

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072318\
 Data File : VF059622.D
 Acq On : 23 Jul 2018 19:04
 Operator : VA/AP
 Sample : J4099-02
 Misc : 6.45g/5mL/MSVOA F/SOIL
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 GL-TOPSOIL-02

Quant Time: Jul 24 08:29:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 04:17:55 2018
 Response via : Initial Calibration

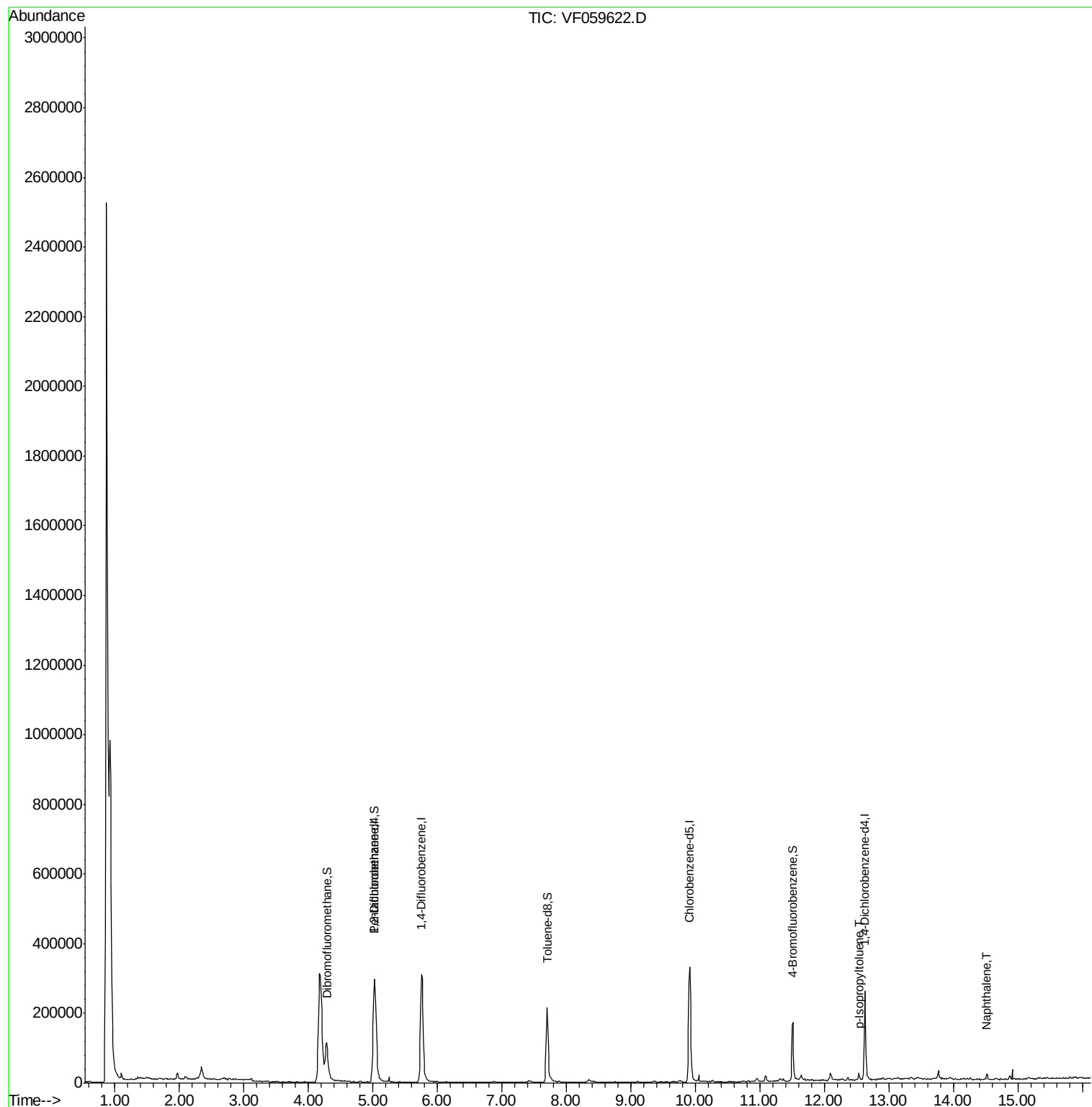
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	228717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	333007	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	223147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	65223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	107365	29.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.66%	
35) Dibromofluoromethane	4.29	113	90441	29.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.88%	
50) Toluene-d8	7.71	98	184408	23.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.94%	
62) 4-Bromofluorobenzene	11.50	95	61708	13.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	27.80%	
Target Compounds						
86) p-Isopropyltoluene	12.54	119	10150	2.43	ug/l	Qvalue 89
95) Naphthalene	14.52	128	5216	2.24	ug/l #	95

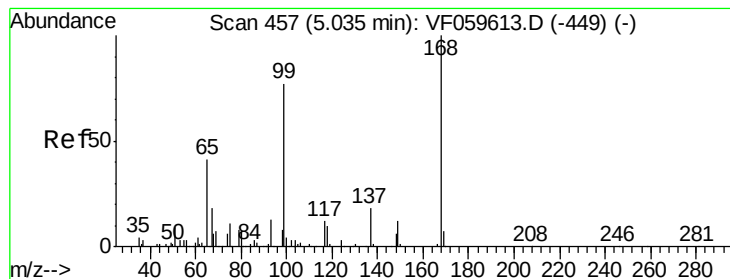
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF072318\
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Quant Title : SW846 8260
QLast Update : Tue Jul 24 04:17:55 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF059622.D

Acq: 23 Jul 2018 19:04

Instrument :

MSVOA_F

ClientSampleId :

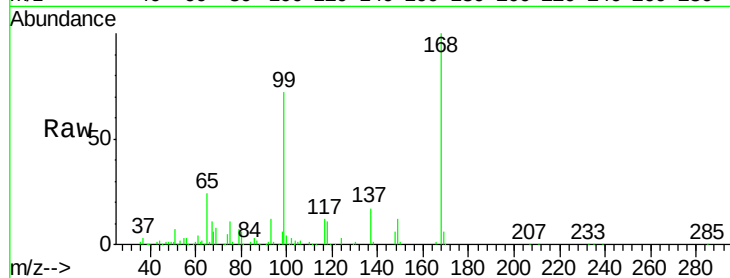
GL-TOPSOIL-02

Tot Ion:168 Resp: 228717

Ion Ratio Lower Upper

168 100

99 72.4 61.5 92.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

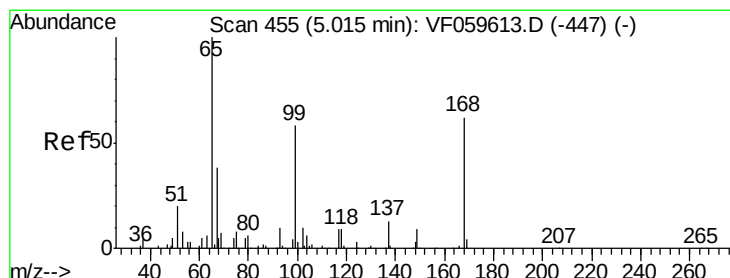
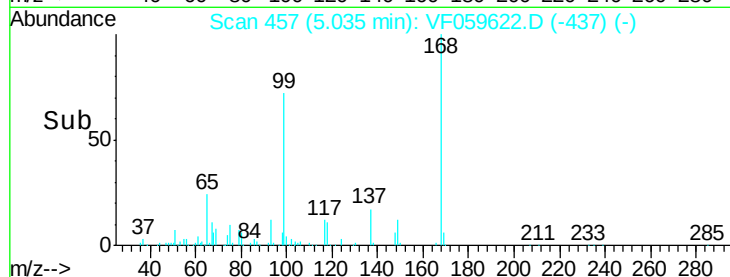
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 29.83 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059622.D

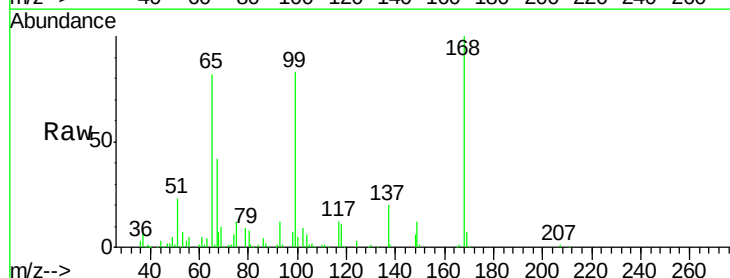
Acq: 23 Jul 2018 19:04

Tgt Ion: 65 Resp: 107365

Ion Ratio Lower Upper

65 100

67 50.6 0.0 83.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

40000

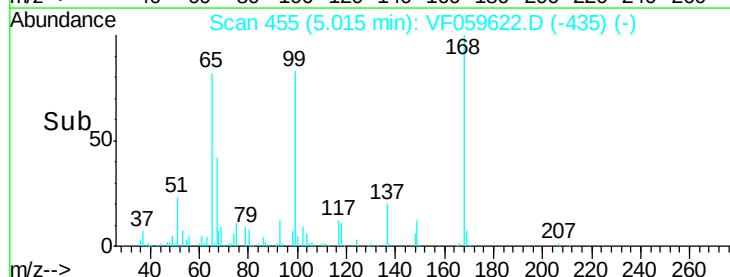
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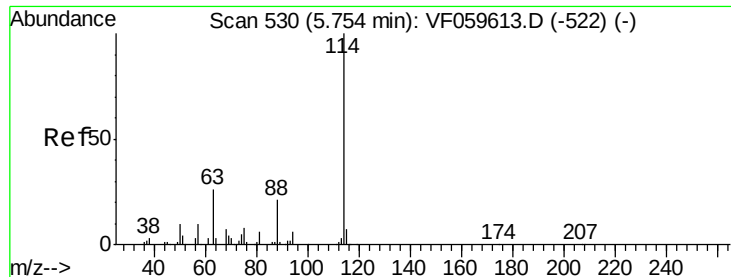
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Time-->

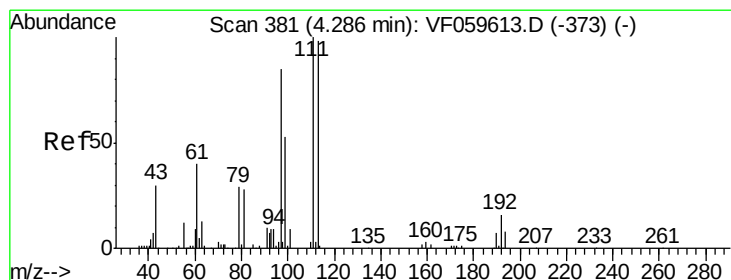
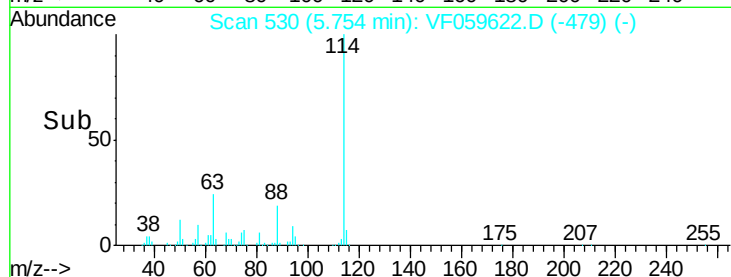
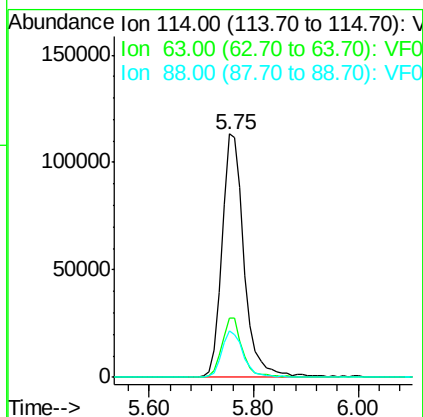
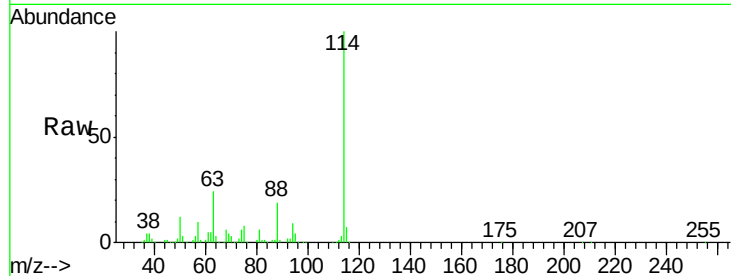




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VF059622.D
 Acq: 23 Jul 2018 19:04

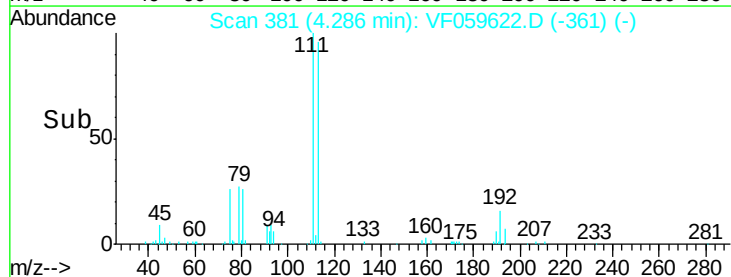
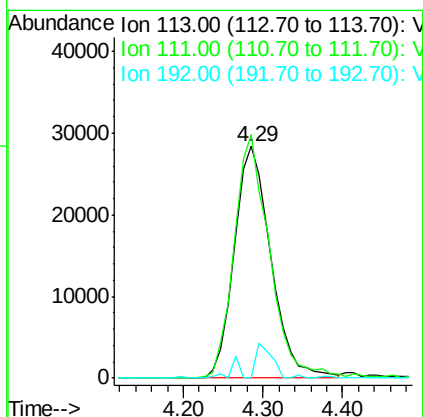
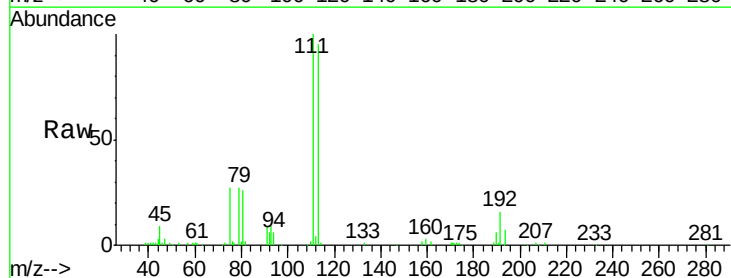
Instrument :
 MSVOA_F
 ClientSampleId :
 GL-TOPSOIL-02

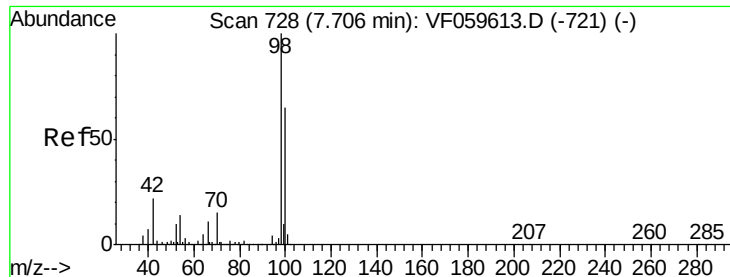
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	51.8
88	19.0	0.0	42.8



#35
 Dibromofluoromethane
 Concen: 29.44 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VF059622.D
 Acq: 23 Jul 2018 19:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.5	122.3
192	0.0	13.4	20.2#

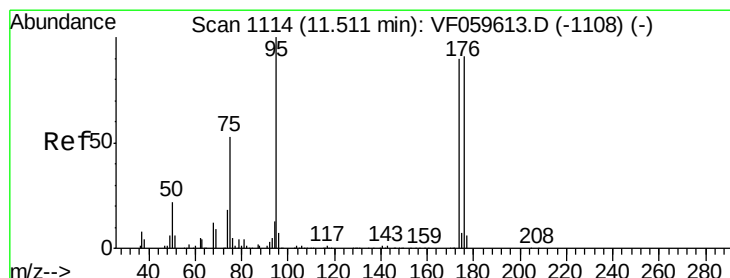
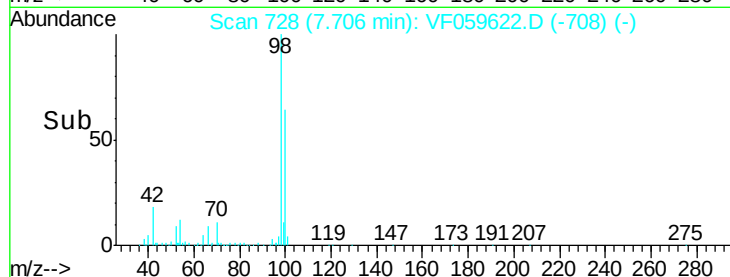
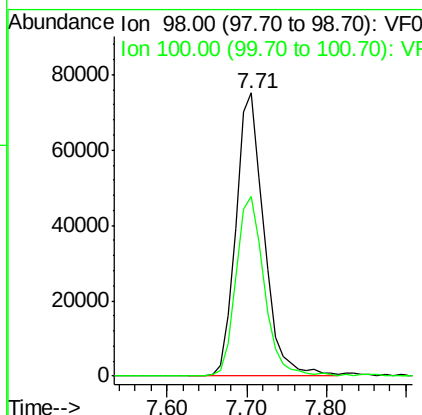
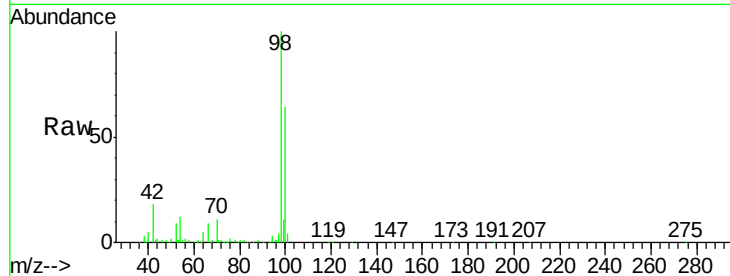




#50
Toluene-d8
Concen: 23.97 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059622.D
Acq: 23 Jul 2018 19:04

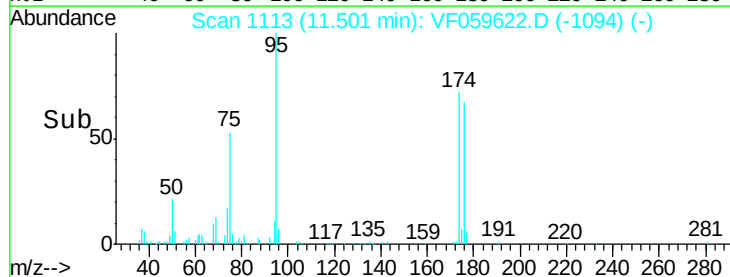
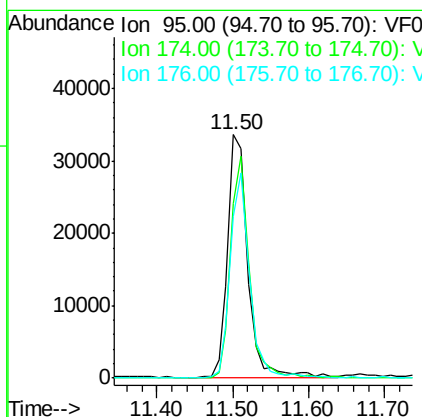
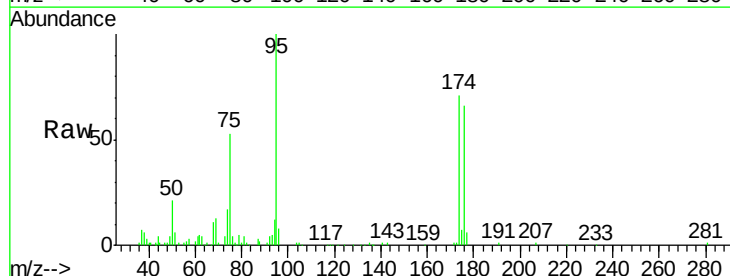
Instrument :
MSVOA_F
ClientSampleId :
GL-TOPSOIL-02

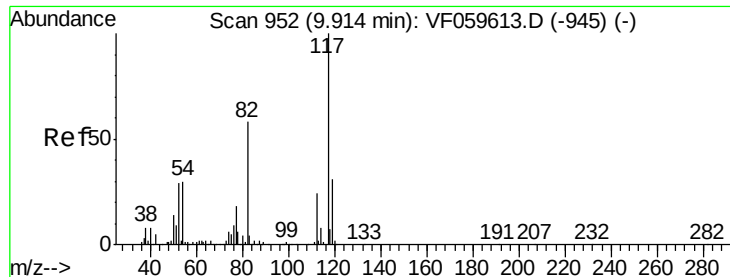
Tot Ion: 98 Resp: 184408
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 13.90 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059622.D
Acq: 23 Jul 2018 19:04

Tgt Ion: 95 Resp: 61708
Ion Ratio Lower Upper
95 100
174 71.5 0.0 180.6
176 66.5 0.0 182.4

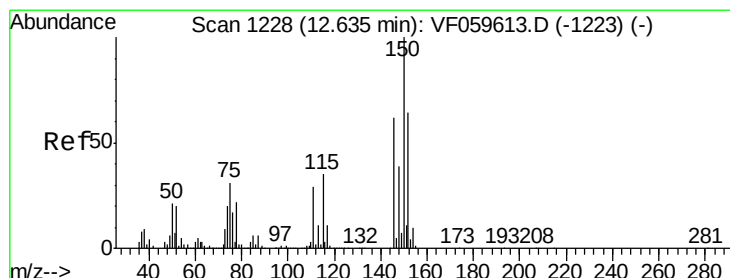
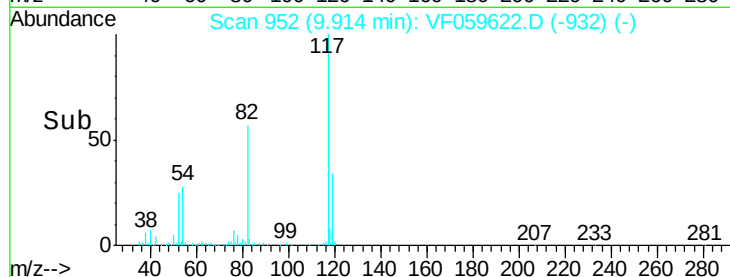
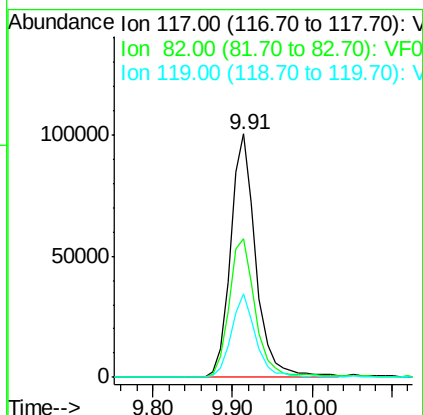
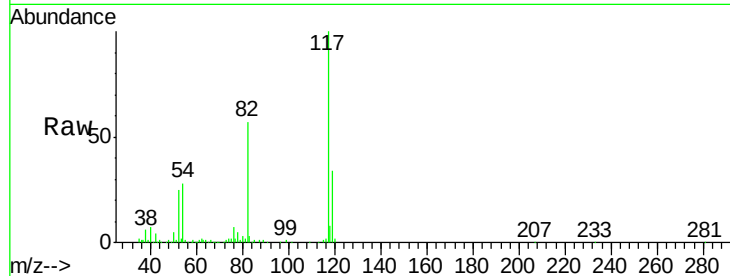




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059622.D
Acq: 23 Jul 2018 19:04

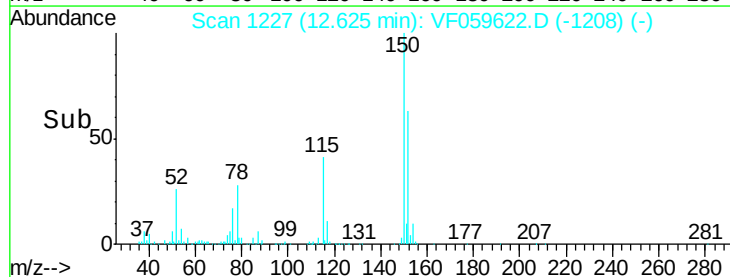
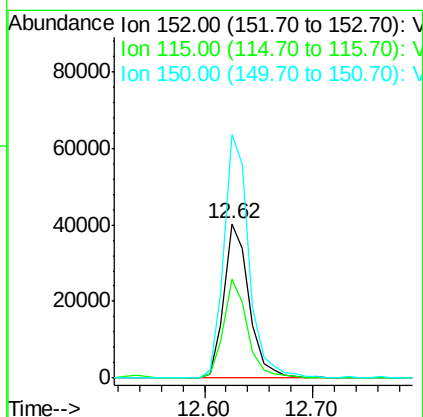
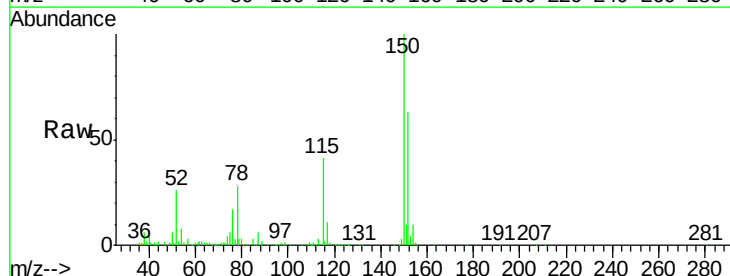
Instrument :
MSVOA_F
ClientSampleId :
GL-TOPSOIL-02

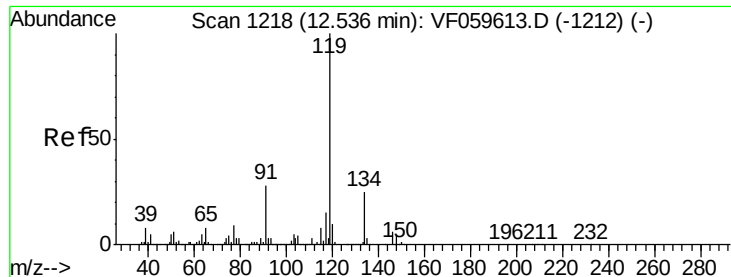
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	46.5	69.7
119	34.1	24.4	36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059622.D
Acq: 23 Jul 2018 19:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	27.8	83.4
150	157.8	0.0	314.6

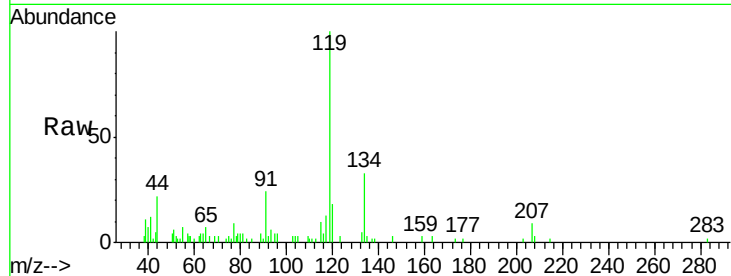




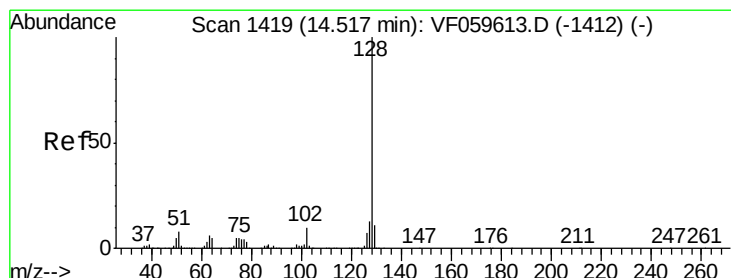
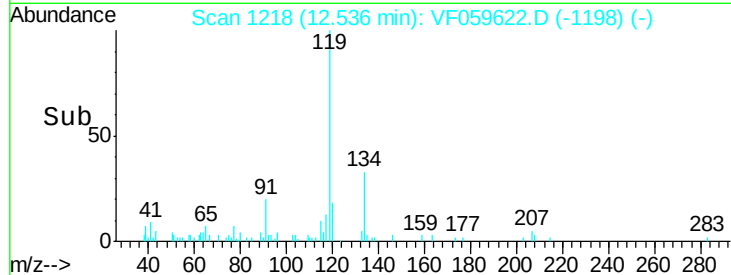
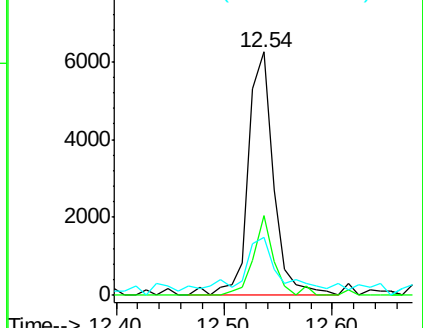
#86
 p-Isopropyltoluene
 Concen: 2.43 ug/l
 RT: 12.54 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: VF059622.D
 Acq: 23 Jul 2018 19:04

Instrument :
 MSVOA_F
 ClientSampleId :
 GL-TOPSOIL-02

Tot Ion	Ratio	Lower	Upper
119	100		
134	32.6	12.4	37.2
91	23.7	13.9	41.7

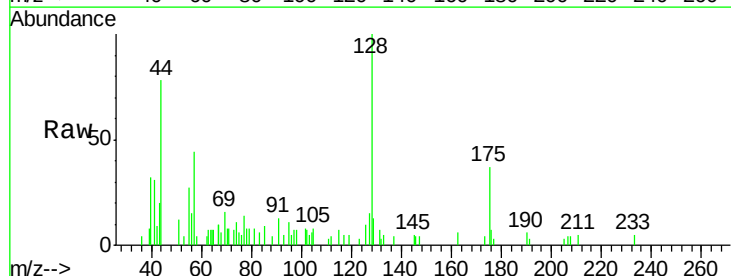


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V



#95
 Naphthalene
 Concen: 2.24 ug/l
 RT: 14.52 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: VF059622.D
 Acq: 23 Jul 2018 19:04

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.2	15.2#
129	12.6	9.1	13.7



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

