

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010319\
 Data File : VX006891.D
 Acq On : 03 Jan 2019 13:39
 Operator : JC/MD
 Sample : K1029-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B12_123118

Quant Time: Jan 04 04:35:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

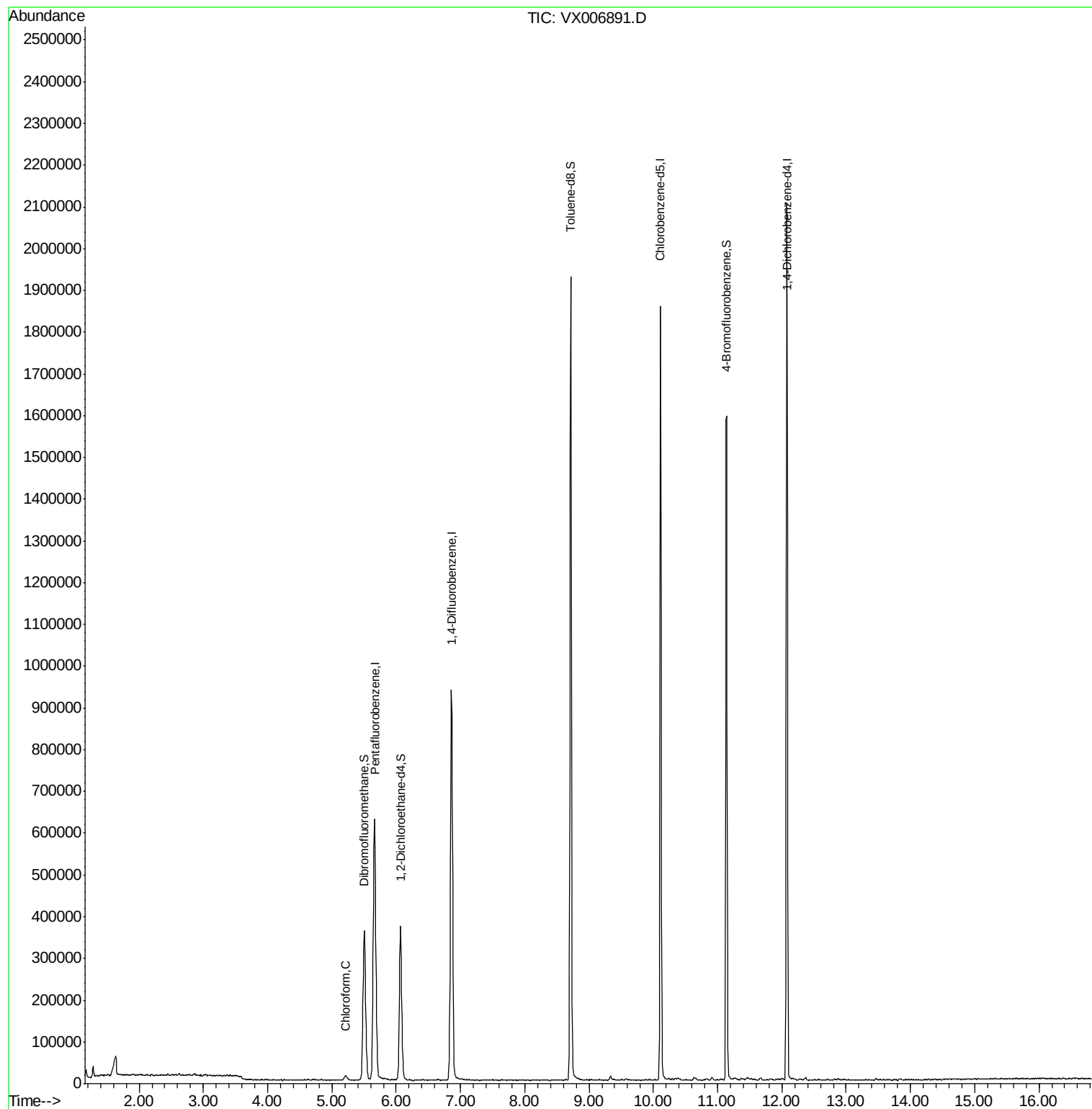
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	664087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1005394	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	915335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	441569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	343219	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
35) Dibromofluoromethane	5.50	113	305807	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
50) Toluene-d8	8.71	98	1178637	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.13	95	421596	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
Target Compounds						
30) Chloroform	5.21	83	12744	1.128	ug/l #	Qvalue 70

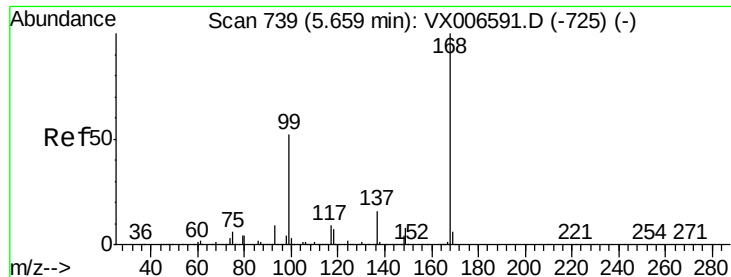
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006891.D

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Instrument :

MSVOA_X

ClientSampleId :

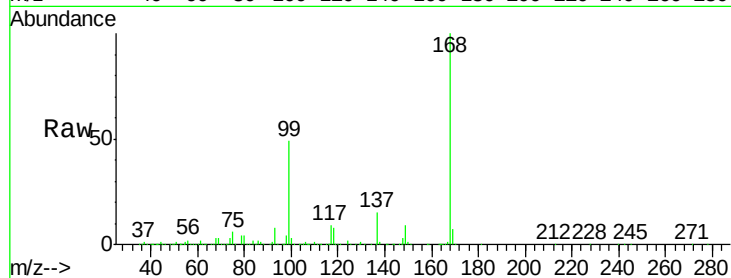
B12_123118

Tot Ion:168 Resp: 664087

Ion Ratio Lower Upper

168 100

99 48.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

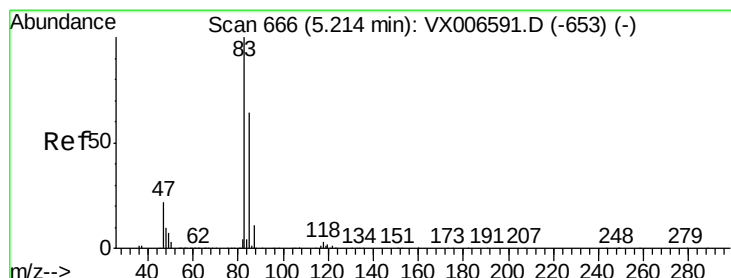
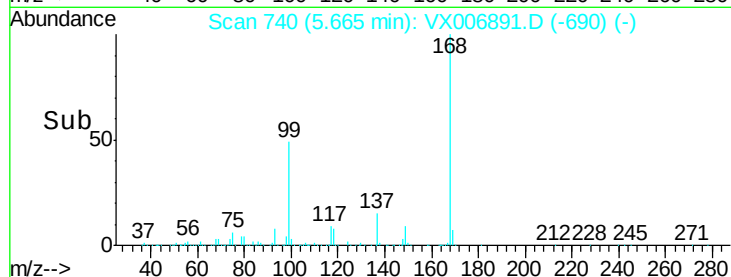
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#30

Chloroform

Concen: 1.128 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006891.D

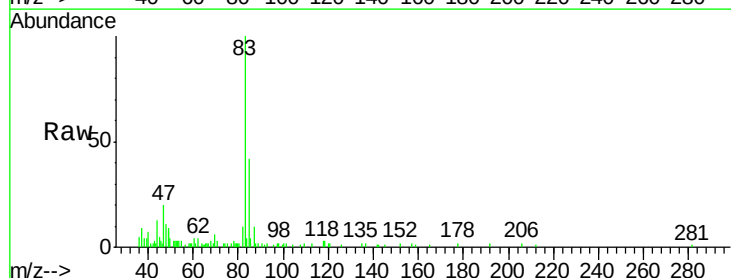
Acq: 03 Jan 2019 13:39

Tgt Ion: 83 Resp: 12744

Ion Ratio Lower Upper

83 100

85 40.4 51.2 76.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.21

5000

4000

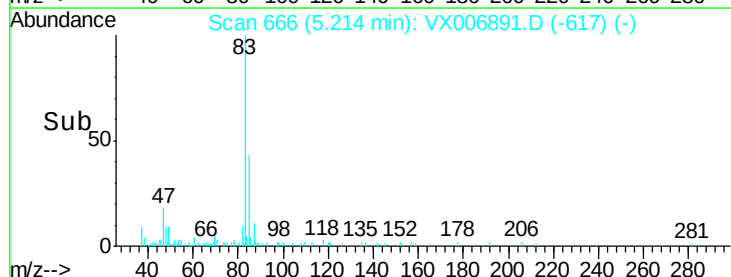
3000

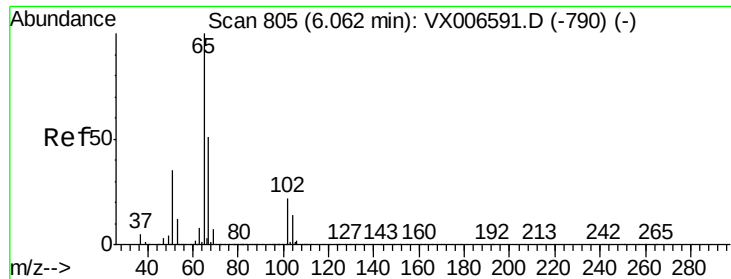
2000

1000

0

Time--> 5.10 5.20 5.30





#33

1,2-Dichloroethane-d4

Concen: 47.954 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006891.D

Acq: 03 Jan 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

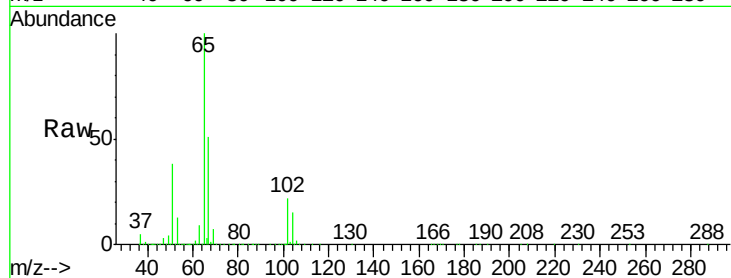
B12_123118

Tot Ion: 65 Resp: 343219

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

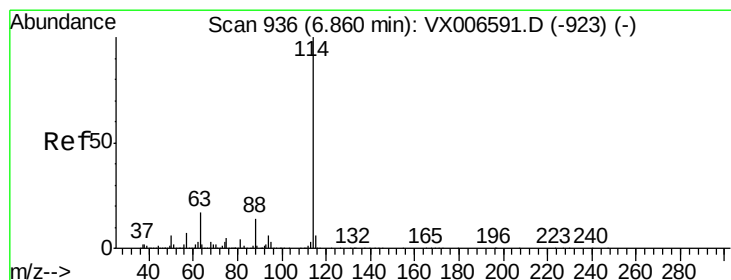
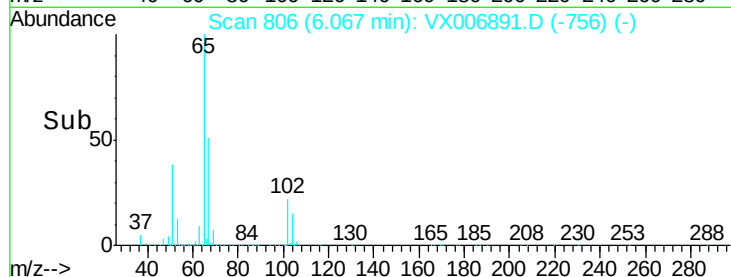
100000

50000

0

Time-->

5.90 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: VX006891.D

Acq: 03 Jan 2019 13:39

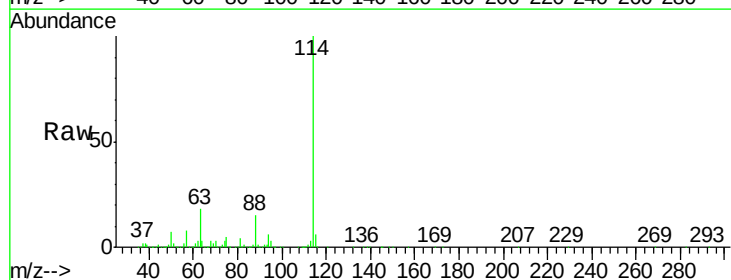
Tgt Ion: 114 Resp: 1005394

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.8

88 14.6 0.0 28.8



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

600000

500000

400000

300000

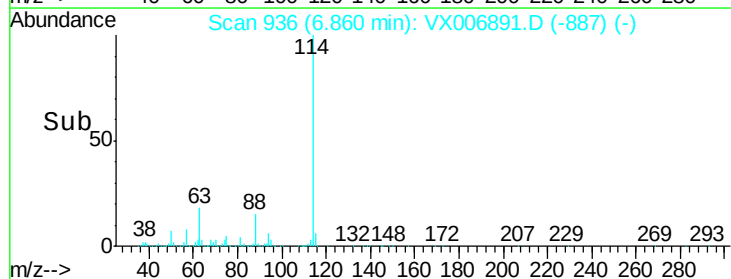
200000

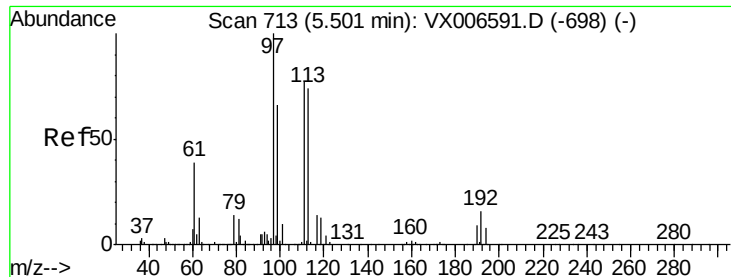
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.099 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006891.D

Acq: 03 Jan 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

B12_123118

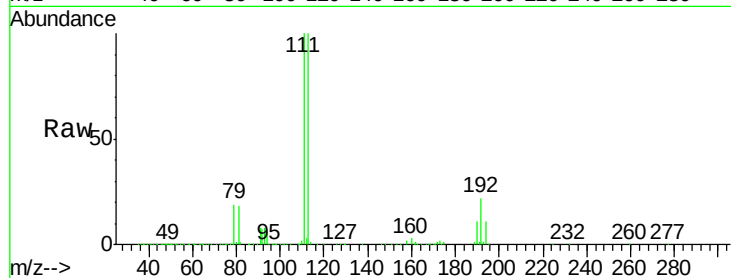
Tot Ion:113 Resp: 305807

Ion Ratio Lower Upper

113 100

111 102.1 81.6 122.4

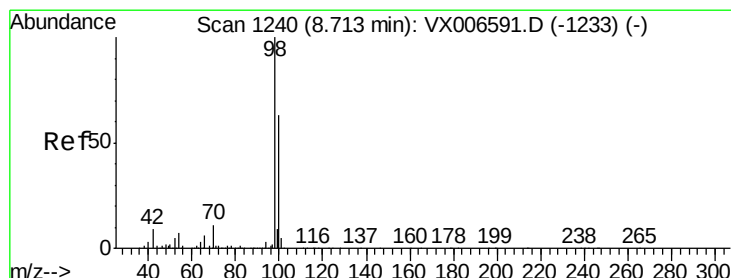
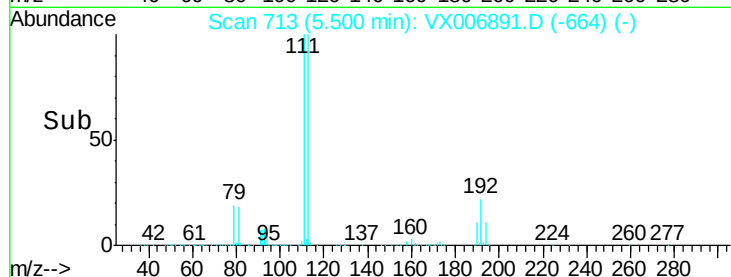
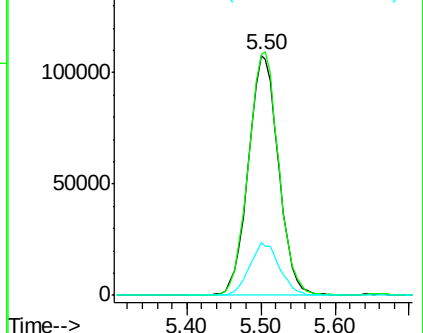
192 21.7 16.7 25.1



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



#50

Toluene-d8

Concen: 49.172 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006891.D

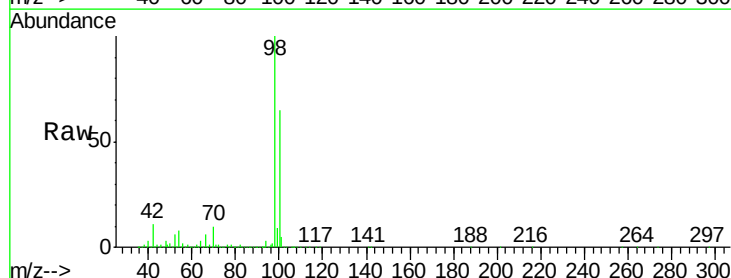
Acq: 03 Jan 2019 13:39

Tgt Ion: 98 Resp: 1178637

Ion Ratio Lower Upper

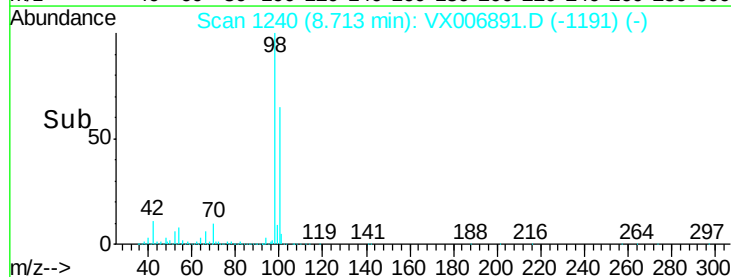
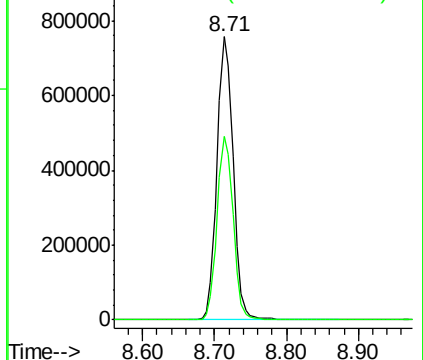
98 100

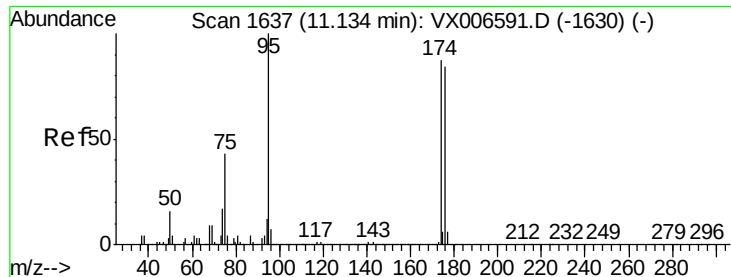
100 64.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

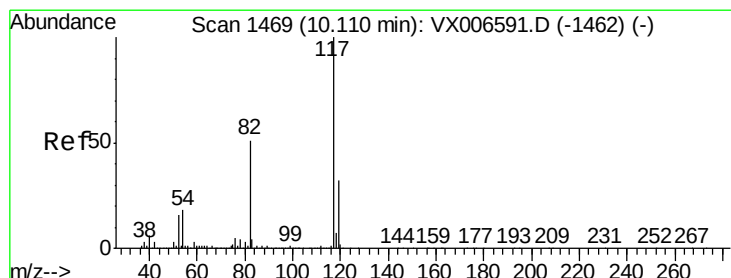
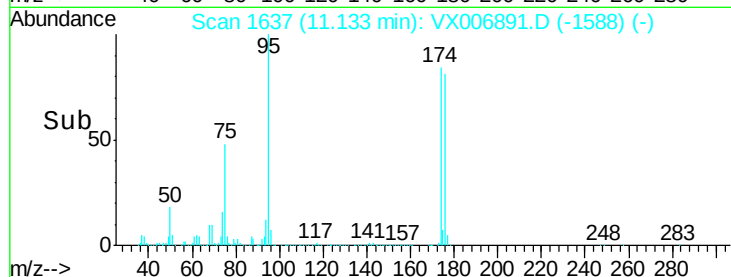
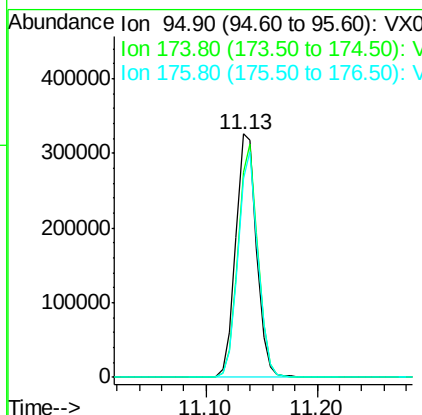
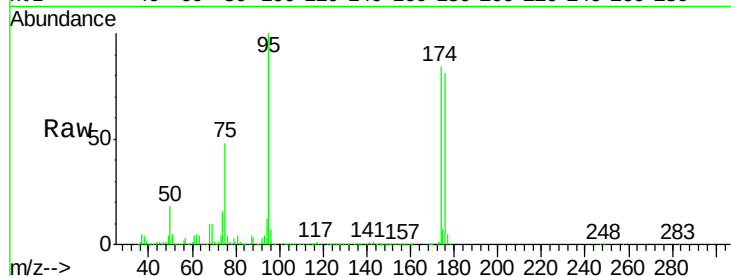




#62
4-Bromofluorobenzene
Concen: 48.025 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006891.D
Acq: 03 Jan 2019 13:39

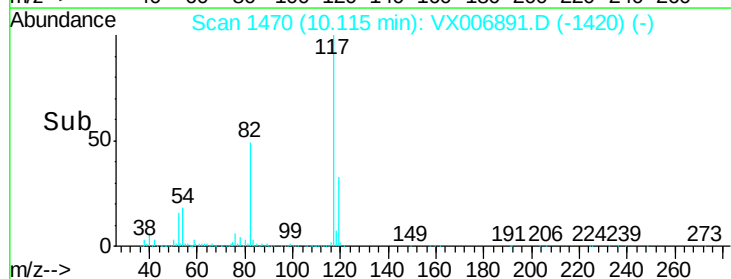
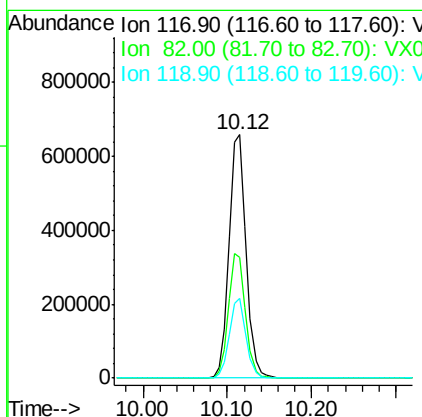
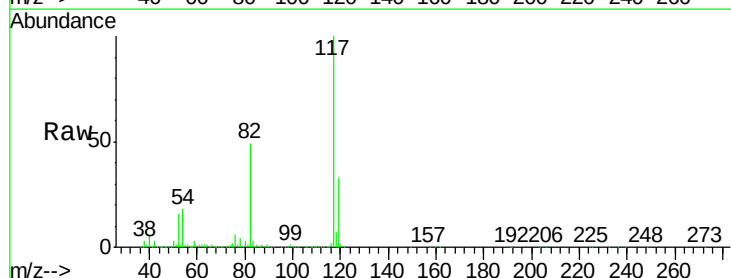
Instrument :
MSVOA_X
ClientSampleId :
B12_123118

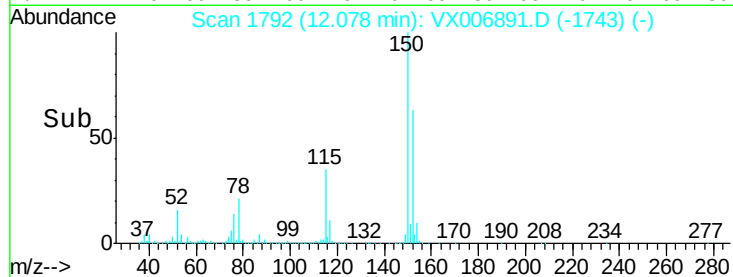
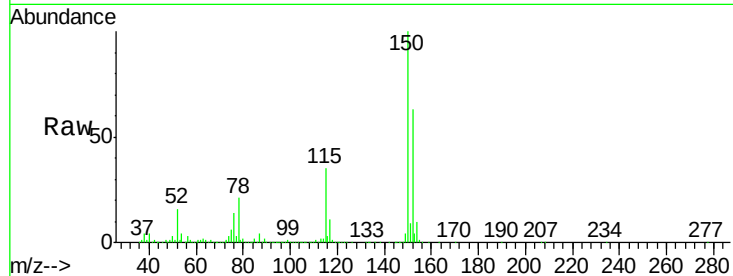
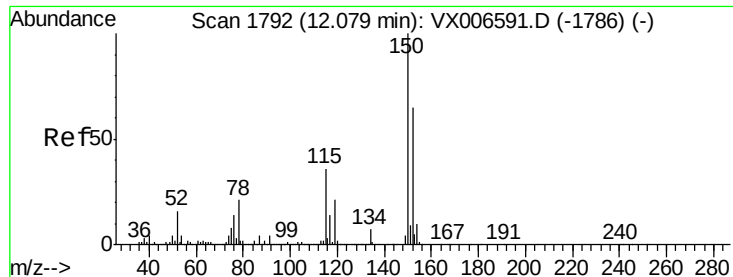
Tot Ion: 95 Resp: 421596
Ion Ratio Lower Upper
95 100
174 91.6 0.0 182.2
176 88.6 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006891.D
Acq: 03 Jan 2019 13:39

Tgt Ion: 117 Resp: 915335
Ion Ratio Lower Upper
117 100
82 49.4 41.0 61.6
119 32.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006891.D

Acq: 03 Jan 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

B12_123118

Tot Ion:152 Resp: 441569

Ion Ratio Lower Upper

152 100

115 55.0 39.1 117.2

150 158.4 0.0 344.8

