

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081018\
 Data File : VF059944.D
 Acq On : 10 Aug 2018 15:01
 Operator : VA/AP
 Sample : J4388-04RE
 Misc : 5.62g/5mL/MSVOA F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-2BRE

Quant Time: Aug 10 23:38:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 04 07:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	113858	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	168164	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	157491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	100519	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	102040	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
35) Dibromofluoromethane	4.31	113	80181	47.92	ug/l	0.01
Spiked Amount 50.000			Recovery	=	95.84%	
50) Toluene-d8	7.72	98	152533	42.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.70%	
62) 4-Bromofluorobenzene	11.52	95	88018	44.00	ug/l	0.01
Spiked Amount 50.000			Recovery	=	88.00%	

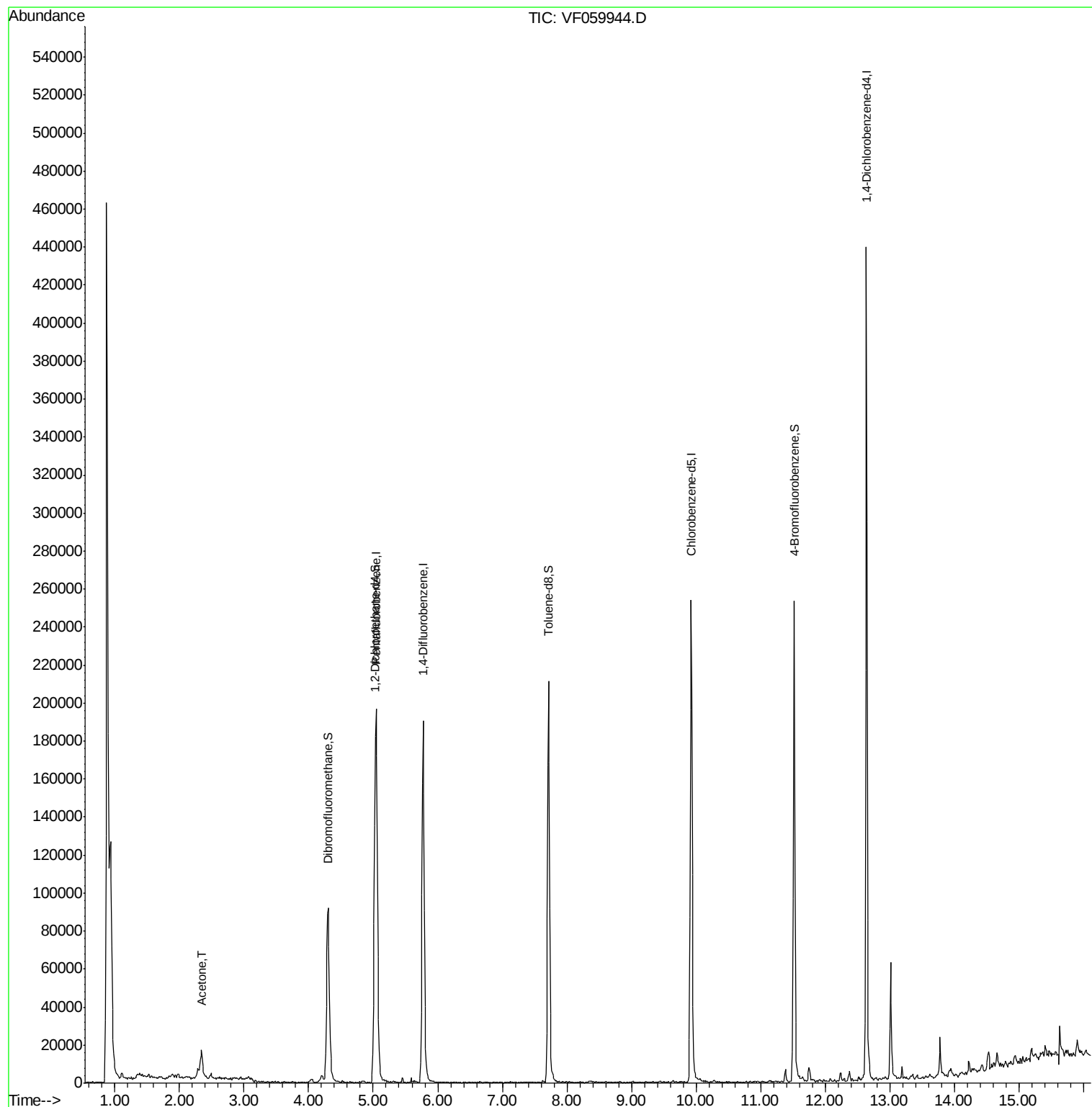
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.34	43	14014	36.98	ug/l	98

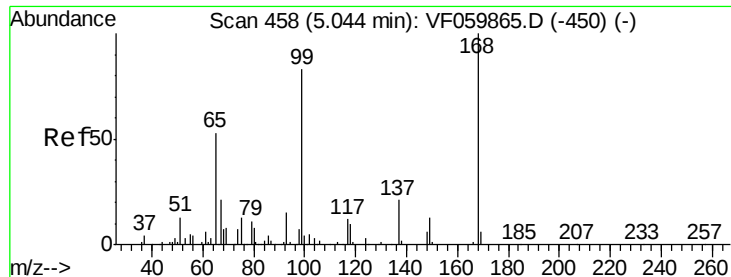
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.01 min

Lab File: VF059944.D

Acq: 10 Aug 2018 15:01

Instrument :

MSVOA_F

ClientSampleId :

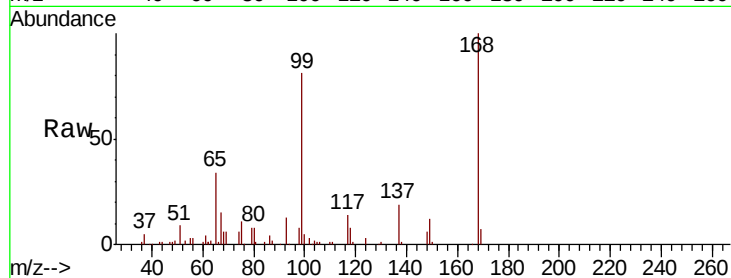
S-2BRE

Tot Ion:168 Resp: 113858

Ion Ratio Lower Upper

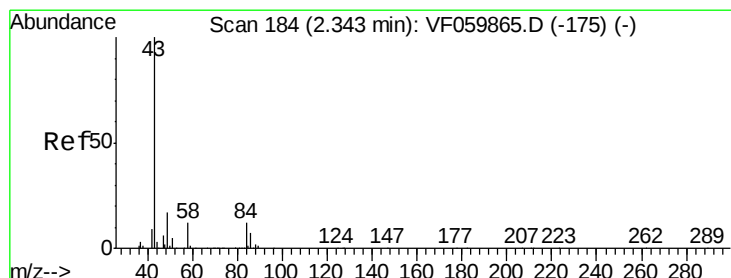
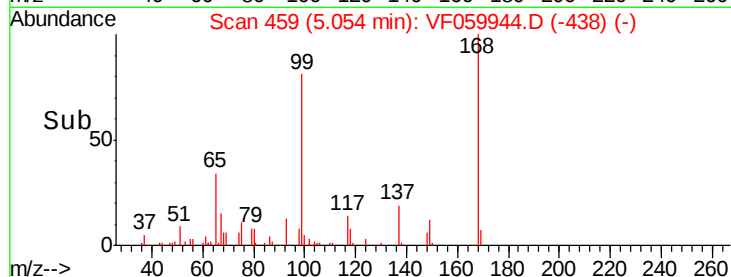
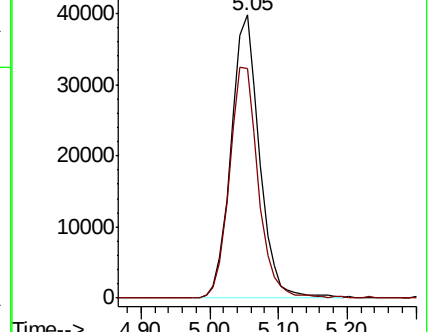
168 100

99 81.3 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 36.98 ug/l

RT: 2.34 min Scan# 184

Delta R.T. 0.00 min

Lab File: VF059944.D

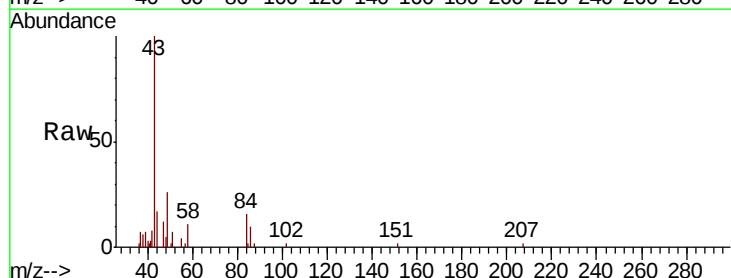
Acq: 10 Aug 2018 15:01

Tgt Ion: 43 Resp: 14014

Ion Ratio Lower Upper

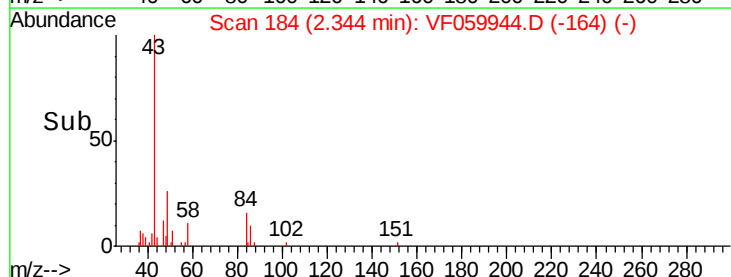
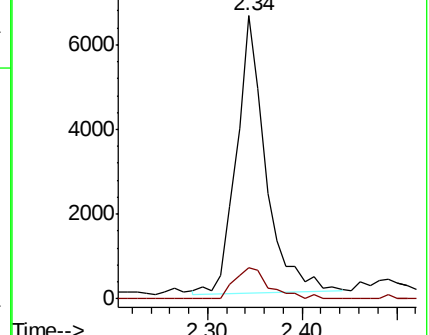
43 100

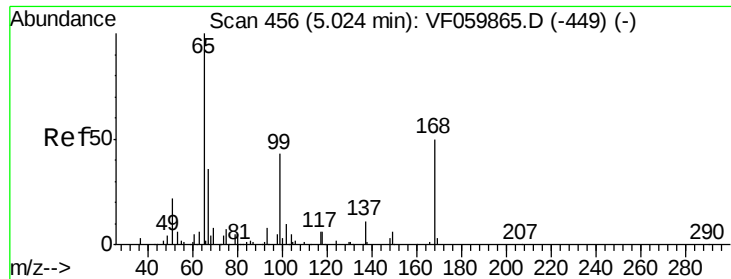
58 11.1 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

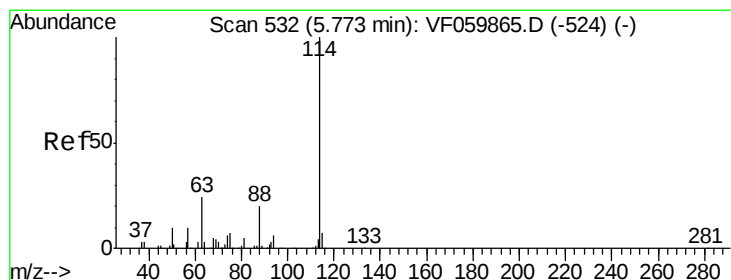
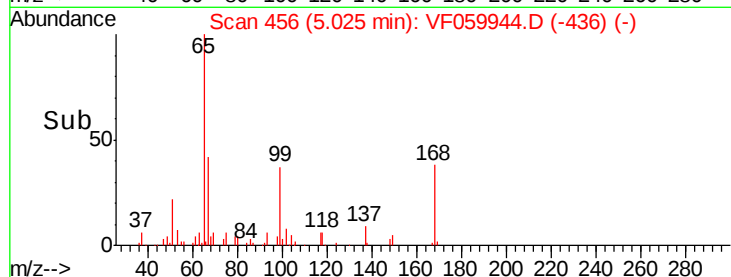
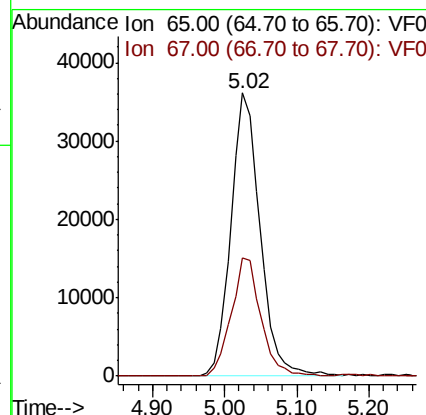
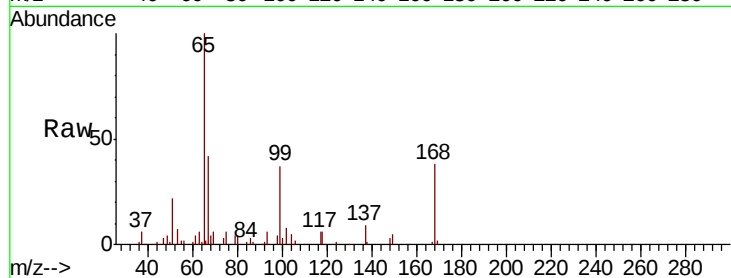




#33
 1,2-Dichloroethane-d4
 Concen: 49.71 ug/l
 RT: 5.02 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: VF059944.D
 Acq: 10 Aug 2018 15:01

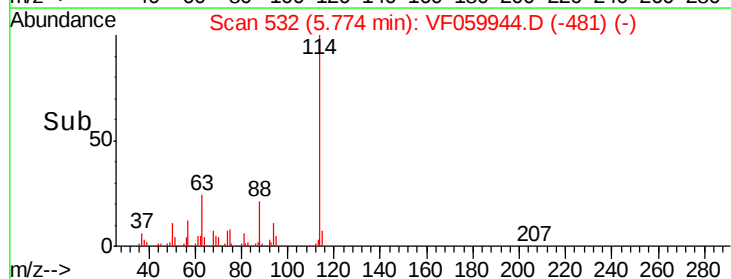
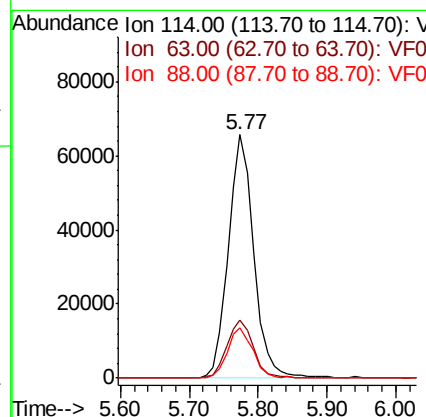
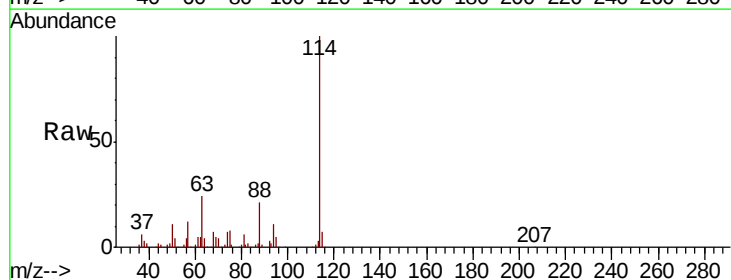
Instrument :
 MSVOA_F
 ClientSampleId :
 S-2BRE

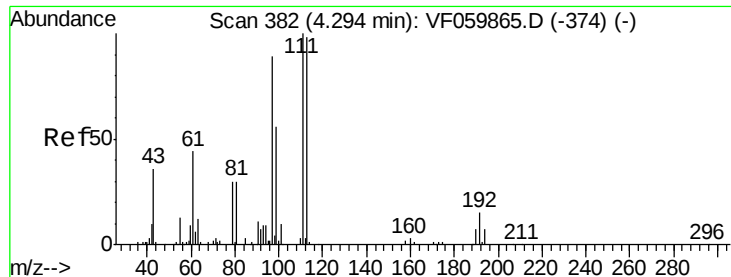
Tot Ion: 65 Resp: 102040
 Ion Ratio Lower Upper
 65 100
 67 41.8 0.0 77.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VF059944.D
 Acq: 10 Aug 2018 15:01

Tgt Ion: 114 Resp: 168164
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 48.0
 88 20.9 0.0 39.4

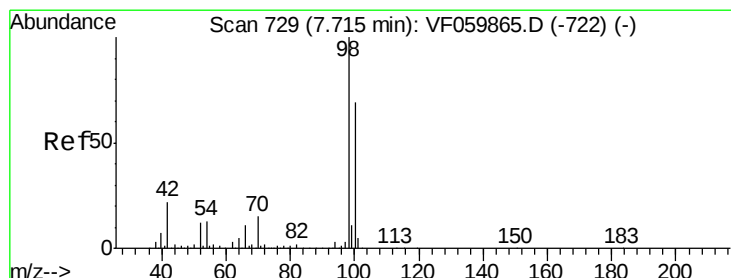
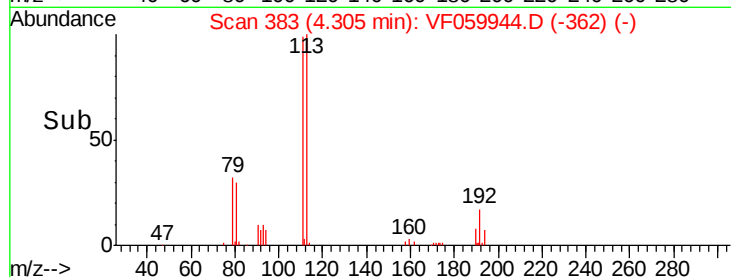
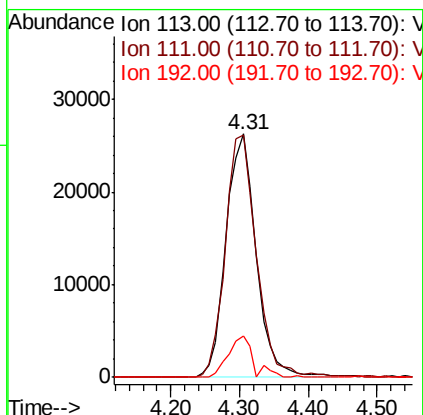
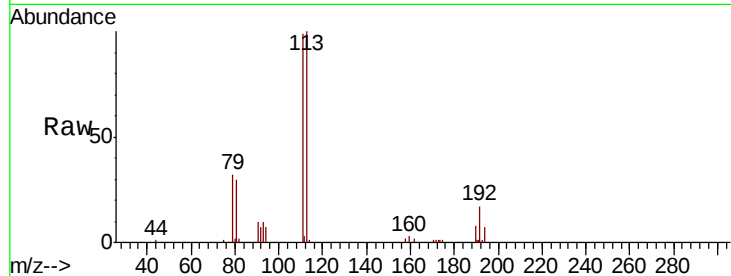




#35
 Dibromofluoromethane
 Concen: 47.92 ug/l
 RT: 4.31 min Scan# 383
 Delta R.T. 0.01 min
 Lab File: VF059944.D
 Acq: 10 Aug 2018 15:01

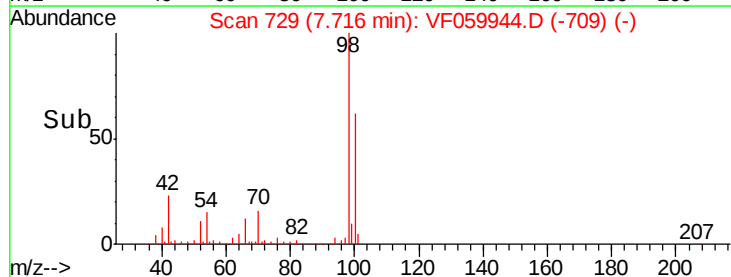
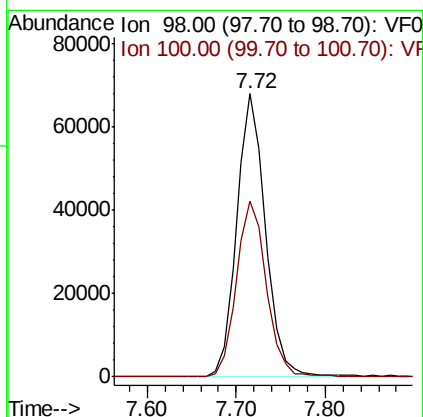
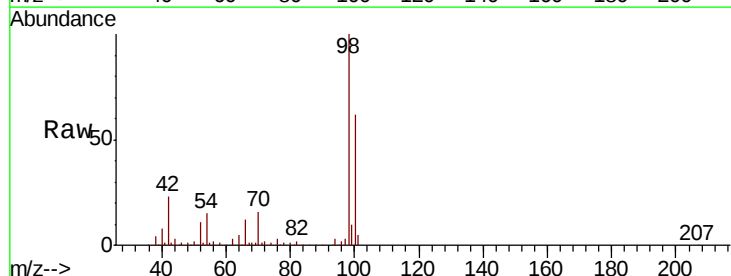
Instrument :
 MSVOA_F
 ClientSampleId :
 S-2BRE

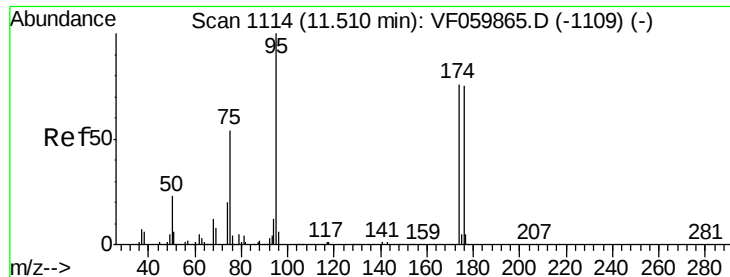
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.4	81.8	122.8
192	17.2	12.4	18.6



#50
 Toluene-d8
 Concen: 42.85 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VF059944.D
 Acq: 10 Aug 2018 15:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.1	55.0	82.6





#62

4-Bromofluorobenzene

Concen: 44.00 ug/l

RT: 11.52 min Scan# 1115

Delta R.T. 0.01 min

Lab File: VF059944.D

Acq: 10 Aug 2018 15:01

Instrument :

MSVOA_F

ClientSampleId :

S-2BRE

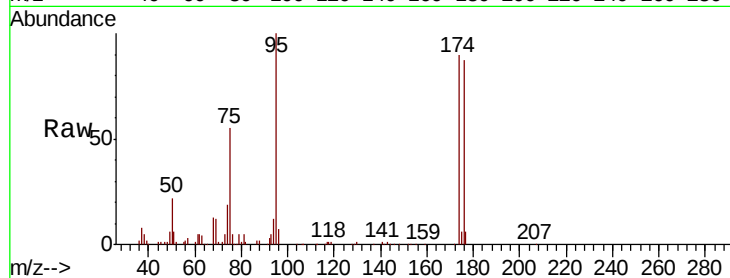
Tot Ion: 95 Resp: 88018

Ion Ratio Lower Upper

95 100

174 90.0 0.0 151.6

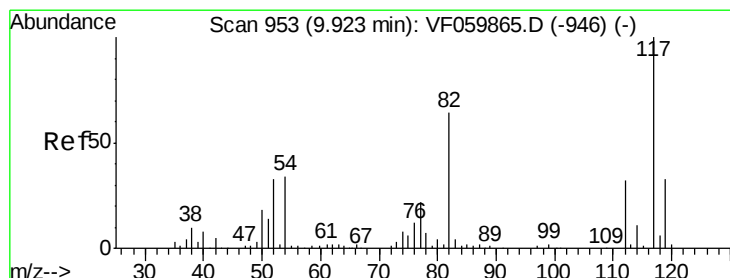
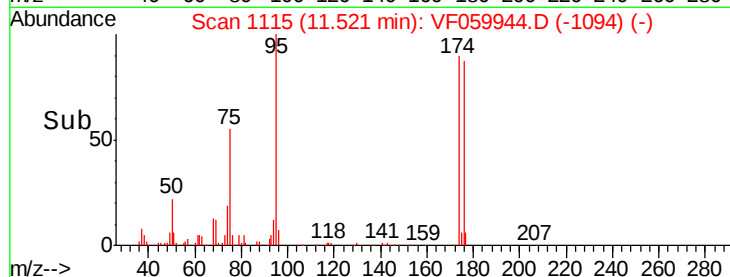
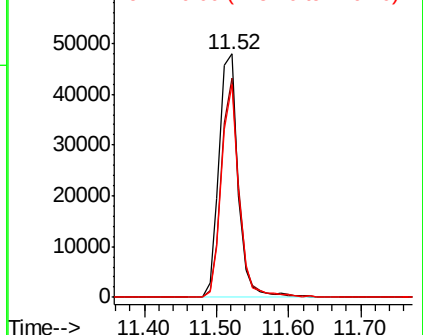
176 87.5 0.0 149.8



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: 9.92 min Scan# 953

Delta R.T. 0.00 min

Lab File: VF059944.D

Acq: 10 Aug 2018 15:01

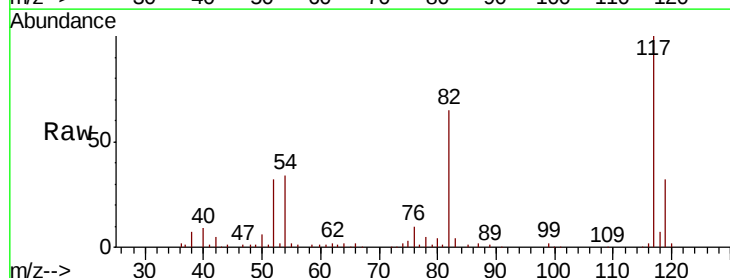
Tgt Ion: 117 Resp: 157491

Ion Ratio Lower Upper

117 100

82 64.6 51.3 76.9

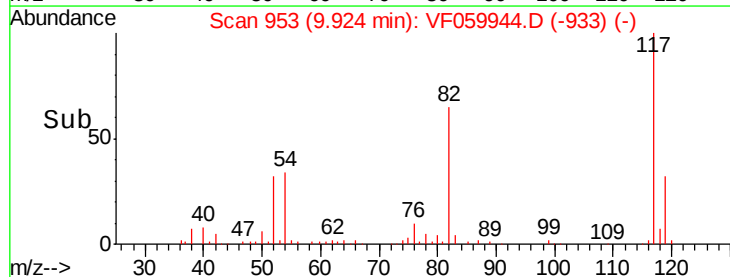
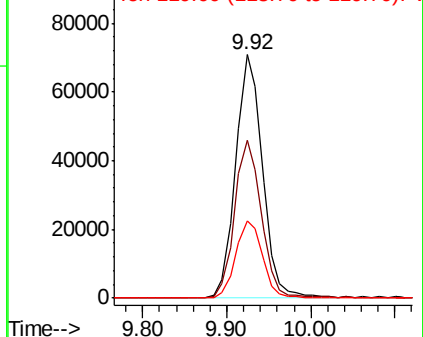
119 31.7 26.4 39.6

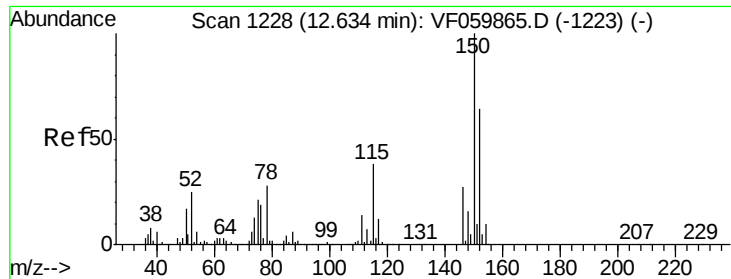


Abundance Ion 117.00 (116.70 to 117.70): V

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. 0.00 min

Lab File: VF059944.D

Acq: 10 Aug 2018 15:01

Instrument :

MSVOA_F

ClientSampleId :

S-2BRE

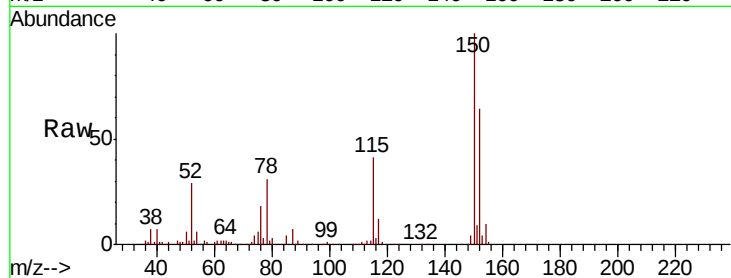
Tot Ion:152 Resp: 100519

Ion Ratio Lower Upper

152 100

115 63.6 29.8 89.4

150 155.5 0.0 315.6



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

