

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012492.D
 Acq On : 18 Sep 2019 23:11
 Operator : JC/SP
 Sample : VX0918WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBL02

Quant Time: Sep 19 08:06:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	196057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	306058	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101984	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	126996	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	
35) Dibromofluoromethane	5.49	113	91016	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	8.71	98	351027	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.14	95	125689	44.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.30%	

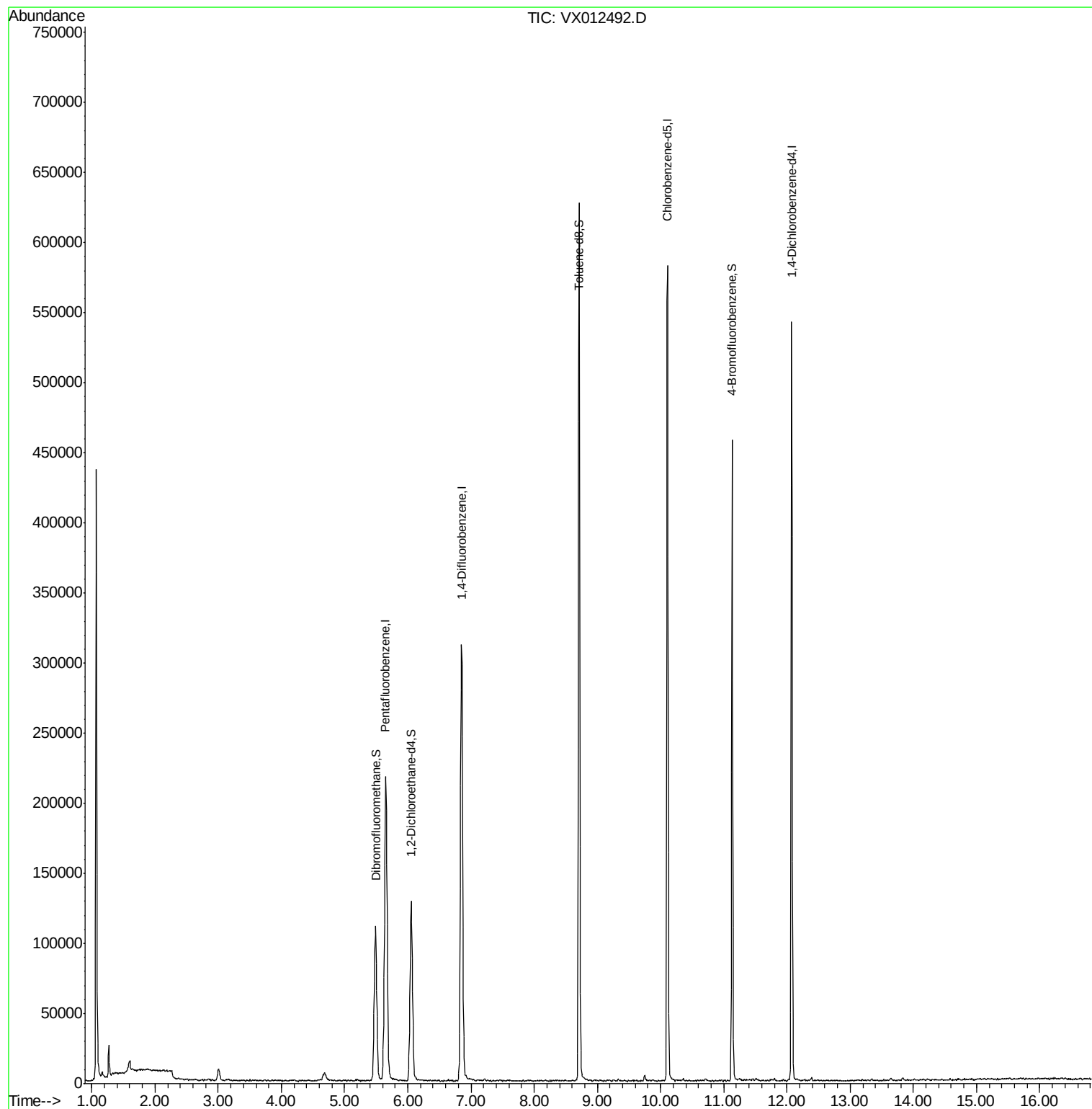
Target Compounds	Qvalue

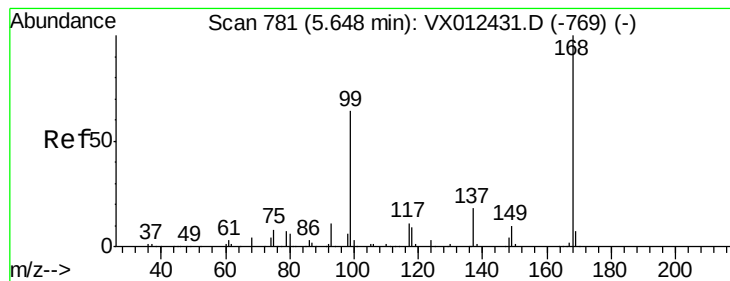
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012492.D

Acq: 18 Sep 2019 23:11

Instrument :

MSVOA_X

ClientSampled :

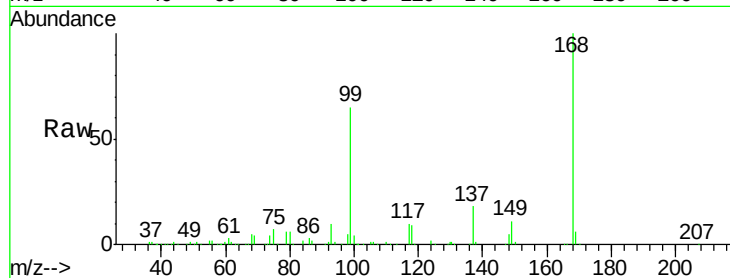
VX0918WBL02

Tot Ion:168 Resp: 196057

Ion Ratio Lower Upper

168 100

99 64.9 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

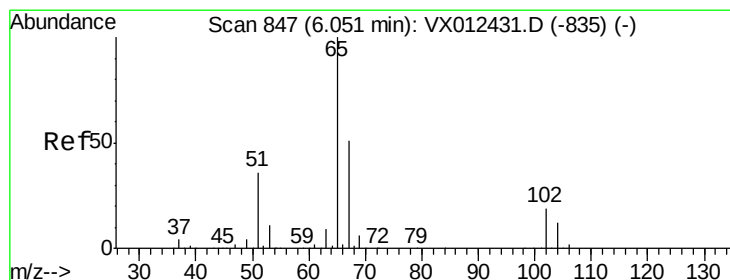
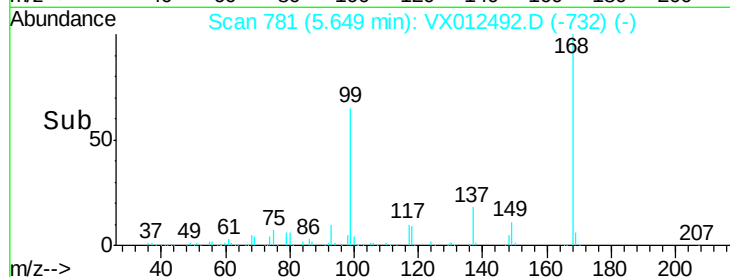
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.196 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012492.D

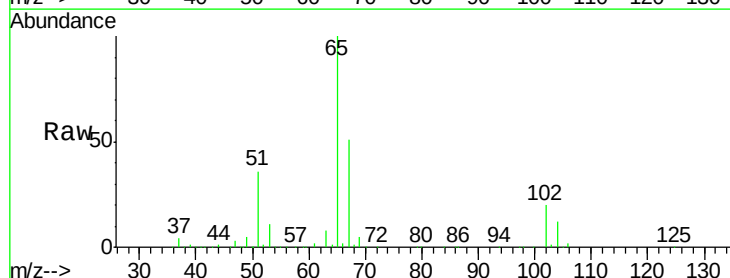
Acq: 18 Sep 2019 23:11

Tgt Ion: 65 Resp: 126996

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

50000

40000

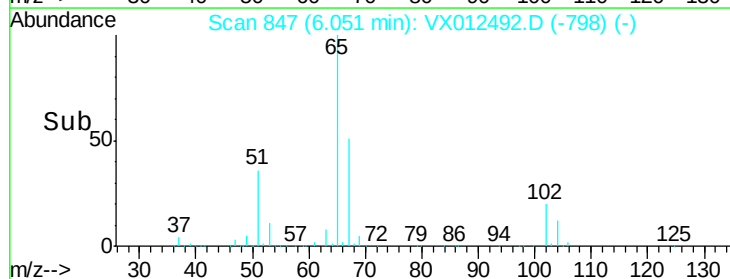
30000

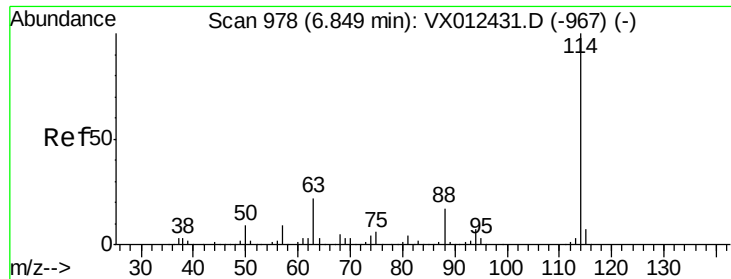
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

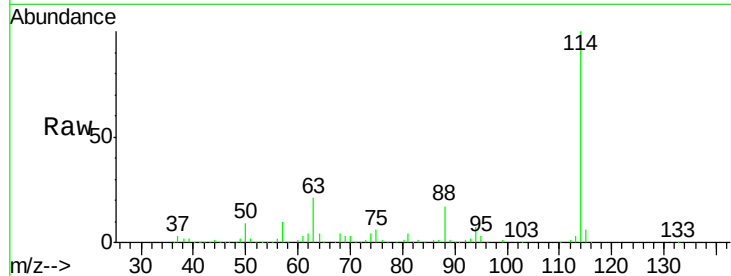




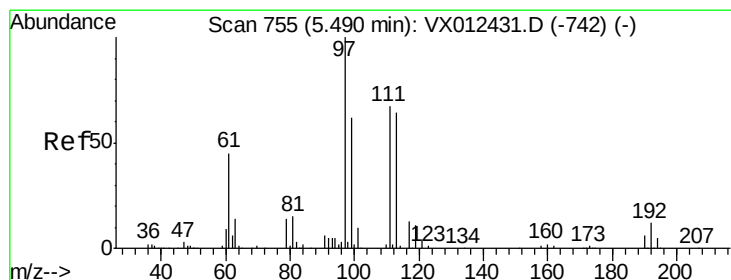
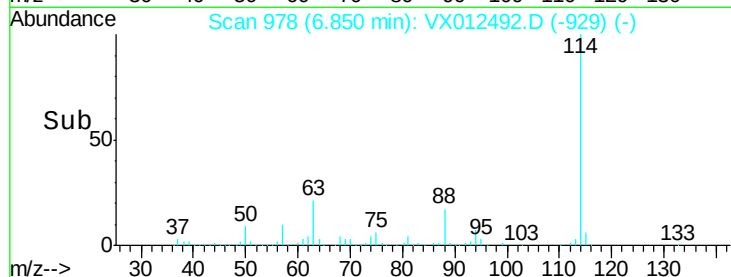
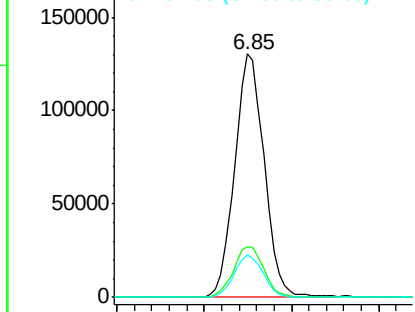
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012492.D
 Acq: 18 Sep 2019 23:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBL02

Tot Ion:114 Resp: 306058
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.2
 88 17.3 0.0 33.2

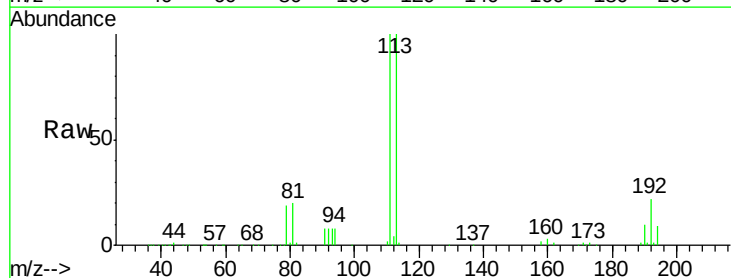


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

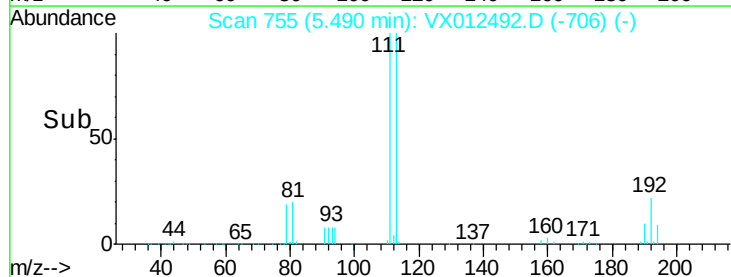
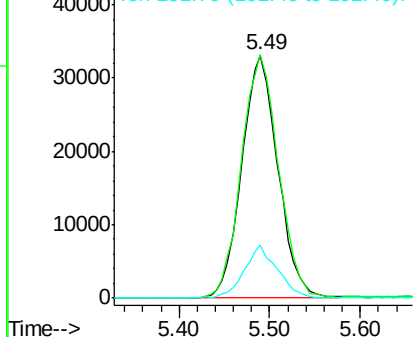


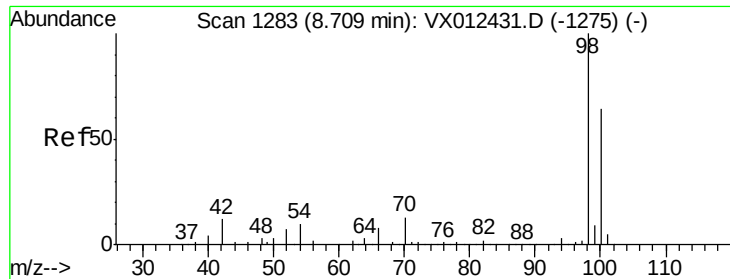
#35
 Dibromofluoromethane
 Concen: 49.133 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012492.D
 Acq: 18 Sep 2019 23:11

Tgt Ion:113 Resp: 91016
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.4 125.2
 192 19.9 14.4 21.6



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

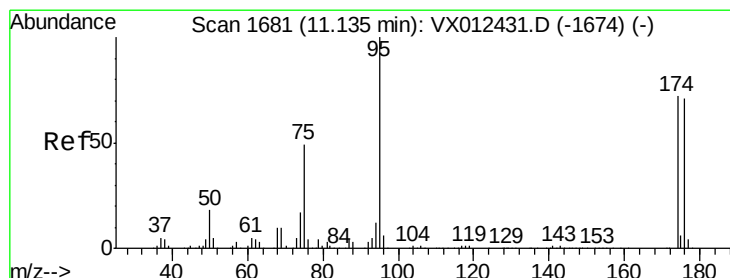
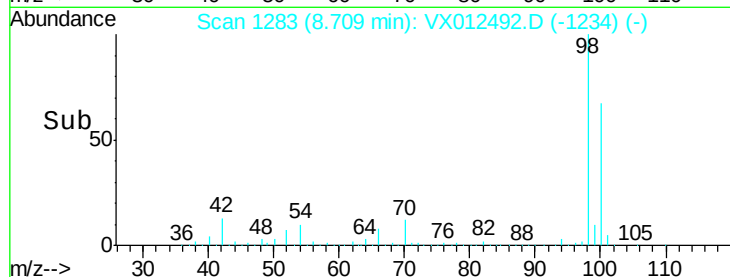
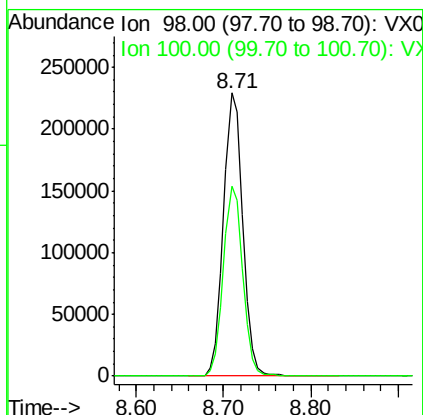
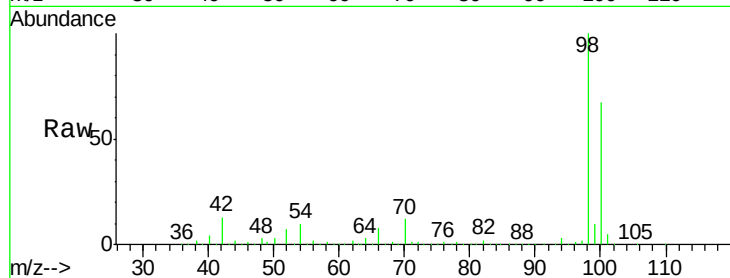




#50
Toluene-d8
Concen: 51.195 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012492.D
Acq: 18 Sep 2019 23:11

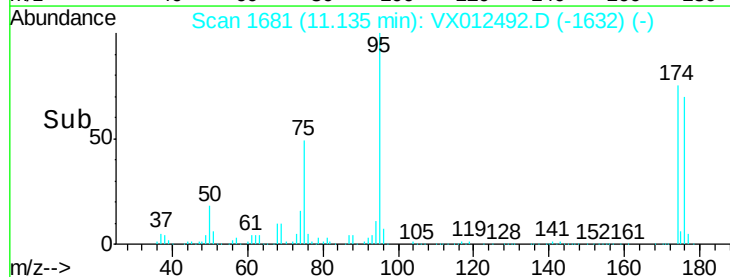
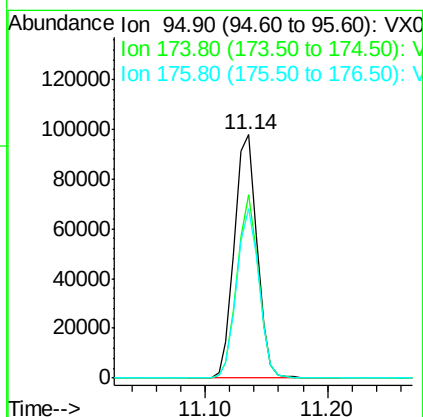
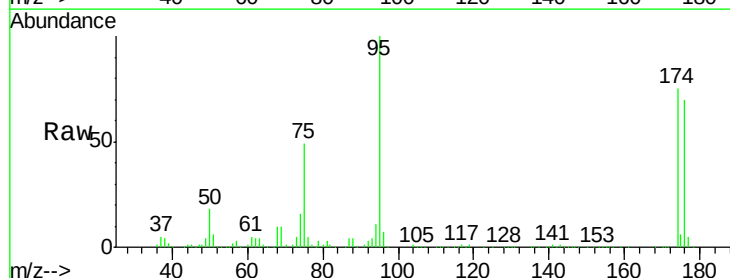
Instrument :
MSVOA_X
ClientSampled :
VX0918WBL02

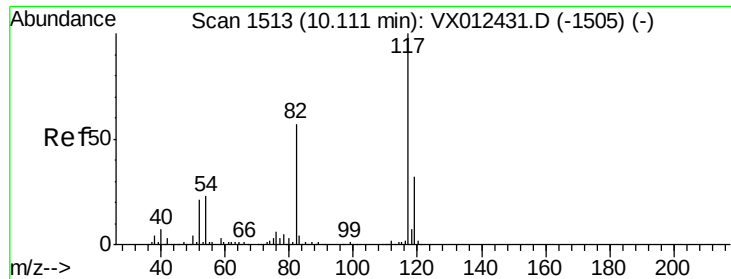
Tot Ion: 98 Resp: 351027
Ion Ratio Lower Upper
98 100
100 67.3 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 44.149 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012492.D
Acq: 18 Sep 2019 23:11

Tgt Ion: 95 Resp: 125689
Ion Ratio Lower Upper
95 100
174 71.4 0.0 140.0
176 68.5 0.0 135.4

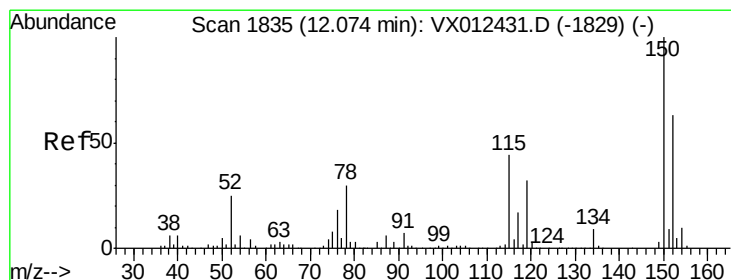
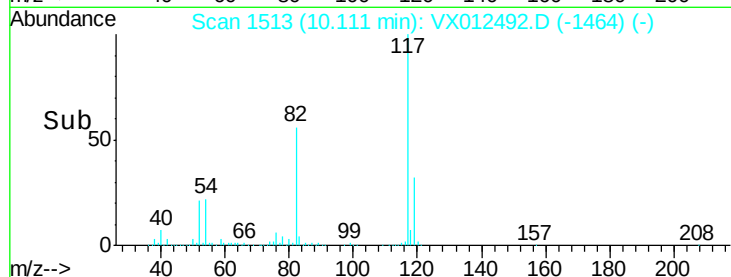
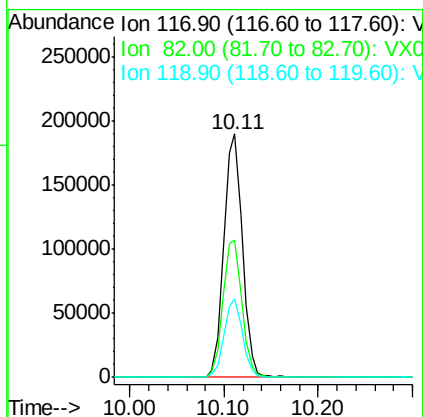
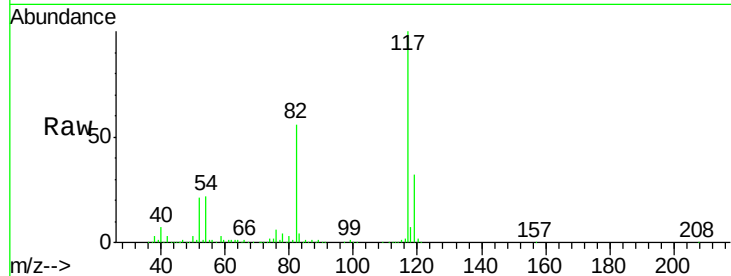




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012492.D
Acq: 18 Sep 2019 23:11

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBL02

Tot Ion:117 Resp: 259632
Ion Ratio Lower Upper
117 100
82 56.2 45.9 68.9
119 32.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012492.D
Acq: 18 Sep 2019 23:11

Tgt Ion:152 Resp: 101984
Ion Ratio Lower Upper
152 100
115 63.4 44.1 132.3
150 158.4 0.0 343.8

