

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070318\
 Data File : VF059414.D
 Acq On : 3 Jul 2018 16:12
 Operator : VA/AP
 Sample : J3243-05RE
 Misc : 5.23g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-08-062918RE

Quant Time: Jul 05 12:14:51 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

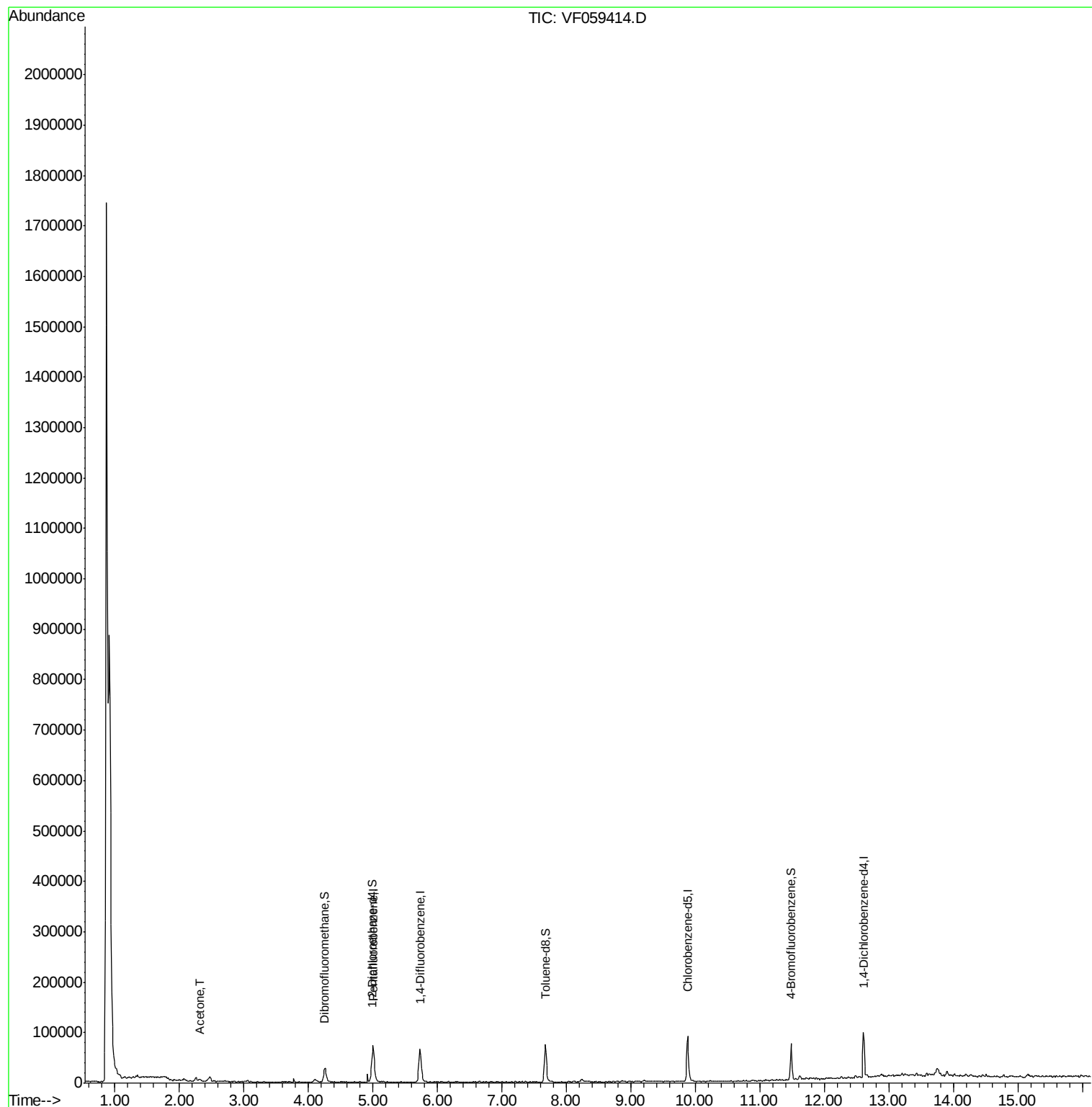
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.00	168	52915	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.73	114	71183	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.88	117	60446	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.60	152	21963	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.98	65	19612	28.69	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	57.38%	
35) Dibromofluoromethane	4.26	113	25458	48.95	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.90%	
50) Toluene-d8	7.68	98	63538	49.34	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.48	95	25896	35.65	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	71.30%	
Target Compounds						
16) Acetone	2.31	43	6599	29.660	ug/l	Qvalue 94

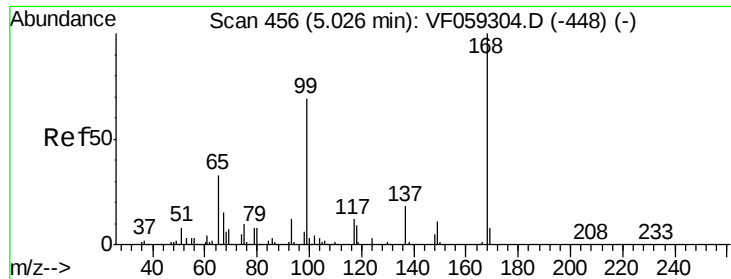
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.02 min

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Acq: 3 Jul 2018 16:12

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ClientSampleId :

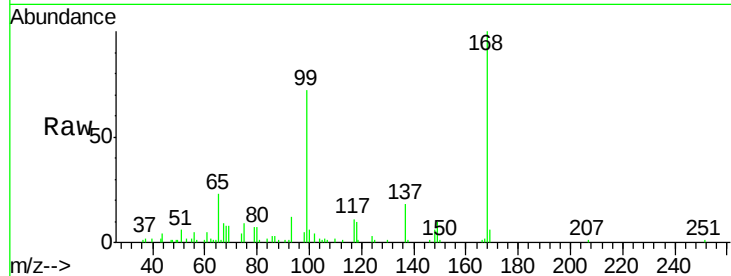
NB-08-062918RE

Tot Ion:168 Resp: 52915

Ion Ratio Lower Upper

168 100

99 72.2 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

20000

15000

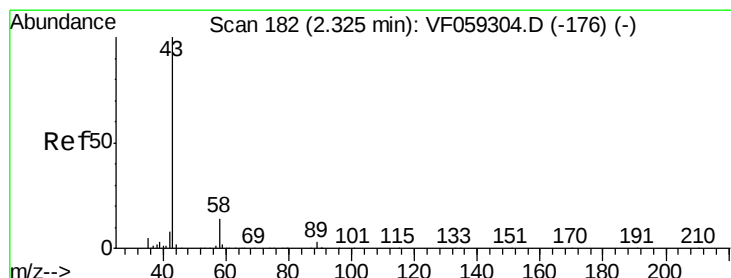
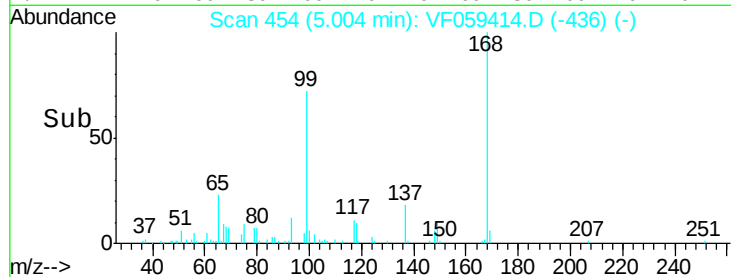
10000

5000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 29.660 ug/l

RT: 2.31 min Scan# 181

Delta R.T. -0.01 min

Lab File: VF059414.D

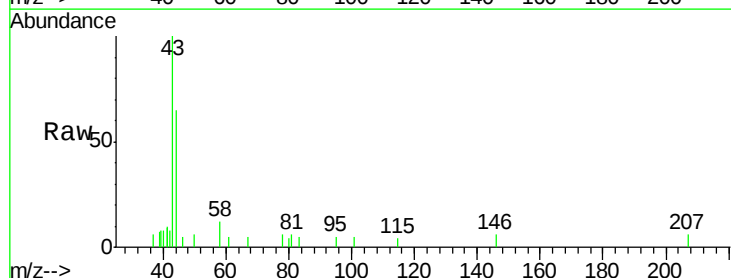
Acq: 3 Jul 2018 16:12

Tgt Ion: 43 Resp: 6599

Ion Ratio Lower Upper

43 100

58 11.8 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

3000

2500

2000

1500

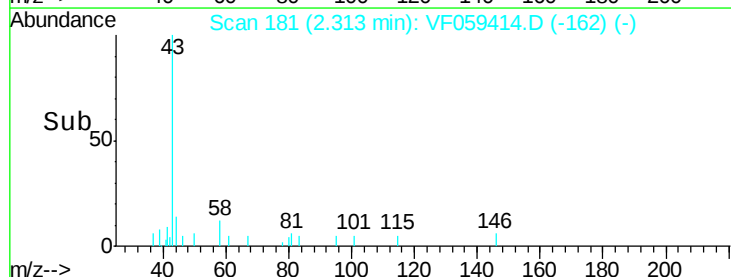
1000

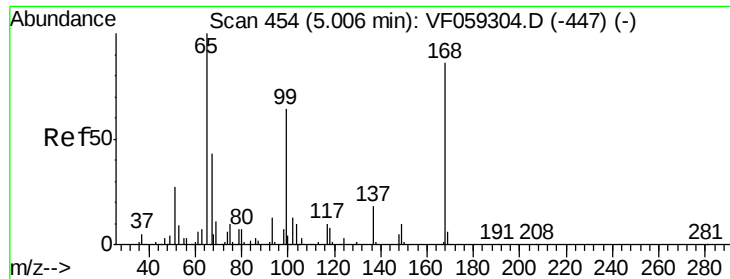
500

0

2.25 2.30 2.35

Time-->

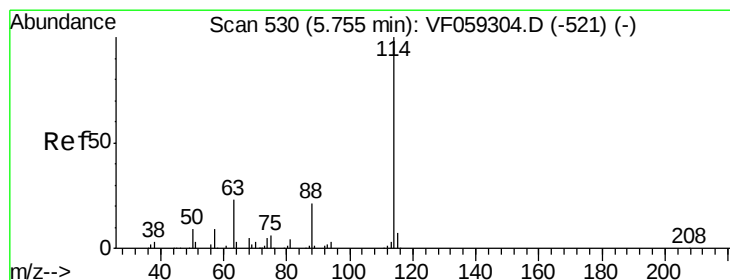
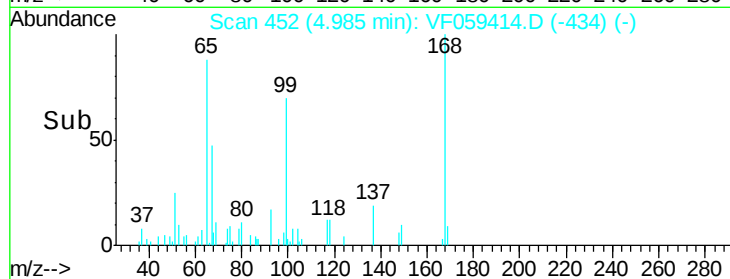
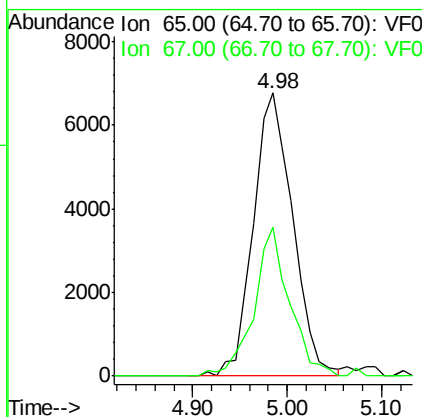
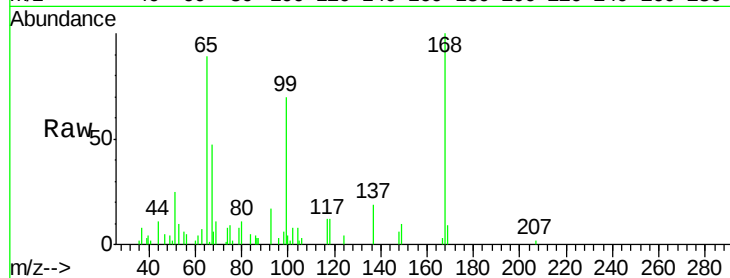




#33
 1,2-Dichloroethane-d4
 Concen: 28.687 ug/l
 RT: 4.98 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: VF059414.D
 Acq: 3 Jul 2018 16:12

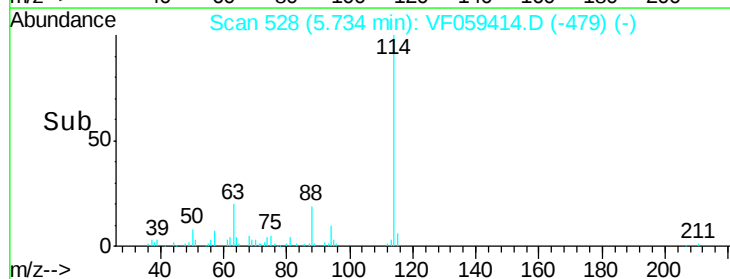
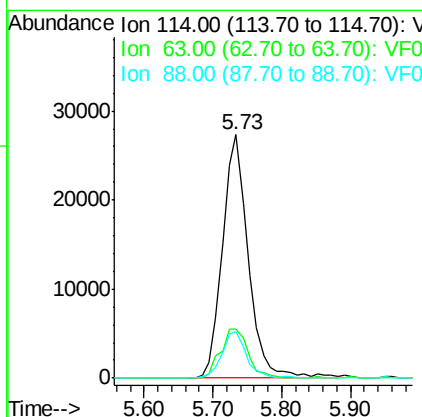
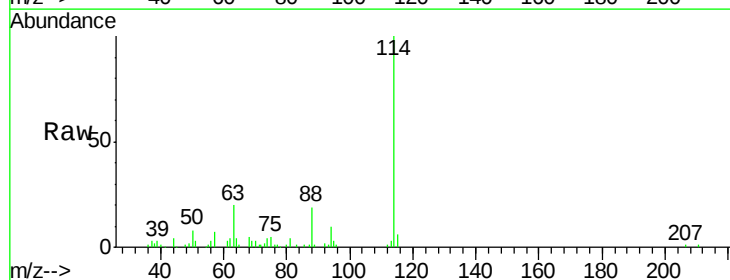
Instrument :
 MSVOA_F
 ClientSampleId :
 NB-08-062918RE

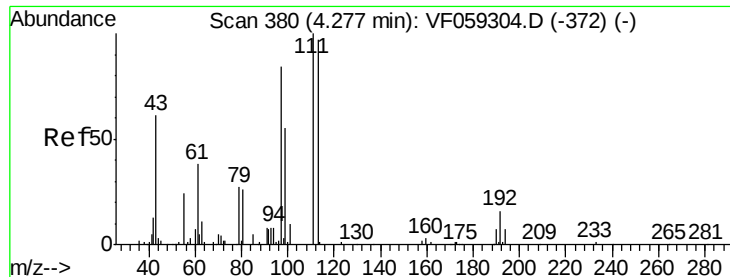
Tot Ion: 65 Resp: 19612
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 96.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.73 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: VF059414.D
 Acq: 3 Jul 2018 16:12

Tgt Ion: 114 Resp: 71183
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 45.8
 88 19.3 0.0 41.2

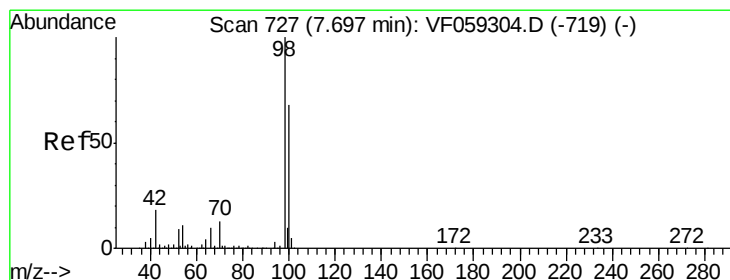
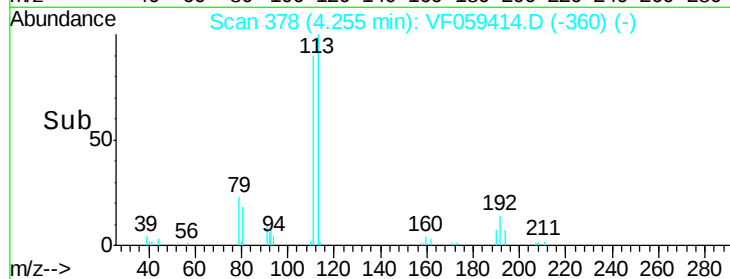
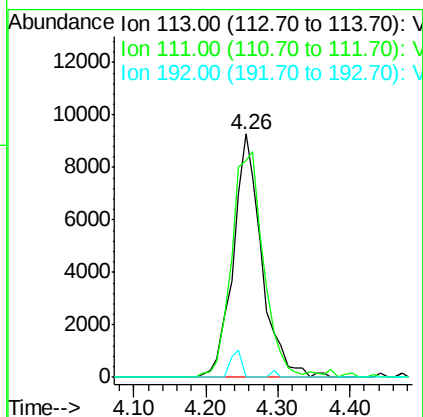
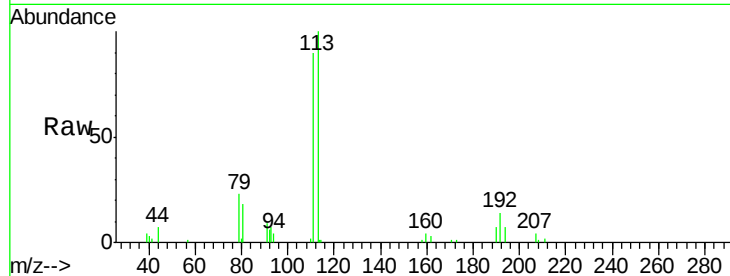




#35
Dibromofluoromethane
Concen: 48.947 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.02 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

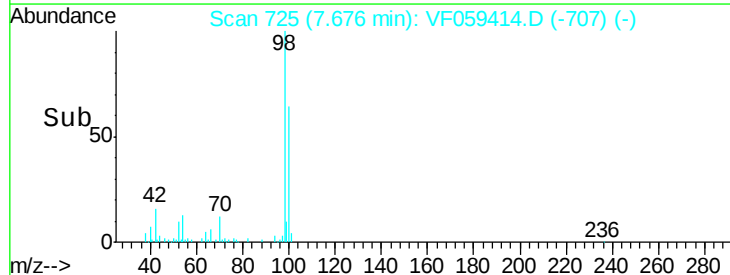
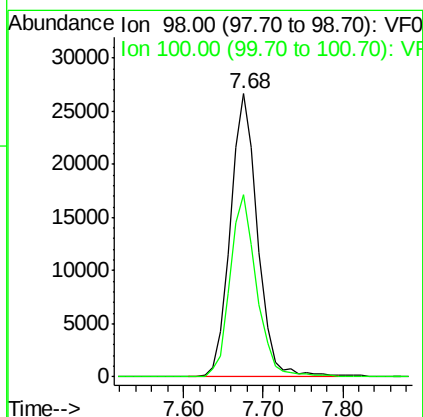
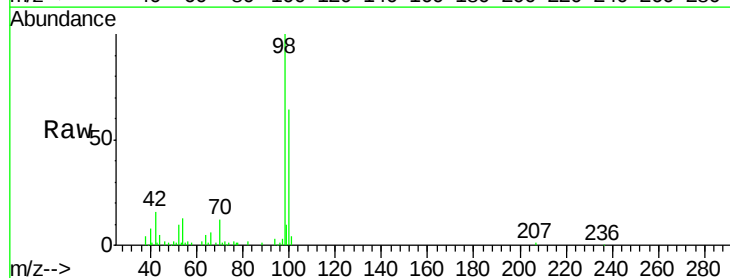
Instrument :
MSVOA_F
ClientSampleId :
NB-08-062918RE

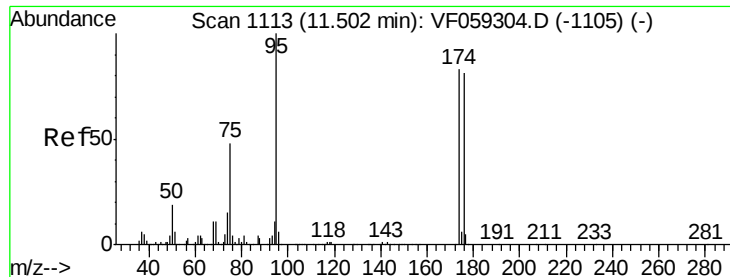
Tot Ion:113 Resp: 25458
Ion Ratio Lower Upper
113 100
111 89.0 82.1 123.1
192 0.0 13.0 19.6#



#50
Toluene-d8
Concen: 49.341 ug/l
RT: 7.68 min Scan# 725
Delta R.T. -0.02 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Tgt Ion: 98 Resp: 63538
Ion Ratio Lower Upper
98 100
100 64.2 54.6 82.0





#62

4-Bromofluorobenzene

Concen: 35.650 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF059414.D

Acq: 3 Jul 2018 16:12

Instrument :

MSVOA_F

ClientSampleId :

NB-08-062918RE

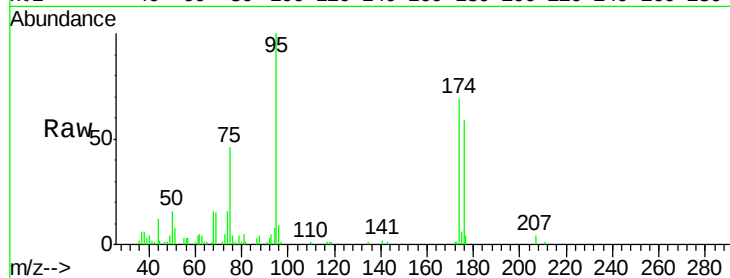
Tot Ion: 95 Resp: 25896

Ion Ratio Lower Upper

95 100

174 69.1 0.0 165.2

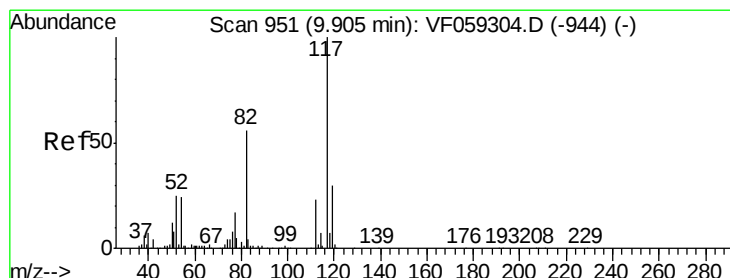
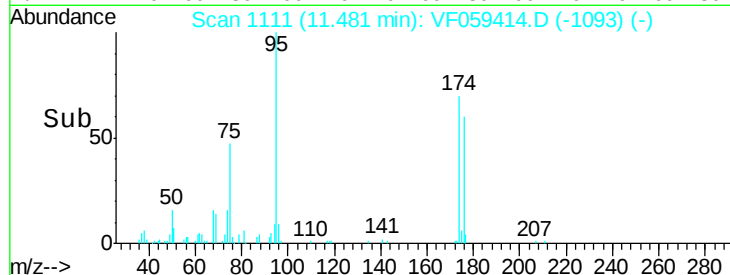
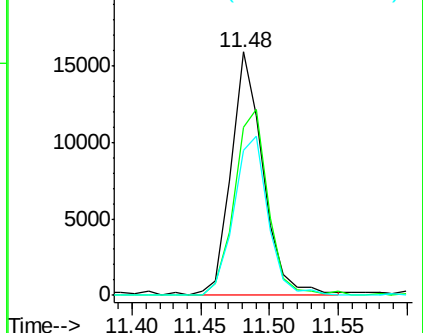
176 59.5 0.0 161.0



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: 50.000 ug/l

RT: 9.88 min Scan# 949

Delta R.T. -0.02 min

Lab File: VF059414.D

Acq: 3 Jul 2018 16:12

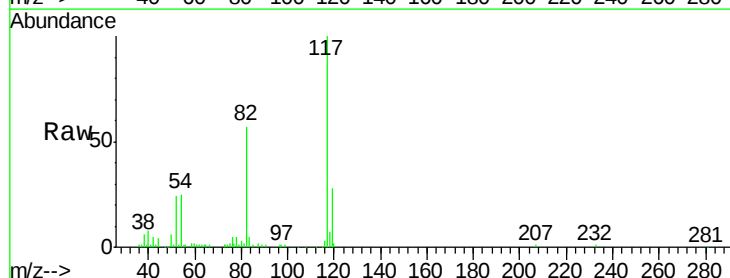
Tgt Ion: 117 Resp: 60446

Ion Ratio Lower Upper

117 100

82 57.0 44.6 66.8

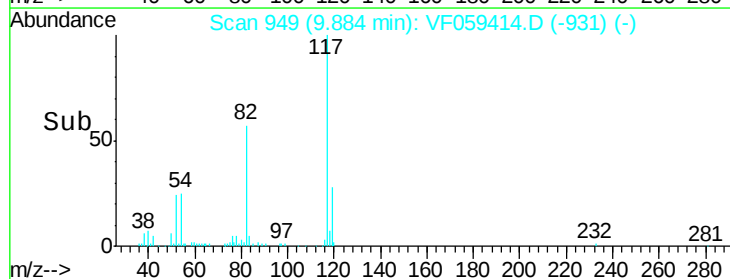
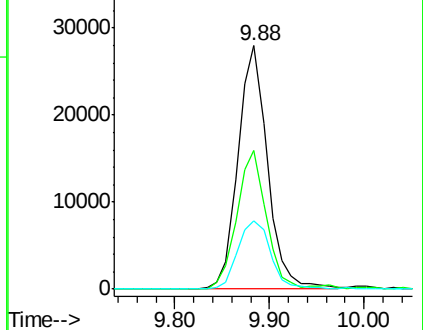
119 28.3 24.1 36.1

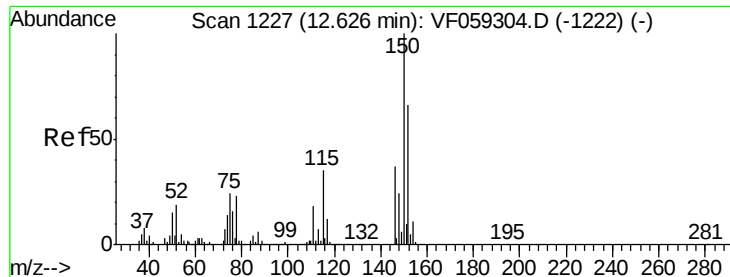


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.60 min Scan# 1225

Delta R.T. -0.02 min

Lab File: VF059414.D

Acq: 3 Jul 2018 16:12

Instrument :

MSVOA_F

ClientSampleId :

NB-08-062918RE

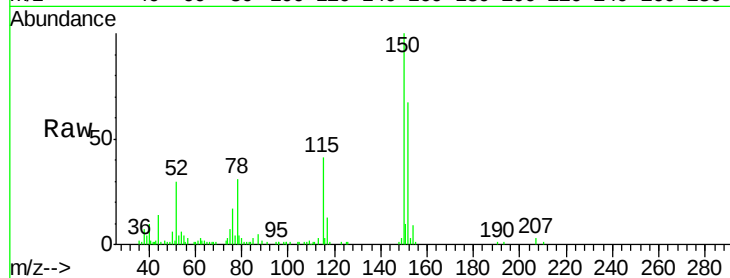
Tot Ion:152 Resp: 21963

Ion Ratio Lower Upper

152 100

115 60.6 27.1 81.3

150 149.2 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

