

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
 Data File : VF059248.D
 Acq On : 21 Jun 2018 3:00
 Operator : VA/AP
 Sample : VF0620SBL02
 Misc : 5.20g/5mL/MSVOA-F/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0620SBL02

Quant Time: Jun 21 07:59:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	241115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	379718	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	388785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	248538	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	175945	60.17	ug/l	0.01
Spiked Amount	50.000		Recovery	=	120.34%	
35) Dibromofluoromethane	4.30	113	157436	59.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.18%	
50) Toluene-d8	7.71	98	367740	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
62) 4-Bromofluorobenzene	11.51	95	212492	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	

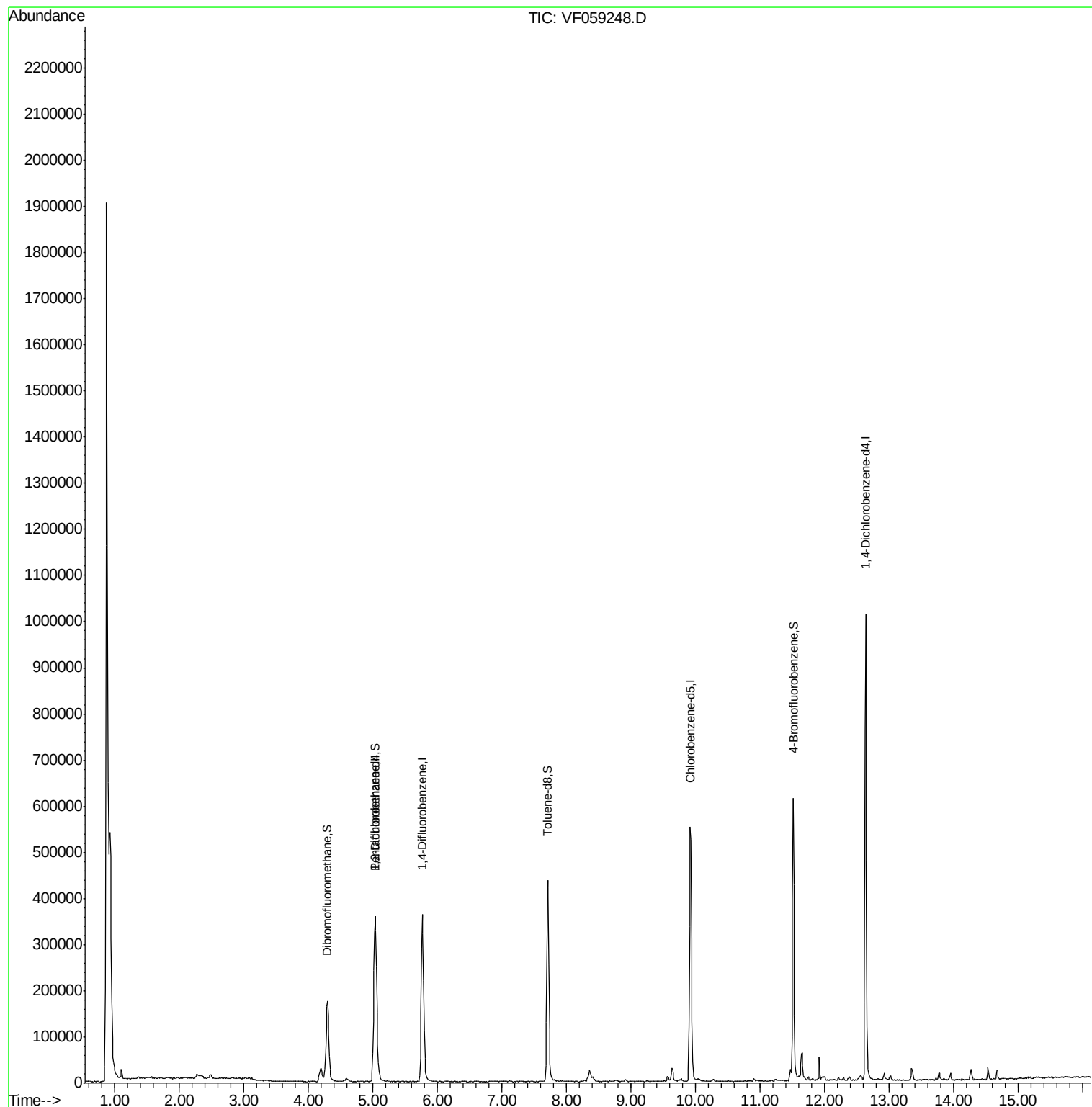
Target Compounds	Qvalue

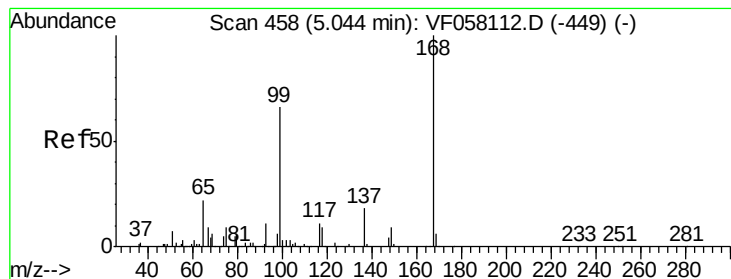
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062018\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.00 min

Lab File: VF059248.D

Acq: 21 Jun 2018 3:00

Instrument :

MSVOA_F

ClientSampleId :

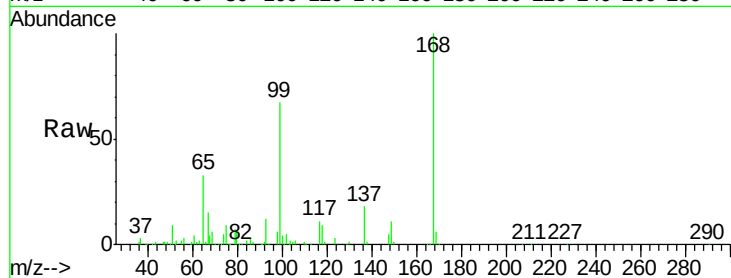
VF0620SBL02

Tot Ion:168 Resp: 241115

Ion Ratio Lower Upper

168 100

99 67.3 52.9 79.3

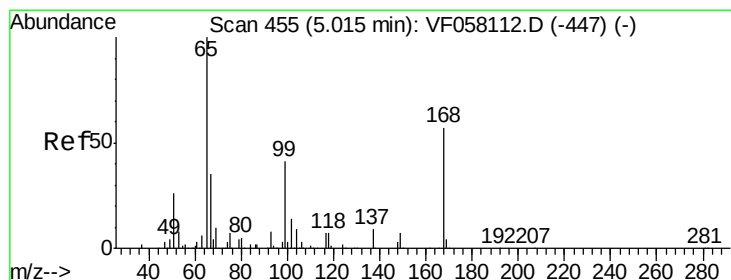
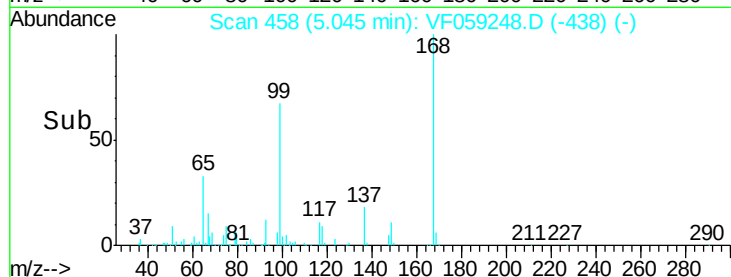


Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.17 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.01 min

Lab File: VF059248.D

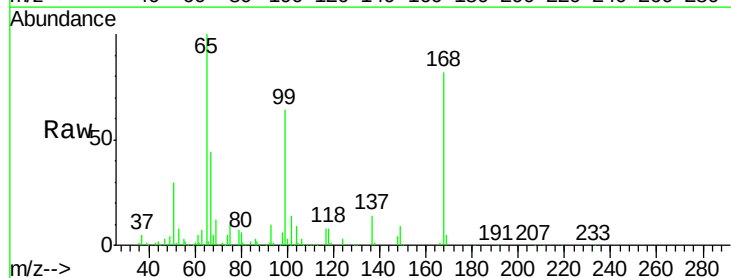
Acq: 21 Jun 2018 3:00

Tgt Ion: 65 Resp: 175945

Ion Ratio Lower Upper

65 100

67 43.9 0.0 97.0

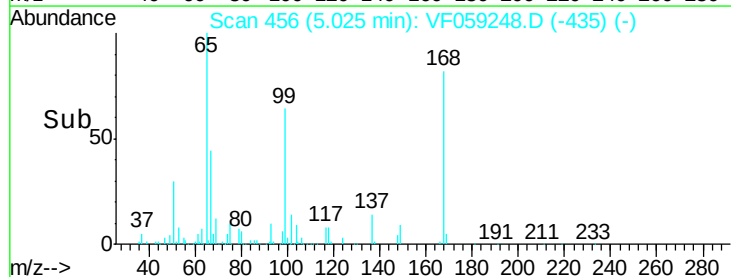


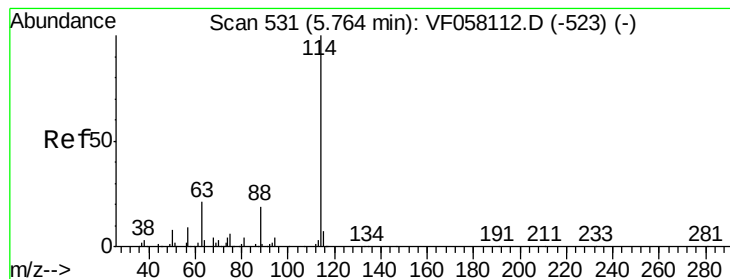
Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059248.D

Acq: 21 Jun 2018 3:00

Instrument :

MSVOA_F

ClientSampleId :

VF0620SBL02

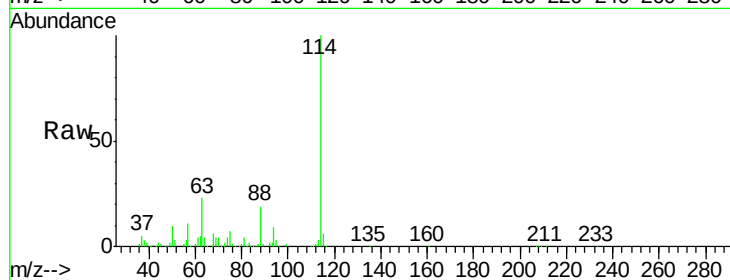
Tot Ion:114 Resp: 379718

Ion Ratio Lower Upper

114 100

63 22.7 0.0 41.6

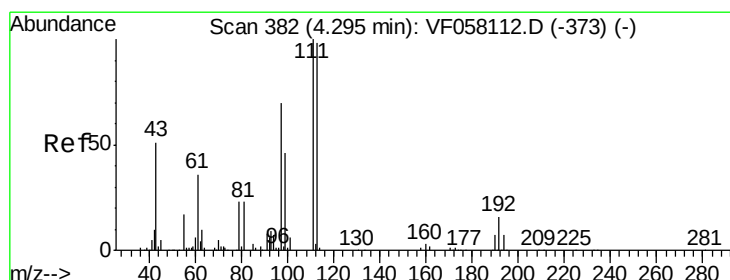
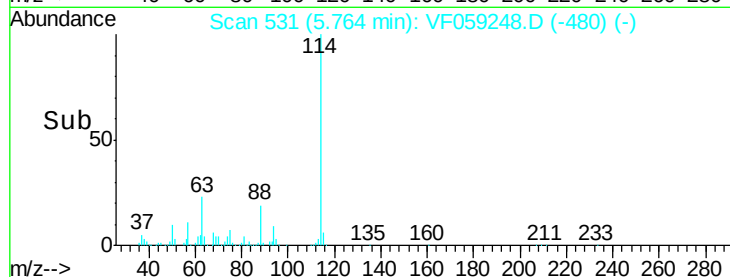
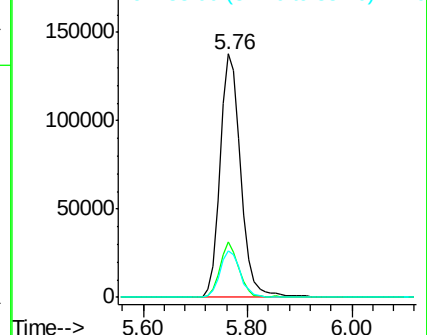
88 19.2 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 59.09 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.00 min

Lab File: VF059248.D

Acq: 21 Jun 2018 3:00

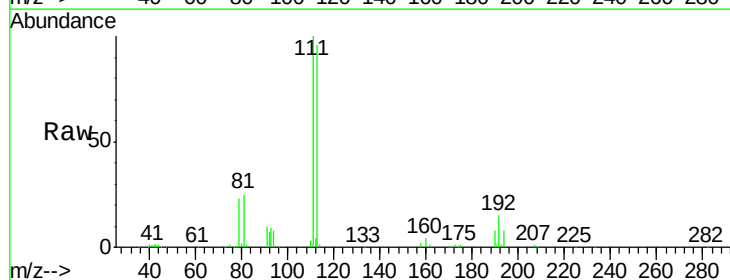
Tgt Ion:113 Resp: 157436

Ion Ratio Lower Upper

113 100

111 104.3 81.3 121.9

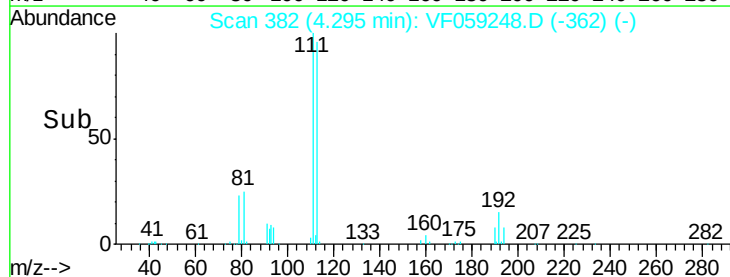
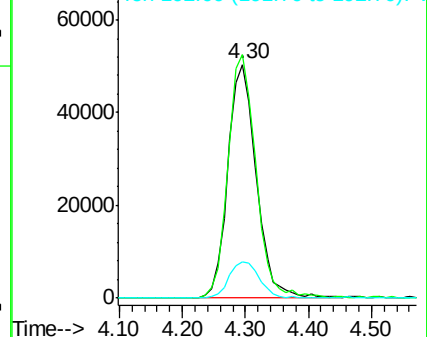
192 15.8 12.7 19.1

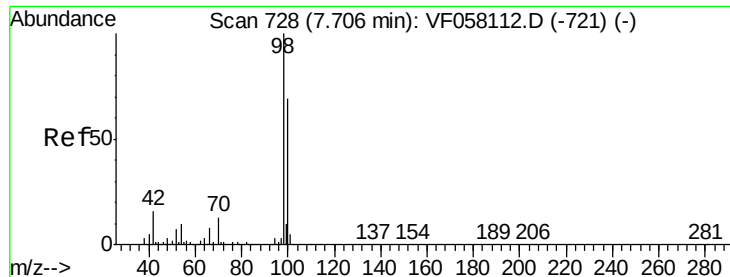


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

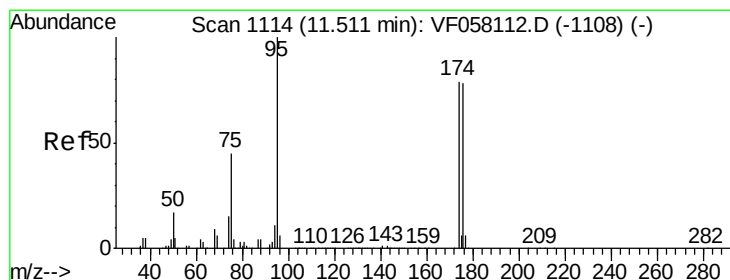
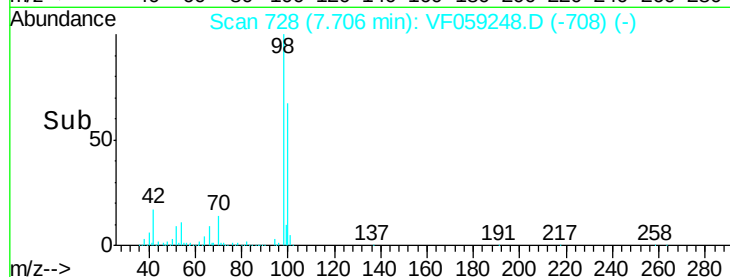
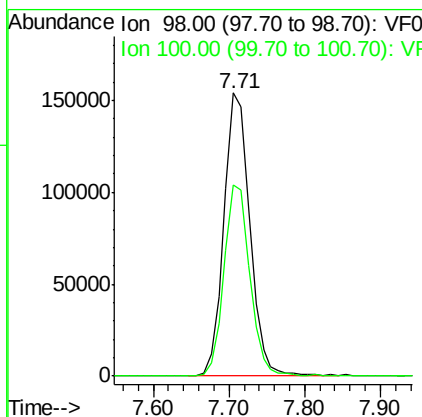
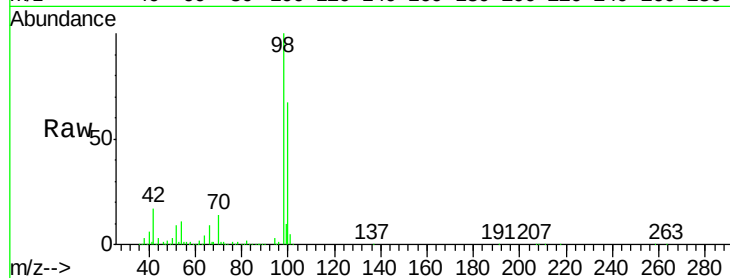




#50
Toluene-d8
Concen: 46.98 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059248.D
Acq: 21 Jun 2018 3:00

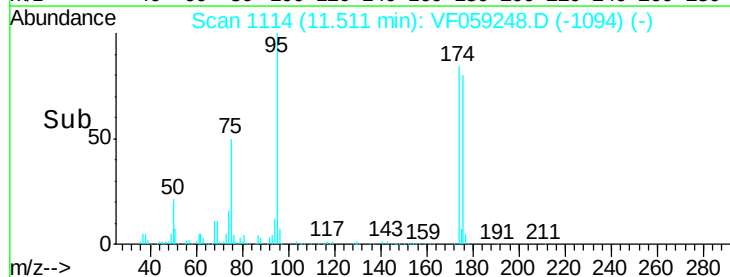
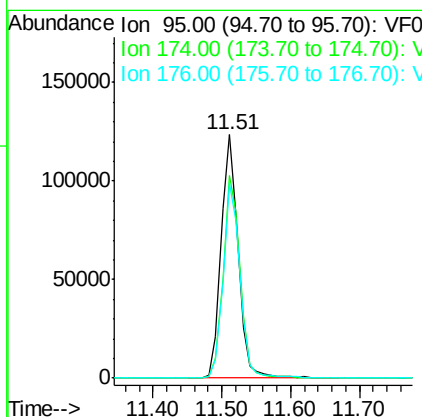
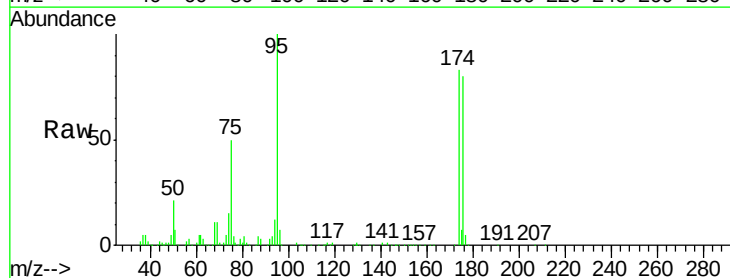
Instrument :
MSVOA_F
ClientSampleId :
VF0620SBL02

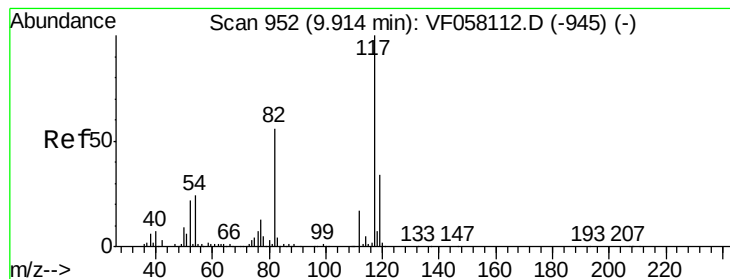
Tot Ion: 98 Resp: 367740
Ion Ratio Lower Upper
98 100
100 67.5 55.6 83.4



#62
4-Bromofluorobenzene
Concen: 52.93 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059248.D
Acq: 21 Jun 2018 3:00

Tgt Ion: 95 Resp: 212492
Ion Ratio Lower Upper
95 100
174 83.4 0.0 157.8
176 80.1 0.0 155.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.00 min

Lab File: VF059248.D

Acq: 21 Jun 2018 3:00

Instrument :

MSVOA_F

ClientSampleId :

VF0620SBL02

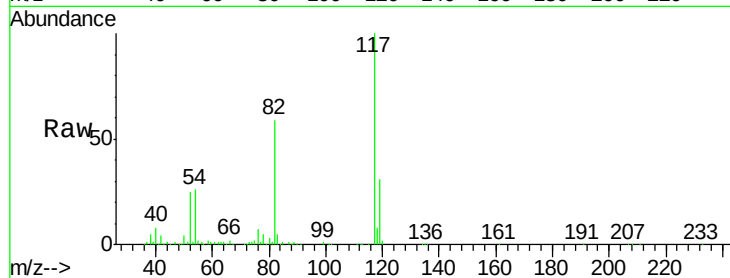
Tot Ion:117 Resp: 388785

Ion Ratio Lower Upper

117 100

82 59.2 45.2 67.8

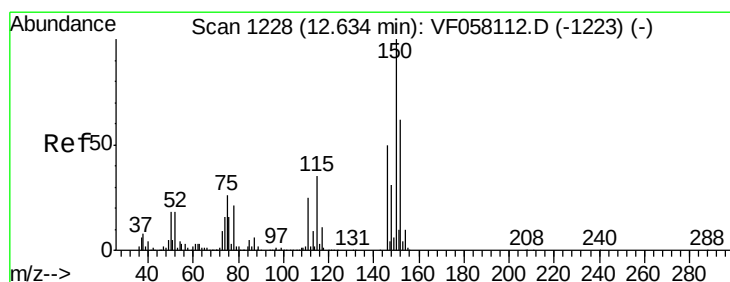
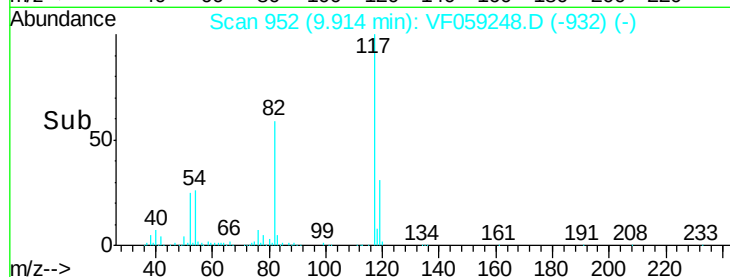
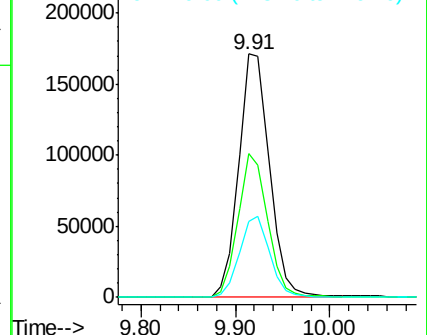
119 31.0 27.5 41.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VF059248.D

Acq: 21 Jun 2018 3:00

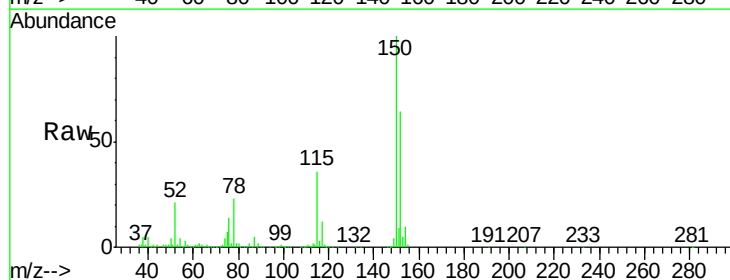
Tgt Ion:152 Resp: 248538

Ion Ratio Lower Upper

152 100

115 56.7 28.5 85.5

150 157.2 0.0 323.8



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

