

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041319\
 Data File : VX008938.D
 Acq On : 13 Apr 2019 17:42
 Operator : JC/SP
 Sample : K2385-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036PZ100-190411

Quant Time: Apr 15 13:08:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	198236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	317914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109497	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	128602	44.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.96%	
35) Dibromofluoromethane	5.50	113	94689	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
50) Toluene-d8	8.71	98	393532	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.13	95	126788	44.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.36%	

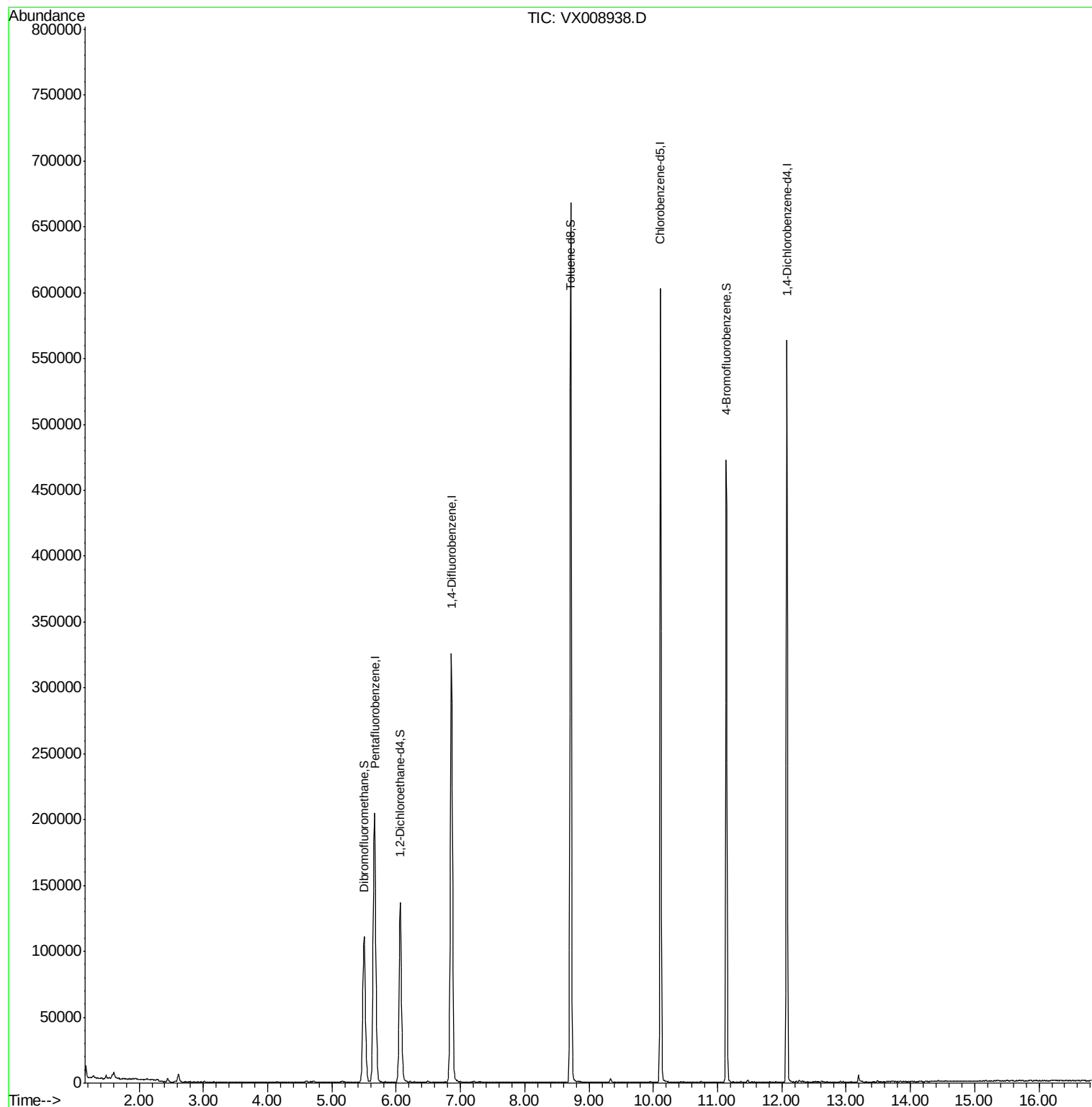
Target Compounds	Qvalue
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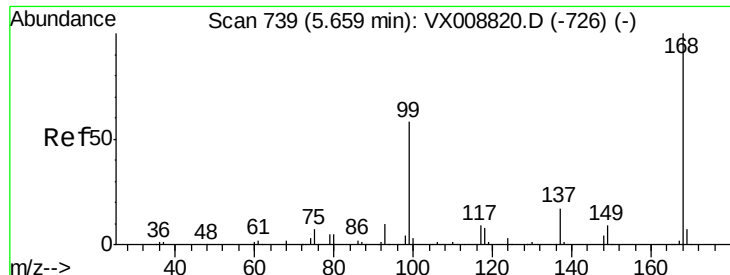
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008938.D

Acq: 13 Apr 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

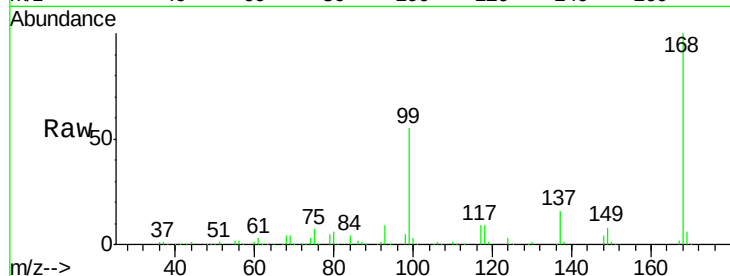
SS036PZ100-190411

Tot Ion:168 Resp: 198236

Ion Ratio Lower Upper

168 100

99 54.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

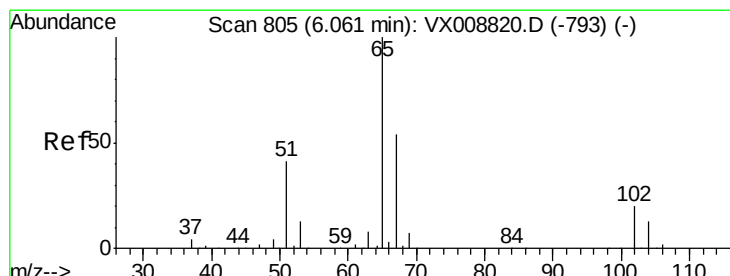
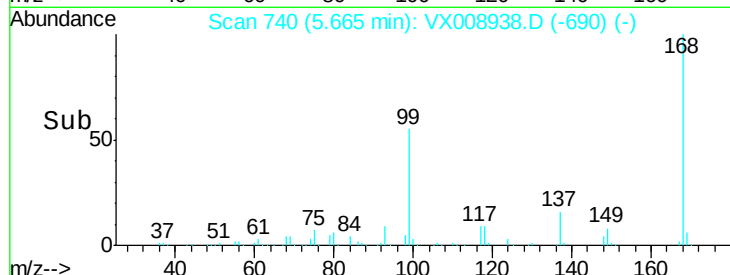
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 44.478 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008938.D

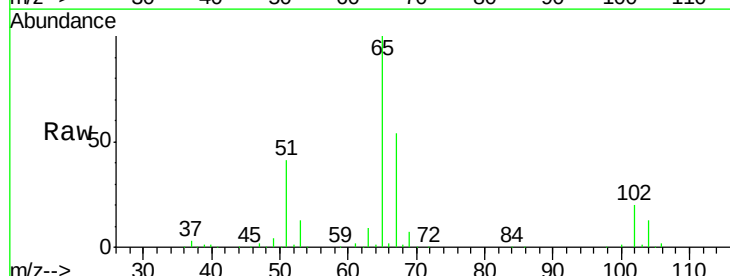
Acq: 13 Apr 2019 17:42

Tgt Ion: 65 Resp: 128602

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

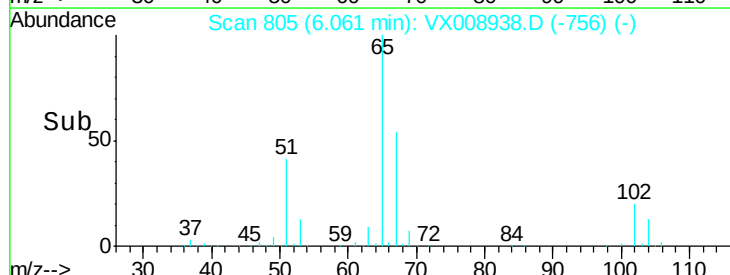
30000

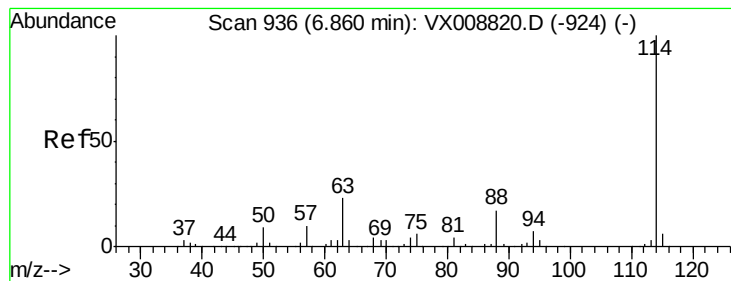
20000

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: VX008938.D

Acq: 13 Apr 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

SS036PZ100-190411

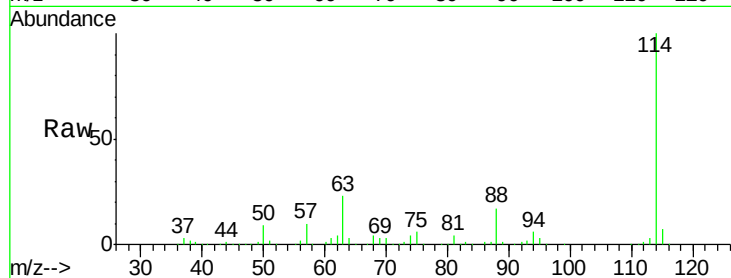
Tot Ion:114 Resp: 317914

Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.2

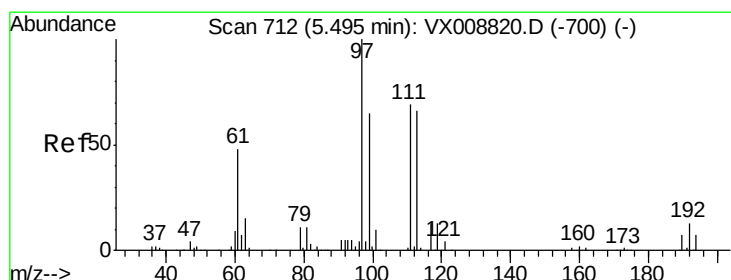
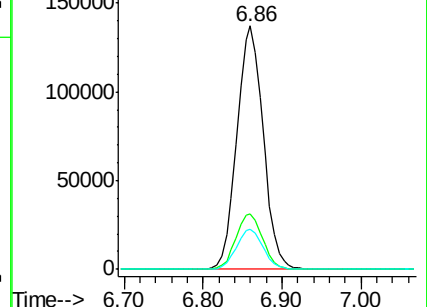
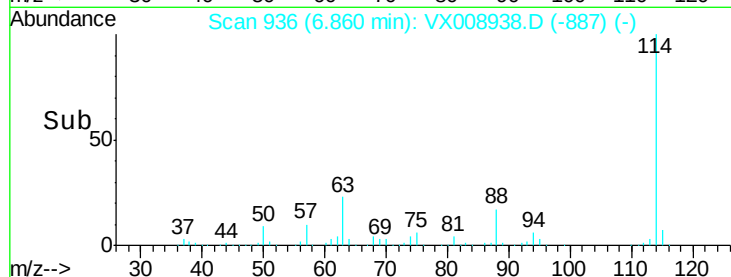
88 16.5 0.0 34.0



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: 46.585 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008938.D

Acq: 13 Apr 2019 17:42

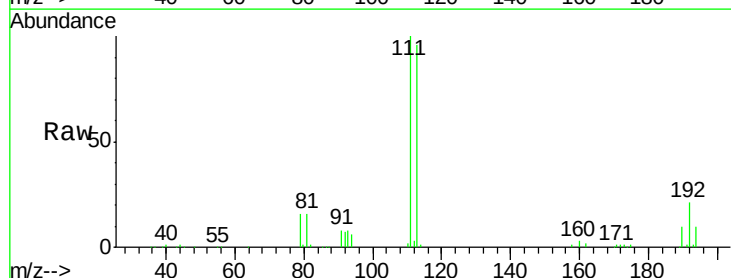
Tgt Ion:113 Resp: 94689

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

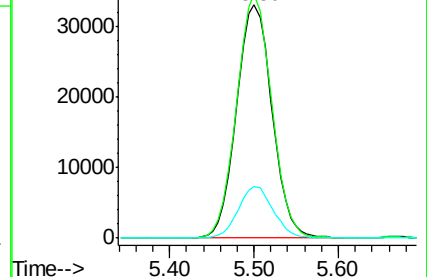
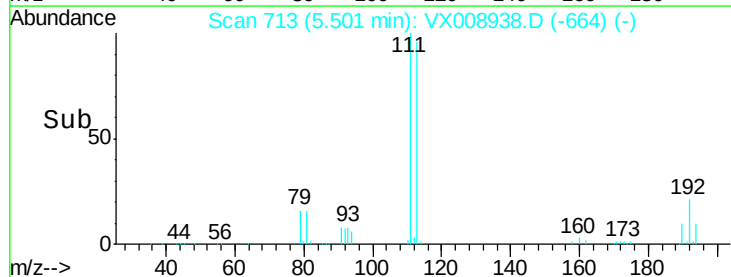
192 21.6 16.1 24.1

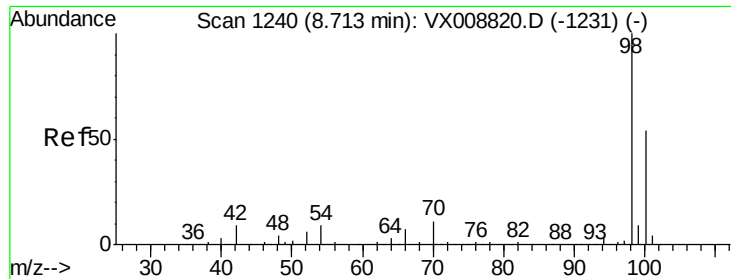


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

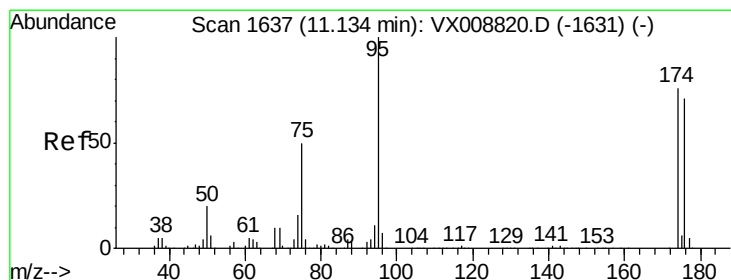
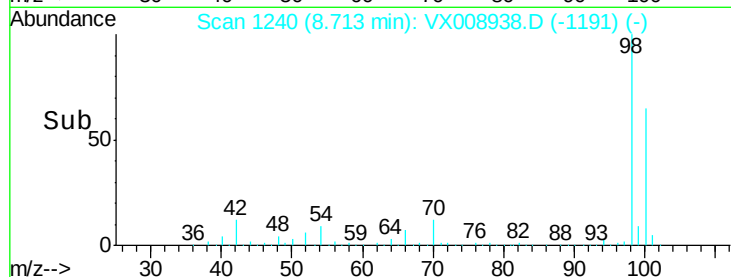
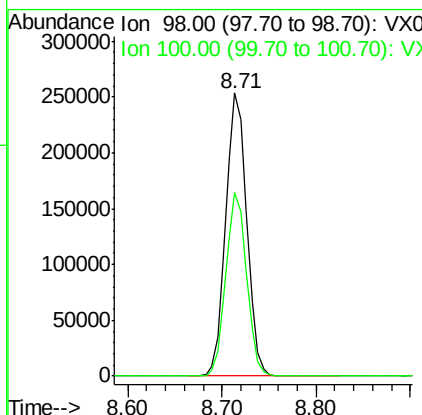
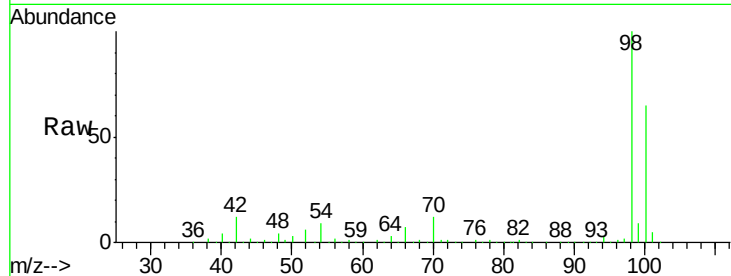




#50
Toluene-d8
Concen: 48.624 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008938.D
Acq: 13 Apr 2019 17:42

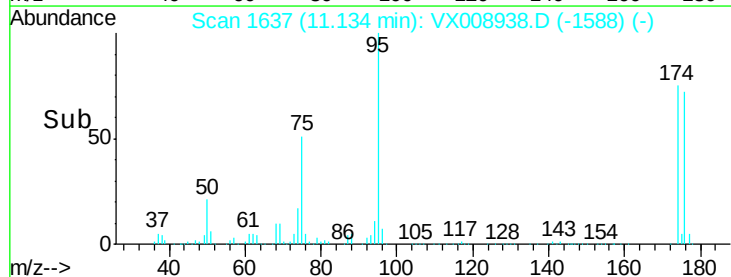
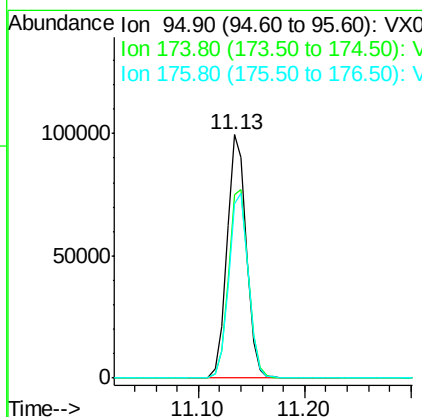
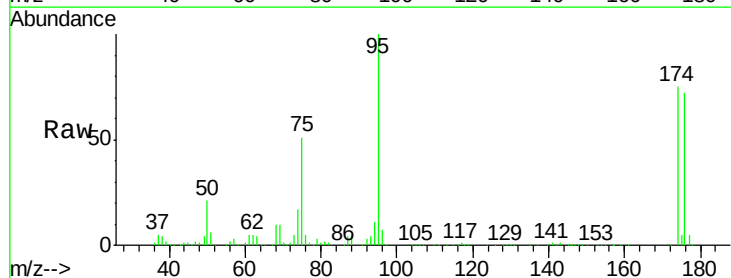
Instrument :
MSVOA_X
ClientSampleId :
SS036PZ100-190411

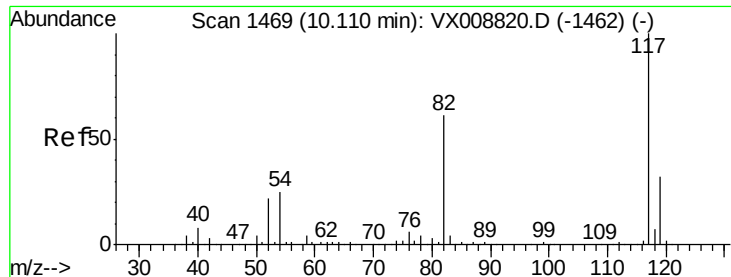
Tot Ion: 98 Resp: 393532
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.177 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008938.D
Acq: 13 Apr 2019 17:42

Tgt Ion: 95 Resp: 126788
Ion Ratio Lower Upper
95 100
174 79.8 0.0 151.8
176 77.4 0.0 145.8

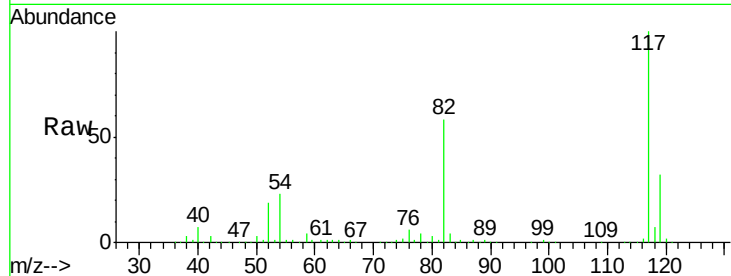




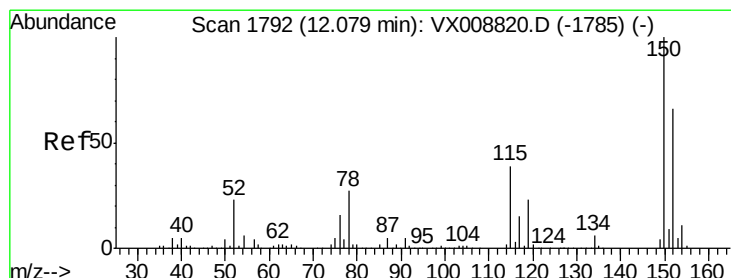
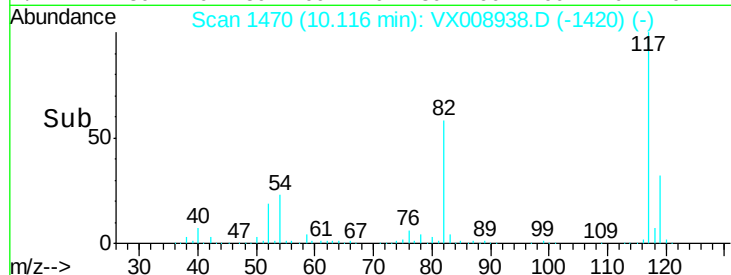
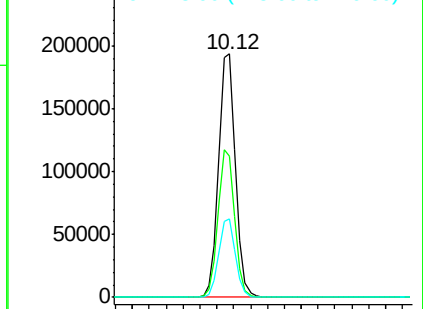
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008938.D
Acq: 13 Apr 2019 17:42

Instrument :
MSVOA_X
ClientSampleId :
SS036PZ100-190411

Tot Ion:117 Resp: 268504
Ion Ratio Lower Upper
117 100
82 58.2 49.6 74.4
119 32.1 25.0 37.4

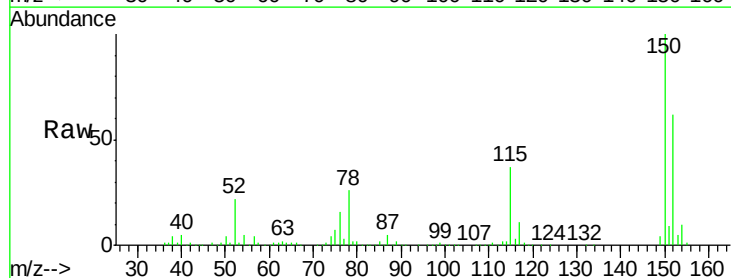


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008938.D
Acq: 13 Apr 2019 17:42

Tgt Ion:152 Resp: 109497
Ion Ratio Lower Upper
152 100
115 59.1 43.5 130.5
150 159.1 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

