

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072318\
 Data File : VF059625.D
 Acq On : 23 Jul 2018 20:27
 Operator : VA/AP
 Sample : J4099-05
 Misc : 4.46g/5mL/MSVOA F/SOIL
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 GL-TOPSOIL-05

Quant Time: Jul 24 08:35:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 04:17:55 2018
 Response via : Initial Calibration

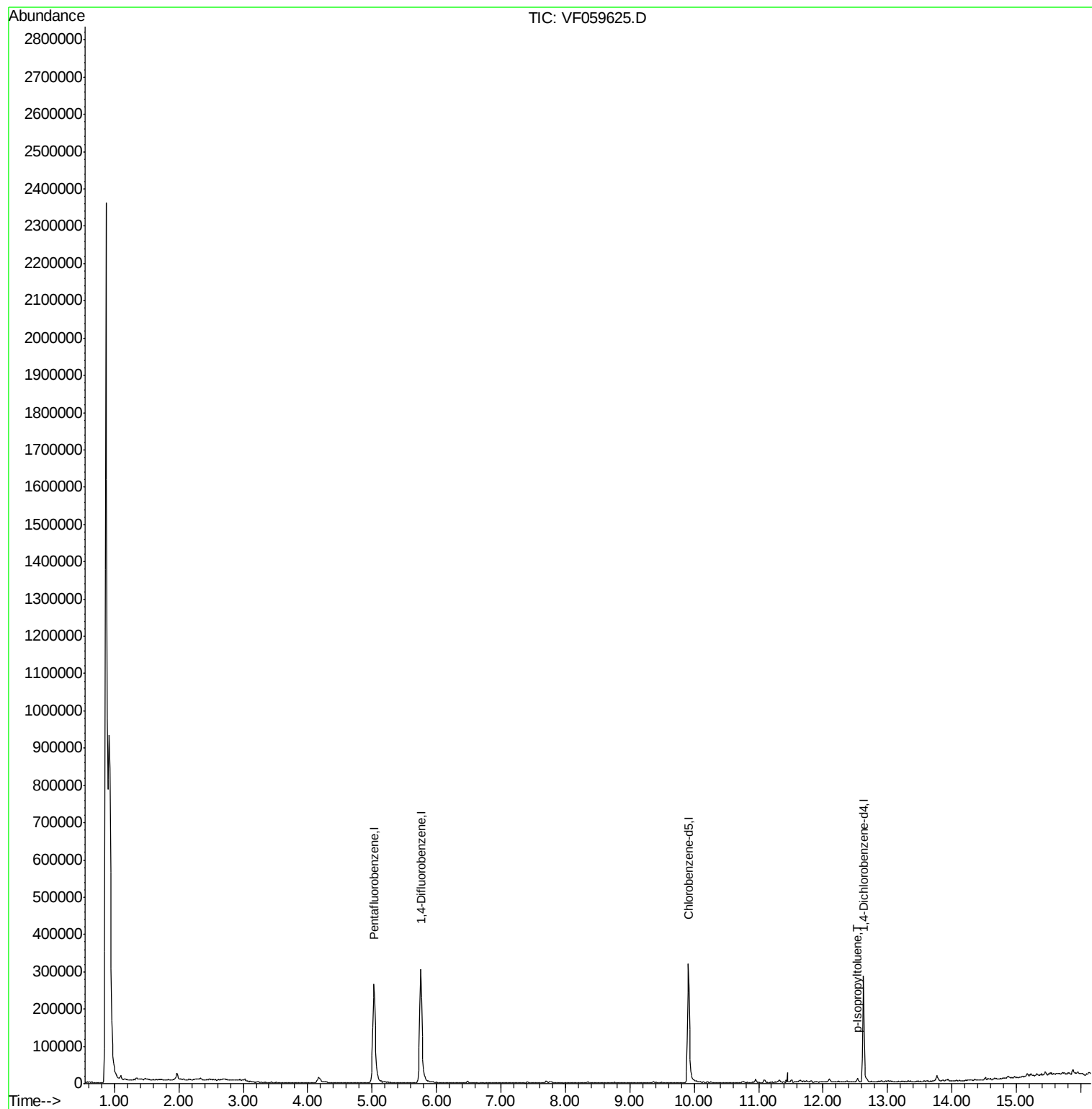
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	231933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	320935	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	225724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	74399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	2771	0.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	1.52%	
35) Dibromofluoromethane	4.29	113	1323	0.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	0.90%	
50) Toluene-d8	7.70	98	3625	0.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	0.98%	
62) 4-Bromofluorobenzene	11.51	95	2562	0.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	1.20%	
Target Compounds						
86) p-Isopropyltoluene	12.53	119	5124	1.08	ug/l	Qvalue 91

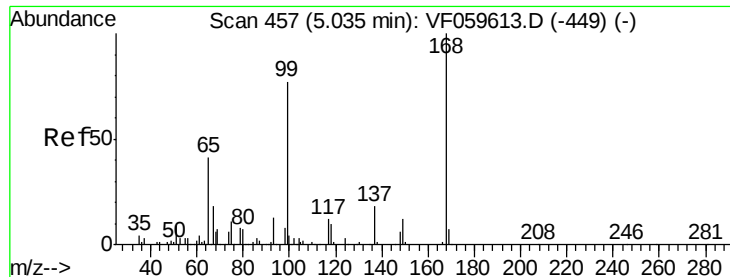
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF072318\
Data File : VF059625.D
Acq On : 23 Jul 2018 20:27
Operator : VA/AP
Sample : J4099-05
Misc : 4.46g/5mL/MSVOA F/SOIL
ALS Vial : 96 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
GL-TOPSOIL-05

Quant Time: Jul 24 08:35:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F072318S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 24 04:17:55 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF059625.D

Acq: 23 Jul 2018 20:27

Instrument :

MSVOA_F

ClientSampleId :

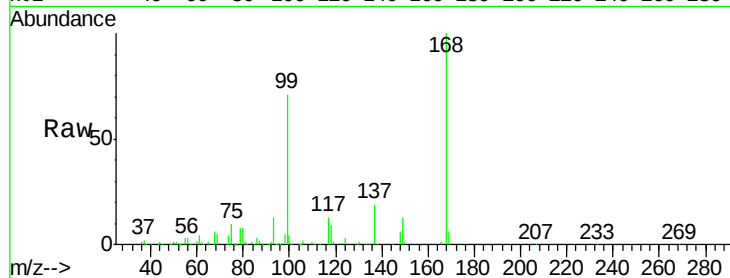
GL-TOPSOIL-05

Tot Ion:168 Resp: 231933

Ion Ratio Lower Upper

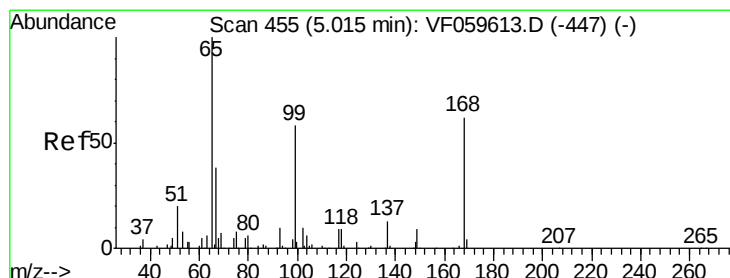
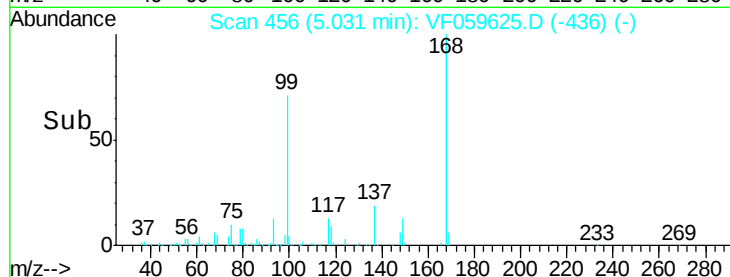
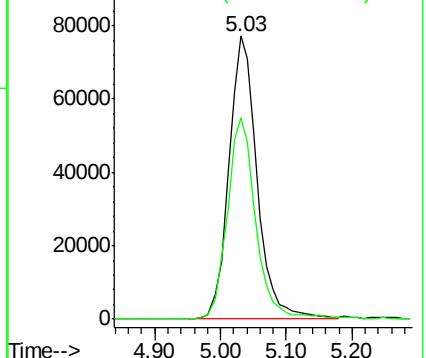
168 100

99 71.4 61.5 92.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 0.76 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF059625.D

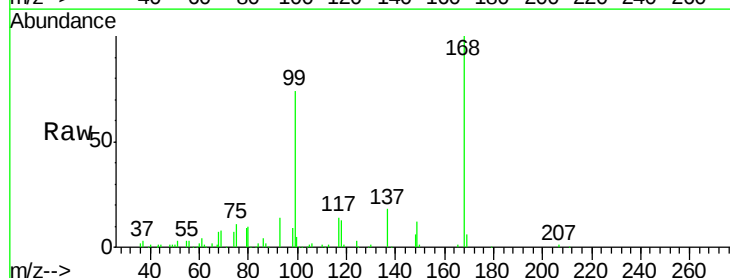
Acq: 23 Jul 2018 20:27

Tgt Ion: 65 Resp: 2771

Ion Ratio Lower Upper

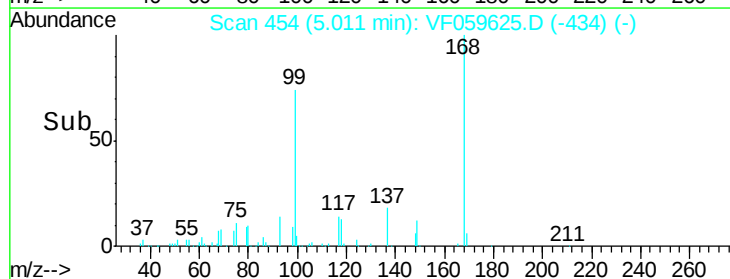
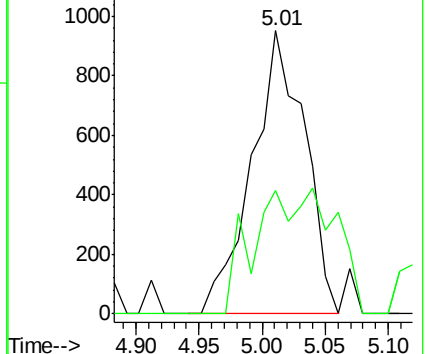
65 100

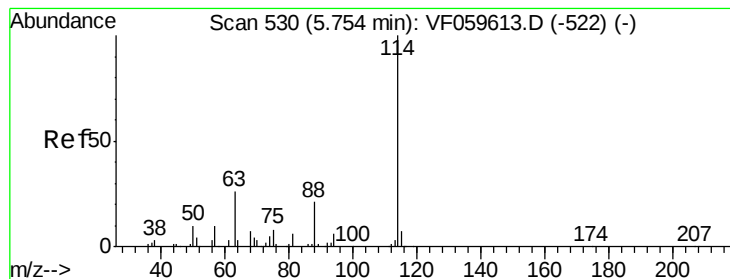
67 43.5 0.0 83.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. 0.01 min

Lab File: VF059625.D

Acq: 23 Jul 2018 20:27

Instrument :

MSVOA_F

ClientSampleId :

GL-TOPSOIL-05

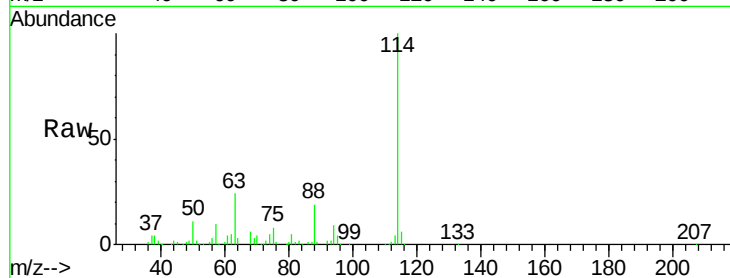
Tot Ion:114 Resp: 320935

Ion Ratio Lower Upper

114 100

63 24.1 0.0 51.8

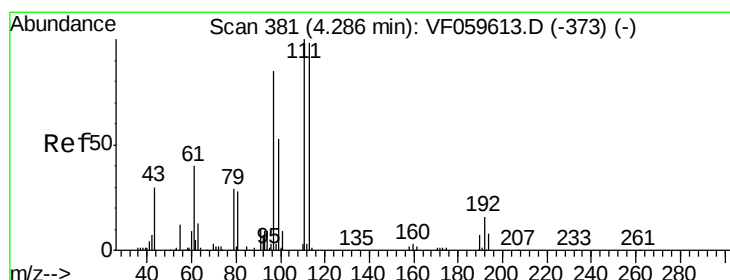
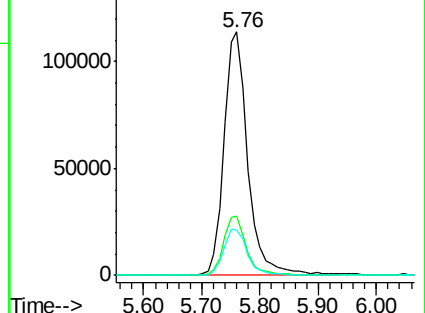
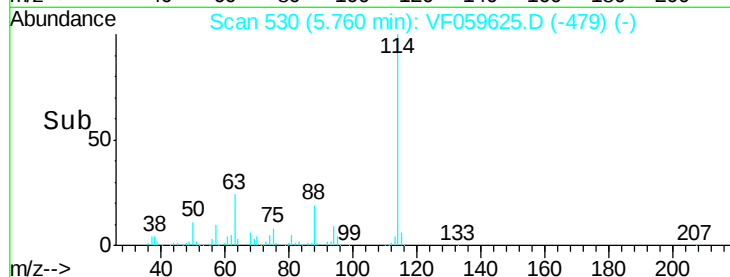
88 18.8 0.0 42.8



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: 0.45 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059625.D

Acq: 23 Jul 2018 20:27

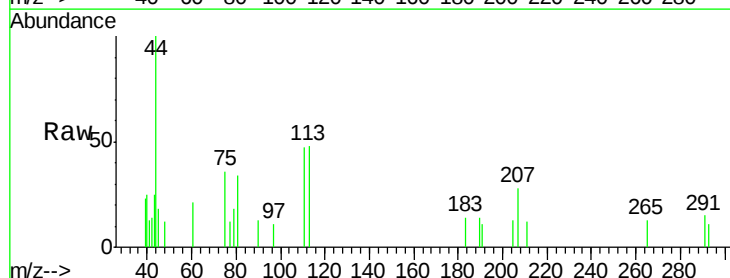
Tgt Ion:113 Resp: 1323

Ion Ratio Lower Upper

113 100

111 99.3 81.5 122.3

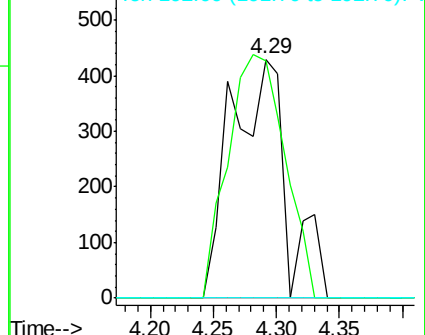
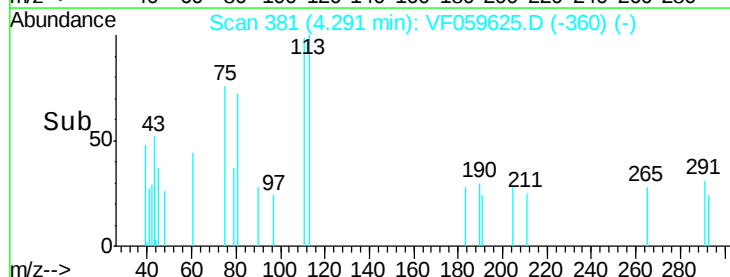
192 0.0 13.4 20.2#

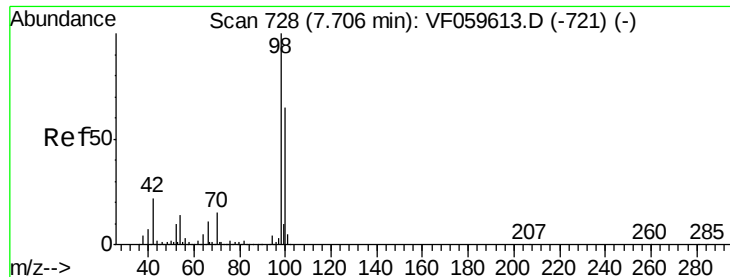


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

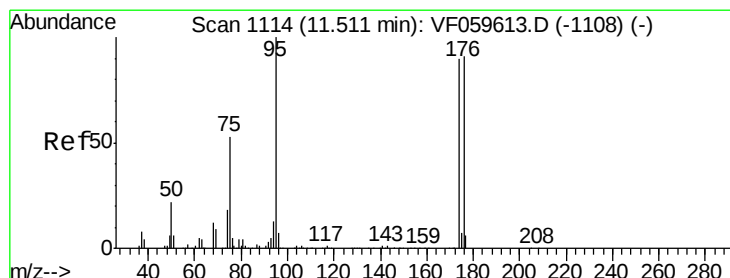
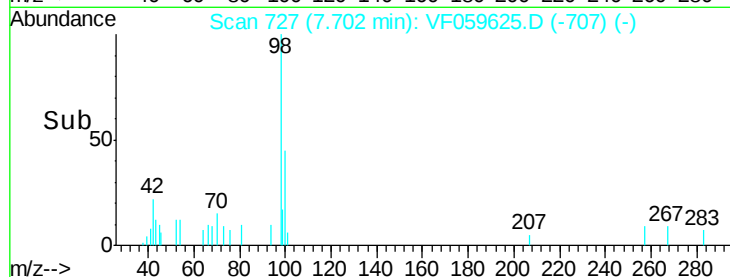
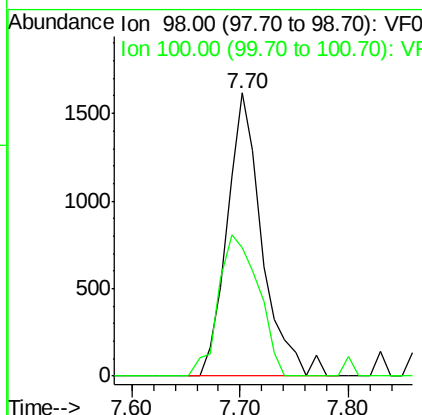
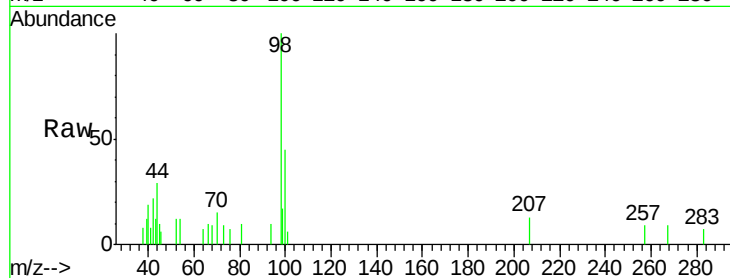




#50
Toluene-d8
Concen: 0.49 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059625.D
Acq: 23 Jul 2018 20:27

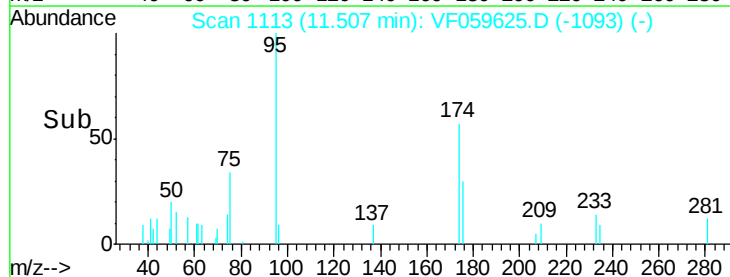
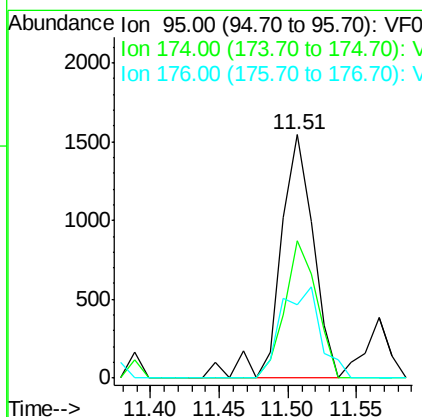
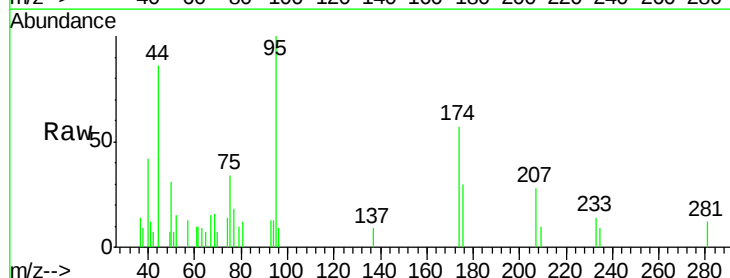
Instrument :
MSVOA_F
ClientSampleId :
GL-TOPSOIL-05

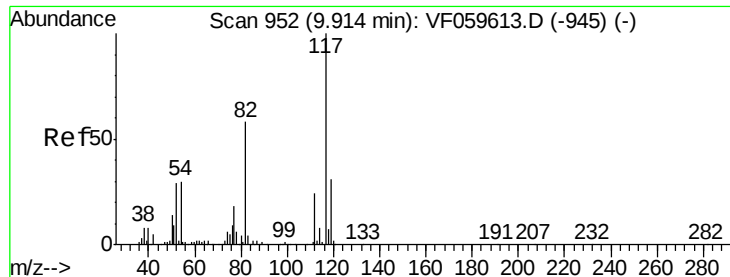
Tot Ion: 98 Resp: 3625
Ion Ratio Lower Upper
98 100
100 45.5 51.6 77.4#



#62
4-Bromofluorobenzene
Concen: 0.60 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059625.D
Acq: 23 Jul 2018 20:27

Tgt Ion: 95 Resp: 2562
Ion Ratio Lower Upper
95 100
174 56.7 0.0 180.6
176 30.2 0.0 182.4

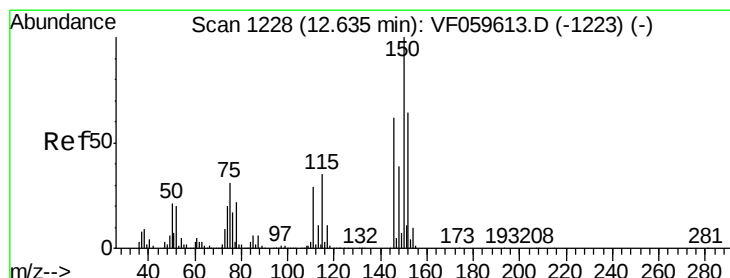
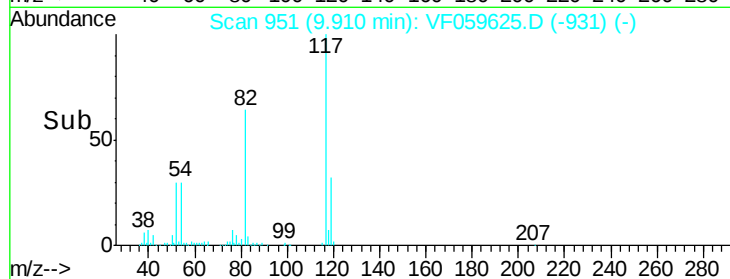
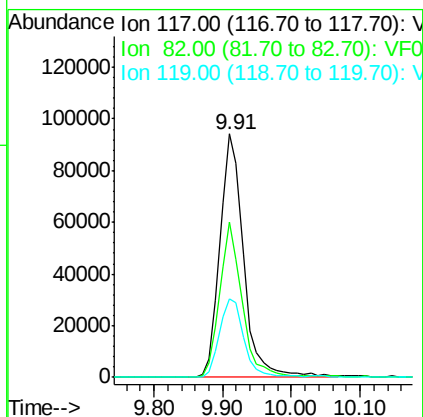
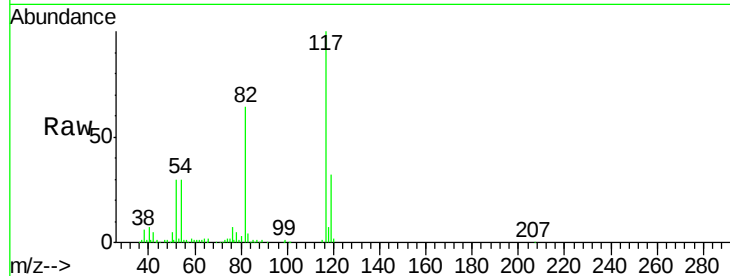




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059625.D
Acq: 23 Jul 2018 20:27

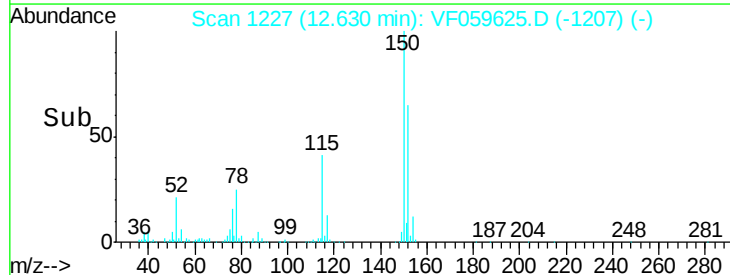
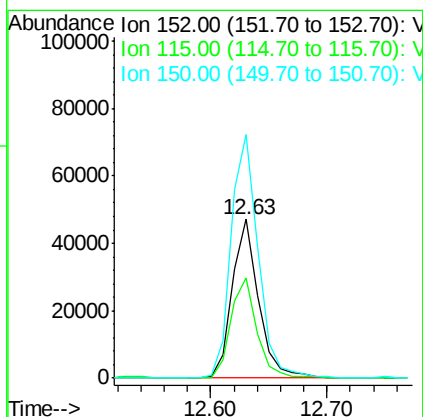
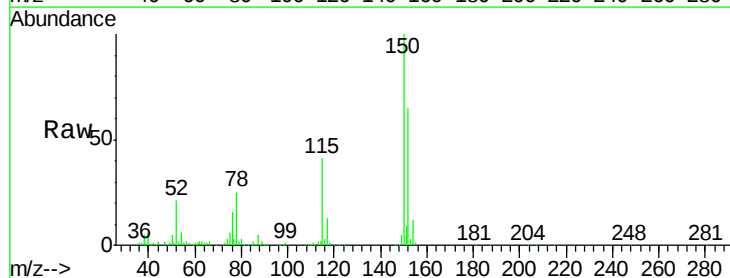
Instrument :
MSVOA_F
ClientSampleId :
GL-TOPSOIL-05

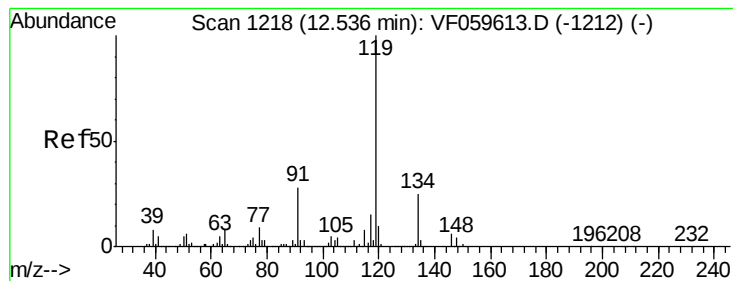
Tot Ion:117 Resp: 225724
Ion Ratio Lower Upper
117 100
82 63.9 46.5 69.7
119 32.3 24.4 36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059625.D
Acq: 23 Jul 2018 20:27

Tgt Ion:152 Resp: 74399
Ion Ratio Lower Upper
152 100
115 62.8 27.8 83.4
150 153.5 0.0 314.6





#86

p-Isopropyltoluene

Concen: 1.08 ug/l

RT: 12.53 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VF059625.D

Acq: 23 Jul 2018 20:27

Instrument :

MSVOA_F

ClientSampleId :

GL-TOPSOIL-05

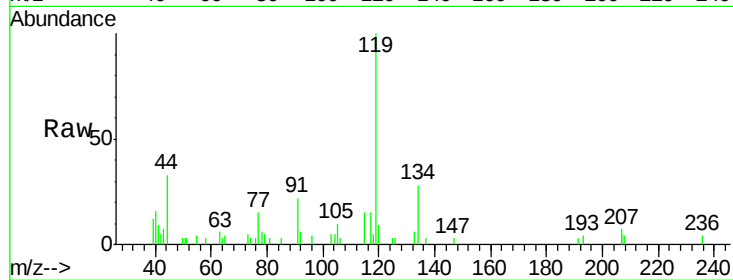
Tot Ion:119 Resp: 5124

Ion Ratio Lower Upper

119 100

134 28.2 12.4 37.2

91 21.7 13.9 41.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0

