

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080618\
 Data File : VF059898.D
 Acq On : 7 Aug 2018 1:40
 Operator : VA/AP
 Sample : J4333-17
 Misc : 5.75g/5mL/MSVOA F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-5

Quant Time: Aug 07 04:34:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 04 07:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	145824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	194714	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	162432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	61816	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	110178	41.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.82%	
35) Dibromofluoromethane	4.30	113	94131	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	7.71	98	143258	34.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.50%	
62) 4-Bromofluorobenzene	11.51	95	52207	22.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.08%	

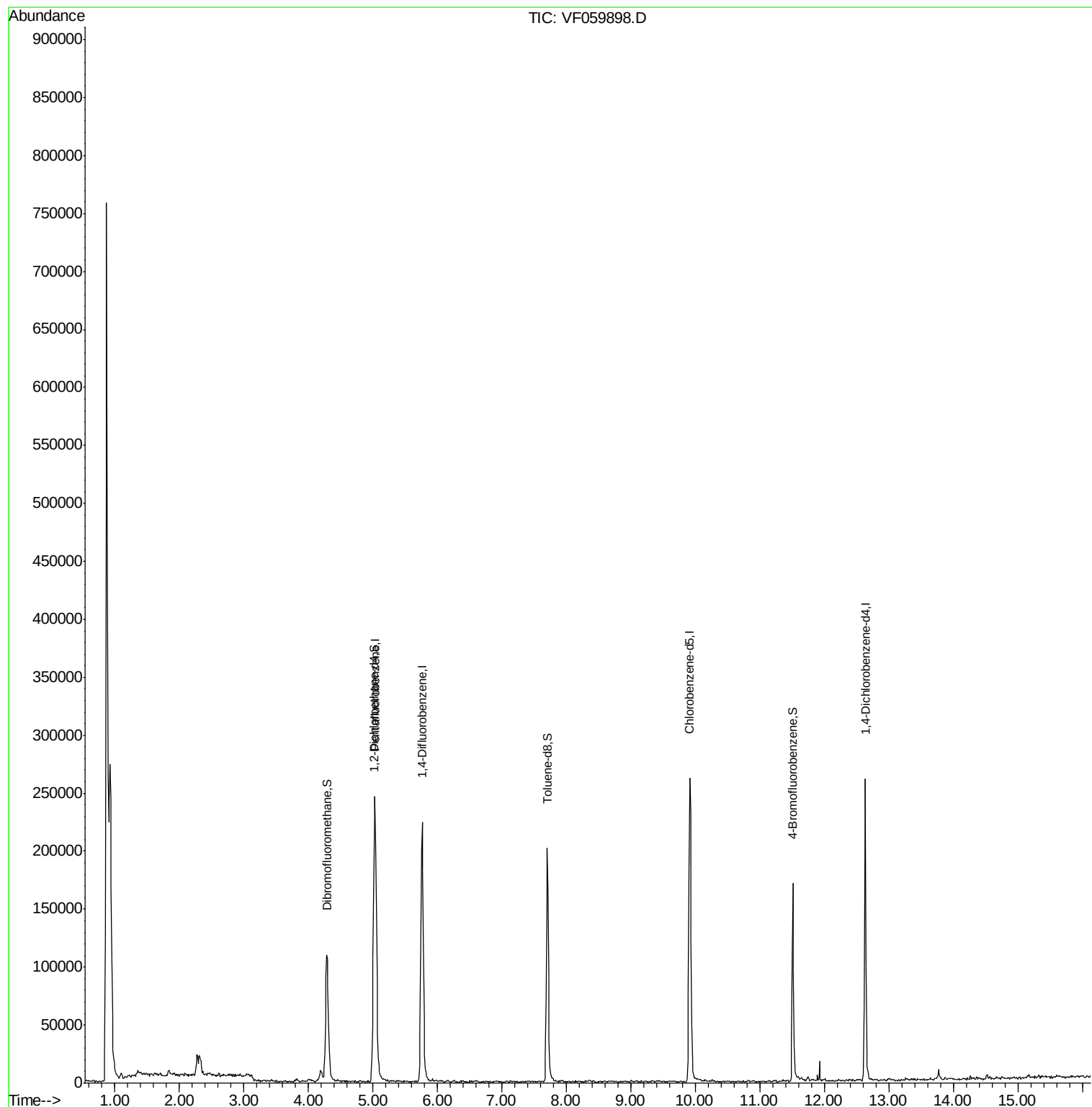
Target Compounds	Qvalue

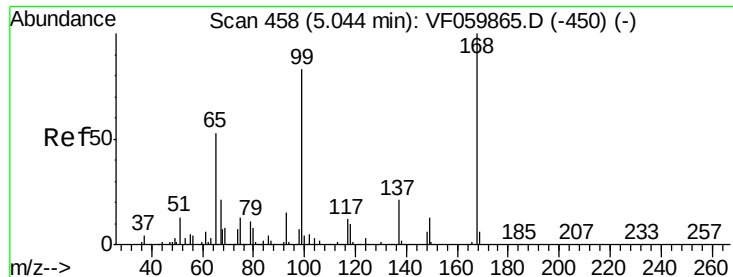
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF059898.D

Acq: 7 Aug 2018 1:40

Instrument :

MSVOA_F

ClientSampled :

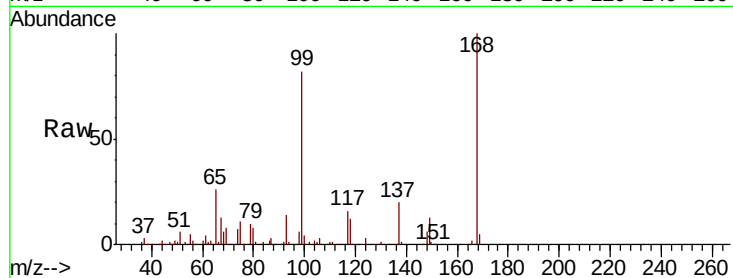
SOIL-5

Tot Ion:168 Resp: 145824

Ion Ratio Lower Upper

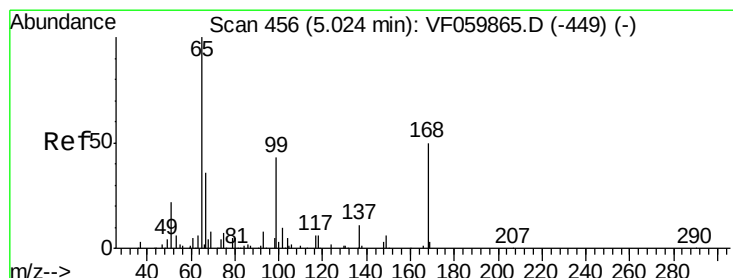
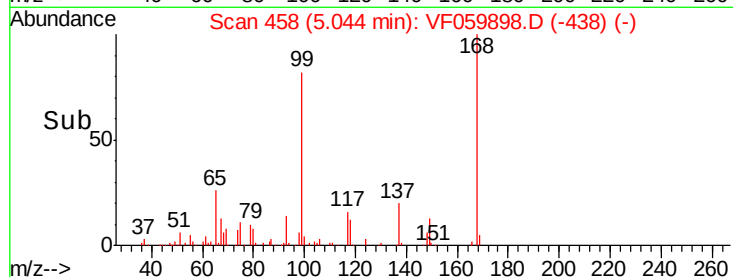
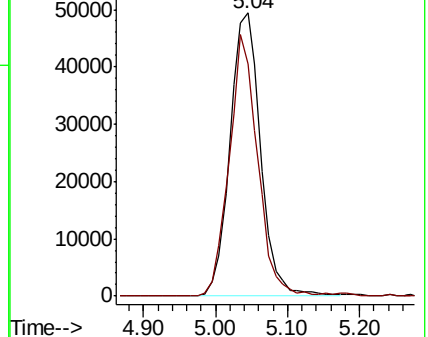
168 100

99 82.0 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 41.91 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059898.D

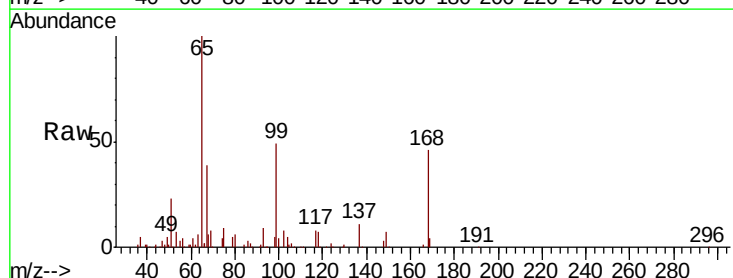
Acq: 7 Aug 2018 1:40

Tgt Ion: 65 Resp: 110178

Ion Ratio Lower Upper

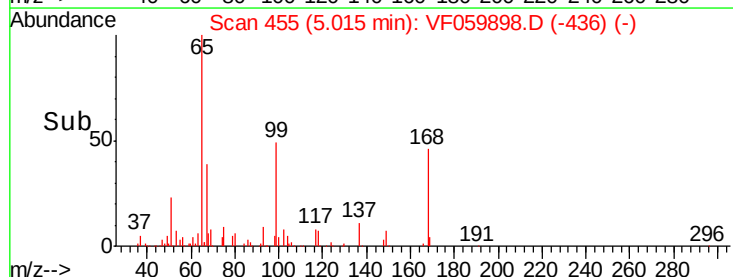
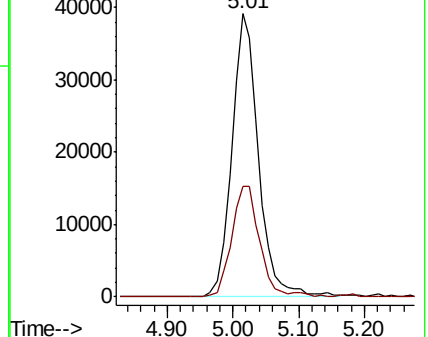
65 100

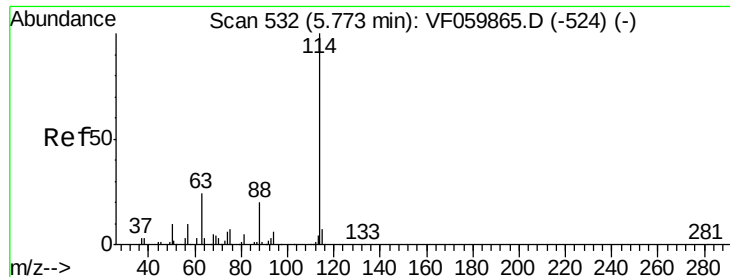
67 38.9 0.0 77.2



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# 531

Delta R.T. -0.01 min

Lab File: VF059898.D

Acq: 7 Aug 2018 1:40

Instrument :

MSVOA_F

ClientSampleId :

SOIL-5

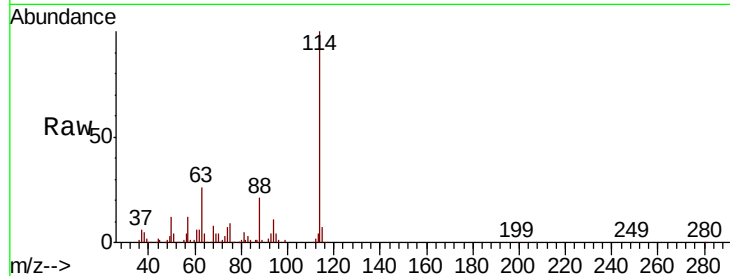
Tot Ion:114 Resp: 194714

Ion Ratio Lower Upper

114 100

63 26.3 0.0 48.0

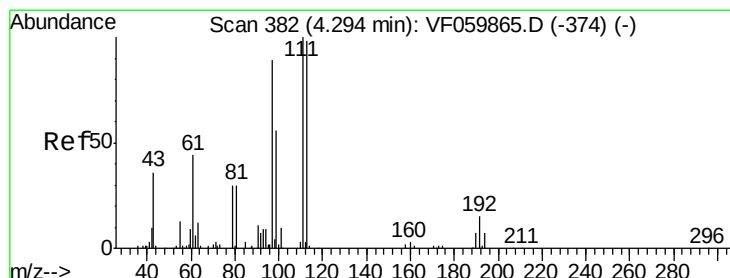
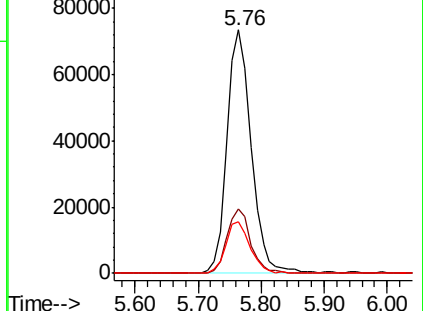
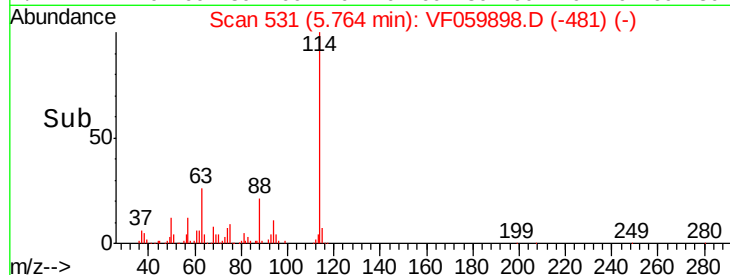
88 21.4 0.0 39.4



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: 48.59 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.00 min

Lab File: VF059898.D

Acq: 7 Aug 2018 1:40

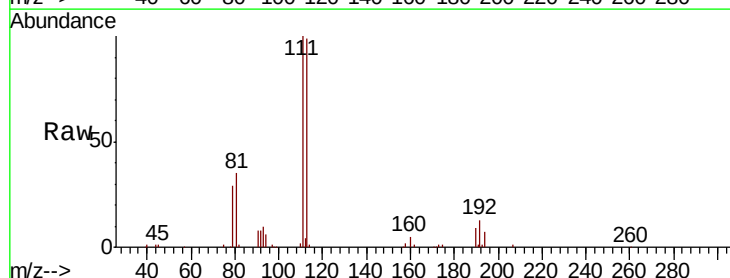
Tgt Ion:113 Resp: 94131

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.8

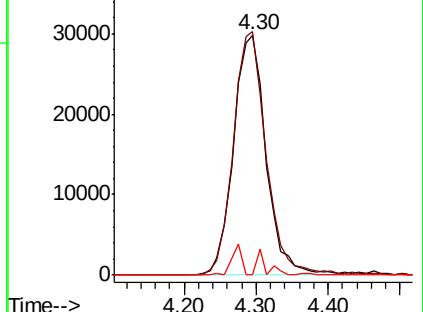
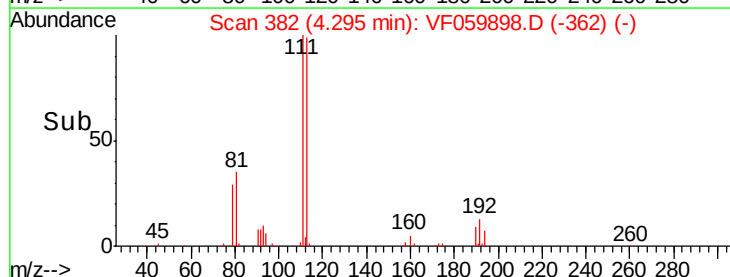
192 0.0 12.4 18.6#

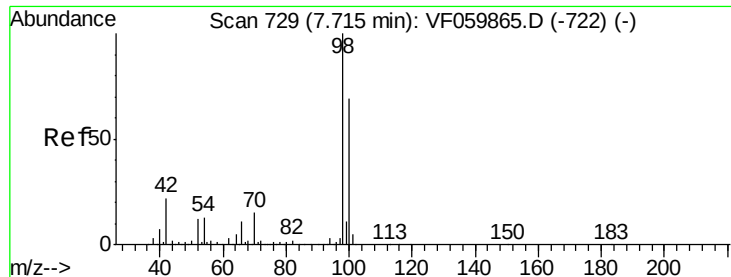


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 34.75 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF059898.D

Acq: 7 Aug 2018 1:40

Instrument :

MSVOA_F

ClientSampleId :

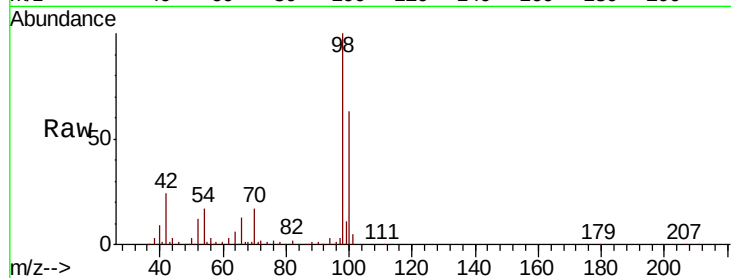
SOIL-5

Tot Ion: 98 Resp: 143258

Ion Ratio Lower Upper

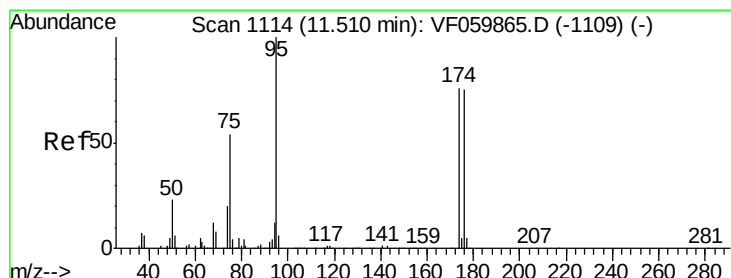
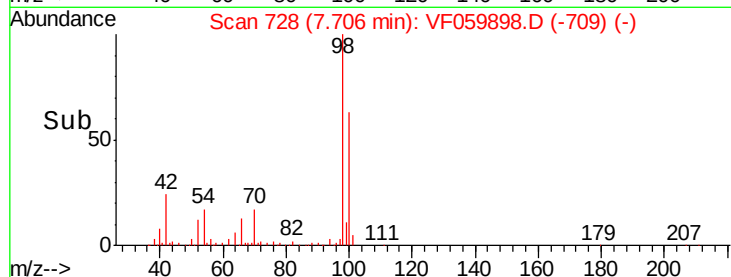
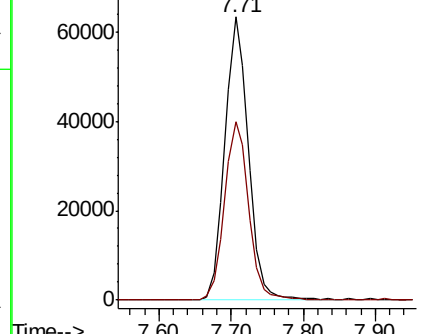
98 100

100 62.9 55.0 82.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 22.54 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059898.D

Acq: 7 Aug 2018 1:40

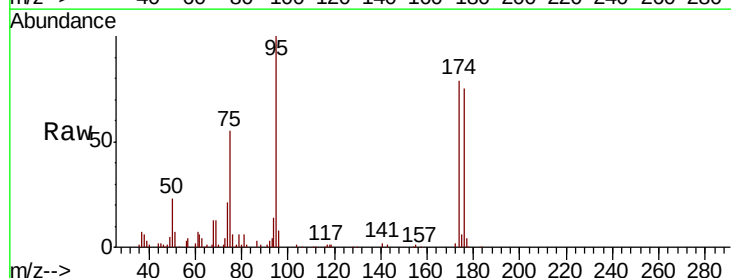
Tgt Ion: 95 Resp: 52207

Ion Ratio Lower Upper

95 100

174 78.9 0.0 151.6

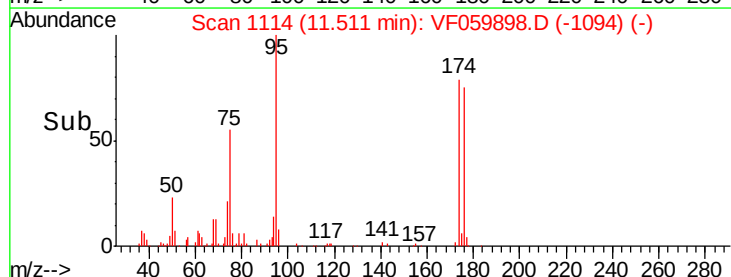
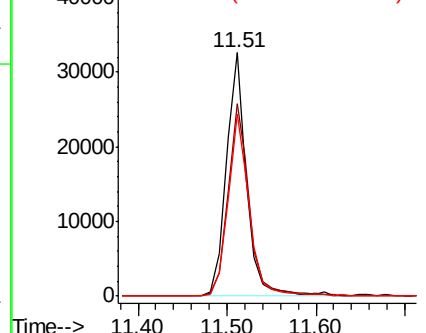
176 74.8 0.0 149.8

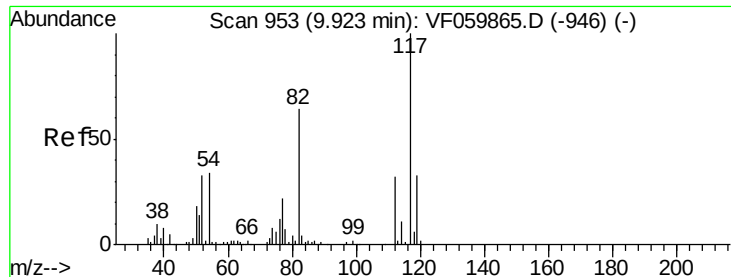


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

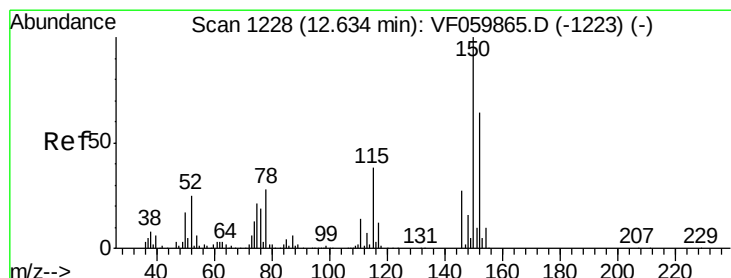
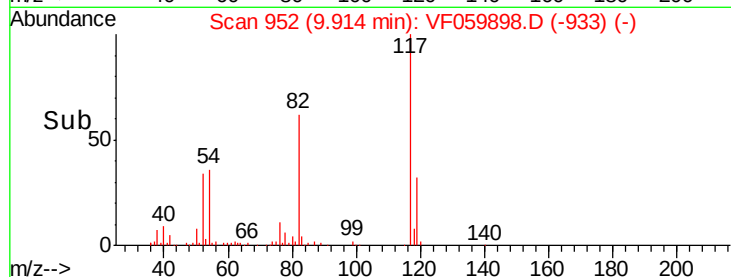
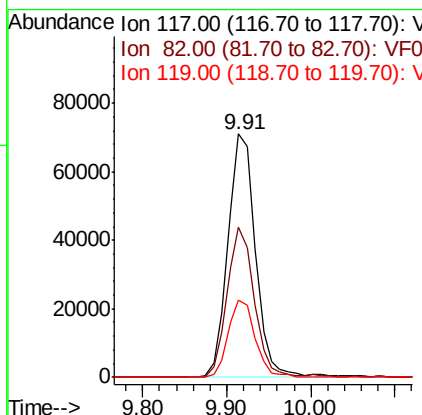
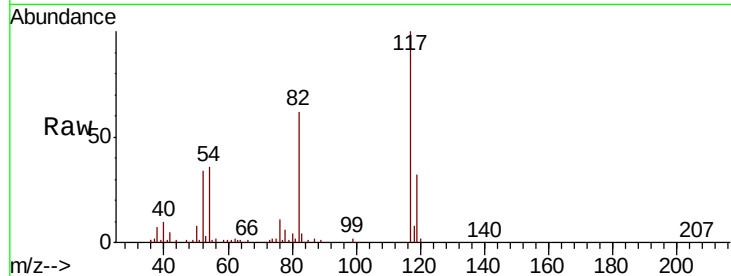




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF059898.D
Acq: 7 Aug 2018 1:40

Instrument :
MSVOA_F
ClientSampleId :
SOIL-5

Tot Ion:117 Resp: 162432
Ion Ratio Lower Upper
117 100
82 61.8 51.3 76.9
119 31.6 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059898.D
Acq: 7 Aug 2018 1:40

Tgt Ion:152 Resp: 61816
Ion Ratio Lower Upper
152 100
115 58.4 29.8 89.4
150 159.4 0.0 315.6

