

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059758.D
 Acq On : 1 Aug 2018 16:33
 Operator : VA/AP
 Sample : J4228-04RE
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 G.L.B(8.0)-1ARE

Quant Time: Aug 01 16:54:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	26490	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.75	114	25444	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	19475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	8890	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	8535	17.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	35.86%	
35) Dibromofluoromethane	4.29	113	8800	33.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.60%	
50) Toluene-d8	7.71	98	21746	35.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.58%	
62) 4-Bromofluorobenzene	11.51	95	7043	20.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	41.28%	

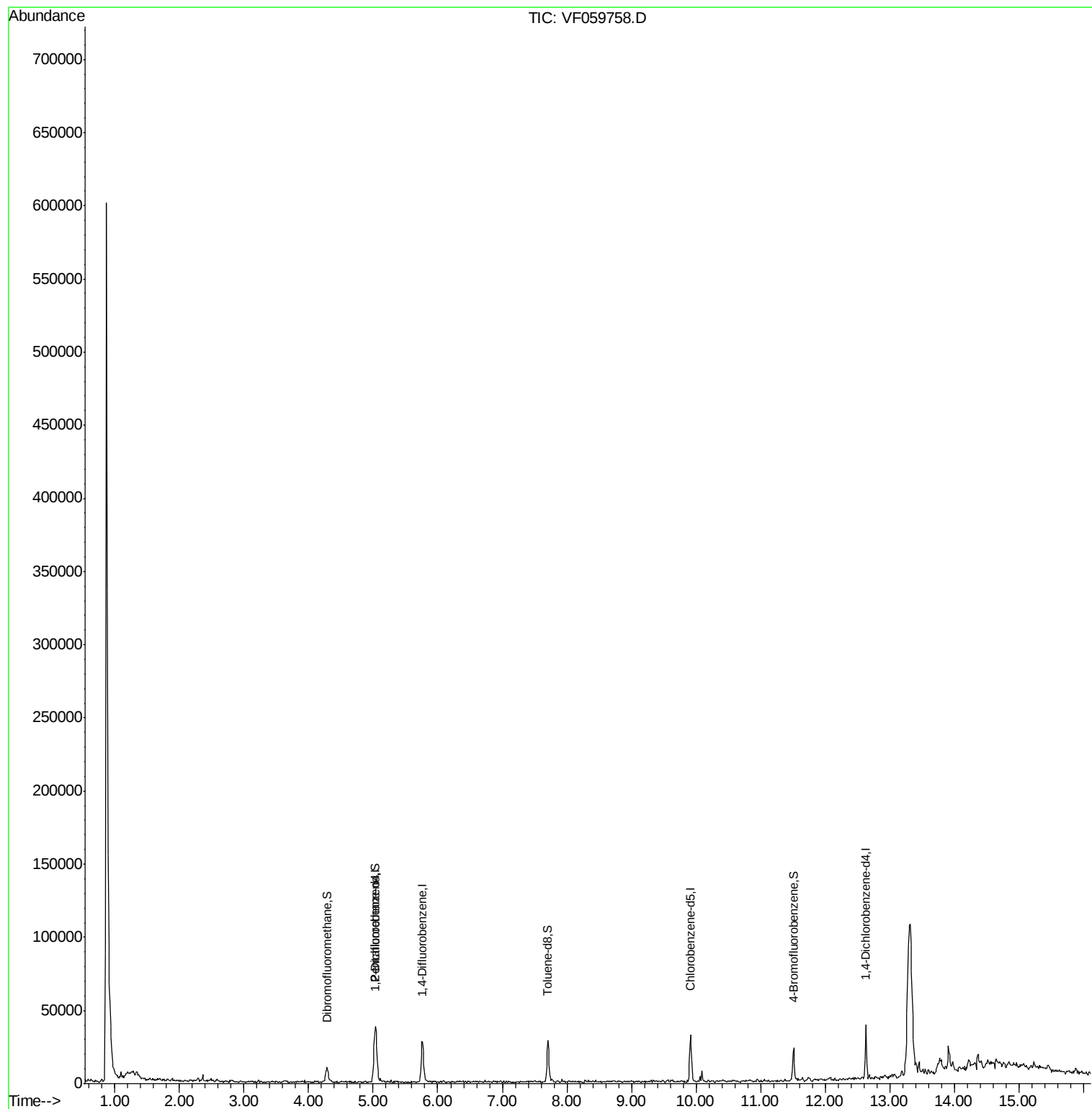
Target Compounds	Qvalue
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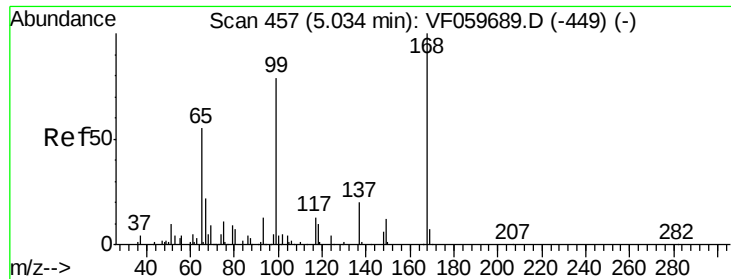
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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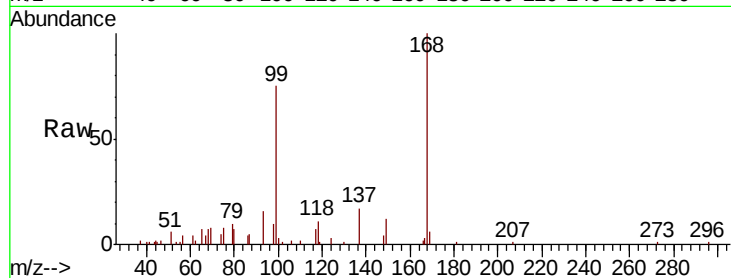




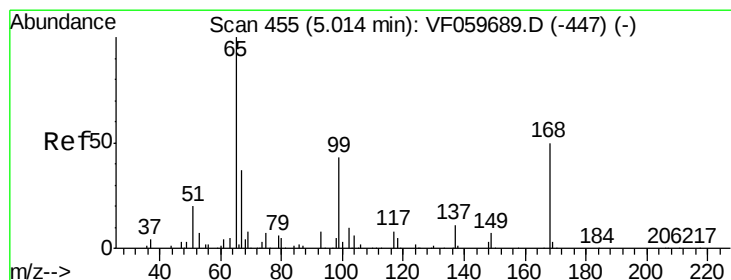
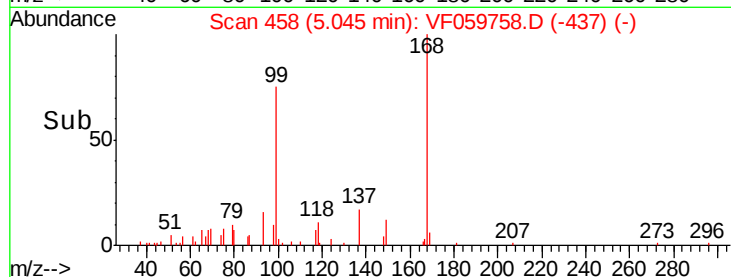
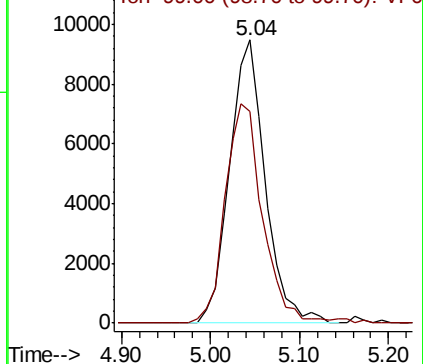
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.04 min Scan# 458
Delta R.T. 0.01 min
Lab File: VF059758.D
Acq: 1 Aug 2018 16:33

Instrument :
MSVOA_F
ClientSampleId :
G.L.B(8.0)-1ARE

Tot Ion:168 Resp: 26490
Ion Ratio Lower Upper
168 100
99 74.8 63.3 94.9

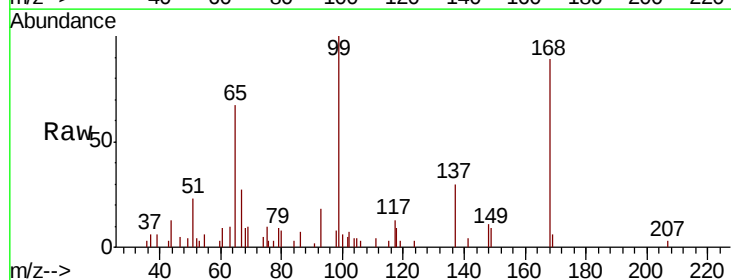


Abundance Ion 168.00 (167.70 to 168.70): VF0
Ion 99.00 (98.70 to 99.70): VF0

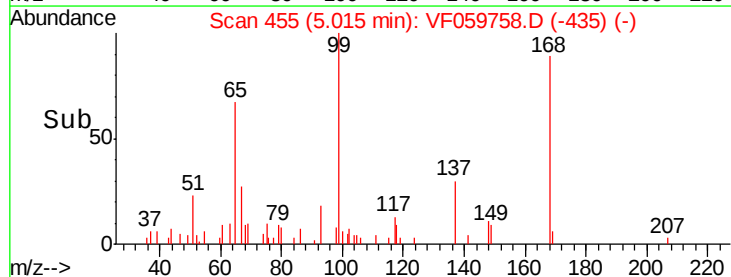
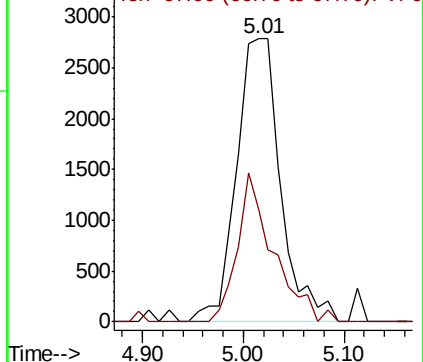


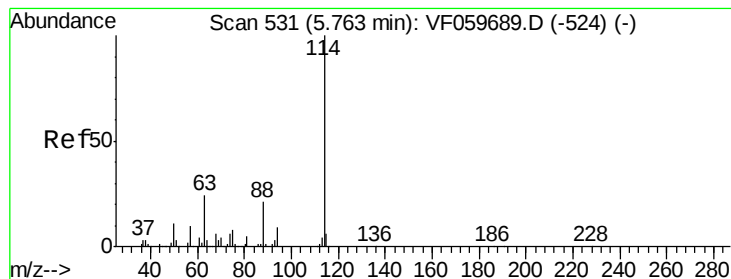
#33
1,2-Dichloroethane-d4
Concen: 17.93 ug/l
RT: 5.01 min Scan# 455
Delta R.T. 0.00 min
Lab File: VF059758.D
Acq: 1 Aug 2018 16:33

Tgt Ion: 65 Resp: 8535
Ion Ratio Lower Upper
65 100
67 39.6 0.0 84.6



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: 5.75 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059758.D

Acq: 1 Aug 2018 16:33

Instrument :

MSVOA_F

ClientSampleId :

G.L.B(8.0)-1ARE

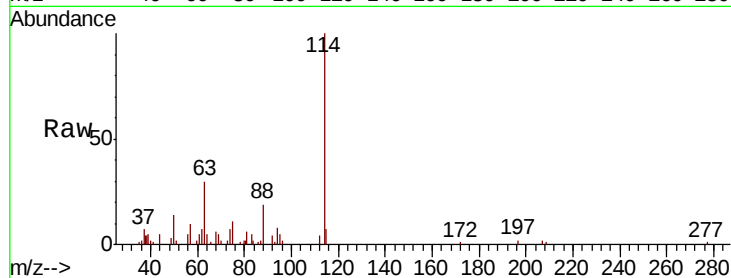
Tot Ion:114 Resp: 25444

Ion Ratio Lower Upper

114 100

63 29.8 0.0 47.4

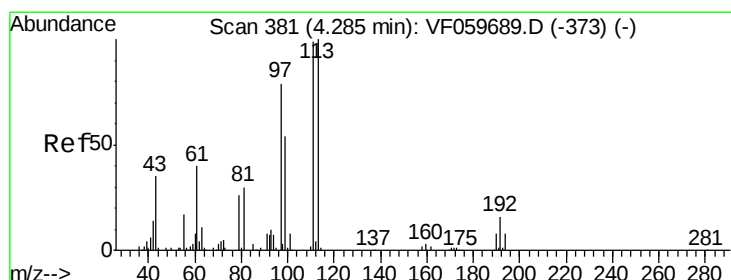
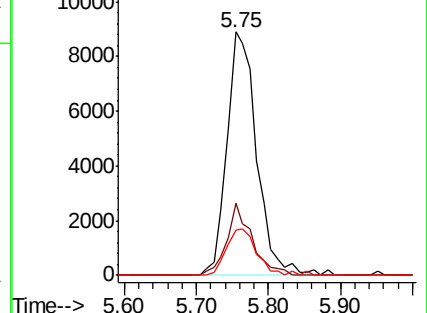
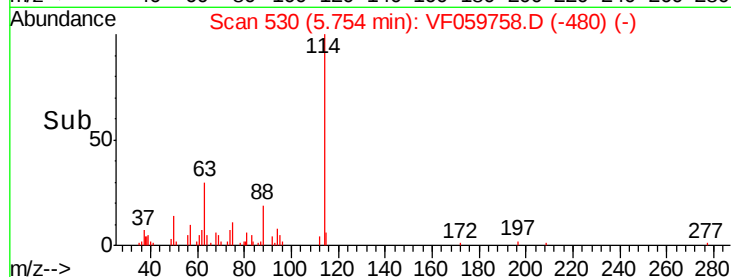
88 18.8 0.0 41.2



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: 33.30 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.00 min

Lab File: VF059758.D

Acq: 1 Aug 2018 16:33

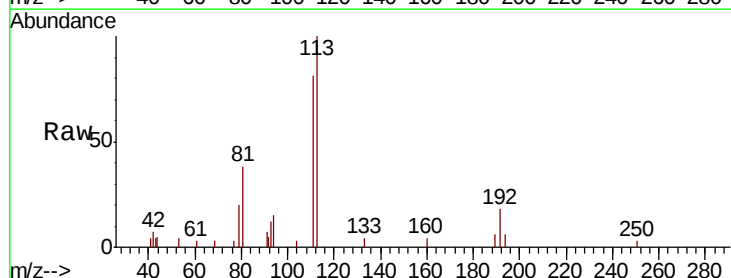
Tgt Ion:113 Resp: 8800

Ion Ratio Lower Upper

113 100

111 81.2 79.0 118.4

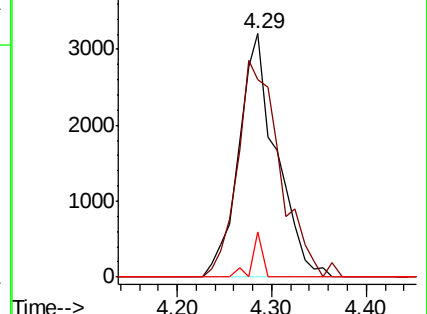
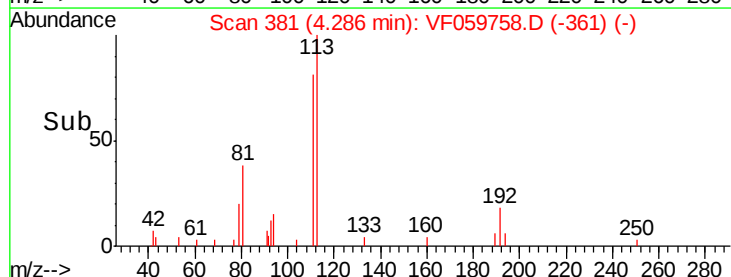
192 18.3 13.2 19.8

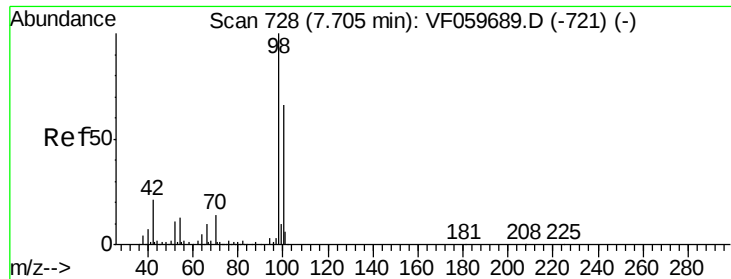


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

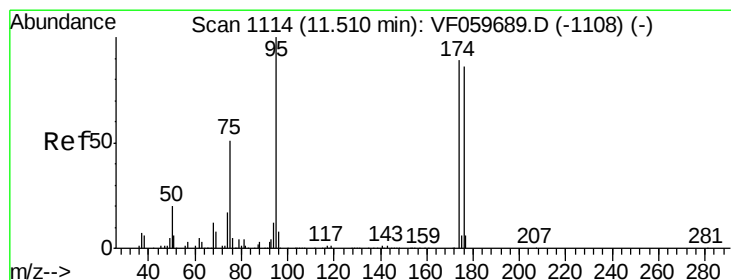
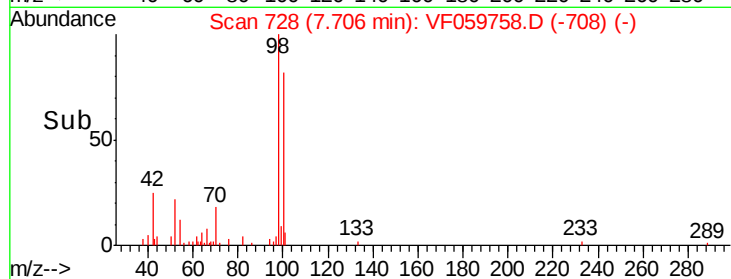
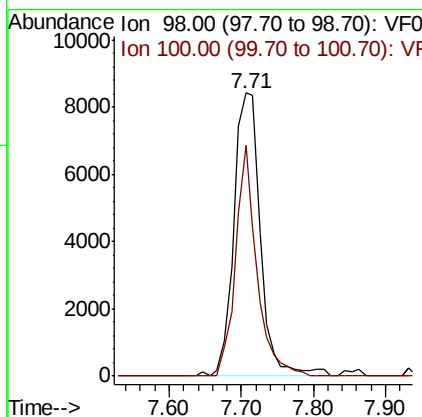
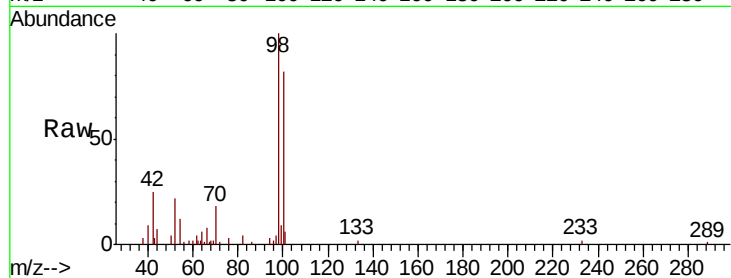




#50
Toluene-d8
Concen: 35.29 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059758.D
Acq: 1 Aug 2018 16:33

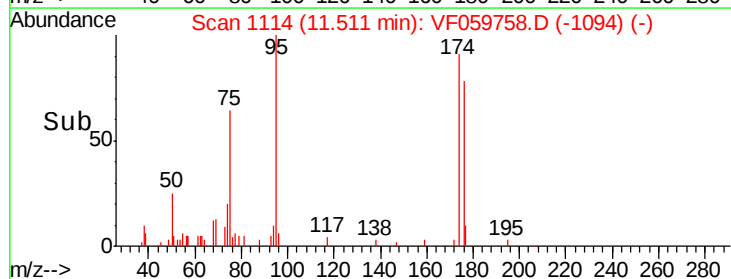
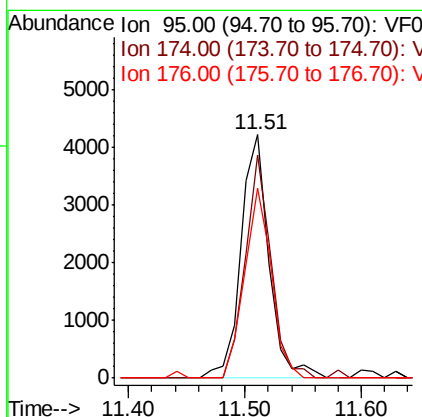
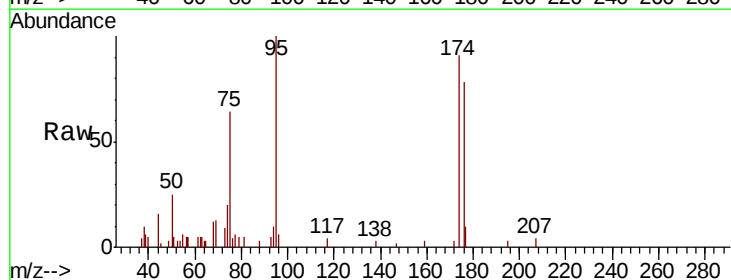
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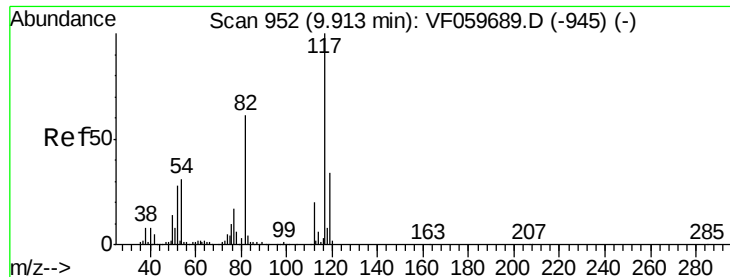
Tot Ion: 98 Resp: 21746
Ion Ratio Lower Upper
98 100
100 81.5 52.8 79.2#



#62
4-Bromofluorobenzene
Concen: 20.64 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059758.D
Acq: 1 Aug 2018 16:33

Tgt Ion: 95 Resp: 7043
Ion Ratio Lower Upper
95 100
174 91.4 0.0 178.4
176 77.9 0.0 173.0

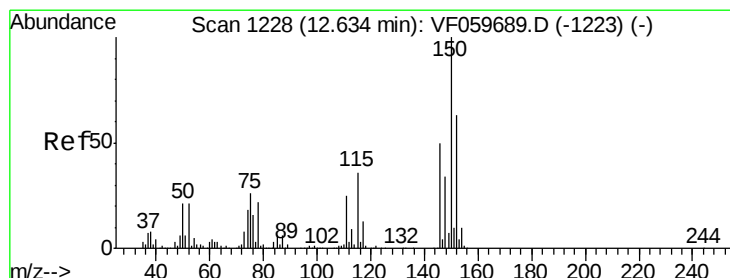
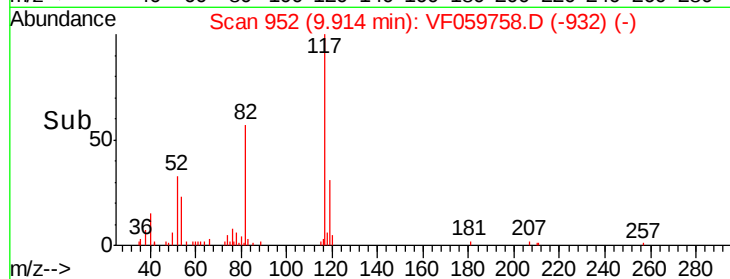
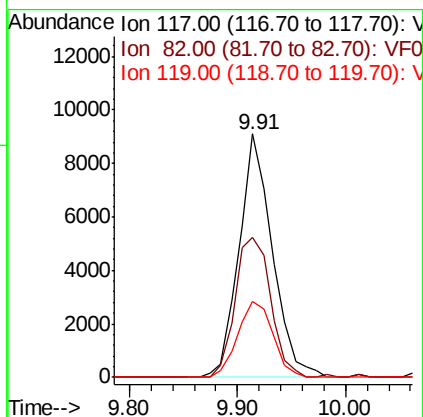
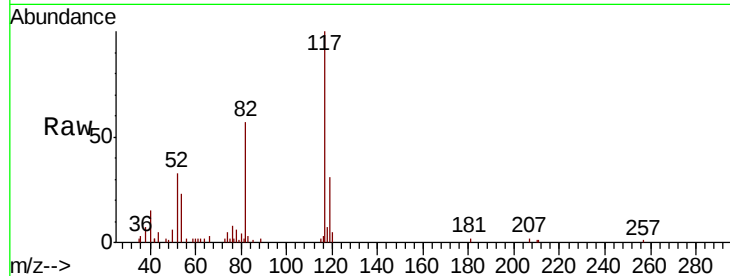




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059758.D
Acq: 1 Aug 2018 16:33

Instrument :
MSVOA_F
ClientSampleId :
G.L.B(8.0)-1ARE

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	49.0	73.4
119	31.1	27.3	40.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059758.D
Acq: 1 Aug 2018 16:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	49.6	28.2	84.6
150	156.7	0.0	316.2

