

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072318\
 Data File : VF059623.D
 Acq On : 23 Jul 2018 19:32
 Operator : VA/AP
 Sample : J4099-03
 Misc : 4.96g/5mL/MSVOA F/SOIL
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 GL-TOPSOIL-03

Quant Time: Jul 24 08:30:53 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

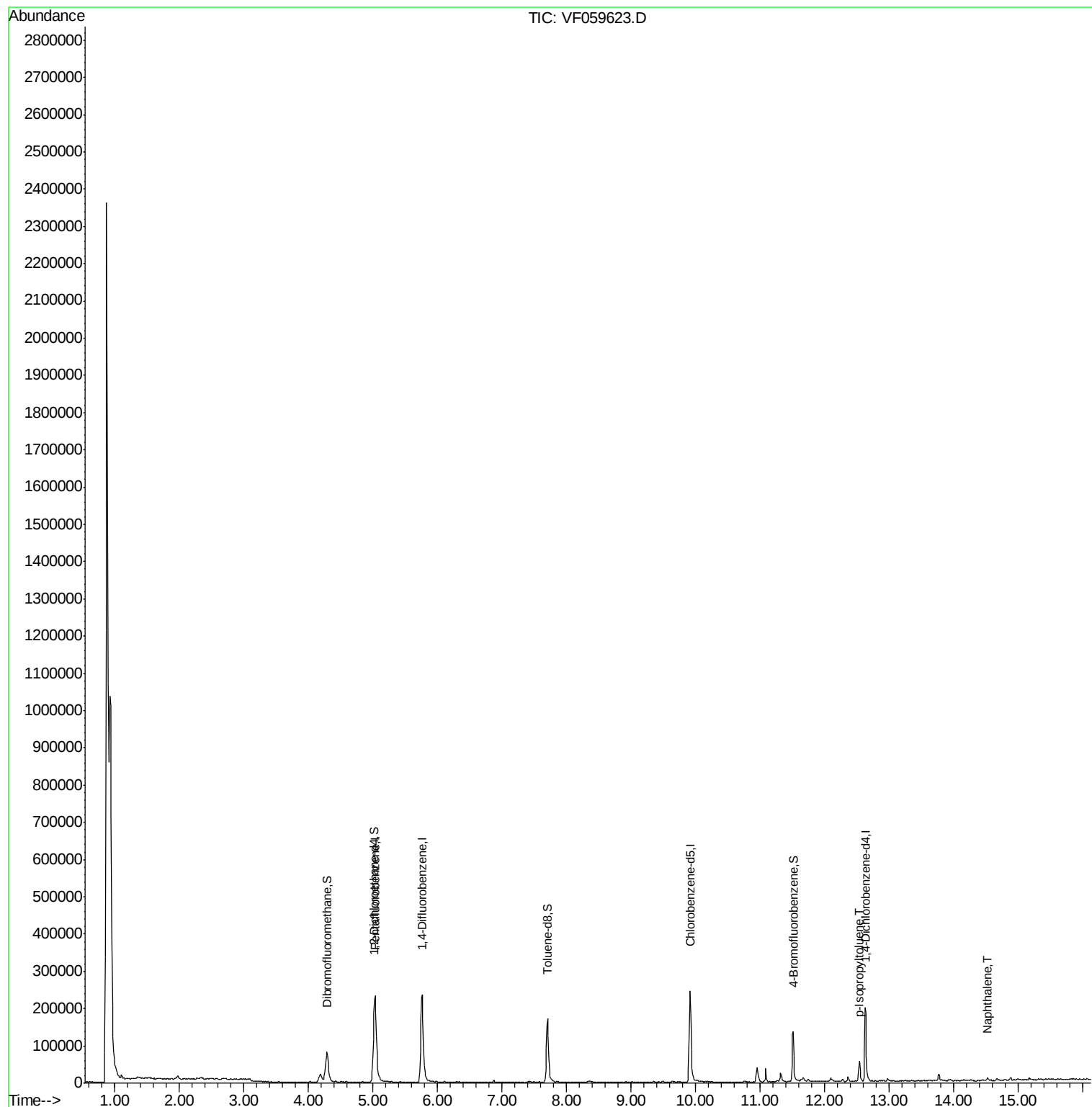
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	177130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	245881	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	174256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	53422	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	81521	29.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.50%	
35) Dibromofluoromethane	4.28	113	72123	31.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.58%	
50) Toluene-d8	7.70	98	144596	25.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.92%	
62) 4-Bromofluorobenzene	11.51	95	50512	15.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	30.82%	
Target Compounds						
86) p-Isopropyltoluene	12.53	119	26927	7.88	ug/l	95
95) Naphthalene	14.52	128	3284	1.72	ug/l	95

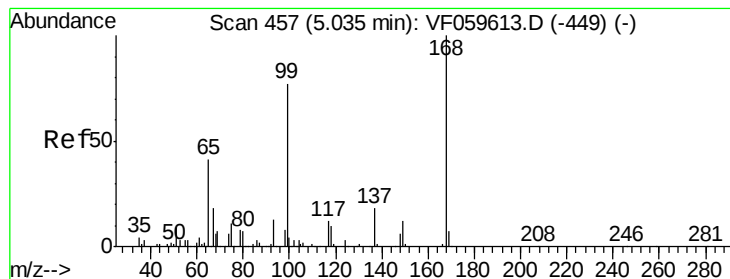
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF059623.D

Acq: 23 Jul 2018 19:32

Instrument :

MSVOA_F

ClientSampleId :

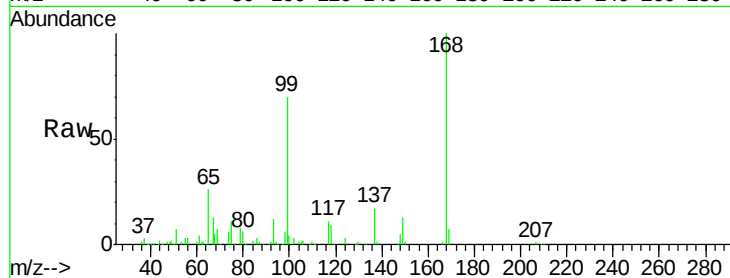
GL-TOPSOIL-03

Tot Ion:168 Resp: 177130

Ion Ratio Lower Upper

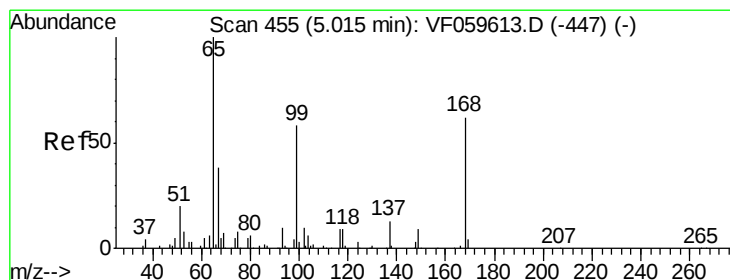
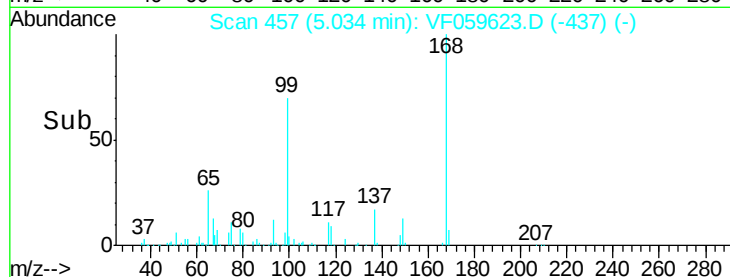
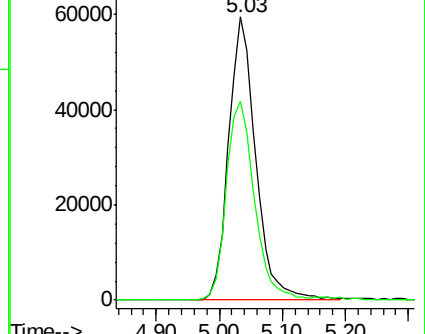
168 100

99 70.3 61.5 92.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 29.25 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.00 min

Lab File: VF059623.D

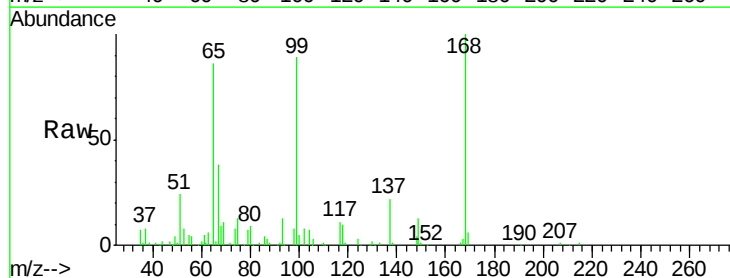
Acq: 23 Jul 2018 19:32

Tgt Ion: 65 Resp: 81521

Ion Ratio Lower Upper

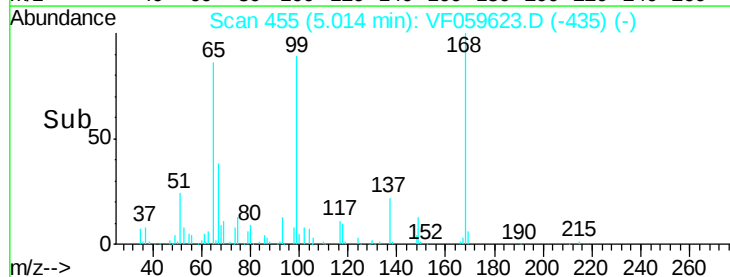
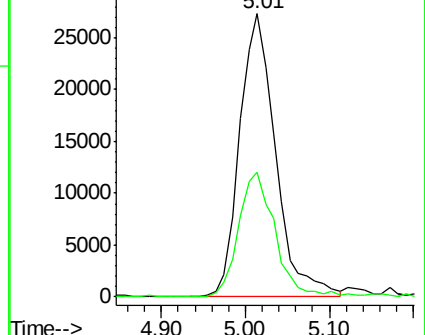
65 100

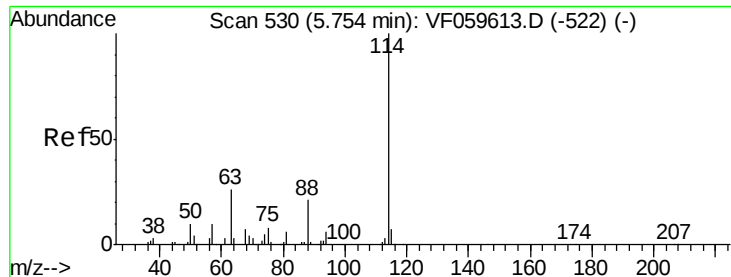
67 44.1 0.0 83.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.01 min

Lab File: VF059623.D

Acq: 23 Jul 2018 19:32

Instrument :

MSVOA_F

ClientSampleId :

GL-TOPSOIL-03

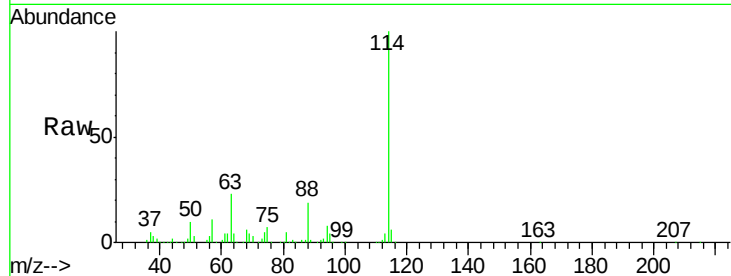
Tot Ion:114 Resp: 245881

Ion Ratio Lower Upper

114 100

63 22.5 0.0 51.8

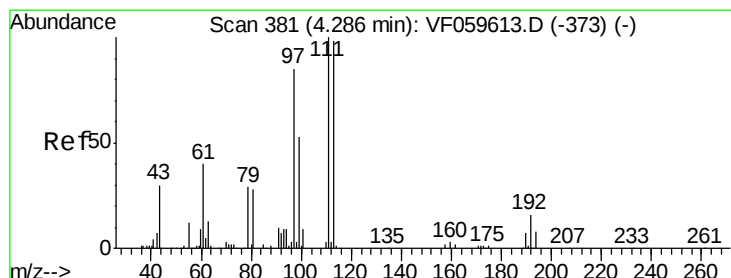
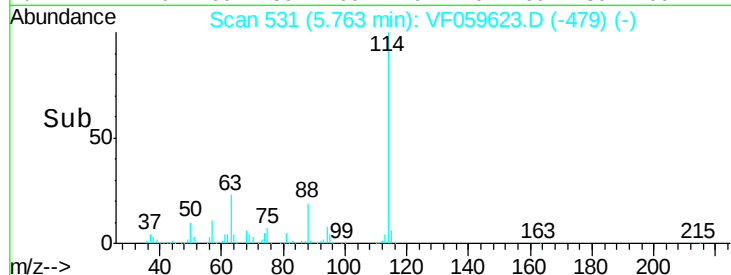
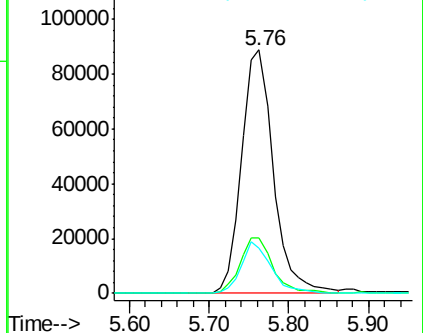
88 18.8 0.0 42.8



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: 31.79 ug/l

RT: 4.28 min Scan# 381

Delta R.T. -0.00 min

Lab File: VF059623.D

Acq: 23 Jul 2018 19:32

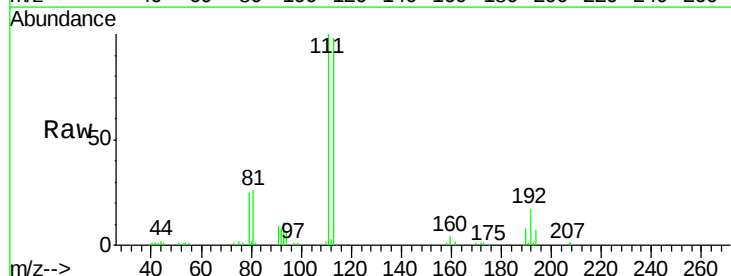
Tgt Ion:113 Resp: 72123

Ion Ratio Lower Upper

113 100

111 105.7 81.5 122.3

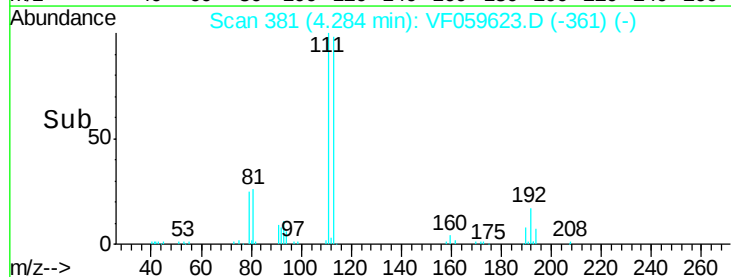
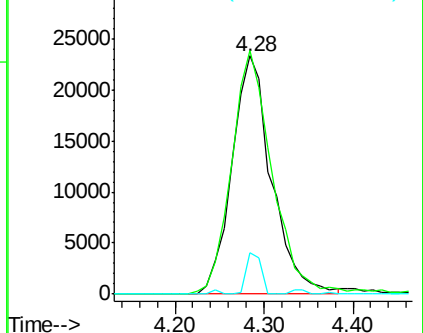
192 17.6 13.4 20.2

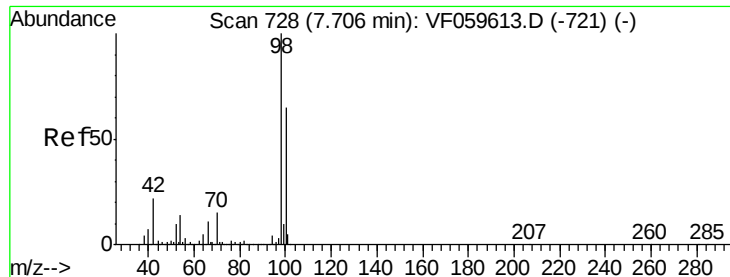


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 25.46 ug/l

RT: 7.70 min Scan# 728

Delta R.T. -0.00 min

Lab File: VF059623.D

Acq: 23 Jul 2018 19:32

Instrument :

MSVOA_F

ClientSampleId :

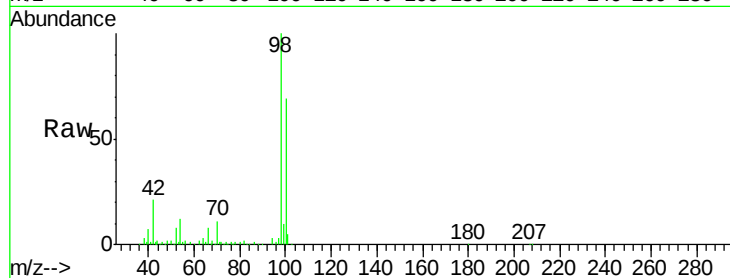
GL-TOPSOIL-03

Tot Ion: 98 Resp: 144596

Ion Ratio Lower Upper

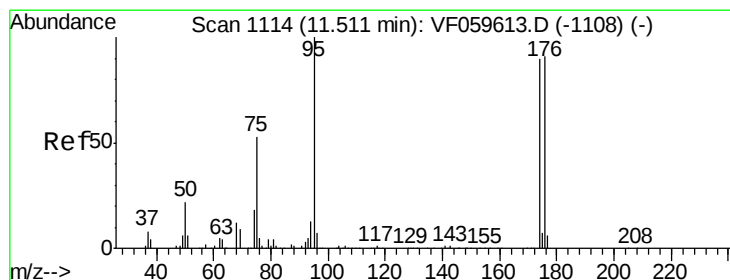
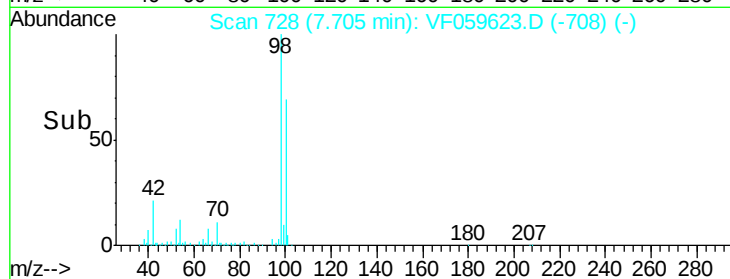
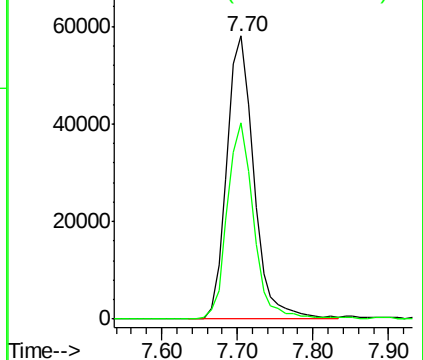
98 100

100 69.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 15.41 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VF059623.D

Acq: 23 Jul 2018 19:32

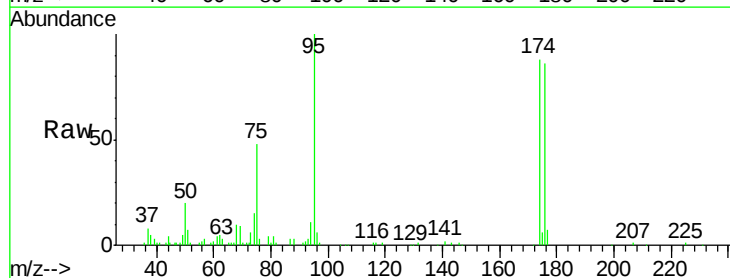
Tgt Ion: 95 Resp: 50512

Ion Ratio Lower Upper

95 100

174 87.8 0.0 180.6

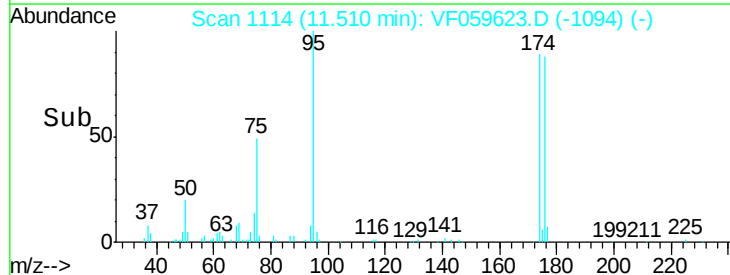
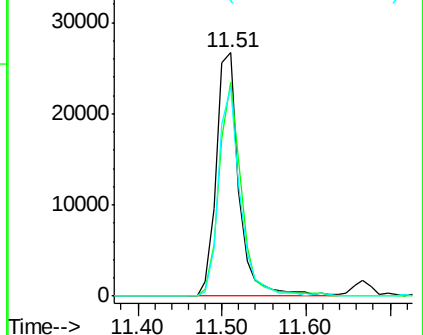
176 86.1 0.0 182.4

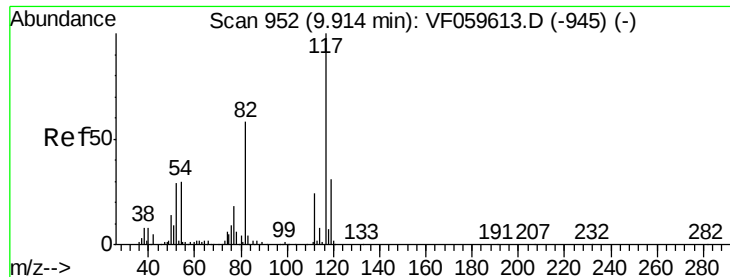


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

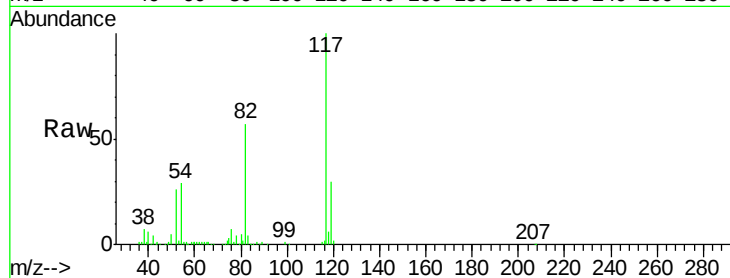




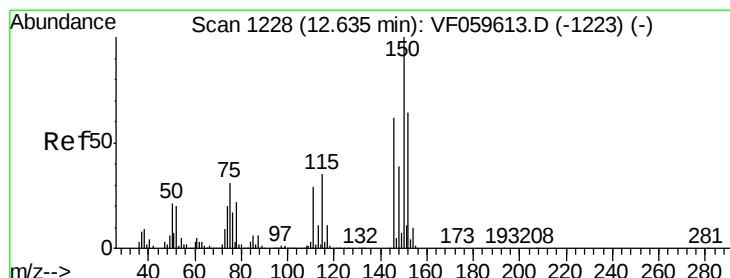
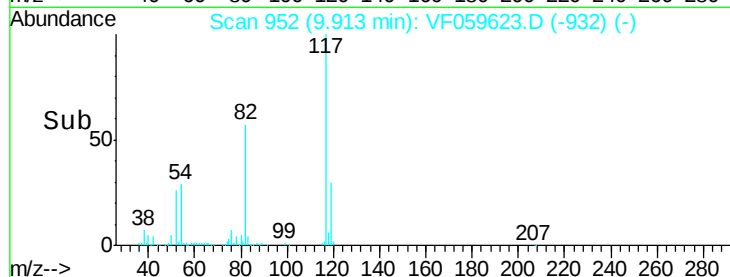
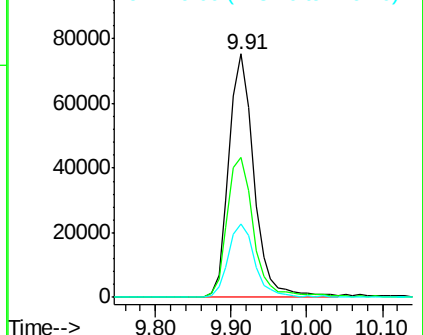
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.00 min
Lab File: VF059623.D
Acq: 23 Jul 2018 19:32

Instrument :
MSVOA_F
ClientSampleId :
GL-TOPSOIL-03

Tot Ion:117 Resp: 174256
Ion Ratio Lower Upper
117 100
82 57.3 46.5 69.7
119 30.0 24.4 36.6

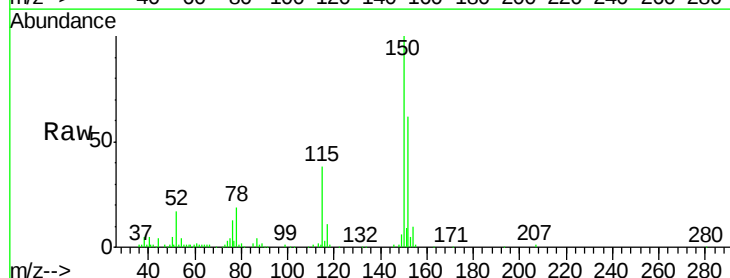


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

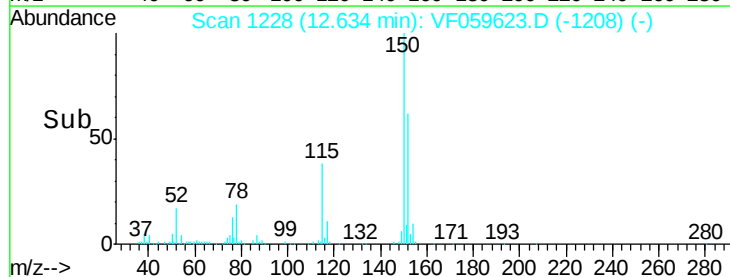
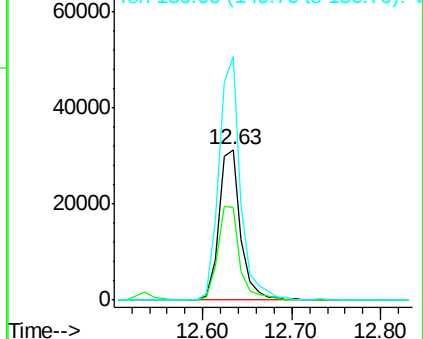


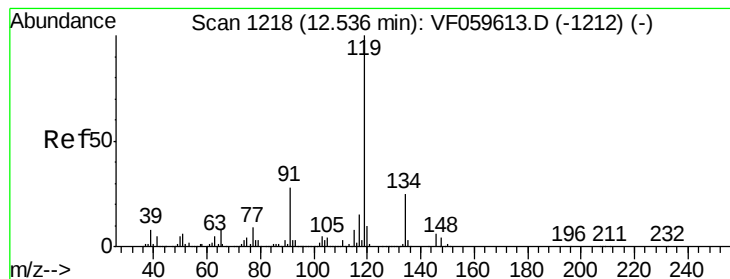
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF059623.D
Acq: 23 Jul 2018 19:32

Tgt Ion:152 Resp: 53422
Ion Ratio Lower Upper
152 100
115 61.5 27.8 83.4
150 162.1 0.0 314.6



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

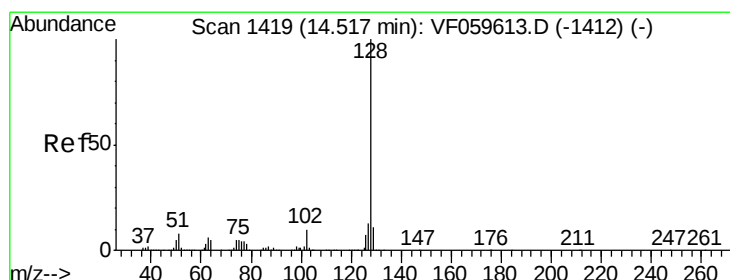
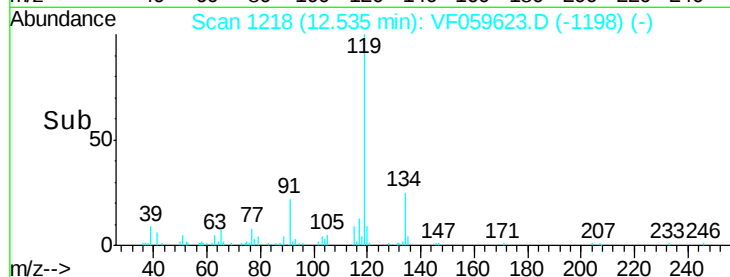
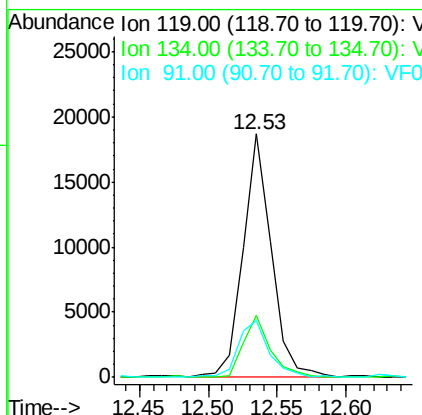
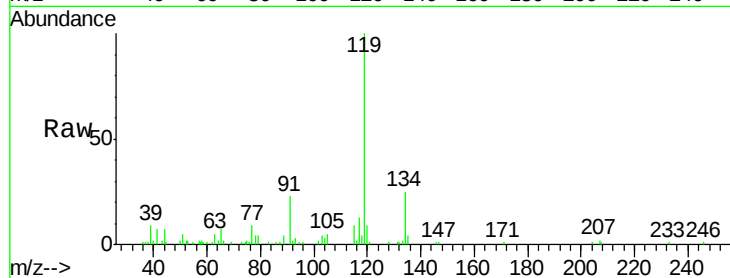




#86
p-Isopropyltoluene
Concen: 7.88 ug/l
RT: 12.53 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VF059623.D
Acq: 23 Jul 2018 19:32

Instrument :
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ClientSampleId :
GL-TOPSOIL-03

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.4	37.2
91	23.0	13.9	41.7



#95
Naphthalene
Concen: 1.72 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. -0.00 min
Lab File: VF059623.D
Acq: 23 Jul 2018 19:32

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.2	15.2
129	13.0	9.1	13.7

