

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012519\
 Data File : VF061530.D
 Acq On : 25 Jan 2019 19:43
 Operator : VA/AP
 Sample : K1254-01
 Misc : 5.36g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-1

Quant Time: Jan 28 01:25:33 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

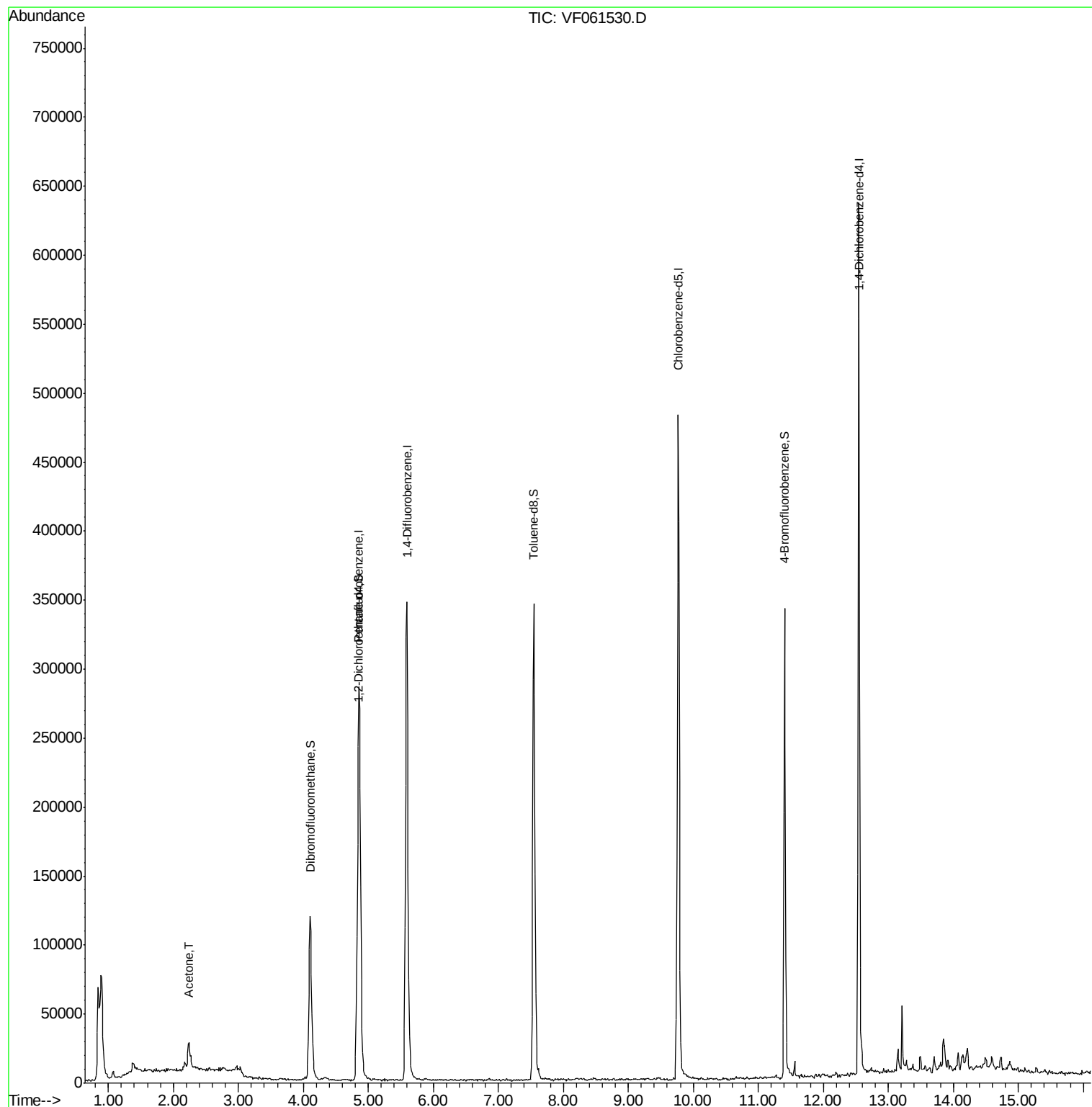
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	221546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	400500	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	352738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	166101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	96546	35.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.60%	
35) Dibromofluoromethane	4.10	113	114314	36.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.34%	
50) Toluene-d8	7.55	98	289324	33.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.82%	
62) 4-Bromofluorobenzene	11.40	95	129220	31.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.88%	
Target Compounds						
16) Acetone	2.24	43	34356	62.610	ug/l	Qvalue 97

(#) = 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. 0.00 min

Lab File: VF061530.D

Acq: 25 Jan 2019 19:43

Instrument :

MSVOA_F

ClientSampleId :

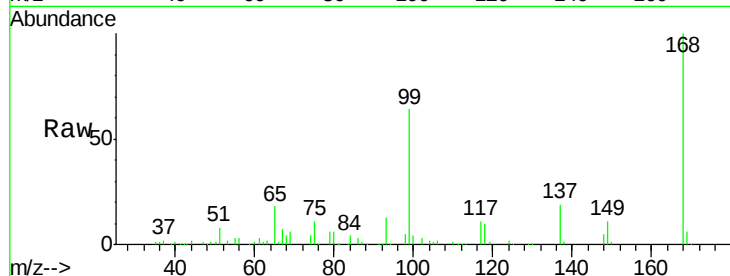
SOIL-1

Tot Ion:168 Resp: 221546

Ion Ratio Lower Upper

168 100

99 64.3 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

80000

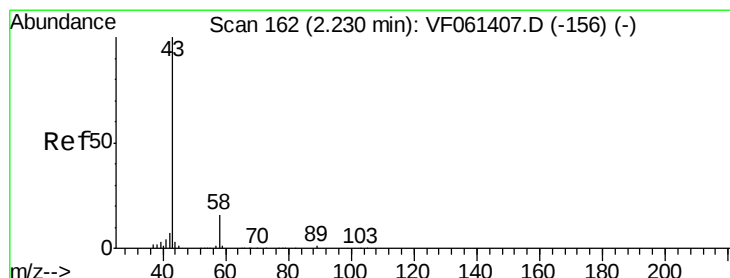
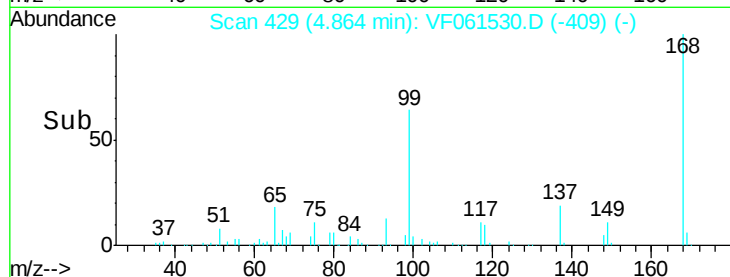
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 62.610 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF061530.D

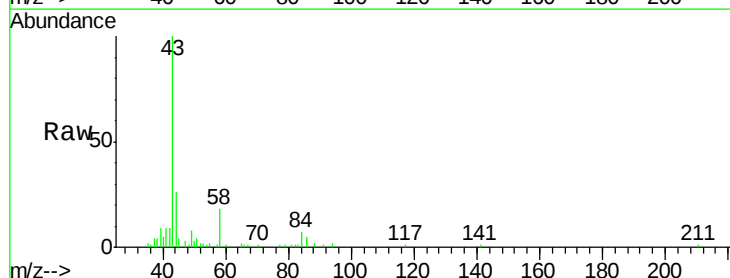
Acq: 25 Jan 2019 19:43

Tgt Ion: 43 Resp: 34356

Ion Ratio Lower Upper

43 100

58 17.9 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

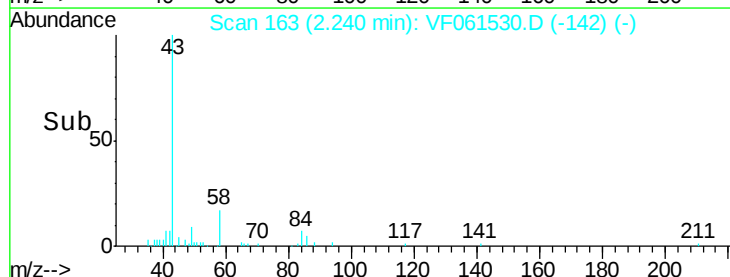
2.24

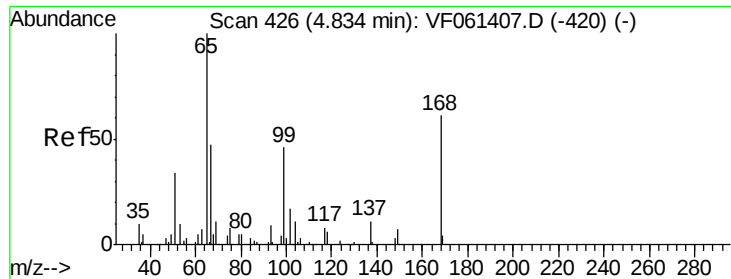
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 35.297 ug/l

RT: 4.83 min Scan# 426

Delta R.T. 0.00 min

Lab File: VF061530.D

Acq: 25 Jan 2019 19:43

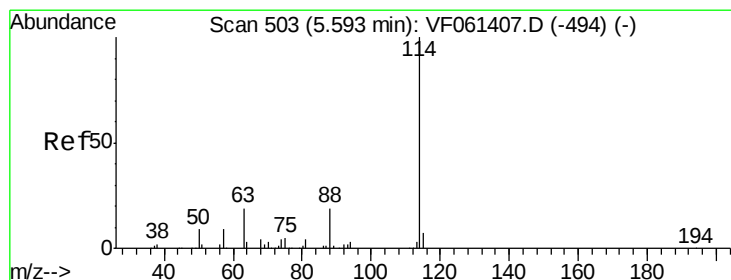
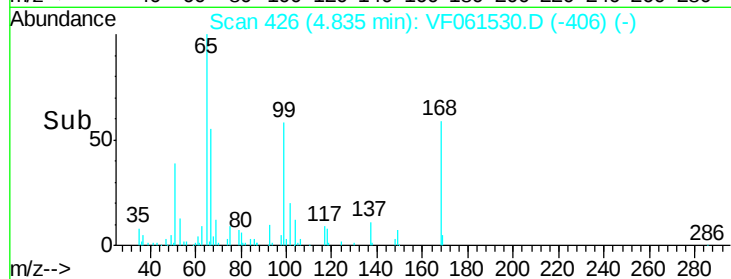
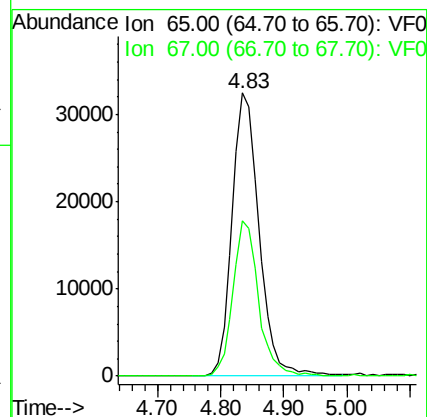
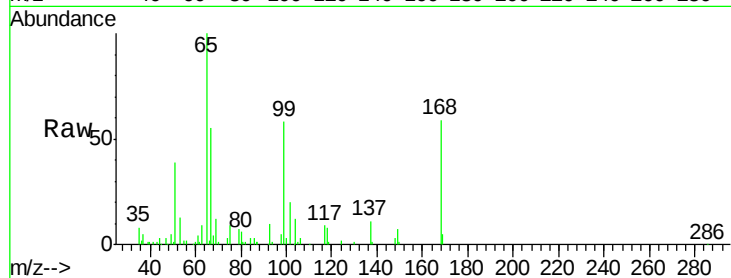
Instrument :
MSVOA_F
ClientSampled :
SOIL-1

Tot Ion: 65 Resp: 96546

Ion Ratio Lower Upper

65 100

67 55.0 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. 0.00 min

Lab File: VF061530.D

Acq: 25 Jan 2019 19:43

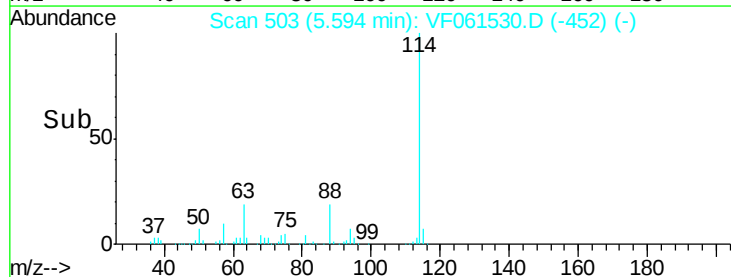
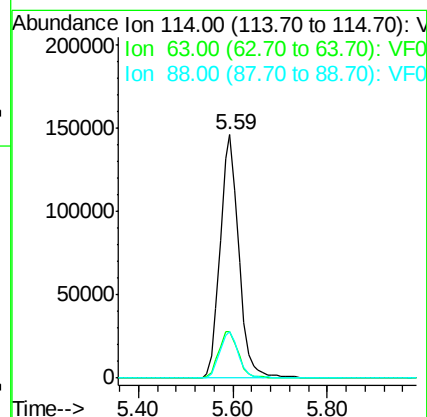
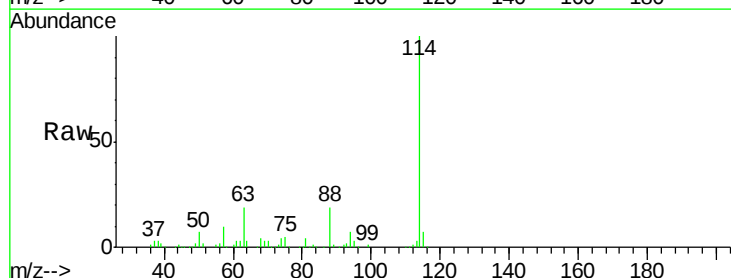
Tgt Ion:114 Resp: 400500

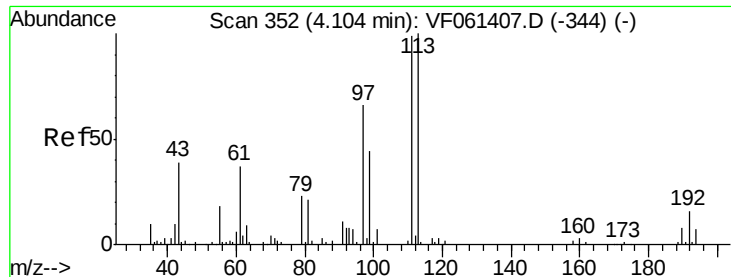
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.0

88 19.3 0.0 37.4

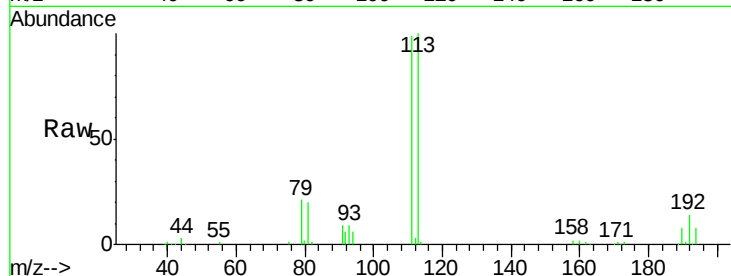




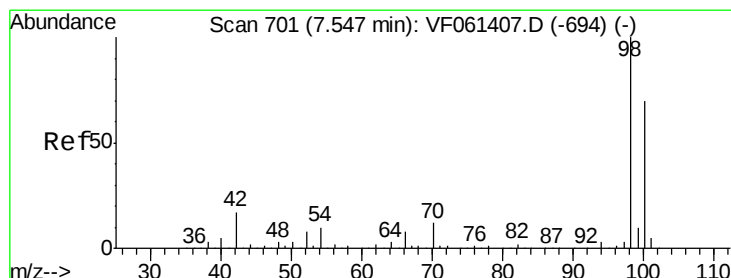
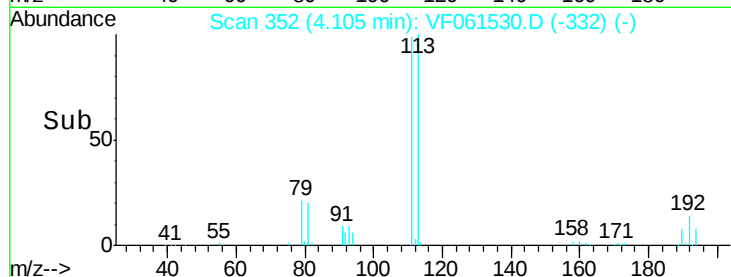
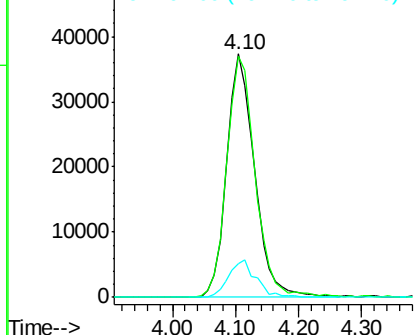
#35
Dibromofluoromethane
Concen: 36.172 ug/l
RT: 4.10 min Scan# 352
Delta R.T. 0.00 min
Lab File: VF061530.D
Acq: 25 Jan 2019 19:43

Instrument :
MSVOA_F
ClientSampleId :
SOIL-1

Tot Ion:113 Resp: 114314
Ion Ratio Lower Upper
113 100
111 98.9 79.4 119.0
192 14.5 12.4 18.6

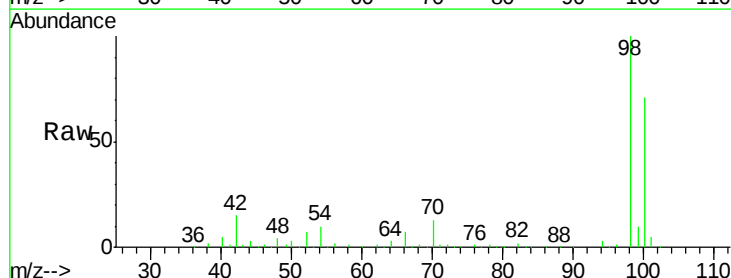


Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V

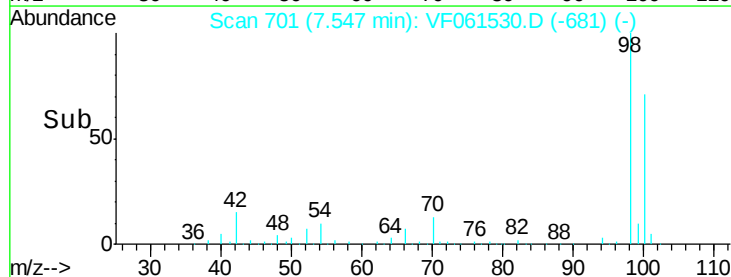
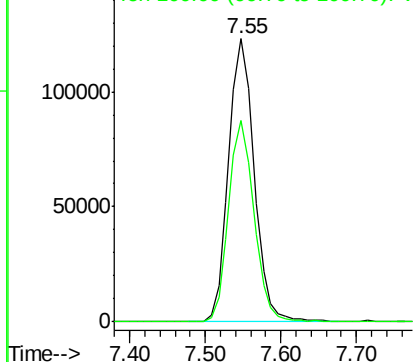


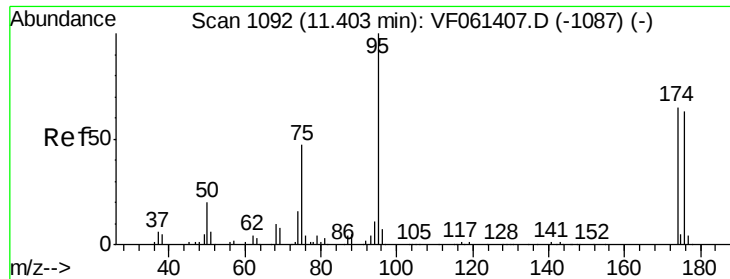
#50
Toluene-d8
Concen: 33.415 ug/l
RT: 7.55 min Scan# 701
Delta R.T. 0.00 min
Lab File: VF061530.D
Acq: 25 Jan 2019 19:43

Tgt Ion: 98 Resp: 289324
Ion Ratio Lower Upper
98 100
100 71.1 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0





#62

4-Bromofluorobenzene

Concen: 31.941 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VF061530.D

Acq: 25 Jan 2019 19:43

Instrument :

MSVOA_F

ClientSampleId :

SOIL-1

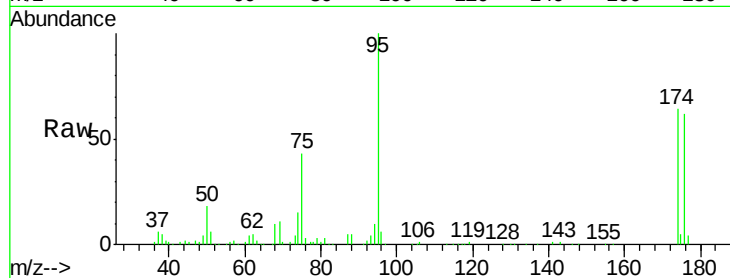
Tot Ion: 95 Resp: 129220

Ion Ratio Lower Upper

95 100

174 63.7 0.0 130.4

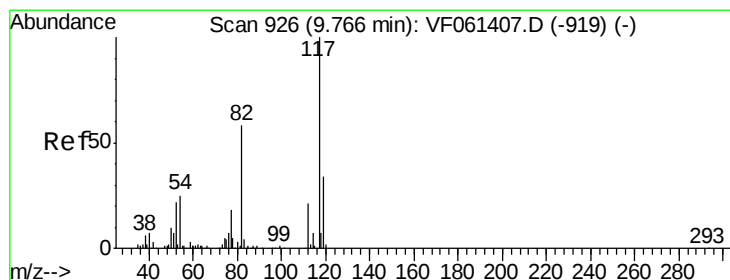
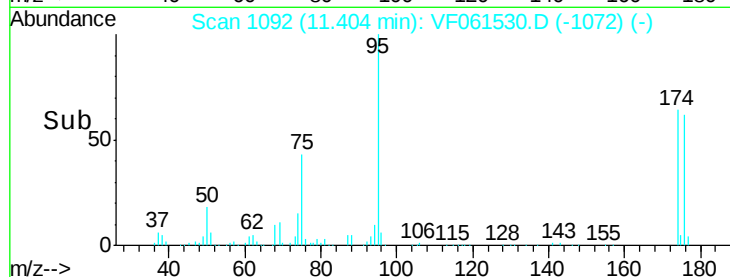
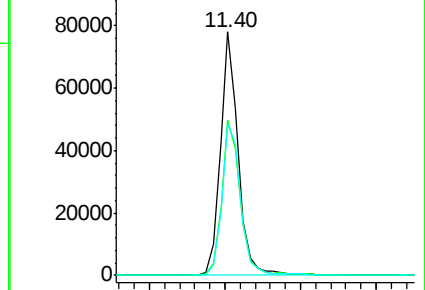
176 62.3 0.0 126.2



Abundance Ion 95.00 (94.70 to 95.70): VF061407.D (-1087) (-)

Ion 174.00 (173.70 to 174.70): VF061407.D (-1087) (-)

Ion 176.00 (175.70 to 176.70): VF061407.D (-1087) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.77 min Scan# 926

Delta R.T. 0.00 min

Lab File: VF061530.D

Acq: 25 Jan 2019 19:43

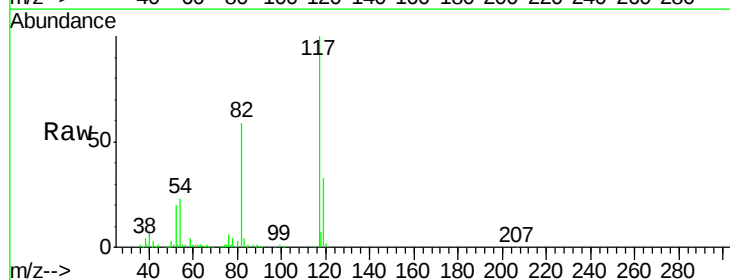
Tgt Ion: 117 Resp: 352738

Ion Ratio Lower Upper

117 100

82 58.6 46.4 69.6

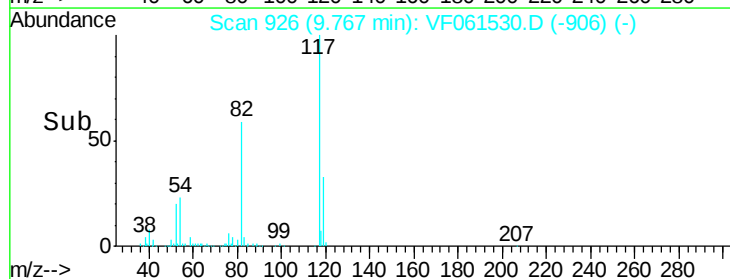
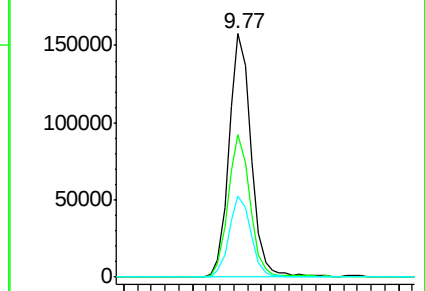
119 33.2 27.2 40.8

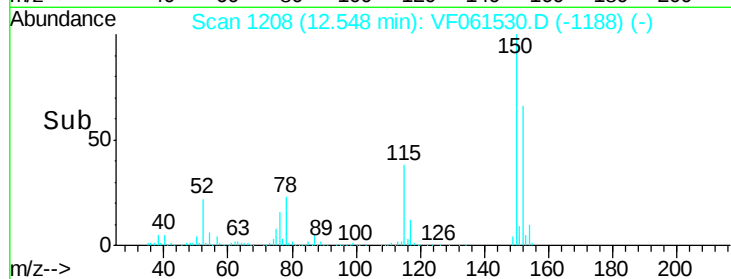
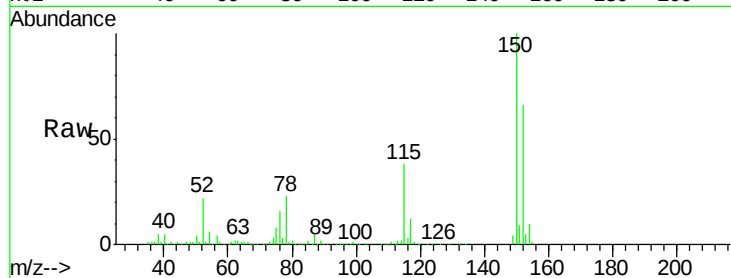
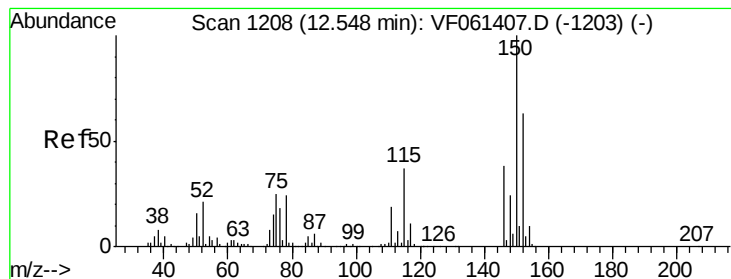


Abundance Ion 117.00 (116.70 to 117.70): VF061407.D (-919) (-)

Ion 82.00 (81.70 to 82.70): VF061407.D (-919) (-)

Ion 119.00 (118.70 to 119.70): VF061407.D (-919) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VF061530.D

Acq: 25 Jan 2019 19:43

Instrument :

MSVOA_F

ClientSampleId :

SOIL-1

Tot Ion:152 Resp: 166101

Ion Ratio Lower Upper

152 100

115 57.6 30.0 90.0

150 152.5 0.0 321.4

