

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012519\
 Data File : VF061531.D
 Acq On : 25 Jan 2019 20:11
 Operator : VA/AP
 Sample : K1254-03
 Misc : 5.05g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-2

Quant Time: Jan 28 01:27:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	267292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	483950	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	407599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	195561	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	108735	32.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.90%	
35) Dibromofluoromethane	4.10	113	124033	32.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.96%	
50) Toluene-d8	7.54	98	324463	31.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.02%	
62) 4-Bromofluorobenzene	11.41	95	140286	28.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.40%	

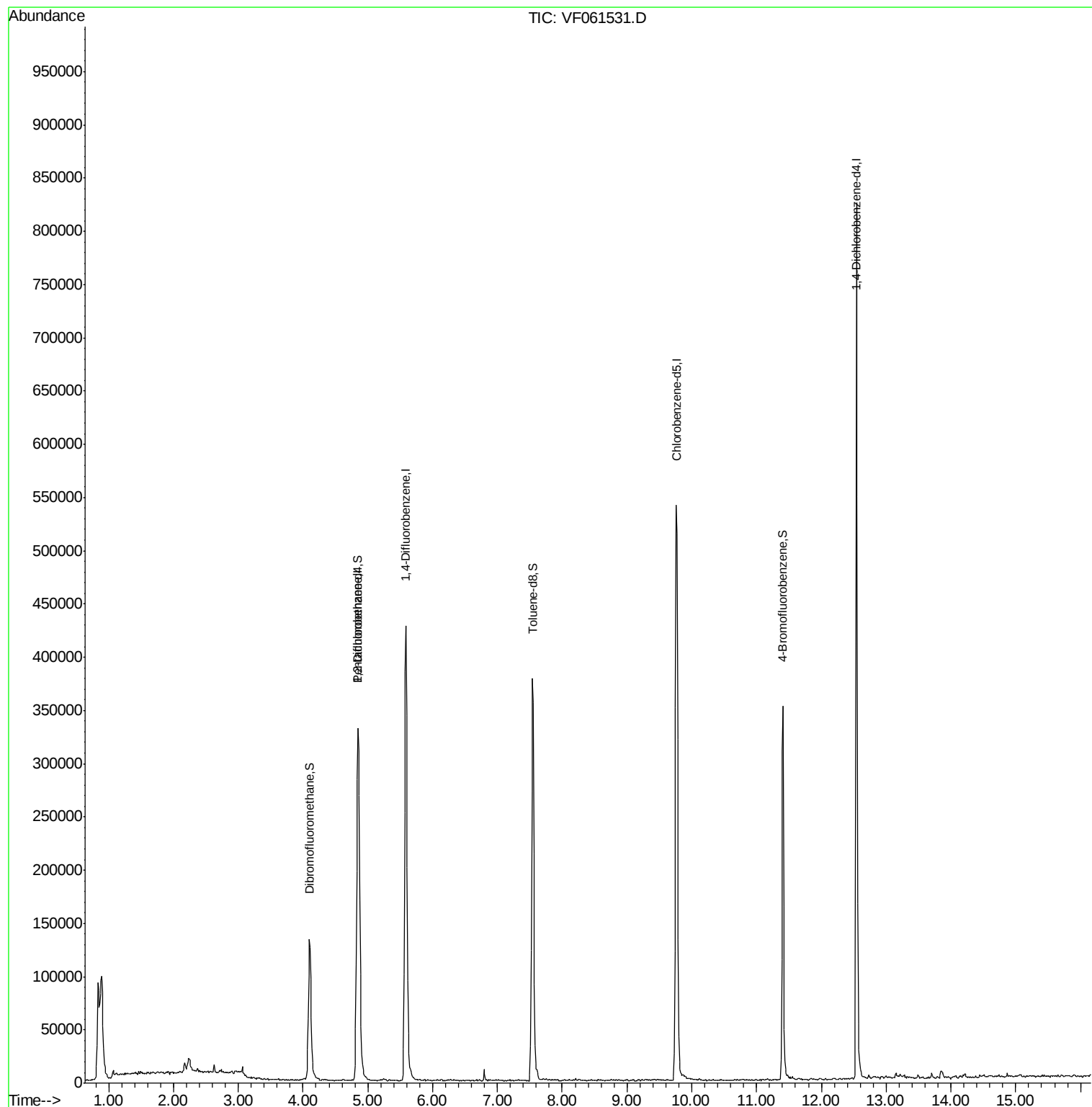
Target Compounds	Qvalue
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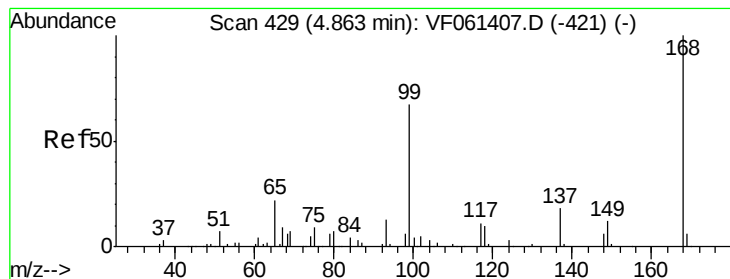
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF061531.D

Acq: 25 Jan 2019 20:11

Instrument :

MSVOA_F

ClientSampleId :

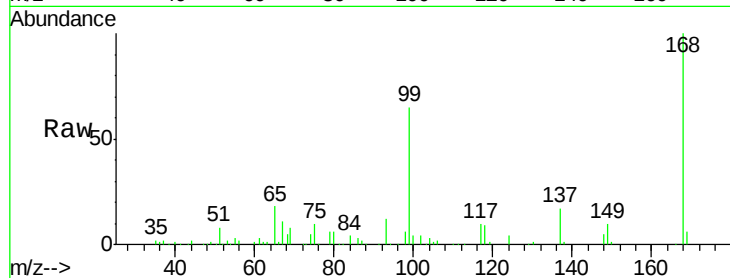
SOIL-2

Tot Ion:168 Resp: 267292

Ion Ratio Lower Upper

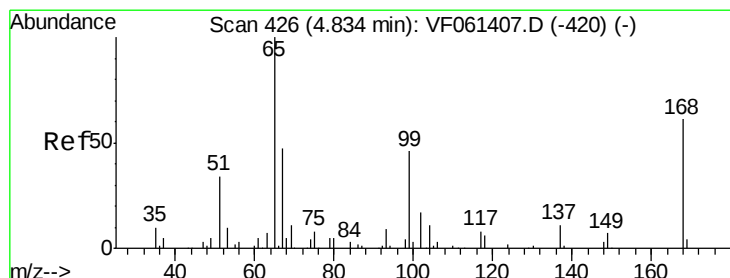
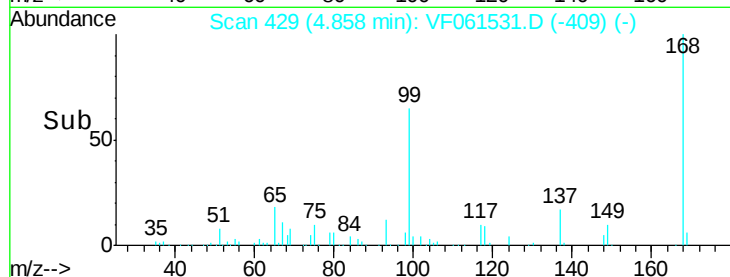
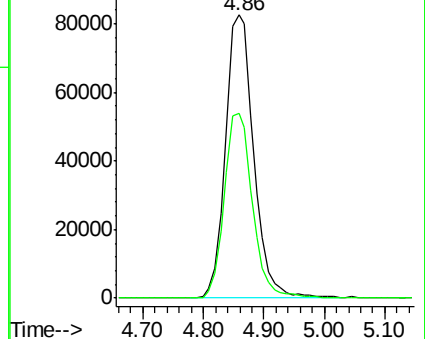
168 100

99 65.1 53.5 80.3



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: 32.949 ug/l

RT: 4.84 min Scan# 427

Delta R.T. 0.00 min

Lab File: VF061531.D

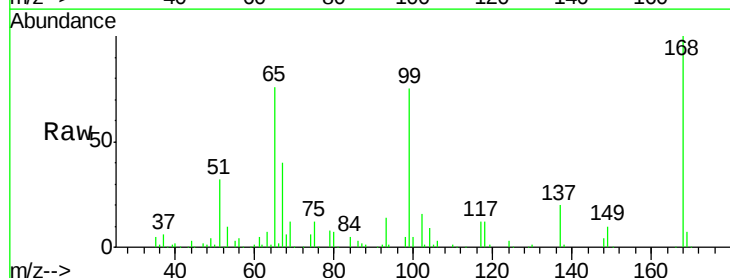
Acq: 25 Jan 2019 20:11

Tgt Ion: 65 Resp: 108735

Ion Ratio Lower Upper

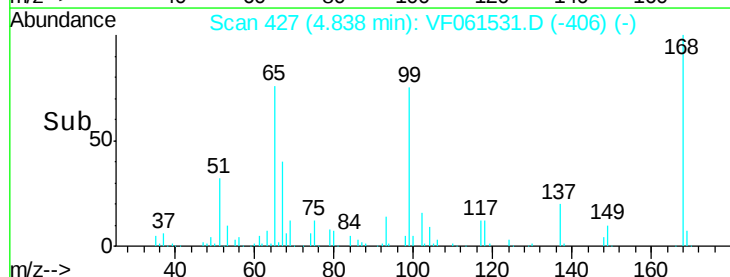
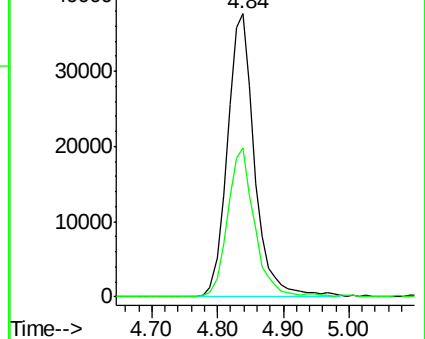
65 100

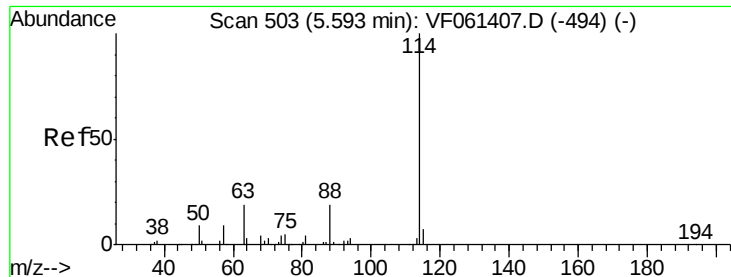
67 52.5 0.0 99.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.01 min

Lab File: VF061531.D

Acq: 25 Jan 2019 20:11

Instrument :

MSVOA_F

ClientSampleId :

SOIL-2

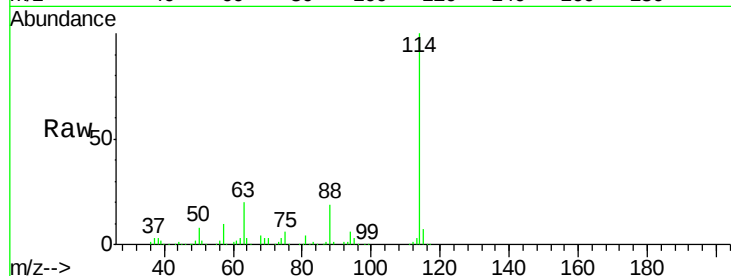
Tot Ion:114 Resp: 483950

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.0

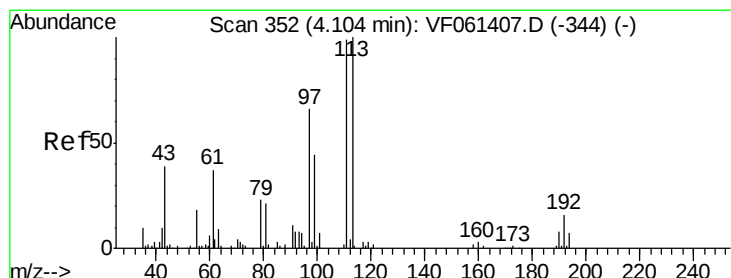
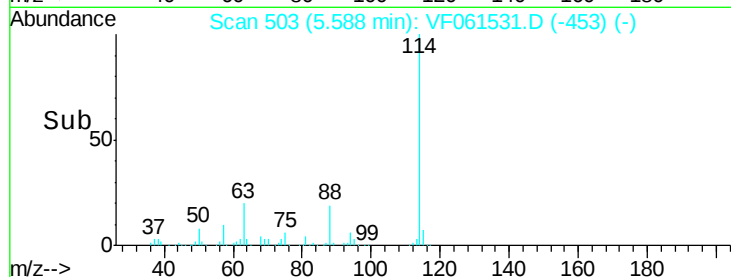
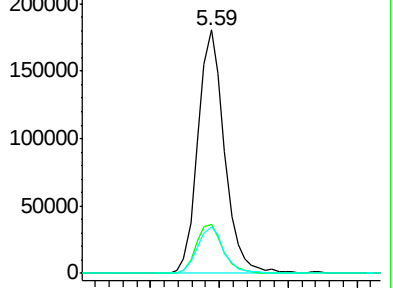
88 19.0 0.0 37.4



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: 32.480 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF061531.D

Acq: 25 Jan 2019 20:11

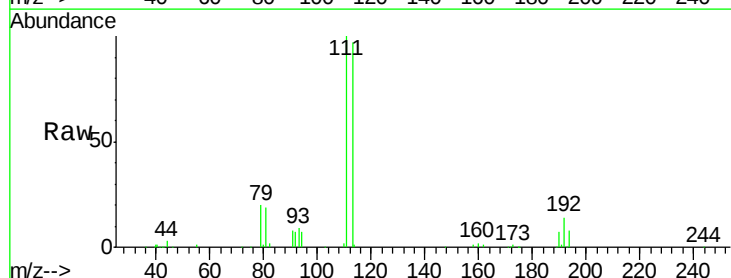
Tgt Ion:113 Resp: 124033

Ion Ratio Lower Upper

113 100

111 103.4 79.4 119.0

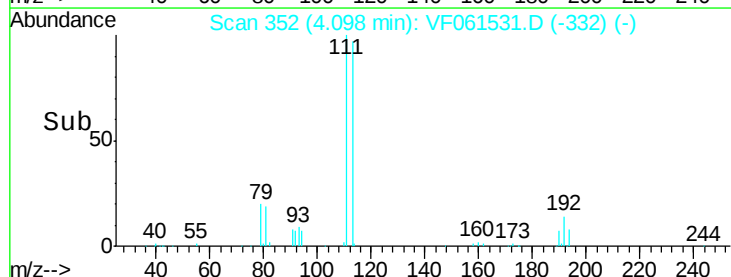
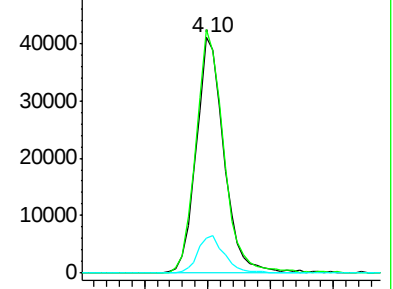
192 14.7 12.4 18.6

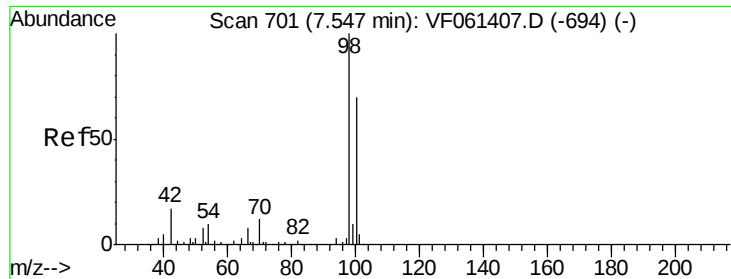


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 31.011 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.01 min

Lab File: VF061531.D

Acq: 25 Jan 2019 20:11

Instrument :

MSVOA_F

ClientSampleId :

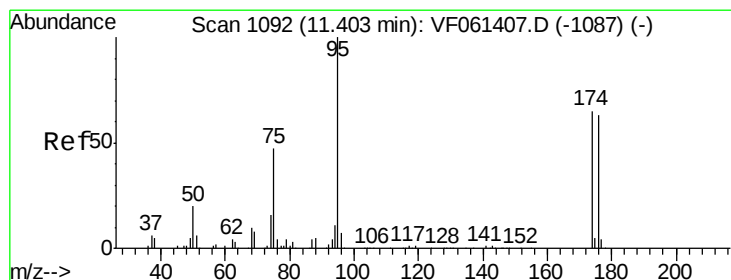
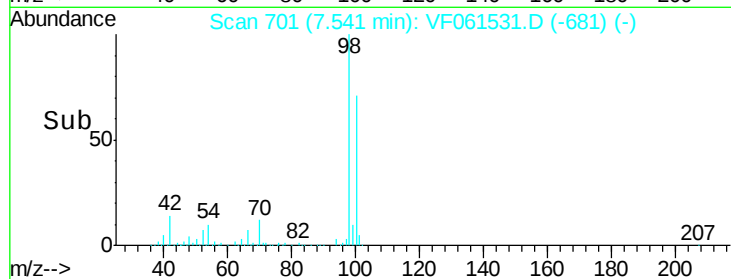
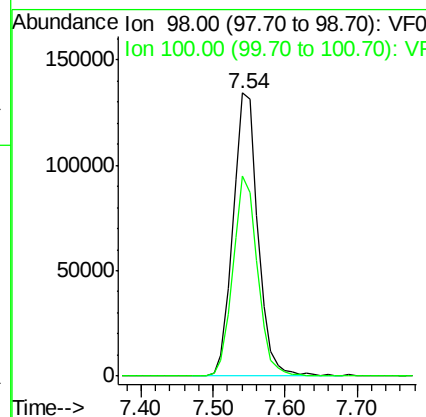
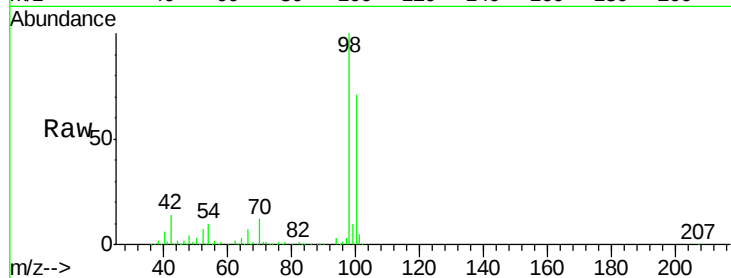
SOIL-2

Tot Ion: 98 Resp: 324463

Ion Ratio Lower Upper

98 100

100 70.7 55.6 83.4



#62

4-Bromofluorobenzene

Concen: 28.697 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VF061531.D

Acq: 25 Jan 2019 20:11

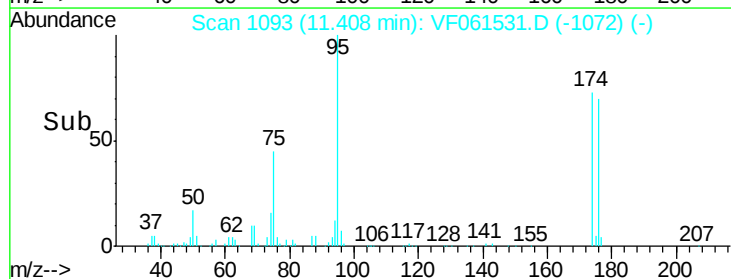
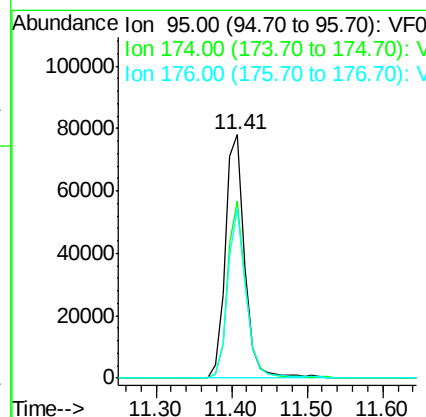
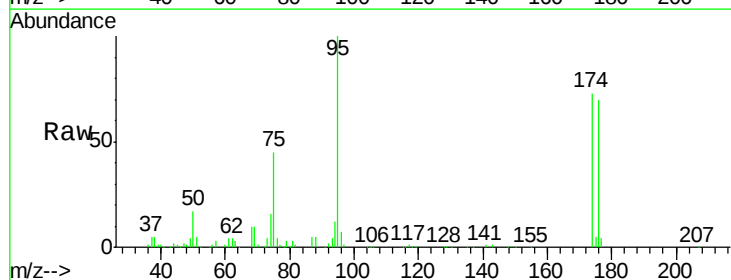
Tgt Ion: 95 Resp: 140286

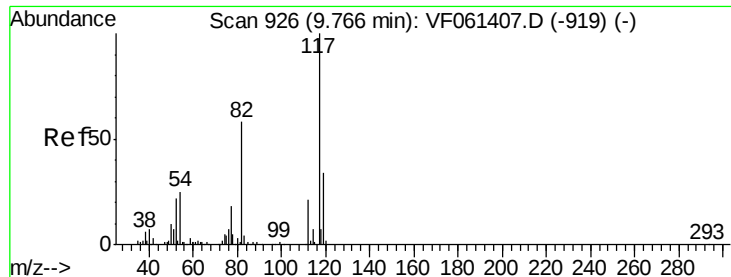
Ion Ratio Lower Upper

95 100

174 72.8 0.0 130.4

176 69.7 0.0 126.2

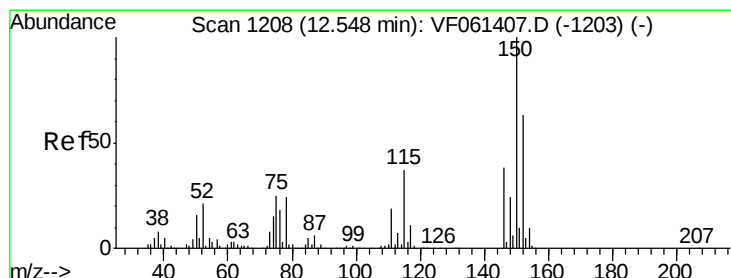
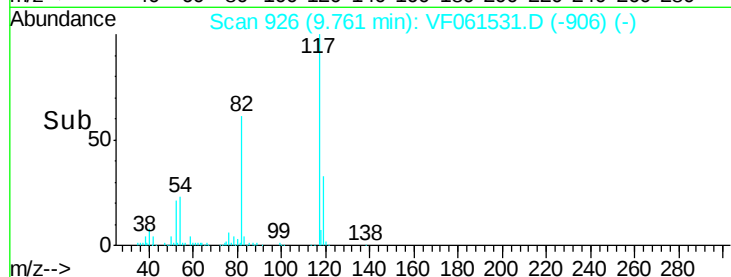
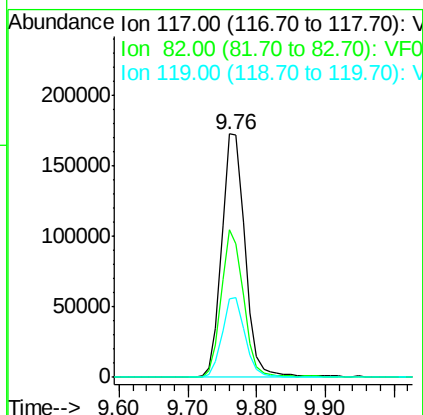
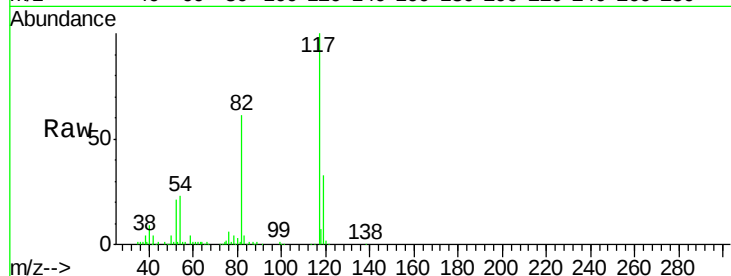




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061531.D
Acq: 25 Jan 2019 20:11

Instrument :
MSVOA_F
ClientSampleId :
SOIL-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.9	46.4	69.6
119	32.5	27.2	40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061531.D
Acq: 25 Jan 2019 20:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.0	90.0
150	151.7	0.0	321.4

