

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059574.D
 Acq On : 20 Jul 2018 00:08
 Operator : VA/AP
 Sample : J4057-01
 Misc : 5.28g/5mL/MSVOA F/SOIL
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 LS-SOIL-1

Quant Time: Jul 20 06:56:40 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	5.04	168	43060	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	49794	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	25419	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	6723	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	11272	16.83	ug/l	-0.02
Spiked Amount			Recovery	=	33.66%	
35) Dibromofluoromethane	4.30	113	14160	32.83	ug/l	0.00
Spiked Amount			Recovery	=	65.66%	
50) Toluene-d8	7.71	98	33641	30.97	ug/l	-0.02
Spiked Amount			Recovery	=	61.94%	
62) 4-Bromofluorobenzene	11.51	95	9877	17.33	ug/l	-0.02
Spiked Amount			Recovery	=	34.66%	

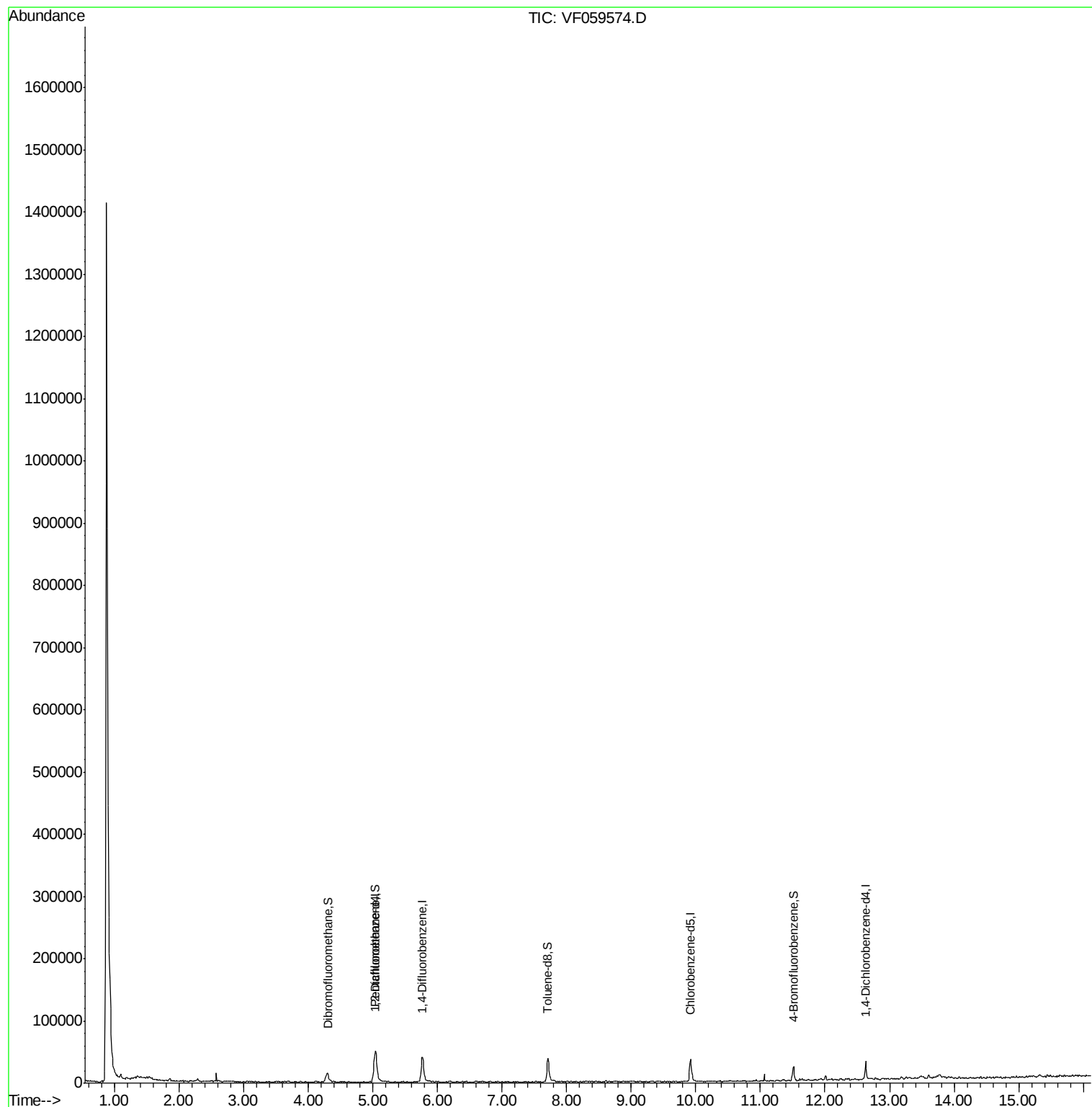
Target Compounds	Qvalue

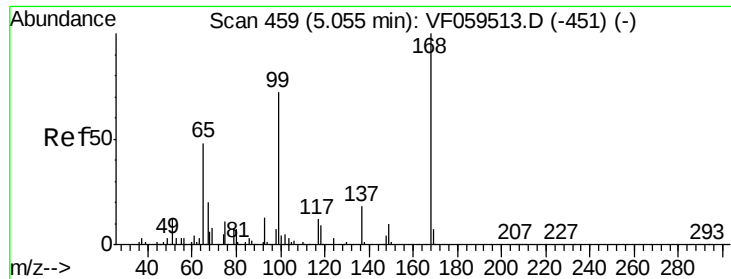
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF059574.D

Acq: 20 Jul 2018 00:08

Instrument :

MSVOA_F

ClientSampleId :

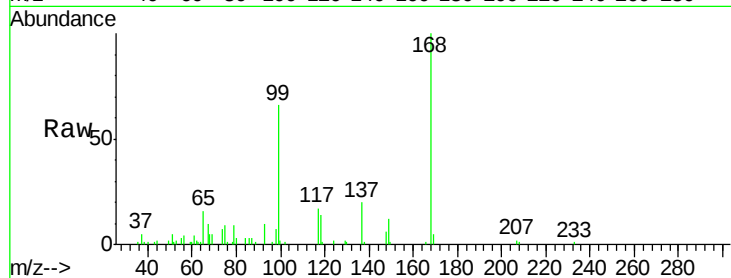
LS-SOIL-1

Tot Ion:168 Resp: 43060

Ion Ratio Lower Upper

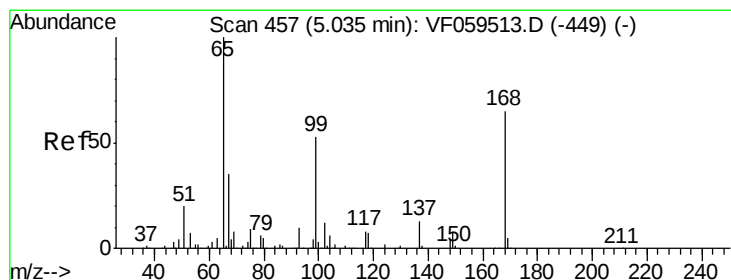
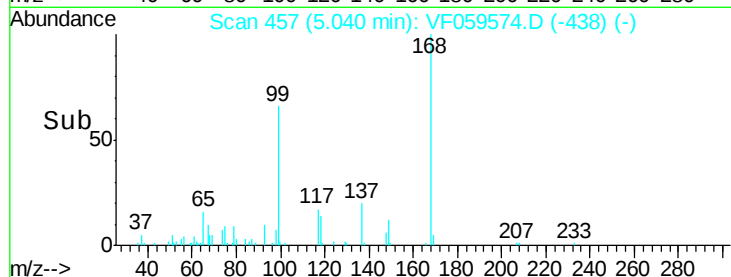
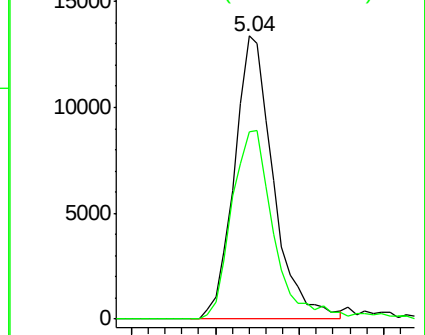
168 100

99 66.0 57.6 86.4



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: 16.83 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.02 min

Lab File: VF059574.D

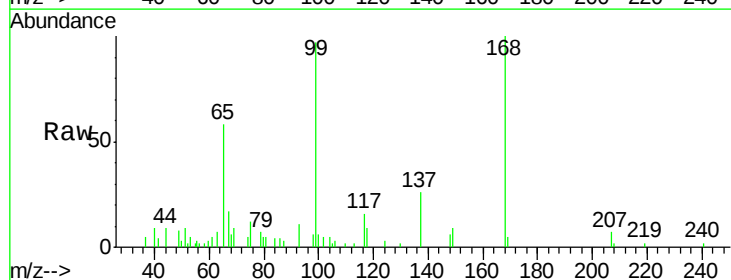
Acq: 20 Jul 2018 00:08

Tgt Ion: 65 Resp: 11272

Ion Ratio Lower Upper

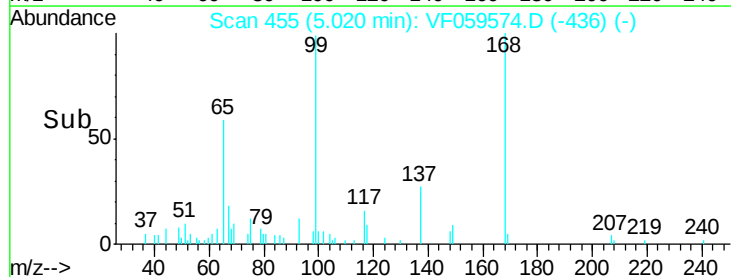
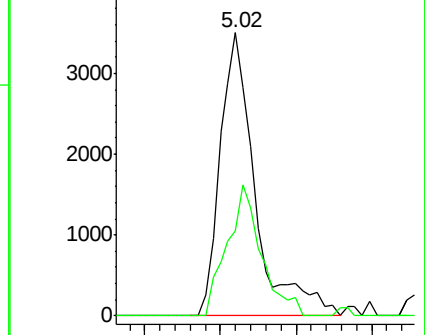
65 100

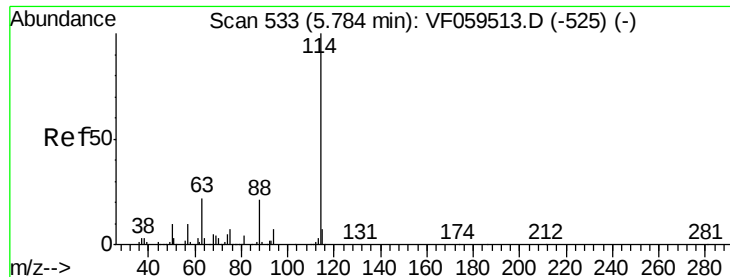
67 29.9 0.0 91.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

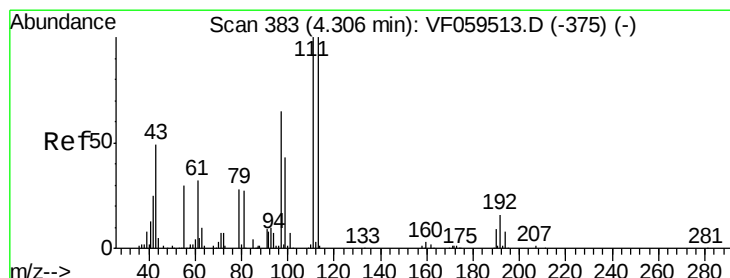
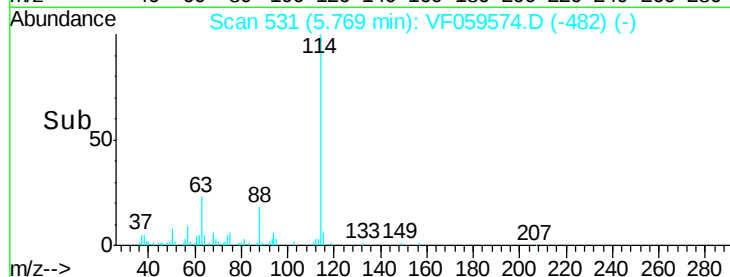
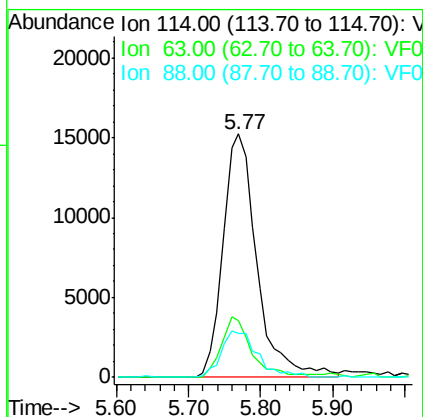
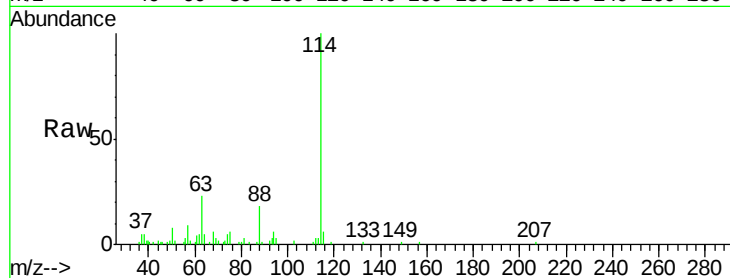




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.77 min Scan# 531
Delta R.T. -0.02 min
Lab File: VF059574.D
Acq: 20 Jul 2018 00:08

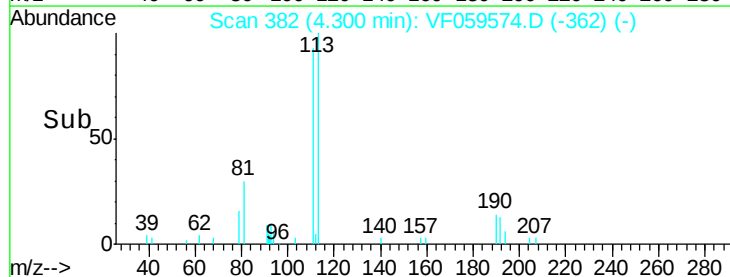
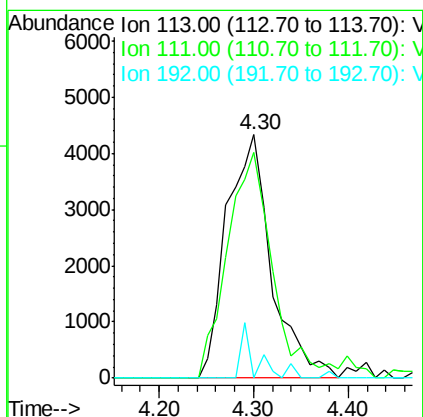
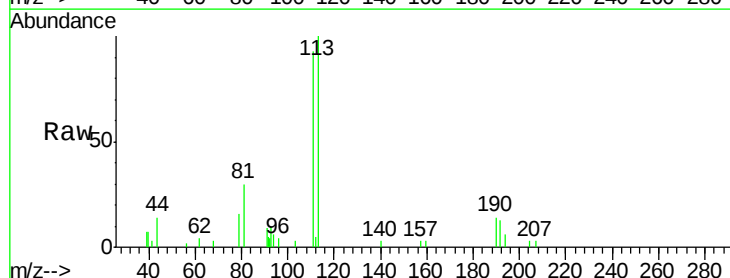
Instrument :
MSVOA_F
ClientSampleId :
LS-SOIL-1

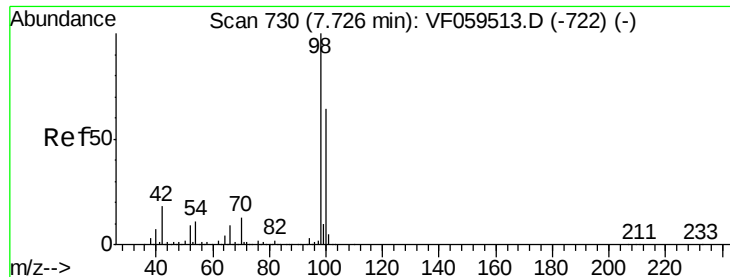
Tot Ion:114 Resp: 49794
Ion Ratio Lower Upper
114 100
63 23.1 0.0 44.8
88 18.2 0.0 42.6



#35
Dibromofluoromethane
Concen: 32.83 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF059574.D
Acq: 20 Jul 2018 00:08

Tgt Ion:113 Resp: 14160
Ion Ratio Lower Upper
113 100
111 92.9 80.3 120.5
192 0.0 13.1 19.7#





#50

Toluene-d8

Concen: 30.97 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.02 min

Lab File: VF059574.D

Acq: 20 Jul 2018 00:08

Instrument :

MSVOA_F

ClientSampled :

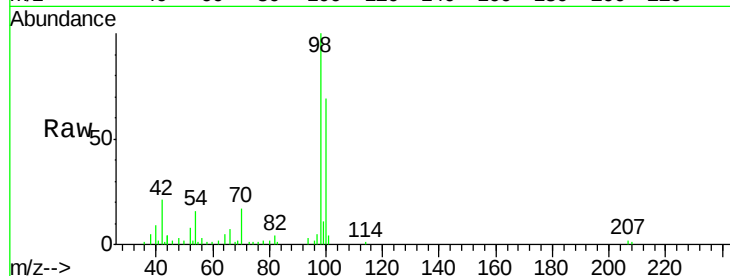
LS-SOIL-1

Tot Ion: 98 Resp: 33641

Ion Ratio Lower Upper

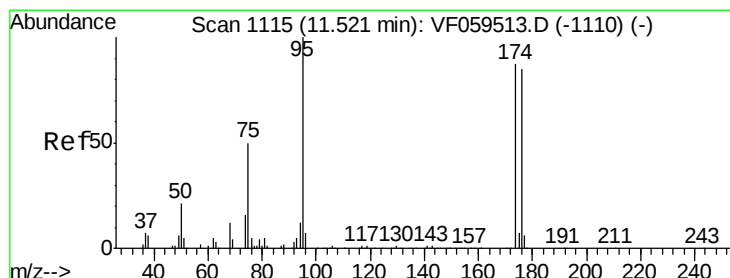
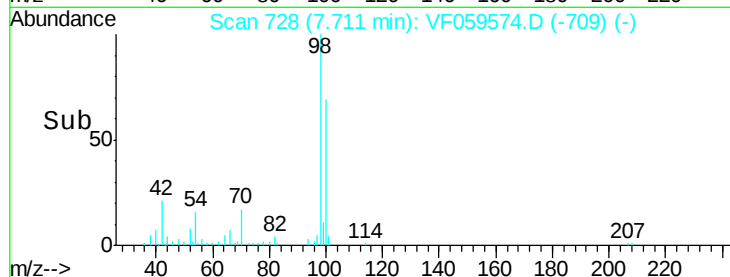
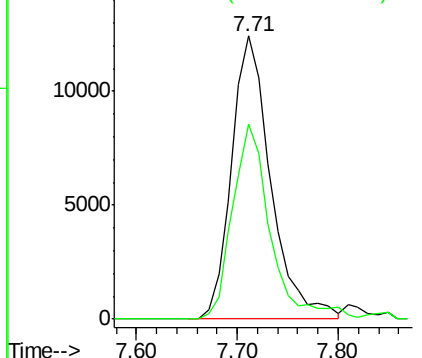
98 100

100 69.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 17.33 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.02 min

Lab File: VF059574.D

Acq: 20 Jul 2018 00:08

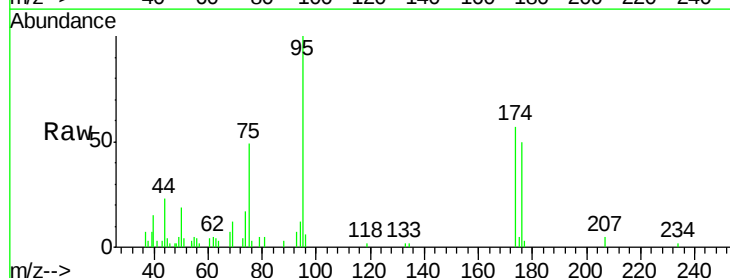
Tgt Ion: 95 Resp: 9877

Ion Ratio Lower Upper

95 100

174 56.6 0.0 174.4

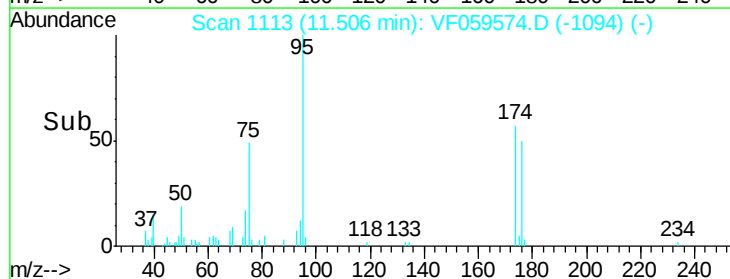
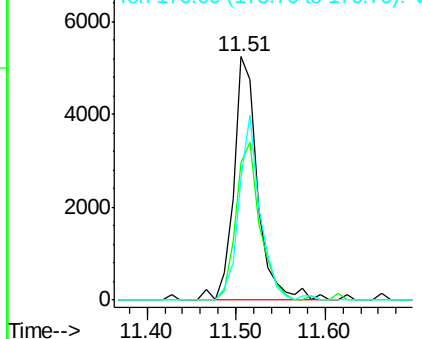
176 50.1 0.0 169.4

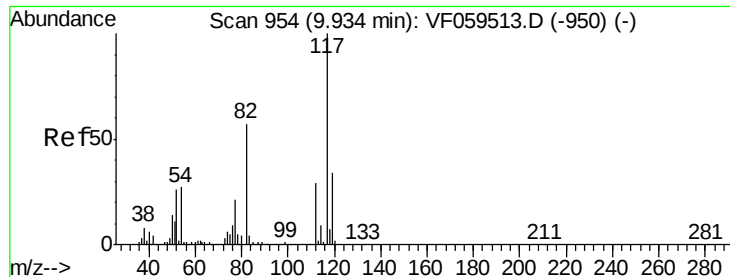


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

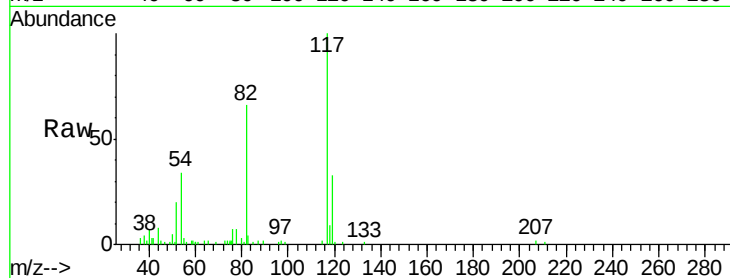




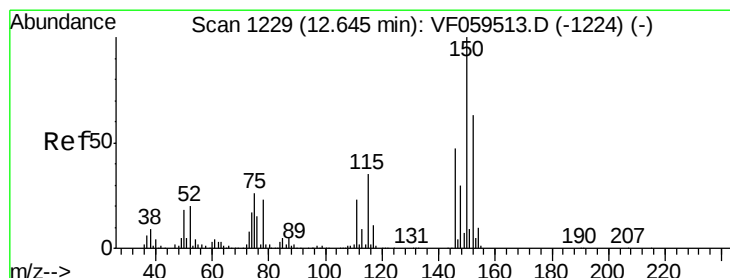
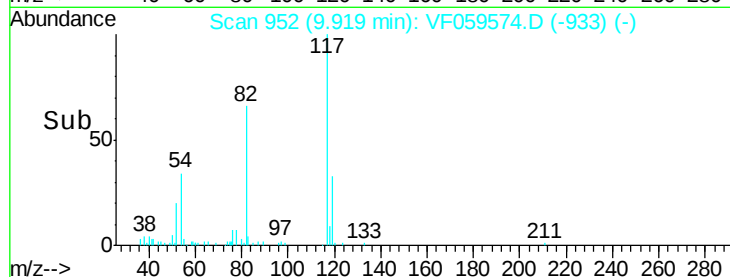
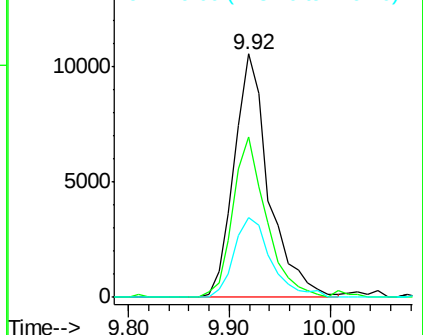
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF059574.D
Acq: 20 Jul 2018 00:08

Instrument :
MSVOA_F
ClientSampleId :
LS-SOIL-1

Tot Ion:117 Resp: 25419
Ion Ratio Lower Upper
117 100
82 66.0 46.1 69.1
119 33.0 27.2 40.8

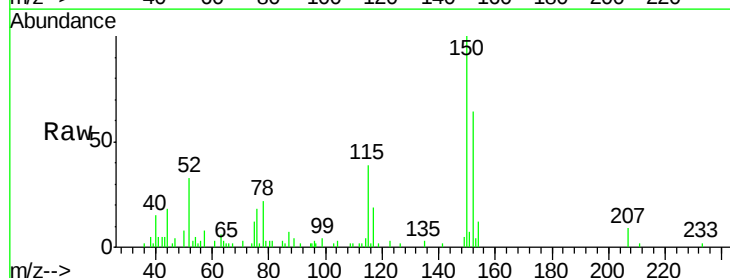


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF059574.D
Acq: 20 Jul 2018 00:08

Tgt Ion:152 Resp: 6723
Ion Ratio Lower Upper
152 100
115 59.9 27.8 83.3
150 155.4 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

