

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
 Data File : VF060384.D
 Acq On : 28 Sep 2018 23:08
 Operator : VA/AP
 Sample : J5170-25
 Misc : 6.53/5mL/MSVOA F/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HC-SOIL-5

Quant Time: Oct 01 15:55:52 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

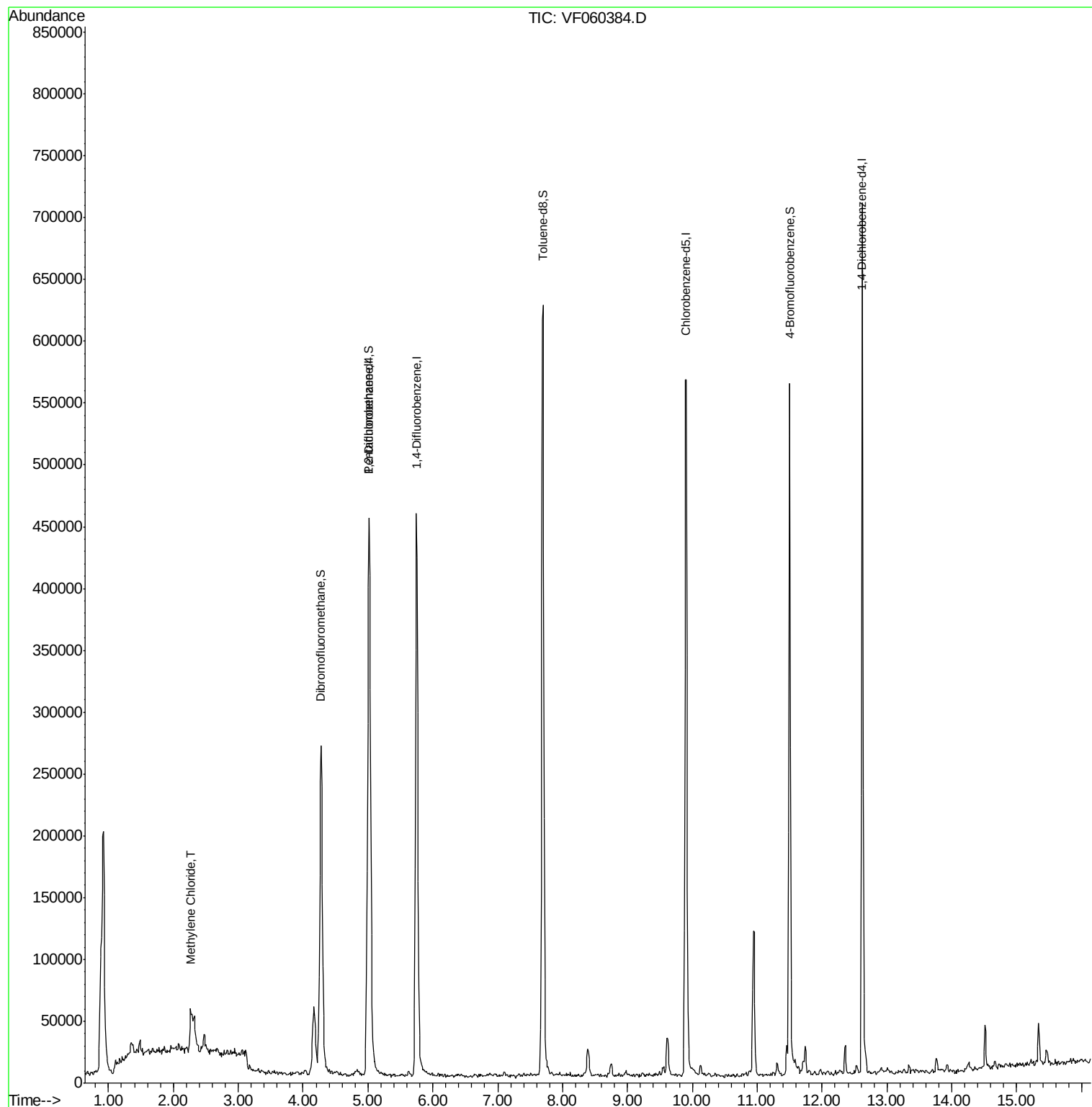
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	296189	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	494200	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	411455	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	182473	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	225977	56.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.32%	
35) Dibromofluoromethane	4.28	113	243958	55.38	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	110.76%	
50) Toluene-d8	7.70	98	555176	48.39	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	11.49	95	212334	42.82	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	85.64%	
Target Compounds						
20) Methylene Chloride	2.27	84	27597	1.955	ug/l #	Qvalue 89

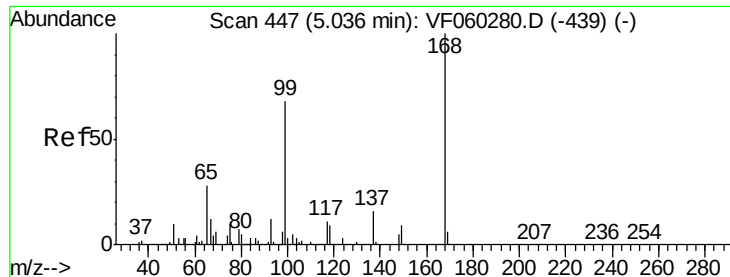
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060384.D

Acq: 28 Sep 2018 23:08

Instrument :

MSVOA_F

ClientSampleId :

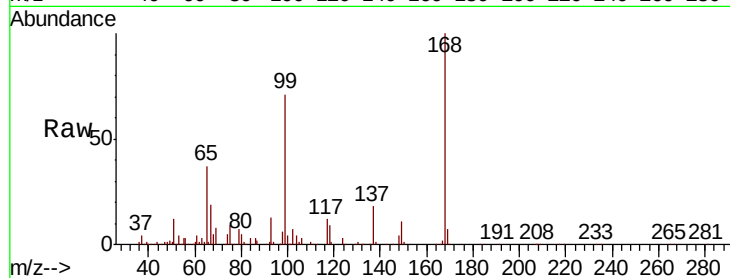
HC-SOIL-5

Tot Ion:168 Resp: 296189

Ion Ratio Lower Upper

168 100

99 71.4 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

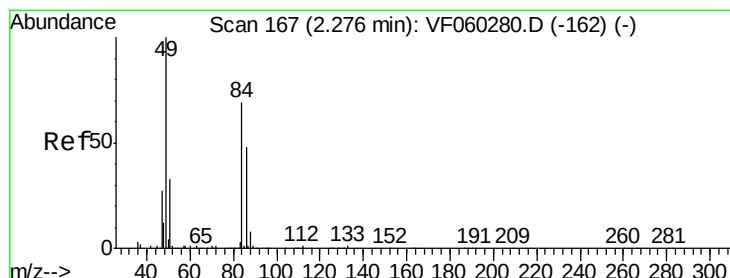
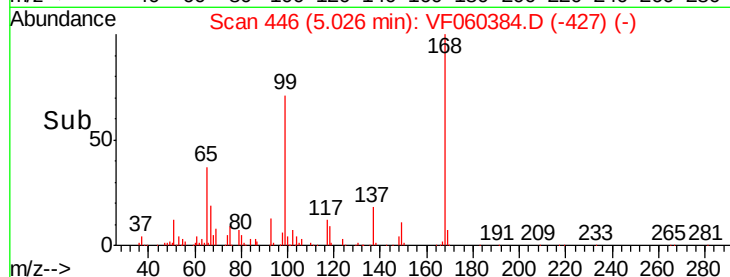
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 1.955 ug/l

RT: 2.27 min Scan# 166

Delta R.T. -0.01 min

Lab File: VF060384.D

Acq: 28 Sep 2018 23:08

Tgt Ion: 84 Resp: 27597

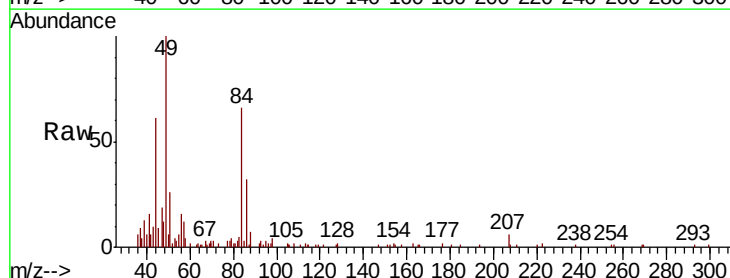
Ion Ratio Lower Upper

84 100

49 152.2 118.3 177.5

51 39.1 38.7 58.1

86 48.2 55.8 83.6#



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

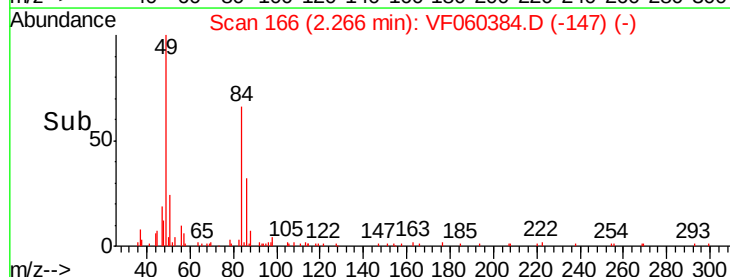
15000

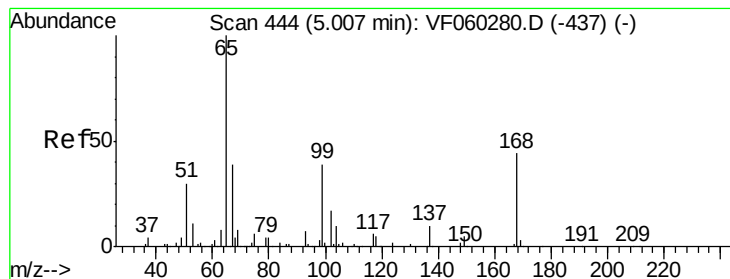
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 56.660 ug/l

RT: 5.01 min Scan# 444

Delta R.T. -0.00 min

Lab File: VF060384.D

Acq: 28 Sep 2018 23:08

Instrument :

MSVOA_F

ClientSampled :

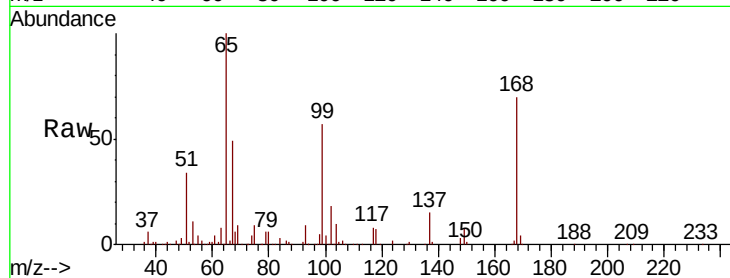
HC-SOIL-5

Tot Ion: 65 Resp: 225977

Ion Ratio Lower Upper

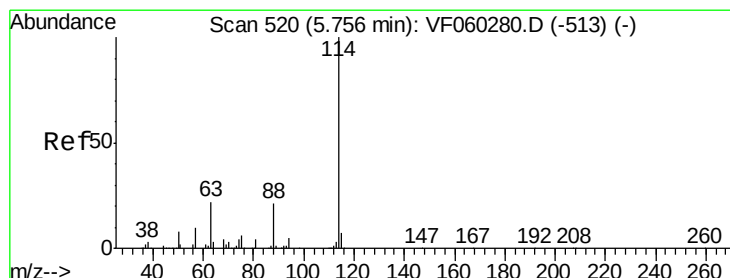
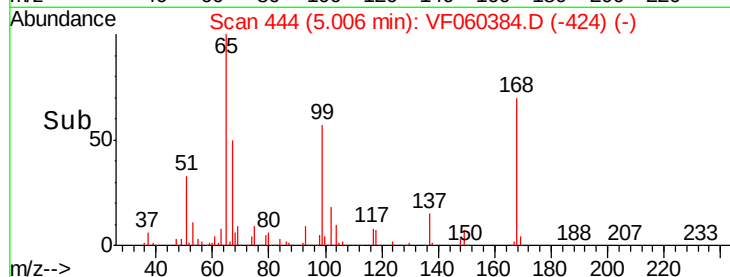
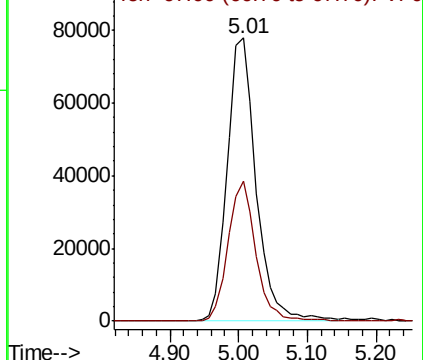
65 100

67 49.5 0.0 94.4



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: 5.75 min Scan# 519

Delta R.T. -0.01 min

Lab File: VF060384.D

Acq: 28 Sep 2018 23:08

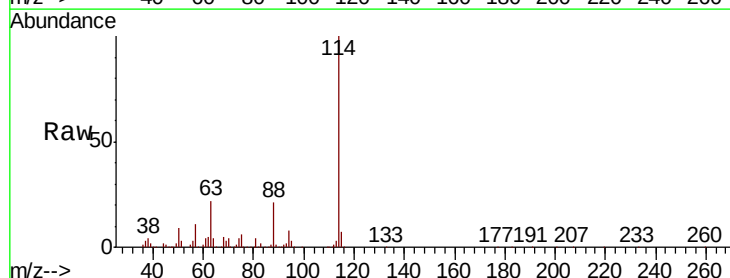
Tgt Ion: 114 Resp: 494200

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.8

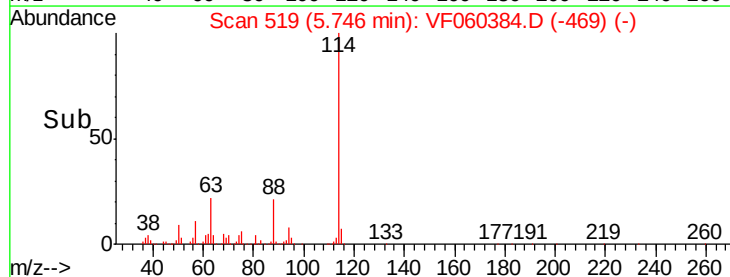
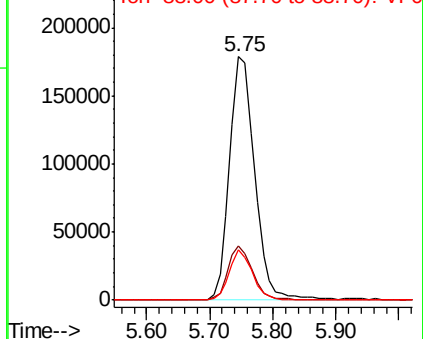
88 20.7 0.0 41.2

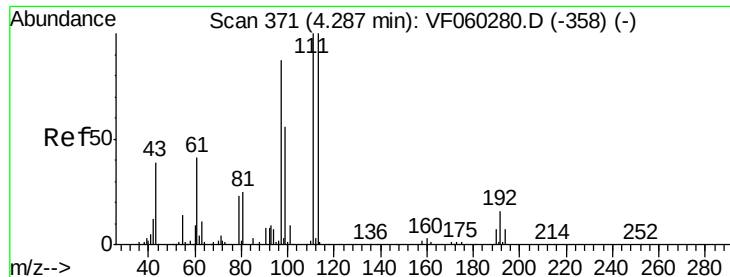


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 55.377 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.01 min

Lab File: VF060384.D

Acq: 28 Sep 2018 23:08

Instrument :

MSVOA_F

ClientSampleId :

HC-SOIL-5

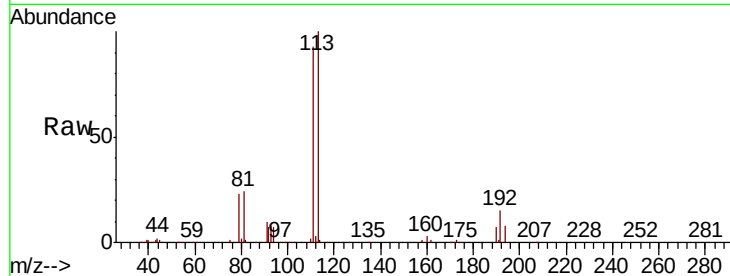
Tot Ion:113 Resp: 243958

Ion Ratio Lower Upper

113 100

111 92.9 79.6 119.4

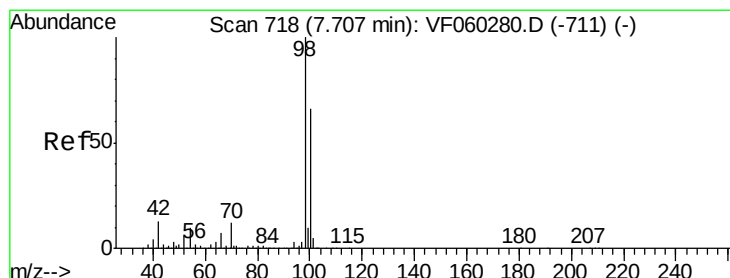
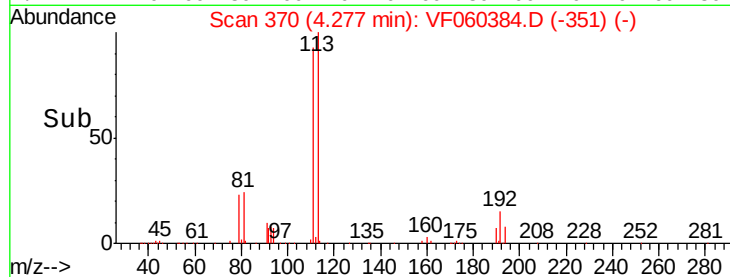
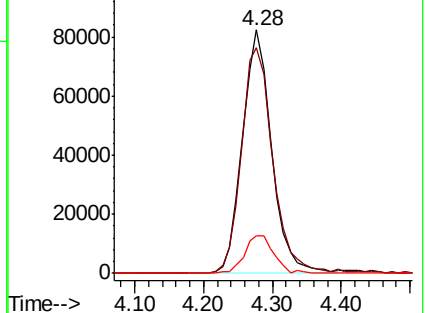
192 15.3 13.0 19.6



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: 48.391 ug/l

RT: 7.70 min Scan# 717

Delta R.T. -0.01 min

Lab File: VF060384.D

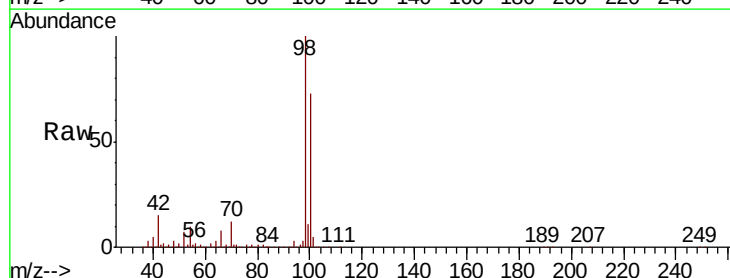
Acq: 28 Sep 2018 23:08

Tgt Ion: 98 Resp: 555176

Ion Ratio Lower Upper

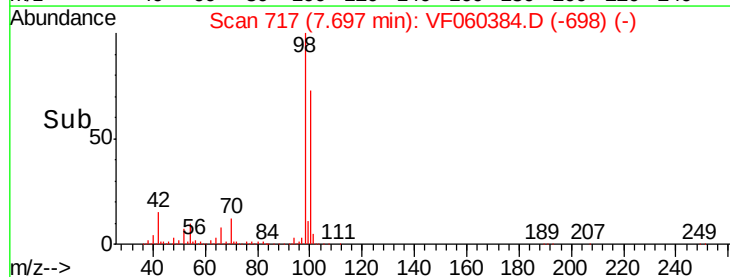
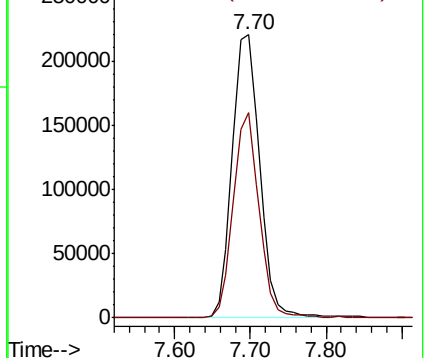
98 100

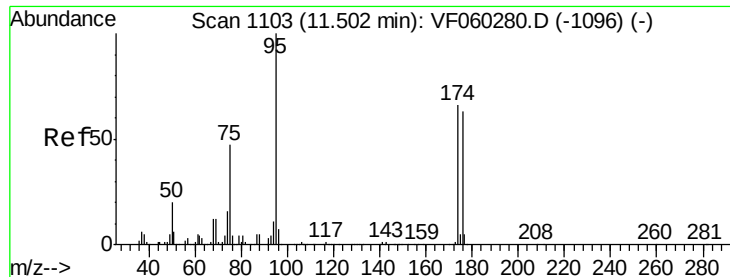
100 72.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 42.815 ug/l

RT: 11.49 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VF060384.D

Acq: 28 Sep 2018 23:08

Instrument :

MSVOA_F

ClientSampled :

HC-SOIL-5

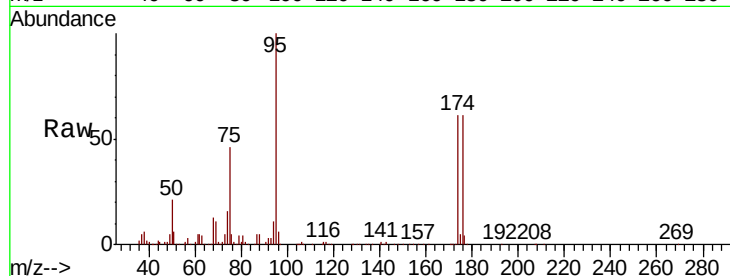
Tot Ion: 95 Resp: 212334

Ion Ratio Lower Upper

95 100

174 61.3 0.0 131.2

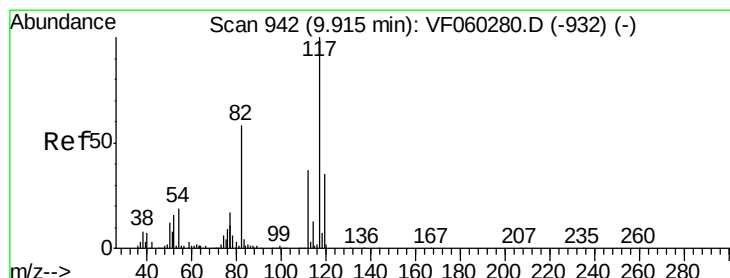
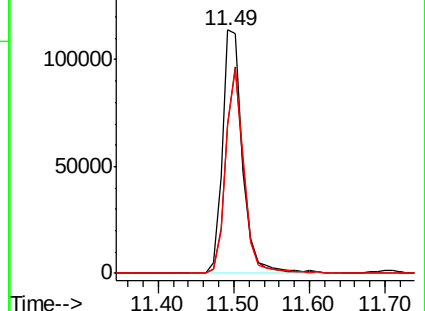
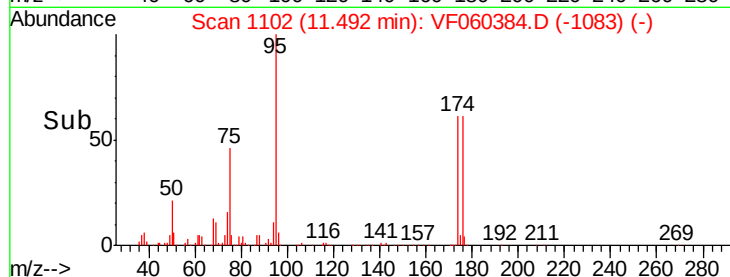
176 61.3 0.0 126.6



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: VF060384.D

Acq: 28 Sep 2018 23:08

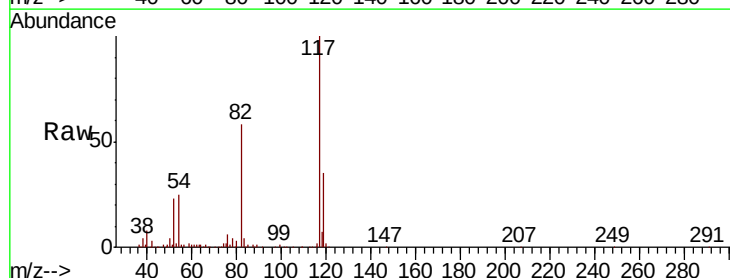
Tgt Ion: 117 Resp: 411455

Ion Ratio Lower Upper

117 100

82 57.9 46.2 69.2

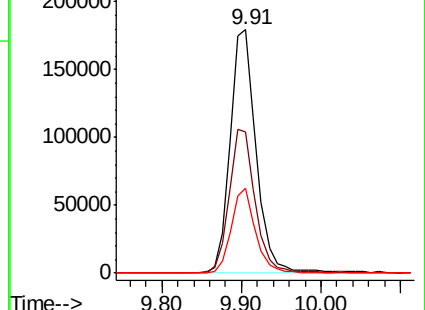
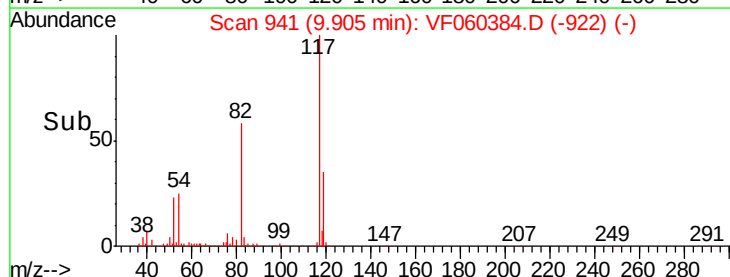
119 34.9 27.8 41.6

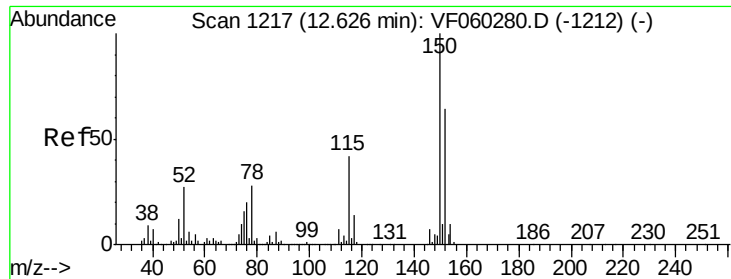


Abundance Ion 117.00 (116.70 to 117.70): V

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: VF060384.D

Acq: 28 Sep 2018 23:08

Instrument :

MSVOA_F

ClientSampleId :

HC-SOIL-5

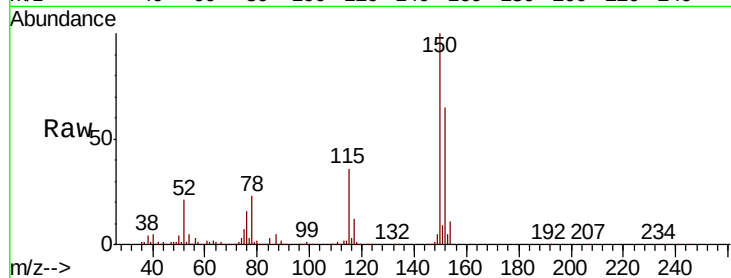
Tot Ion:152 Resp: 182473

Ion Ratio Lower Upper

152 100

115 56.2 32.6 97.8

150 154.1 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

