

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070518\
 Data File : VF059444.D
 Acq On : 5 Jul 2018 19:55
 Operator : VA/AP
 Sample : J3856-01
 Misc : 5.52g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1

Quant Time: Jul 06 08:43:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

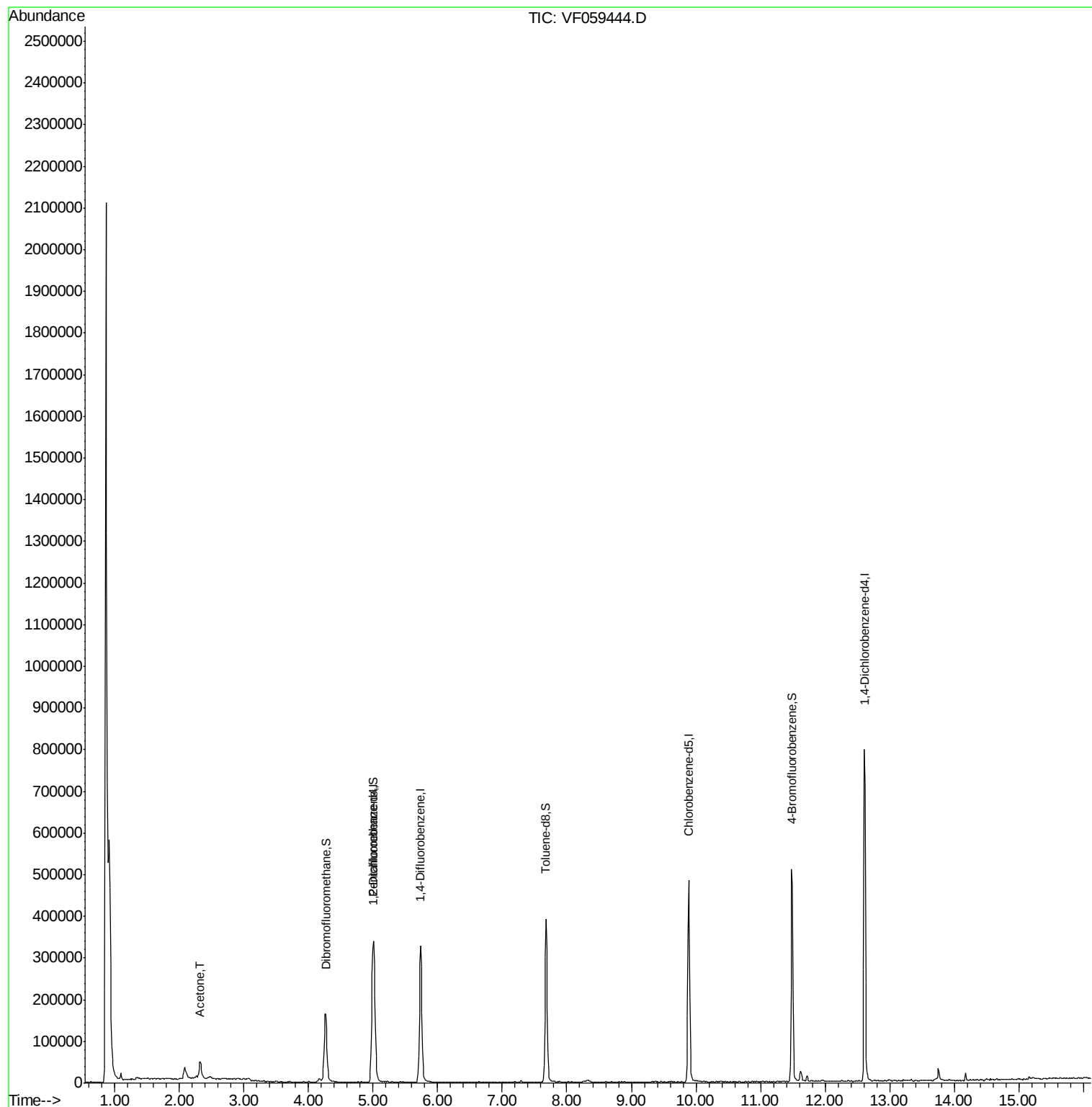
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	213655	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.74	114	323070	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	326814	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	203953	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	173223	62.75	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	125.50%	
35) Dibromofluoromethane	4.26	113	147163	62.34	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	124.68%	
50) Toluene-d8	7.68	98	304051	52.02	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	104.04%	
62) 4-Bromofluorobenzene	11.48	95	184606	55.99	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.98%	
Target Compounds						
16) Acetone	2.33	43	75751	103.920	ug/l	Qvalue 94

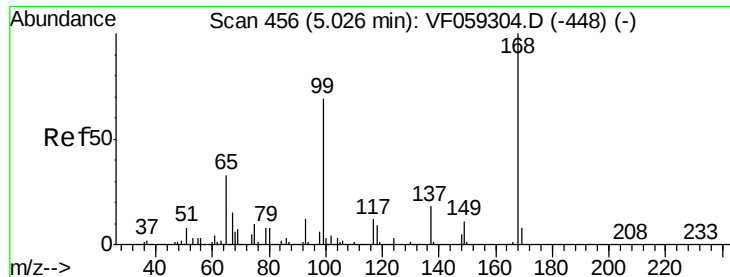
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF059444.D

Acq: 5 Jul 2018 19:55

Instrument :

MSVOA_F

ClientSampleId :

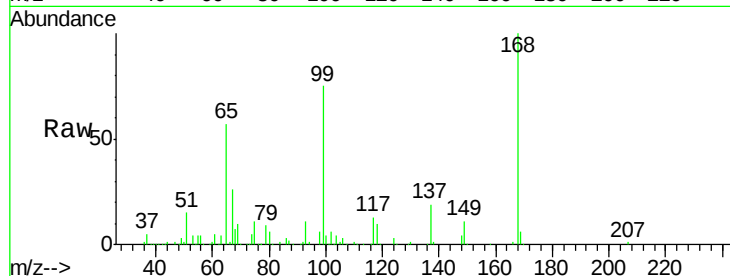
SP-1

Tot Ion:168 Resp: 213655

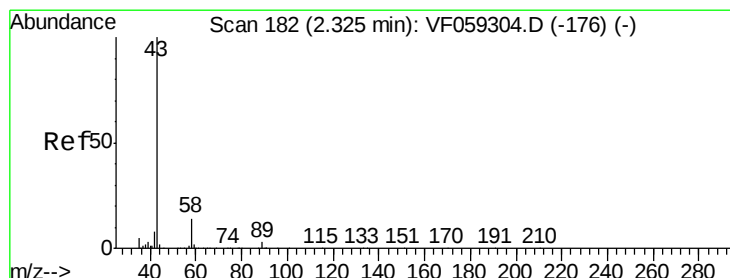
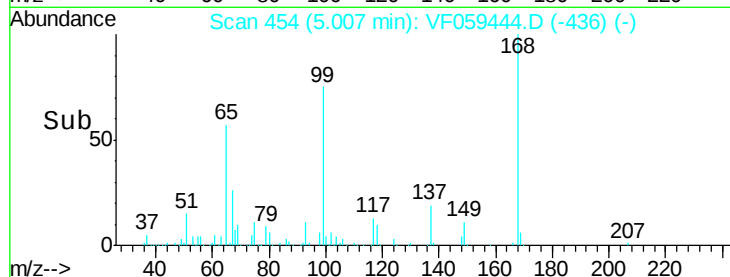
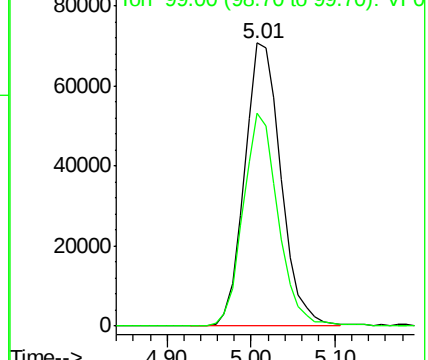
Ion Ratio Lower Upper

168 100

99 75.1 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0



#16

Acetone

Concen: 103.920 ug/l

RT: 2.33 min Scan# 182

Delta R.T. 0.00 min

Lab File: VF059444.D

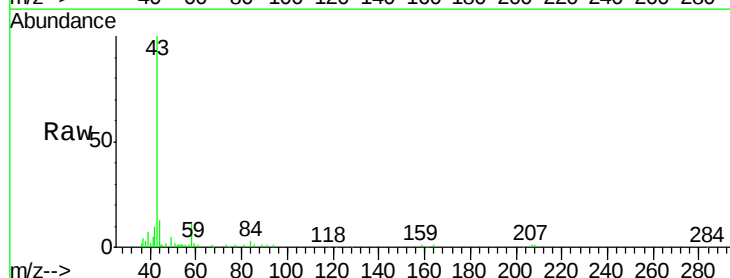
Acq: 5 Jul 2018 19:55

Tgt Ion: 43 Resp: 75751

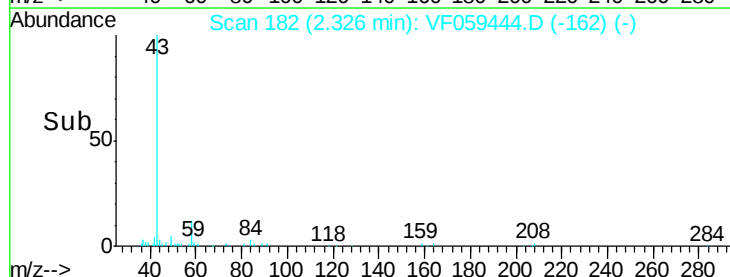
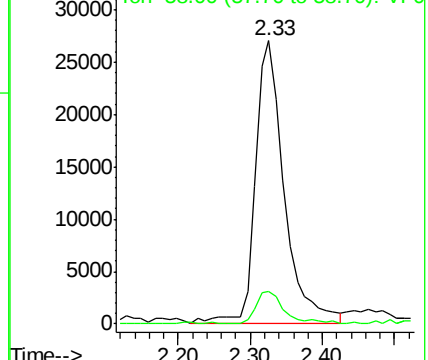
Ion Ratio Lower Upper

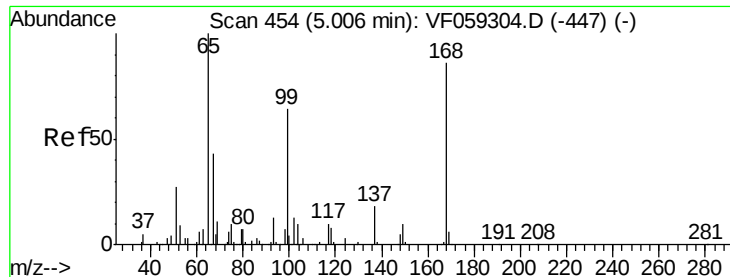
43 100

58 11.6 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 62.753 ug/l

RT: 4.99 min Scan# 452

Delta R.T. -0.02 min

Lab File: VF059444.D

Acq: 5 Jul 2018 19:55

Instrument :

MSVOA_F

ClientSampleId :

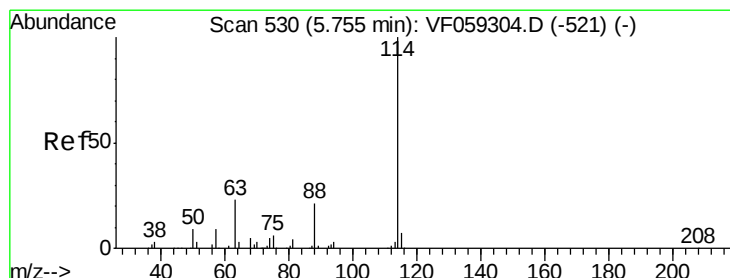
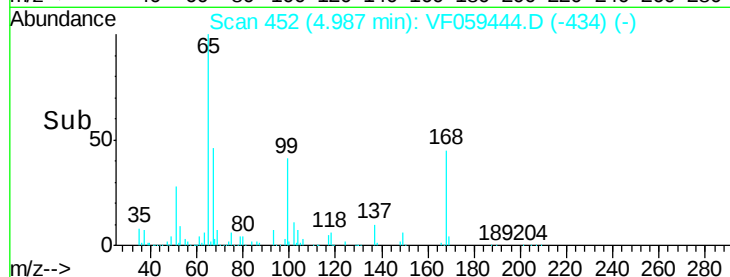
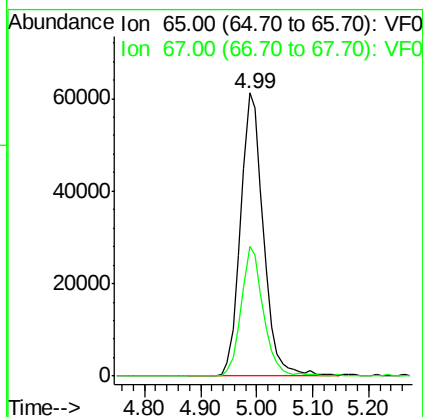
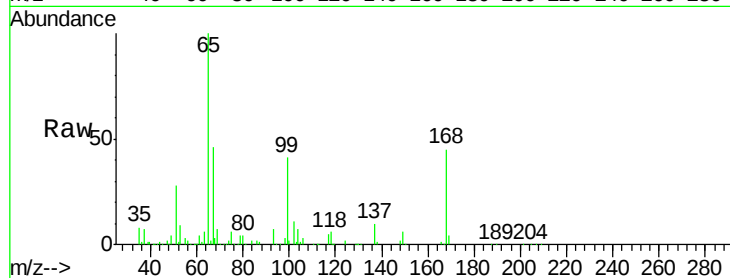
SP-1

Tot Ion: 65 Resp: 173223

Ion Ratio Lower Upper

65 100

67 45.7 0.0 96.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.74 min Scan# 528

Delta R.T. -0.02 min

Lab File: VF059444.D

Acq: 5 Jul 2018 19:55

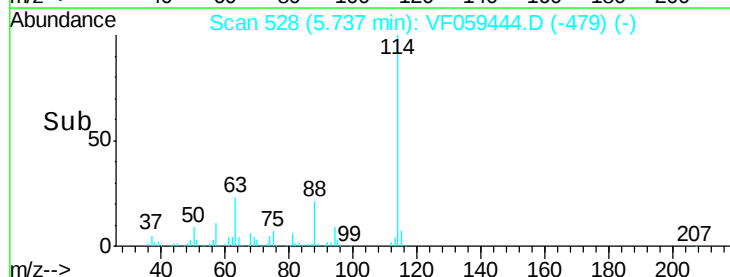
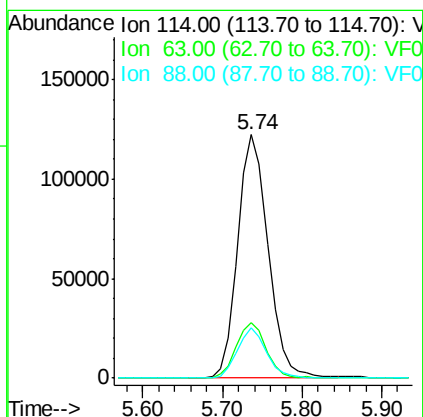
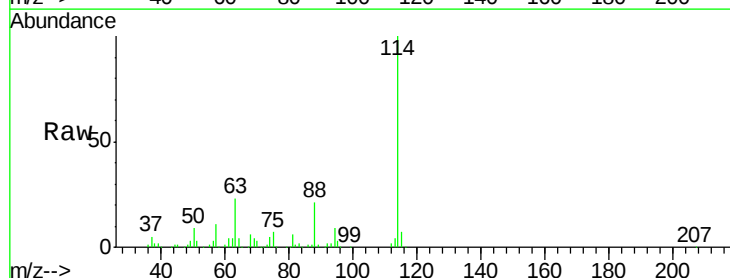
Tgt Ion: 114 Resp: 323070

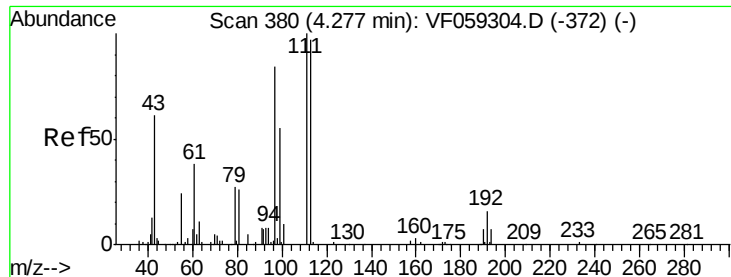
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.8

88 20.8 0.0 41.2

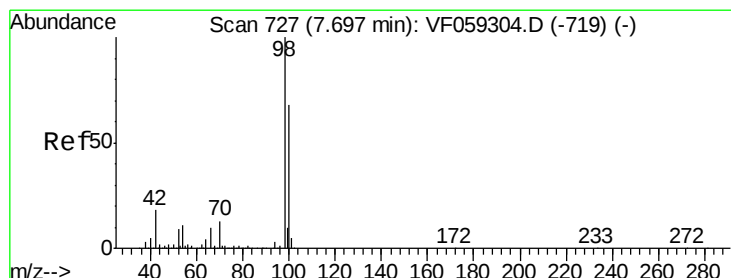
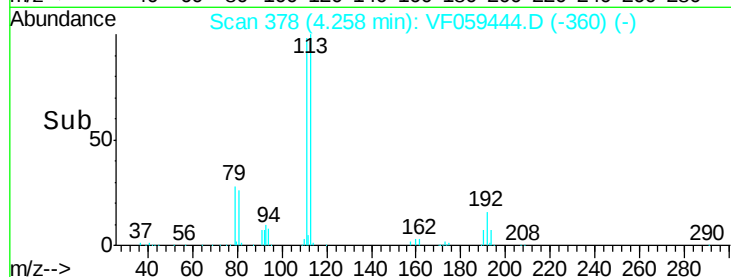
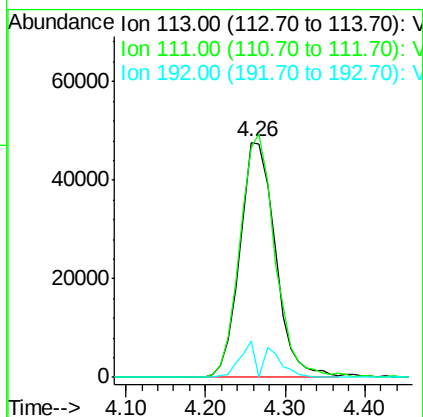
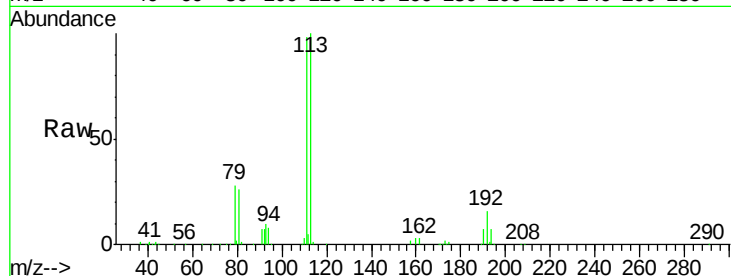




#35
Dibromofluoromethane
Concen: 62.342 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.02 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

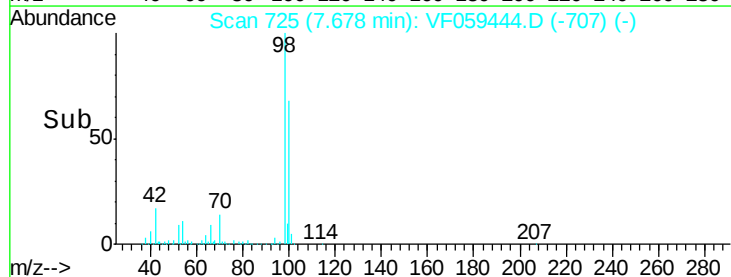
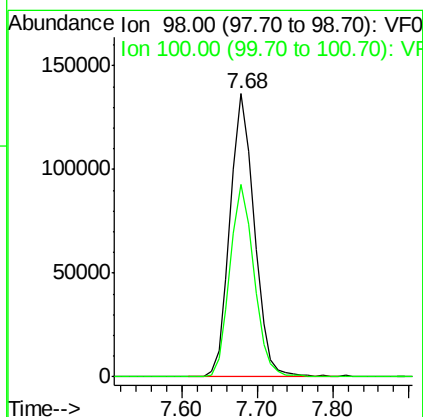
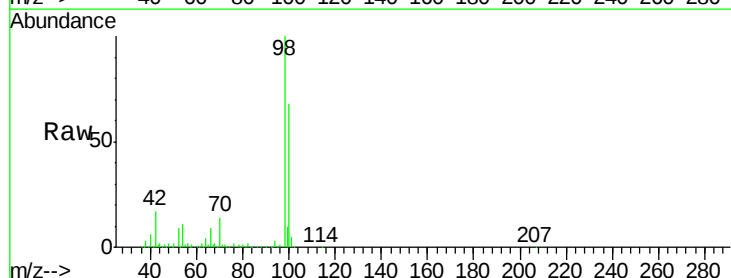
Instrument :
MSVOA_F
ClientSampleId :
SP-1

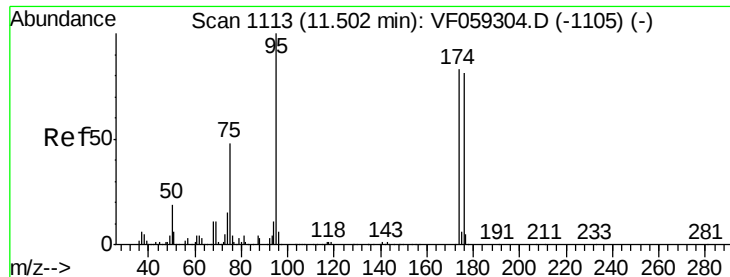
Tot Ion:113 Resp: 147163
Ion Ratio Lower Upper
113 100
111 97.9 82.1 123.1
192 15.7 13.0 19.6



#50
Toluene-d8
Concen: 52.023 ug/l
RT: 7.68 min Scan# 725
Delta R.T. -0.02 min
Lab File: VF059444.D
Acq: 5 Jul 2018 19:55

Tgt Ion: 98 Resp: 304051
Ion Ratio Lower Upper
98 100
100 67.9 54.6 82.0





#62

4-Bromofluorobenzene

Concen: 55.995 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF059444.D

Acq: 5 Jul 2018 19:55

Instrument :

MSVOA_F

ClientSampled :

SP-1

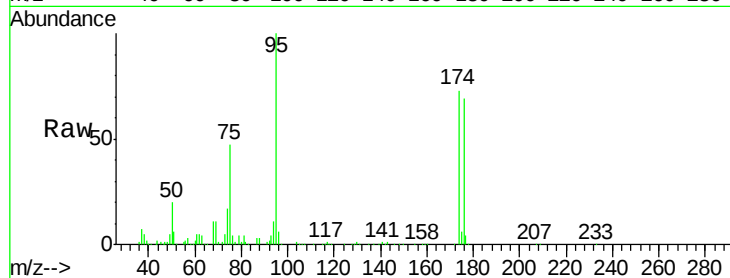
Tot Ion: 95 Resp: 184606

Ion Ratio Lower Upper

95 100

174 73.0 0.0 165.2

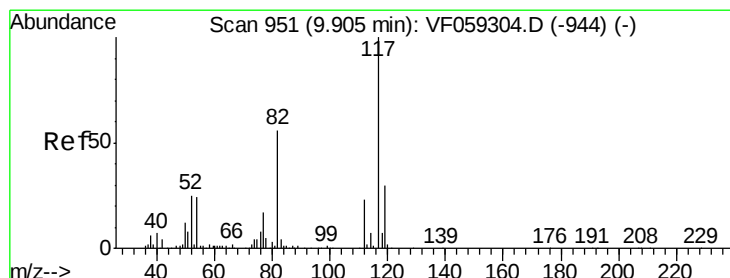
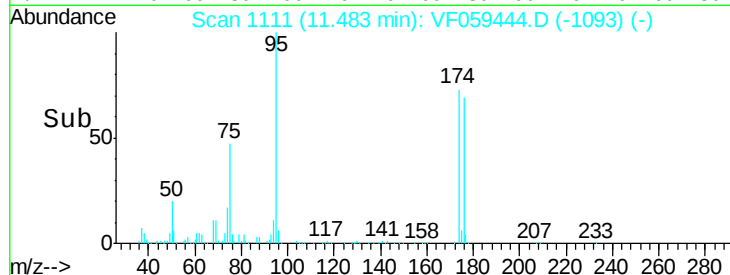
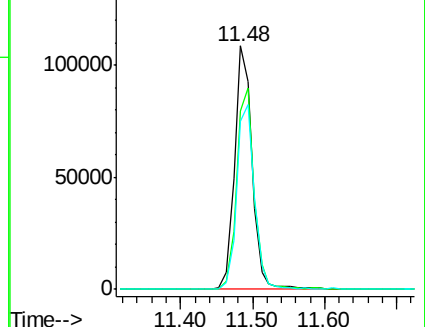
176 69.2 0.0 161.0



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: 50.000 ug/l

RT: 9.89 min Scan# 949

Delta R.T. -0.02 min

Lab File: VF059444.D

Acq: 5 Jul 2018 19:55

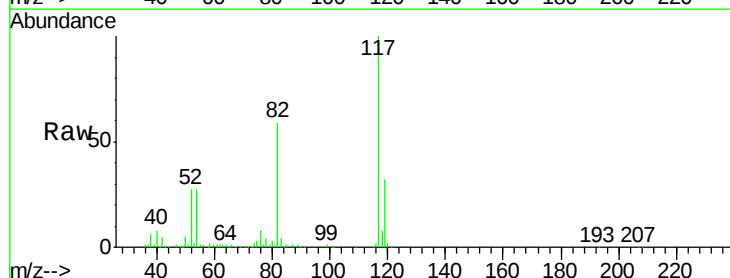
Tgt Ion: 117 Resp: 326814

Ion Ratio Lower Upper

117 100

82 58.9 44.6 66.8

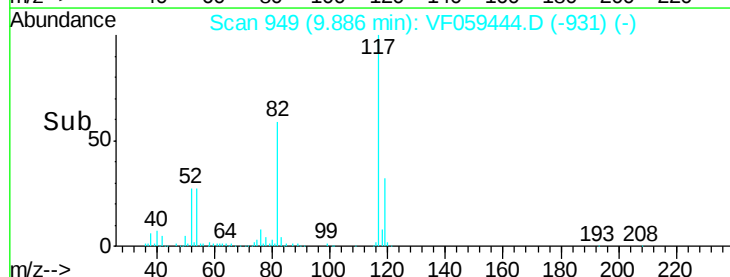
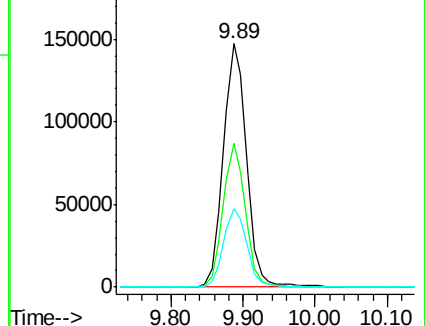
119 32.2 24.1 36.1

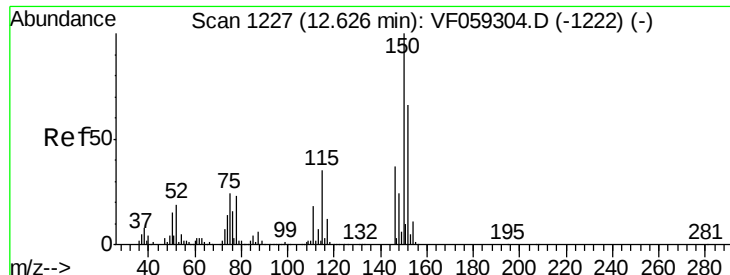


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF059444.D

Acq: 5 Jul 2018 19:55

Instrument :

MSVOA_F

ClientSampleId :

SP-1

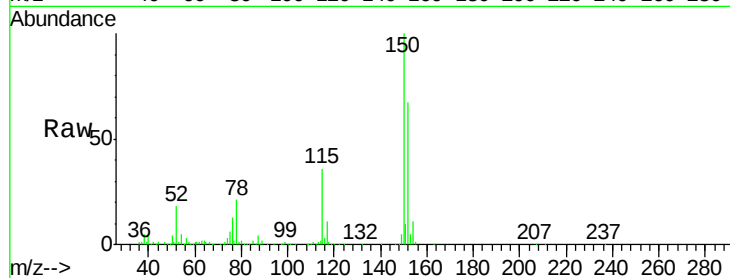
Tot Ion:152 Resp: 203953

Ion Ratio Lower Upper

152 100

115 54.8 27.1 81.3

150 150.3 0.0 305.2



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

