

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092818\
 Data File : VF060379.D
 Acq On : 28 Sep 2018 20:49
 Operator : VA/AP
 Sample : J5170-01
 Misc : 6.04/5mL/MSVOA F/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HC-SOIL-1

Quant Time: Sep 29 01:14:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

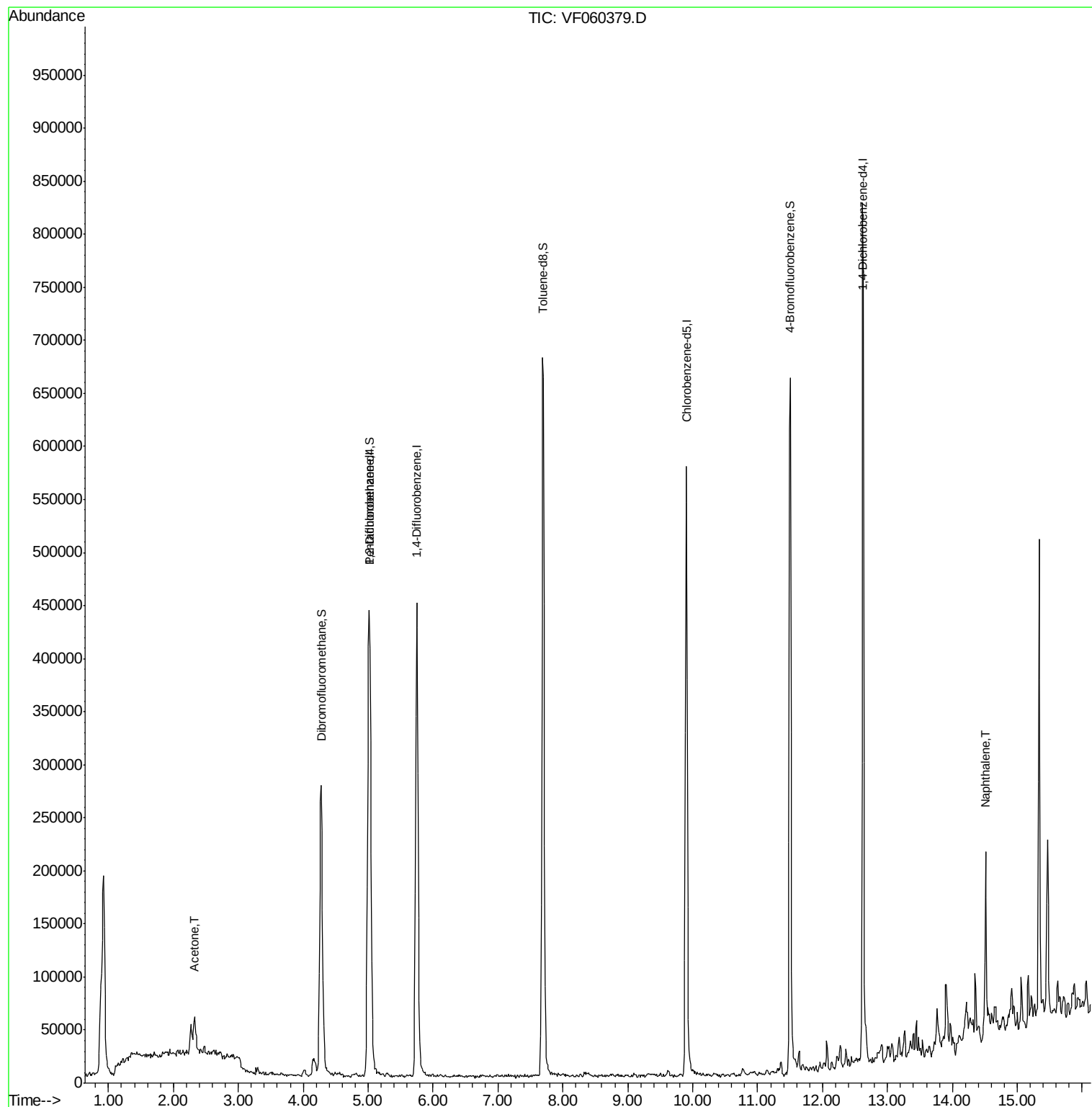
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	294151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	496153	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	420169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	215086	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	228463	57.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.36%	
35) Dibromofluoromethane	4.28	113	258145	58.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.74%	
50) Toluene-d8	7.69	98	597497	51.87	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	11.50	95	253551	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
Target Compounds						
16) Acetone	2.34	43	38142	34.194	ug/l #	84
95) Naphthalene	14.51	128	82796	8.759	ug/l	95

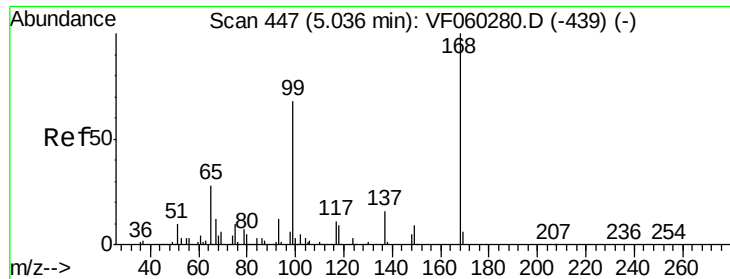
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
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Quant Time: Sep 29 01:14:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060379.D

Acq: 28 Sep 2018 20:49

Instrument :

MSVOA_F

ClientSampleId :

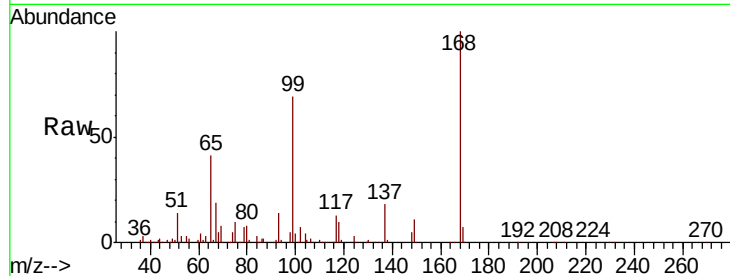
HC-SOIL-1

Tot Ion:168 Resp: 294151

Ion Ratio Lower Upper

168 100

99 69.2 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

100000

80000

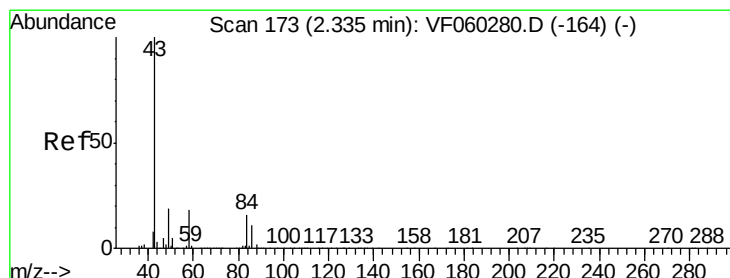
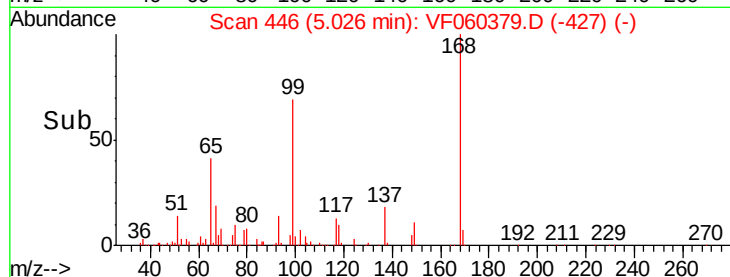
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 34.194 ug/l

RT: 2.34 min Scan# 173

Delta R.T. 0.00 min

Lab File: VF060379.D

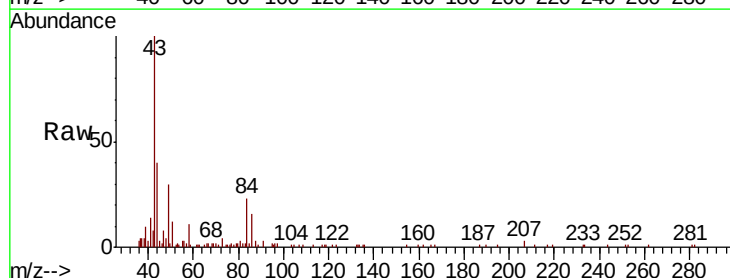
Acq: 28 Sep 2018 20:49

Tgt Ion: 43 Resp: 38142

Ion Ratio Lower Upper

43 100

58 11.0 14.5 21.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.34

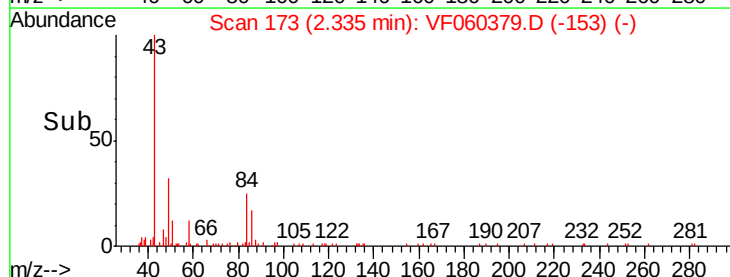
15000

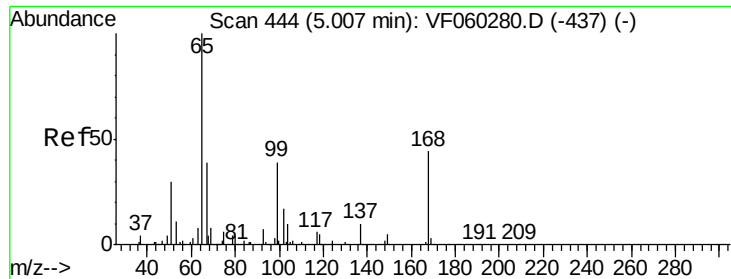
10000

5000

0

Time-->

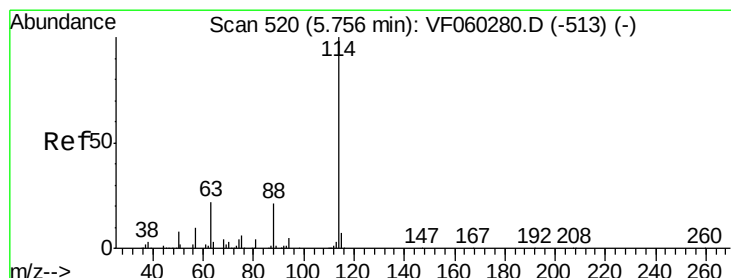
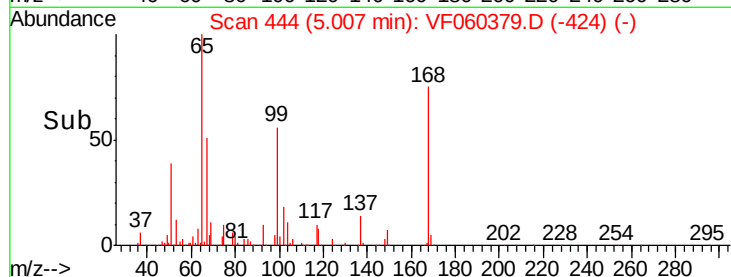
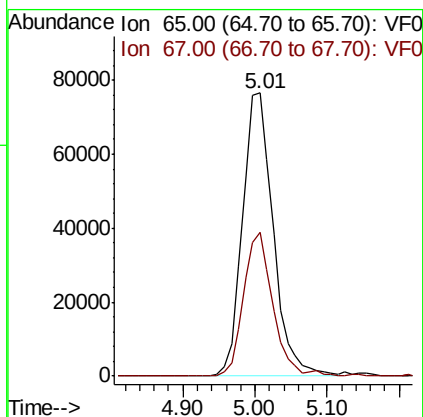
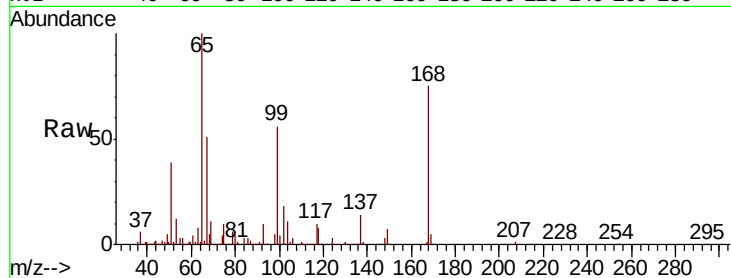




#33
 1,2-Dichloroethane-d4
 Concen: 57.681 ug/l
 RT: 5.01 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: VF060379.D
 Acq: 28 Sep 2018 20:49

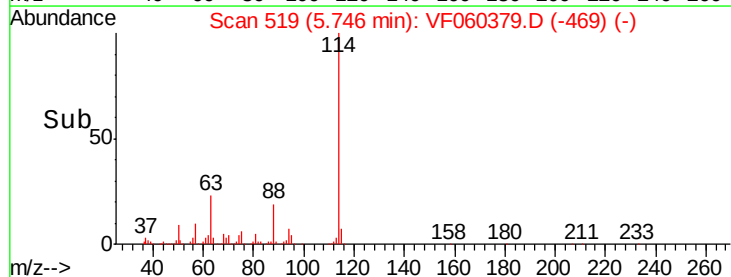
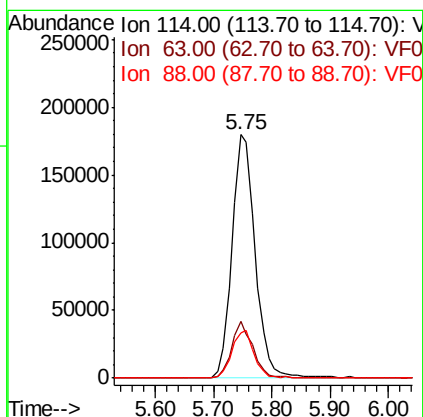
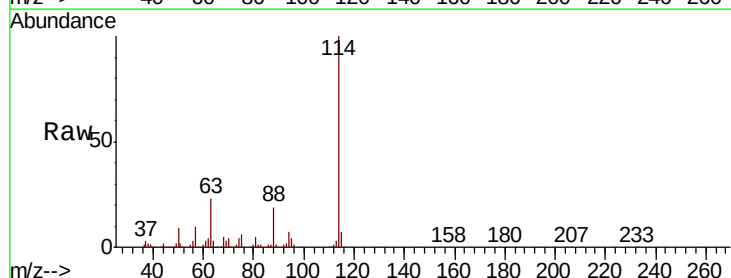
Instrument :
 MSVOA_F
 ClientSampled :
 HC-SOIL-1

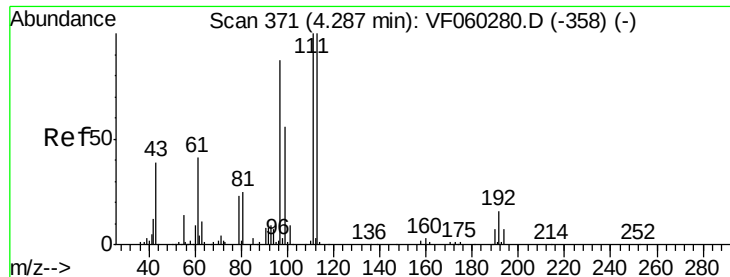
Tot Ion: 65 Resp: 228463
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 94.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: VF060379.D
 Acq: 28 Sep 2018 20:49

Tgt Ion: 114 Resp: 496153
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 43.8
 88 18.7 0.0 41.2





#35

Dibromofluoromethane

Concen: 58.366 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.01 min

Lab File: VF060379.D

Acq: 28 Sep 2018 20:49

Instrument :

MSVOA_F

ClientSampleId :

HC-SOIL-1

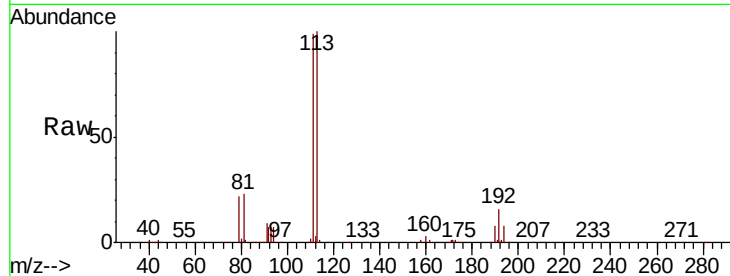
Tot Ion:113 Resp: 258145

Ion Ratio Lower Upper

113 100

111 99.0 79.6 119.4

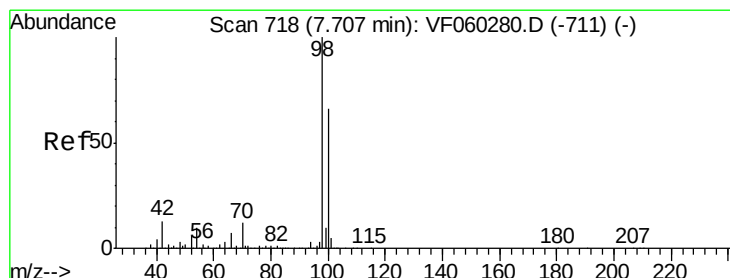
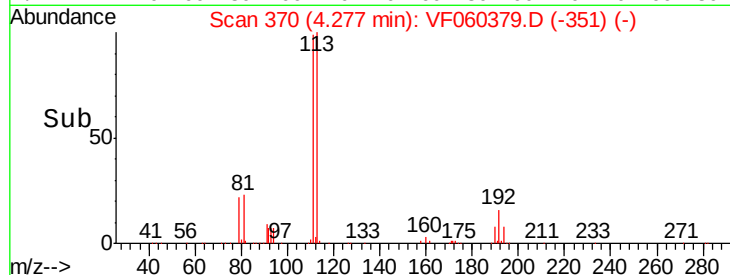
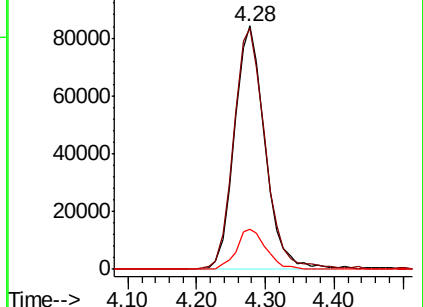
192 16.4 13.0 19.6



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: 51.875 ug/l

RT: 7.69 min Scan# 716

Delta R.T. -0.02 min

Lab File: VF060379.D

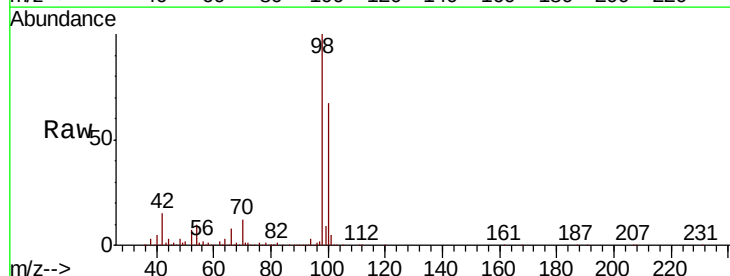
Acq: 28 Sep 2018 20:49

Tgt Ion: 98 Resp: 597497

Ion Ratio Lower Upper

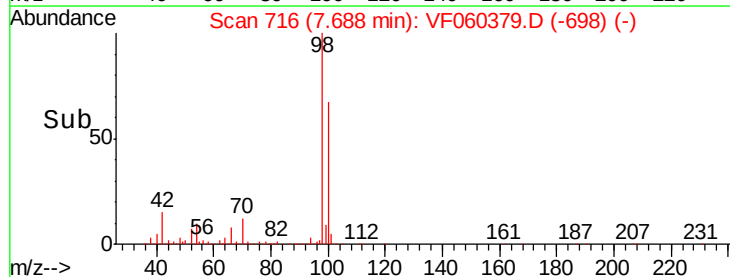
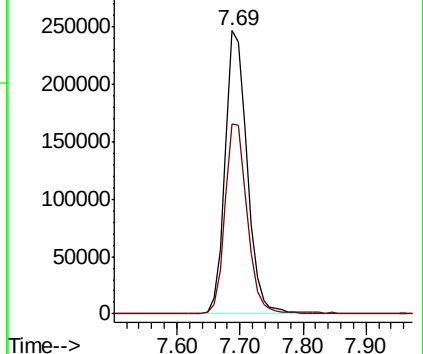
98 100

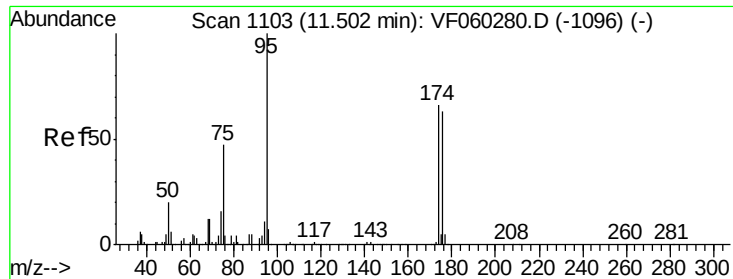
100 67.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 50.925 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VF060379.D

Acq: 28 Sep 2018 20:49

Instrument :

MSVOA_F

ClientSampleId :

HC-SOIL-1

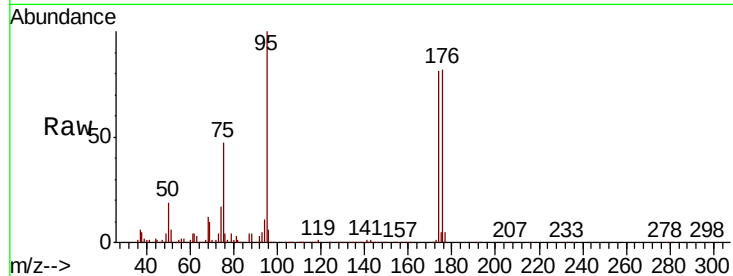
Tot Ion: 95 Resp: 253551

Ion Ratio Lower Upper

95 100

174 81.5 0.0 131.2

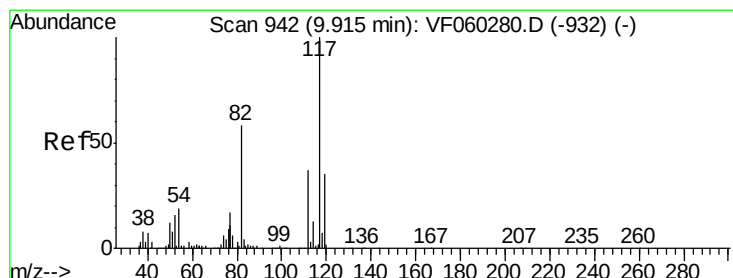
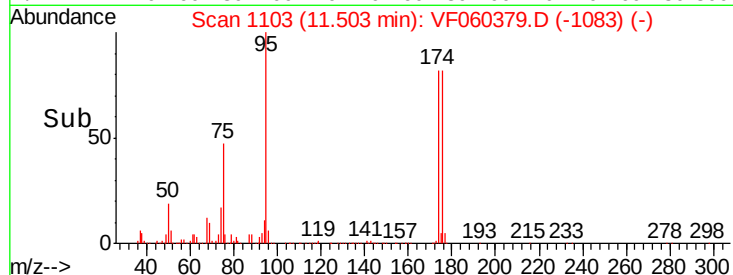
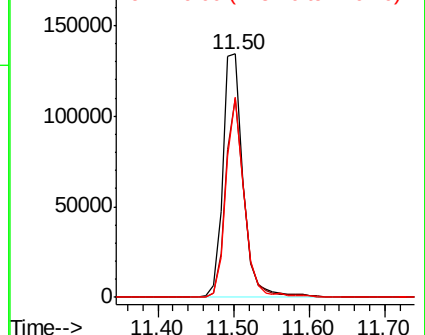
176 82.3 0.0 126.6



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: 50.000 ug/l

RT: 9.91 min Scan# 941

Delta R.T. -0.01 min

Lab File: VF060379.D

Acq: 28 Sep 2018 20:49

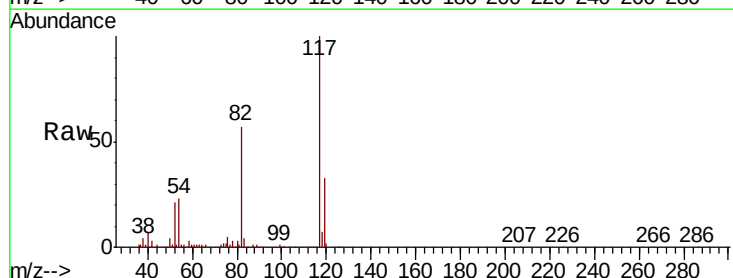
Tgt Ion: 117 Resp: 420169

Ion Ratio Lower Upper

117 100

82 57.4 46.2 69.2

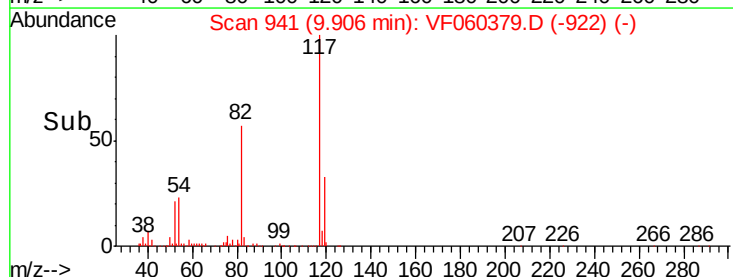
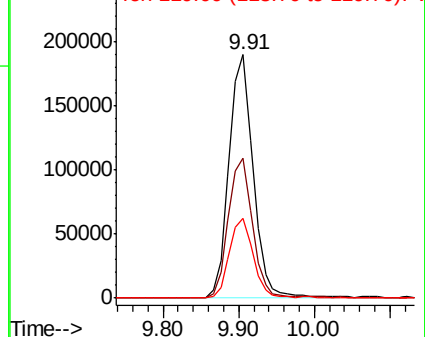
119 32.6 27.8 41.6

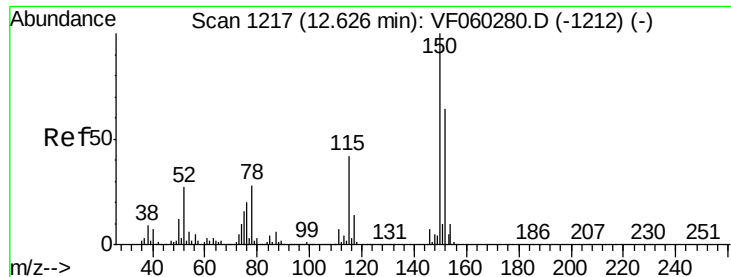


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



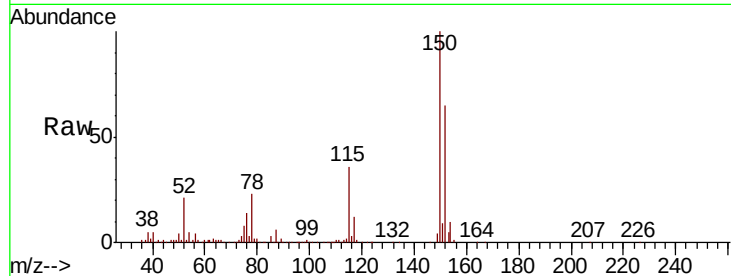


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060379.D
Acq: 28 Sep 2018 20:49

Instrument :
MSVOA_F
ClientSampleId :
HC-SOIL-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	32.6	97.8
150	153.4	0.0	314.2

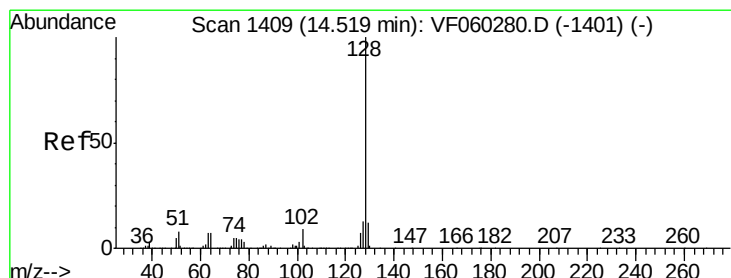
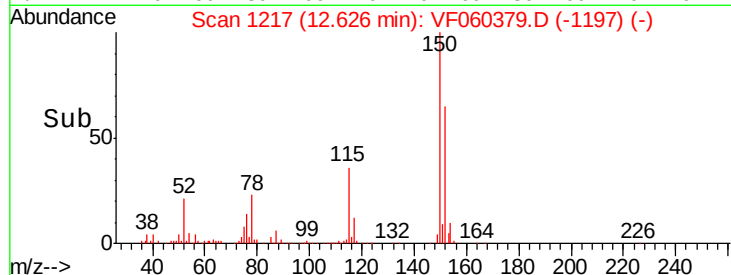
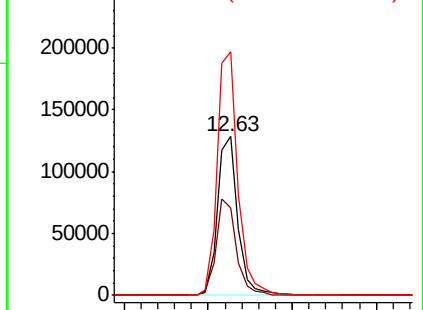


Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

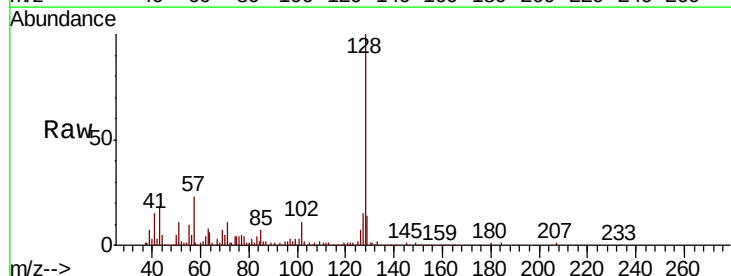
Ion 150.00 (149.70 to 150.70): V



#95

Naphthalene
Concen: 8.759 ug/l
RT: 14.51 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VF060379.D
Acq: 28 Sep 2018 20:49

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.0	10.1	15.1
129	13.5	9.8	14.8



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

