

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081718\
 Data File : VF059988.D
 Acq On : 17 Aug 2018 23:07
 Operator : VA/AP
 Sample : J4501-02RE
 Misc : 5.03g/5mL/MSVOA F/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RA-081318-FL-017RE

Quant Time: Aug 18 04:35:15 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	5.05	168	17205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	17673	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	10228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	6421	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	6090	18.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	36.68%	
35) Dibromofluoromethane	4.30	113	5240	29.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.02%	
50) Toluene-d8	7.72	98	11584	28.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.68%	
62) 4-Bromofluorobenzene	11.51	95	4455	18.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	36.14%	

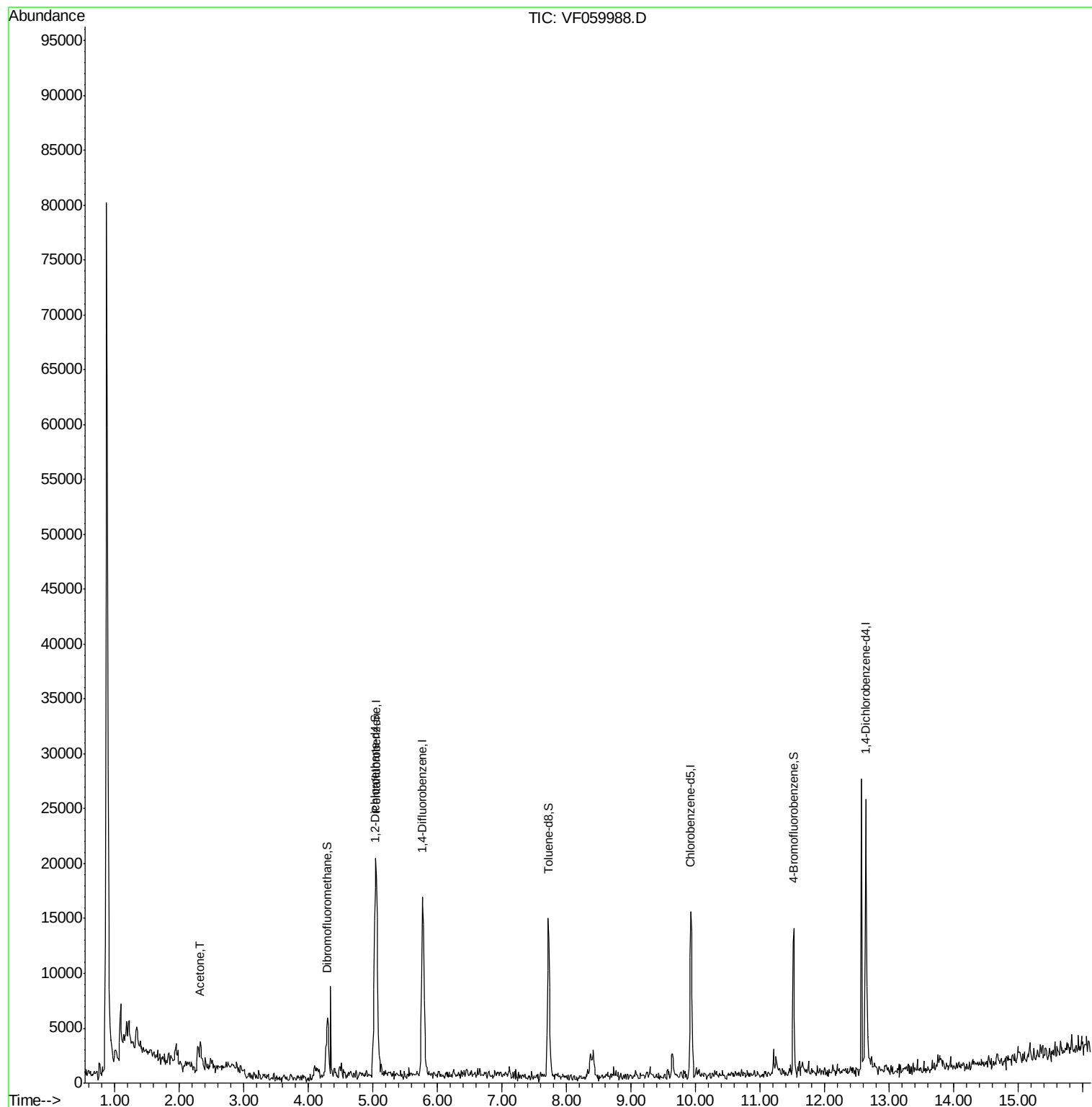
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	3515	28.35	ug/l	97

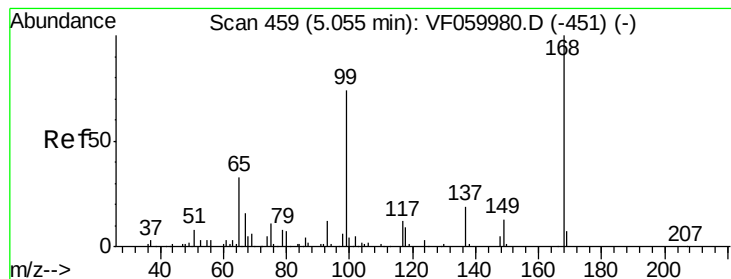
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.00 min

Lab File: VF059988.D

Acq: 17 Aug 2018 23:07

Instrument :

MSVOA_F

ClientSampleId :

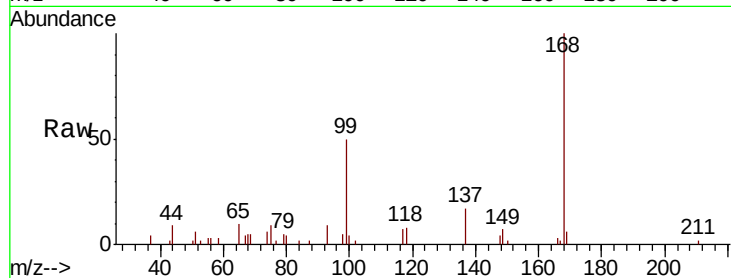
RA-081318-FL-017RE

Tot Ion:168 Resp: 17205

Ion Ratio Lower Upper

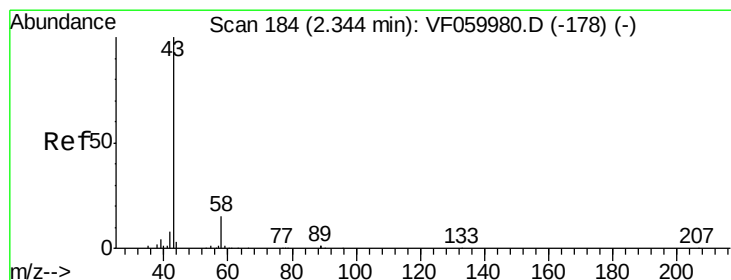
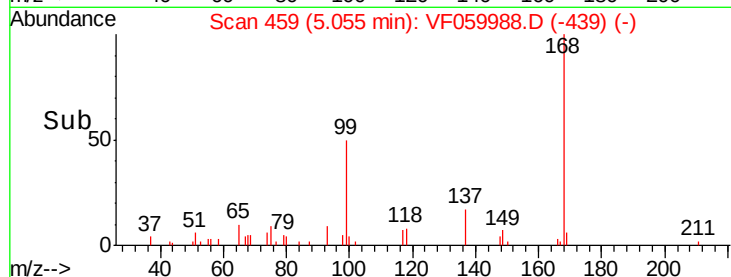
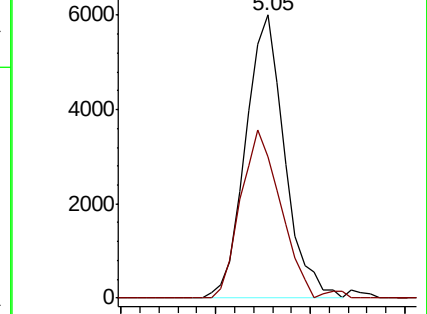
168 100

99 49.7 59.0 88.6#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 28.35 ug/l

RT: 2.32 min Scan# 182

Delta R.T. -0.02 min

Lab File: VF059988.D

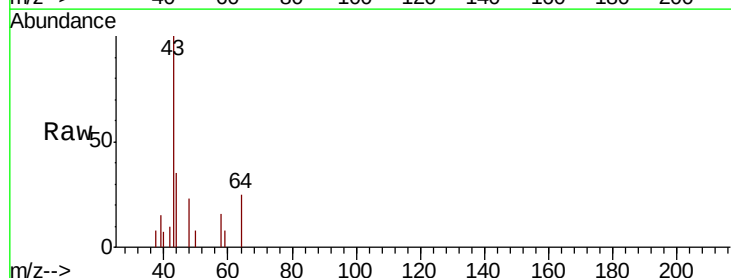
Acq: 17 Aug 2018 23:07

Tgt Ion: 43 Resp: 3515

Ion Ratio Lower Upper

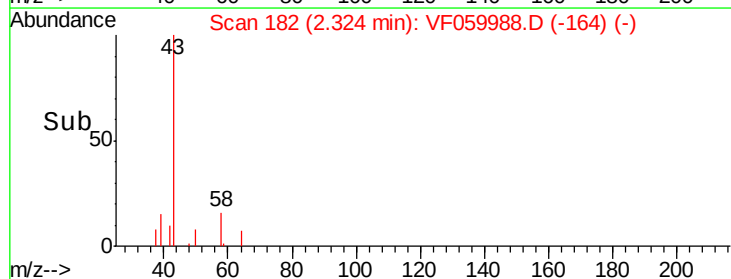
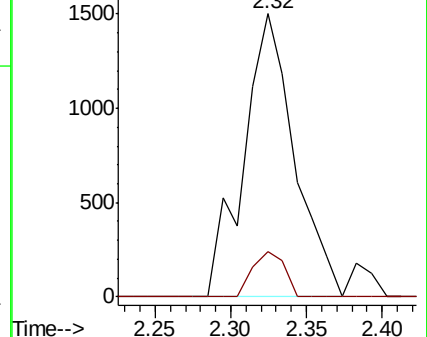
43 100

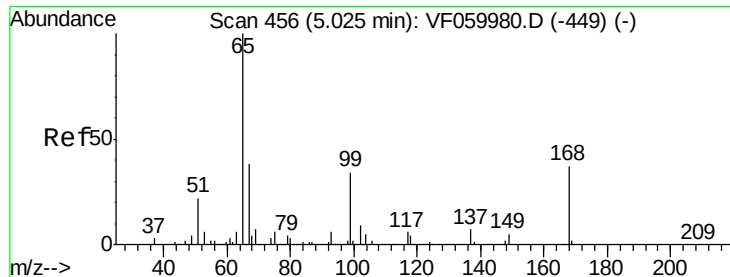
58 16.0 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 18.34 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF059988.D

Acq: 17 Aug 2018 23:07

Instrument :

MSVOA_F

ClientSampleId :

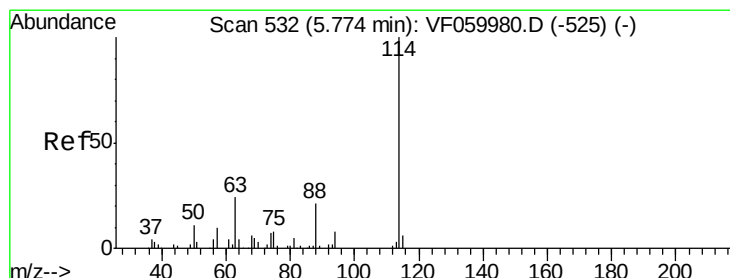
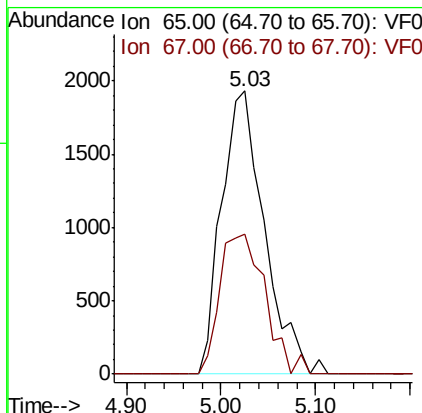
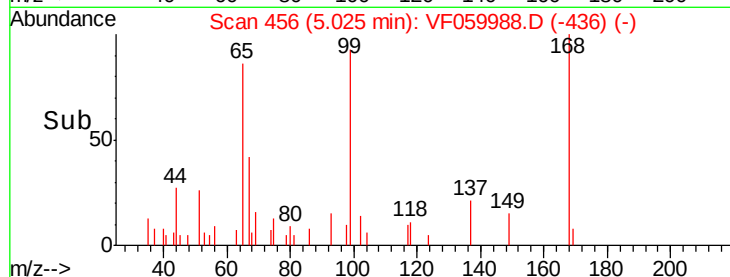
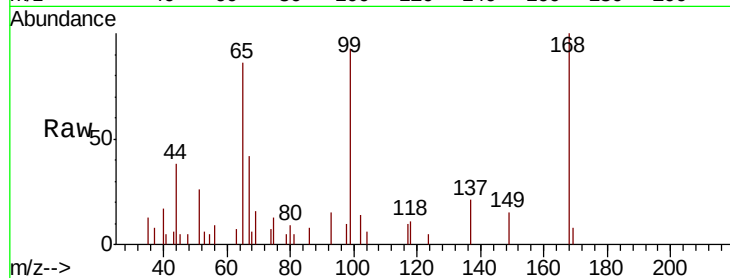
RA-081318-FL-017RE

Tot Ion: 65 Resp: 6090

Ion Ratio Lower Upper

65 100

67 49.3 0.0 82.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 532

Delta R.T. 0.00 min

Lab File: VF059988.D

Acq: 17 Aug 2018 23:07

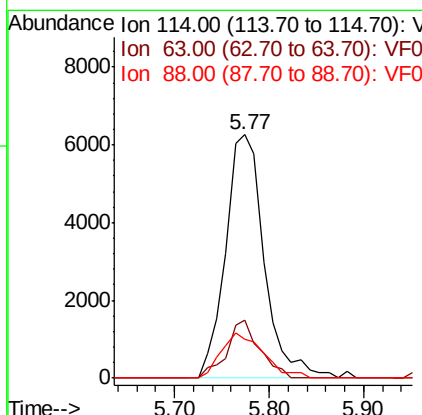
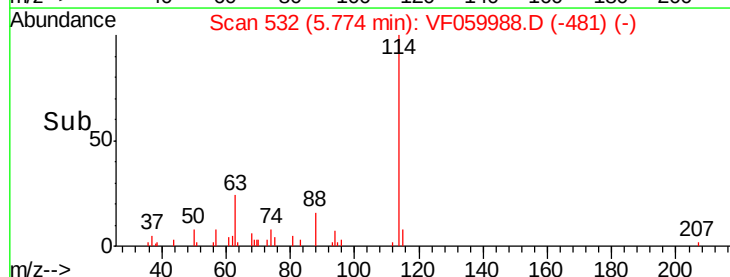
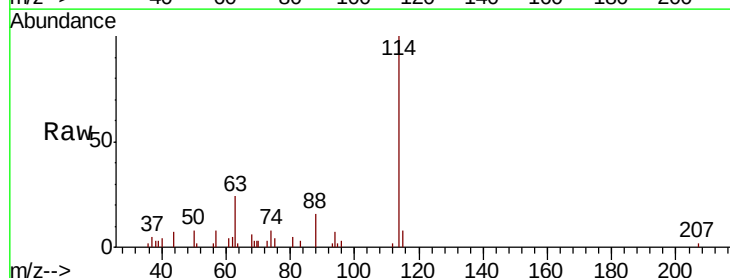
Tgt Ion: 114 Resp: 17673

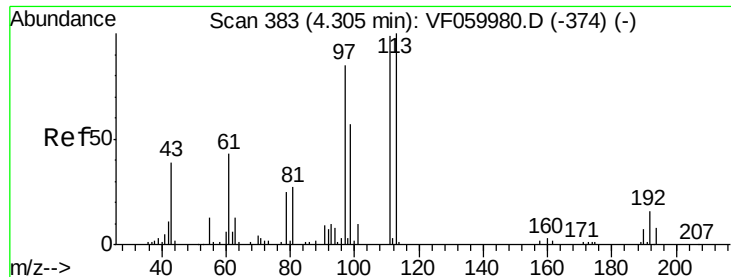
Ion Ratio Lower Upper

114 100

63 23.7 0.0 48.6

88 15.9 0.0 42.8

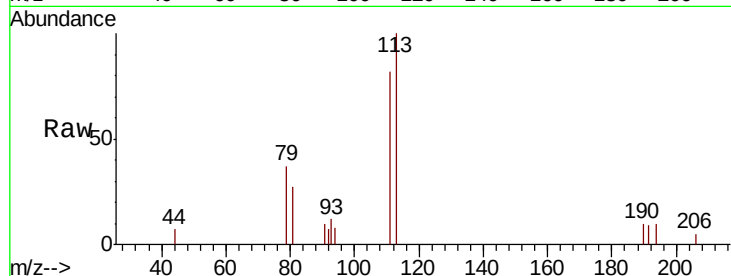




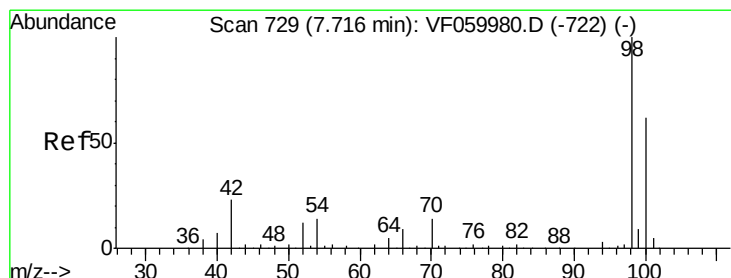
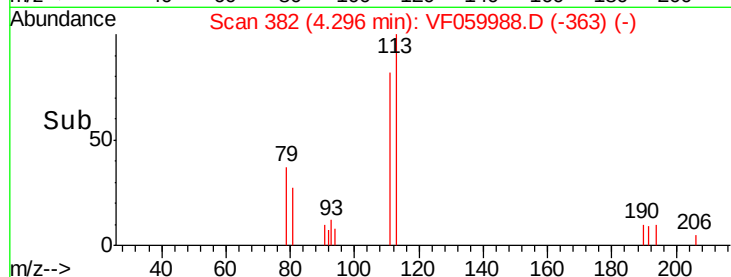
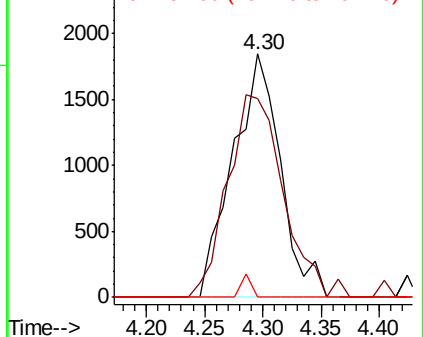
#35
 Dibromofluoromethane
 Concen: 29.01 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. -0.01 min
 Lab File: VF059988.D
 Acq: 17 Aug 2018 23:07

Instrument :
 MSVOA_F
 ClientSampleId :
 RA-081318-FL-017RE

Tot Ion: 113 Resp: 5240
 Ion Ratio Lower Upper
 113 100
 111 81.7 79.5 119.3
 192 0.0 12.4 18.6#

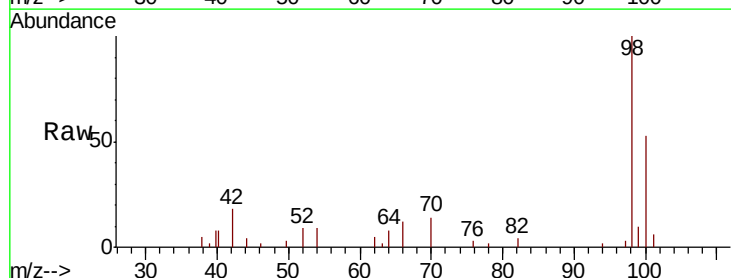


Abundance Ion 113.00 (112.70 to 113.70): V
 2500 Ion 111.00 (110.70 to 111.70): V
 2000 Ion 192.00 (191.70 to 192.70): V

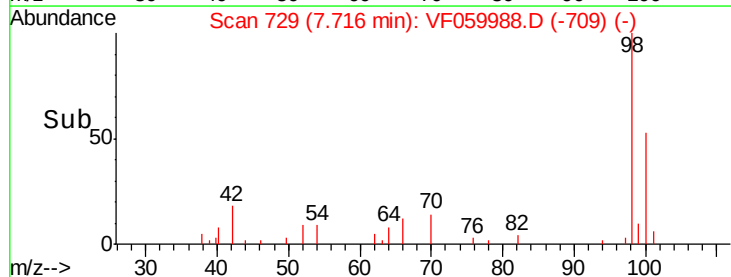
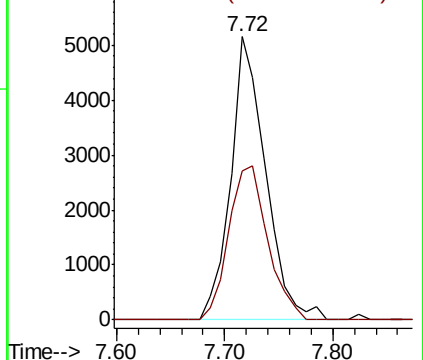


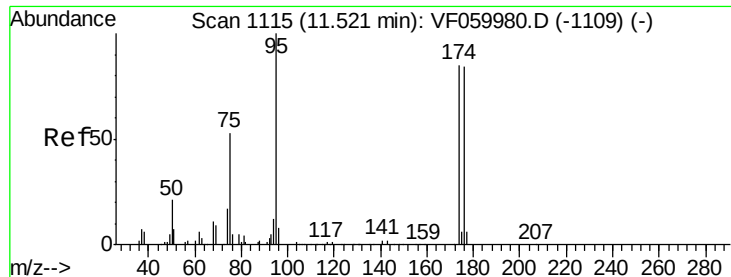
#50
 Toluene-d8
 Concen: 28.84 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VF059988.D
 Acq: 17 Aug 2018 23:07

Tgt Ion: 98 Resp: 11584
 Ion Ratio Lower Upper
 98 100
 100 52.6 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VF0
 6000 Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 18.07 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.01 min

Lab File: VF059988.D

Acq: 17 Aug 2018 23:07

Instrument :

MSVOA_F

ClientSampleId :

RA-081318-FL-017RE

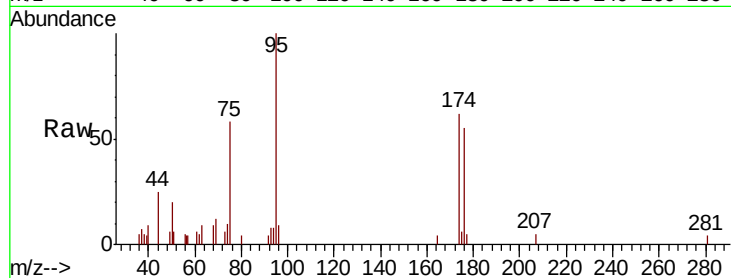
Tot Ion: 95 Resp: 4455

Ion Ratio Lower Upper

95 100

174 61.7 0.0 169.8

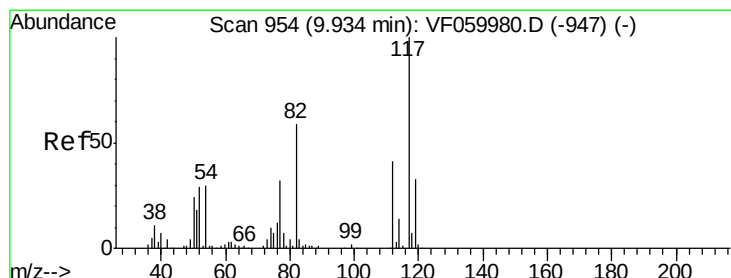
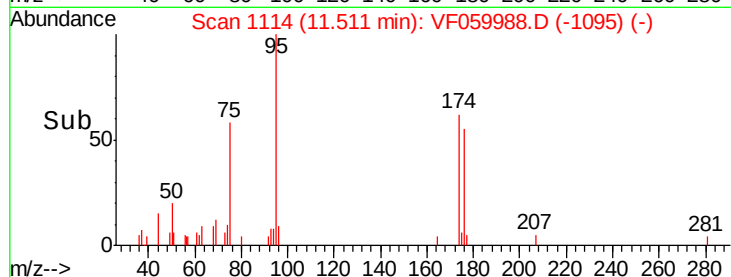
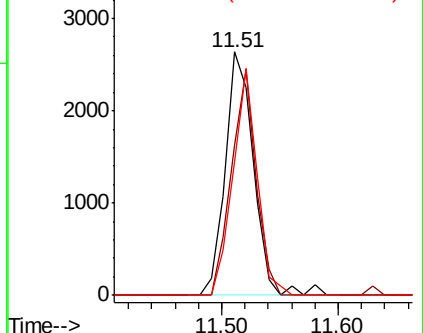
176 54.6 0.0 167.8



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.92 min Scan# 953

Delta R.T. -0.01 min

Lab File: VF059988.D

Acq: 17 Aug 2018 23:07

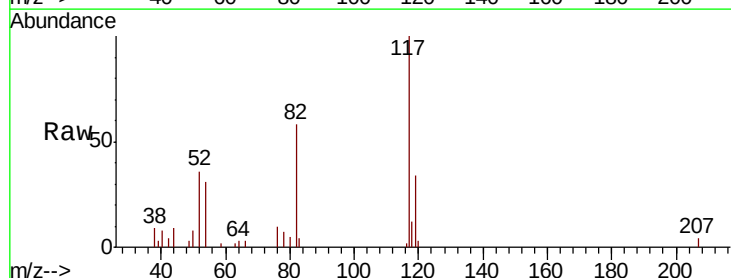
Tgt Ion: 117 Resp: 10228

Ion Ratio Lower Upper

117 100

82 58.1 47.2 70.8

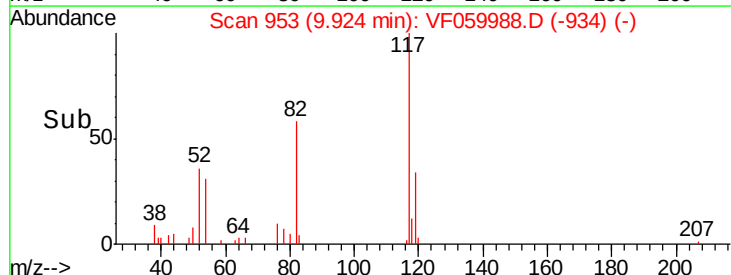
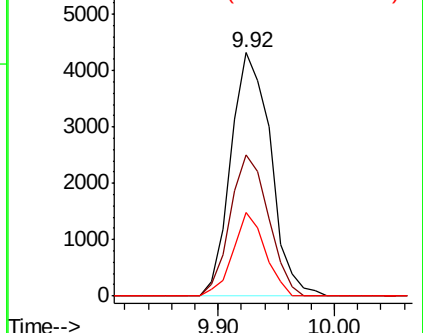
119 34.4 26.1 39.1

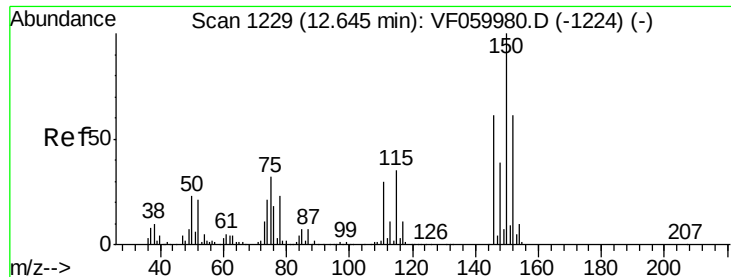


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VF059988.D

Acq: 17 Aug 2018 23:07

Instrument :

MSVOA_F

ClientSampleId :

RA-081318-FL-017RE

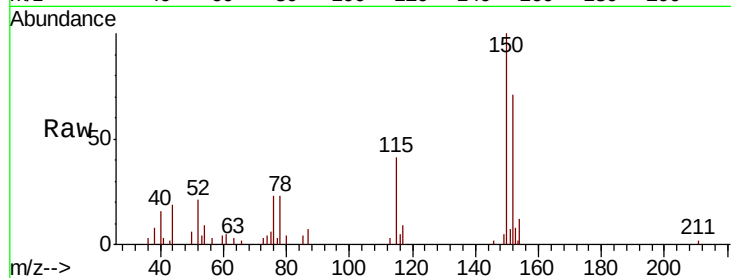
Tot Ion:152 Resp: 6421

Ion Ratio Lower Upper

152 100

115 57.2 29.1 87.3

150 141.0 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

