

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110818\
 Data File : VF060655.D
 Acq On : 8 Nov 2018 17:48
 Operator : VA/AP
 Sample : J5838-11
 Misc : 7.43g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HC-SOIL-2

Quant Time: Nov 09 13:35:32 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	226645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	402135	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	370175	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	185904	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	106374	46.45	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	92.90%	
35) Dibromofluoromethane	4.10	113	131799	42.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.84%	
50) Toluene-d8	7.55	98	309152	33.59	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	67.18%	
62) 4-Bromofluorobenzene	11.40	95	155011	38.50	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	77.00%	

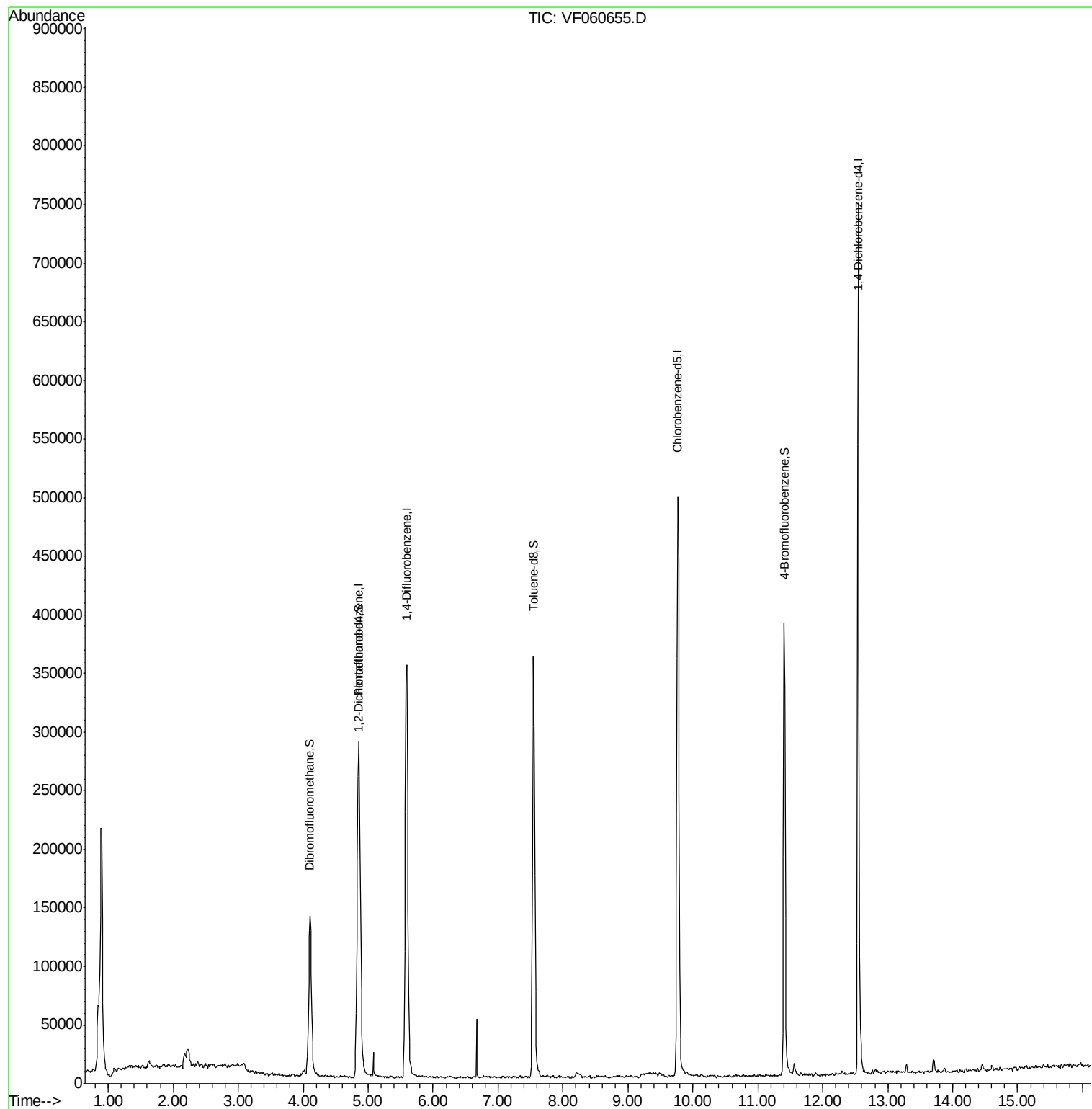
Target Compounds	Qvalue

(#) = 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. -0.00 min

Lab File: VF060655.D

Acq: 8 Nov 2018 17:48

Instrument :

MSVOA_F

ClientSampleId :

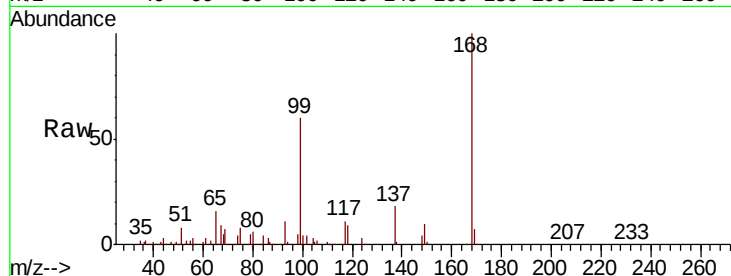
HC-SOIL-2

Tot Ion:168 Resp: 226645

Ion Ratio Lower Upper

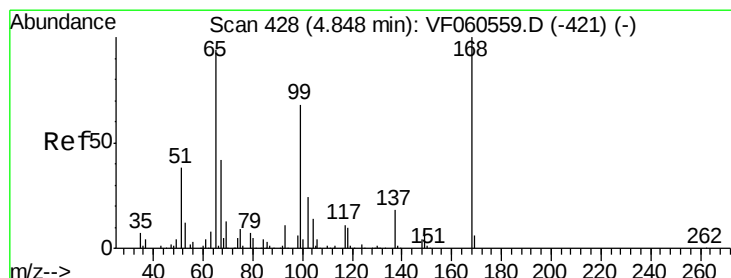
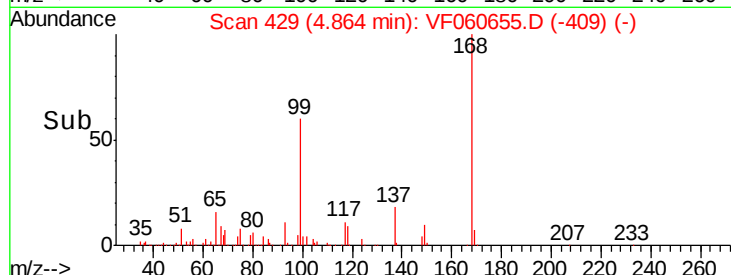
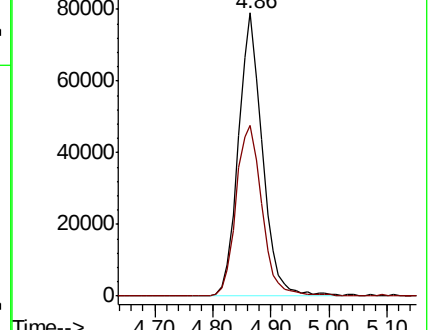
168 100

99 60.3 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: 46.452 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF060655.D

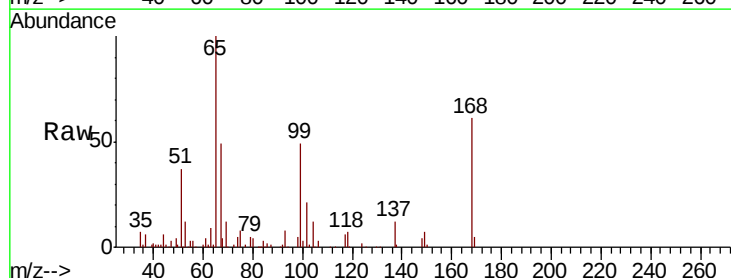
Acq: 8 Nov 2018 17:48

Tgt Ion: 65 Resp: 106374

Ion Ratio Lower Upper

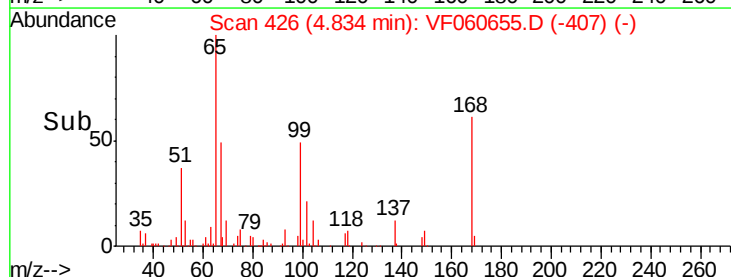
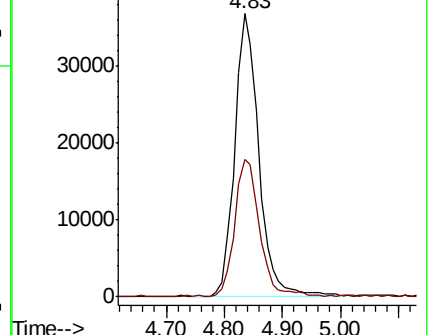
65 100

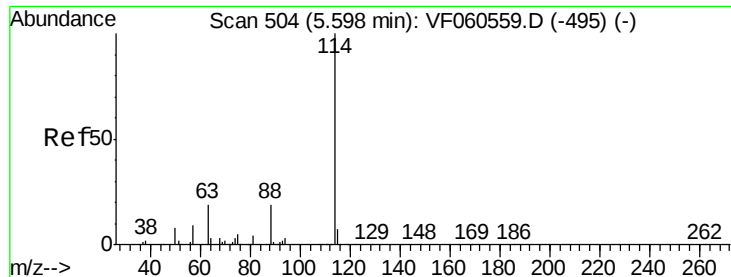
67 48.6 0.0 101.8



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: 5.59 min Scan# 503

Delta R.T. -0.00 min

Lab File: VF060655.D

Acq: 8 Nov 2018 17:48

Instrument :

MSVOA_F

ClientSampleId :

HC-SOIL-2

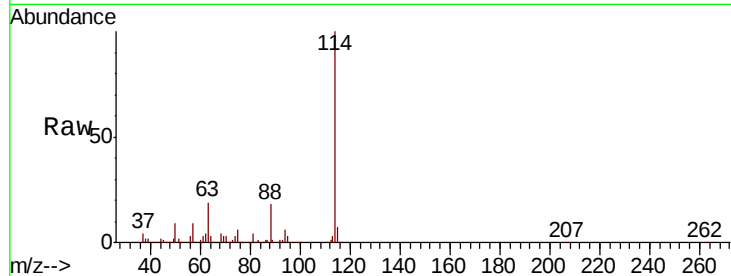
Tot Ion:114 Resp: 402135

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.0

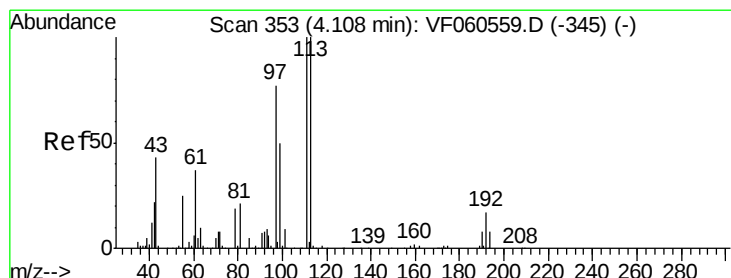
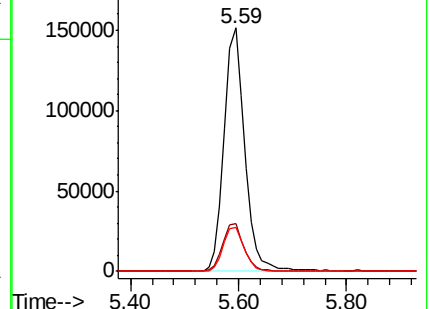
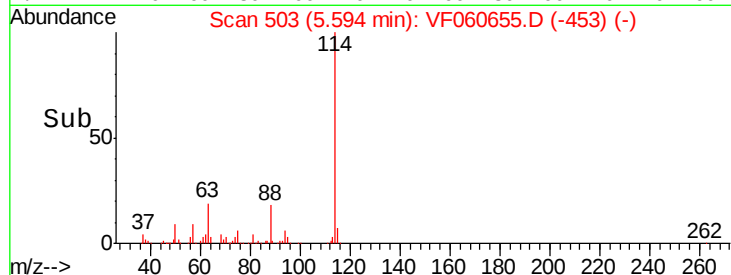
88 18.2 0.0 38.2



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: 42.422 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.00 min

Lab File: VF060655.D

Acq: 8 Nov 2018 17:48

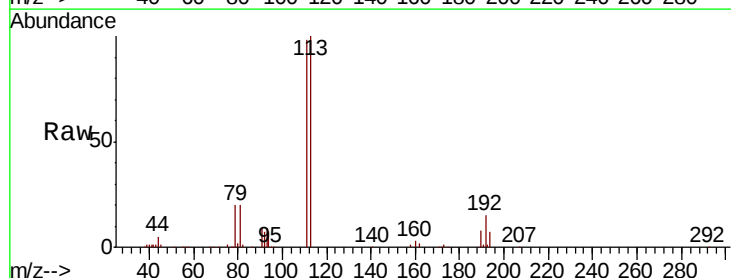
Tgt Ion:113 Resp: 131799

Ion Ratio Lower Upper

113 100

111 98.3 79.9 119.9

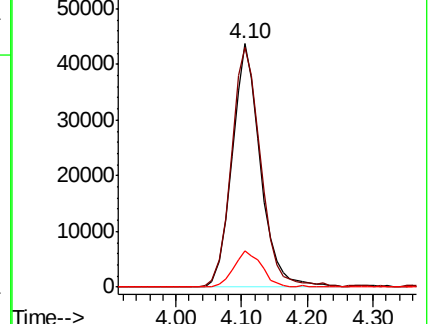
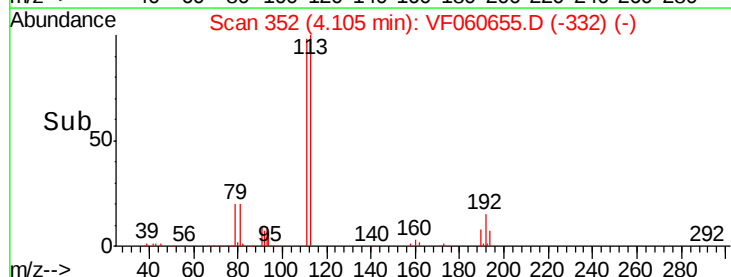
192 15.4 13.3 19.9

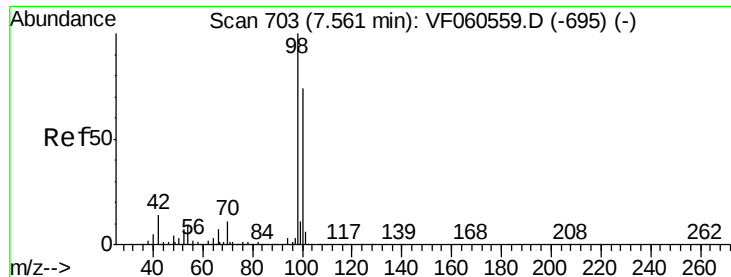


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

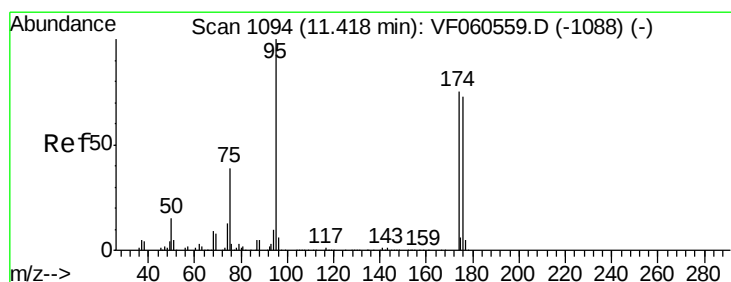
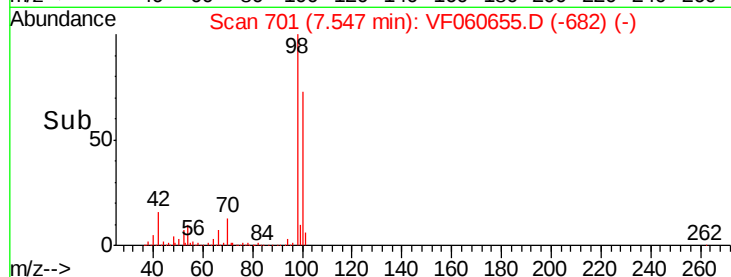
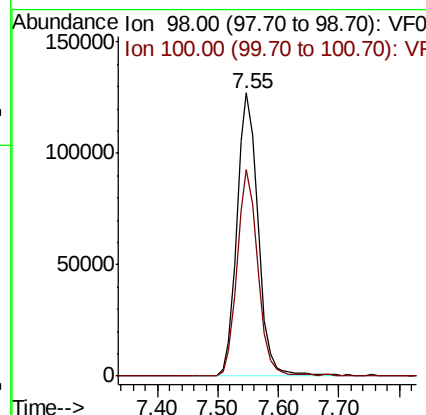
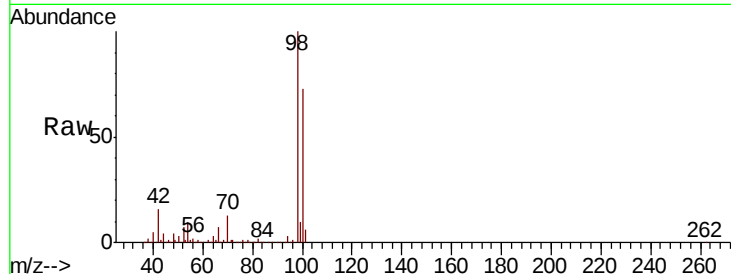




#50
Toluene-d8
Concen: 33.591 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF060655.D
Acq: 8 Nov 2018 17:48

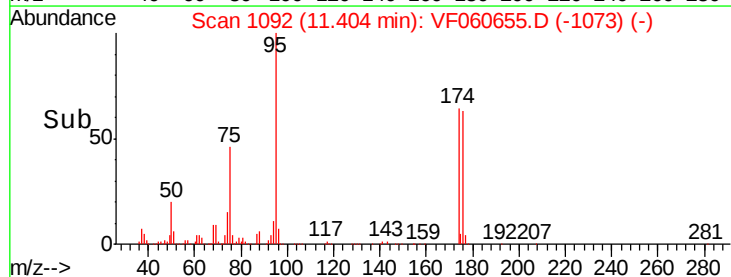
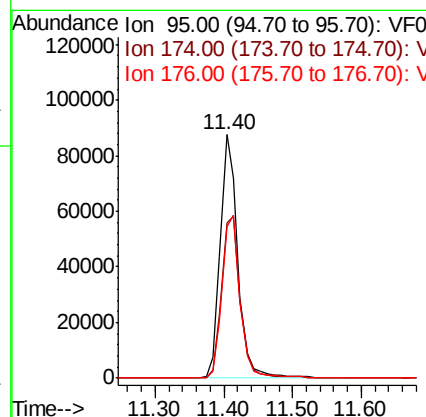
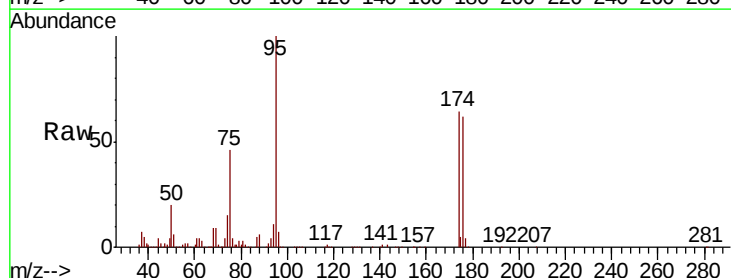
Instrument :
MSVOA_F
ClientSampled :
HC-SOIL-2

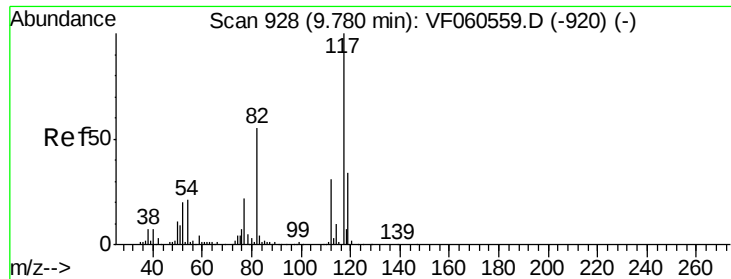
Tot Ion: 98 Resp: 309152
Ion Ratio Lower Upper
98 100
100 73.1 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 38.505 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF060655.D
Acq: 8 Nov 2018 17:48

Tgt Ion: 95 Resp: 155011
Ion Ratio Lower Upper
95 100
174 63.7 0.0 149.0
176 62.5 0.0 145.6

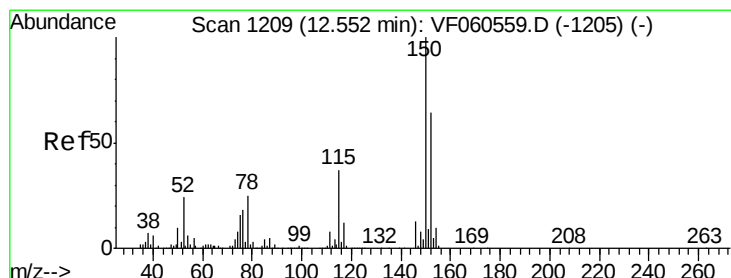
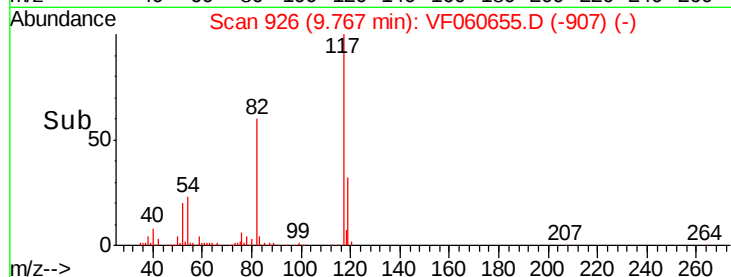
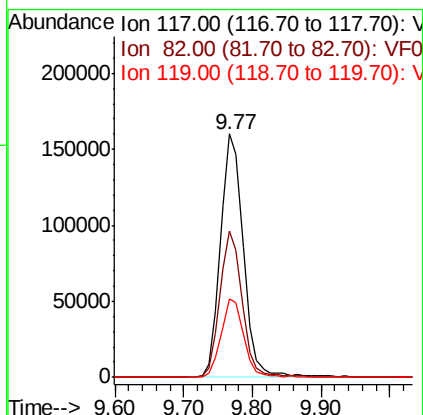
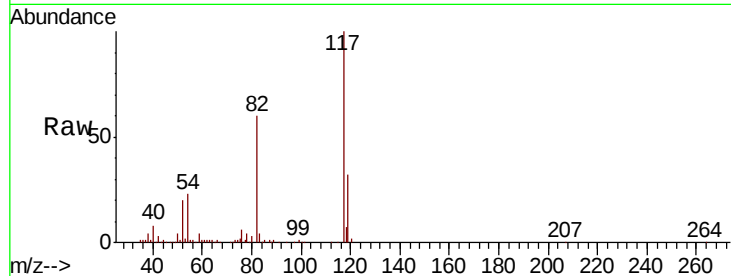




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF060655.D
Acq: 8 Nov 2018 17:48

Instrument :
MSVOA_F
ClientSampleId :
HC-SOIL-2

Tot Ion:117 Resp: 370175
Ion Ratio Lower Upper
117 100
82 60.1 43.9 65.9
119 32.4 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF060655.D
Acq: 8 Nov 2018 17:48

Tgt Ion:152 Resp: 185904
Ion Ratio Lower Upper
152 100
115 58.4 29.6 88.8
150 152.7 0.0 315.6

