

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010297.D
 Acq On : 14 Jun 2019 13:56
 Operator : JC/SP
 Sample : K3341-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-6-12-19

Quant Time: Jun 15 01:42:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	312957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	470241	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	421188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200793	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	141131	46.20	ug/l	0.00
Spiked Amount			Recovery	=	92.40%	
35) Dibromofluoromethane	5.50	113	142622	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
50) Toluene-d8	8.71	98	551420	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.13	95	188349	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	

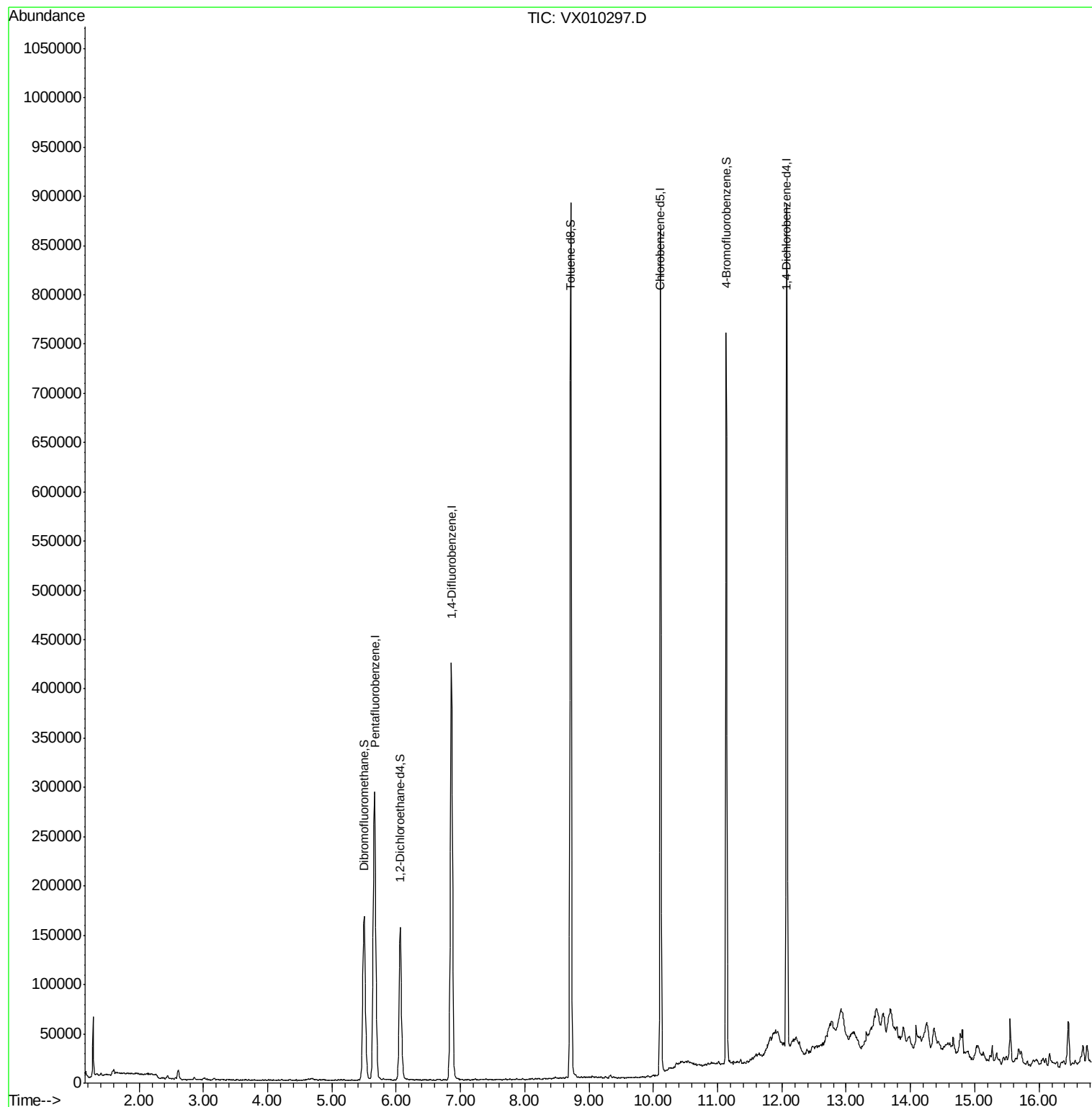
Target Compounds	Qvalue
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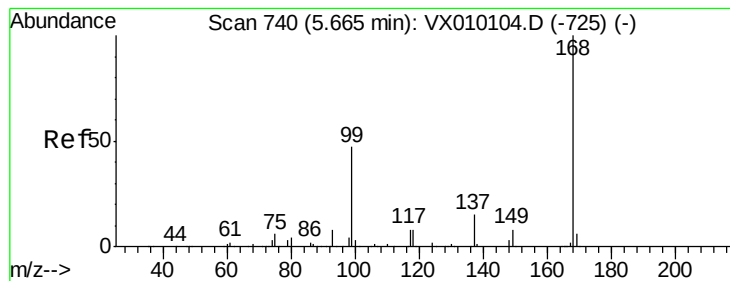
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010297.D

Acq: 14 Jun 2019 13:56

Instrument :

MSVOA_X

ClientSampled :

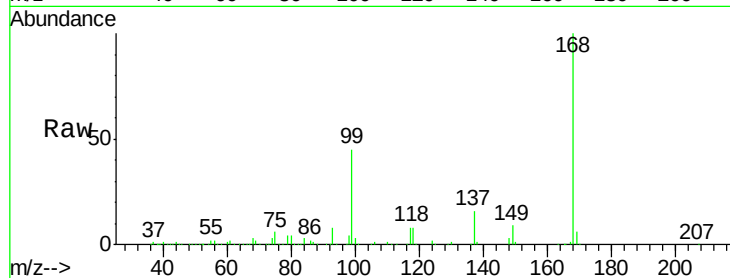
TB-6-12-19

Tot Ion:168 Resp: 312957

Ion Ratio Lower Upper

168 100

99 44.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

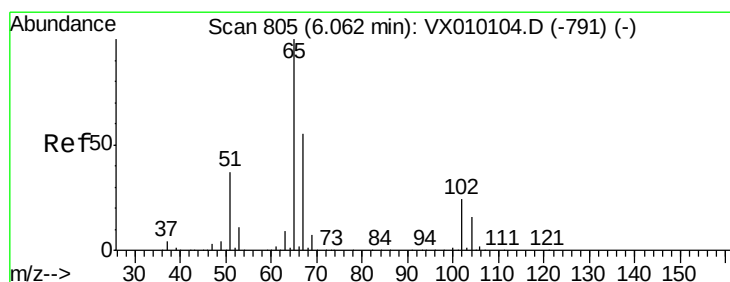
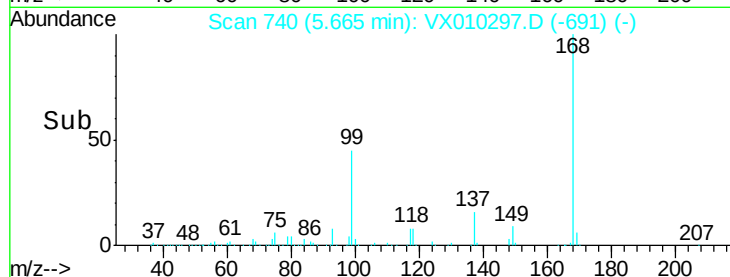
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.199 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010297.D

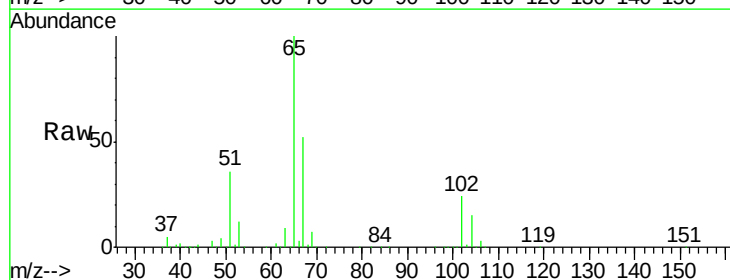
Acq: 14 Jun 2019 13:56

Tgt Ion: 65 Resp: 141131

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

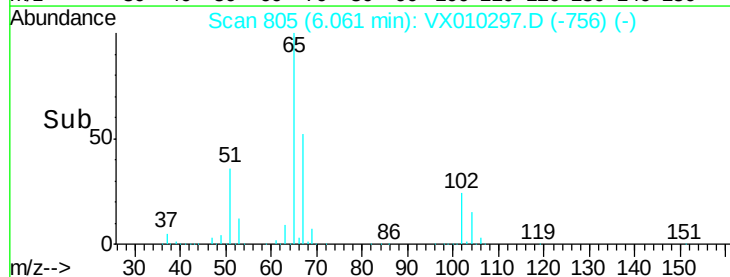
30000

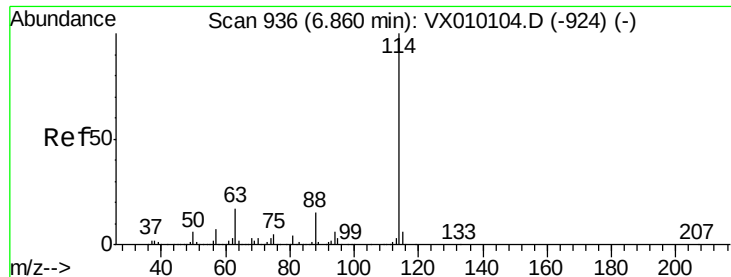
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

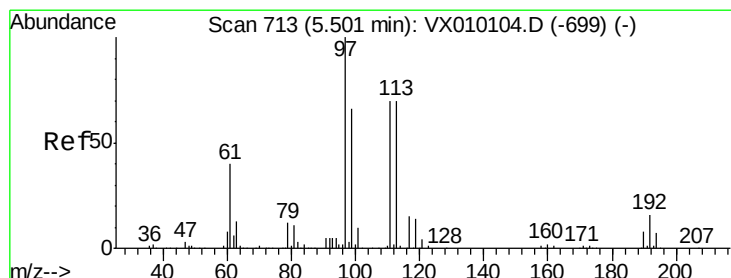
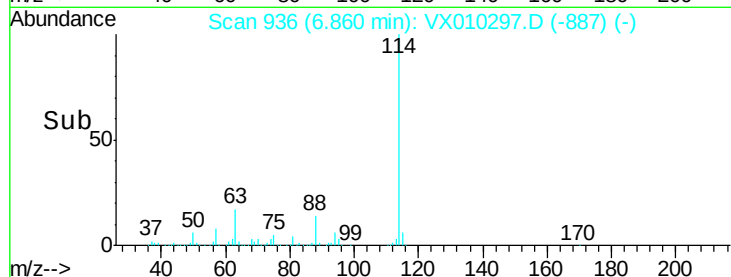
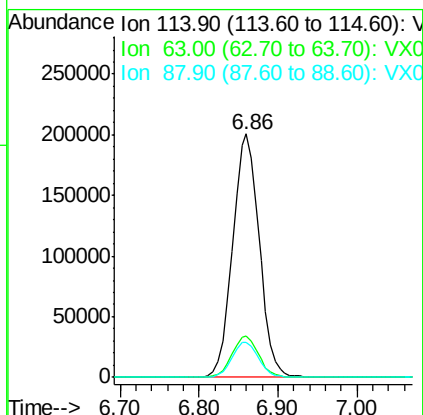
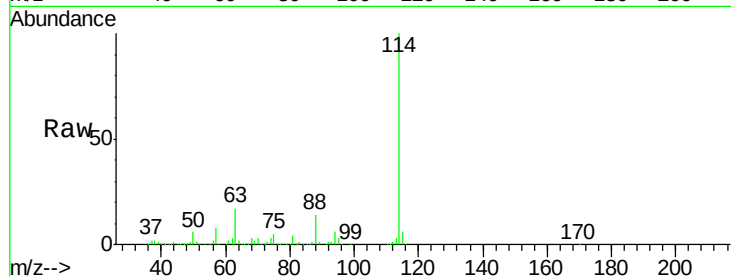




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010297.D
 Acq: 14 Jun 2019 13:56

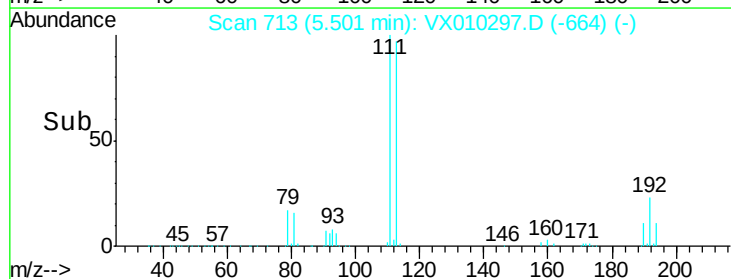
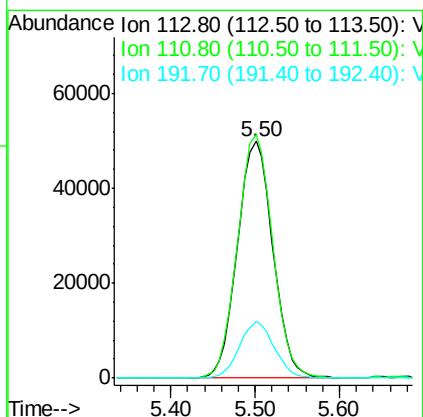
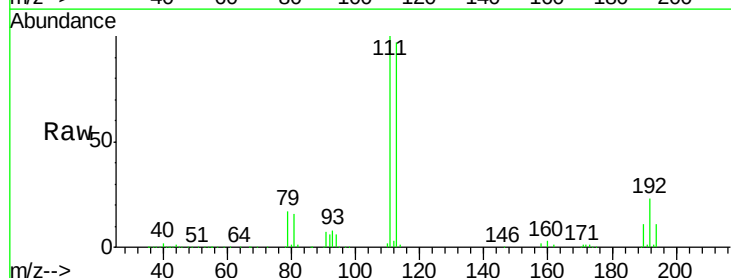
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-6-12-19

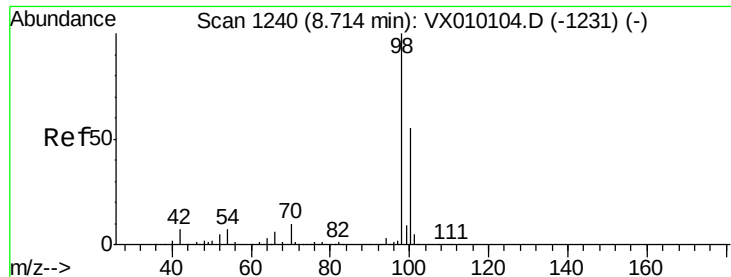
Tot Ion:114 Resp: 470241
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 47.4
 88 14.3 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 49.171 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010297.D
 Acq: 14 Jun 2019 13:56

Tgt Ion:113 Resp: 142622
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 23.2 17.1 25.7

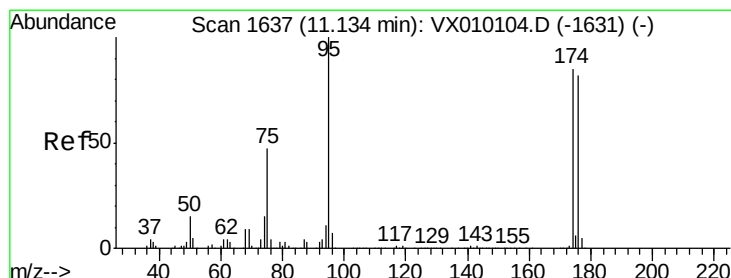
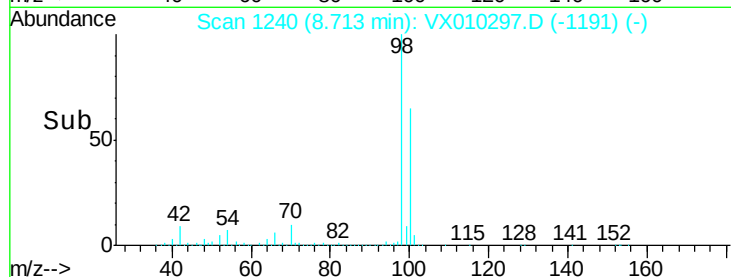
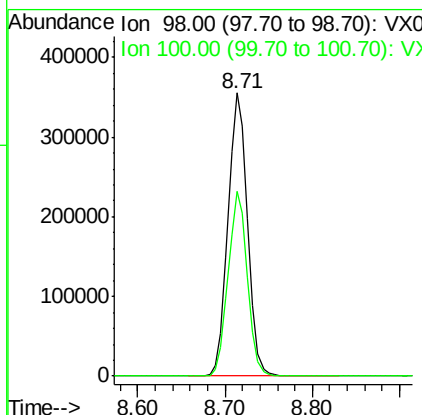
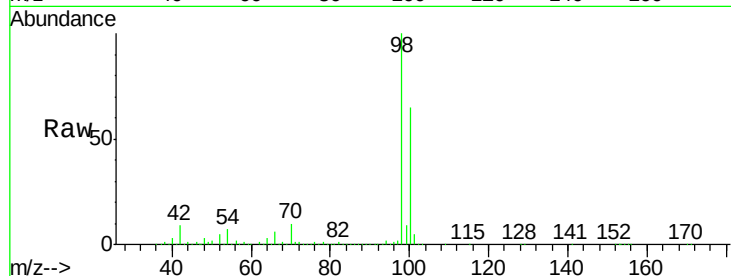




#50
Toluene-d8
Concen: 50.725 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010297.D
Acq: 14 Jun 2019 13:56

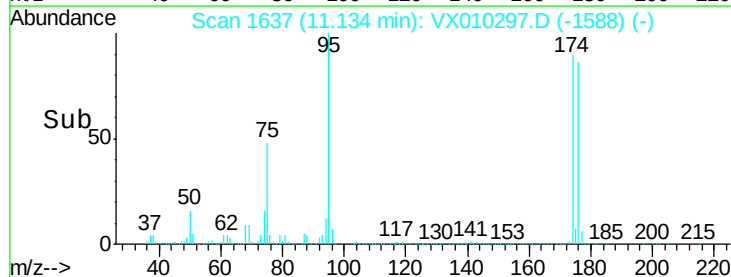
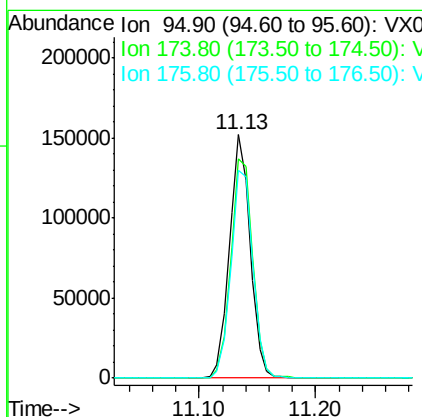
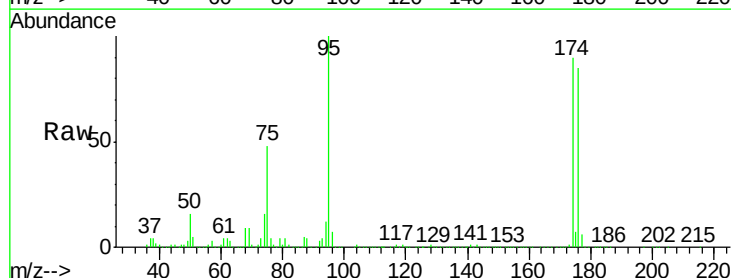
Instrument :
MSVOA_X
ClientSampleId :
TB-6-12-19

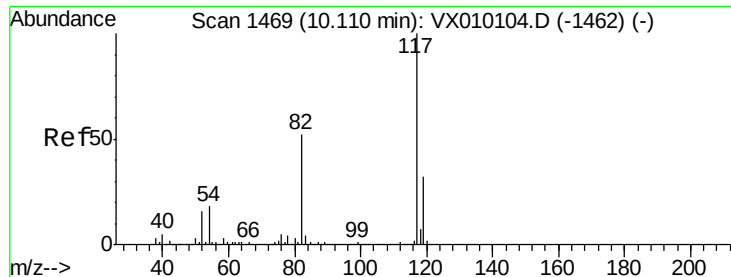
Tot Ion: 98 Resp: 551420
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.394 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010297.D
Acq: 14 Jun 2019 13:56

Tgt Ion: 95 Resp: 188349
Ion Ratio Lower Upper
95 100
174 95.9 0.0 160.4
176 91.2 0.0 154.6

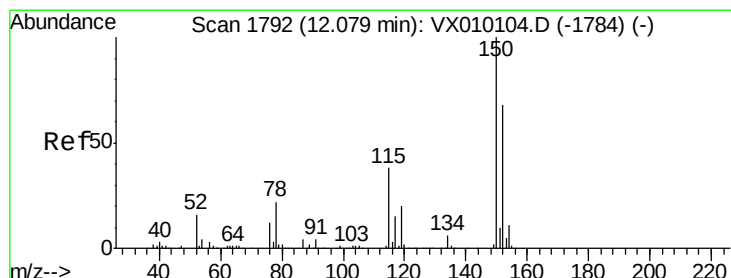
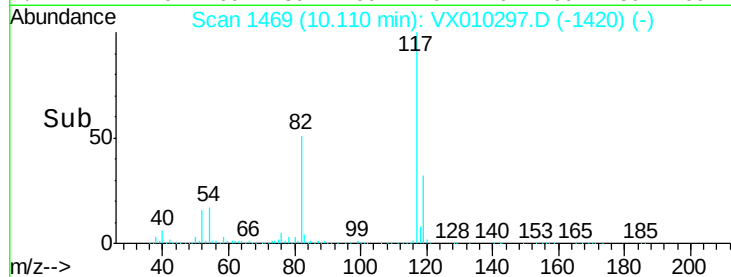
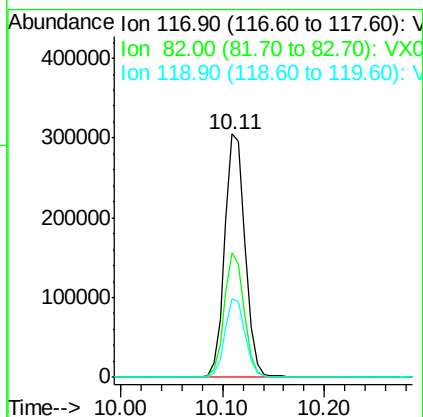
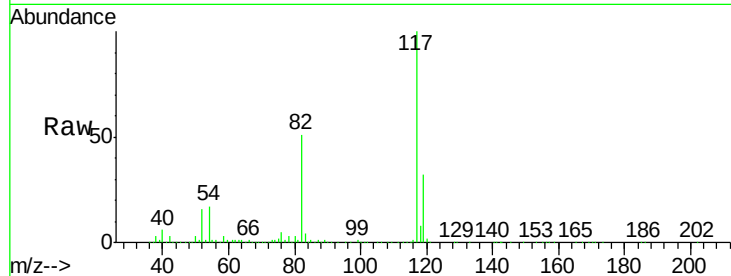




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010297.D
Acq: 14 Jun 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
TB-6-12-19

Tot Ion:117 Resp: 421188
Ion Ratio Lower Upper
117 100
82 51.0 49.2 73.8
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010297.D
Acq: 14 Jun 2019 13:56

Tgt Ion:152 Resp: 200793
Ion Ratio Lower Upper
152 100
115 54.2 41.4 124.2
150 156.9 0.0 345.2

