

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110818\
 Data File : VF060654.D
 Acq On : 8 Nov 2018 17:20
 Operator : VA/AP
 Sample : J5838-01
 Misc : 6.96g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HC-SOIL-1

Quant Time: Nov 09 13:32:42 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	4.85	168	269100	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.58	114	451169	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	399492	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	202798	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	114369	42.06	ug/l	-0.01
Spiked Amount			Recovery	=	84.12%	
35) Dibromofluoromethane	4.11	113	138652	39.78	ug/l	0.00
Spiked Amount			Recovery	=	79.56%	
50) Toluene-d8	7.55	98	328724	31.84	ug/l	-0.01
Spiked Amount			Recovery	=	63.68%	
62) 4-Bromofluorobenzene	11.40	95	162431	35.96	ug/l	-0.01
Spiked Amount			Recovery	=	71.92%	

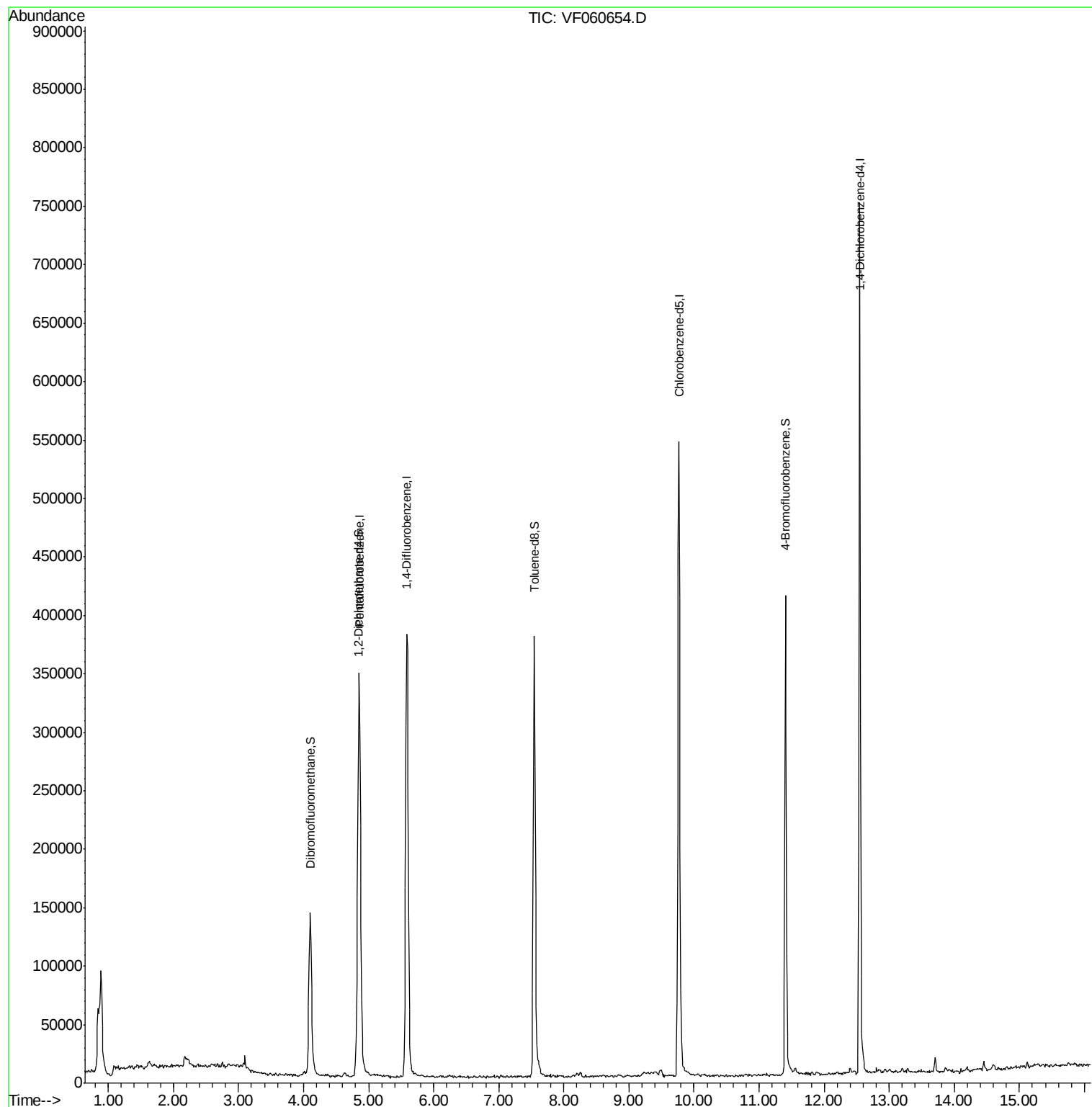
Target Compounds	Qvalue
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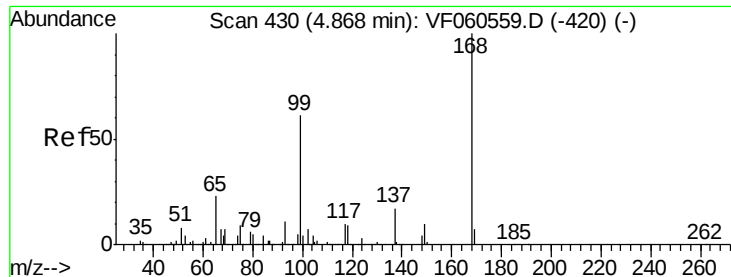
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF060654.D

Acq: 8 Nov 2018 17:20

Instrument :

MSVOA_F

ClientSampleId :

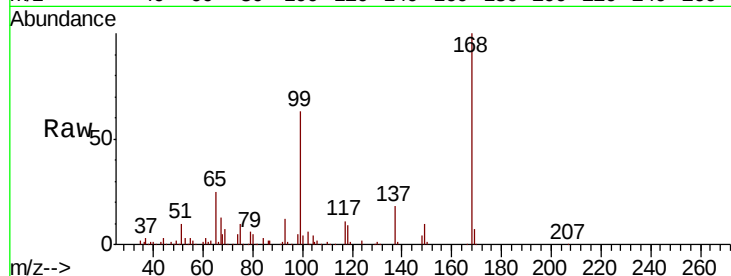
HC-SOIL-1

Tot Ion:168 Resp: 269100

Ion Ratio Lower Upper

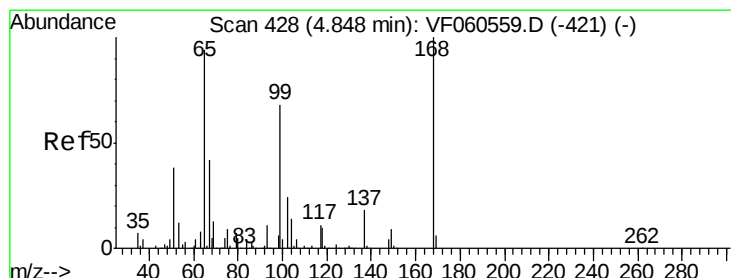
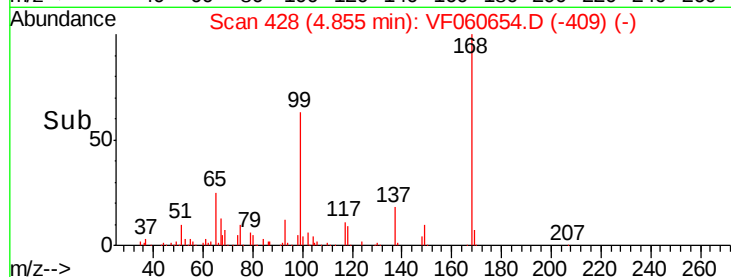
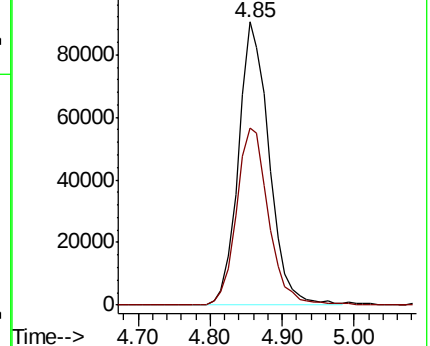
168 100

99 62.6 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 42.064 ug/l

RT: 4.84 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF060654.D

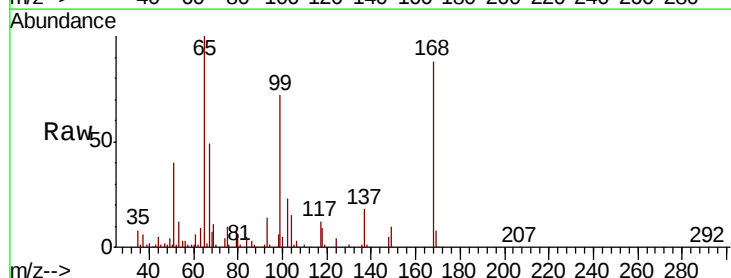
Acq: 8 Nov 2018 17:20

Tgt Ion: 65 Resp: 114369

Ion Ratio Lower Upper

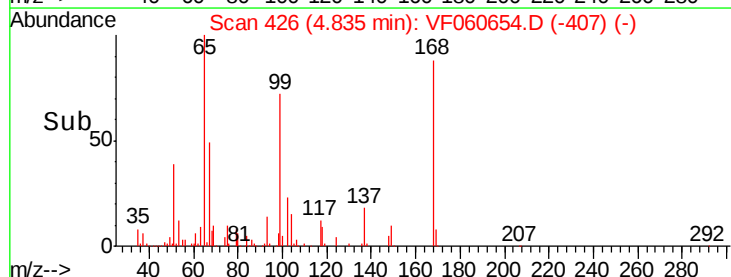
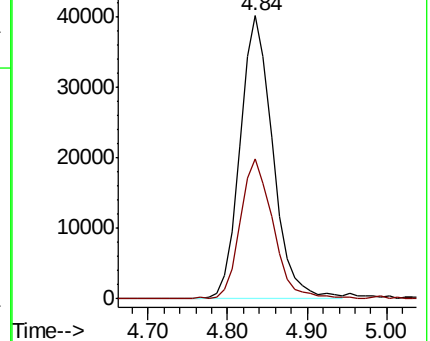
65 100

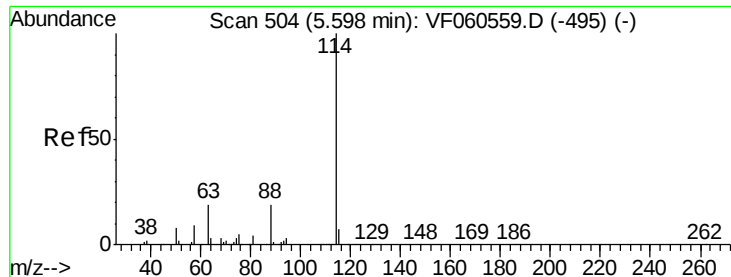
67 49.3 0.0 101.8



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: 5.58 min Scan# 502

Delta R.T. -0.01 min

Lab File: VF060654.D

Acq: 8 Nov 2018 17:20

Instrument :

MSVOA_F

ClientSampleId :

HC-SOIL-1

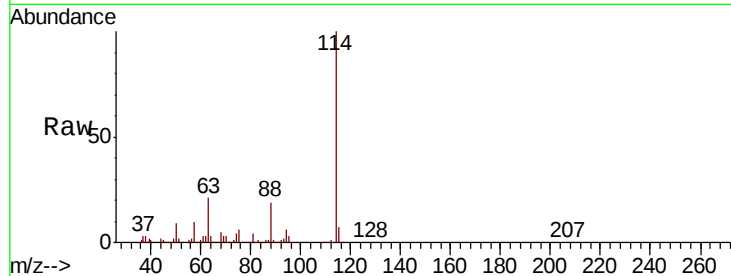
Tot Ion:114 Resp: 451169

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.0

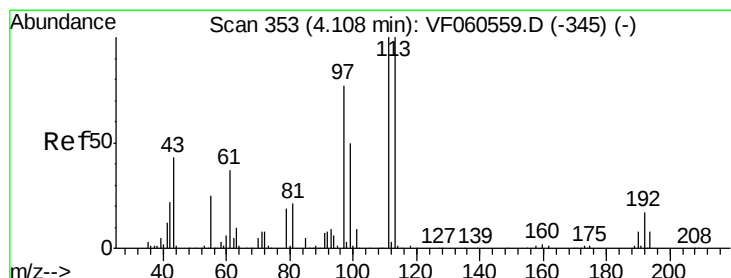
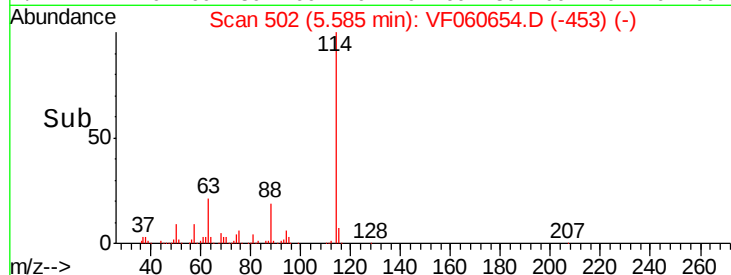
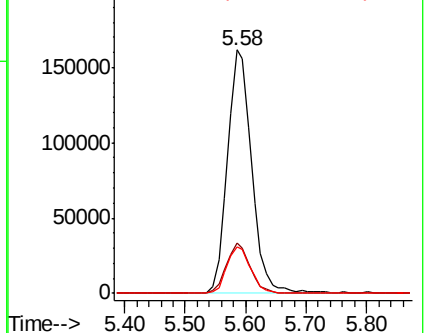
88 19.1 0.0 38.2



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: 39.777 ug/l

RT: 4.11 min Scan# 352

Delta R.T. -0.00 min

Lab File: VF060654.D

Acq: 8 Nov 2018 17:20

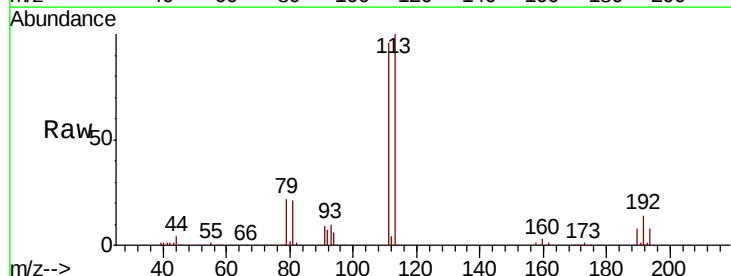
Tgt Ion:113 Resp: 138652

Ion Ratio Lower Upper

113 100

111 95.9 79.9 119.9

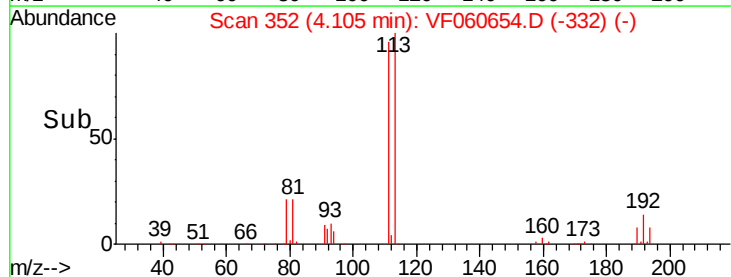
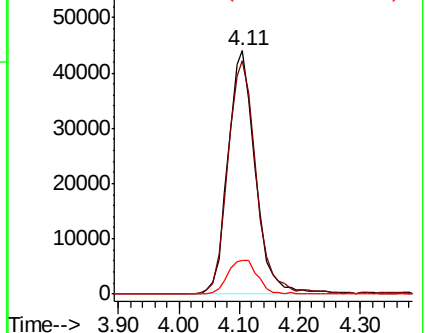
192 14.1 13.3 19.9



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

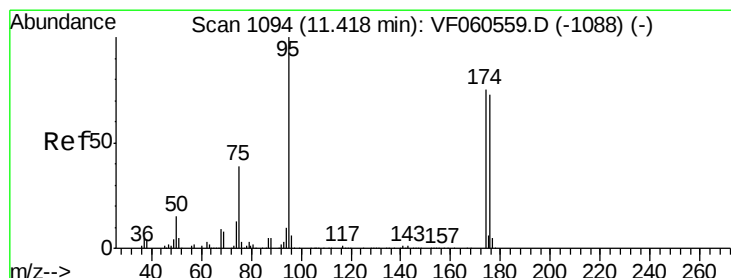
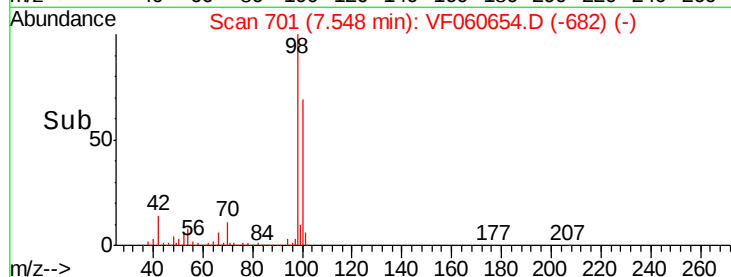
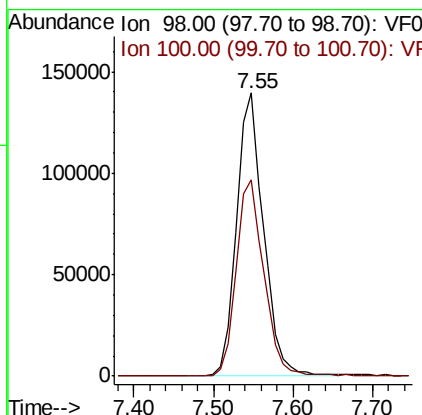
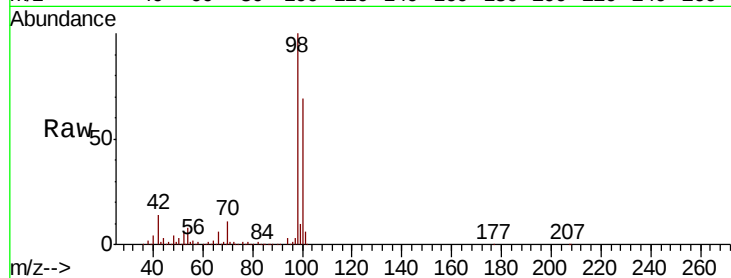




#50
Toluene-d8
Concen: 31.835 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF060654.D
Acq: 8 Nov 2018 17:20

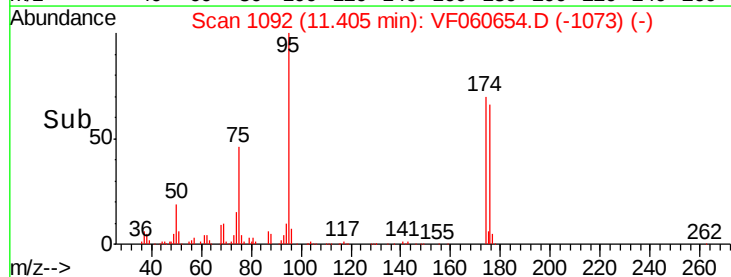
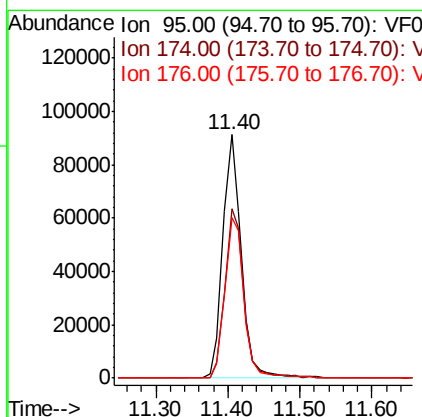
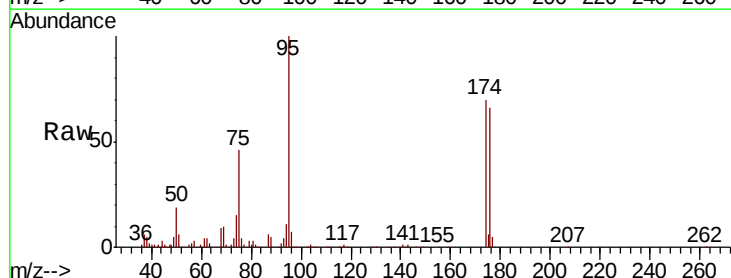
Instrument :
MSVOA_F
ClientSampleId :
HC-SOIL-1

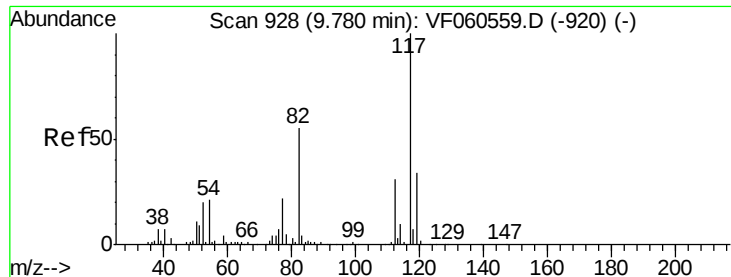
Tot Ion: 98 Resp: 328724
Ion Ratio Lower Upper
98 100
100 69.3 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 35.963 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF060654.D
Acq: 8 Nov 2018 17:20

Tgt Ion: 95 Resp: 162431
Ion Ratio Lower Upper
95 100
174 69.7 0.0 149.0
176 66.1 0.0 145.6

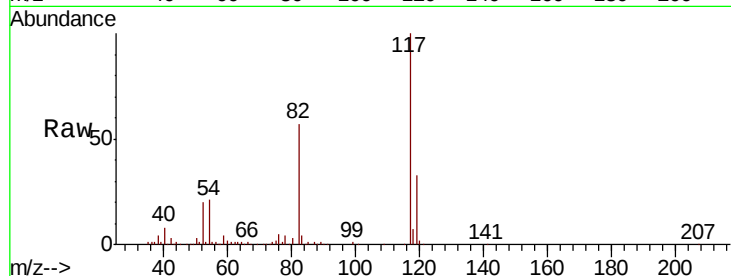




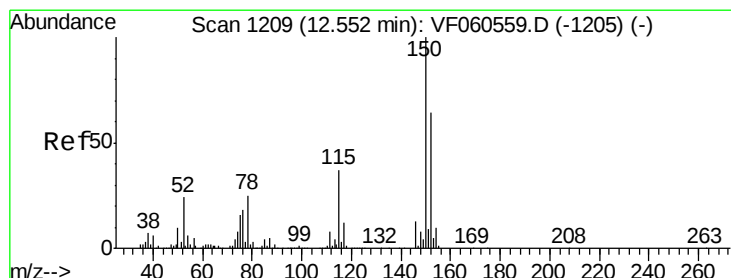
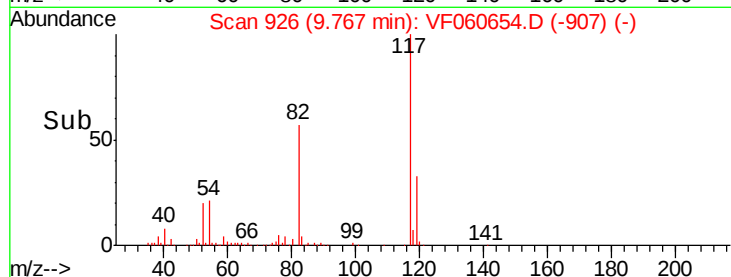
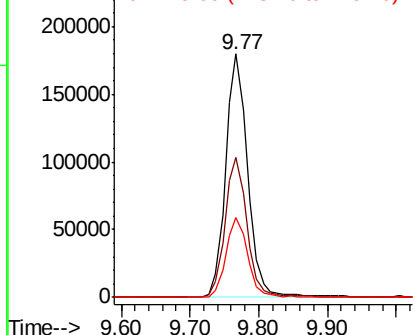
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF060654.D
Acq: 8 Nov 2018 17:20

Instrument :
MSVOA_F
ClientSampleId :
HC-SOIL-1

Tot Ion:117 Resp: 399492
Ion Ratio Lower Upper
117 100
82 57.3 43.9 65.9
119 32.8 27.4 41.0

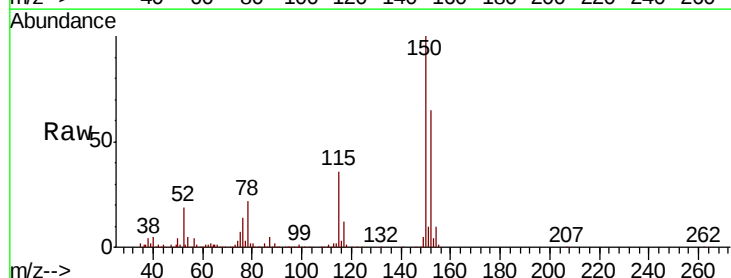


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF060654.D
Acq: 8 Nov 2018 17:20

Tgt Ion:152 Resp: 202798
Ion Ratio Lower Upper
152 100
115 54.7 29.6 88.8
150 152.8 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

