

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072018\
 Data File : VF059604.D
 Acq On : 21 Jul 2018 2:00
 Operator : VA/AP
 Sample : J4057-13
 Misc : 6.08g/5mL/MSVOA F/SOIL
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 LS-SOIL-4

Quant Time: Jul 21 04:32:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	194993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	276638	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	239657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	106371	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	109771	36.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.40%	
35) Dibromofluoromethane	4.30	113	111422	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
50) Toluene-d8	7.72	98	213108	35.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.62%	
62) 4-Bromofluorobenzene	11.51	95	101221	31.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.94%	

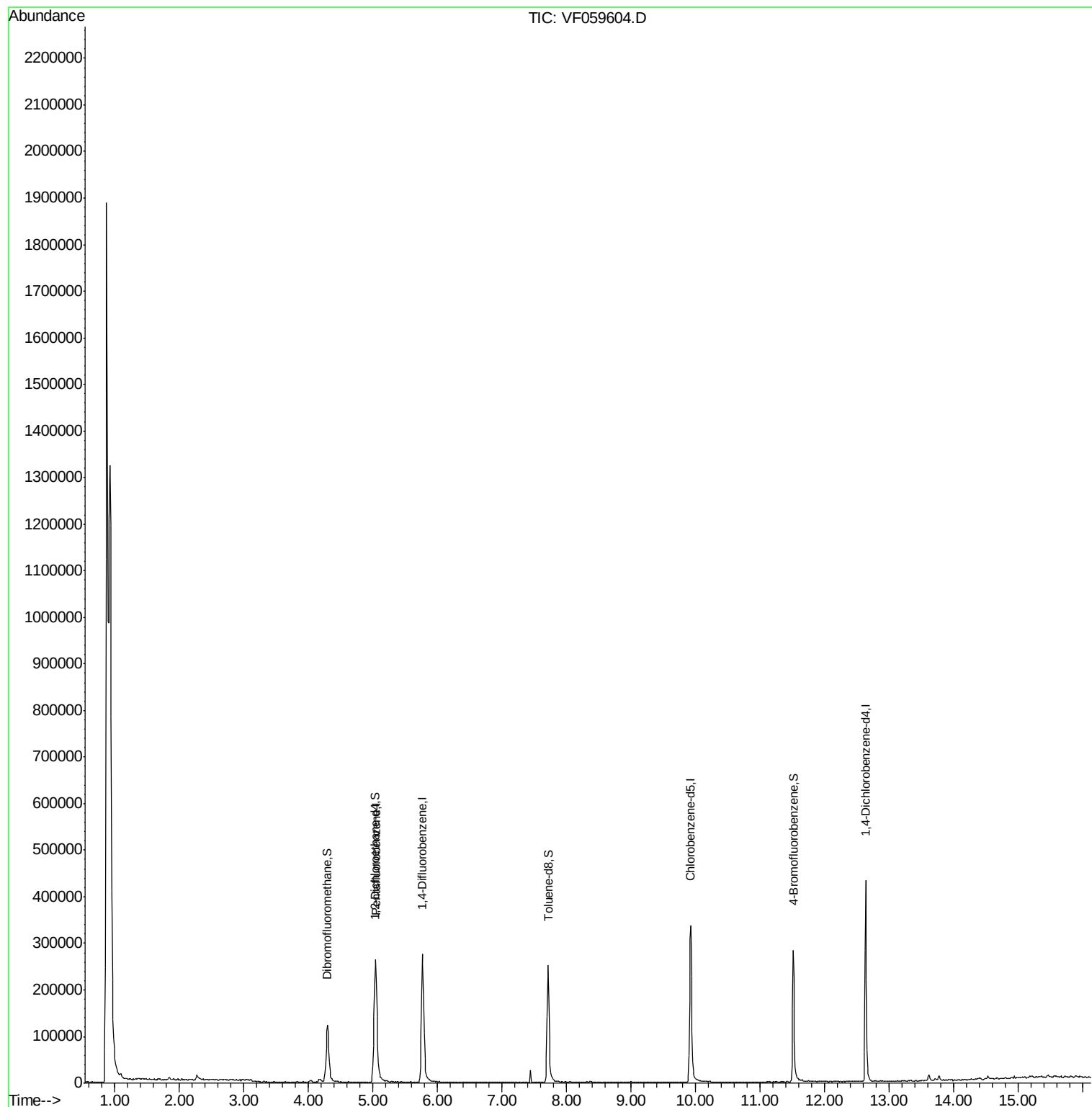
Target Compounds	Qvalue
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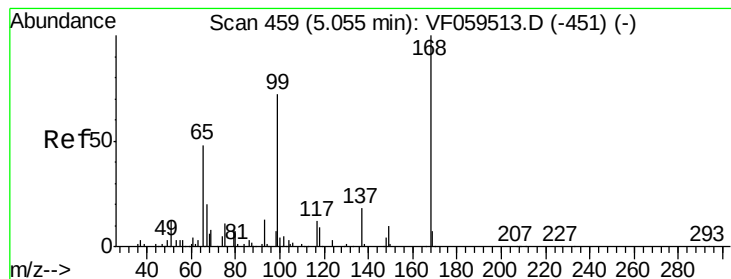
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF059604.D

Acq: 21 Jul 2018 2:00

Instrument :

MSVOA_F

ClientSampleId :

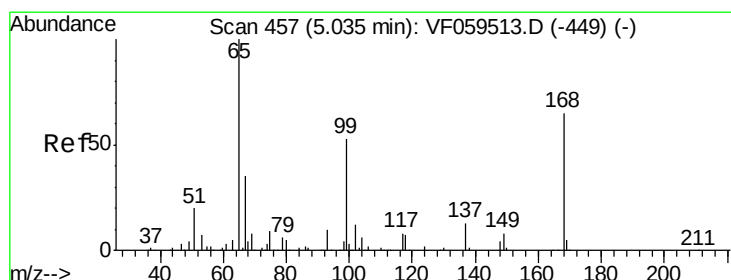
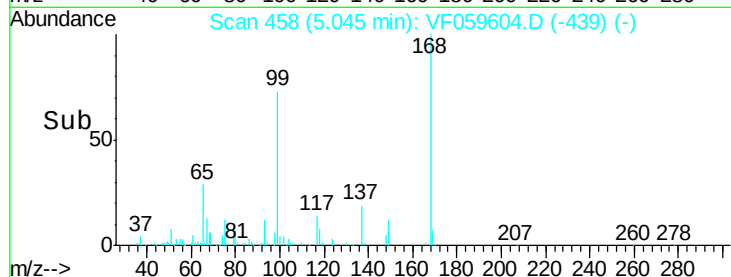
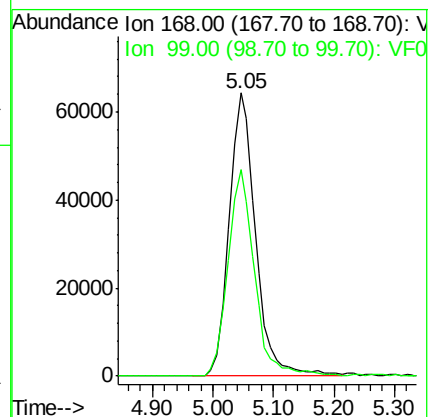
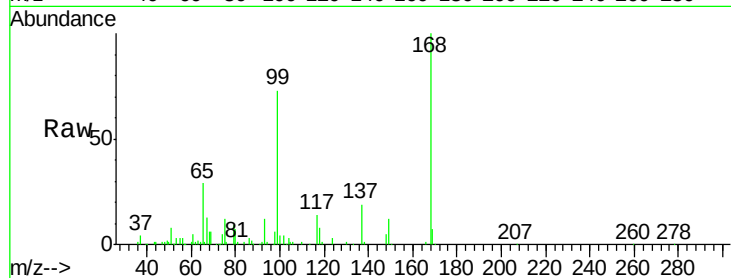
LS-SOIL-4

Tot Ion:168 Resp: 194993

Ion Ratio Lower Upper

168 100

99 73.1 57.6 86.4



#33

1,2-Dichloroethane-d4

Concen: 36.20 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.01 min

Lab File: VF059604.D

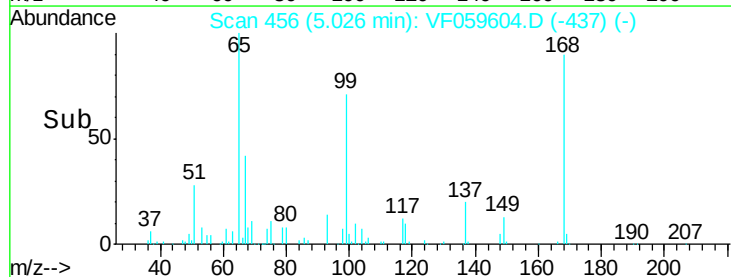
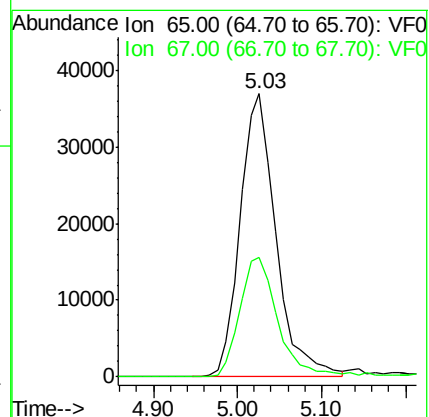
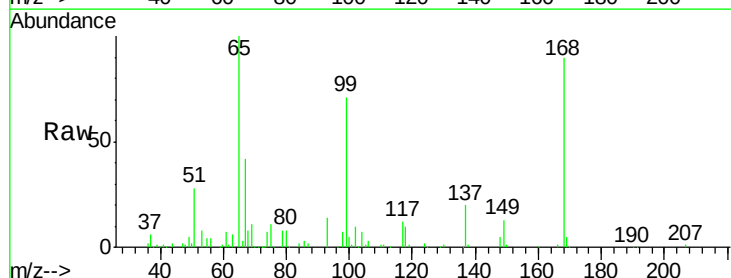
Acq: 21 Jul 2018 2:00

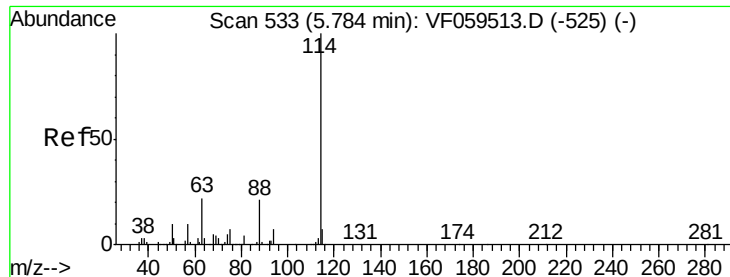
Tgt Ion: 65 Resp: 109771

Ion Ratio Lower Upper

65 100

67 42.1 0.0 91.2

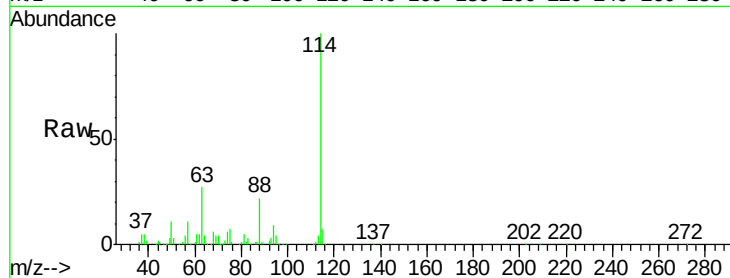




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.76 min Scan# 531
Delta R.T. -0.02 min
Lab File: VF059604.D
Acq: 21 Jul 2018 2:00

Instrument :
MSVOA_F
ClientSampleId :
LS-SOIL-4

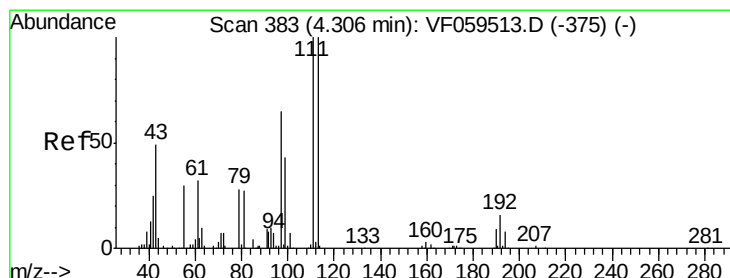
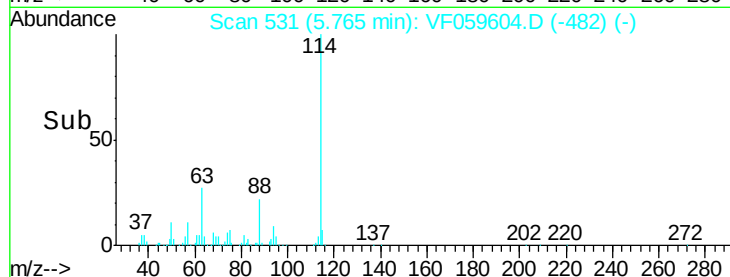
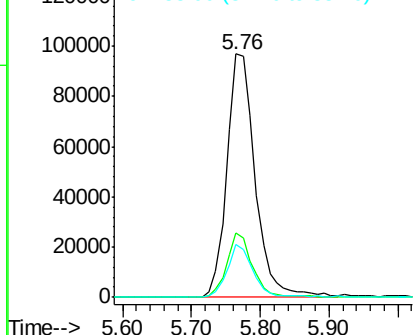
Tot Ion	Ratio	Lower	Upper
114	100		
63	26.6	0.0	44.8
88	21.8	0.0	42.6



Abundance Ion 114.00 (113.70 to 114.70): V

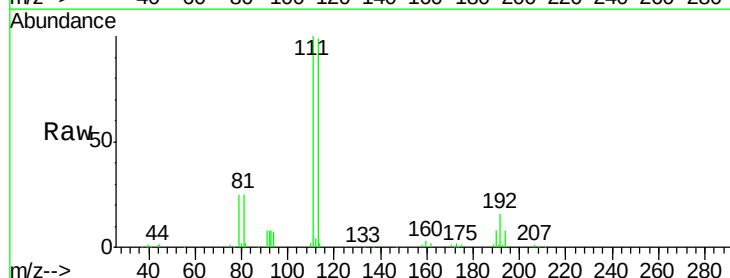
Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35
Dibromofluoromethane
Concen: 46.51 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF059604.D
Acq: 21 Jul 2018 2:00

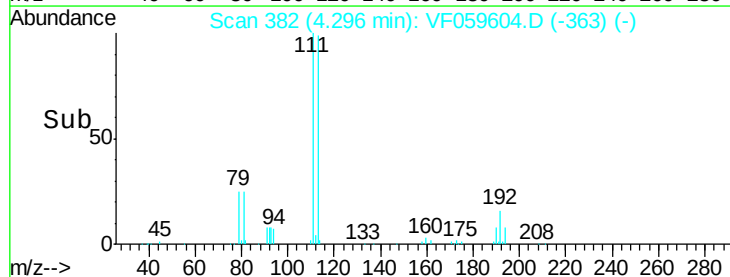
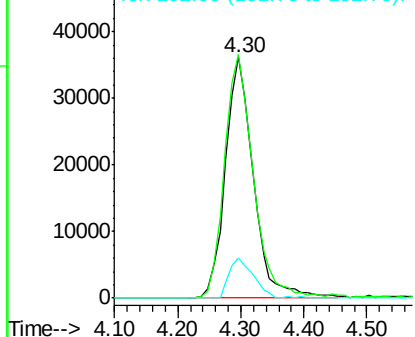
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.3	120.5
192	16.4	13.1	19.7

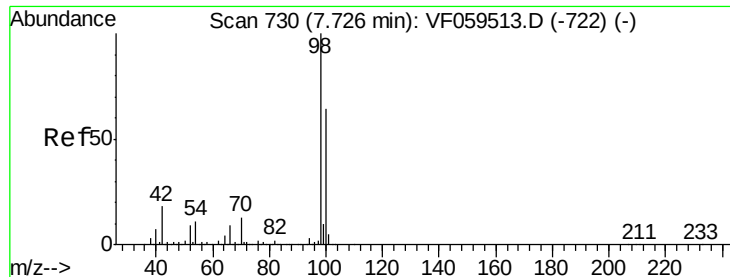


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

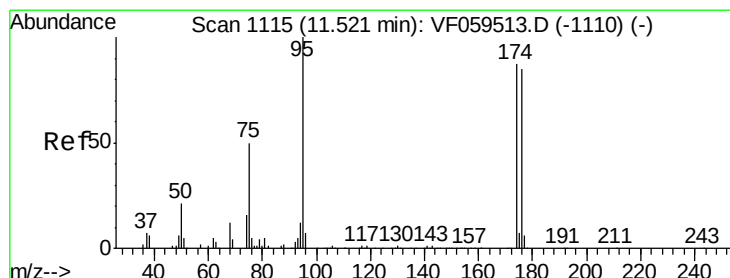
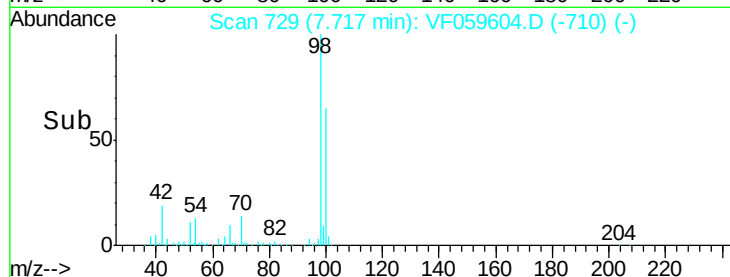
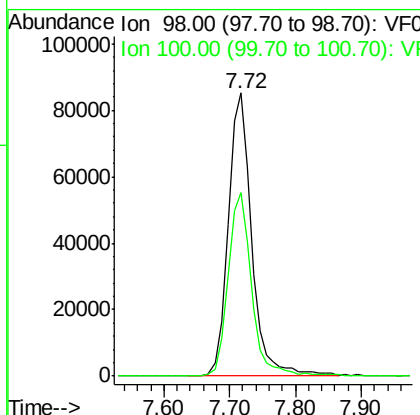
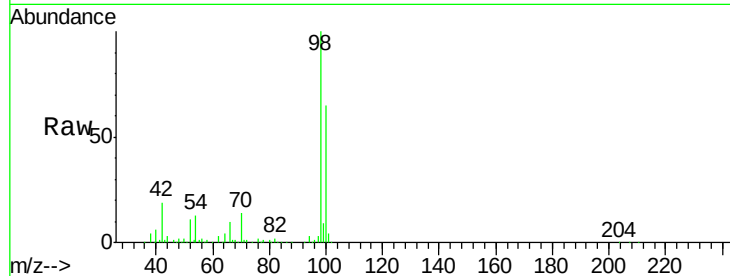




#50
Toluene-d8
Concen: 35.31 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.01 min
Lab File: VF059604.D
Acq: 21 Jul 2018 2:00

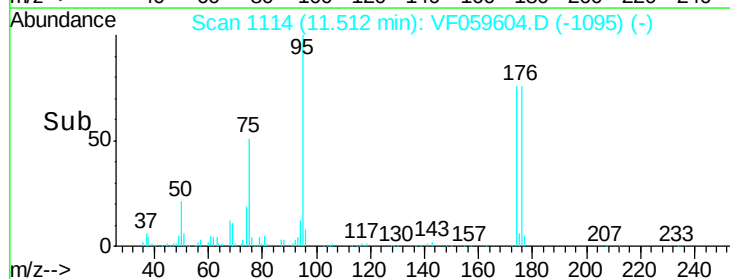
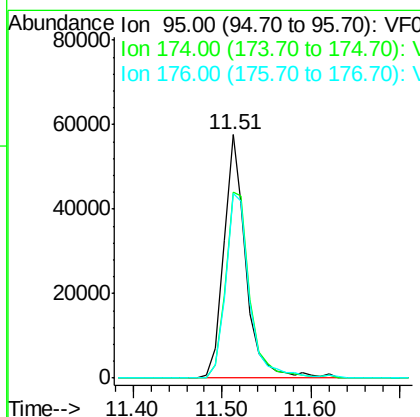
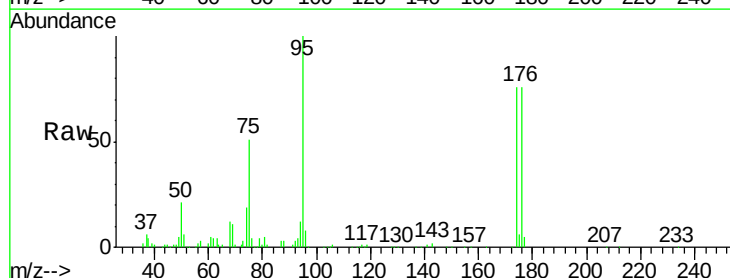
Instrument :
MSVOA_F
ClientSampleId :
LS-SOIL-4

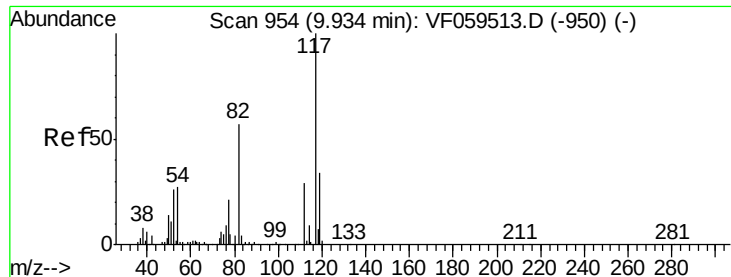
Tot Ion: 98 Resp: 213108
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 31.97 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF059604.D
Acq: 21 Jul 2018 2:00

Tgt Ion: 95 Resp: 101221
Ion Ratio Lower Upper
95 100
174 76.5 0.0 174.4
176 76.1 0.0 169.4

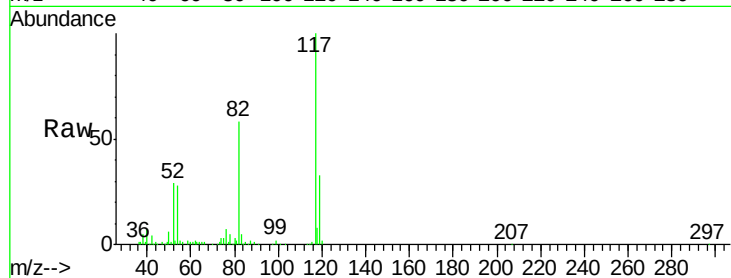




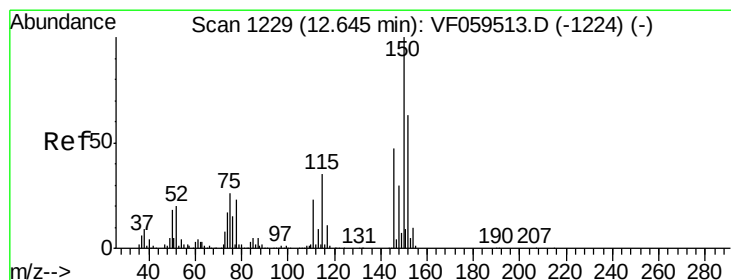
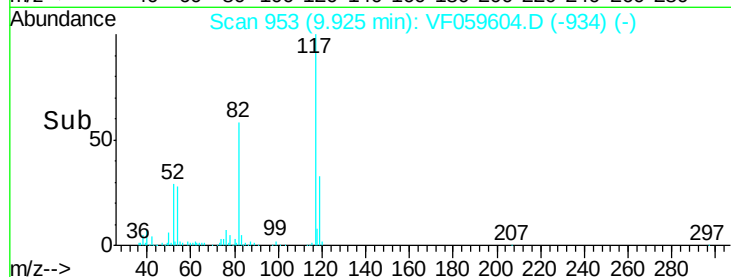
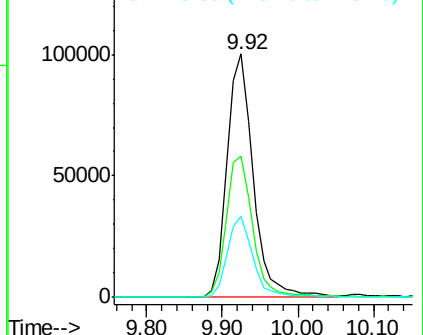
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF059604.D
Acq: 21 Jul 2018 2:00

Instrument :
MSVOA_F
ClientSampled :
LS-SOIL-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.1	69.1
119	33.4	27.2	40.8

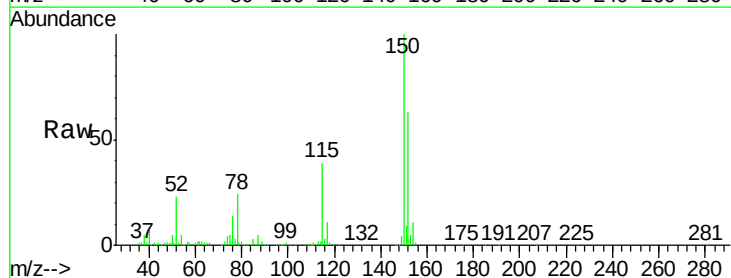


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VF059604.D
Acq: 21 Jul 2018 2:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	27.8	83.3
150	158.4	0.0	318.4



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

