

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060569.D
 Acq On : 5 Nov 2018 12:55
 Operator : VA/AP
 Sample : VF1105SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1105SBL01

Quant Time: Nov 05 13:39:08 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	289937	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	491609	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	458789	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	242143	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	150799	51.48	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.96%	
35) Dibromofluoromethane	4.09	113	208832	54.98	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	109.96%	
50) Toluene-d8	7.53	98	565244	50.24	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	11.40	95	269409	54.74	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	109.48%	

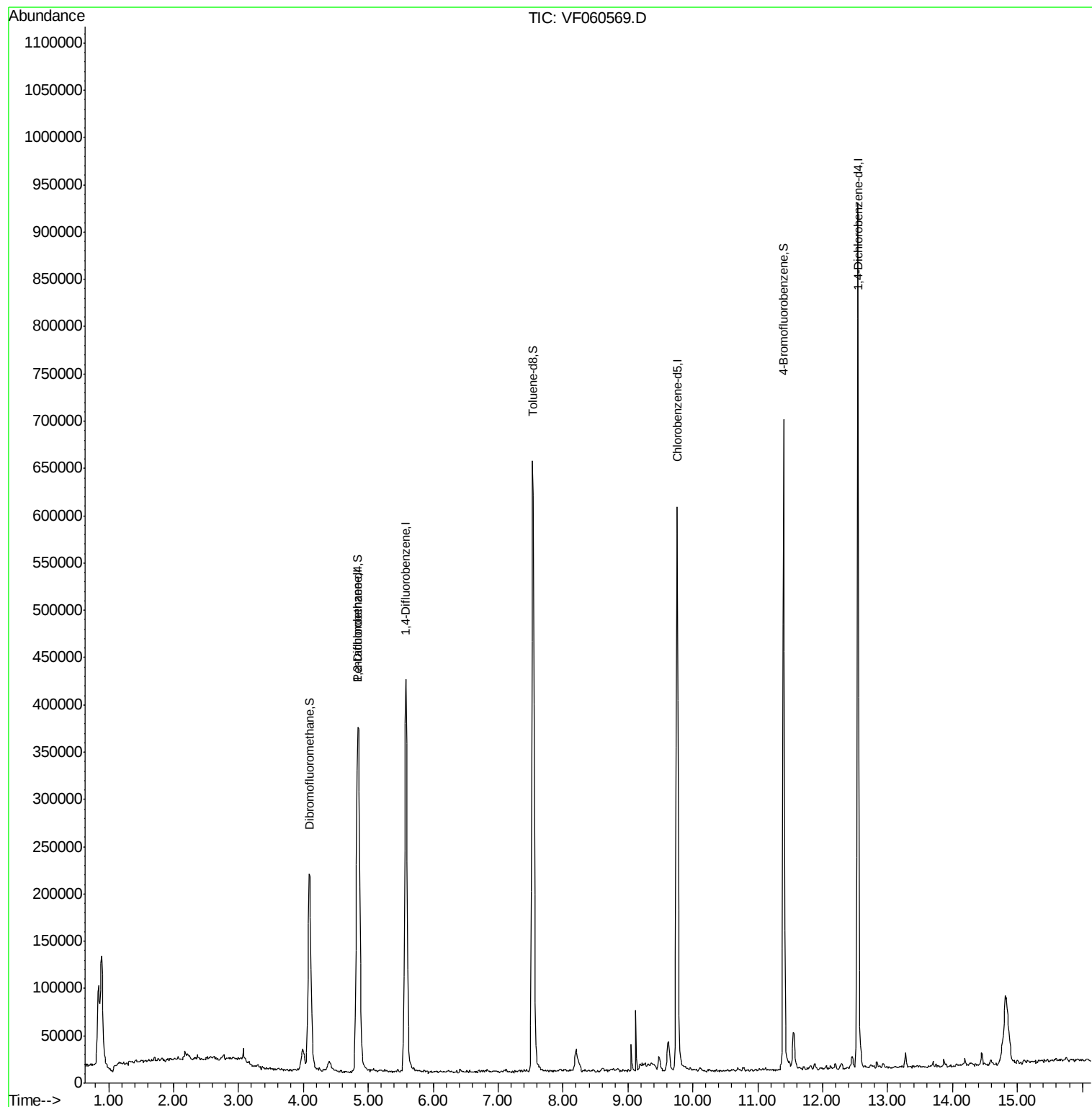
Target Compounds	Qvalue

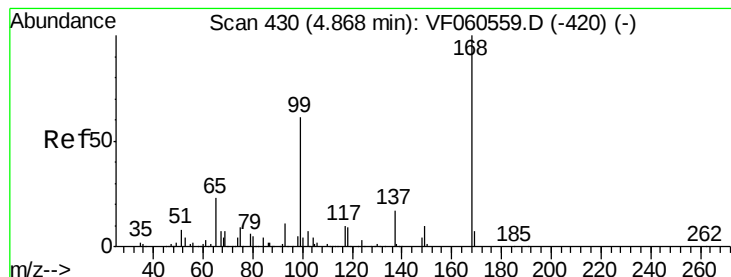
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF060569.D

Acq: 5 Nov 2018 12:55

Instrument :

MSVOA_F

ClientSampleId :

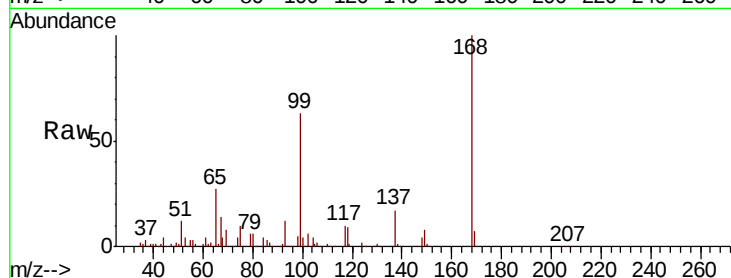
VF1105SBL01

Tot Ion:168 Resp: 289937

Ion Ratio Lower Upper

168 100

99 62.5 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

100000

80000

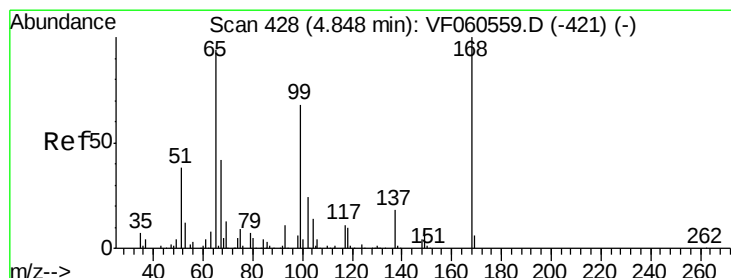
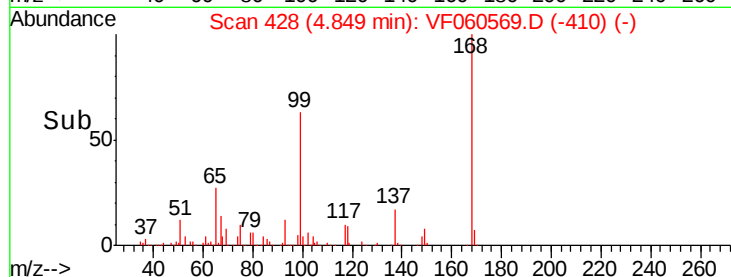
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.477 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF060569.D

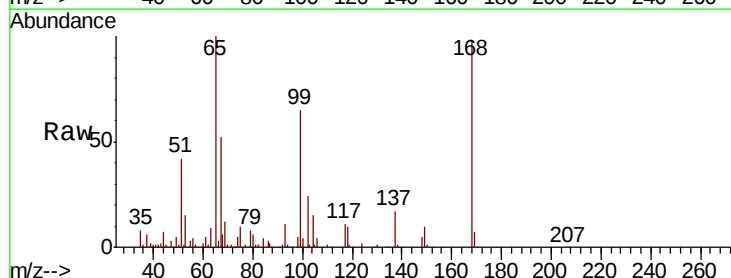
Acq: 5 Nov 2018 12:55

Tgt Ion: 65 Resp: 150799

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

60000

50000

40000

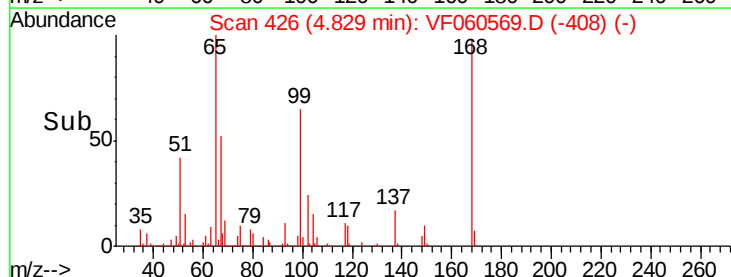
30000

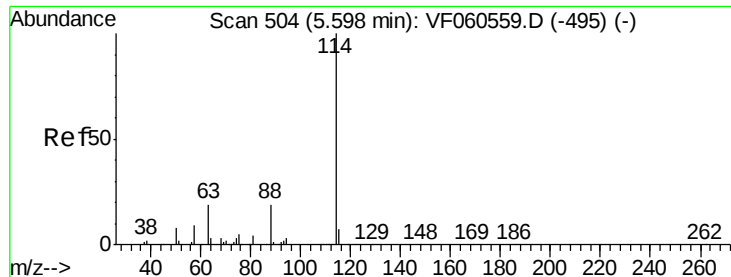
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF060569.D

Acq: 5 Nov 2018 12:55

Instrument :

MSVOA_F

ClientSampleId :

VF1105SBL01

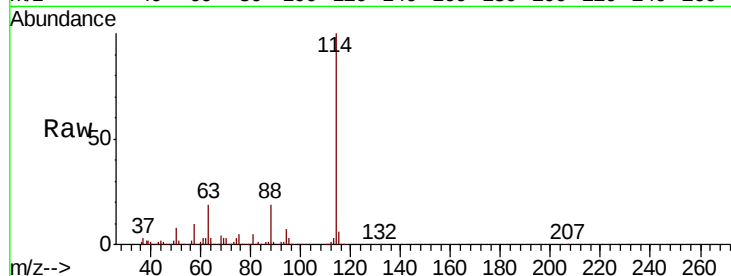
Tot Ion:114 Resp: 491609

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.0

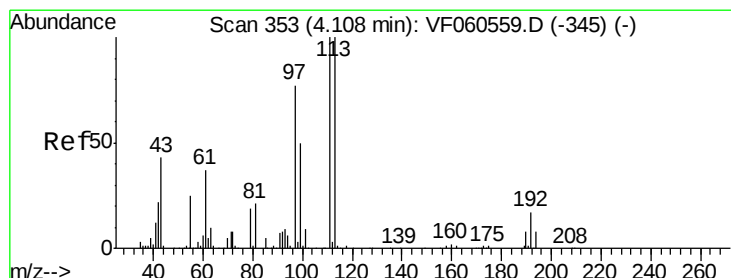
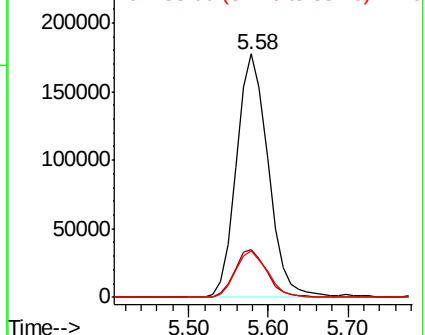
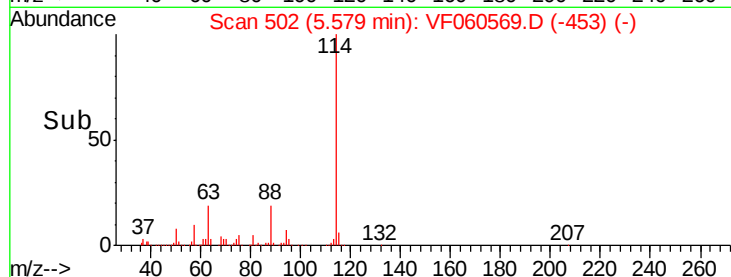
88 19.2 0.0 38.2



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: 54.982 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF060569.D

Acq: 5 Nov 2018 12:55

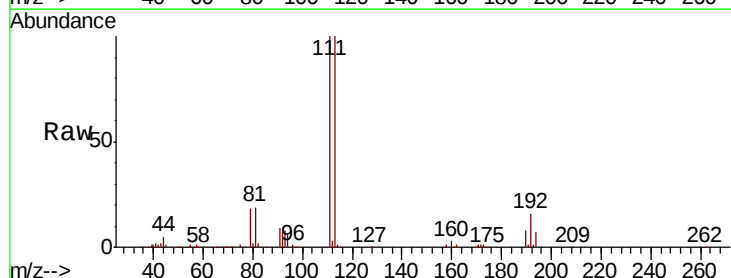
Tgt Ion:113 Resp: 208832

Ion Ratio Lower Upper

113 100

111 100.5 79.9 119.9

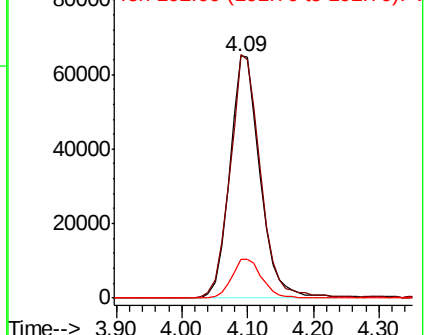
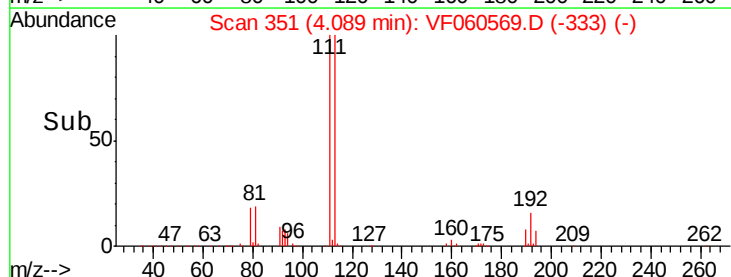
192 15.9 13.3 19.9



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

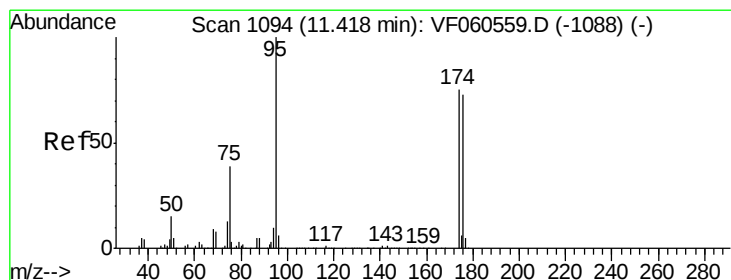
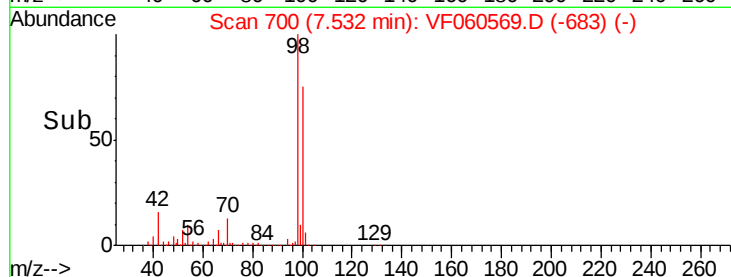
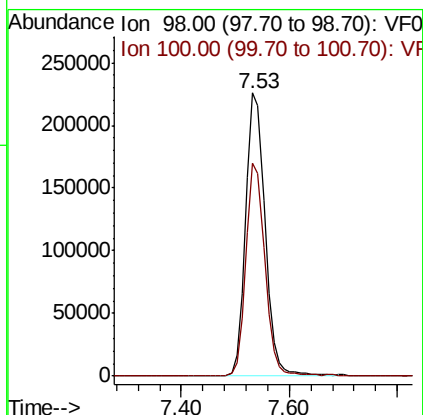
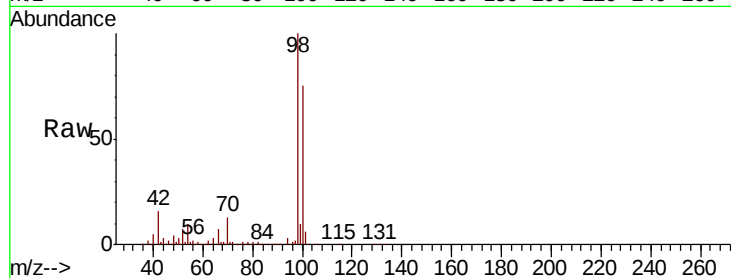




#50
Toluene-d8
Concen: 50.238 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF060569.D
Acq: 5 Nov 2018 12:55

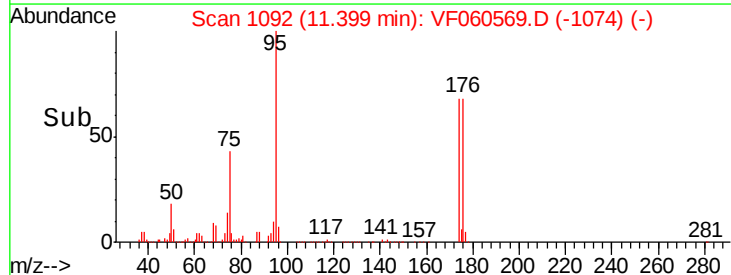
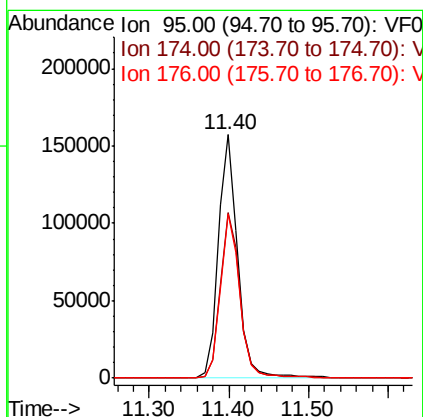
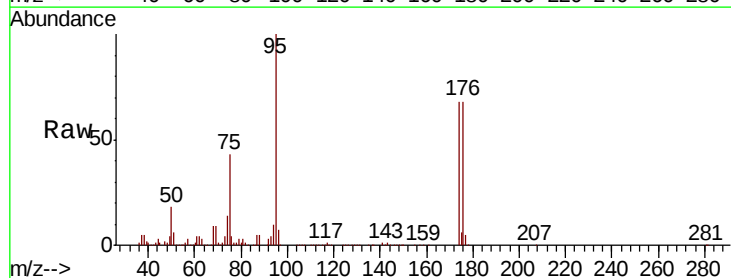
Instrument :
MSVOA_F
ClientSampleId :
VF1105SBL01

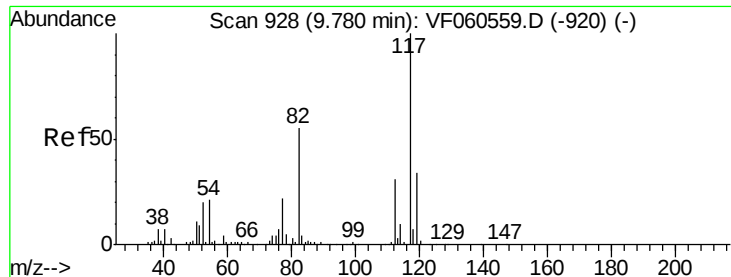
Tot Ion: 98 Resp: 565244
Ion Ratio Lower Upper
98 100
100 75.1 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 54.742 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF060569.D
Acq: 5 Nov 2018 12:55

Tgt Ion: 95 Resp: 269409
Ion Ratio Lower Upper
95 100
174 67.8 0.0 149.0
176 67.7 0.0 145.6

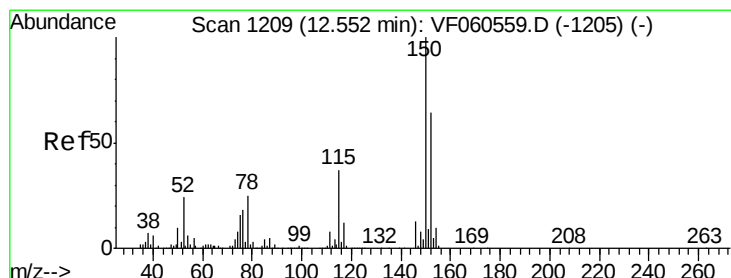
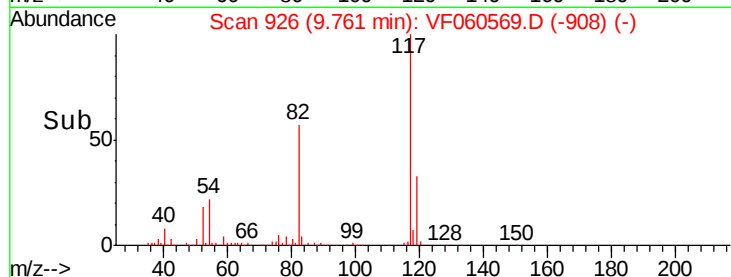
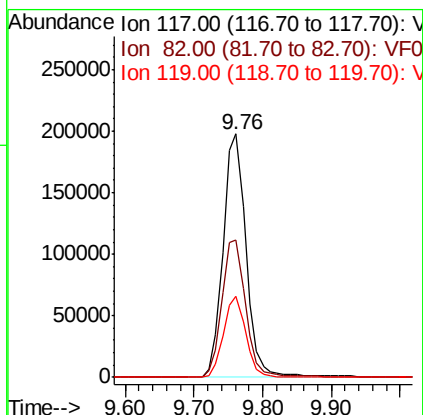
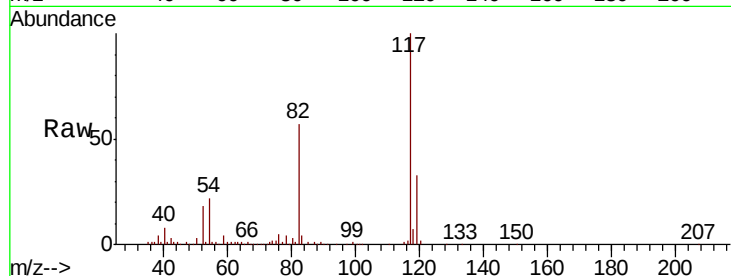




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF060569.D
Acq: 5 Nov 2018 12:55

Instrument :
MSVOA_F
ClientSampleId :
VF1105SBL01

Tot Ion:117 Resp: 458789
Ion Ratio Lower Upper
117 100
82 56.6 43.9 65.9
119 33.1 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF060569.D
Acq: 5 Nov 2018 12:55

Tgt Ion:152 Resp: 242143
Ion Ratio Lower Upper
152 100
115 59.5 29.6 88.8
150 152.4 0.0 315.6

