

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110818\
 Data File : VF060660.D
 Acq On : 8 Nov 2018 20:11
 Operator : VA/AP
 Sample : J5838-01
 Misc : 6.46g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HC-SOIL-1

Quant Time: Nov 09 13:47:12 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

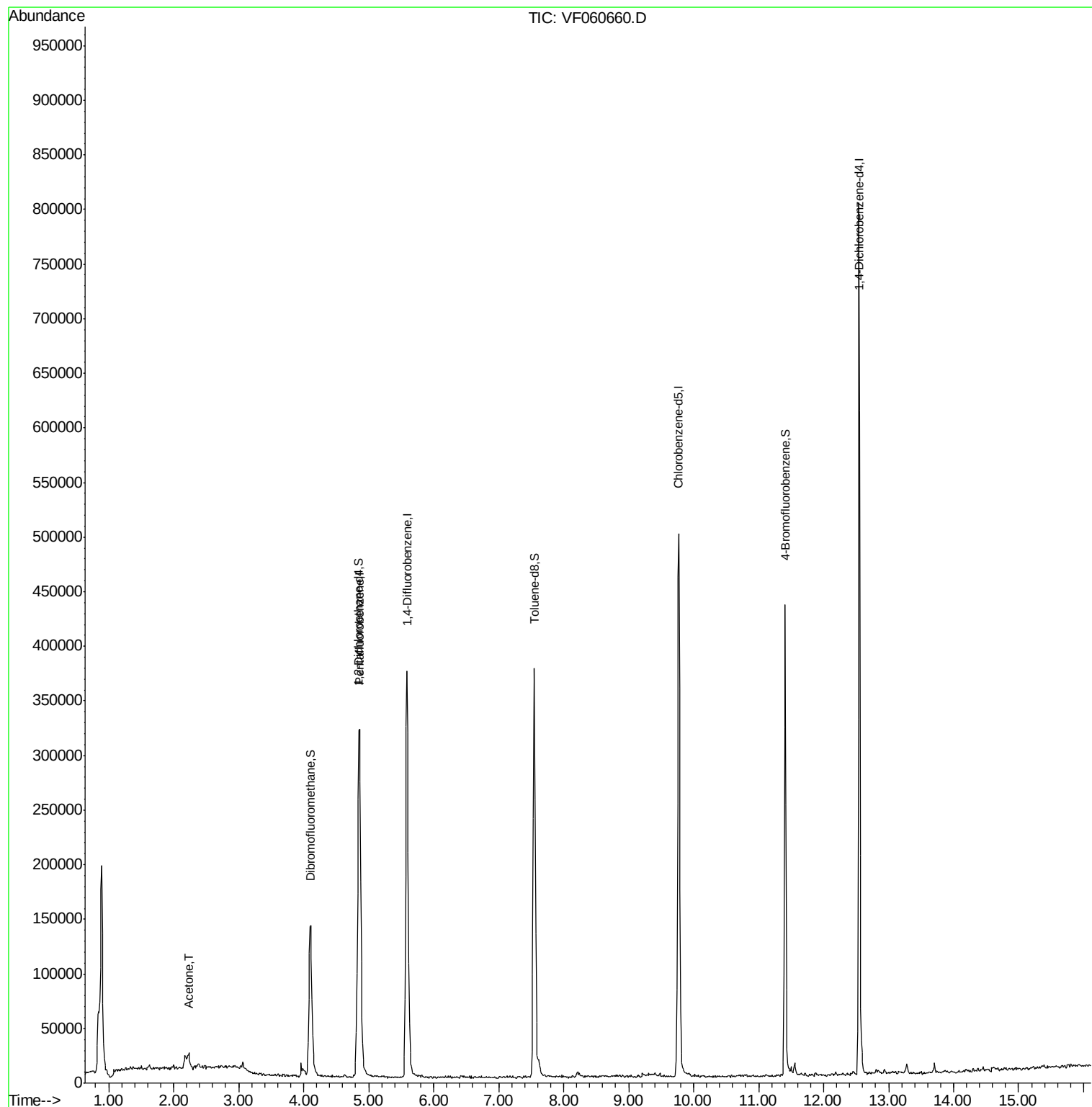
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	255096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	427610	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	382500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	201542	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	117813	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.42%	
35) Dibromofluoromethane	4.11	113	138871	42.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.06%	
50) Toluene-d8	7.55	98	336420	34.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.76%	
62) 4-Bromofluorobenzene	11.41	95	162836	38.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.08%	
Target Compounds						
16) Acetone	2.24	43	10913	17.969	ug/l #	Qvalue 81

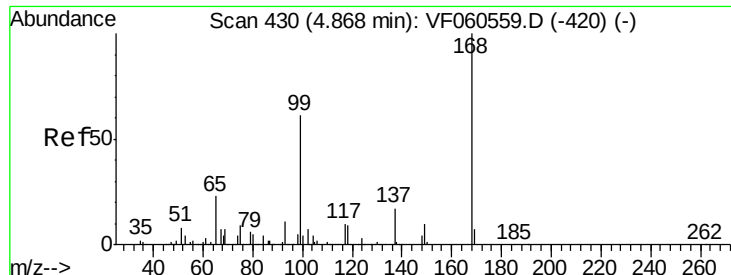
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VF060660.D

Acq: 8 Nov 2018 20:11

Instrument :

MSVOA_F

ClientSampleId :

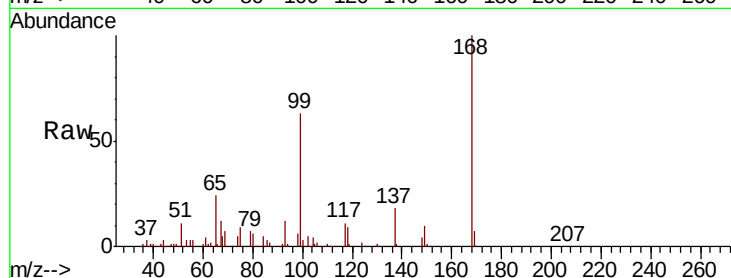
HC-SOIL-1

Tot Ion:168 Resp: 255096

Ion Ratio Lower Upper

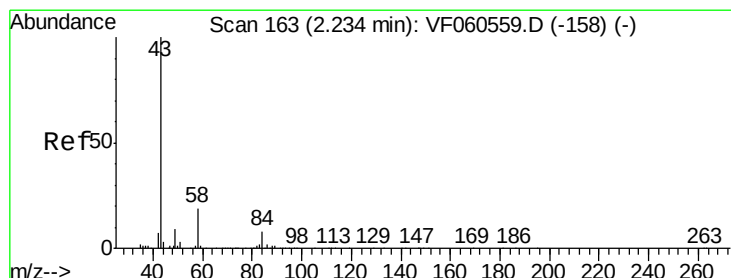
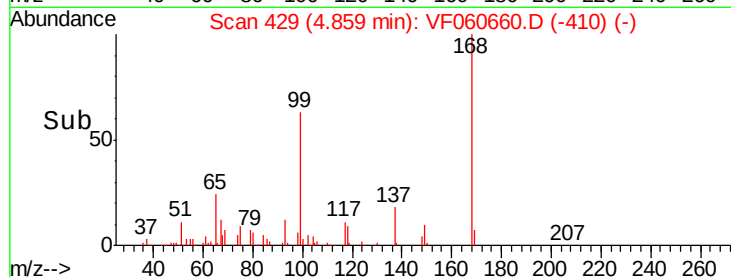
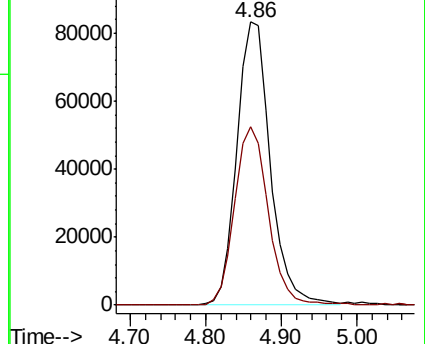
168 100

99 63.1 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 17.969 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF060660.D

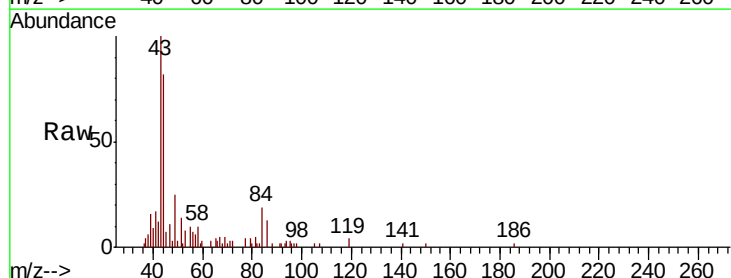
Acq: 8 Nov 2018 20:11

Tgt Ion: 43 Resp: 10913

Ion Ratio Lower Upper

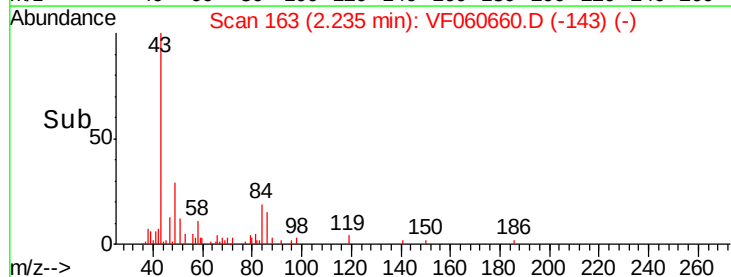
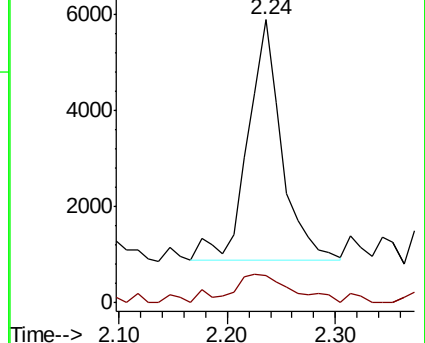
43 100

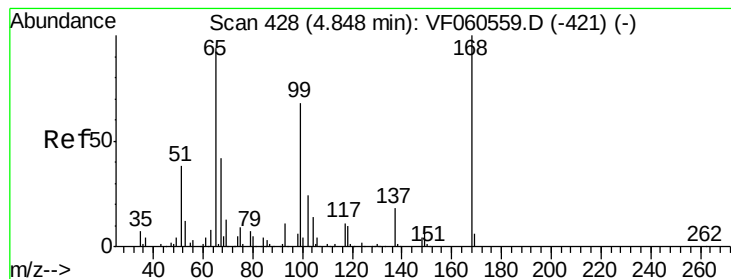
58 9.6 14.6 22.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 45.710 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF060660.D

Acq: 8 Nov 2018 20:11

Instrument :

MSVOA_F

ClientSampleId :

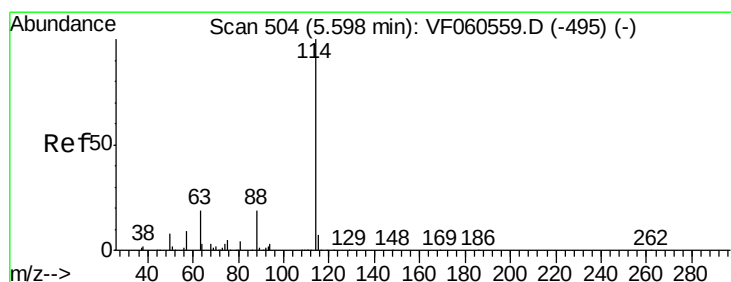
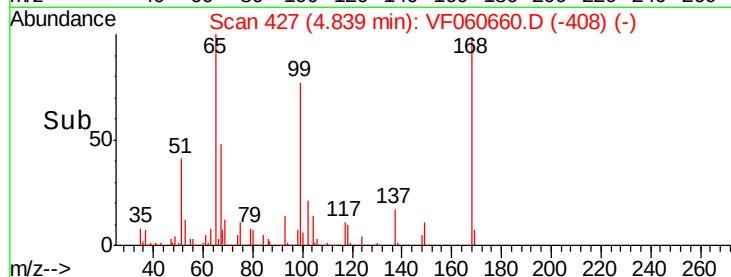
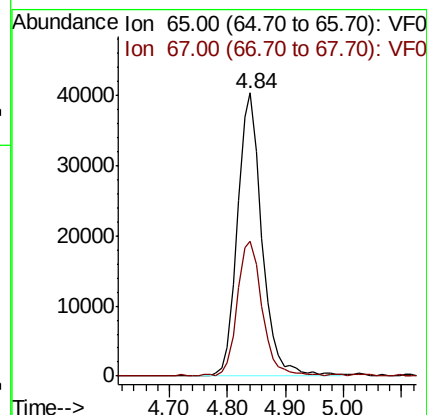
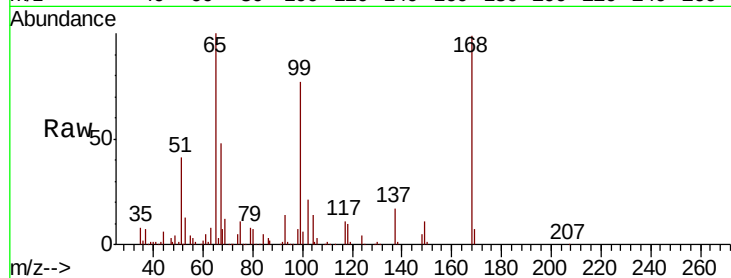
HC-SOIL-1

Tot Ion: 65 Resp: 117813

Ion Ratio Lower Upper

65 100

67 47.8 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: VF060660.D

Acq: 8 Nov 2018 20:11

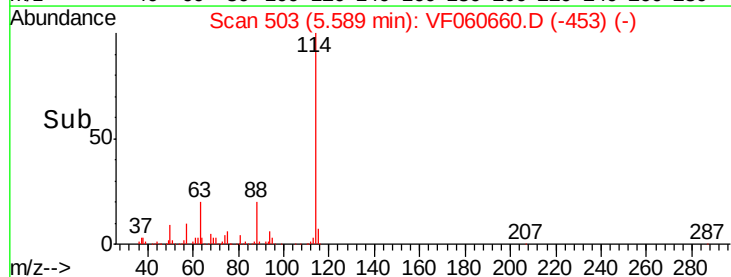
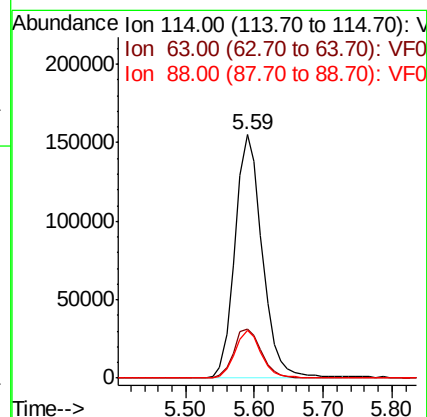
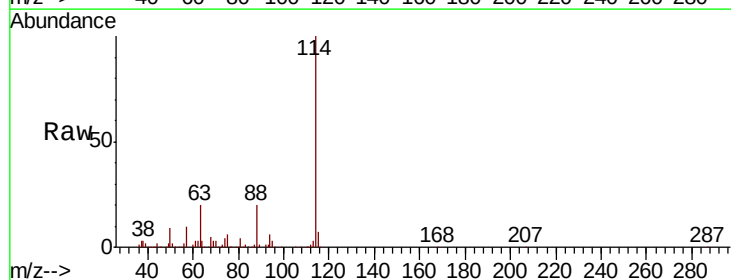
Tgt Ion: 114 Resp: 427610

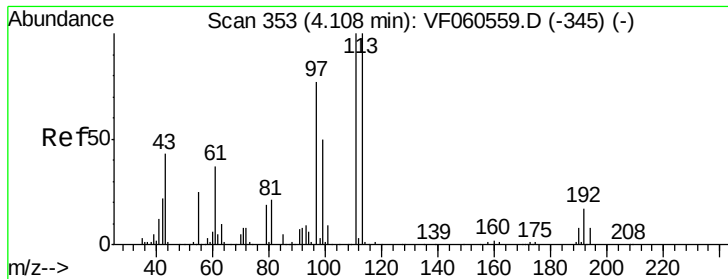
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

88 19.8 0.0 38.2





#35

Dibromofluoromethane

Concen: 42.035 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.00 min

Lab File: VF060660.D

Acq: 8 Nov 2018 20:11

Instrument :

MSVOA_F

ClientSampleId :

HC-SOIL-1

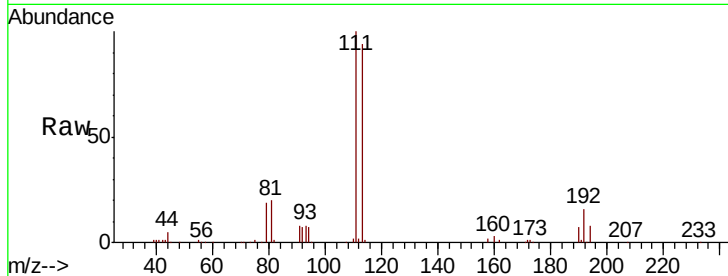
Tot Ion:113 Resp: 138871

Ion Ratio Lower Upper

113 100

111 106.5 79.9 119.9

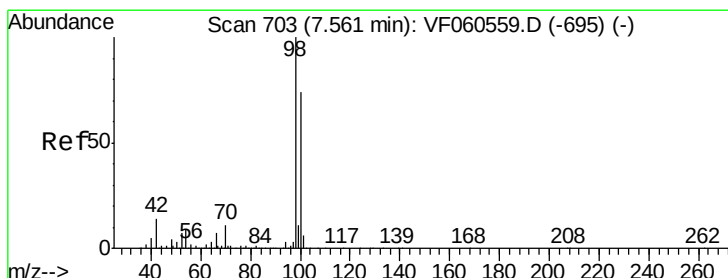
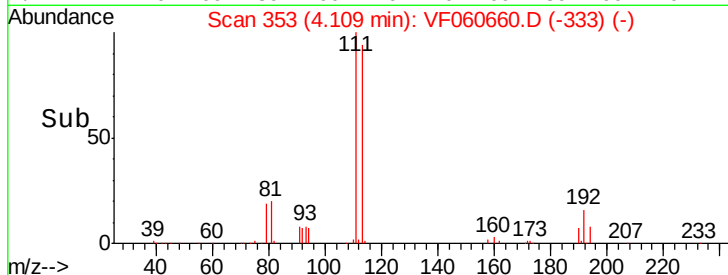
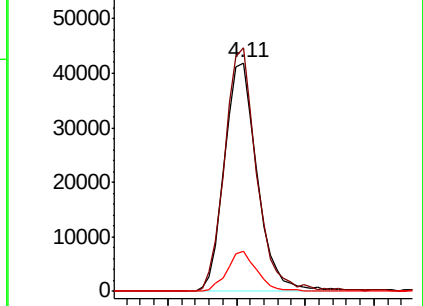
192 17.7 13.3 19.9



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: 34.376 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF060660.D

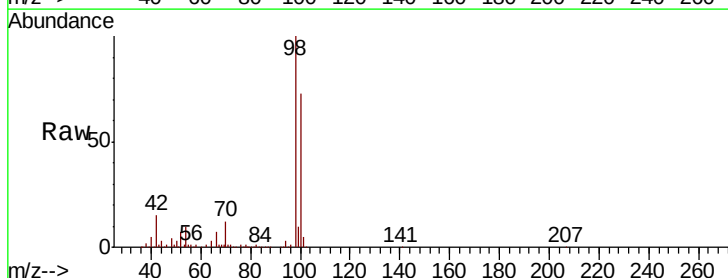
Acq: 8 Nov 2018 20:11

Tgt Ion: 98 Resp: 336420

Ion Ratio Lower Upper

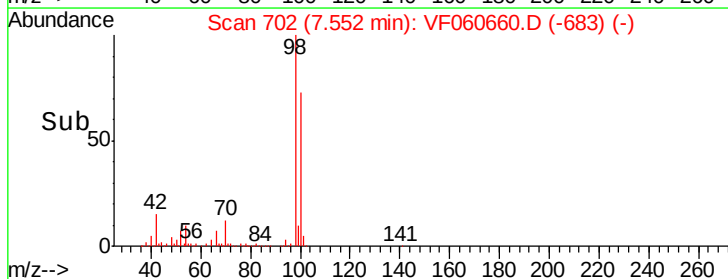
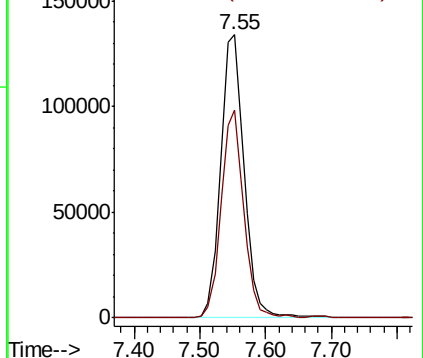
98 100

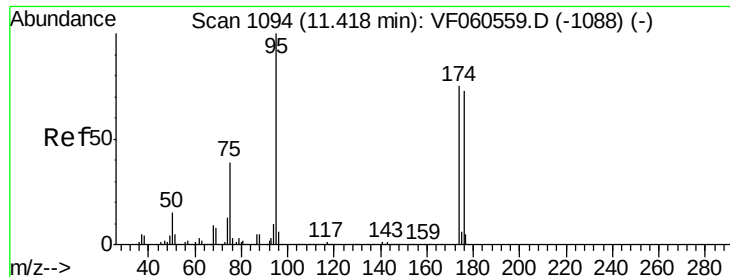
100 73.3 59.4 89.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 38.039 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF060660.D

Acq: 8 Nov 2018 20:11

Instrument :

MSVOA_F

ClientSampleId :

HC-SOIL-1

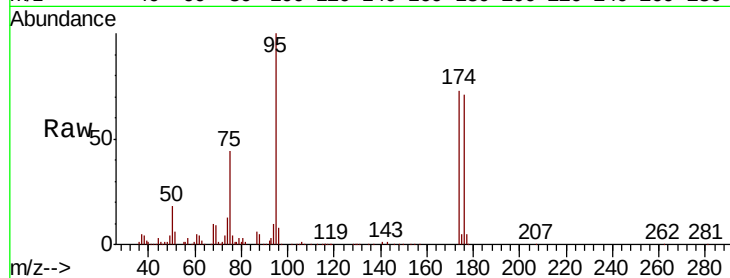
Tot Ion: 95 Resp: 162836

Ion Ratio Lower Upper

95 100

174 72.8 0.0 149.0

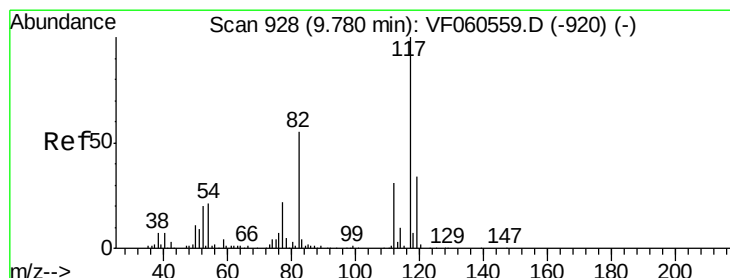
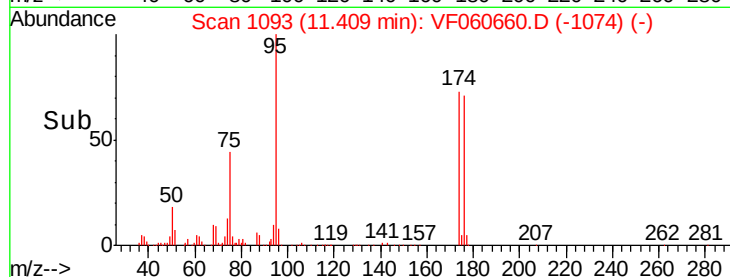
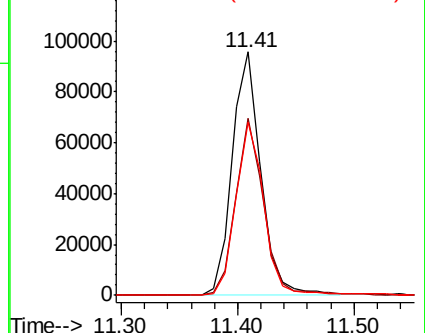
176 71.0 0.0 145.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.77 min Scan# 927

Delta R.T. -0.01 min

Lab File: VF060660.D

Acq: 8 Nov 2018 20:11

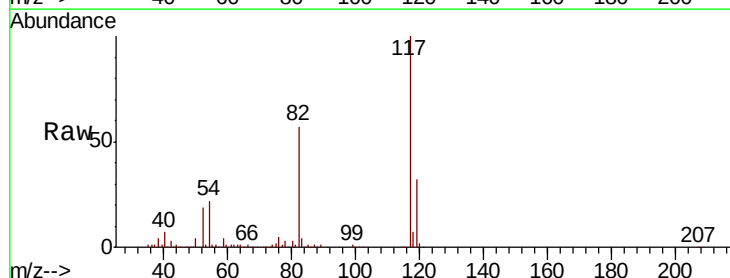
Tgt Ion: 117 Resp: 382500

Ion Ratio Lower Upper

117 100

82 56.6 43.9 65.9

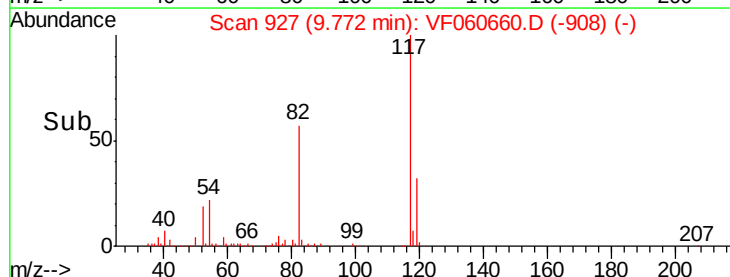
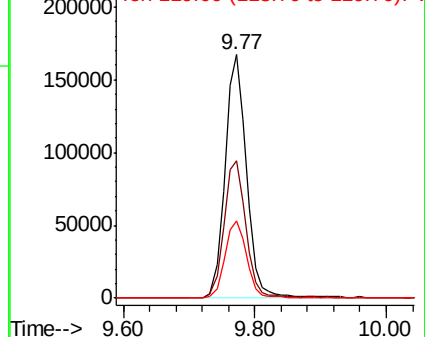
119 32.0 27.4 41.0

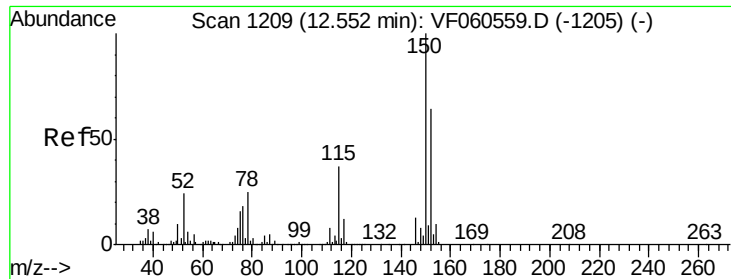


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.01 min

Lab File: VF060660.D

Acq: 8 Nov 2018 20:11

Instrument :

MSVOA_F

ClientSampleId :

HC-SOIL-1

Tot Ion:152 Resp: 201542

Ion Ratio Lower Upper

152 100

115 61.0 29.6 88.8

150 150.7 0.0 315.6

