

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070518\
 Data File : VF059441.D
 Acq On : 5 Jul 2018 18:31
 Operator : VA/AP
 Sample : J3852-11
 Misc : 6.59g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HC-SOIL-2

Quant Time: Jul 06 08:39:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

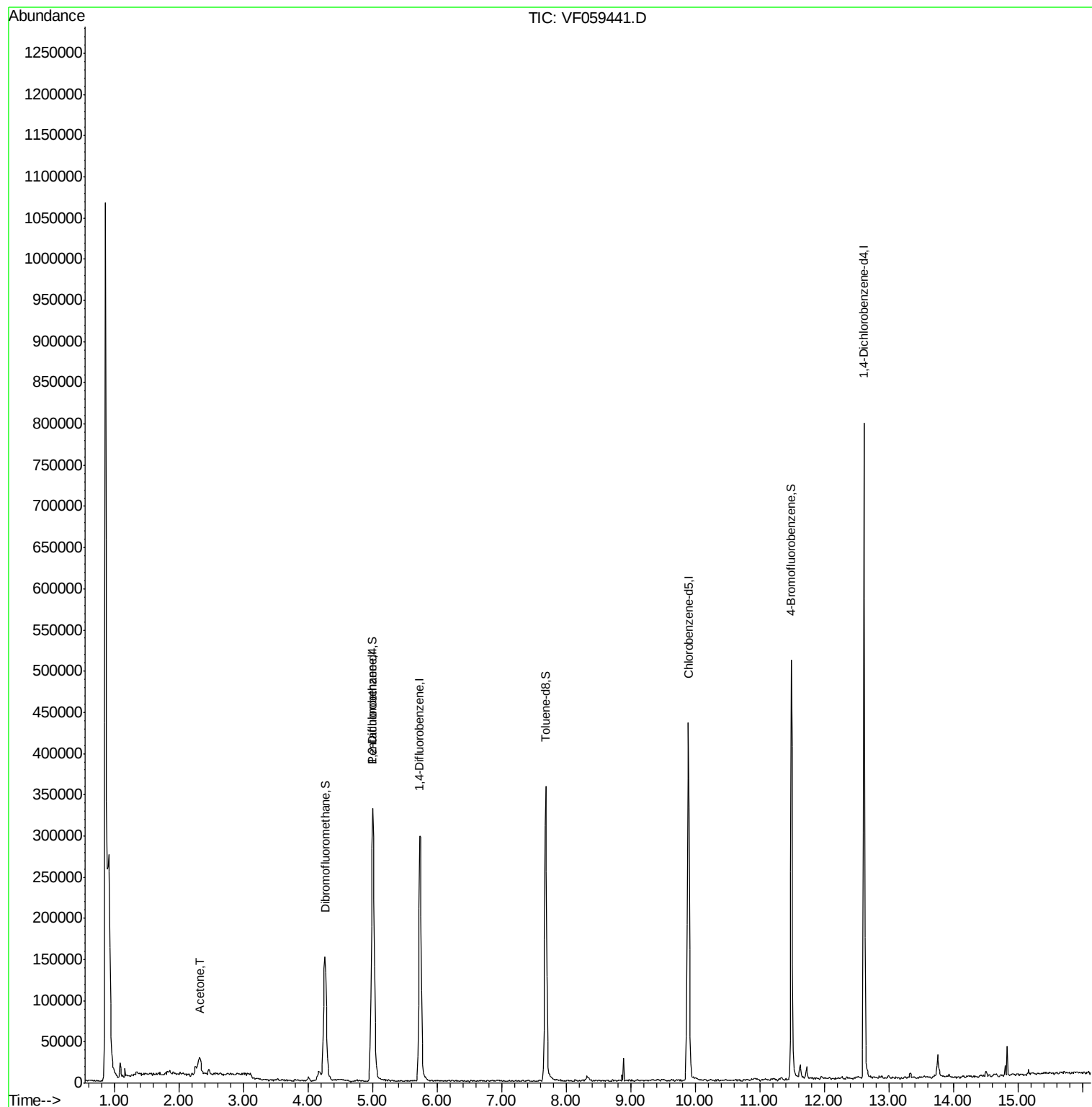
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	196706	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.74	114	298621	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	301350	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	189982	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	162740	64.04	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	128.08%	
35) Dibromofluoromethane	4.26	113	134730	61.75	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	123.50%	
50) Toluene-d8	7.68	98	280058	51.84	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	103.68%	
62) 4-Bromofluorobenzene	11.49	95	172037	56.45	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	112.90%	
Target Compounds						
16) Acetone	2.32	43	31072	40.404	ug/l	Qvalue 97

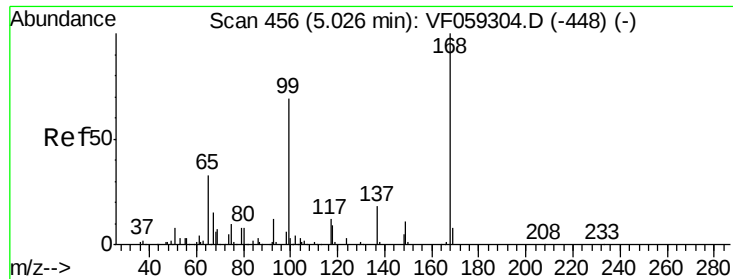
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF059441.D

Acq: 5 Jul 2018 18:31

Instrument :

MSVOA_F

ClientSampleId :

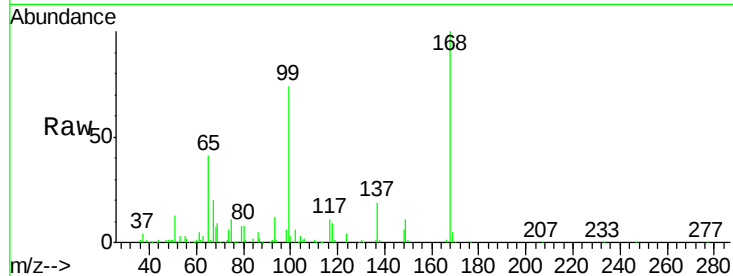
HC-SOIL-2

Tot Ion:168 Resp: 196706

Ion Ratio Lower Upper

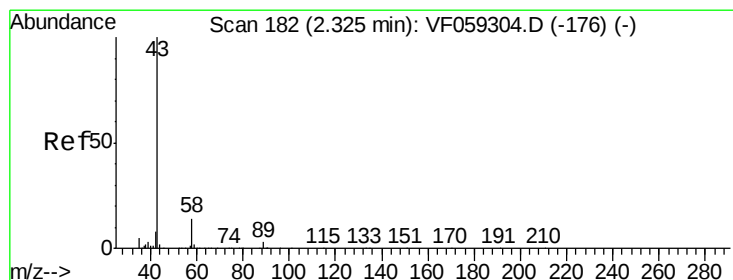
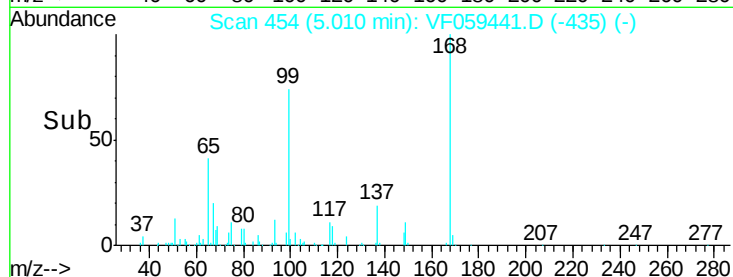
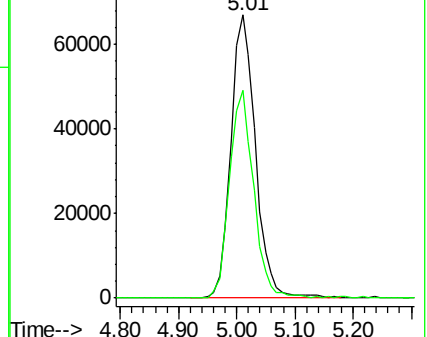
168 100

99 73.5 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 40.404 ug/l

RT: 2.32 min Scan# 181

Delta R.T. -0.01 min

Lab File: VF059441.D

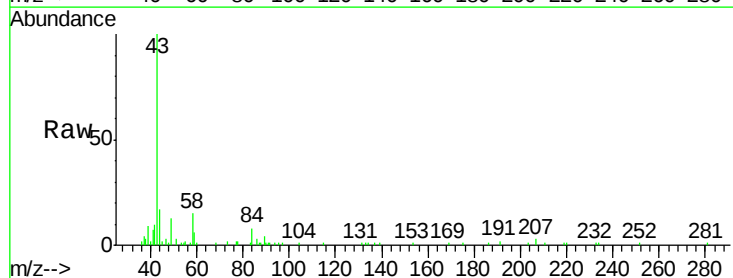
Acq: 5 Jul 2018 18:31

Tgt Ion: 43 Resp: 31072

Ion Ratio Lower Upper

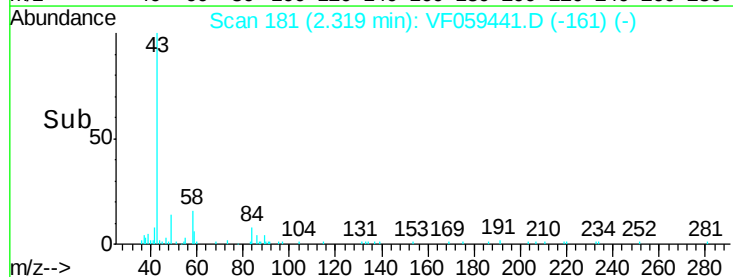
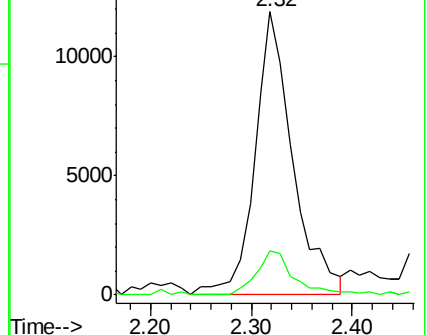
43 100

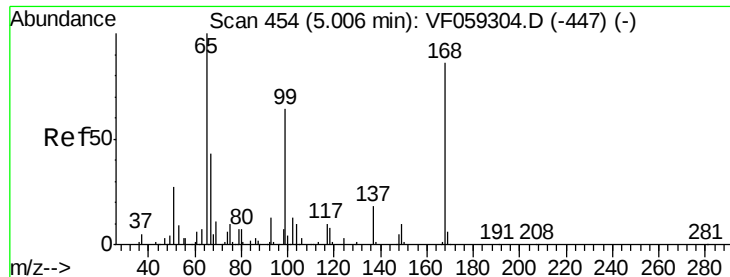
58 15.4 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

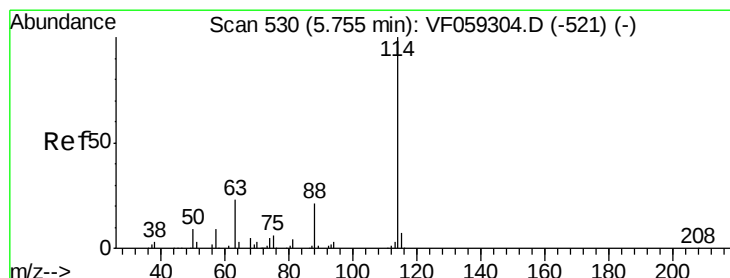
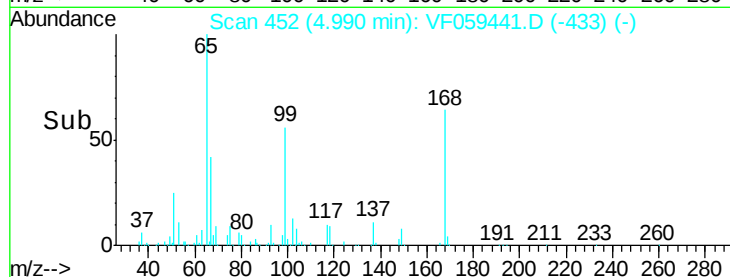
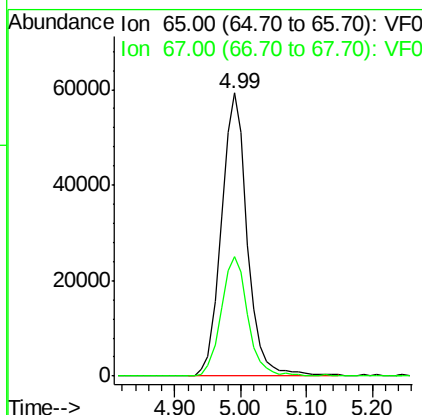
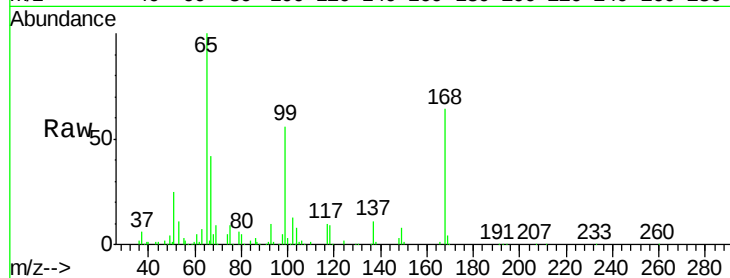




#33
 1,2-Dichloroethane-d4
 Concen: 64.035 ug/l
 RT: 4.99 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: VF059441.D
 Acq: 5 Jul 2018 18:31

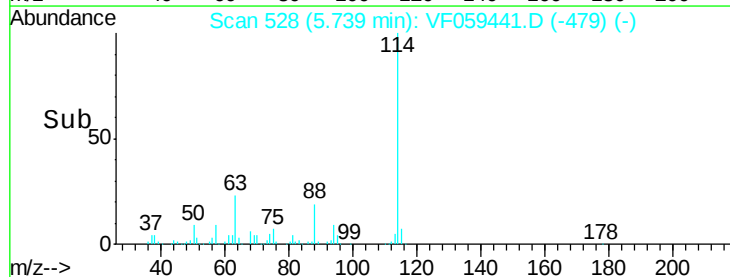
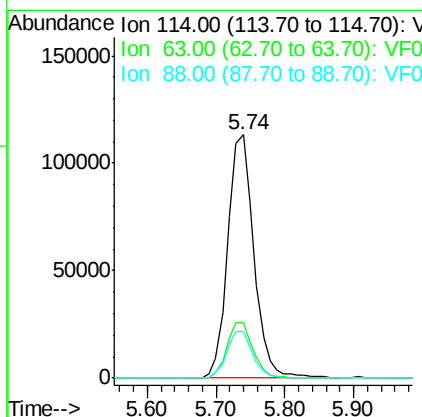
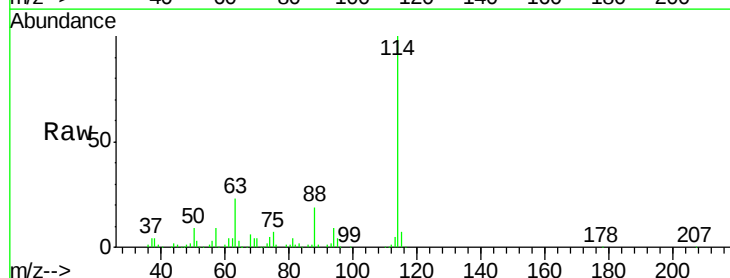
Instrument :
 MSVOA_F
 ClientSampleId :
 HC-SOIL-2

Tot Ion: 65 Resp: 162740
 Ion Ratio Lower Upper
 65 100
 67 42.2 0.0 96.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.74 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: VF059441.D
 Acq: 5 Jul 2018 18:31

Tgt Ion: 114 Resp: 298621
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.8
 88 19.3 0.0 41.2

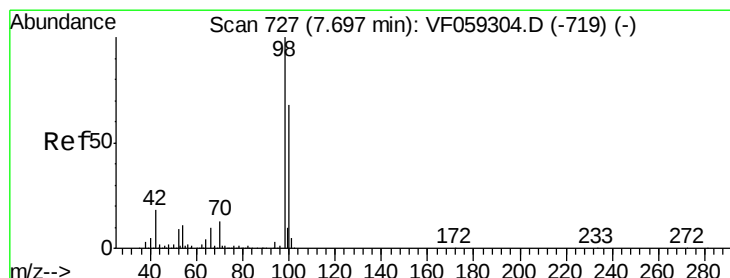
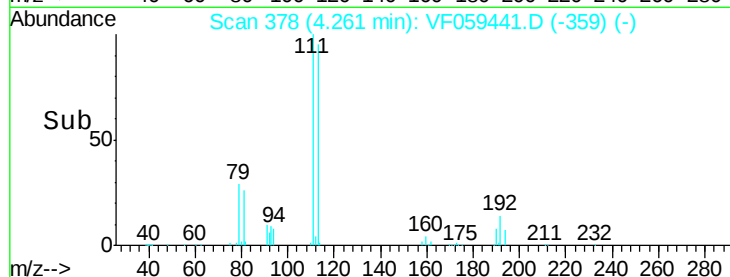
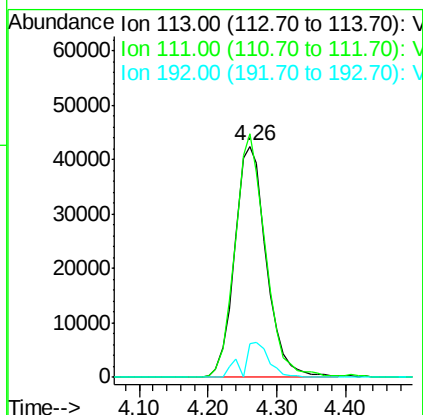
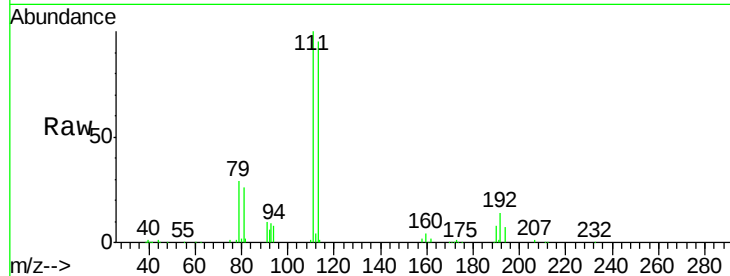




#35
Dibromofluoromethane
Concen: 61.748 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.02 min
Lab File: VF059441.D
Acq: 5 Jul 2018 18:31

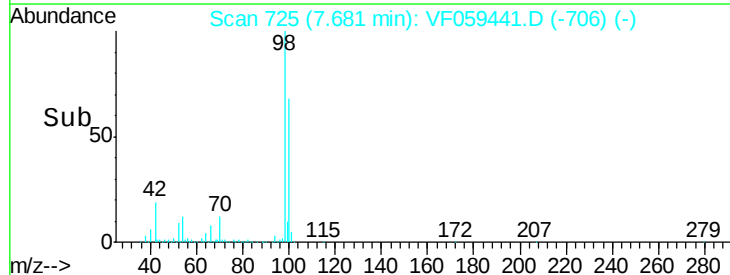
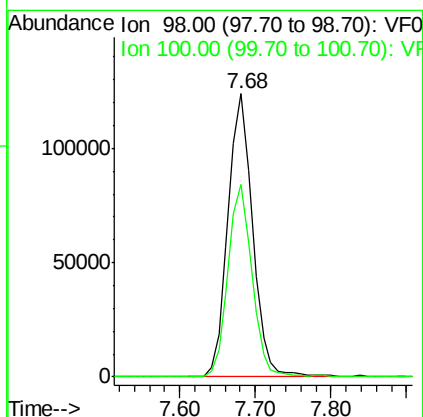
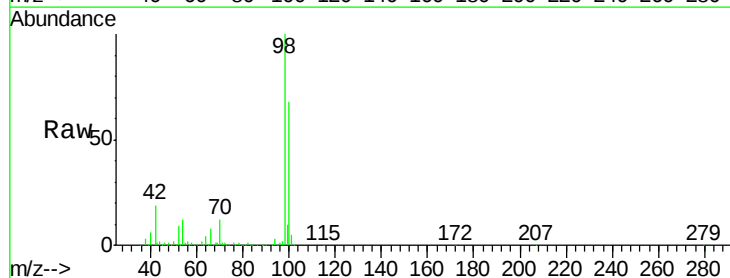
Instrument :
MSVOA_F
ClientSampleId :
HC-SOIL-2

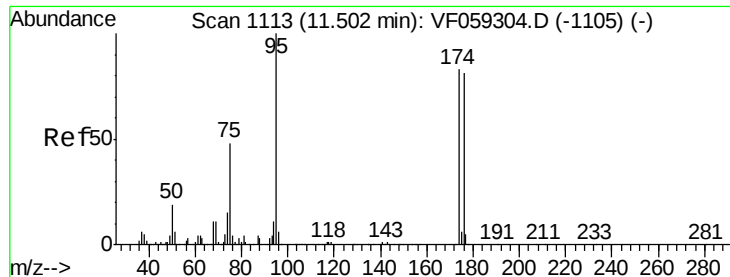
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.1	123.1
192	14.4	13.0	19.6



#50
Toluene-d8
Concen: 51.841 ug/l
RT: 7.68 min Scan# 725
Delta R.T. -0.02 min
Lab File: VF059441.D
Acq: 5 Jul 2018 18:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.9	54.6	82.0

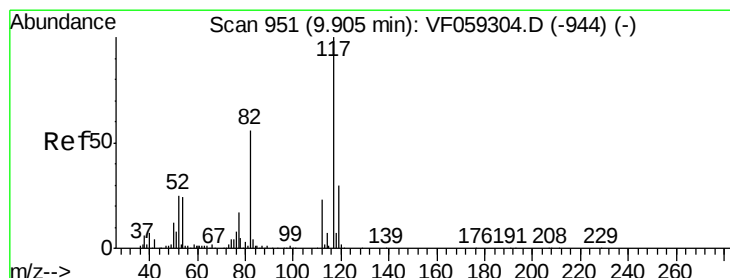
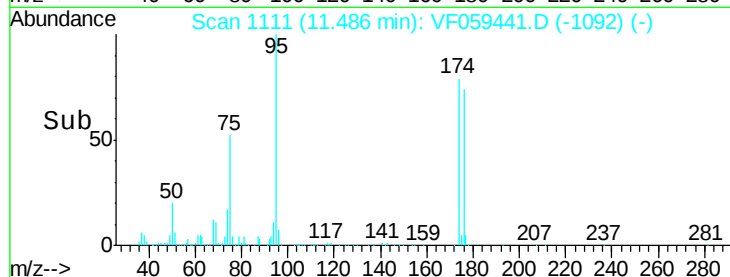
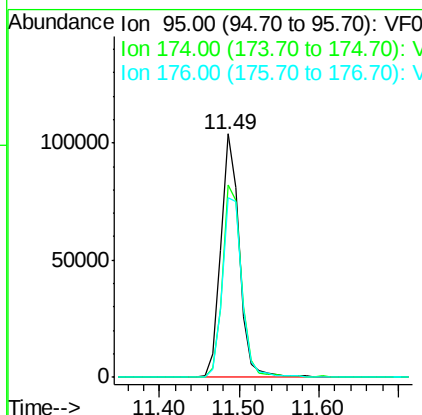
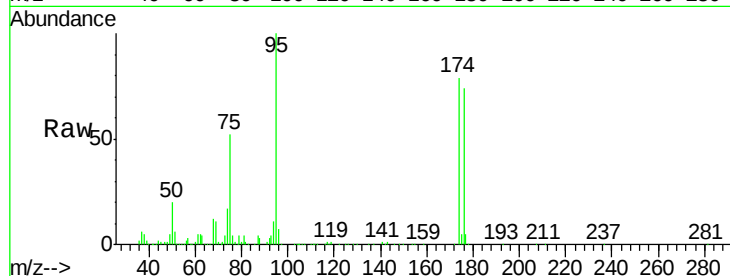




#62
4-Bromofluorobenzene
Concen: 56.455 ug/l
RT: 11.49 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF059441.D
Acq: 5 Jul 2018 18:31

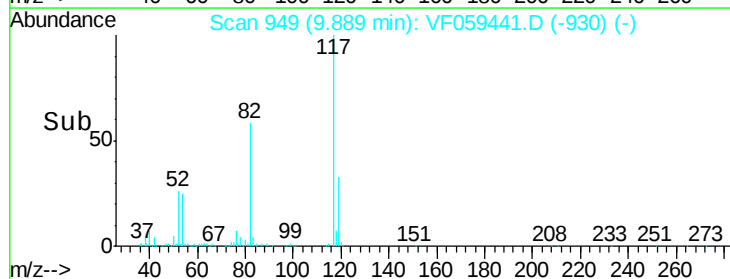
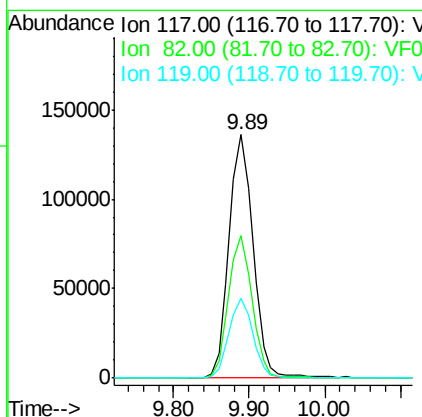
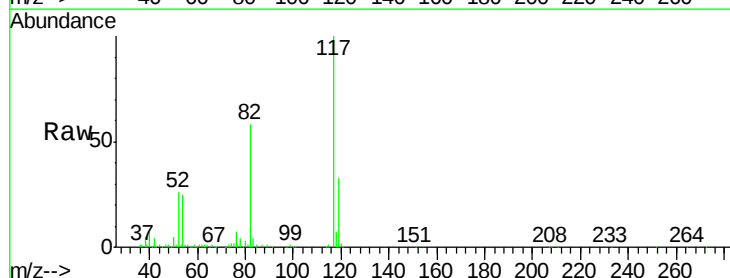
Instrument :
MSVOA_F
ClientSampled :
HC-SOIL-2

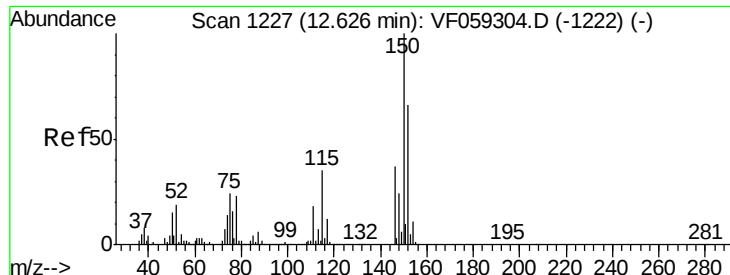
Tot Ion: 95 Resp: 172037
Ion Ratio Lower Upper
95 100
174 79.2 0.0 165.2
176 73.7 0.0 161.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059441.D
Acq: 5 Jul 2018 18:31

Tgt Ion: 117 Resp: 301350
Ion Ratio Lower Upper
117 100
82 58.5 44.6 66.8
119 32.7 24.1 36.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.02 min

Lab File: VF059441.D

Acq: 5 Jul 2018 18:31

Instrument :

MSVOA_F

ClientSampleId :

HC-SOIL-2

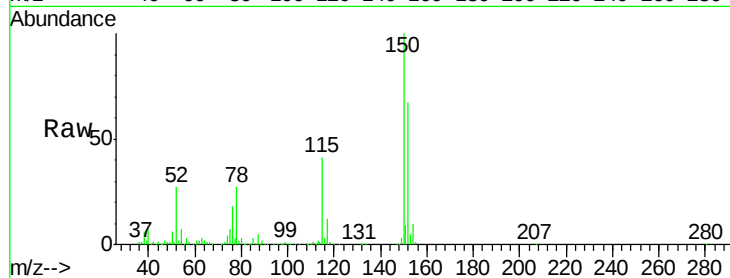
Tot Ion:152 Resp: 189982

Ion Ratio Lower Upper

152 100

115 61.6 27.1 81.3

150 149.9 0.0 305.2



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

