

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080618\
 Data File : VF059901.D
 Acq On : 7 Aug 2018 3:03
 Operator : VA/AP
 Sample : J4283-01
 Misc : 6.01g/5mL/MSVOA F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TR-04-080318

Quant Time: Aug 07 04:43:39 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	161741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	232152	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	217085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	134513	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	135455	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
35) Dibromofluoromethane	4.30	113	109017	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
50) Toluene-d8	7.72	98	186218	37.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.78%	
62) 4-Bromofluorobenzene	11.52	95	99582	36.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.12%	

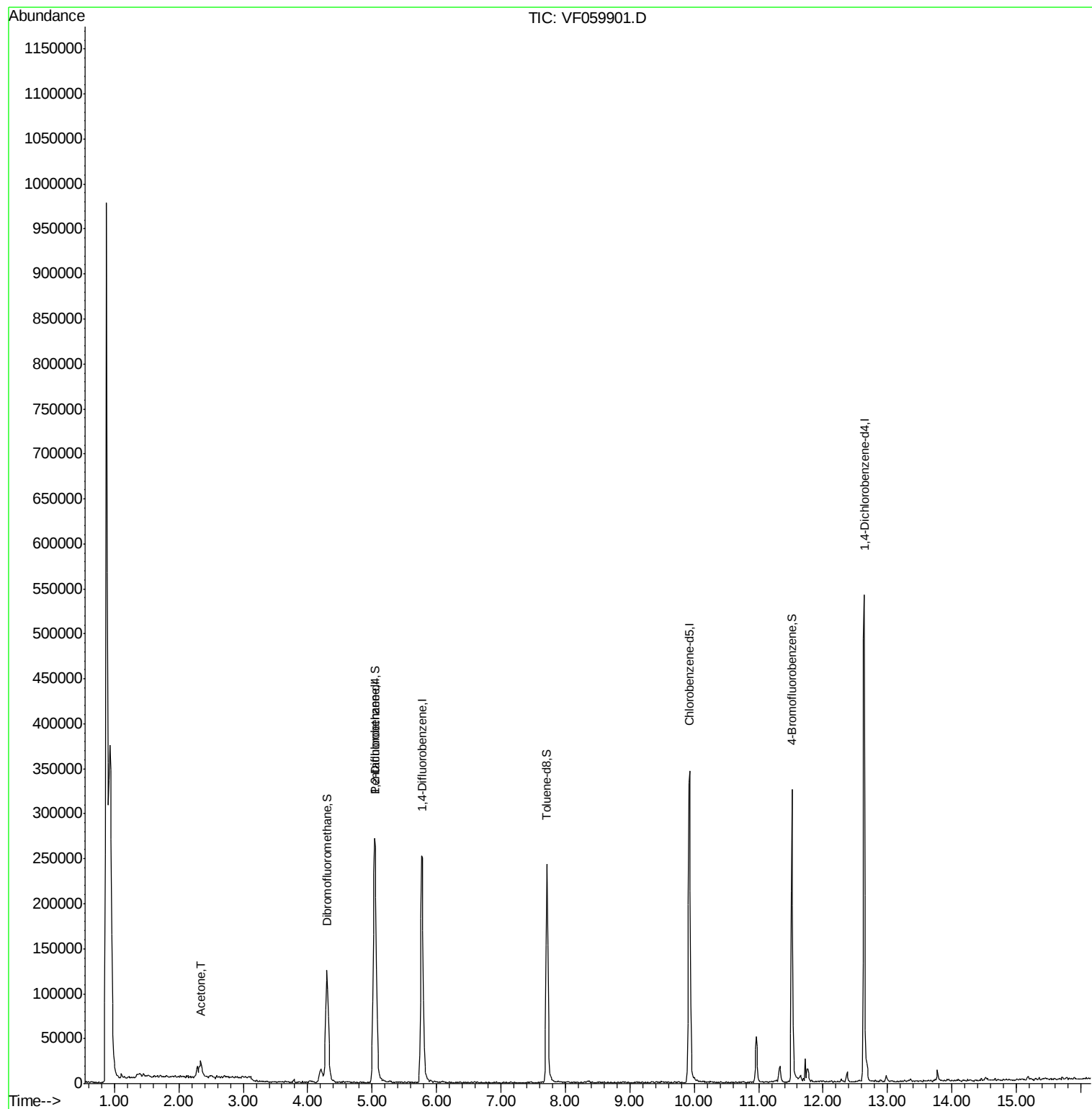
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.34	43	9447	17.55	ug/l	# 73

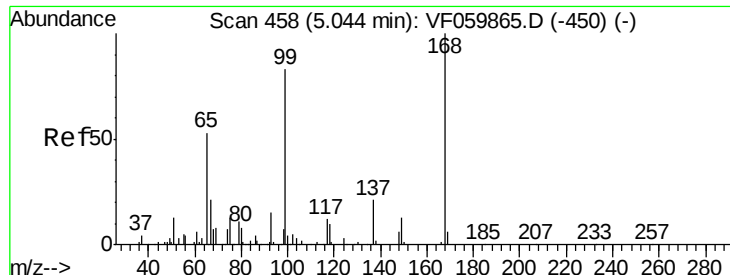
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. 0.01 min

Lab File: VF059901.D

Acq: 7 Aug 2018 3:03

Instrument :

MSVOA_F

ClientSampleId :

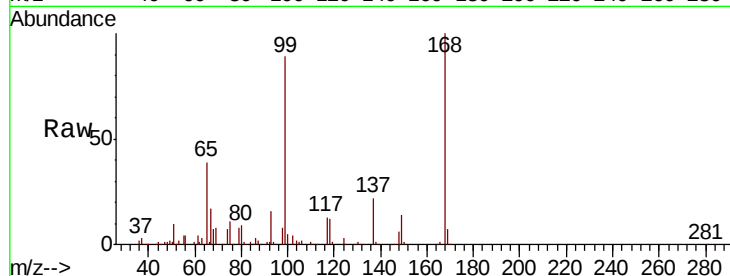
TR-04-080318

Tot Ion:168 Resp: 161741

Ion Ratio Lower Upper

168 100

99 88.9 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

60000

50000

40000

30000

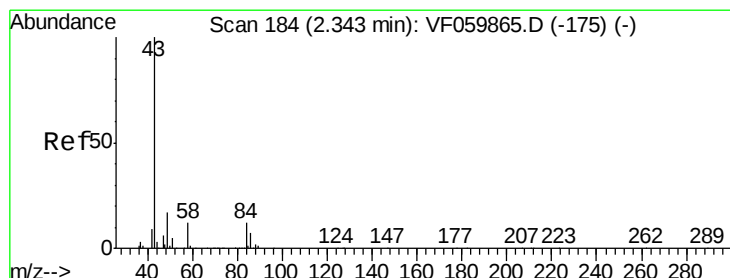
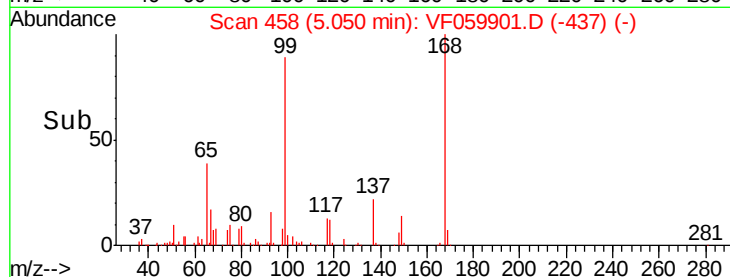
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 17.55 ug/l

RT: 2.34 min Scan# 183

Delta R.T. -0.00 min

Lab File: VF059901.D

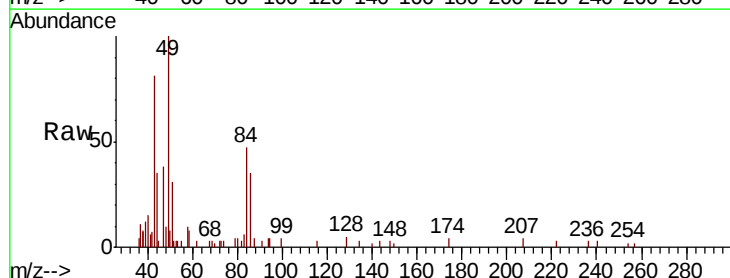
Acq: 7 Aug 2018 3:03

Tgt Ion: 43 Resp: 9447

Ion Ratio Lower Upper

43 100

58 22.1 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.34

4000

3000

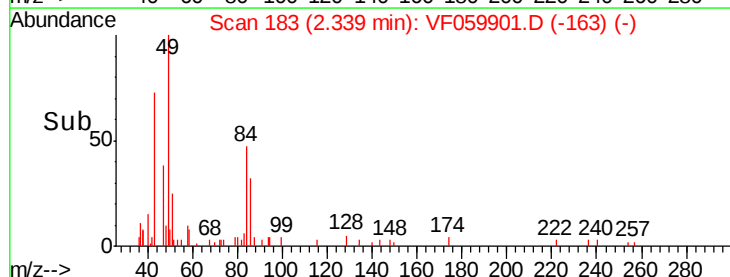
2000

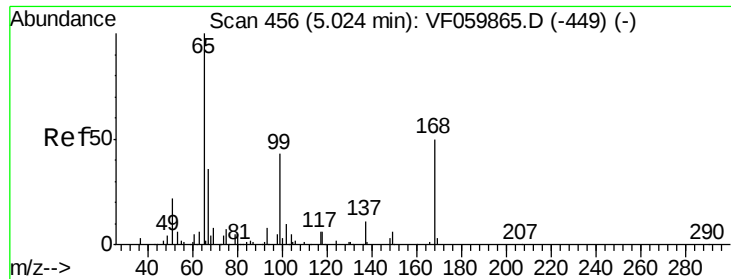
1000

0

Time-->

2.25 2.30 2.35 2.40 2.45

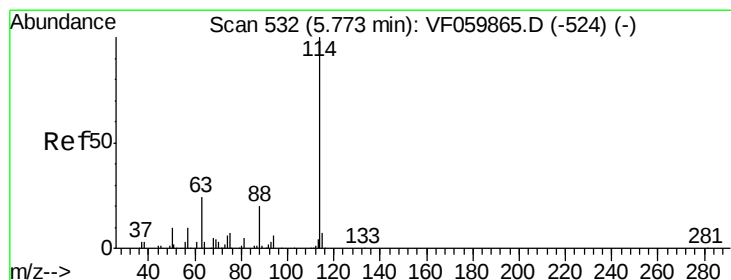
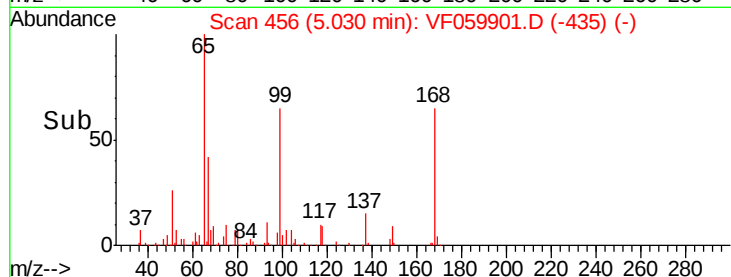
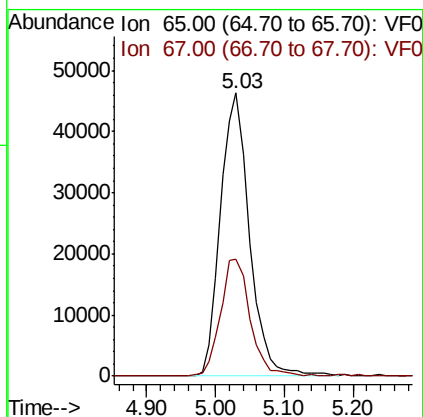
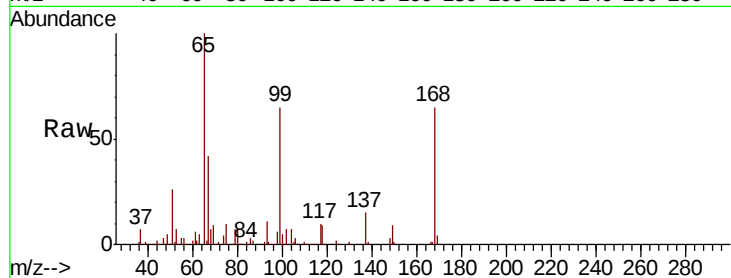




#33
 1,2-Dichloroethane-d4
 Concen: 46.45 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. 0.01 min
 Lab File: VF059901.D
 Acq: 7 Aug 2018 3:03

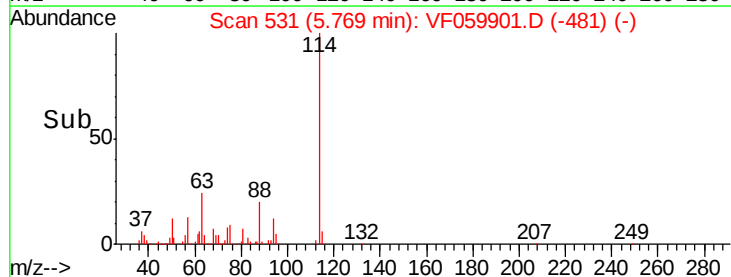
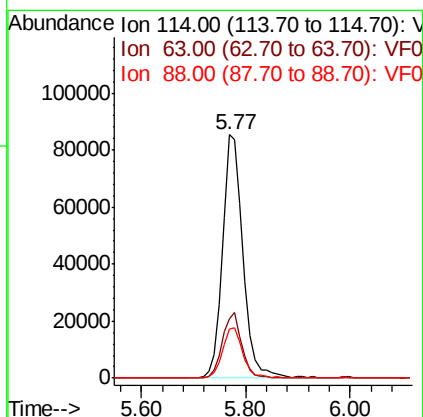
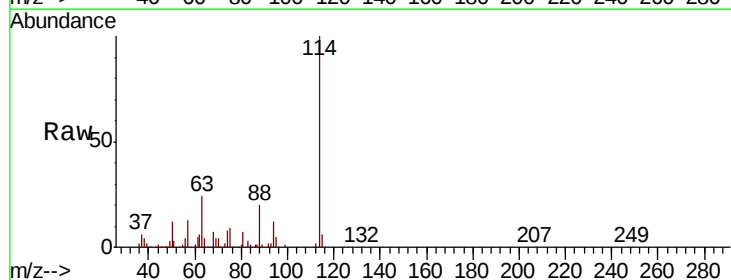
Instrument :
 MSVOA_F
 ClientSampleId :
 TR-04-080318

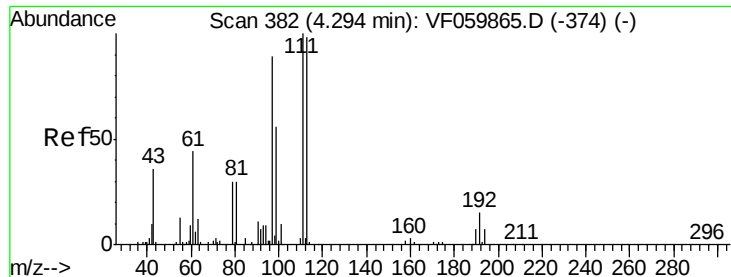
Tot Ion: 65 Resp: 135455
 Ion Ratio Lower Upper
 65 100
 67 41.5 0.0 77.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VF059901.D
 Acq: 7 Aug 2018 3:03

Tgt Ion: 114 Resp: 232152
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 48.0
 88 20.1 0.0 39.4





#35

Dibromofluoromethane

Concen: 47.20 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.01 min

Lab File: VF059901.D

Acq: 7 Aug 2018 3:03

Instrument :

MSVOA_F

ClientSampleId :

TR-04-080318

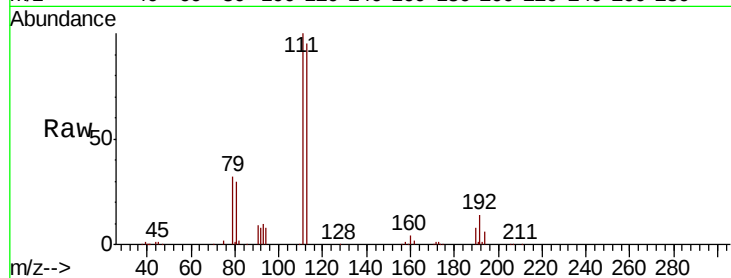
Tot Ion:113 Resp: 109017

Ion Ratio Lower Upper

113 100

111 105.5 81.8 122.8

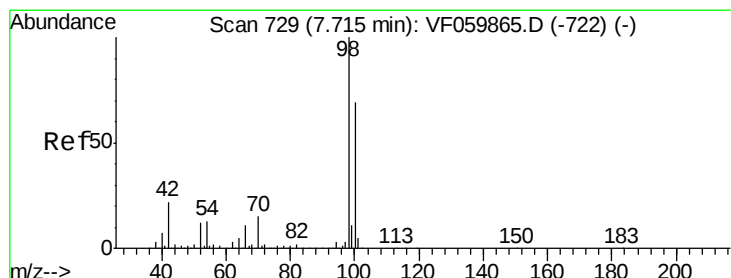
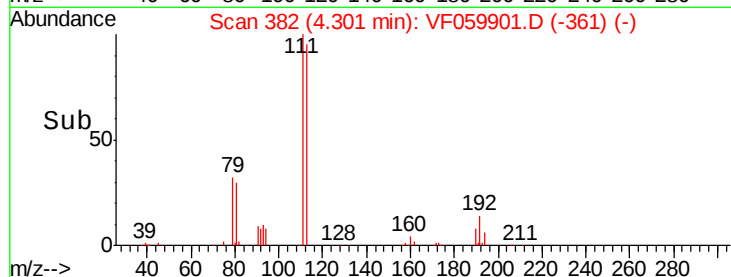
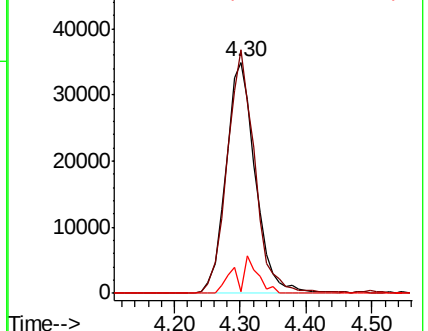
192 0.6 12.4 18.6#



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#50

Toluene-d8

Concen: 37.89 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.01 min

Lab File: VF059901.D

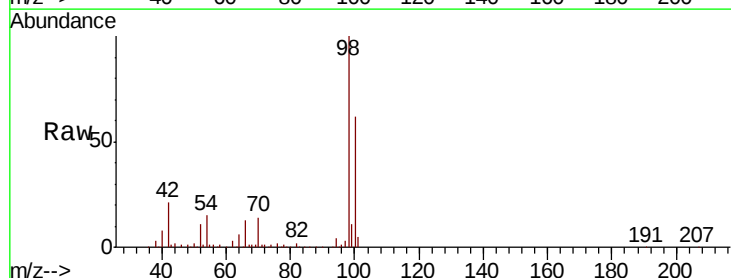
Acq: 7 Aug 2018 3:03

Tgt Ion: 98 Resp: 186218

Ion Ratio Lower Upper

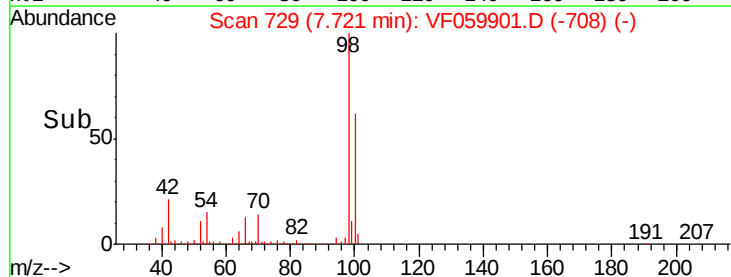
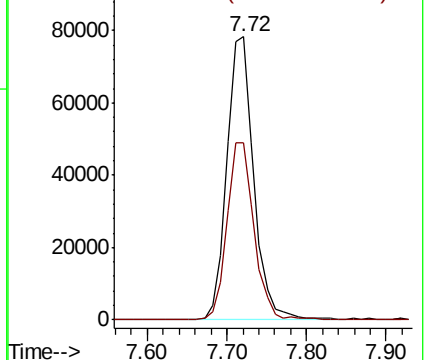
98 100

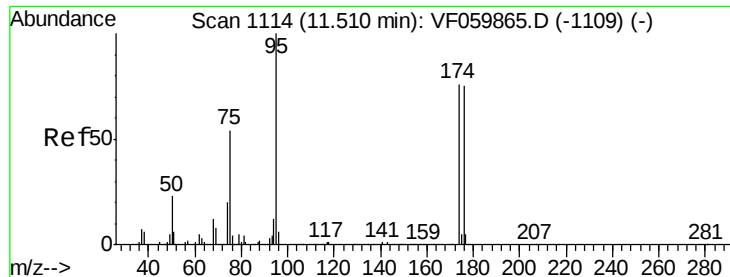
100 62.4 55.0 82.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 36.06 ug/l

RT: 11.52 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VF059901.D

Acq: 7 Aug 2018 3:03

Instrument :

MSVOA_F

ClientSampleId :

TR-04-080318

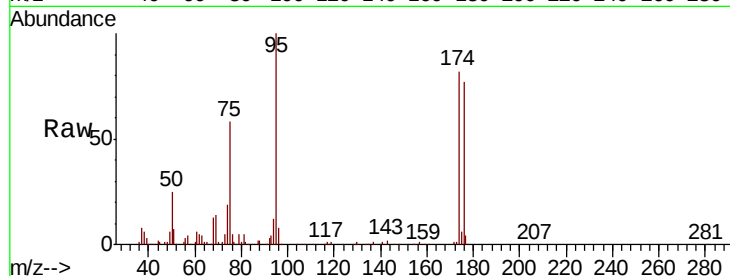
Tot Ion: 95 Resp: 99582

Ion Ratio Lower Upper

95 100

174 82.3 0.0 151.6

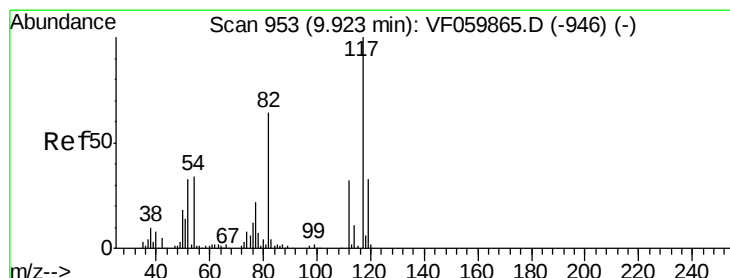
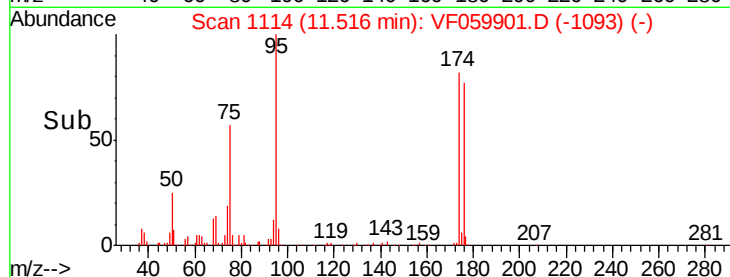
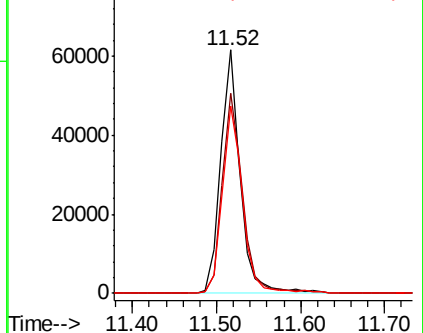
176 77.0 0.0 149.8



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: 9.93 min Scan# 953

Delta R.T. 0.01 min

Lab File: VF059901.D

Acq: 7 Aug 2018 3:03

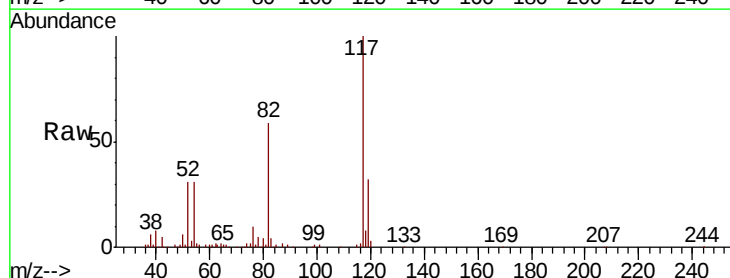
Tgt Ion: 117 Resp: 217085

Ion Ratio Lower Upper

117 100

82 58.6 51.3 76.9

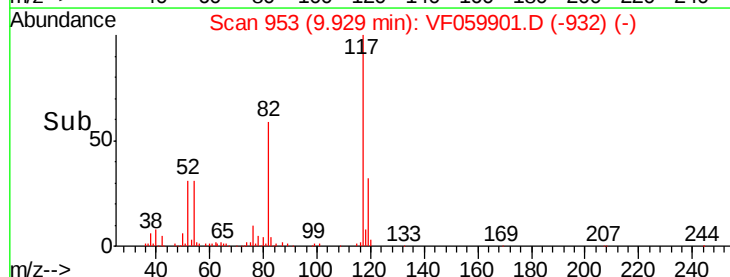
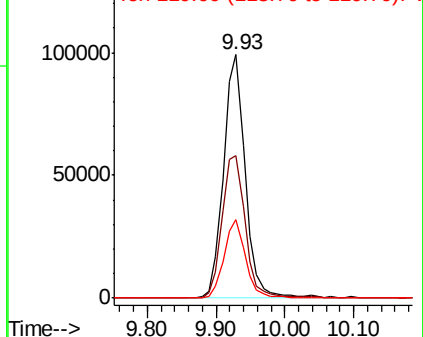
119 32.2 26.4 39.6

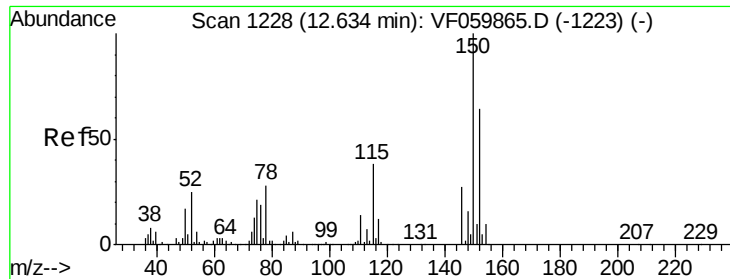


Abundance Ion 117.00 (116.70 to 117.70): VF0

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: 12.64 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VF059901.D

Acq: 7 Aug 2018 3:03

Instrument :

MSVOA_F

ClientSampleId :

TR-04-080318

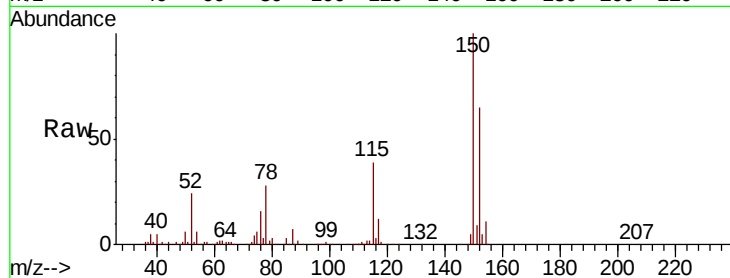
Tot Ion:152 Resp: 134513

Ion Ratio Lower Upper

152 100

115 59.5 29.8 89.4

150 154.2 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

