

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042519\
 Data File : VX009170.D
 Acq On : 25 Apr 2019 18:16
 Operator : JC/SP
 Sample : K2566-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0015

Quant Time: Apr 26 10:22:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	204842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	328708	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	285769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117549	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	136265	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
35) Dibromofluoromethane	5.50	113	100879	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	8.71	98	412305	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.13	95	134534	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	

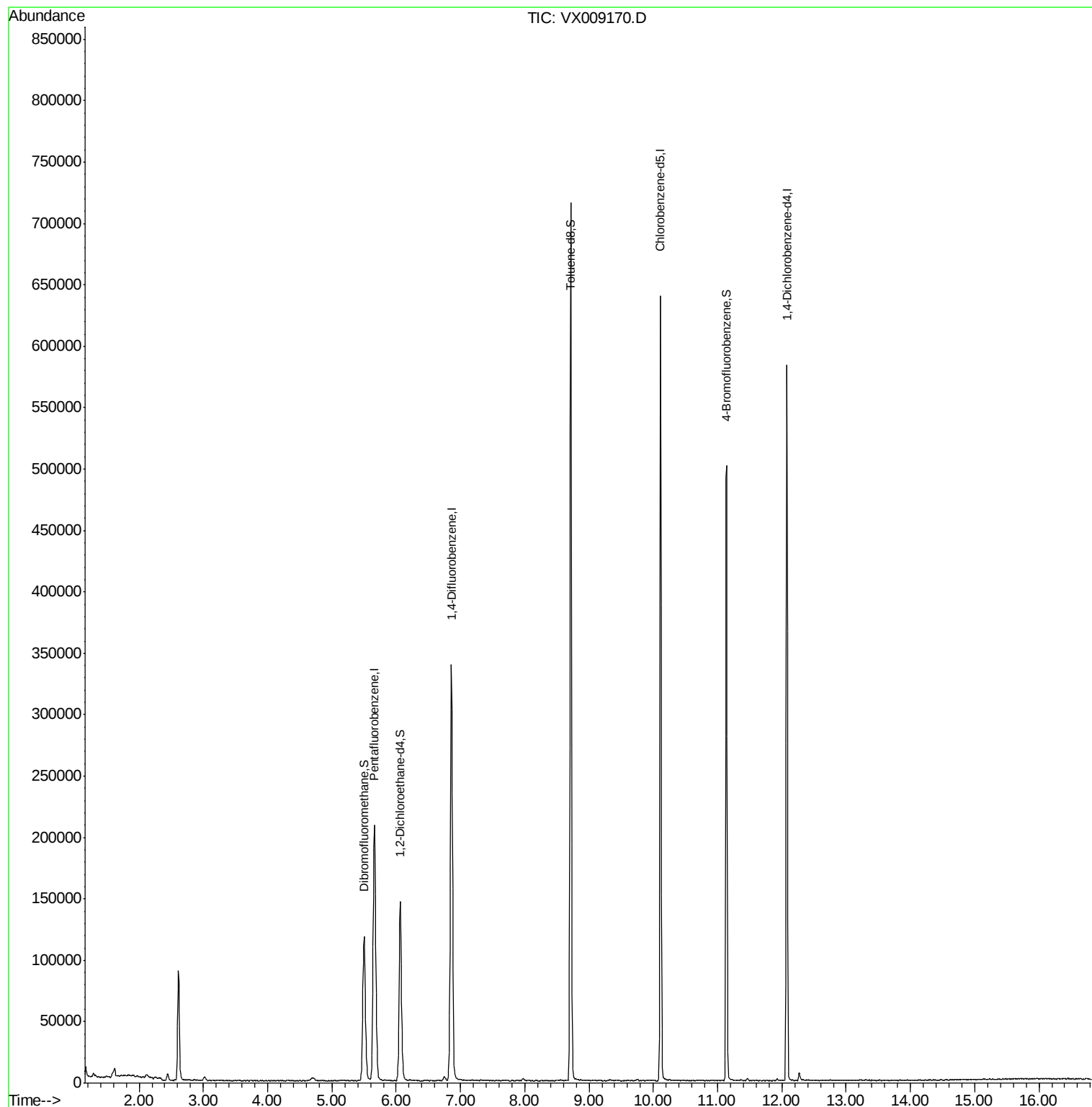
Target Compounds	Qvalue

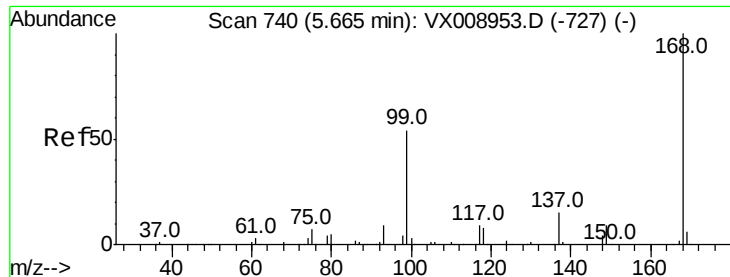
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009170.D

Acq: 25 Apr 2019 18:16

Instrument :

MSVOA_X

ClientSampleId :

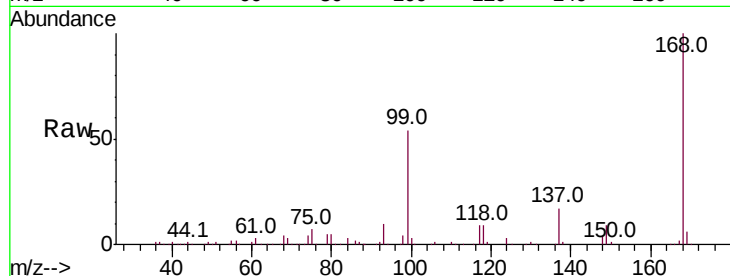
S37-0015

Tot Ion:168 Resp: 204842

Ion Ratio Lower Upper

168 100

99 53.6 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

80000

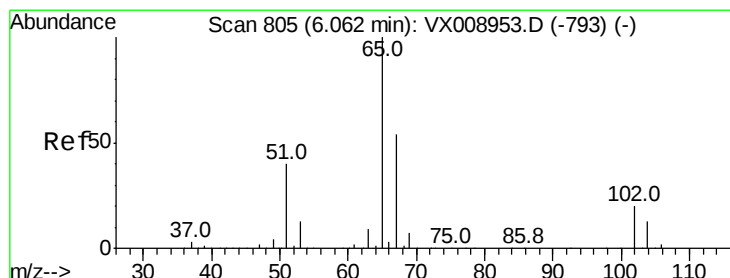
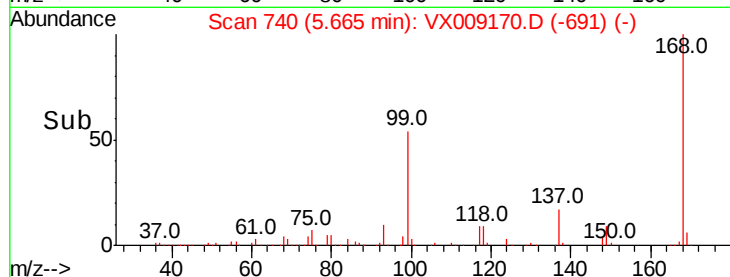
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.203 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009170.D

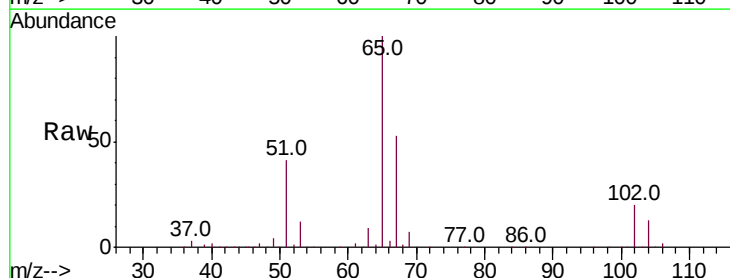
Acq: 25 Apr 2019 18:16

Tgt Ion: 65 Resp: 136265

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

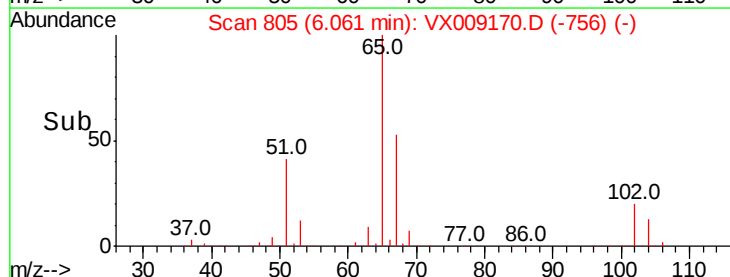
30000

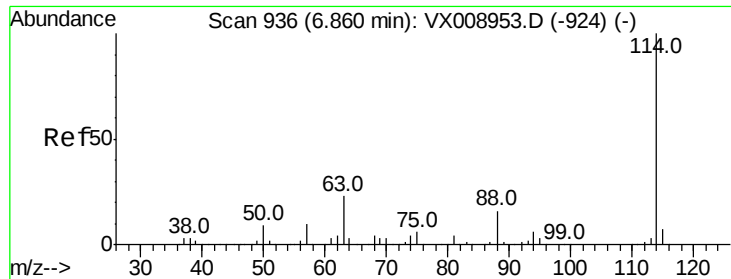
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

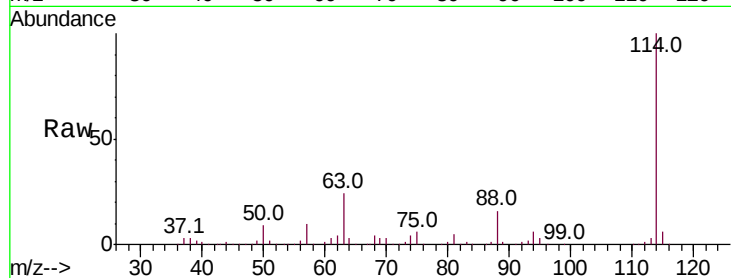




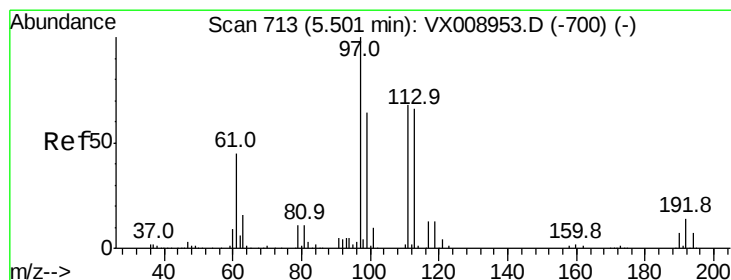
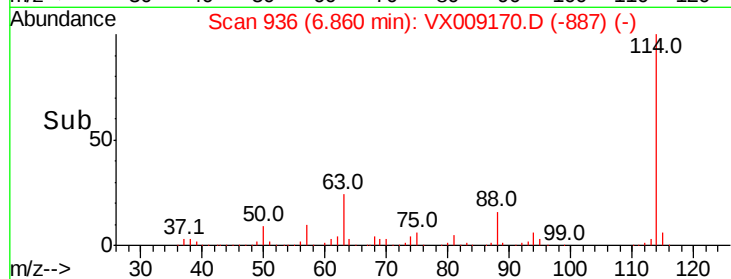
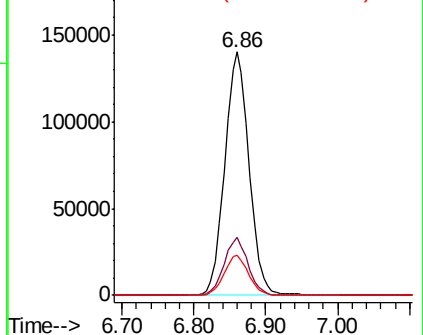
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009170.D
 Acq: 25 Apr 2019 18:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0015

Tot Ion:114 Resp: 328708
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 46.0
 88 16.3 0.0 32.6

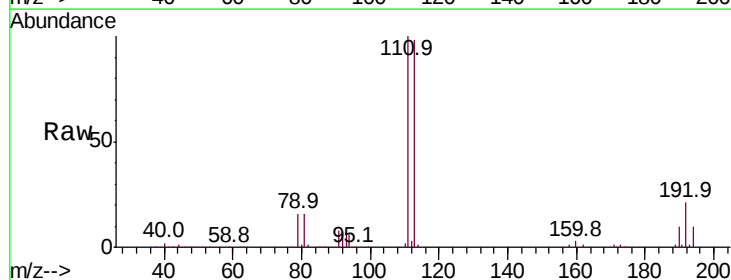


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

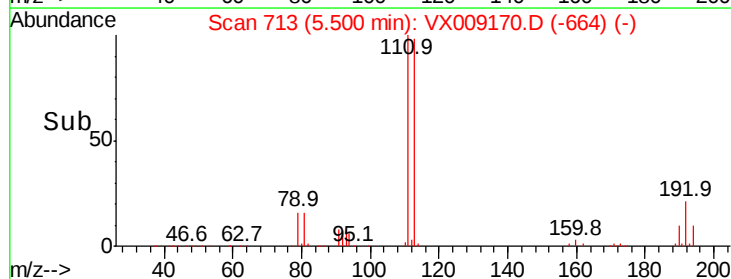
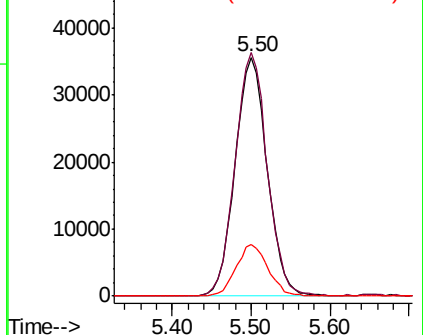


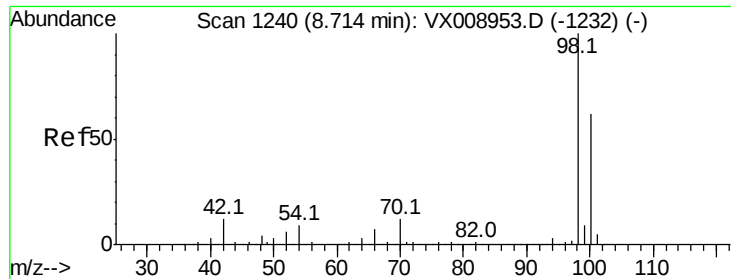
#35
 Dibromofluoromethane
 Concen: 47.820 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009170.D
 Acq: 25 Apr 2019 18:16

Tgt Ion:113 Resp: 100879
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.9 124.3
 192 21.4 17.4 26.0



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

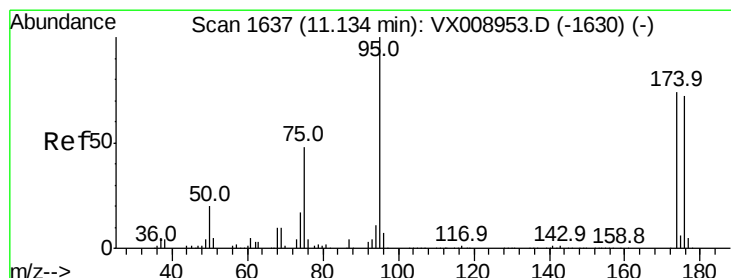
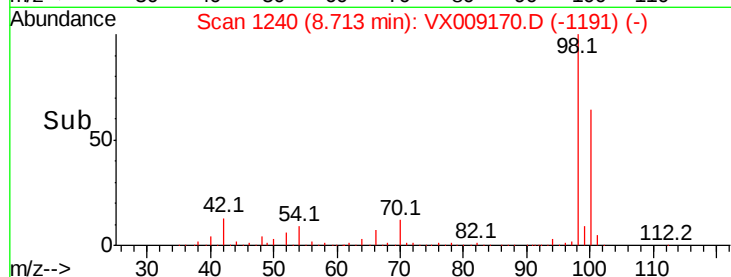
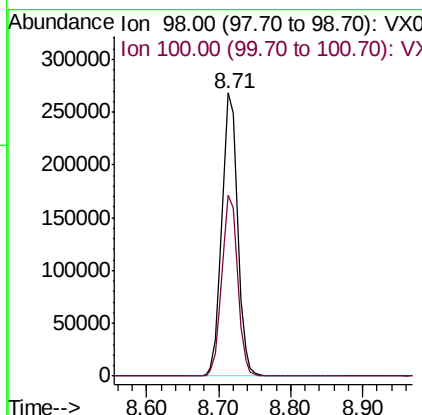
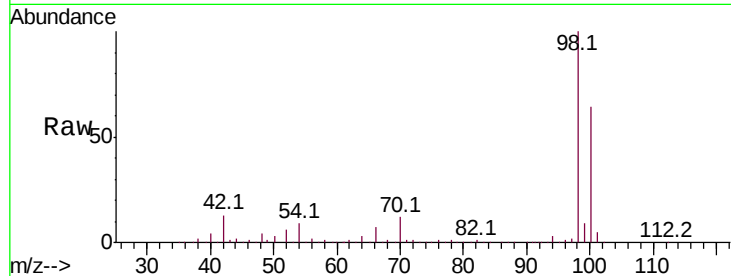




#50
Toluene-d8
Concen: 49.008 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009170.D
Acq: 25 Apr 2019 18:16

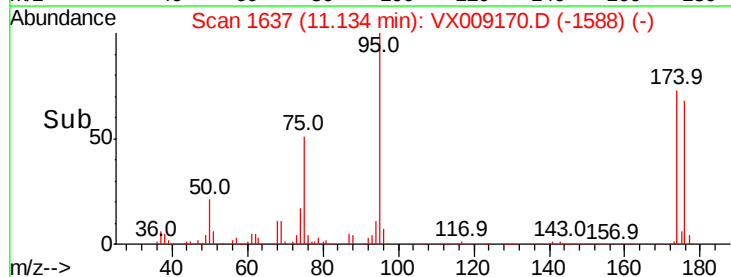
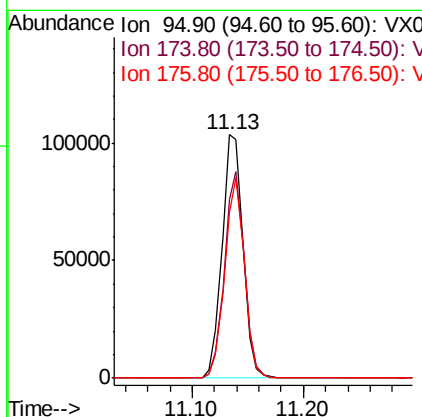
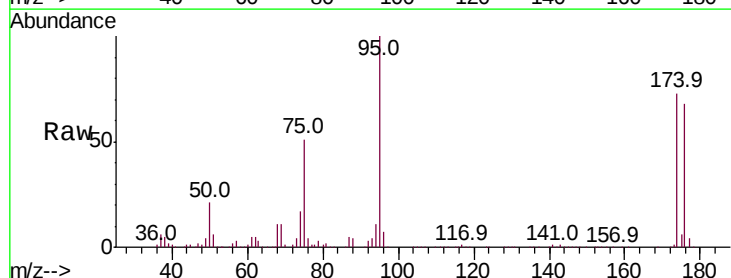
Instrument :
MSVOA_X
ClientSampleId :
S37-0015

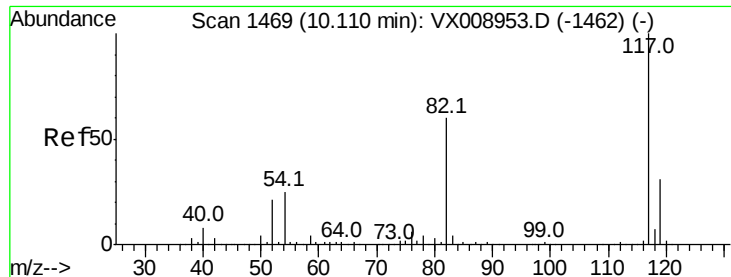
Tot Ion: 98 Resp: 412305
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 45.300 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009170.D
Acq: 25 Apr 2019 18:16

Tgt Ion: 95 Resp: 134534
Ion Ratio Lower Upper
95 100
174 80.6 0.0 159.6
176 77.6 0.0 154.8

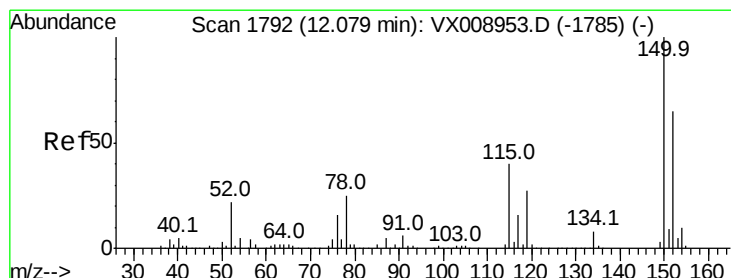
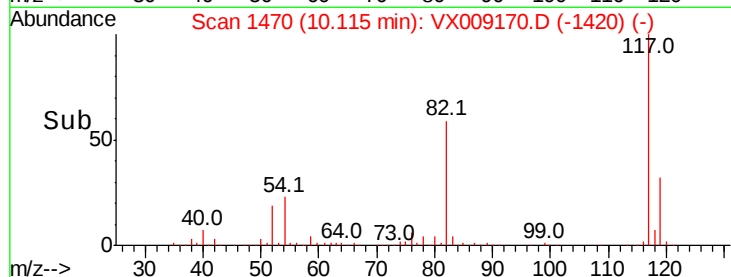
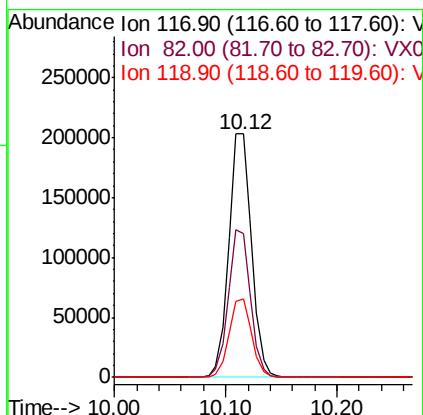
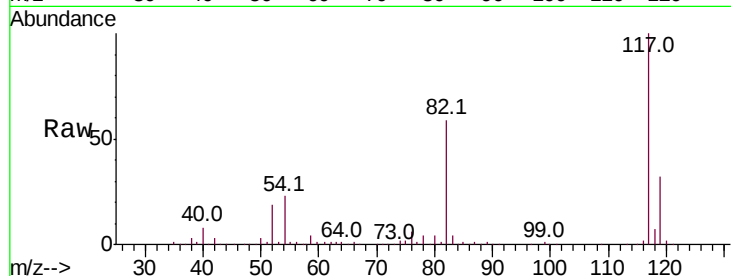




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009170.D
Acq: 25 Apr 2019 18:16

Instrument :
MSVOA_X
ClientSampled :
S37-0015

Tot Ion:117 Resp: 285769
Ion Ratio Lower Upper
117 100
82 59.2 48.2 72.4
119 32.4 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009170.D
Acq: 25 Apr 2019 18:16

Tgt Ion:152 Resp: 117549
Ion Ratio Lower Upper
152 100
115 59.1 41.4 124.2
150 156.9 0.0 349.8

