

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081718\
 Data File : VF059990.D
 Acq On : 18 Aug 2018 00:02
 Operator : VA/AP
 Sample : J4501-05RE
 Misc : 5.05g/5mL/MSVOA F/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RA-081318-FL-020RE

Quant Time: Aug 18 01:58:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:11:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	25361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	16475	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	13406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	4975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	5091	10.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	20.80%	
35) Dibromofluoromethane	4.29	113	6598	39.19	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	78.38%	
50) Toluene-d8	7.72	98	22622	60.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.84%	
62) 4-Bromofluorobenzene	11.52	95	5431	23.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.28%	

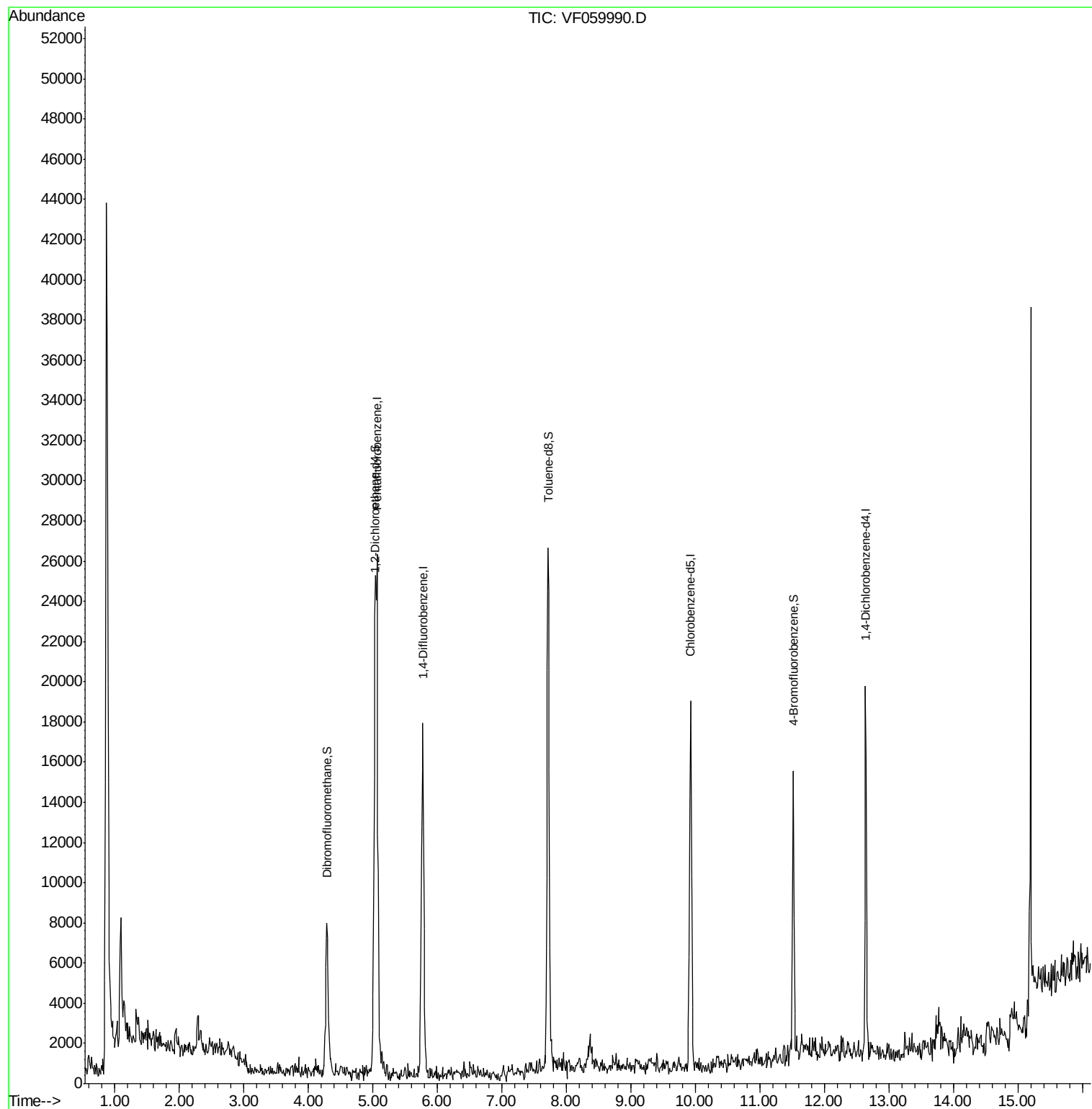
Target Compounds Qvalue

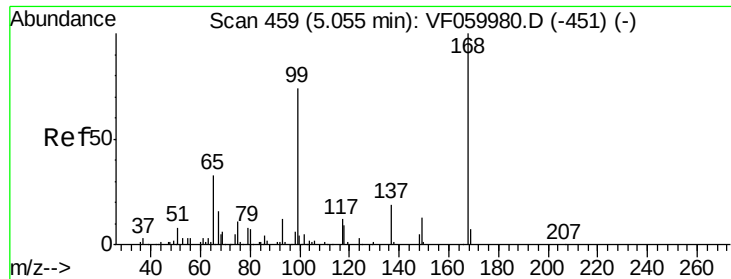
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF059990.D

Acq: 18 Aug 2018 00:02

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MSVOA_F

ClientSampleId :

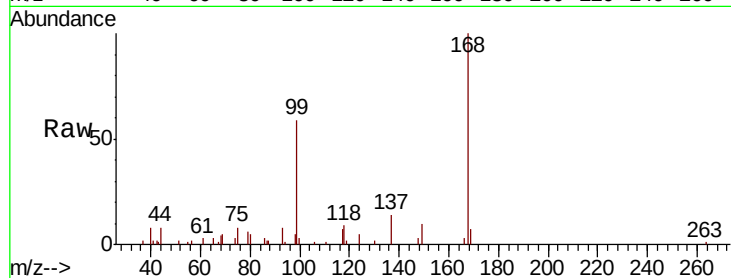
RA-081318-FL-020RE

Tot Ion:168 Resp: 25361

Ion Ratio Lower Upper

168 100

99 59.3 59.0 88.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

8000

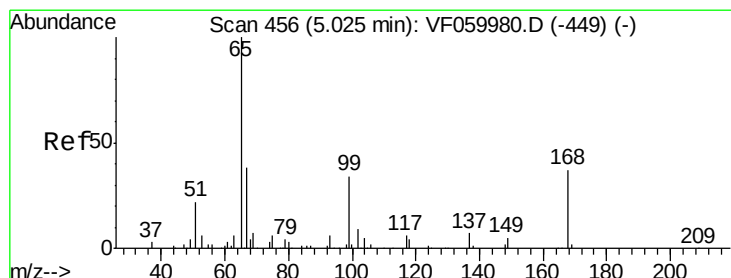
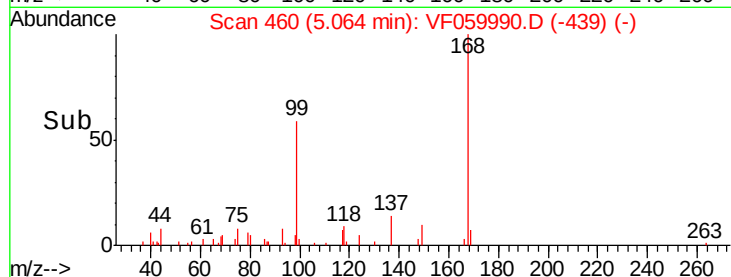
6000

4000

2000

0

Time--> 4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 10.40 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF059990.D

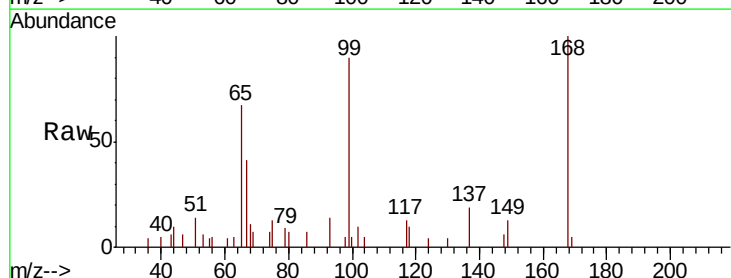
Acq: 18 Aug 2018 00:02

Tgt Ion: 65 Resp: 5091

Ion Ratio Lower Upper

65 100

67 61.1 0.0 82.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

2000

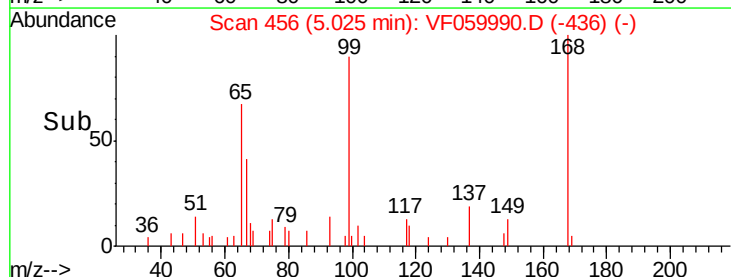
1500

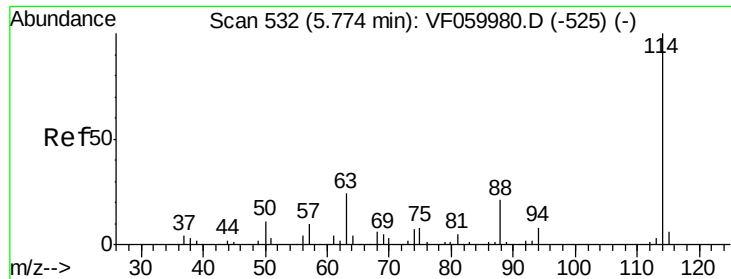
1000

500

0

Time--> 4.90 4.95 5.00 5.05 5.10

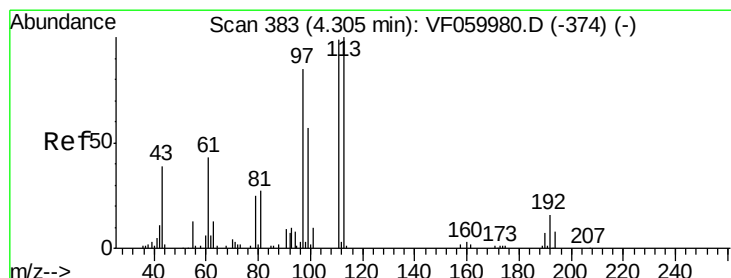
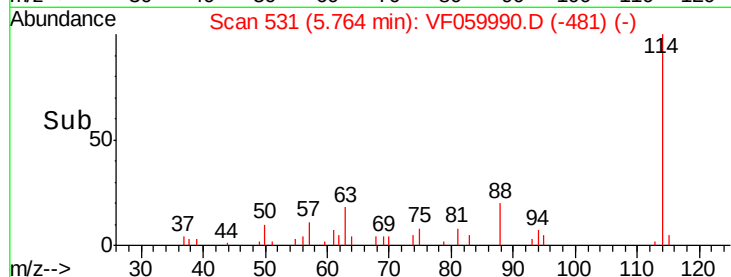
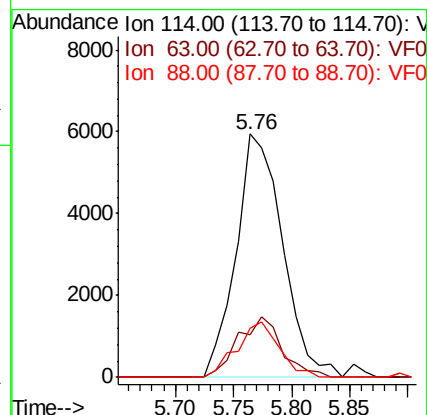
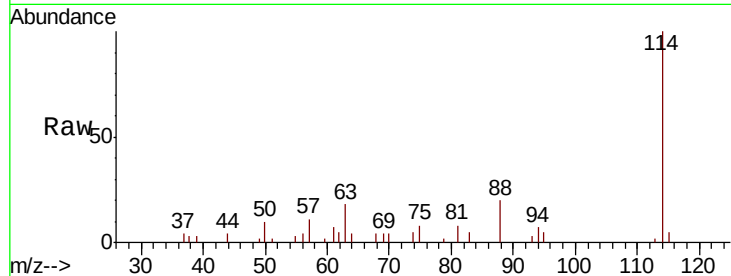




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VF059990.D
 Acq: 18 Aug 2018 00:02

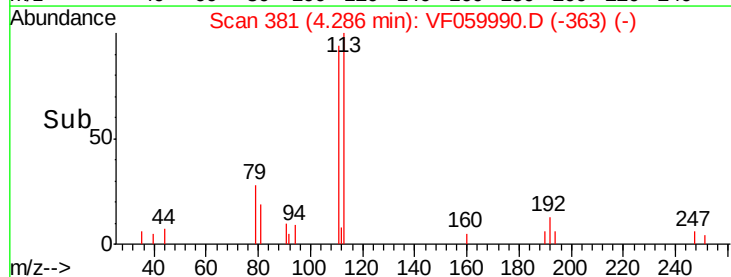
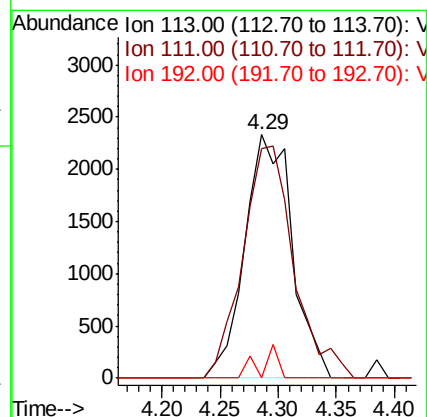
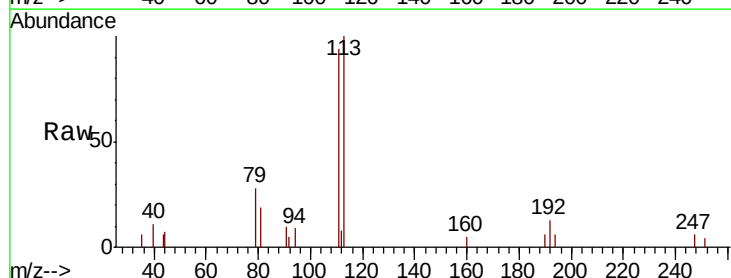
Instrument :
 MSVOA_F
 ClientSampleId :
 RA-081318-FL-020RE

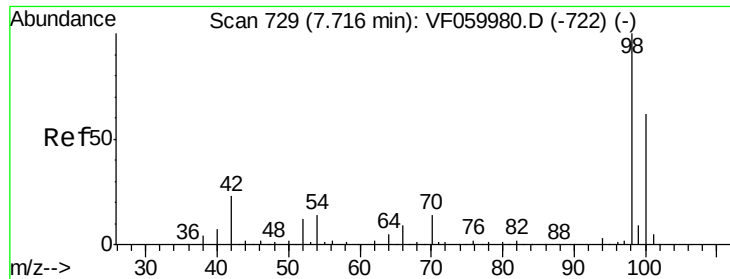
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	48.6
88	20.4	0.0	42.8



#35
 Dibromofluoromethane
 Concen: 39.19 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.02 min
 Lab File: VF059990.D
 Acq: 18 Aug 2018 00:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	94.3	79.5	119.3
192	0.0	12.4	18.6#

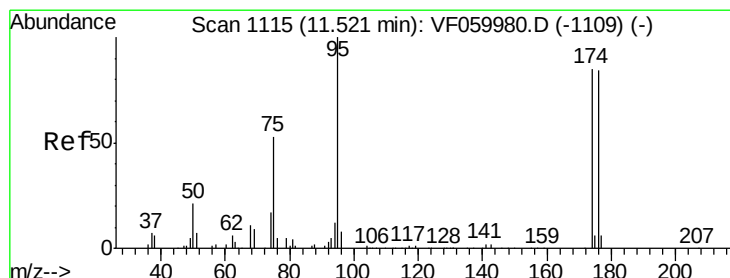
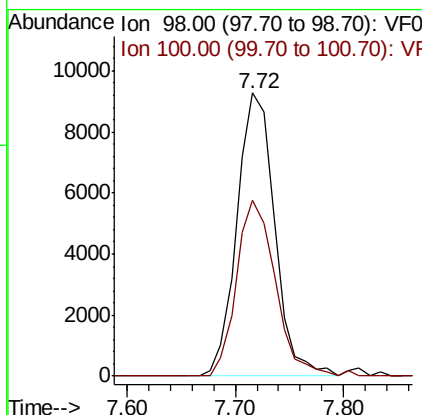
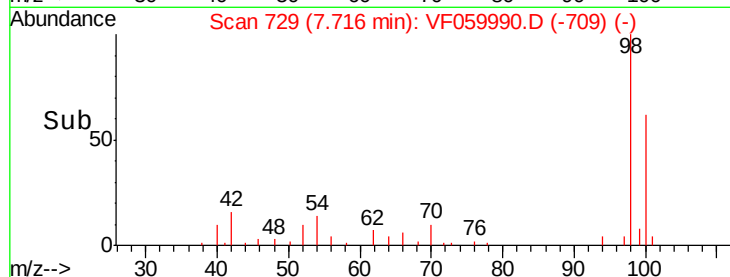
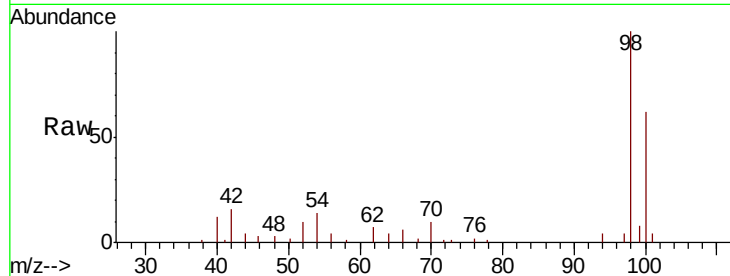




#50
Toluene-d8
Concen: 60.42 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF059990.D
Acq: 18 Aug 2018 00:02

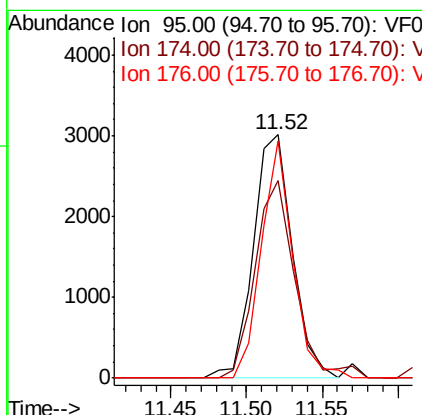
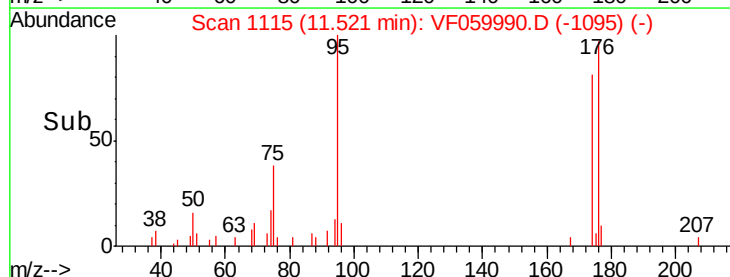
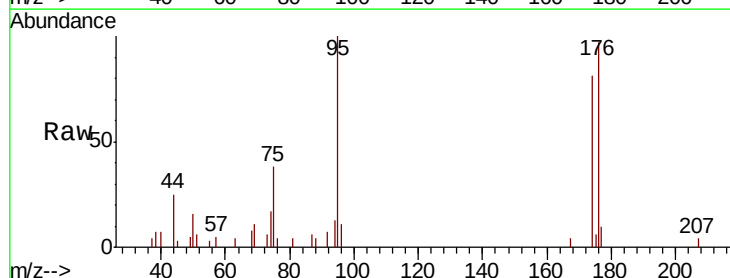
Instrument :
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ClientSampleId :
RA-081318-FL-020RE

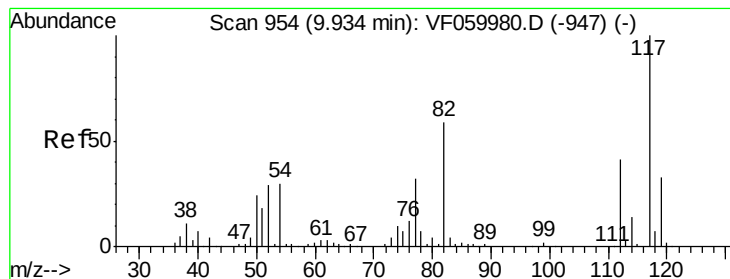
Tot Ion: 98 Resp: 22622
Ion Ratio Lower Upper
98 100
100 62.2 49.8 74.8



#62
4-Bromofluorobenzene
Concen: 23.64 ug/l
RT: 11.52 min Scan# 1115
Delta R.T. 0.00 min
Lab File: VF059990.D
Acq: 18 Aug 2018 00:02

Tgt Ion: 95 Resp: 5431
Ion Ratio Lower Upper
95 100
174 81.2 0.0 169.8
176 97.4 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.92 min Scan# 953

Delta R.T. -0.01 min

Lab File: VF059990.D

Acq: 18 Aug 2018 00:02

Instrument :

MSVOA_F

ClientSampleId :

RA-081318-FL-020RE

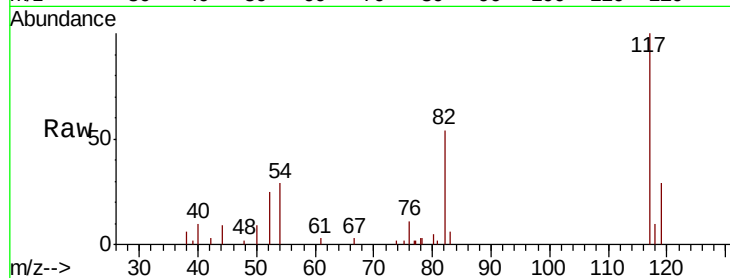
Tot Ion:117 Resp: 13406

Ion Ratio Lower Upper

117 100

82 53.6 47.2 70.8

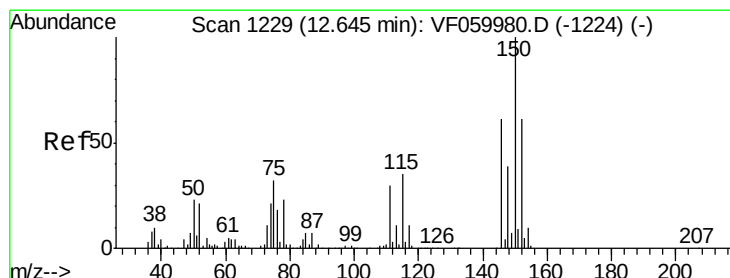
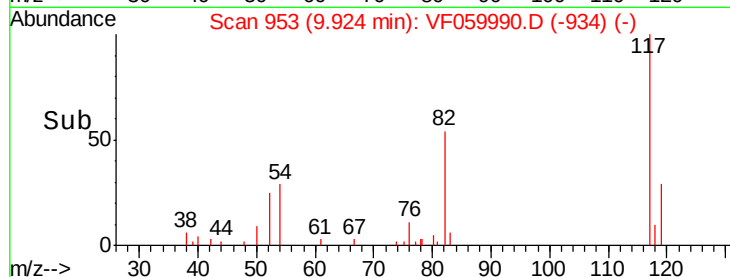
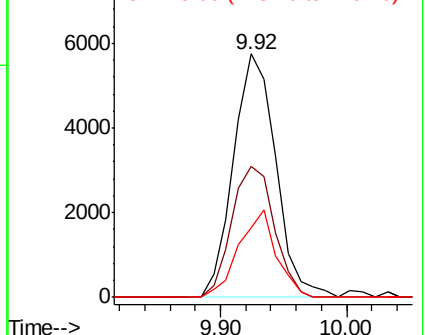
119 28.7 26.1 39.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

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. -0.01 min

Lab File: VF059990.D

Acq: 18 Aug 2018 00:02

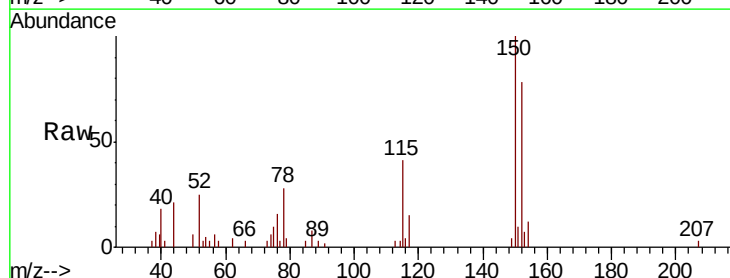
Tgt Ion:152 Resp: 4975

Ion Ratio Lower Upper

152 100

115 52.8 29.1 87.3

150 127.5 0.0 330.2



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

