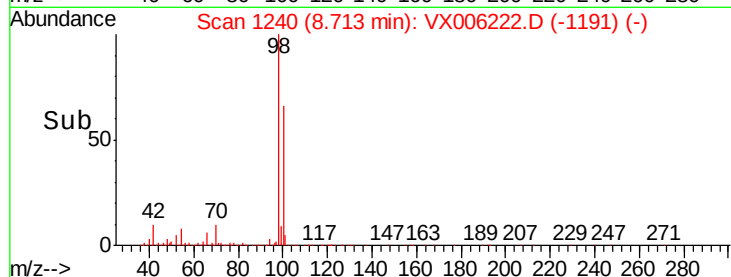
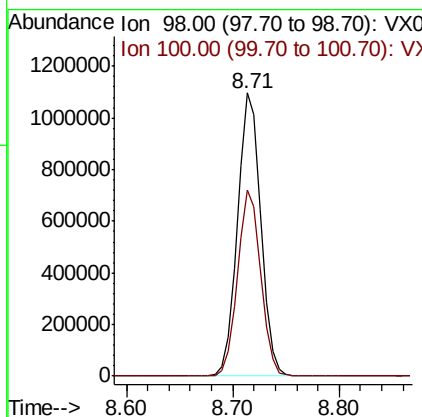
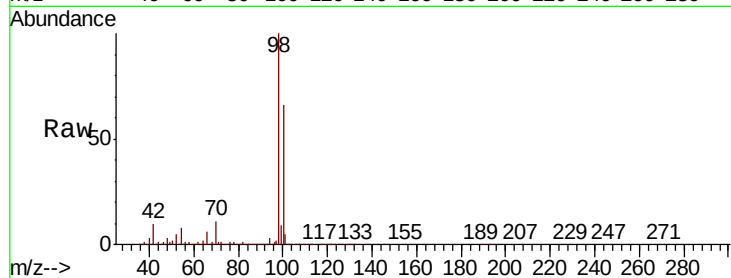




#50
Toluene-d8
Concen: 49.292 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006222.D
Acq: 30 Nov 2018 11:26

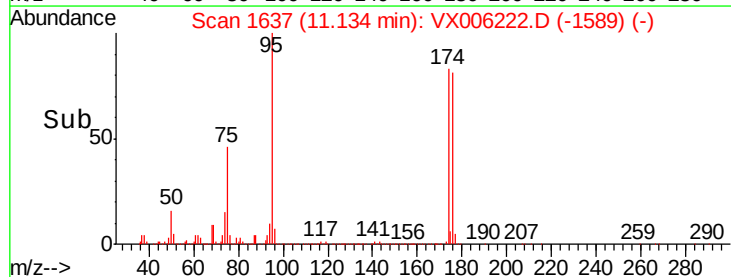
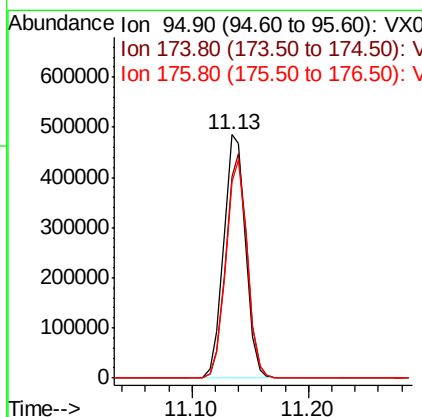
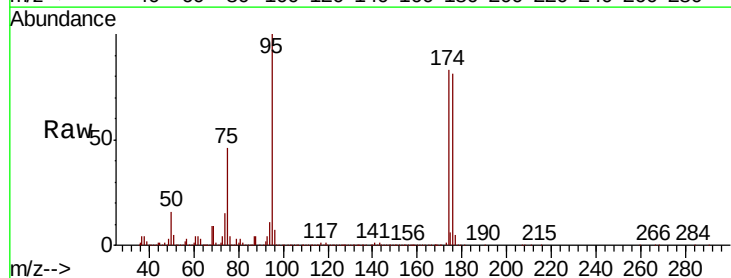
Instrument :
MSVOA_X
ClientSampleId :
FB-1

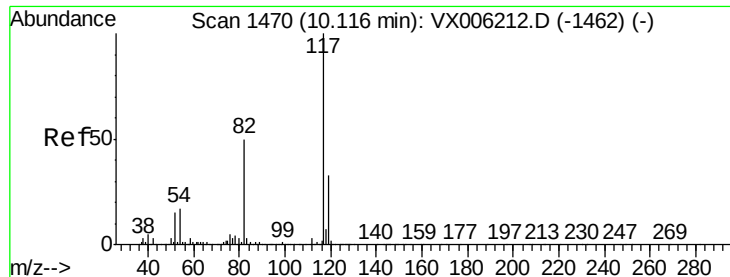
Tot Ion: 98 Resp: 1683374
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2



#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

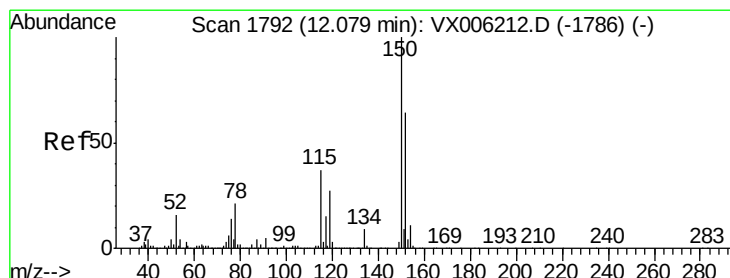
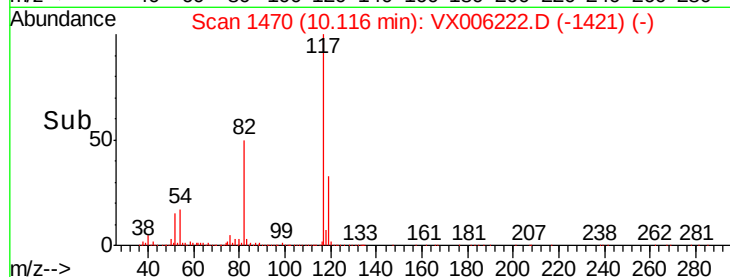
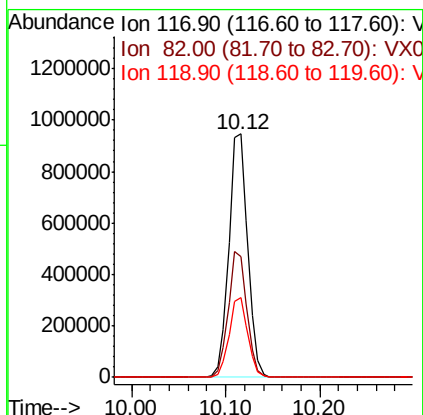
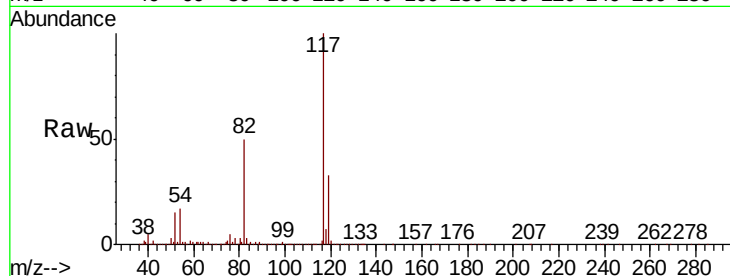




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006222.D
Acq: 30 Nov 2018 11:26

Instrument :
MSVOA_X
ClientSampleId :
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

