

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009033.D
 Acq On : 18 Apr 2019 10:53
 Operator : JC/SP
 Sample : VX0418WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBL01

Quant Time: Apr 19 04:40:24 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	255905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	411748	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	359177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157905	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	167761	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
35) Dibromofluoromethane	5.50	113	122516	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
50) Toluene-d8	8.71	98	518074	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.13	95	174788	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	

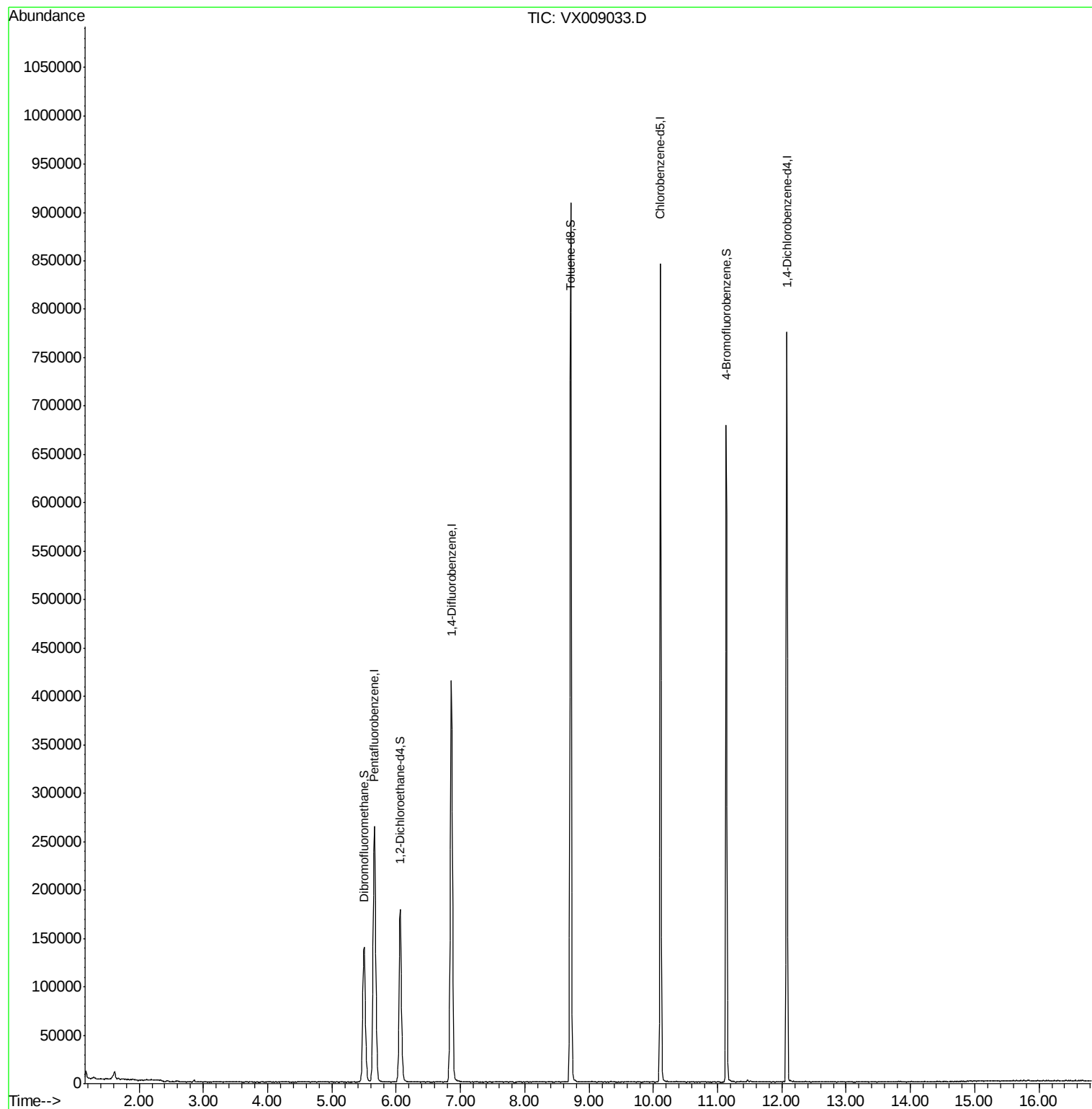
Target Compounds	Qvalue
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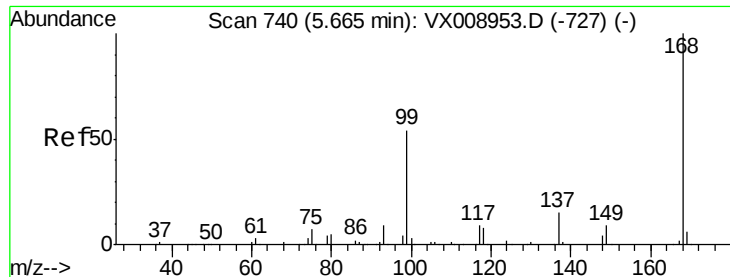
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :
VX0418WBL01

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
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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: VX009033.D

Acq: 18 Apr 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

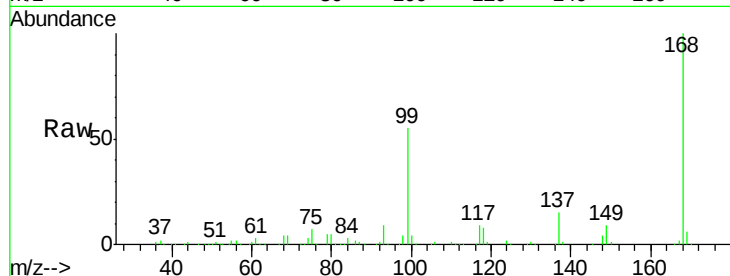
VX0418WBL01

Tot Ion:168 Resp: 255905

Ion Ratio Lower Upper

168 100

99 55.2 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

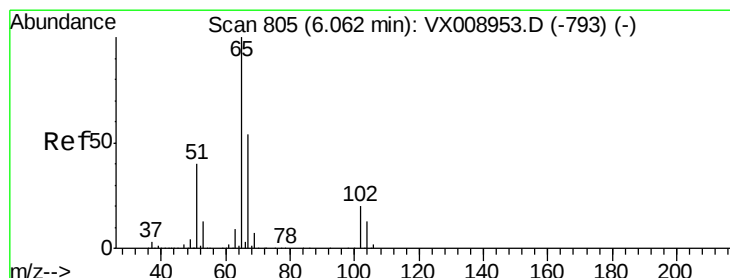
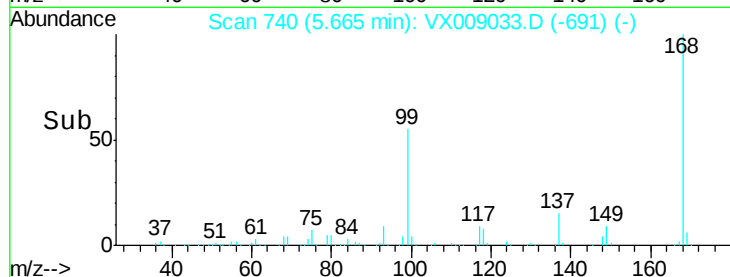
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.517 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009033.D

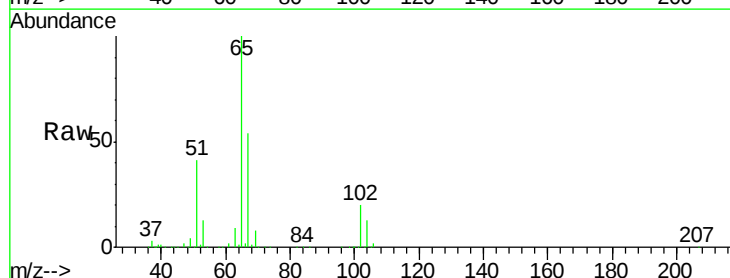
Acq: 18 Apr 2019 10:53

Tgt Ion: 65 Resp: 167761

Ion Ratio Lower Upper

65 100

67 54.5 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

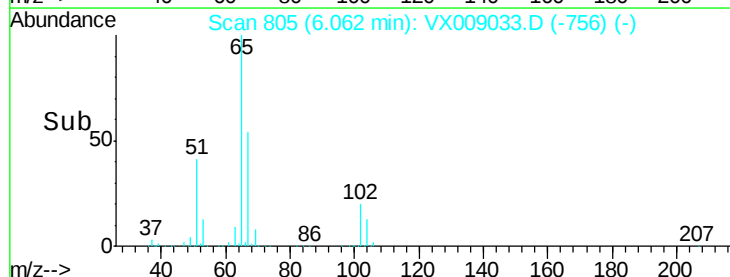
60000

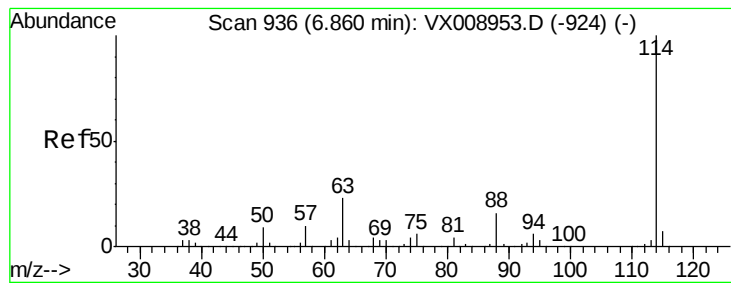
40000

20000

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: VX009033.D

Acq: 18 Apr 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBL01

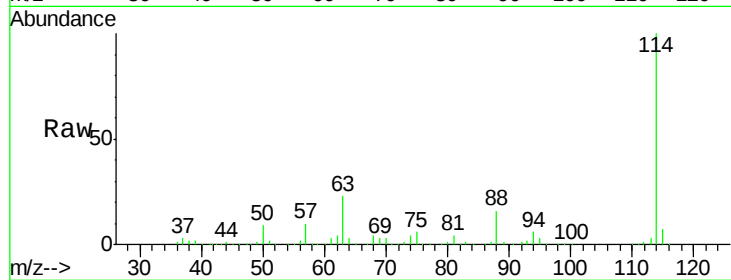
Tot Ion:114 Resp: 411748

Ion Ratio Lower Upper

114 100

63 22.9 0.0 46.0

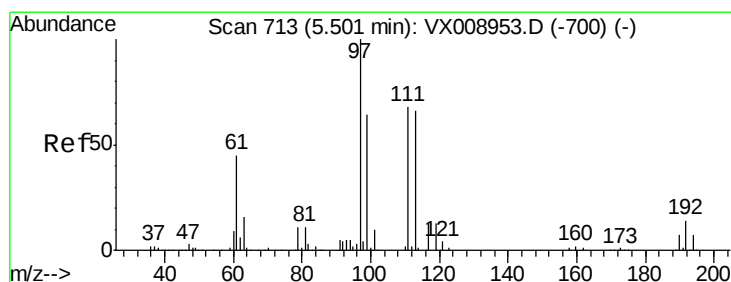
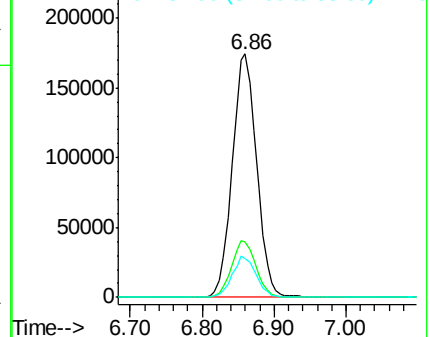
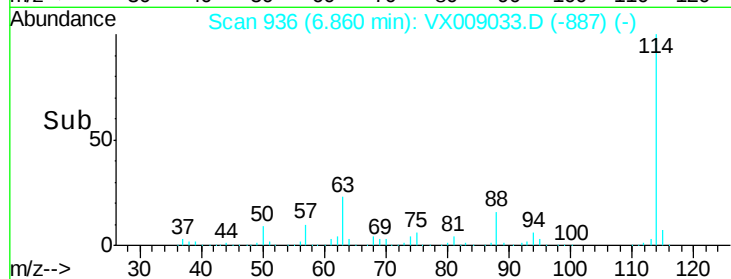
88 15.9 0.0 32.6



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: 46.364 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009033.D

Acq: 18 Apr 2019 10:53

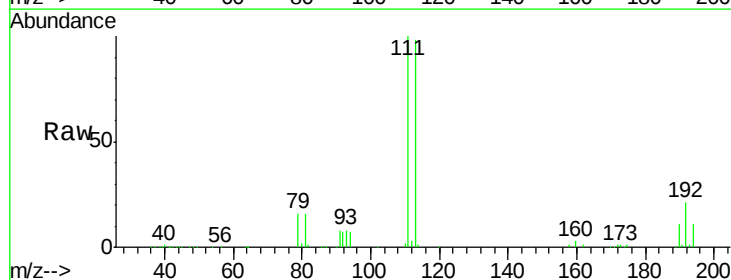
Tgt Ion:113 Resp: 122516

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

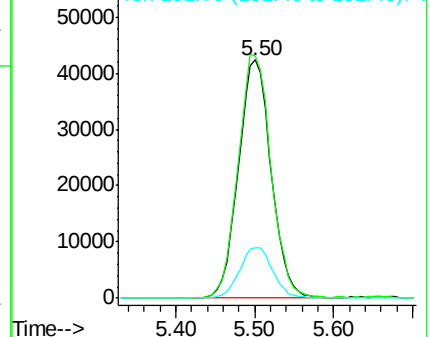
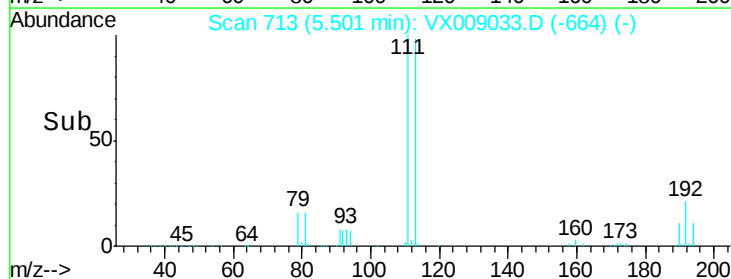
192 21.6 17.4 26.0

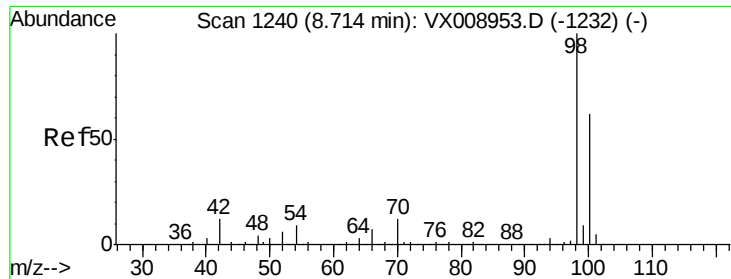


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.160 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009033.D

Acq: 18 Apr 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

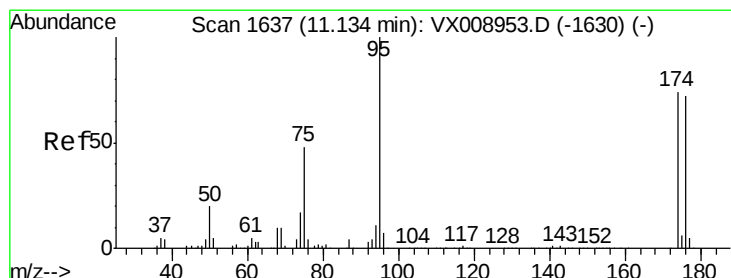
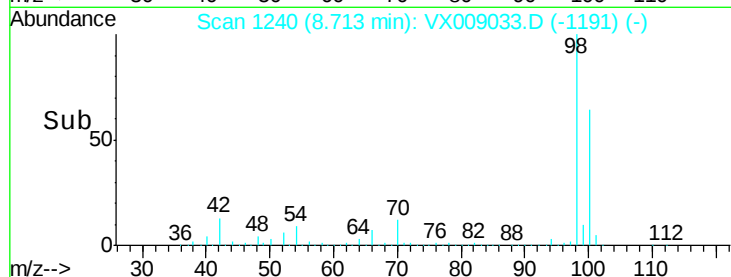
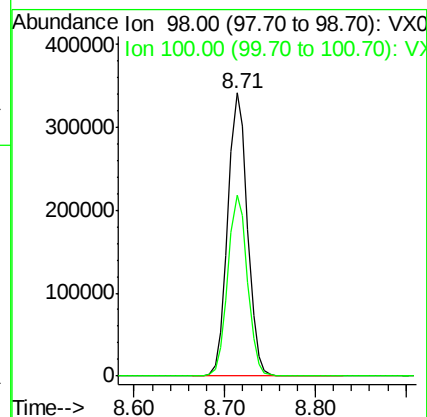
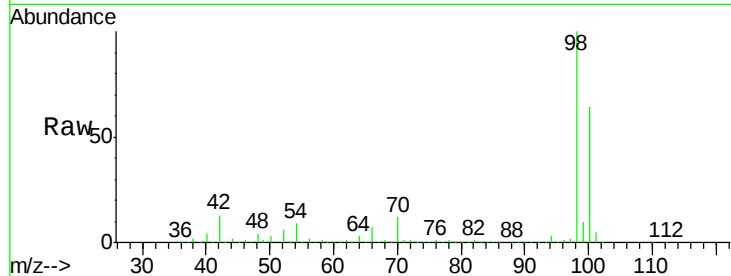
VX0418WBL01

Tot Ion: 98 Resp: 518074

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 46.985 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009033.D

Acq: 18 Apr 2019 10:53

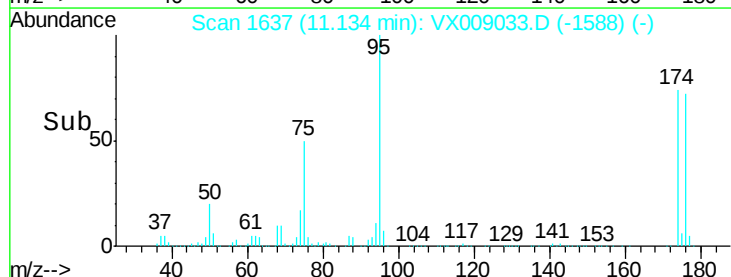
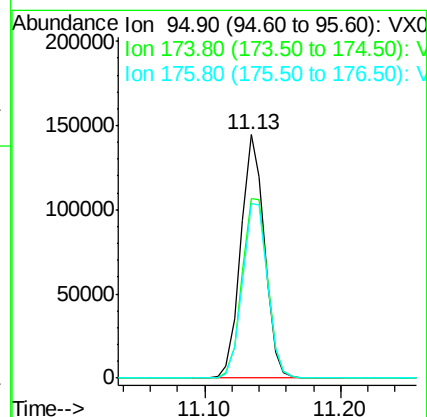
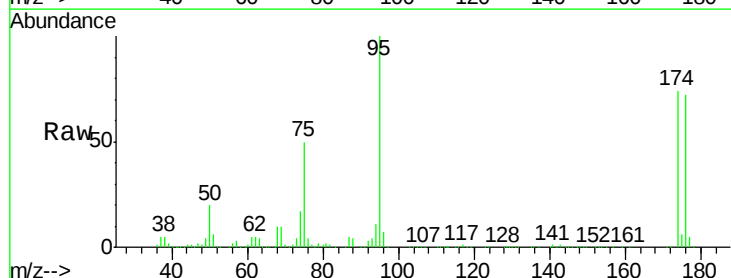
Tgt Ion: 95 Resp: 174788

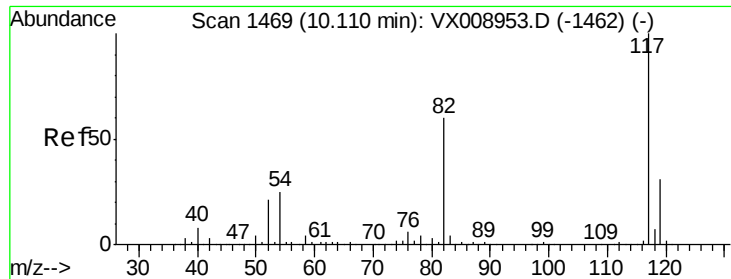
Ion Ratio Lower Upper

95 100

174 79.5 0.0 159.6

176 76.5 0.0 154.8

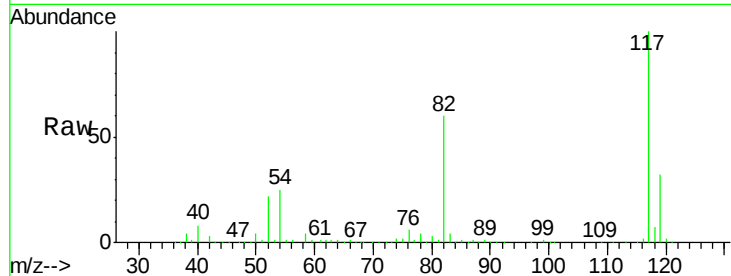




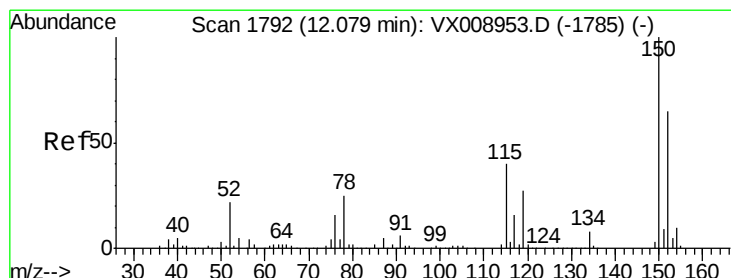
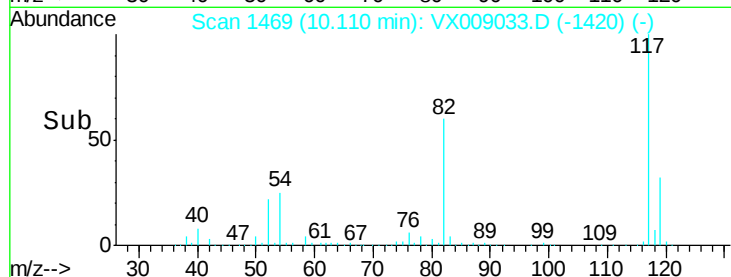
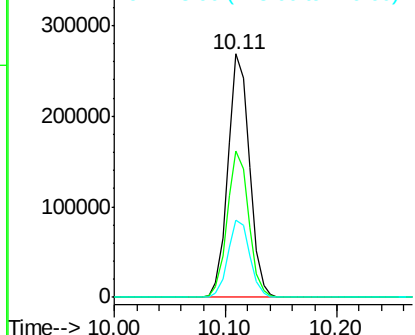
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009033.D
Acq: 18 Apr 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBL01

Tot Ion:117 Resp: 359177
Ion Ratio Lower Upper
117 100
82 60.2 48.2 72.4
119 31.8 25.0 37.6

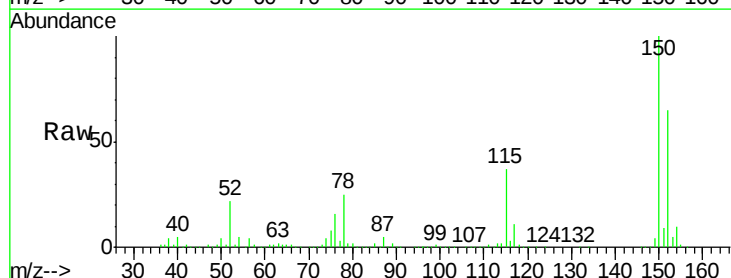


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009033.D
Acq: 18 Apr 2019 10:53

Tgt Ion:152 Resp: 157905
Ion Ratio Lower Upper
152 100
115 59.5 41.4 124.2
150 157.2 0.0 349.8



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

