

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006690.D
 Acq On : 20 Dec 2018 22:27
 Operator : JC/MD
 Sample : VX1220WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBL02

Quant Time: Dec 21 04:42:03 2018
 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	5.67	168	638740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1001885	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	914949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	440279	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	347906	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	5.51	113	298108	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
50) Toluene-d8	8.71	98	1183629	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	11.13	95	431886	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	

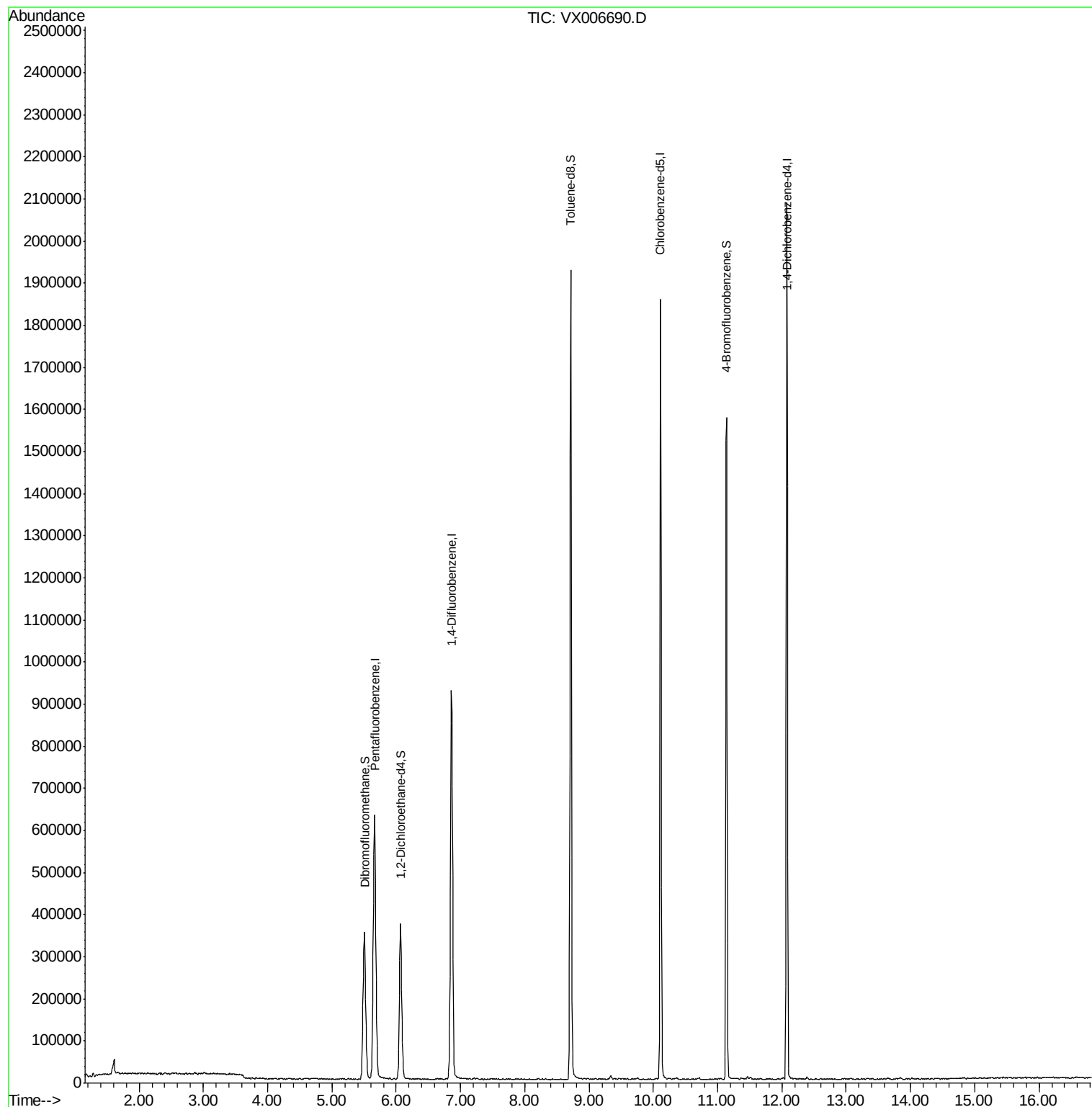
Target Compounds	Qvalue
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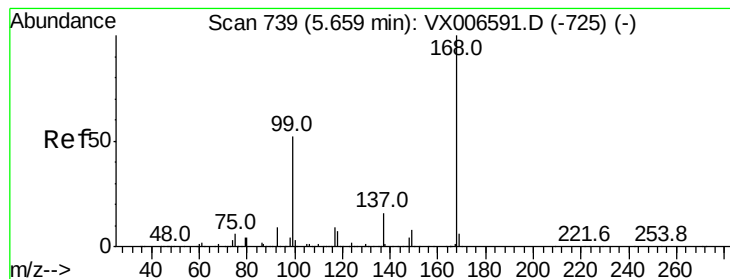
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006690.D

Acq: 20 Dec 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

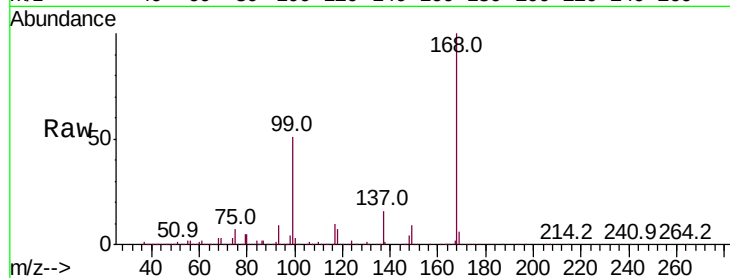
VX1220WBL02

Tot Ion:168 Resp: 638740

Ion Ratio Lower Upper

168 100

99 51.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

50000

0

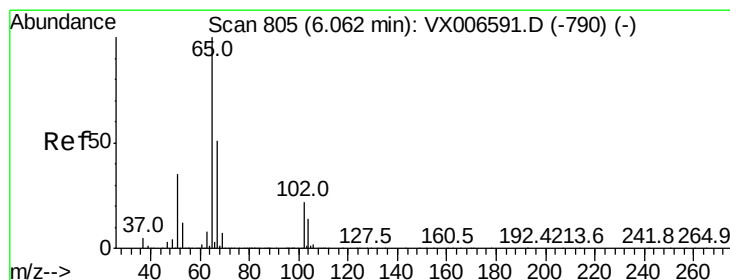
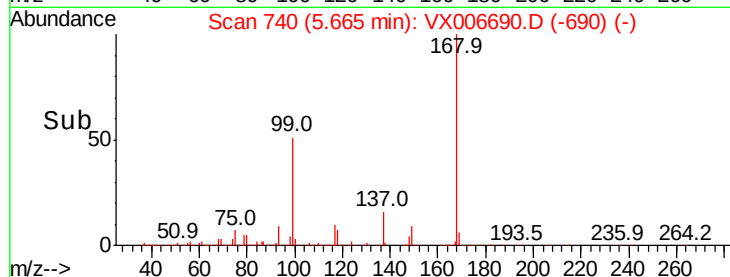
5.67

5.60

5.70

5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.538 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006690.D

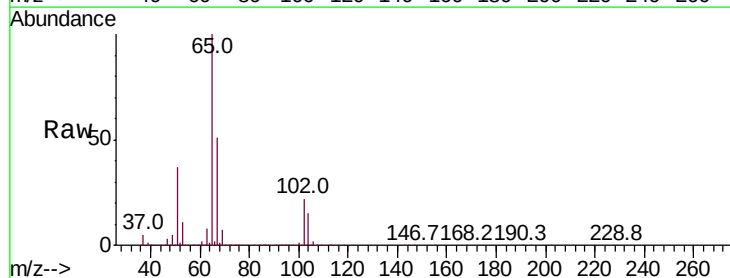
Acq: 20 Dec 2018 22:27

Tgt Ion: 65 Resp: 347906

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

150000

100000

50000

0

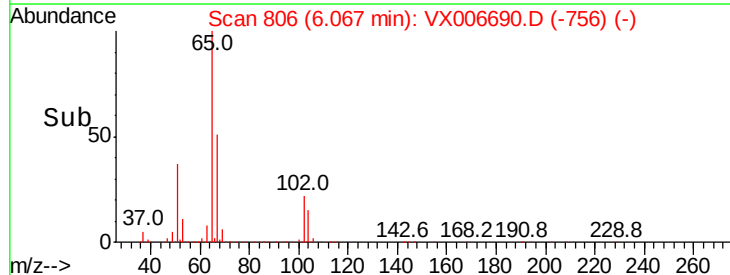
6.07

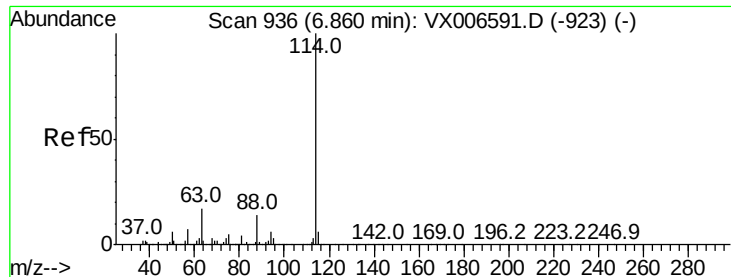
5.90

6.10

6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006690.D

Acq: 20 Dec 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBL02

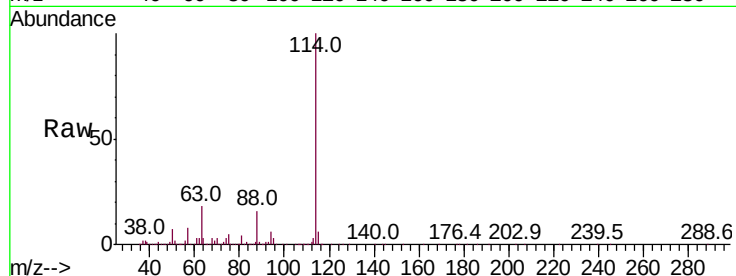
Tot Ion:114 Resp: 1001885

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

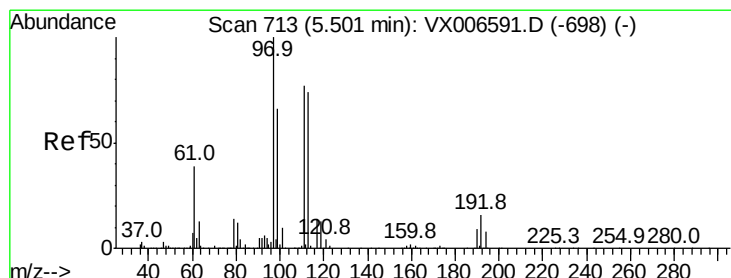
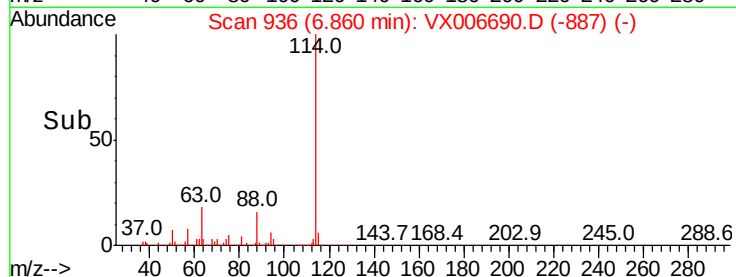
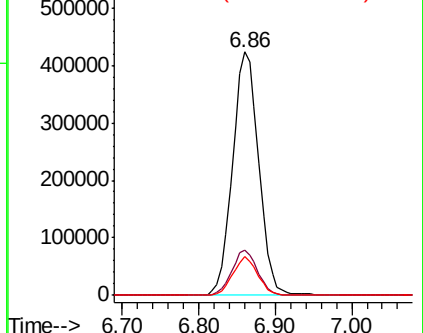
88 15.7 0.0 28.8



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



#35

Dibromofluoromethane

Concen: 47.052 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006690.D

Acq: 20 Dec 2018 22:27

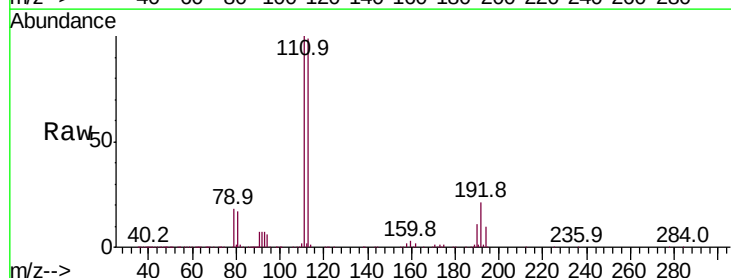
Tgt Ion:113 Resp: 298108

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

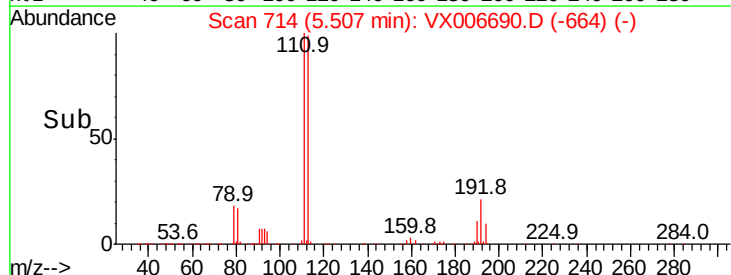
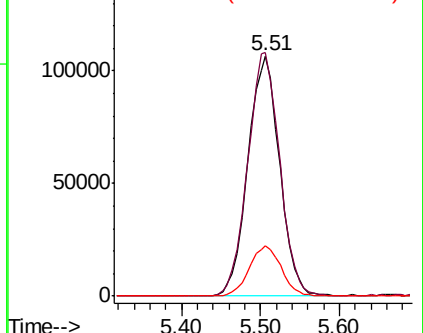
192 21.0 16.7 25.1

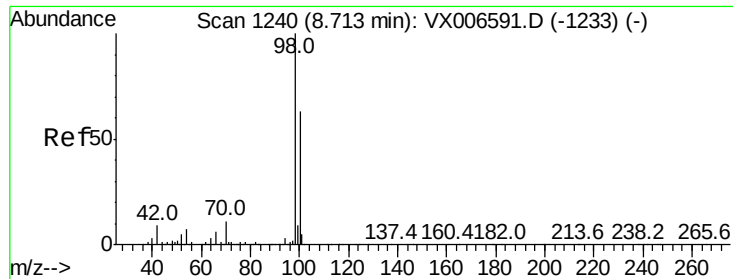


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

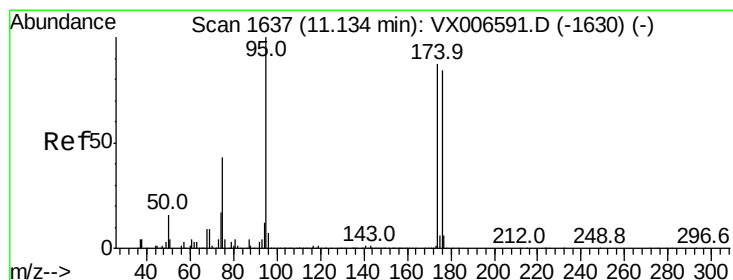
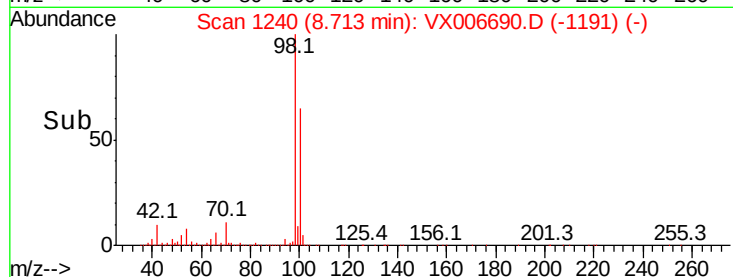
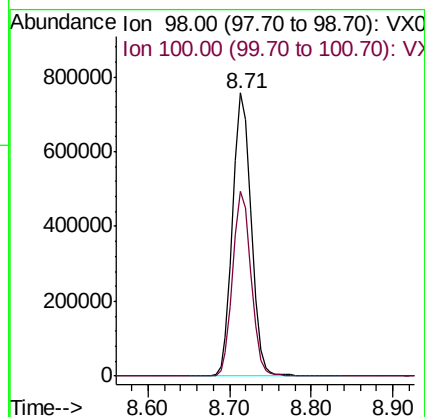
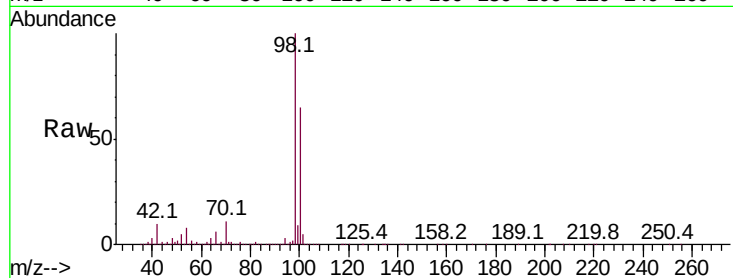




#50
Toluene-d8
Concen: 49.553 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006690.D
Acq: 20 Dec 2018 22:27

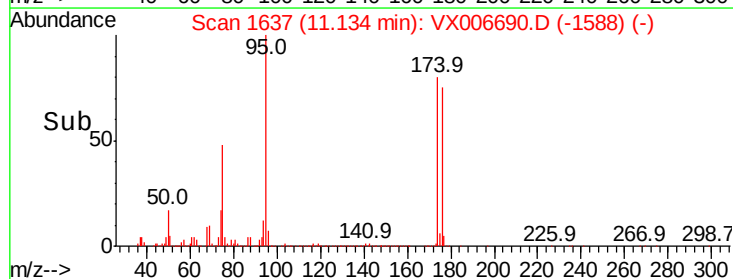
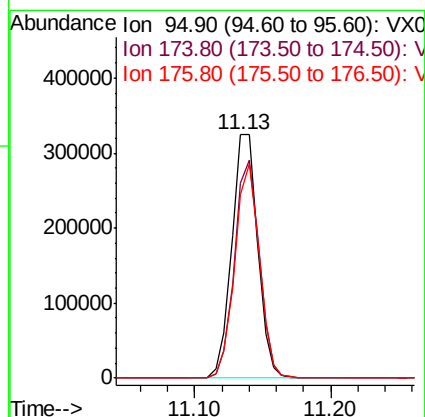
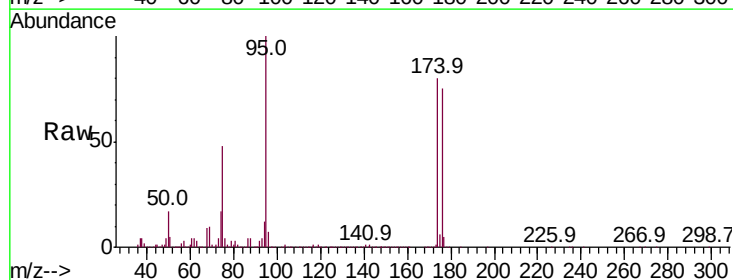
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBL02

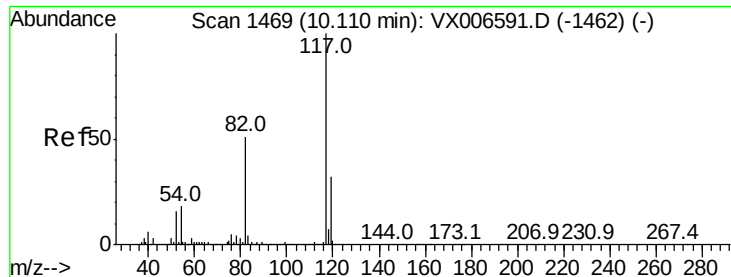
Tot Ion: 98 Resp: 1183629
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.370 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006690.D
Acq: 20 Dec 2018 22:27

Tgt Ion: 95 Resp: 431886
Ion Ratio Lower Upper
95 100
174 86.0 0.0 182.2
176 83.7 0.0 178.8

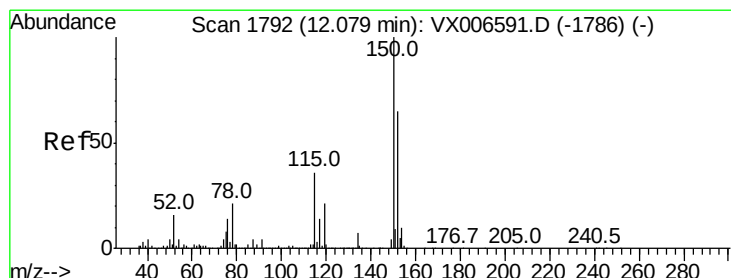
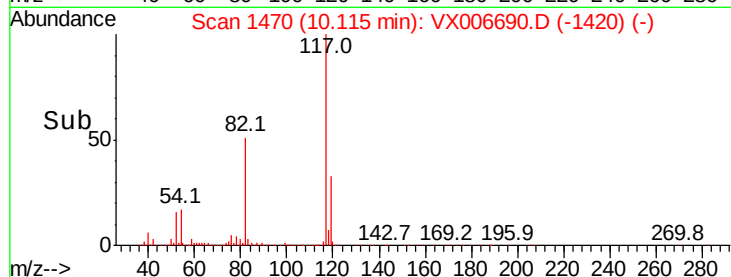
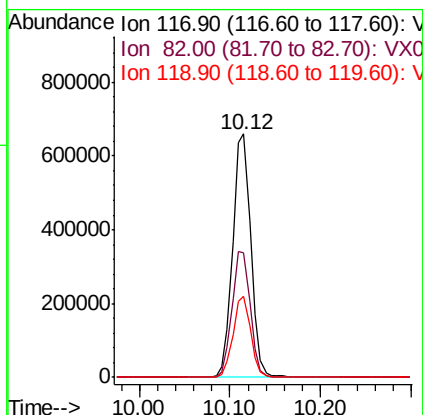
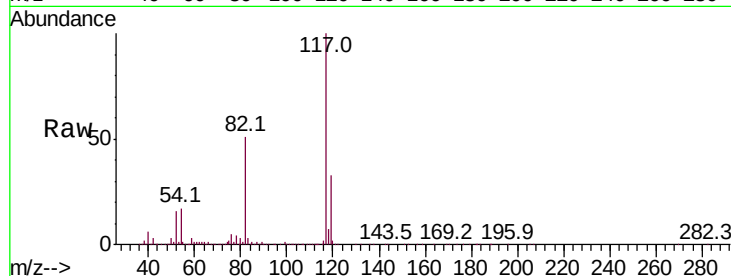




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006690.D
Acq: 20 Dec 2018 22:27

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBL02

Tot Ion:117 Resp: 914949
Ion Ratio Lower Upper
117 100
82 50.9 41.0 61.6
119 33.1 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: VX006690.D
Acq: 20 Dec 2018 22:27

Tgt Ion:152 Resp: 440279
Ion Ratio Lower Upper
152 100
115 56.3 39.1 117.2
150 158.0 0.0 344.8

