

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081018\
 Data File : VF059946.D
 Acq On : 10 Aug 2018 15:56
 Operator : VA/AP
 Sample : J4388-06RE
 Misc : 6.35g/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-3BRE

Quant Time: Aug 10 23:40:24 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

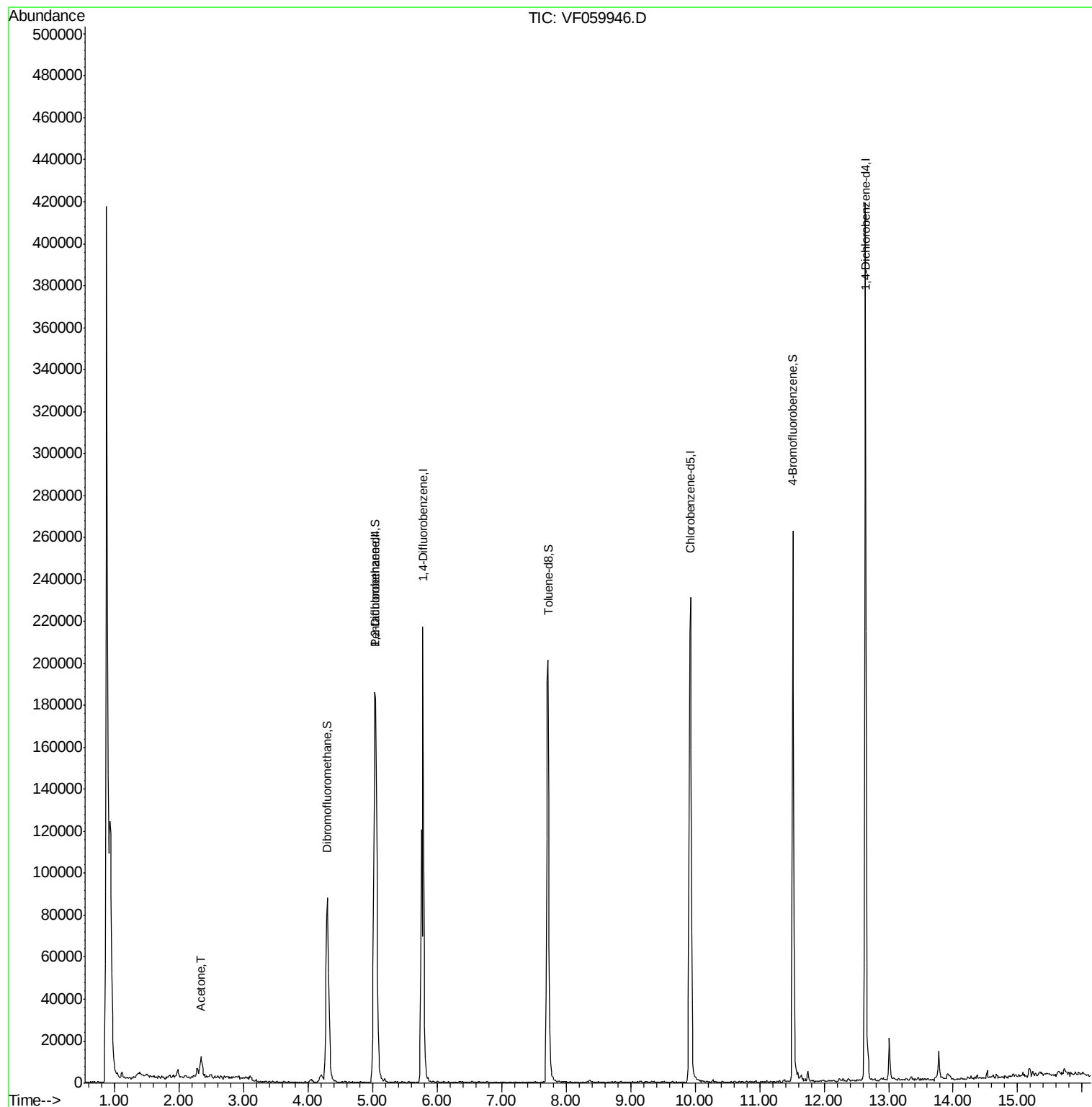
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	116788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	156409	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	147760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	98612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	89412	42.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.94%	
35) Dibromofluoromethane	4.30	113	78599	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
50) Toluene-d8	7.72	98	152729	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
62) 4-Bromofluorobenzene	11.51	95	83277	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.52%	
Target Compounds						
16) Acetone	2.34	43	10029	25.80	ug/l	Qvalue 96

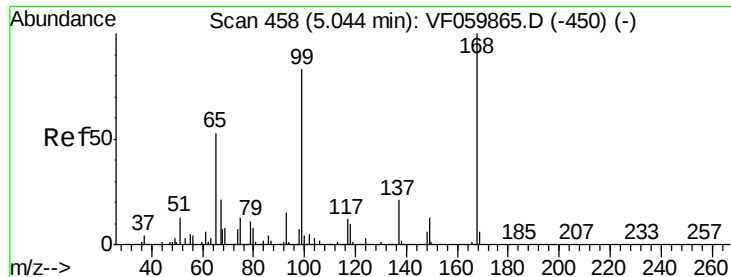
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.00 min

Lab File: VF059946.D

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Instrument :

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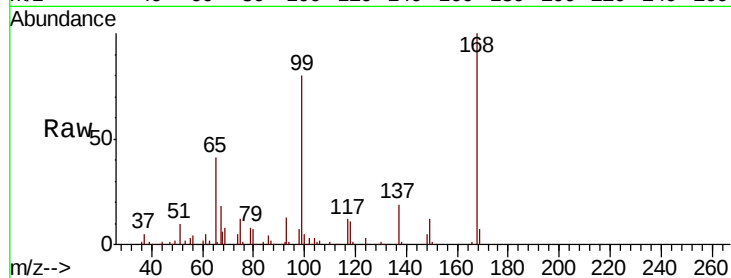
S-3BRE

Tot Ion:168 Resp: 116788

Ion Ratio Lower Upper

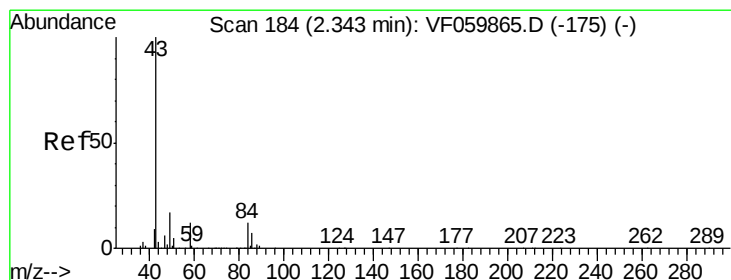
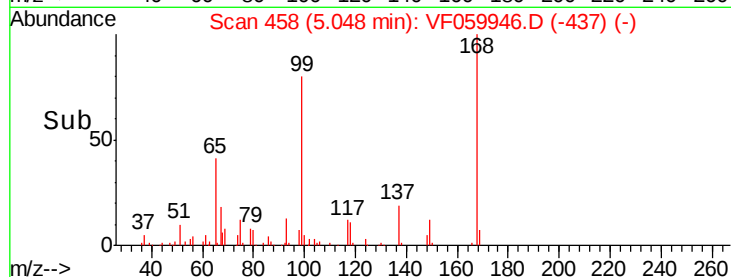
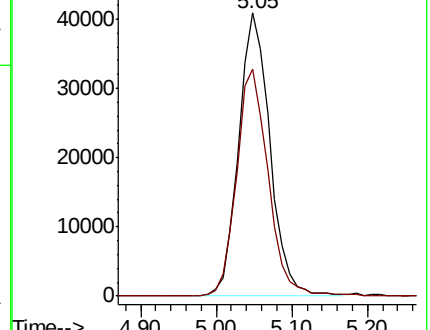
168 100

99 80.0 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: 25.80 ug/l

RT: 2.34 min Scan# 183

Delta R.T. -0.01 min

Lab File: VF059946.D

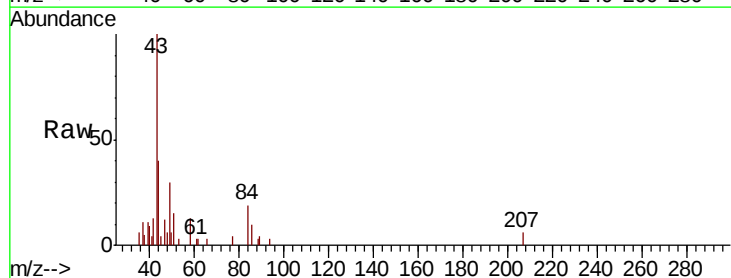
Acq: 10 Aug 2018 15:56

Tgt Ion: 43 Resp: 10029

Ion Ratio Lower Upper

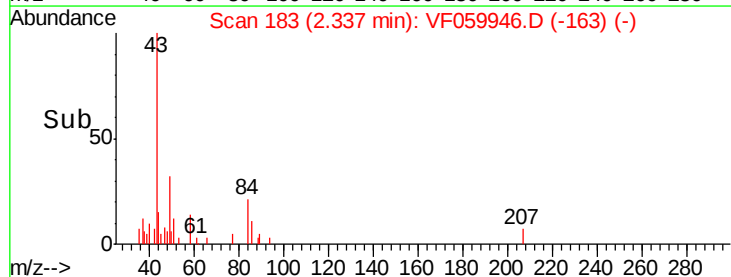
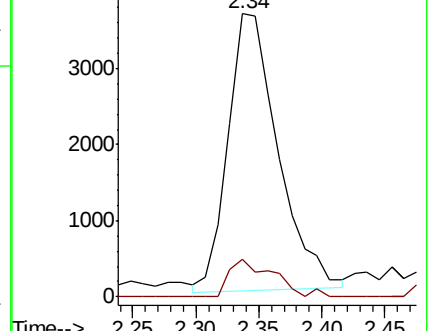
43 100

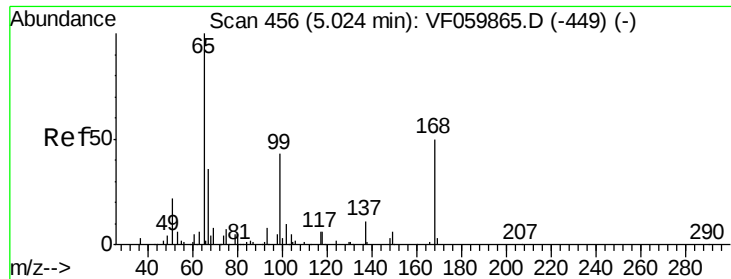
58 13.3 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

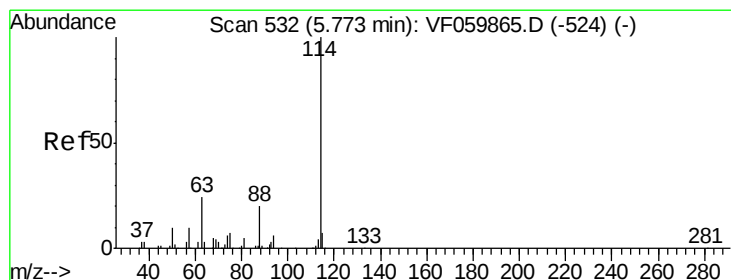
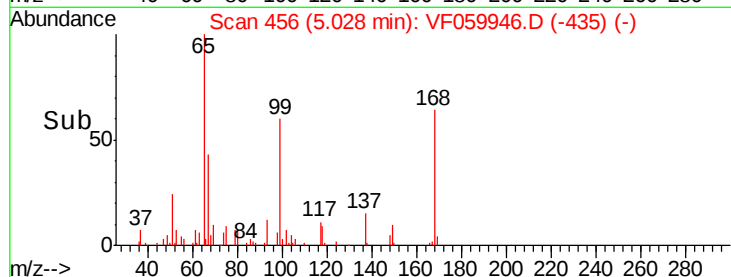
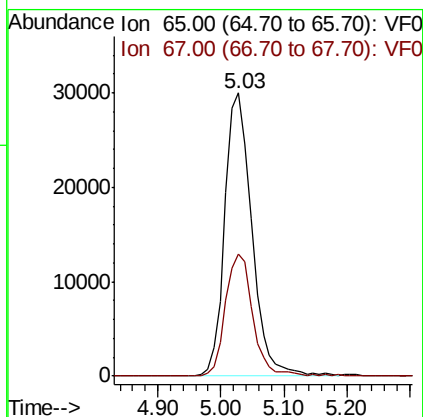
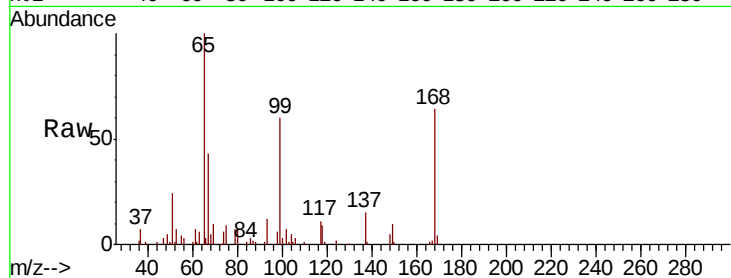




#33
 1,2-Dichloroethane-d4
 Concen: 42.47 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: VF059946.D
 Acq: 10 Aug 2018 15:56

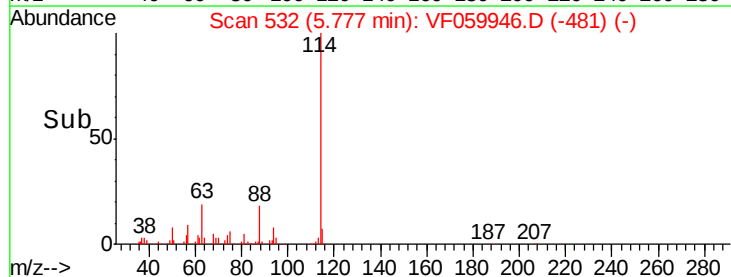
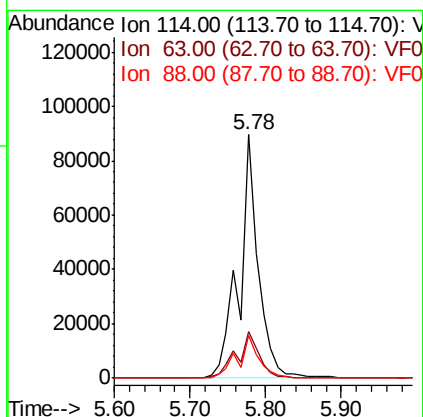
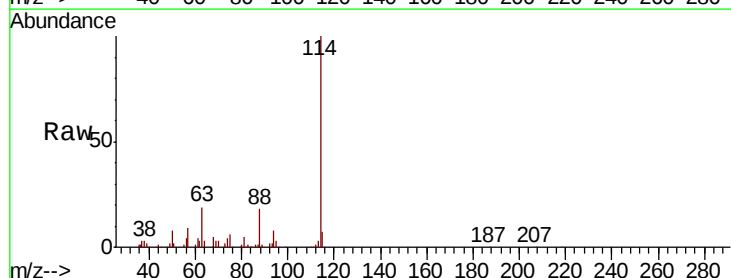
Instrument :
 MSVOA_F
 ClientSampleId :
 S-3BRE

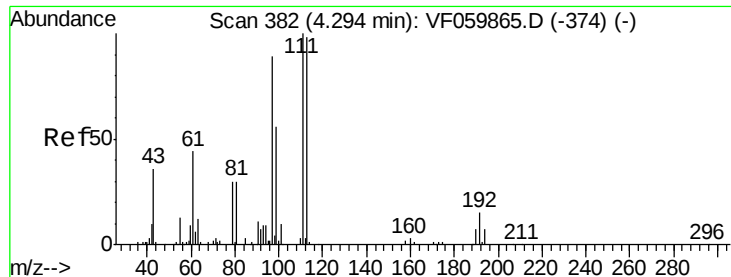
Tot Ion: 65 Resp: 89412
 Ion Ratio Lower Upper
 65 100
 67 42.9 0.0 77.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.78 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VF059946.D
 Acq: 10 Aug 2018 15:56

Tgt Ion: 114 Resp: 156409
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 48.0
 88 17.6 0.0 39.4

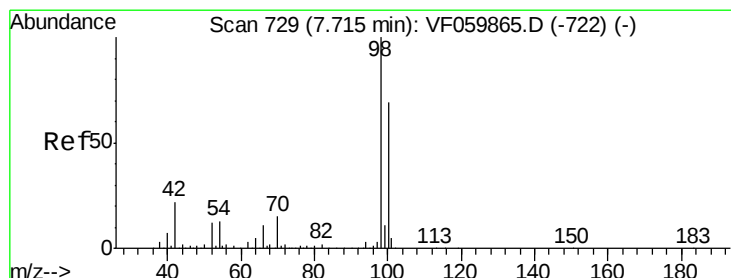
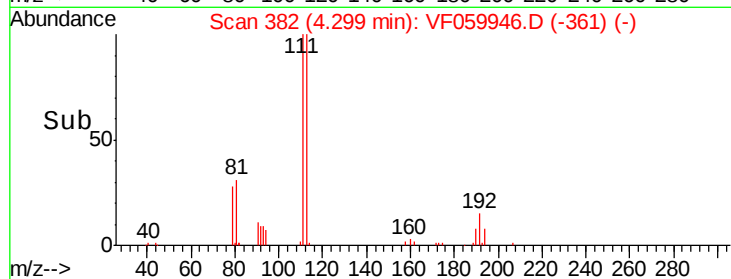
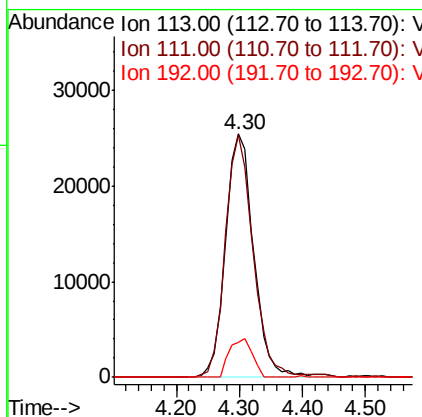
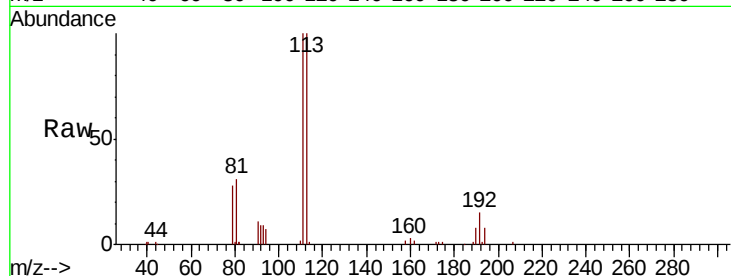




#35
 Dibromofluoromethane
 Concen: 50.51 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VF059946.D
 Acq: 10 Aug 2018 15:56

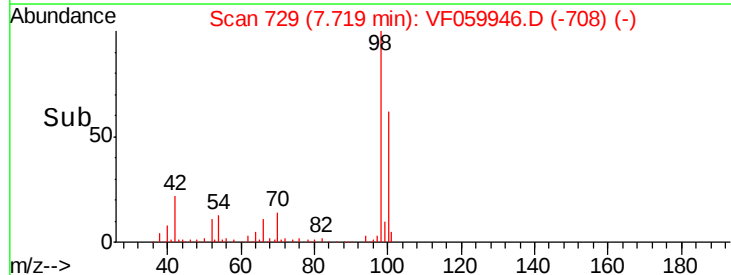
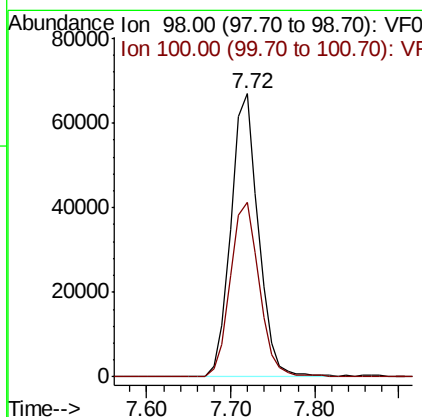
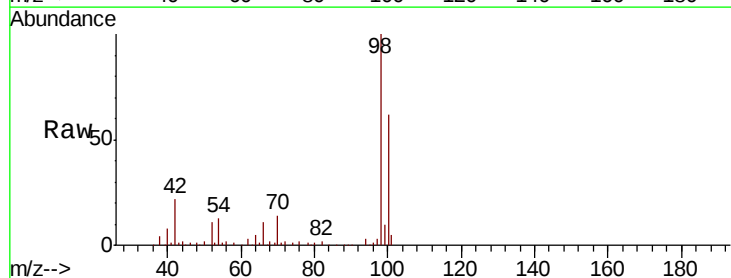
Instrument :
 MSVOA_F
 ClientSampleId :
 S-3BRE

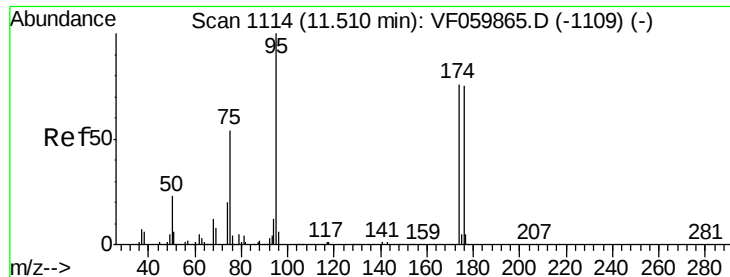
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.7	81.8	122.8
192	14.6	12.4	18.6



#50
 Toluene-d8
 Concen: 46.13 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VF059946.D
 Acq: 10 Aug 2018 15:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	61.9	55.0	82.6





#62

4-Bromofluorobenzene

Concen: 44.76 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059946.D

Acq: 10 Aug 2018 15:56

Instrument :

MSVOA_F

ClientSampleId :

S-3BRE

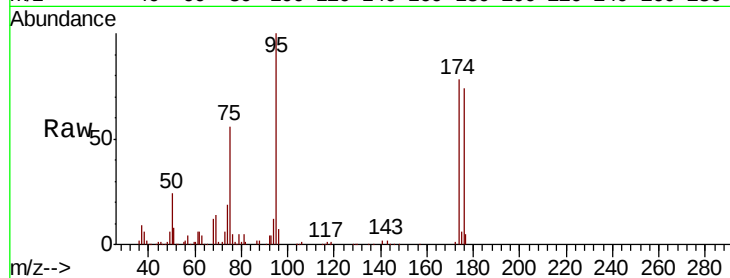
Tot Ion: 95 Resp: 83277

Ion Ratio Lower Upper

95 100

174 77.9 0.0 151.6

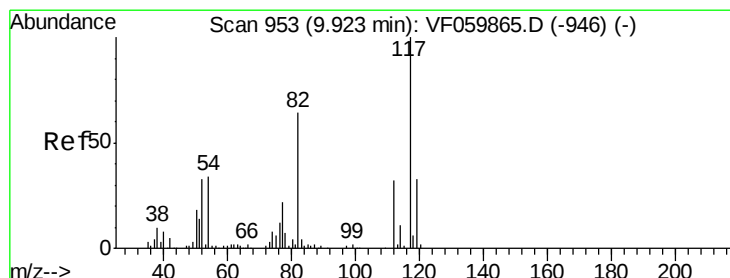
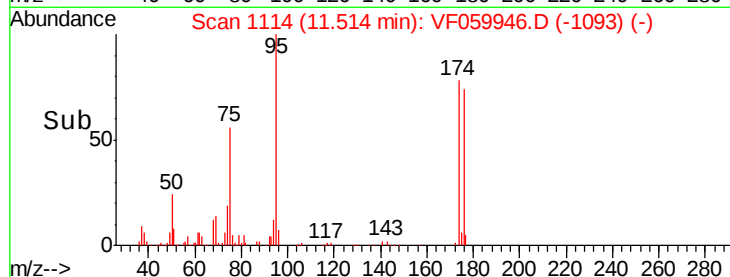
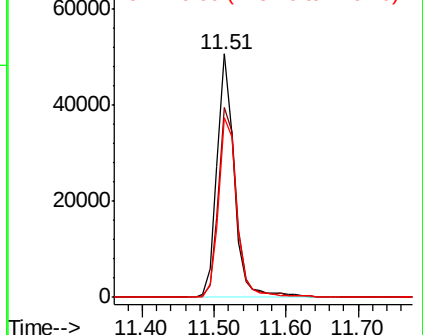
176 73.9 0.0 149.8



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: 9.93 min Scan# 953

Delta R.T. 0.00 min

Lab File: VF059946.D

Acq: 10 Aug 2018 15:56

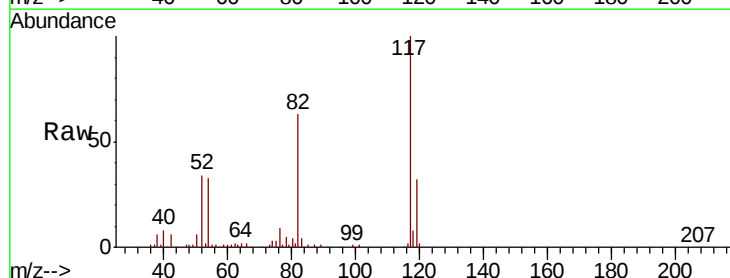
Tgt Ion: 117 Resp: 147760

Ion Ratio Lower Upper

117 100

82 63.1 51.3 76.9

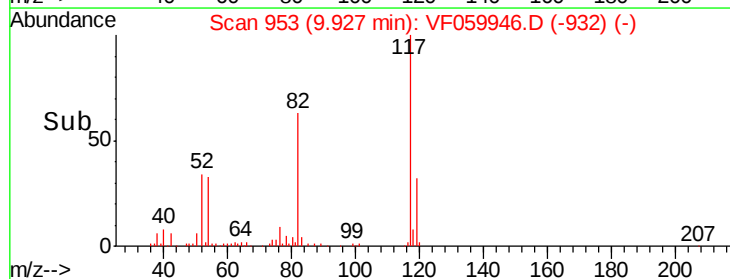
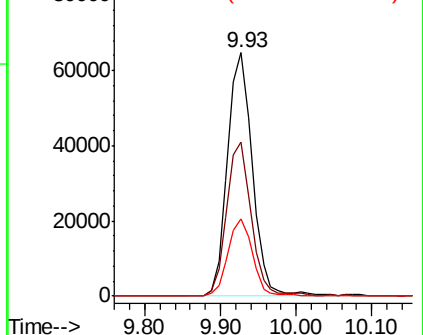
119 31.5 26.4 39.6

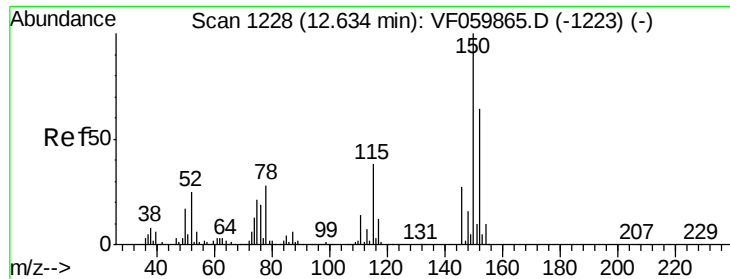


Abundance Ion 117.00 (116.70 to 117.70): V

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: 12.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VF059946.D

Acq: 10 Aug 2018 15:56

Instrument :

MSVOA_F

ClientSampleId :

S-3BRE

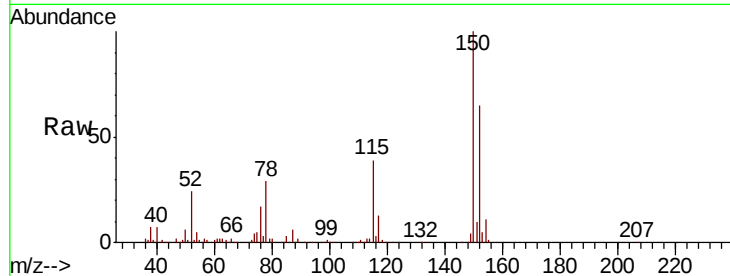
Tot Ion:152 Resp: 98612

Ion Ratio Lower Upper

152 100

115 60.0 29.8 89.4

150 154.3 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

