

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059577.D
 Acq On : 20 Jul 2018 1:30
 Operator : VA/AP
 Sample : J4057-13
 Misc : 5.87µ/5mL/MSVOA F/SOIL
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 LS-SOIL-4

Quant Time: Jul 20 07:22:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

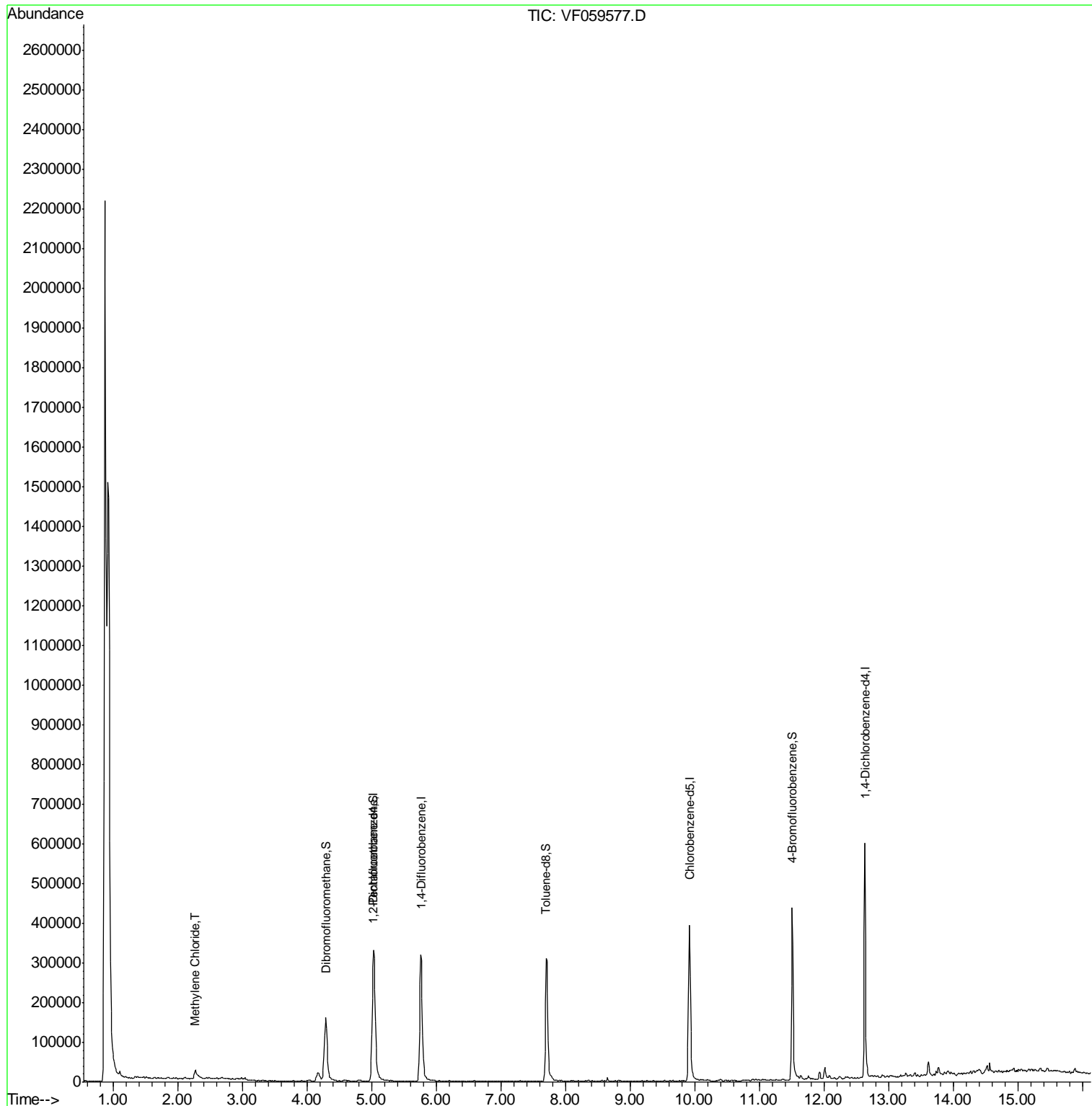
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	233228	50.00	µg/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	349384	50.00	µg/l	-0.02
63) Chlorobenzene-d5	9.92	117	298970	50.00	µg/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	148832	50.00	µg/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	170023	46.87	µg/l	-0.02
Spiked Amount	50.000		Recovery	=	93.74%	
35) Dibromofluoromethane	4.29	113	149629	49.45	µg/l	-0.01
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	7.70	98	274131	35.96	µg/l	-0.02
Spiked Amount	50.000		Recovery	=	71.92%	
62) 4-Bromofluorobenzene	11.51	95	154515	38.64	µg/l	-0.01
Spiked Amount	50.000		Recovery	=	77.28%	
Target Compounds						
20) Methylene Chloride	2.28	84	11759	2.86	µg/l	# 70

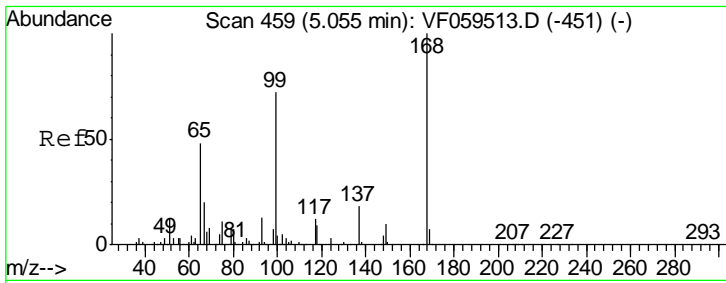
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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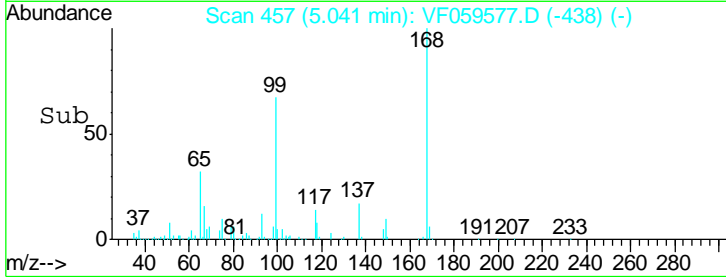
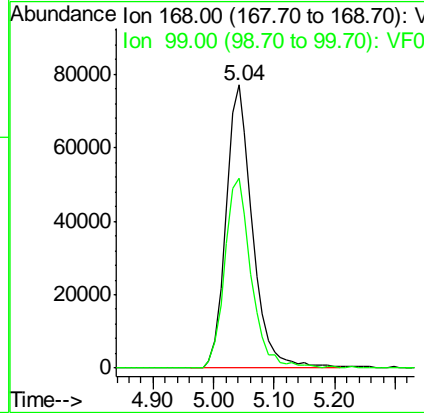
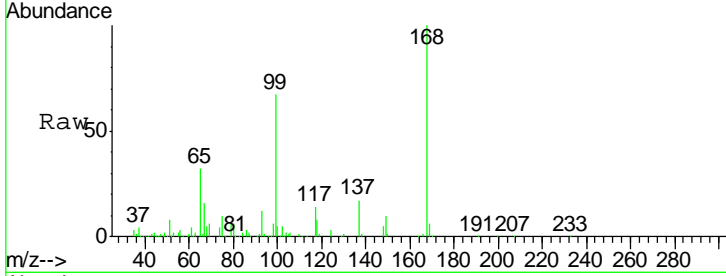




#1
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.04 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: VF059577.D
 Acq: 20 Jul 2018 1:30

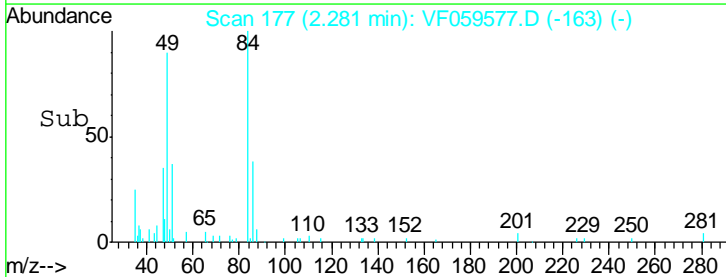
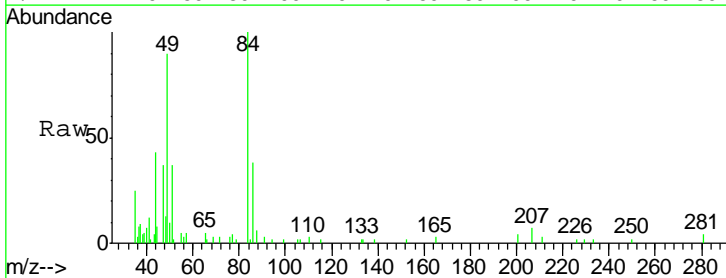
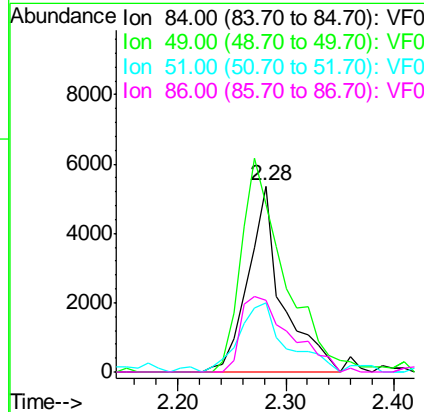
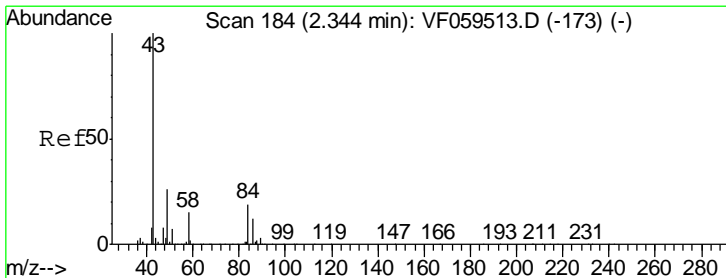
Instrument :
 MSVOA_F
 ClientSampled :
 LS-SOIL-4

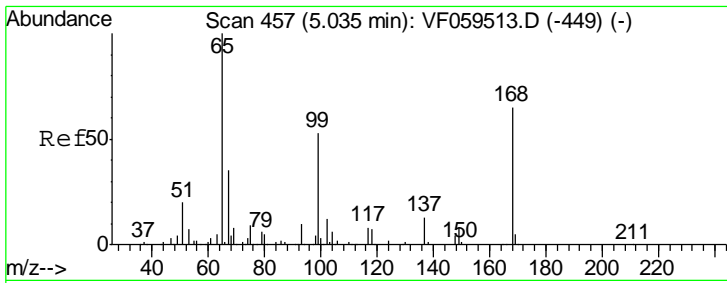
Tgt Ion	Resp	Lower	Upper
168	100		
99	67.1	57.6	86.4



#20
 Methylene Chloride
 Concen: 2.86 ug/l
 RT: 2.28 min Scan# 177
 Delta R.T. -0.06 min
 Lab File: VF059577.D
 Acq: 20 Jul 2018 1:30

Tgt Ion	Resp	Lower	Upper
84	100		
49	89.8	109.4	164.2#
51	37.0	30.5	45.7
86	38.4	47.6	71.4#

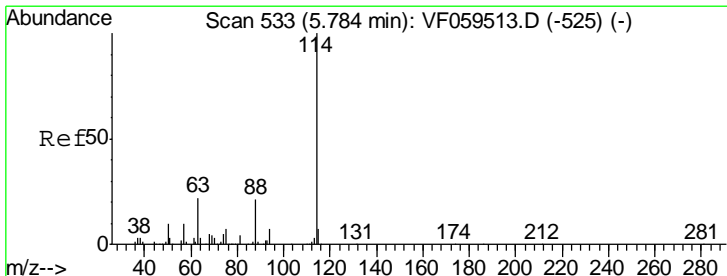
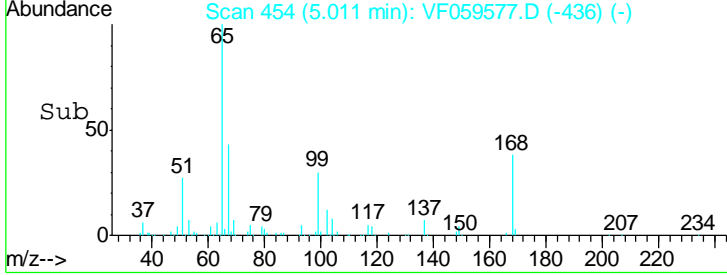
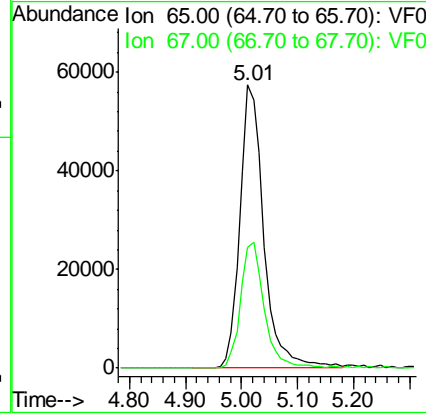
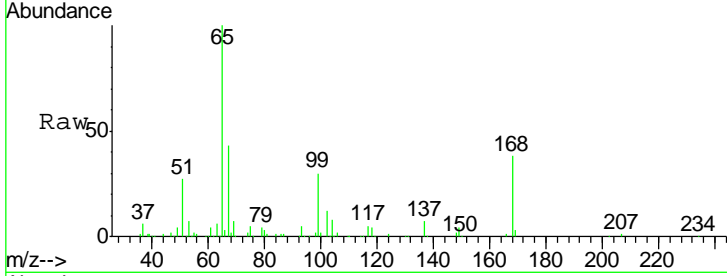




#33
 1,2-Dichloroethane-d4
 Concen: 46.87 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: VF059577.D
 Acq: 20 Jul 2018 1:30

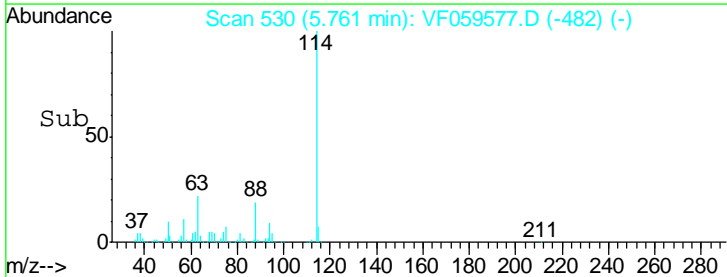
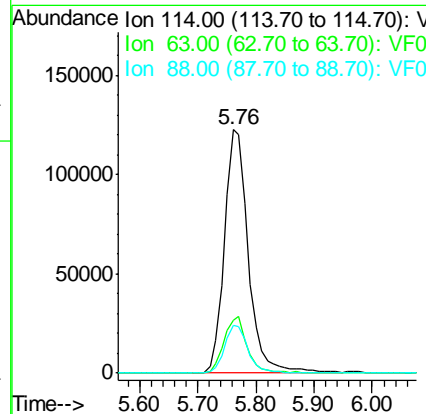
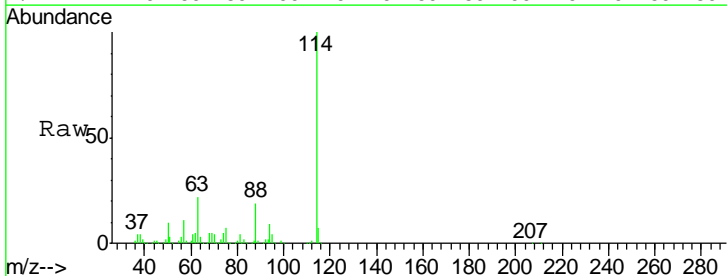
Instrument :
 MSVOA_F
 ClientSampled :
 LS-SOIL-4

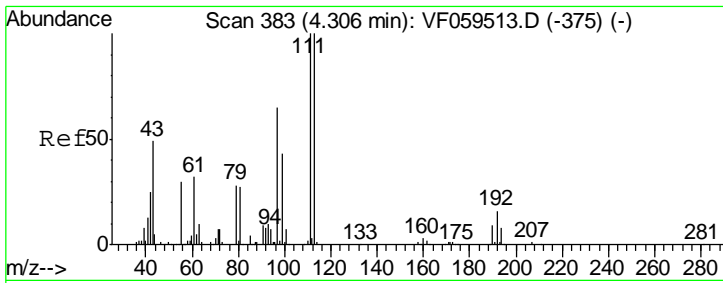
Tgt Ion	Resp	Lower	Upper
65	170023		
67	42.8	0.0	91.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VF059577.D
 Acq: 20 Jul 2018 1:30

Tgt Ion	Resp	Lower	Upper
114	349384		
63	22.0	0.0	44.8
88	19.4	0.0	42.6

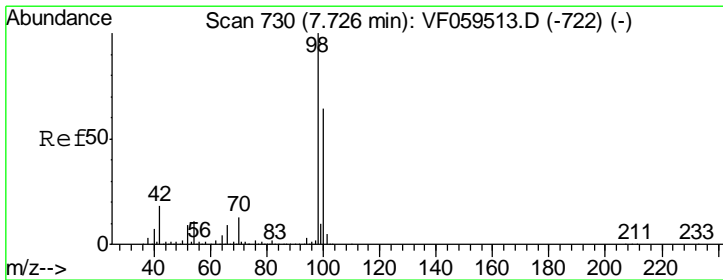
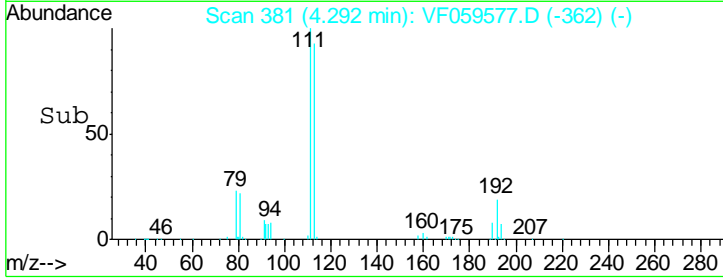
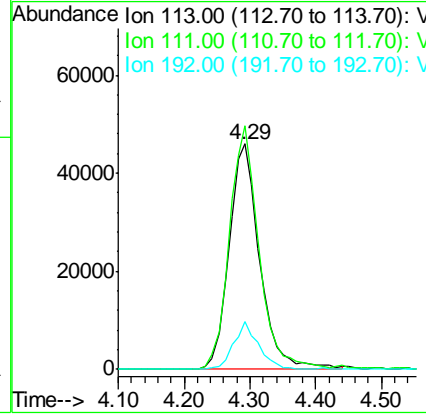
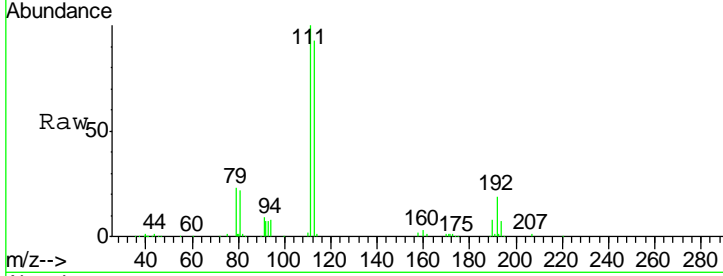




#35
 Dibromofluoromethane
 Concen: 49.45 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VF059577.D
 Acq: 20 Jul 2018 1:30

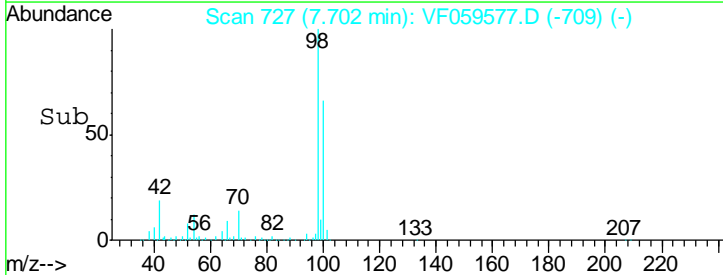
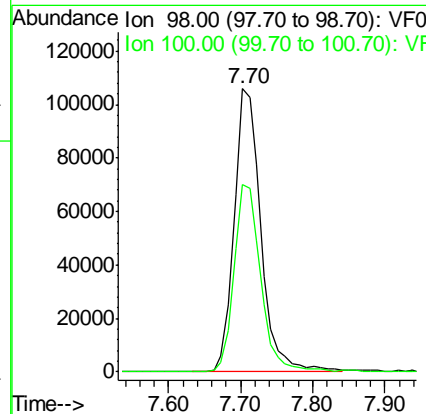
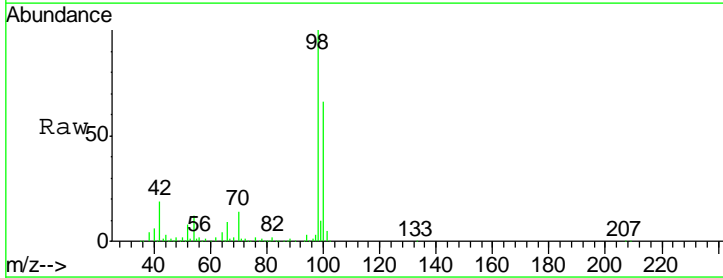
Instrument :
 MSVOA_F
 ClientSampled :
 LS-SOIL-4

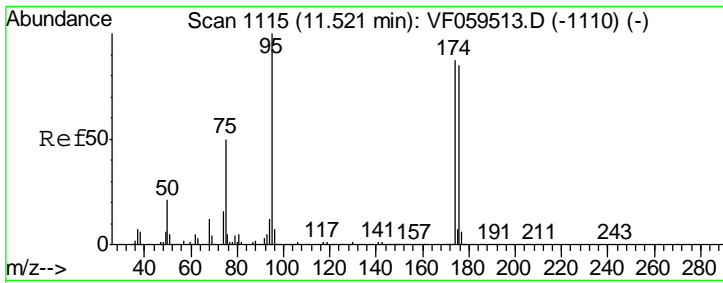
Tgt Ion	Resp	Lower	Upper
113	149629		
111	108.0	80.3	120.5
192	21.1	13.1	19.7#



#50
 Toluene-d8
 Concen: 35.96 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: VF059577.D
 Acq: 20 Jul 2018 1:30

Tgt Ion	Resp	Lower	Upper
98	274131		
100	66.1	50.9	76.3

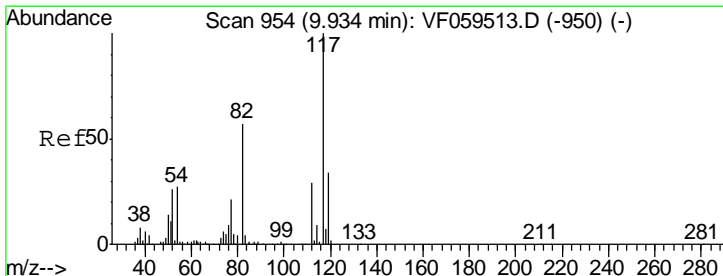
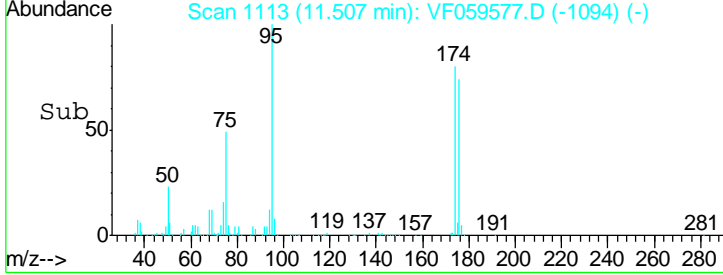
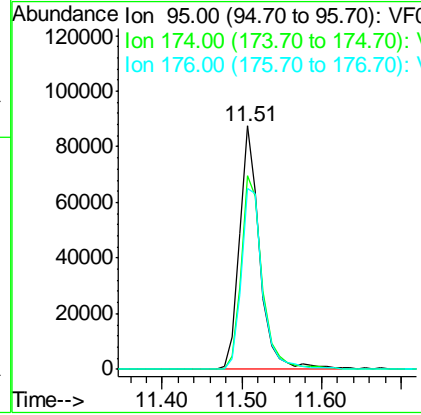
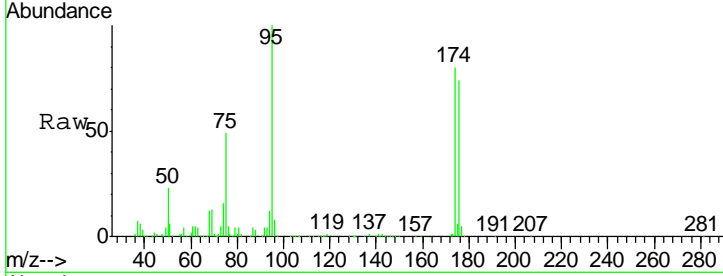




#62
 4-Bromofluorobenzene
 Concen: 38.64 ug/l
 RT: 11.51 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: VF059577.D
 Acq: 20 Jul 2018 1:30

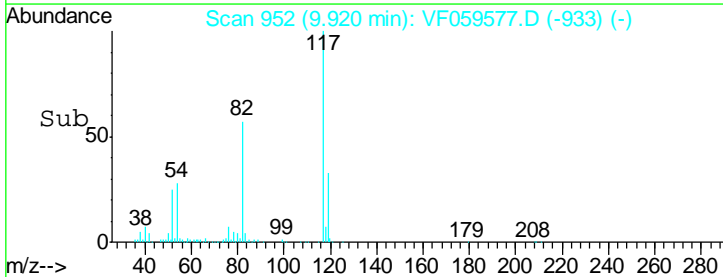
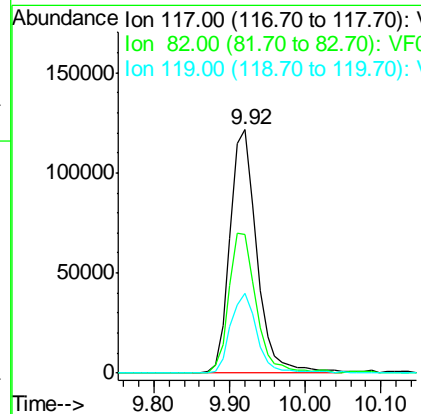
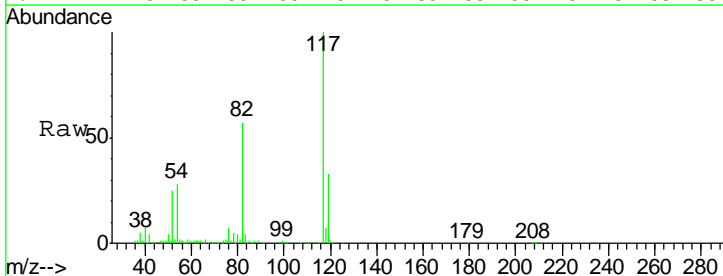
Instrument : MSVOA_F
 ClientSampled : LS-SOIL-4

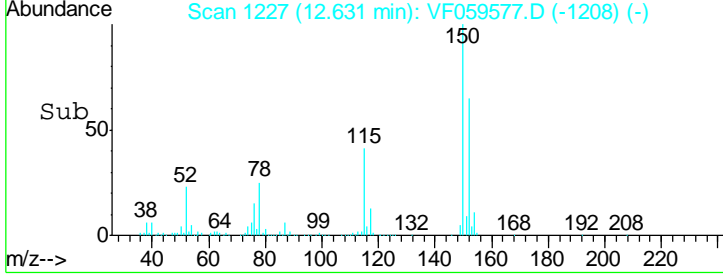
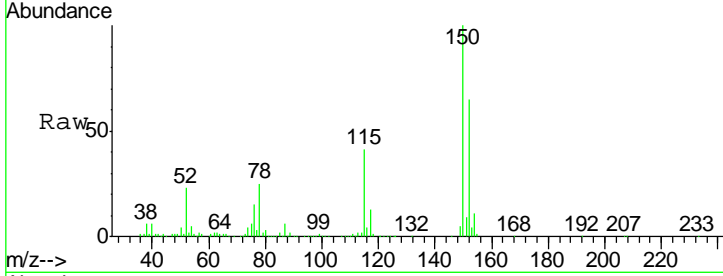
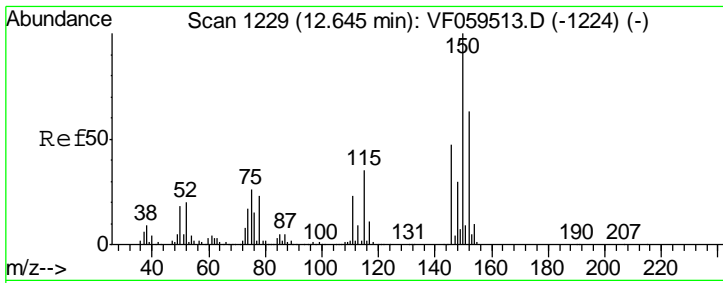
Tgt Ion	Resp	Lower	Upper
95	154515		
174	79.5	0.0	174.4
176	74.3	0.0	169.4



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 9.92 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: VF059577.D
 Acq: 20 Jul 2018 1:30

Tgt Ion	Resp	Lower	Upper
117	298970		
82	57.2	46.1	69.1
119	32.5	27.2	40.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.63 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VF059577.D
 Acq: 20 Jul 2018 1:30

Instrument : MSVOA_F
 ClientSampled : LS-SOIL-4

Tot Ion:152 Resp: 148832

Ion	Ratio	Lower	Upper
152	100		
115	62.5	27.8	83.3
150	153.5	0.0	318.4

