

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110818\
 Data File : VF060661.D
 Acq On : 8 Nov 2018 20:40
 Operator : VA/AP
 Sample : J5838-11RE
 Misc : 6.34g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HC-SOIL-2RE

Quant Time: Nov 09 15:30:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

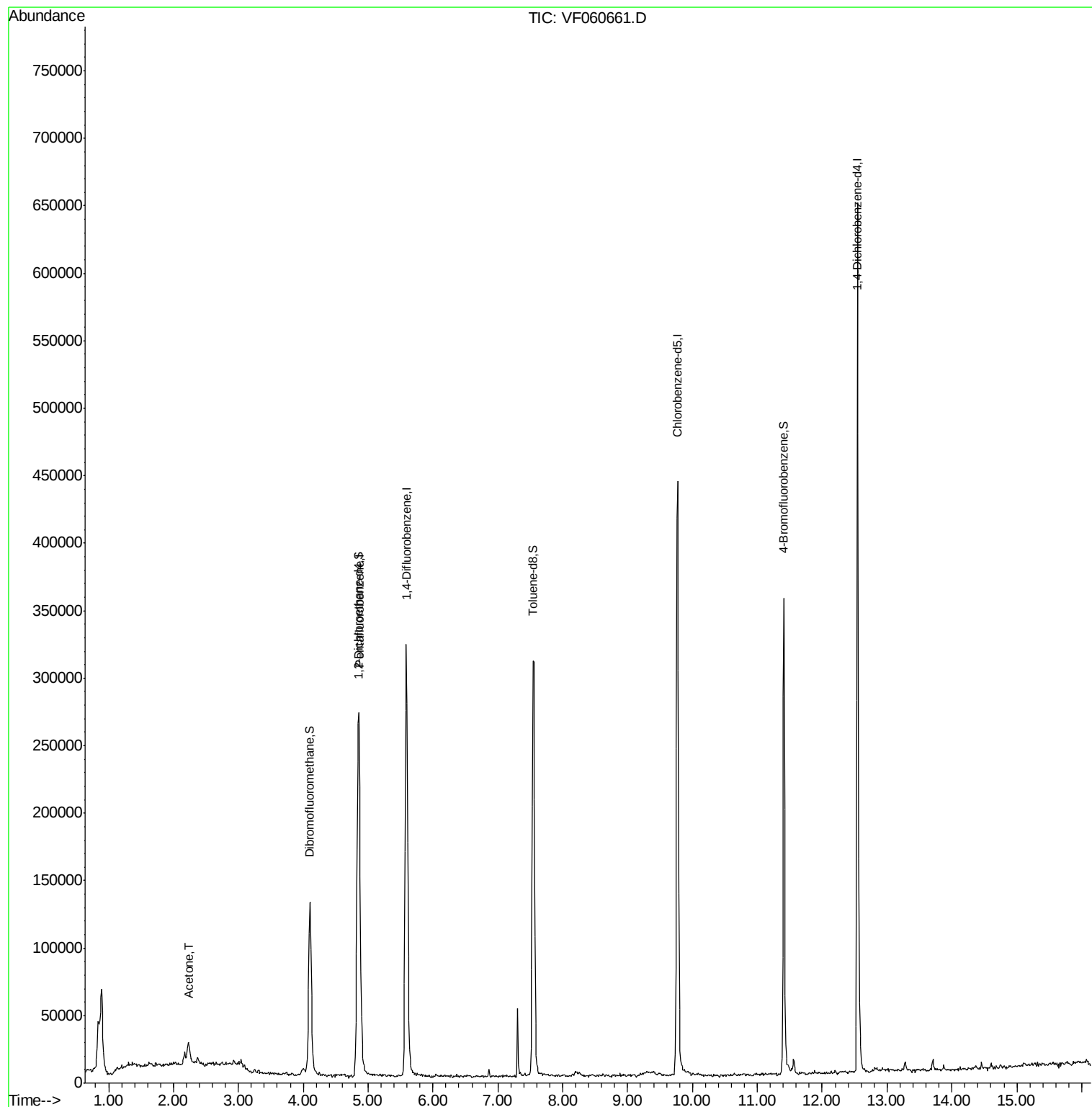
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	210642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	374001	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	338737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	161343	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	102760	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
35) Dibromofluoromethane	4.11	113	125837	43.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.10%	
50) Toluene-d8	7.55	98	273877	32.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.00%	
62) 4-Bromofluorobenzene	11.41	95	141089	37.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.36%	
Target Compounds						
16) Acetone	2.22	43	15992	31.888	ug/l #	Qvalue 79

(#) = 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

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MSVOA_F

ClientSampleId :

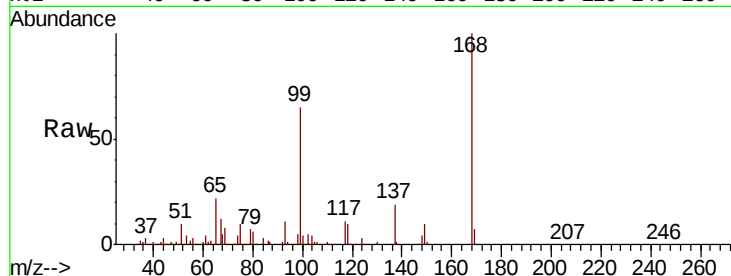
HC-SOIL-2RE

Tot Ion:168 Resp: 210642

Ion Ratio Lower Upper

168 100

99 65.3 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

60000

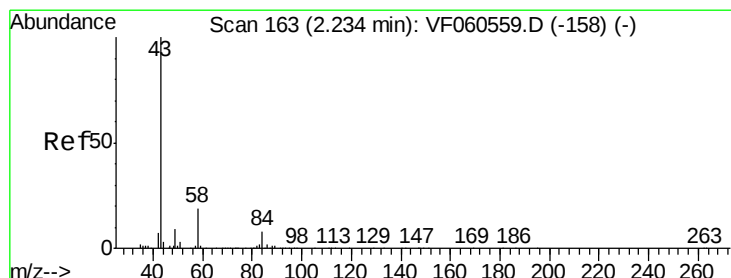
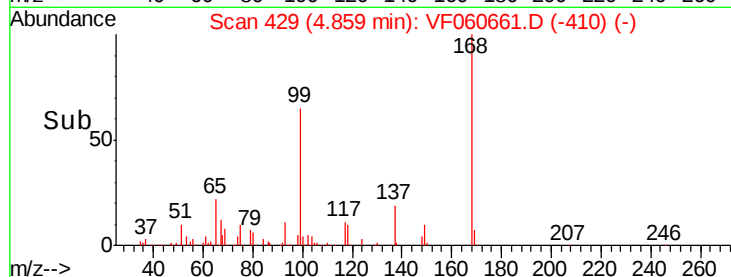
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 31.888 ug/l

RT: 2.22 min Scan# 162

Delta R.T. -0.01 min

Lab File: VF060661.D

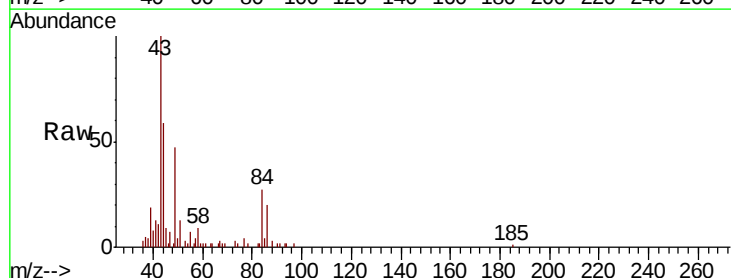
Acq: 8 Nov 2018 20:40

Tgt Ion: 43 Resp: 15992

Ion Ratio Lower Upper

43 100

58 8.8 14.6 22.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8000

6000

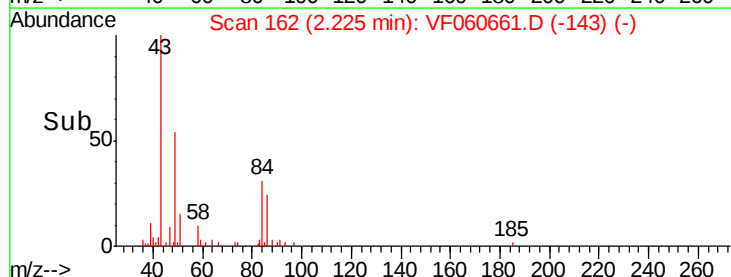
4000

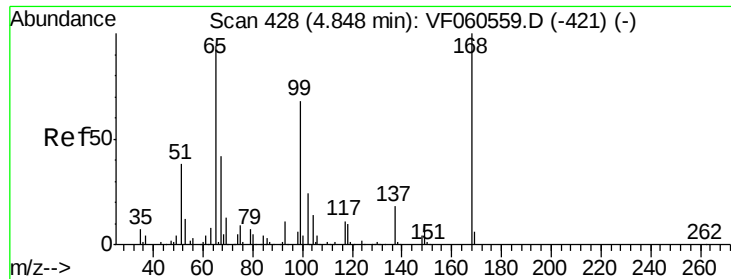
2000

0

2.10 2.20 2.30

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.283 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF060661.D

Acq: 8 Nov 2018 20:40

Instrument :

MSVOA_F

ClientSampleId :

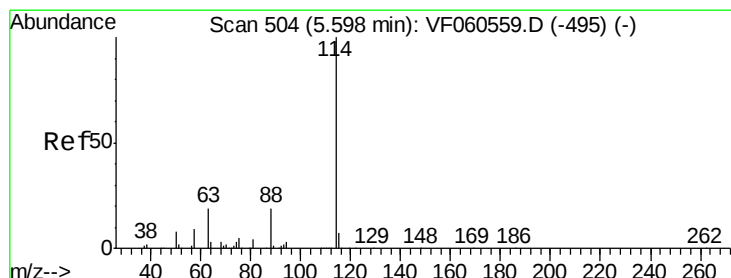
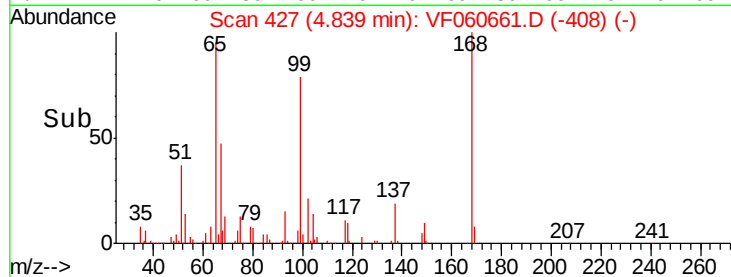
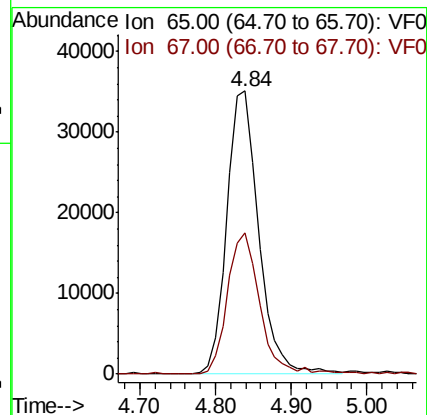
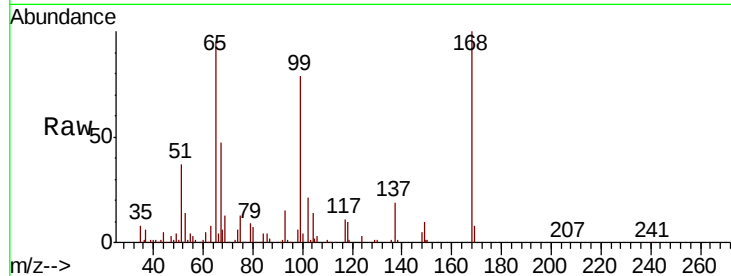
HC-SOIL-2RE

Tot Ion: 65 Resp: 102760

Ion Ratio Lower Upper

65 100

67 50.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.01 min

Lab File: VF060661.D

Acq: 8 Nov 2018 20:40

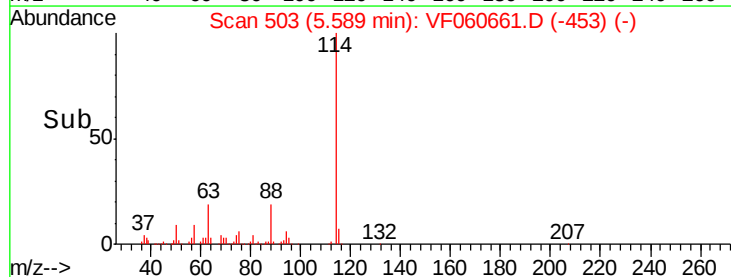
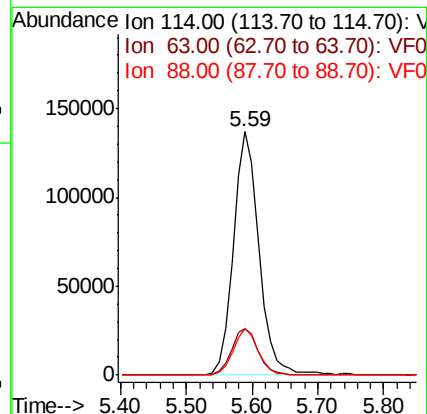
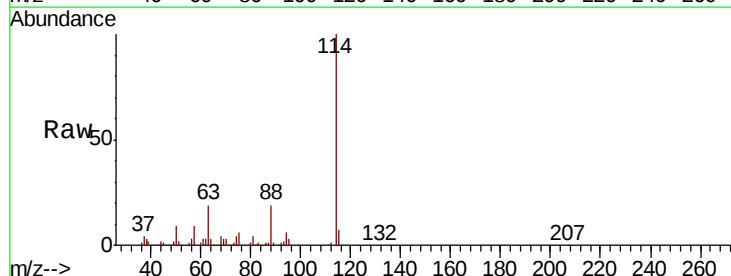
Tgt Ion: 114 Resp: 374001

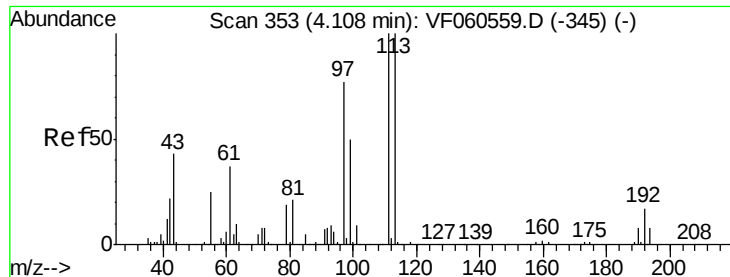
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.0

88 19.0 0.0 38.2

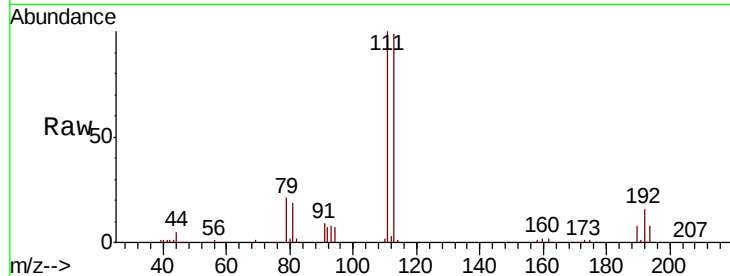




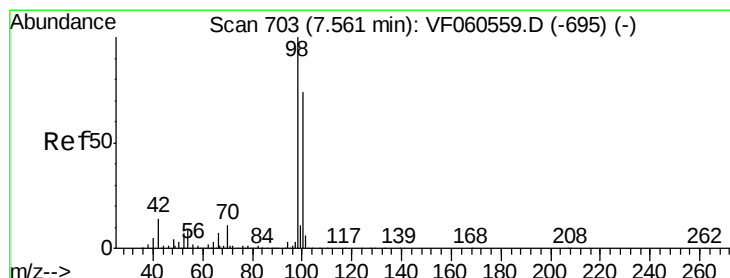
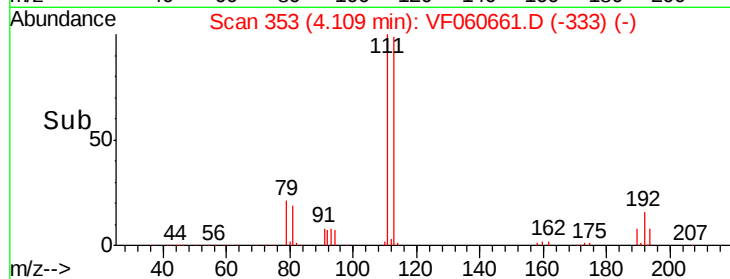
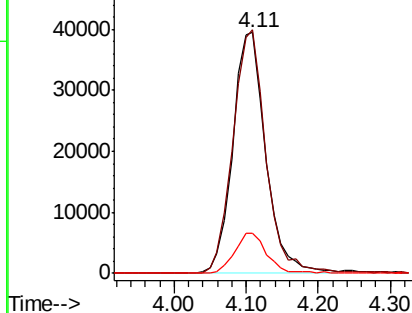
#35
 Dibromofluoromethane
 Concen: 43.549 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VF060661.D
 Acq: 8 Nov 2018 20:40

Instrument :
 MSVOA_F
 ClientSampleId :
 HC-SOIL-2RE

Tot Ion:113 Resp: 125837
 Ion Ratio Lower Upper
 113 100
 111 101.2 79.9 119.9
 192 16.5 13.3 19.9

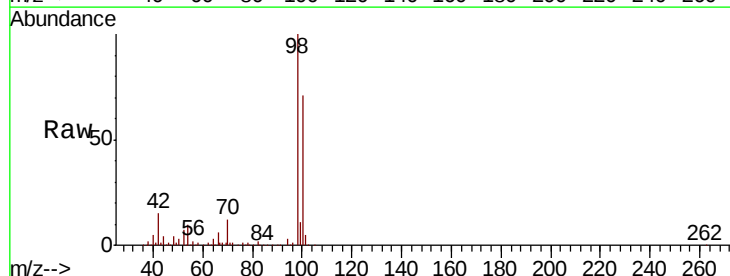


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

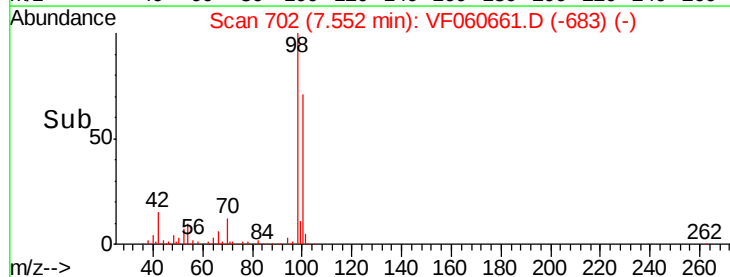
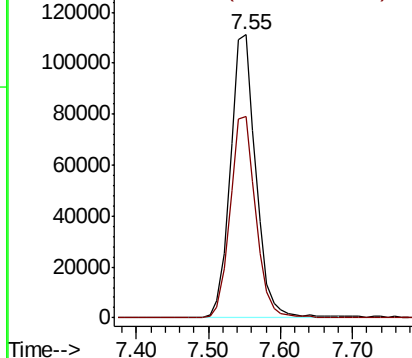


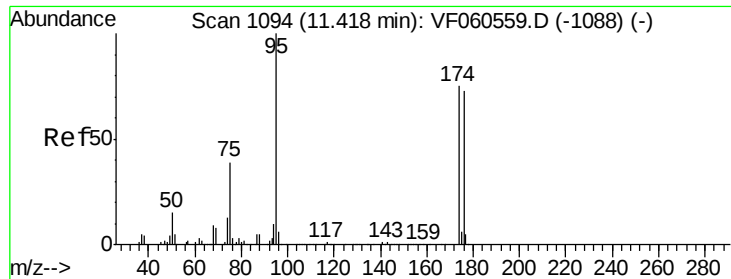
#50
 Toluene-d8
 Concen: 31.996 ug/l
 RT: 7.55 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: VF060661.D
 Acq: 8 Nov 2018 20:40

Tgt Ion: 98 Resp: 273877
 Ion Ratio Lower Upper
 98 100
 100 71.0 59.4 89.2



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

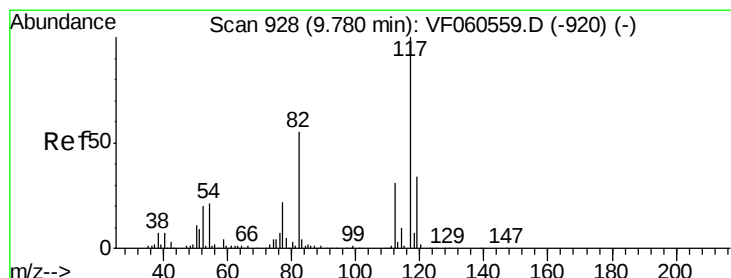
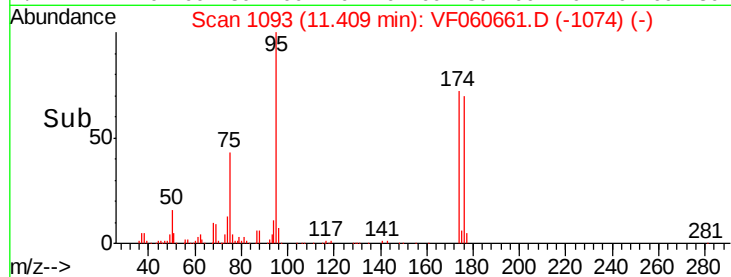
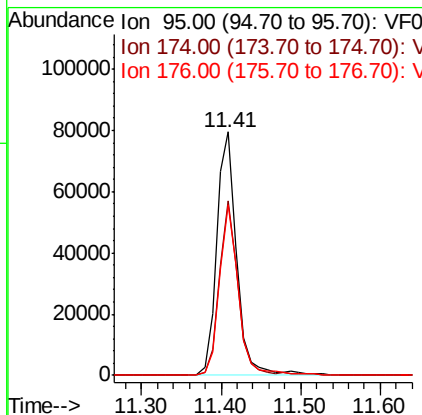
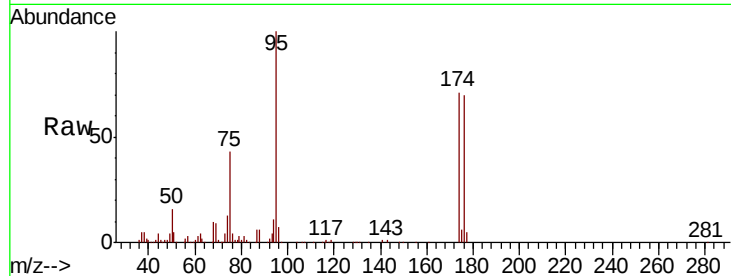




#62
4-Bromofluorobenzene
Concen: 37.683 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060661.D
Acq: 8 Nov 2018 20:40

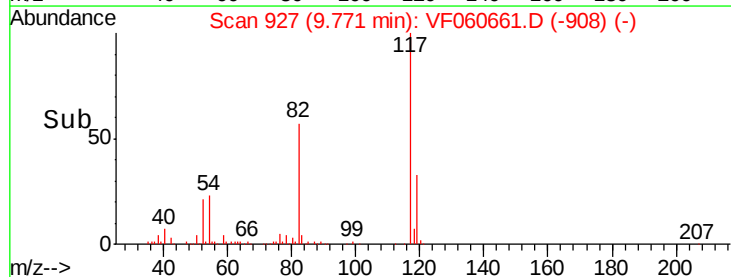
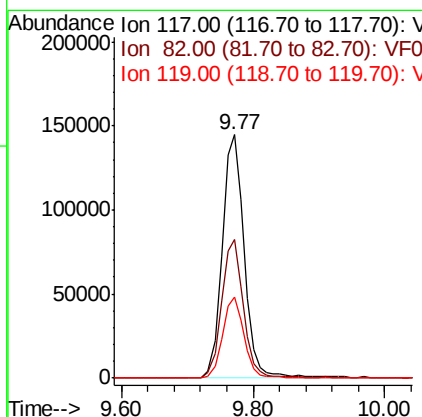
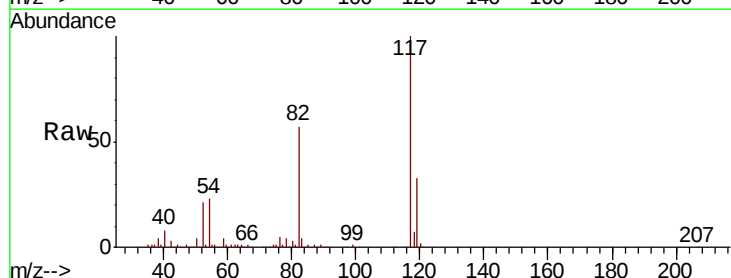
Instrument :
MSVOA_F
ClientSampleId :
HC-SOIL-2RE

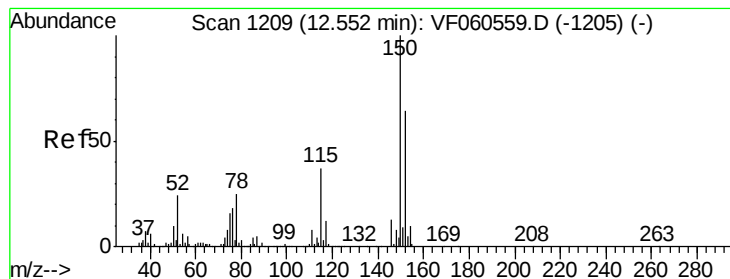
Tot Ion: 95 Resp: 141089
Ion Ratio Lower Upper
95 100
174 71.4 0.0 149.0
176 70.1 0.0 145.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF060661.D
Acq: 8 Nov 2018 20:40

Tgt Ion: 117 Resp: 338737
Ion Ratio Lower Upper
117 100
82 57.0 43.9 65.9
119 33.4 27.4 41.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.01 min

Lab File: VF060661.D

Acq: 8 Nov 2018 20:40

Instrument :

MSVOA_F

ClientSampleId :

HC-SOIL-2RE

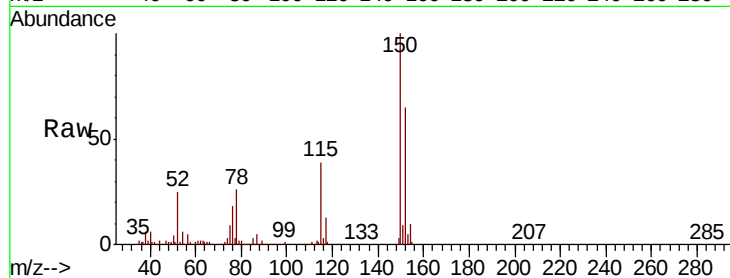
Tot Ion:152 Resp: 161343

Ion Ratio Lower Upper

152 100

115 59.1 29.6 88.8

150 153.3 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

