

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080418\
 Data File : VF059880.D
 Acq On : 4 Aug 2018 12:33
 Operator : VA/AP
 Sample : J4333-13
 Misc : 5.55a/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-4

Quant Time: Aug 06 02:57:05 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	5.05	168	88582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	116633	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	92663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	30705	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	82886	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
35) Dibromofluoromethane	4.30	113	68090	58.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.36%	
50) Toluene-d8	7.71	98	99115	40.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.28%	
62) 4-Bromofluorobenzene	11.51	95	32583	23.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	46.96%	

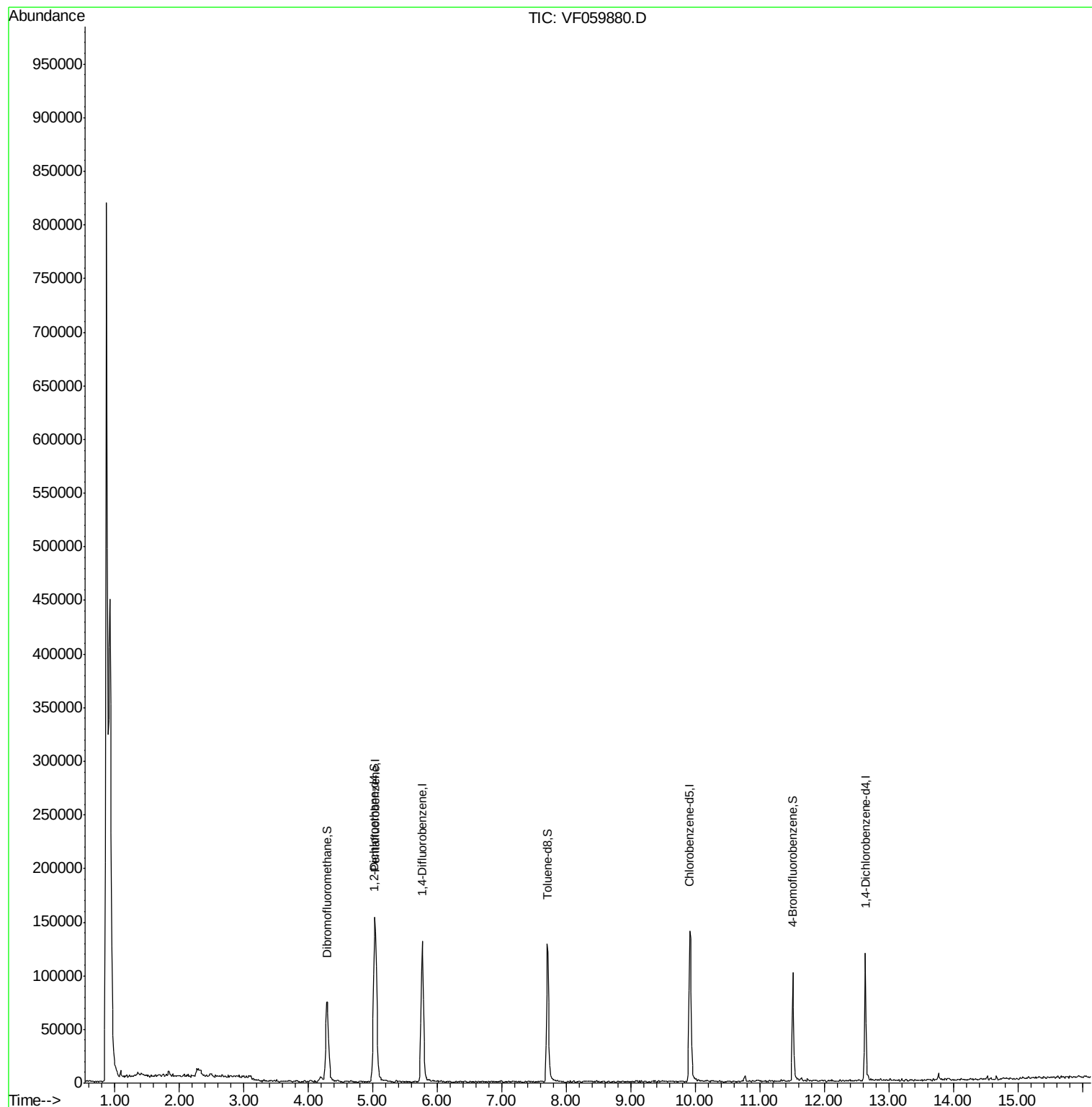
Target Compounds	Qvalue

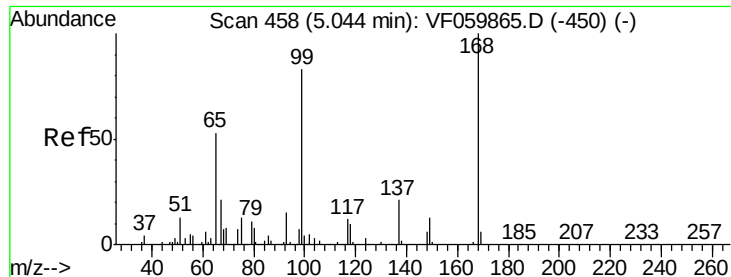
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.00 min

Lab File: VF059880.D

Acq: 4 Aug 2018 12:33

Instrument :

MSVOA_F

ClientSampleId :

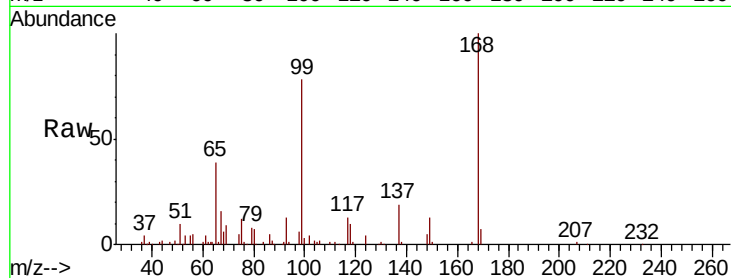
SOIL-4

Tot Ion:168 Resp: 88582

Ion Ratio Lower Upper

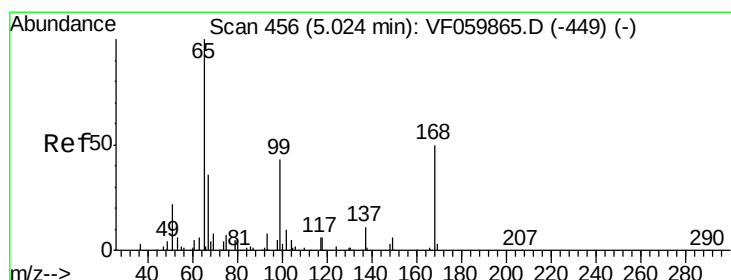
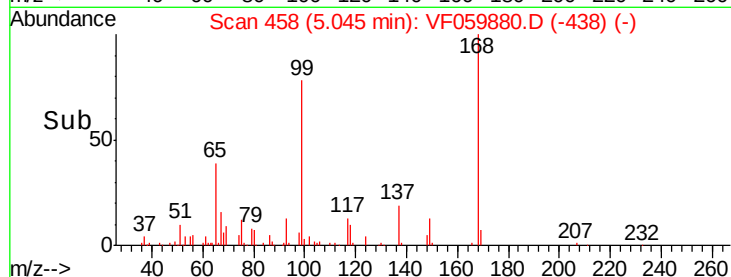
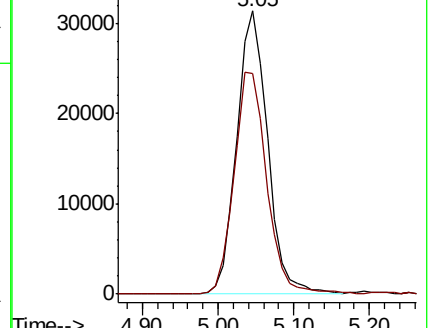
168 100

99 77.8 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: 51.90 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059880.D

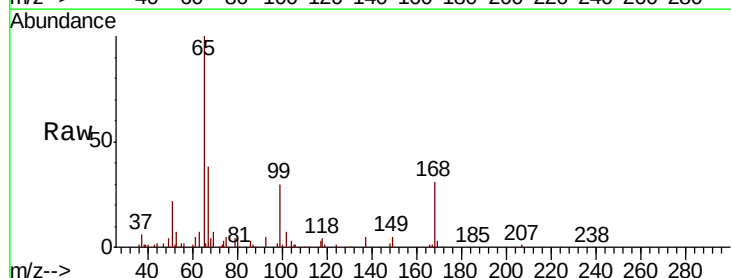
Acq: 4 Aug 2018 12:33

Tgt Ion: 65 Resp: 82886

Ion Ratio Lower Upper

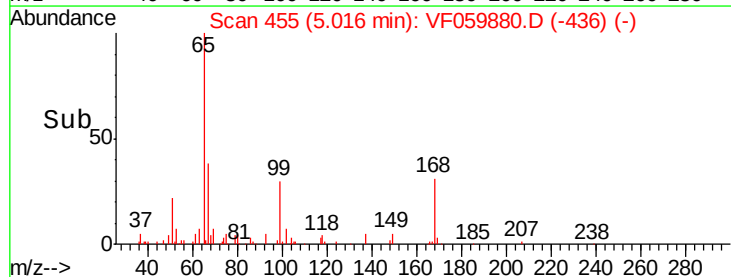
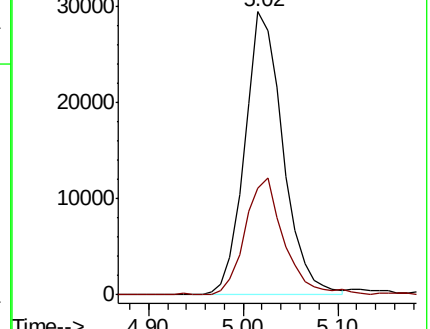
65 100

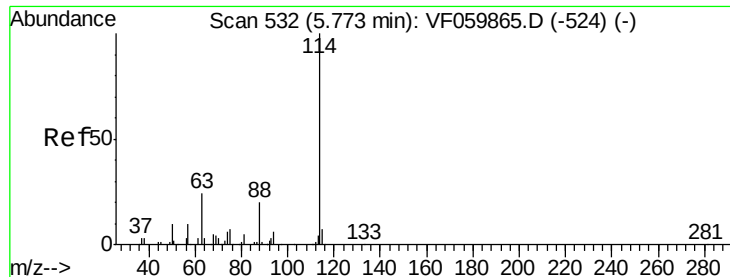
67 37.6 0.0 77.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

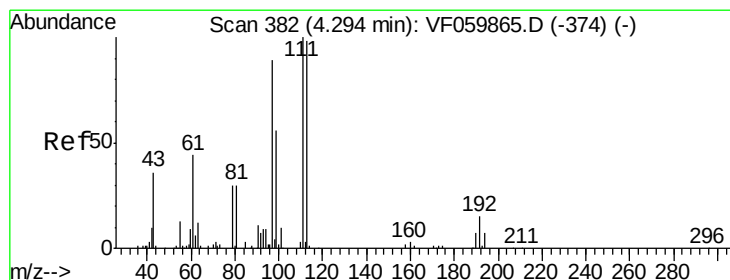
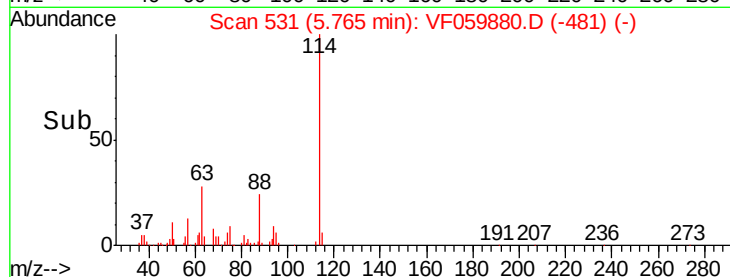
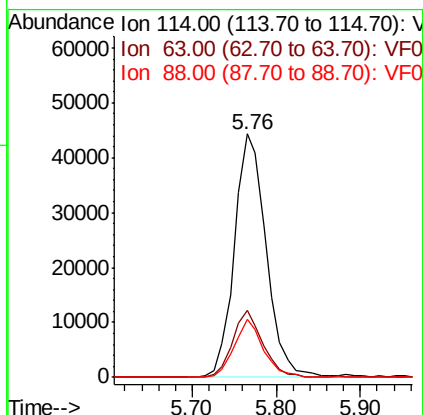
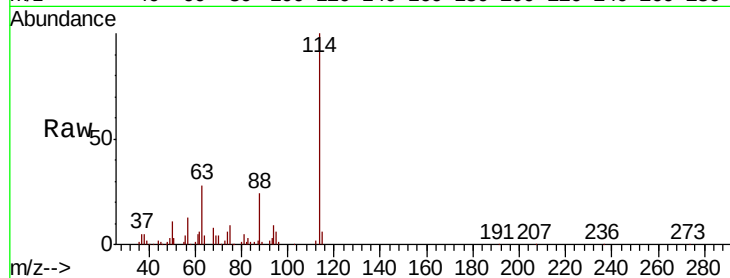




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VF059880.D
 Acq: 4 Aug 2018 12:33

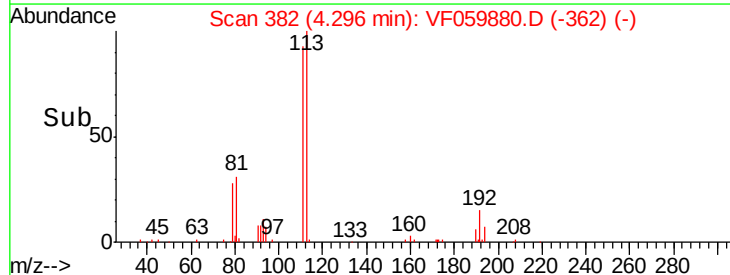
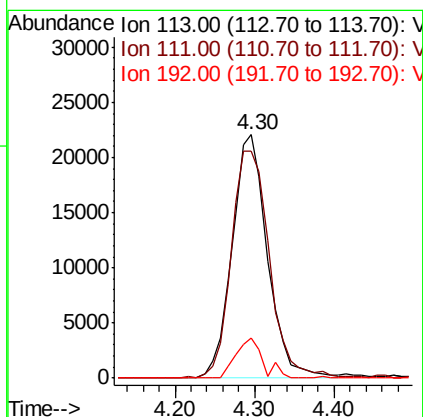
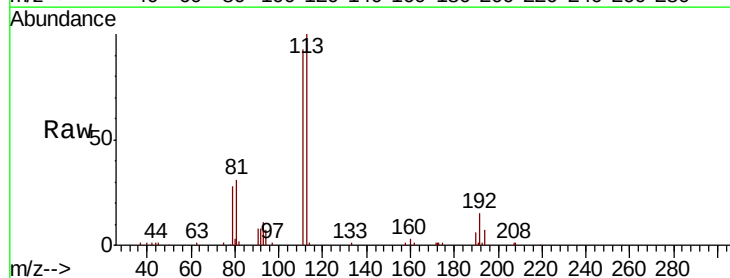
Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-4

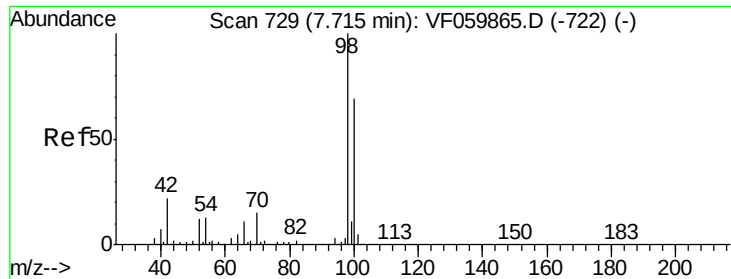
Tot Ion:114 Resp: 116633
 Ion Ratio Lower Upper
 114 100
 63 27.7 0.0 48.0
 88 23.6 0.0 39.4



#35
 Dibromofluoromethane
 Concen: 58.68 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VF059880.D
 Acq: 4 Aug 2018 12:33

Tgt Ion:113 Resp: 68090
 Ion Ratio Lower Upper
 113 100
 111 93.1 81.8 122.8
 192 16.2 12.4 18.6





#50

Toluene-d8

Concen: 40.14 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF059880.D

Acq: 4 Aug 2018 12:33

Instrument :

MSVOA_F

ClientSampleId :

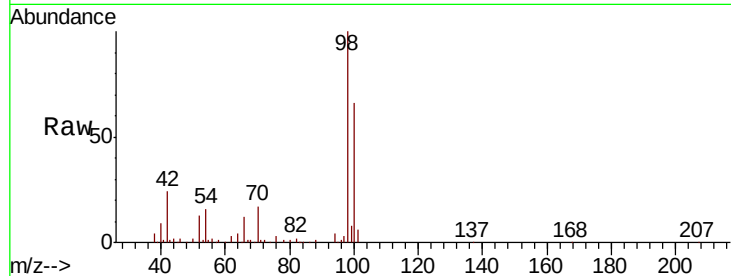
SOIL-4

Tot Ion: 98 Resp: 99115

Ion Ratio Lower Upper

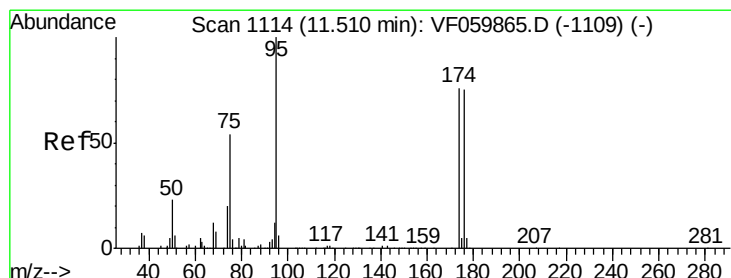
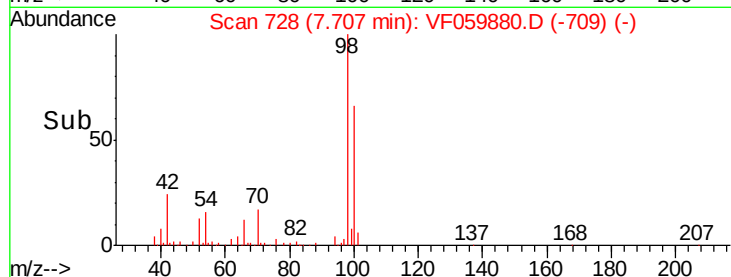
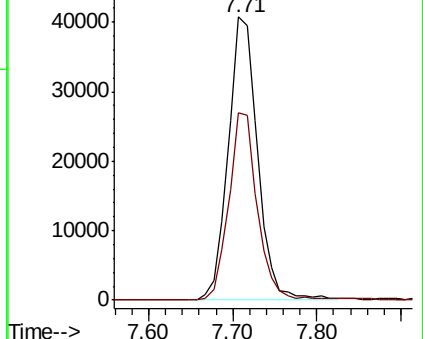
98 100

100 66.2 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: 23.48 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059880.D

Acq: 4 Aug 2018 12:33

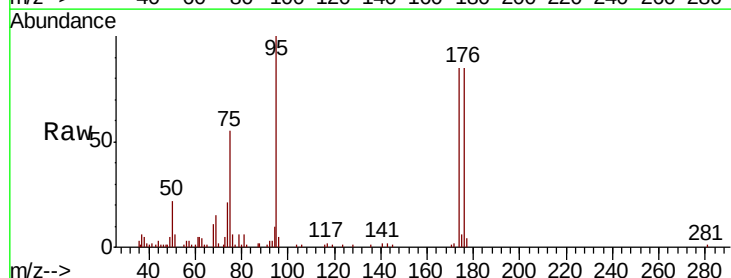
Tgt Ion: 95 Resp: 32583

Ion Ratio Lower Upper

95 100

174 84.7 0.0 151.6

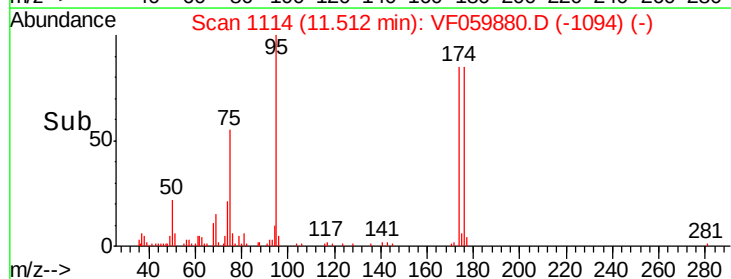
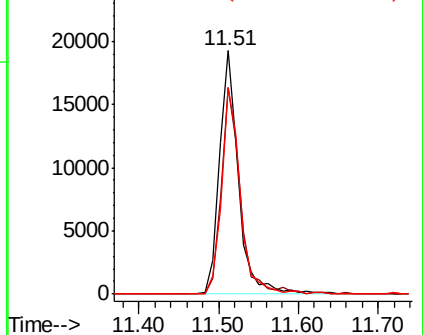
176 84.9 0.0 149.8

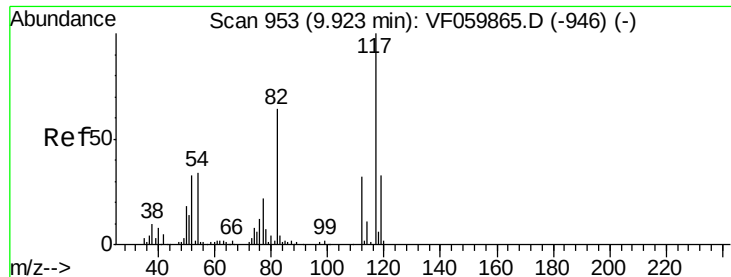


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

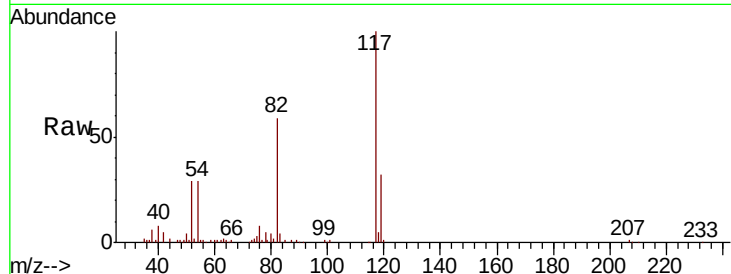




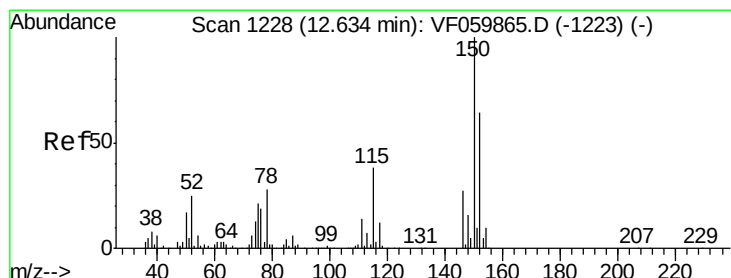
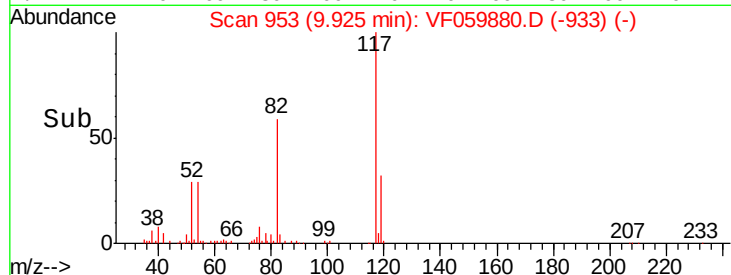
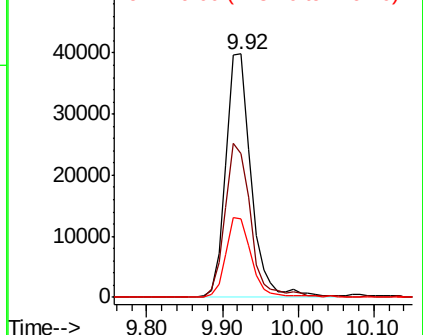
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059880.D
Acq: 4 Aug 2018 12:33

Instrument :
MSVOA_F
ClientSampled :
SOIL-4

Tot Ion:117 Resp: 92663
Ion Ratio Lower Upper
117 100
82 59.0 51.3 76.9
119 32.2 26.4 39.6

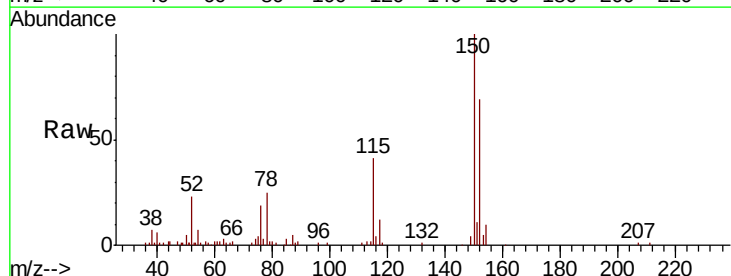


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059880.D
Acq: 4 Aug 2018 12:33

Tgt Ion:152 Resp: 30705
Ion Ratio Lower Upper
152 100
115 59.0 29.8 89.4
150 145.6 0.0 315.6



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

