

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080618\
 Data File : VF059896.D
 Acq On : 7 Aug 2018 00:44
 Operator : VA/AP
 Sample : J4333-09RE
 Misc : 5.53g/5mL/MSVOA F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-3RE

Quant Time: Aug 07 04:22:24 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	138530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	197348	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	147289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	51269	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	125411	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	4.29	113	95169	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
50) Toluene-d8	7.71	98	137782	32.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.96%	
62) 4-Bromofluorobenzene	11.51	95	43341	18.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.92%	

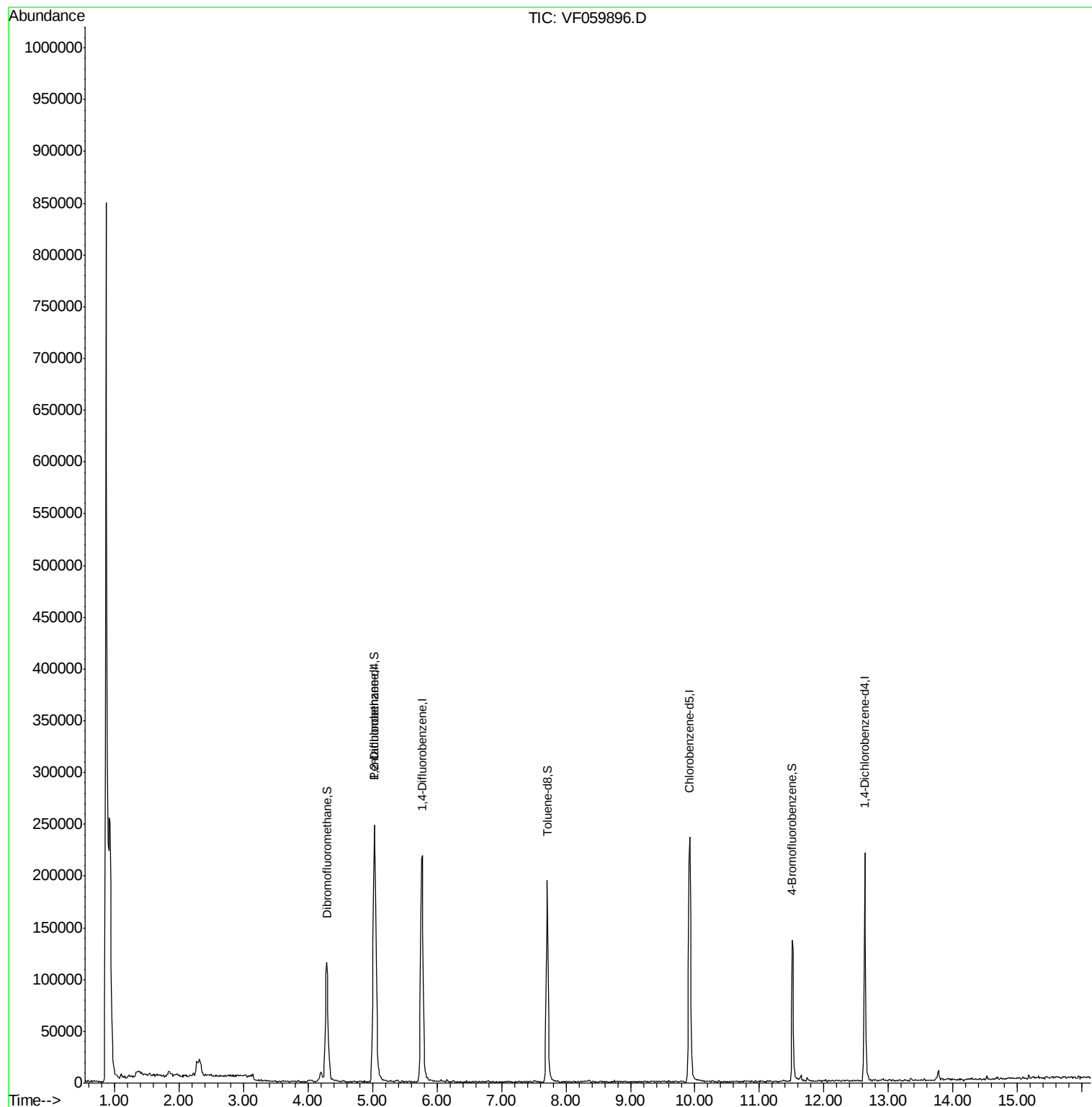
Target Compounds	Qvalue

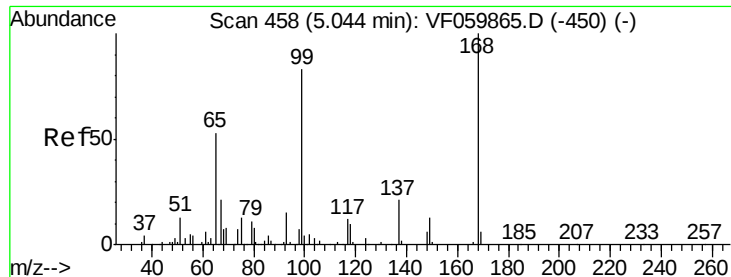
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.00 min

Lab File: VF059896.D

Acq: 7 Aug 2018 00:44

Instrument :

MSVOA_F

ClientSampled :

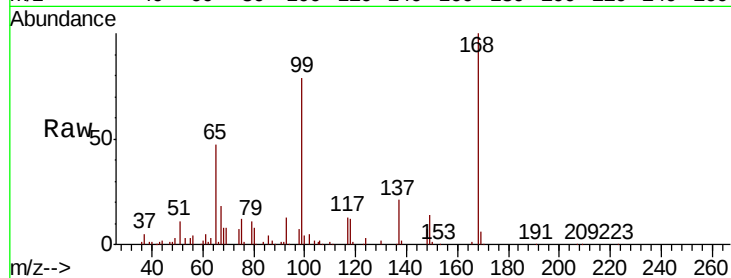
SOIL-3RE

Tot Ion:168 Resp: 138530

Ion Ratio Lower Upper

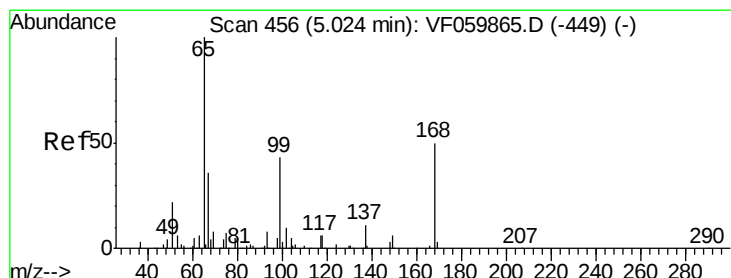
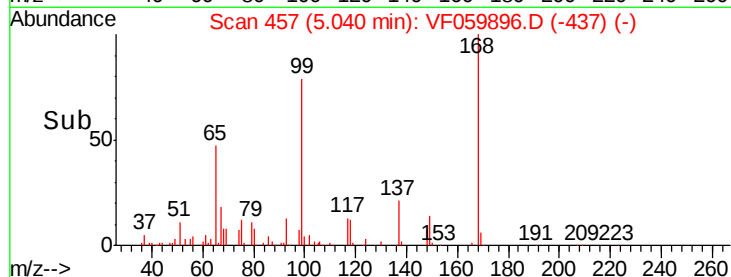
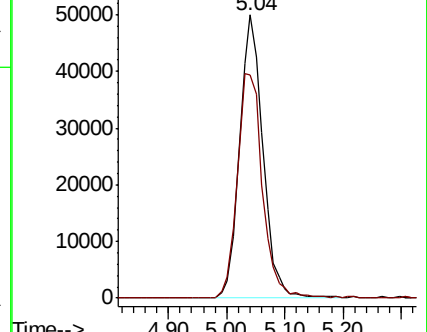
168 100

99 79.0 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: 50.22 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.00 min

Lab File: VF059896.D

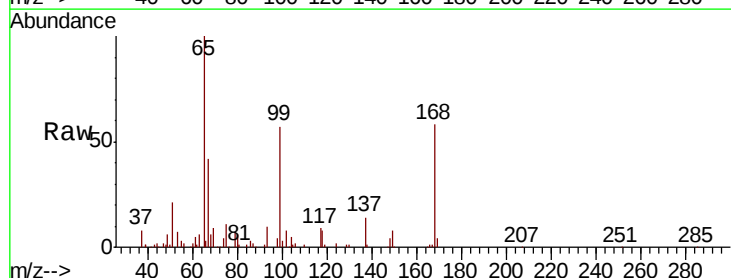
Acq: 7 Aug 2018 00:44

Tgt Ion: 65 Resp: 125411

Ion Ratio Lower Upper

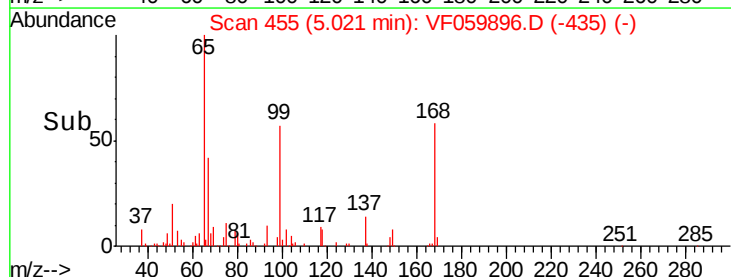
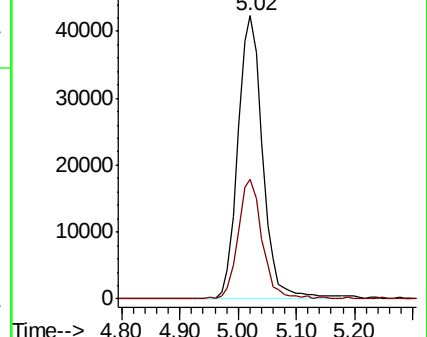
65 100

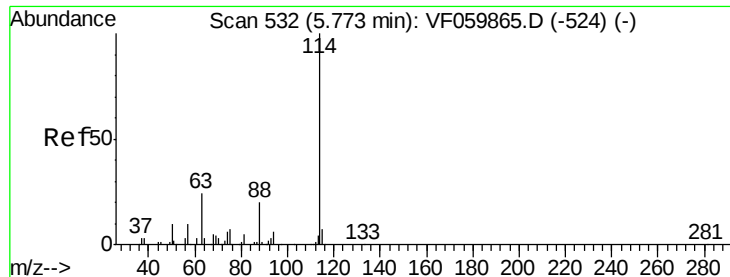
67 42.3 0.0 77.2



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: 5.77 min Scan# 531

Delta R.T. -0.00 min

Lab File: VF059896.D

Acq: 7 Aug 2018 00:44

Instrument :

MSVOA_F

ClientSampleId :

SOIL-3RE

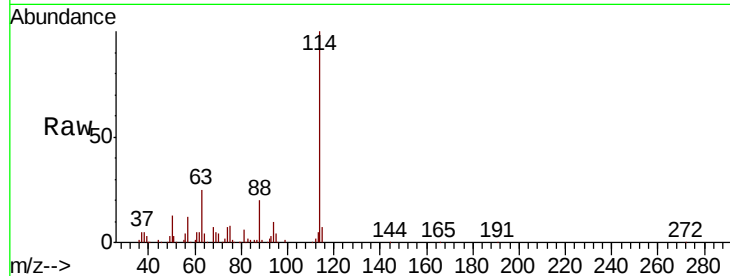
Tot Ion:114 Resp: 197348

Ion Ratio Lower Upper

114 100

63 24.5 0.0 48.0

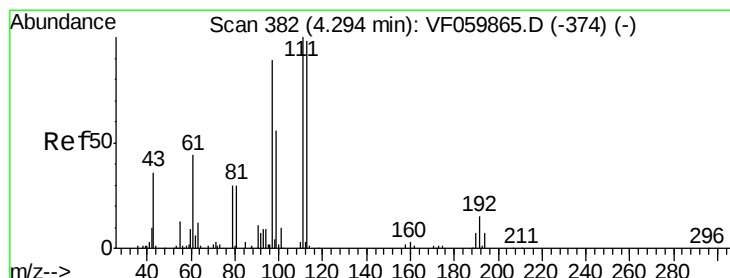
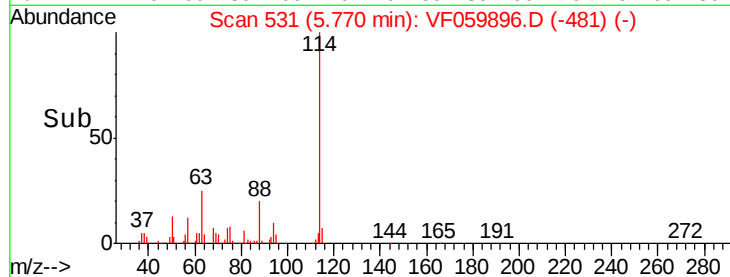
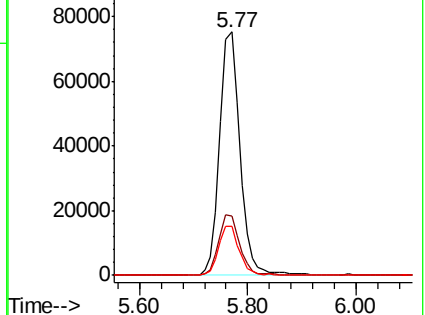
88 20.2 0.0 39.4



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: 48.47 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.00 min

Lab File: VF059896.D

Acq: 7 Aug 2018 00:44

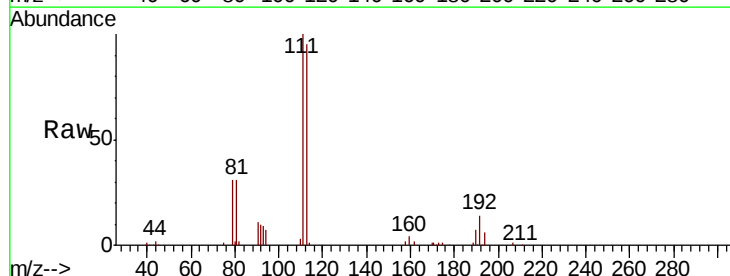
Tgt Ion:113 Resp: 95169

Ion Ratio Lower Upper

113 100

111 105.0 81.8 122.8

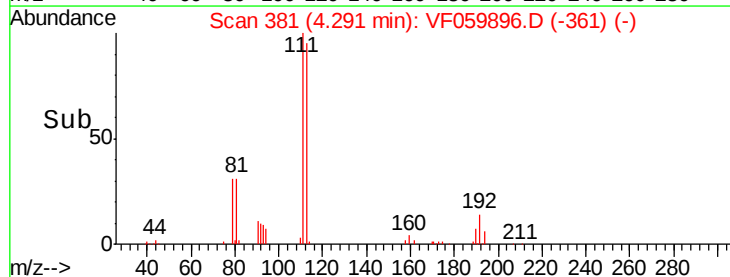
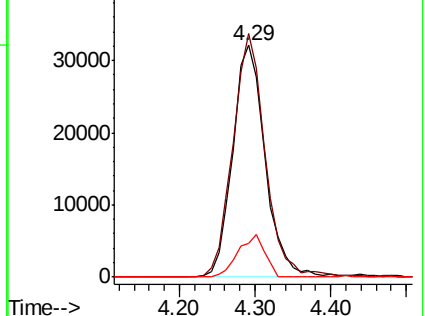
192 14.4 12.4 18.6

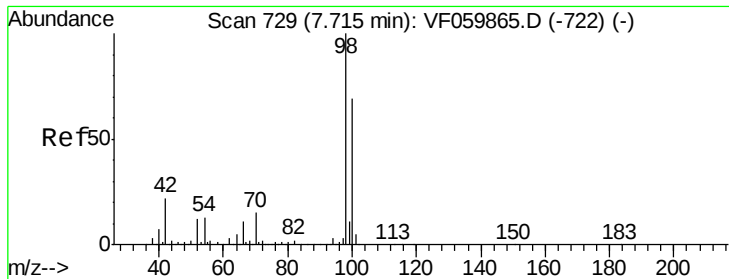


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 32.98 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.00 min

Lab File: VF059896.D

Acq: 7 Aug 2018 00:44

Instrument :

MSVOA_F

ClientSampleId :

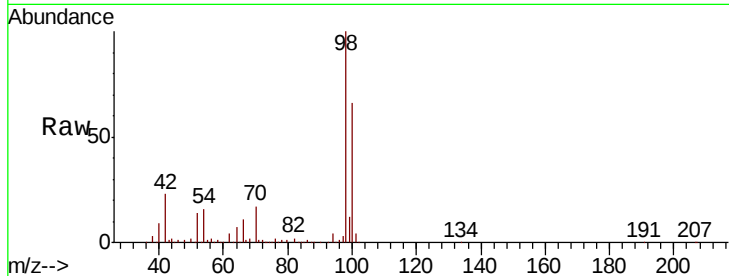
SOIL-3RE

Tot Ion: 98 Resp: 137782

Ion Ratio Lower Upper

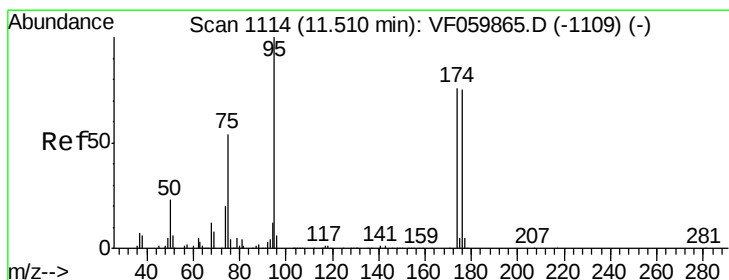
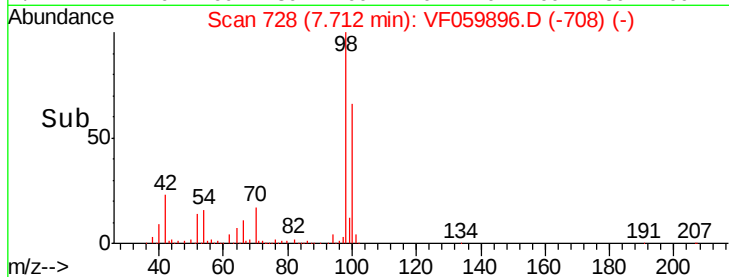
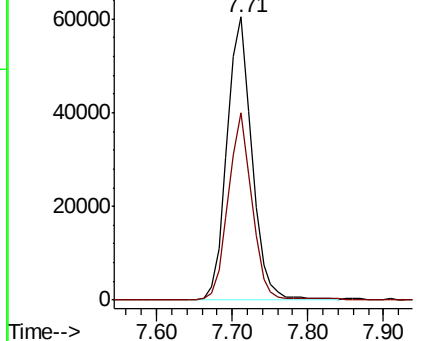
98 100

100 66.0 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: 18.46 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059896.D

Acq: 7 Aug 2018 00:44

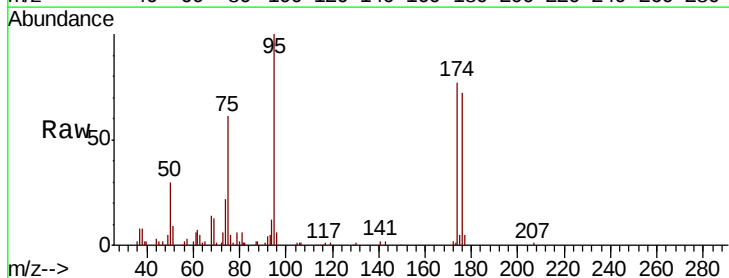
Tgt Ion: 95 Resp: 43341

Ion Ratio Lower Upper

95 100

174 77.1 0.0 151.6

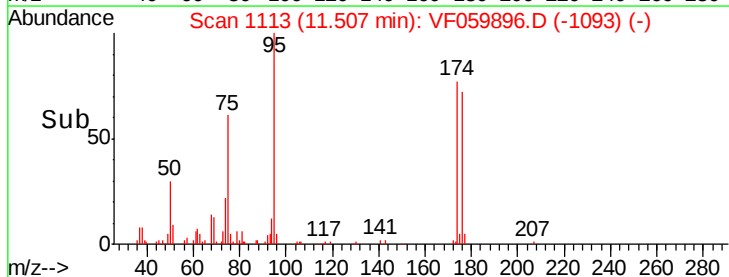
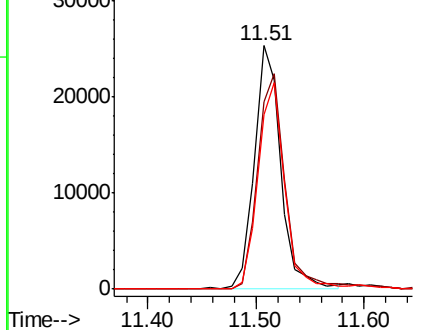
176 71.6 0.0 149.8

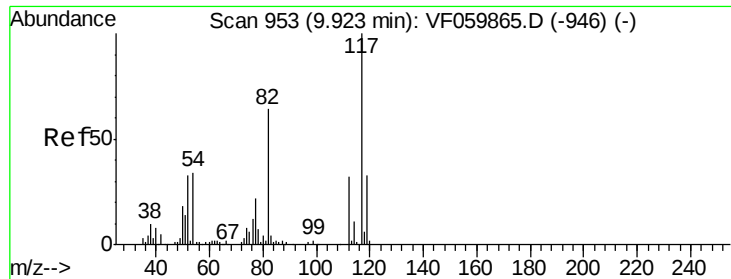


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

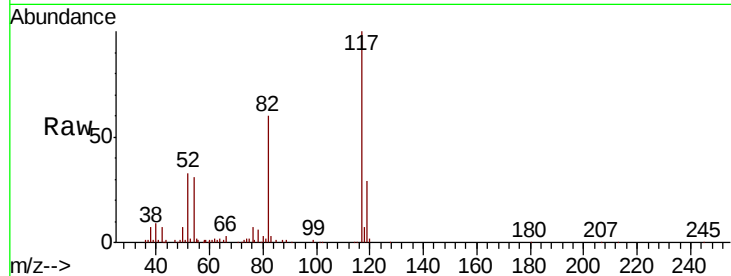




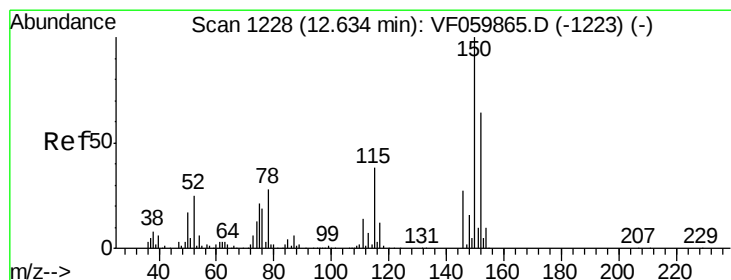
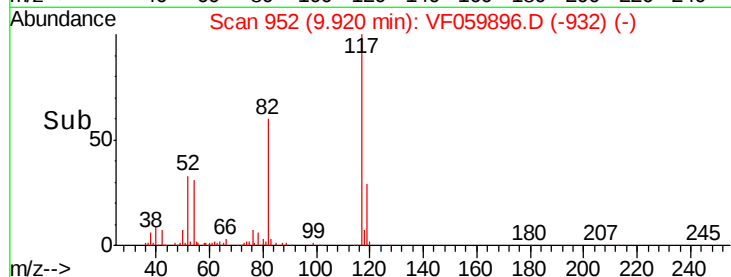
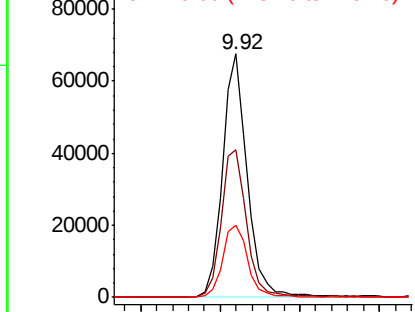
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.00 min
Lab File: VF059896.D
Acq: 7 Aug 2018 00:44

Instrument :
MSVOA_F
ClientSampleId :
SOIL-3RE

Tot Ion:117 Resp: 147289
Ion Ratio Lower Upper
117 100
82 60.4 51.3 76.9
119 29.5 26.4 39.6

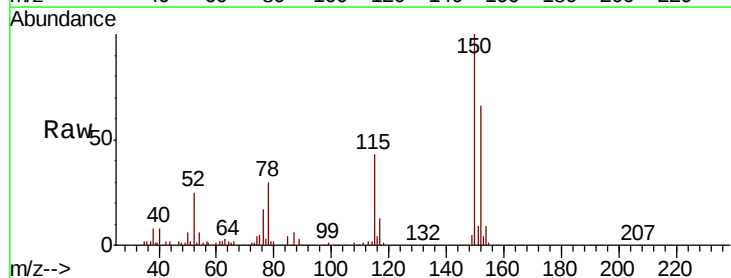


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059896.D
Acq: 7 Aug 2018 00:44

Tgt Ion:152 Resp: 51269
Ion Ratio Lower Upper
152 100
115 64.4 29.8 89.4
150 150.9 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

