

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061219\
 Data File : VF062921.D
 Acq On : 12 Jun 2019 12:11
 Operator : FY/SY
 Sample : VF0612SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0612SBL01

Quant Time: Jun 13 08:44:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	856987	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.77	114	1565271	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.90	117	1101875	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.61	152	558932	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	304817	51.44	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	102.88%	
35) Dibromofluoromethane	4.30	113	546919	46.24	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	92.48%	
50) Toluene-d8	7.70	98	1347642	45.06	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	90.12%	
62) 4-Bromofluorobenzene	11.49	95	471769	43.85	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	87.70%	

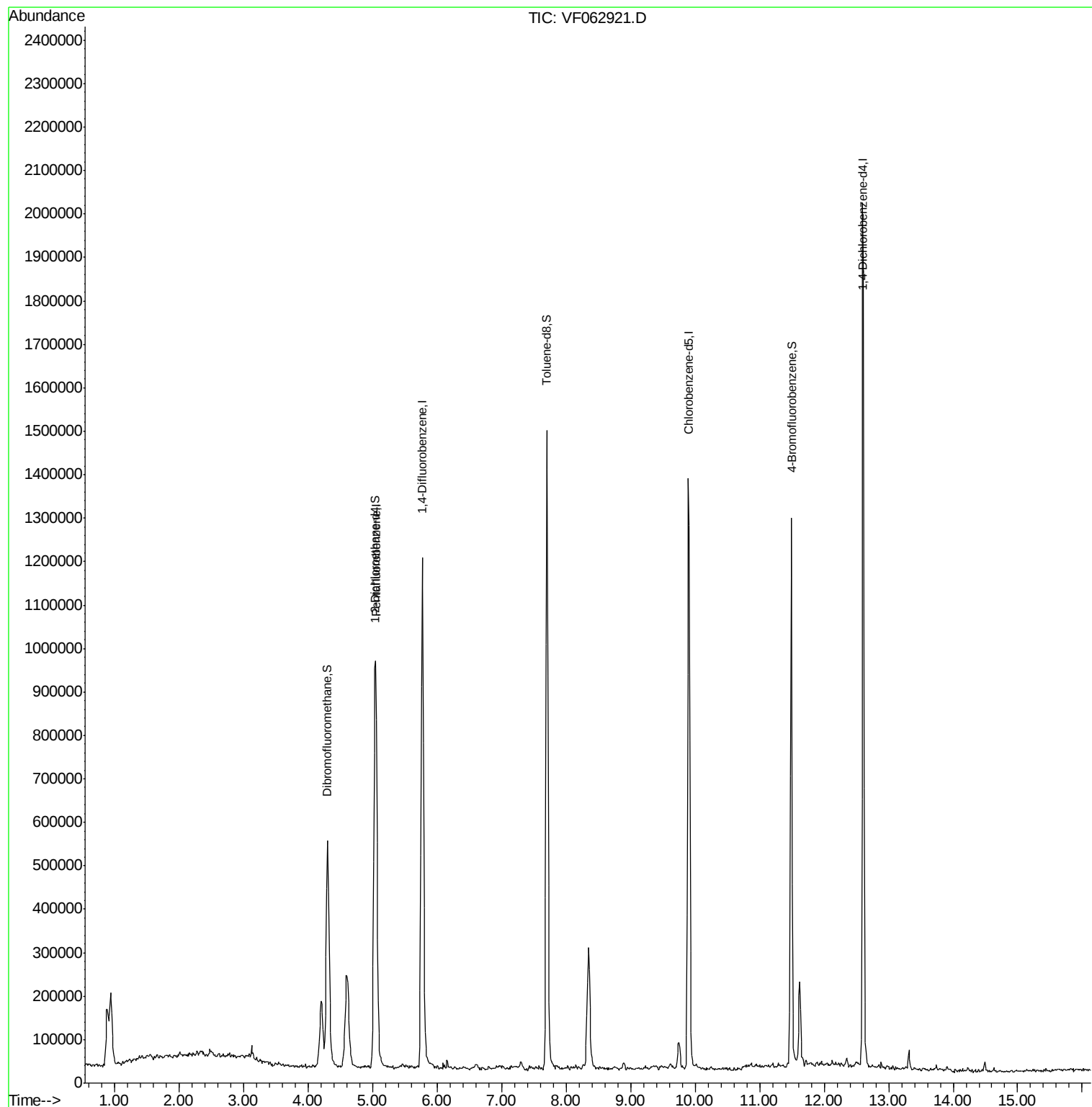
Target Compounds	Qvalue

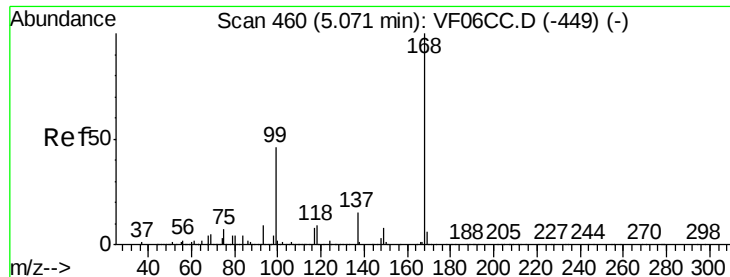
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061219\
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Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.03 min

Lab File: VF062921.D

Acq: 12 Jun 2019 12:11

Instrument :

MSVOA_F

ClientSampleId :

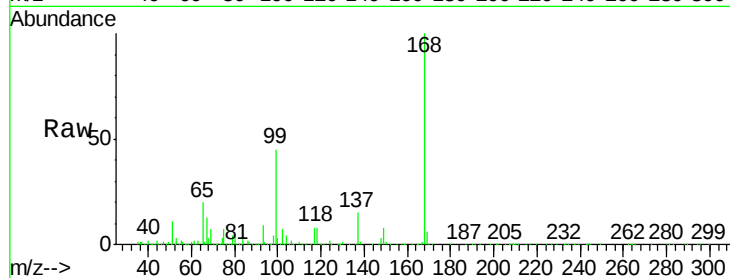
VF0612SBL01

Tot Ion:168 Resp: 856987

Ion Ratio Lower Upper

168 100

99 45.0 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

300000

250000

200000

150000

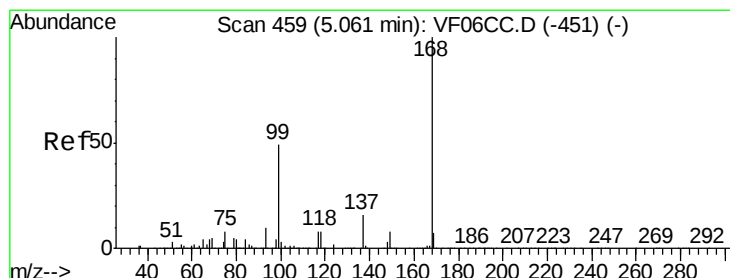
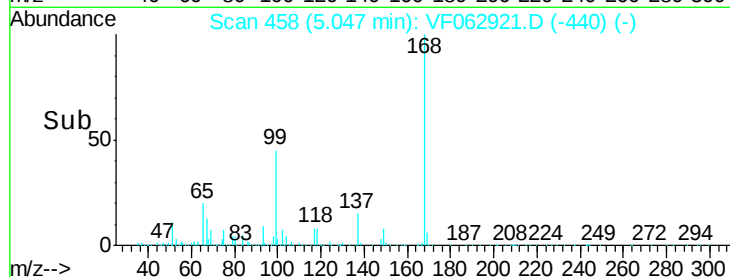
100000

50000

0

Time-->

5.00 5.20



#33

1,2-Dichloroethane-d4

Concen: 51.436 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.03 min

Lab File: VF062921.D

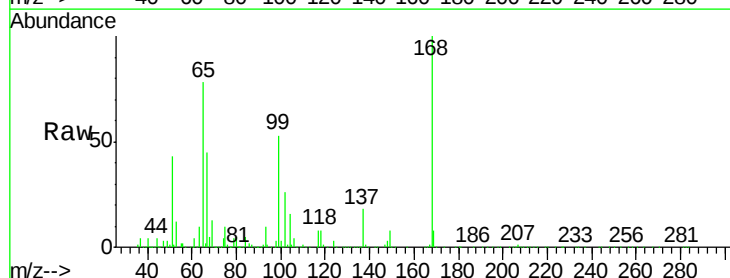
Acq: 12 Jun 2019 12:11

Tgt Ion: 65 Resp: 304817

Ion Ratio Lower Upper

65 100

67 57.3 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.03

120000

100000

80000

60000

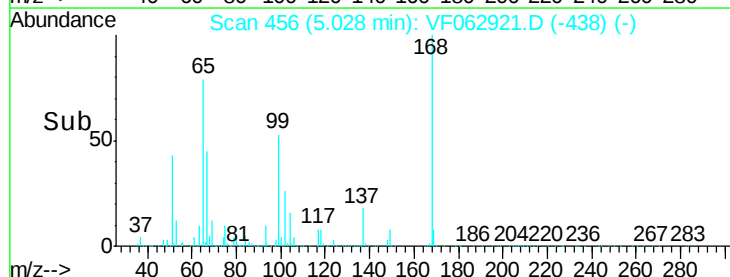
40000

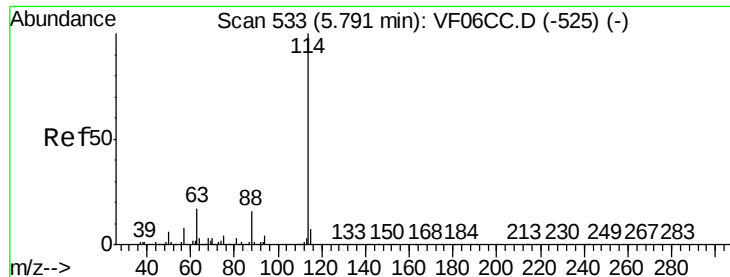
20000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.04 min

Lab File: VF062921.D

Acq: 12 Jun 2019 12:11

Instrument :

MSVOA_F

ClientSampleId :

VF0612SBL01

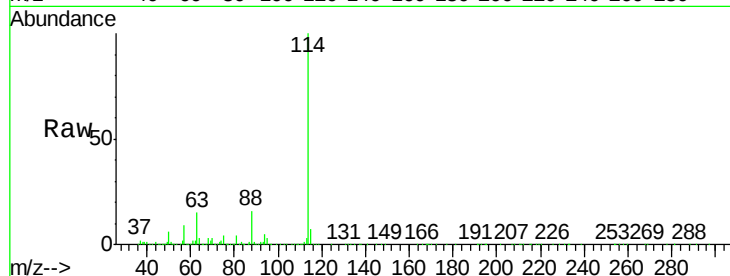
Tot Ion:114 Resp: 1565271

Ion Ratio Lower Upper

114 100

63 15.2 0.0 34.2

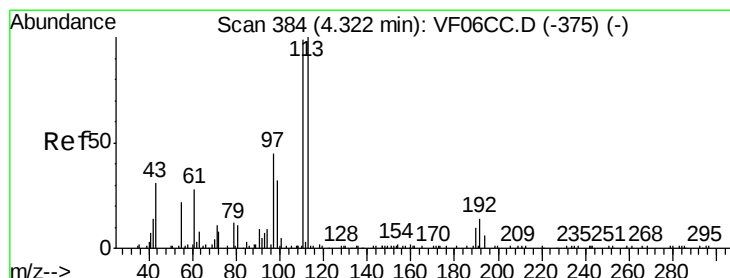
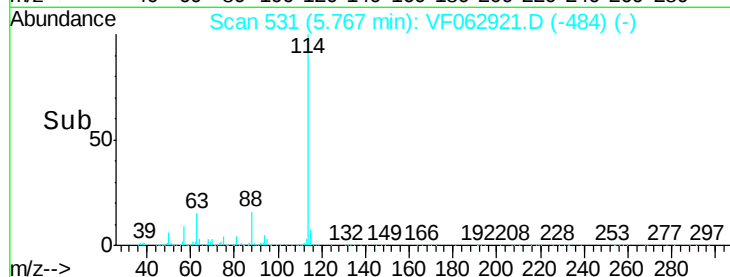
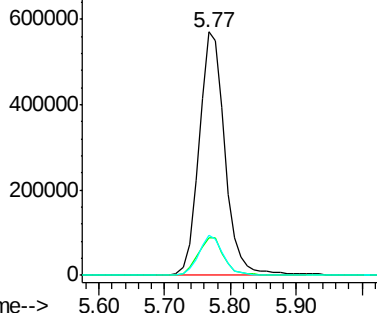
88 16.3 0.0 31.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 46.239 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.04 min

Lab File: VF062921.D

Acq: 12 Jun 2019 12:11

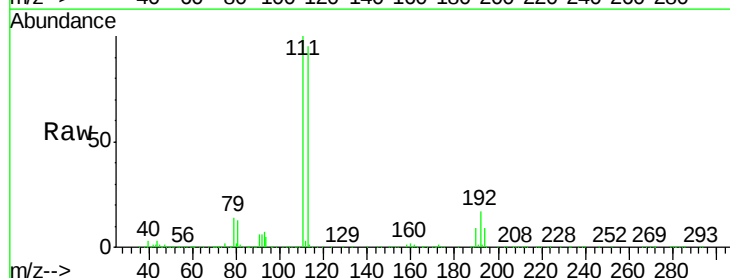
Tgt Ion:113 Resp: 546919

Ion Ratio Lower Upper

113 100

111 105.6 81.9 122.9

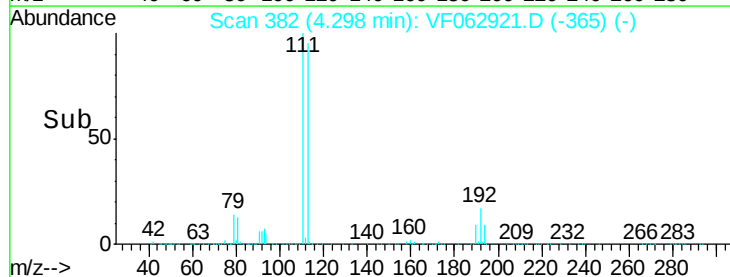
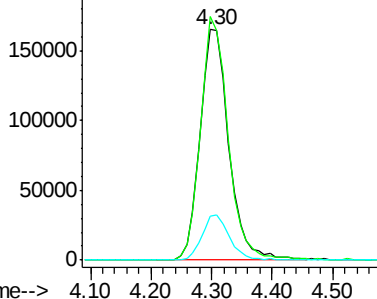
192 19.1 15.1 22.7

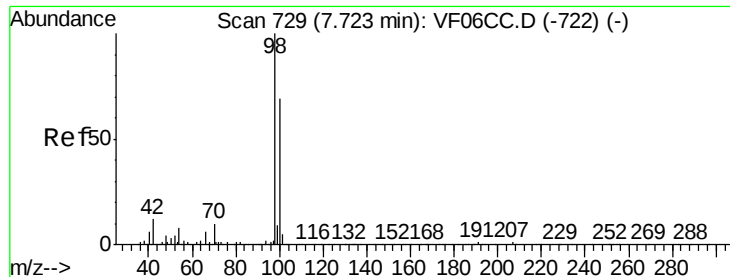


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

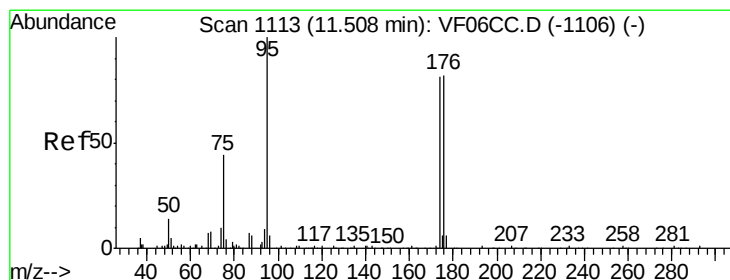
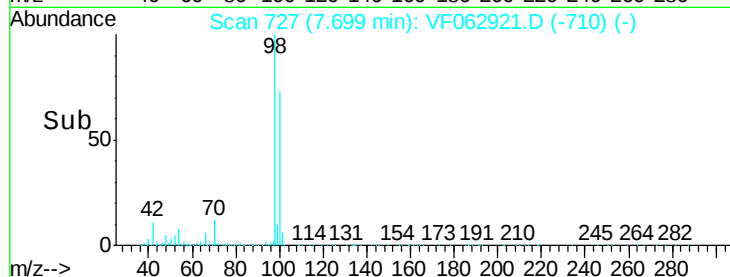
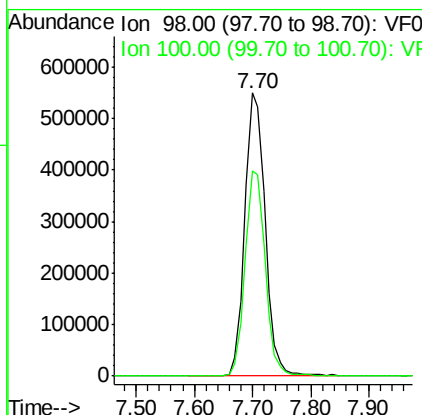
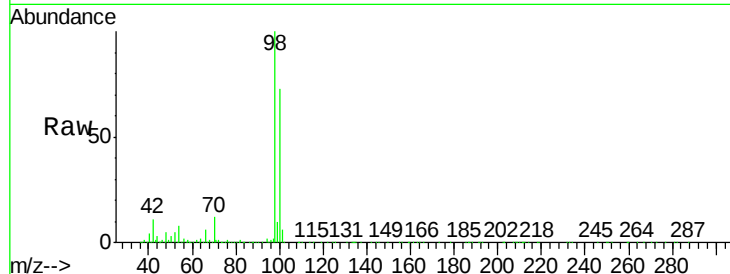




#50
Toluene-d8
Concen: 45.056 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.04 min
Lab File: VF062921.D
Acq: 12 Jun 2019 12:11

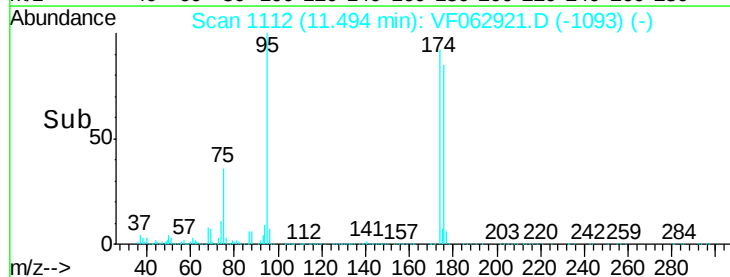
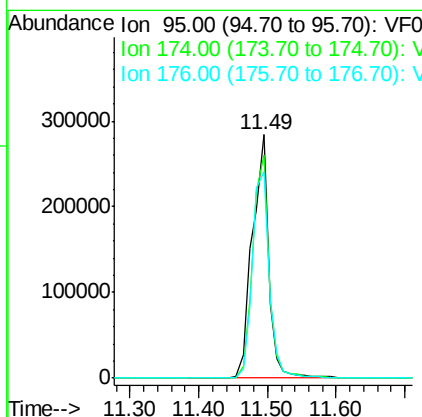
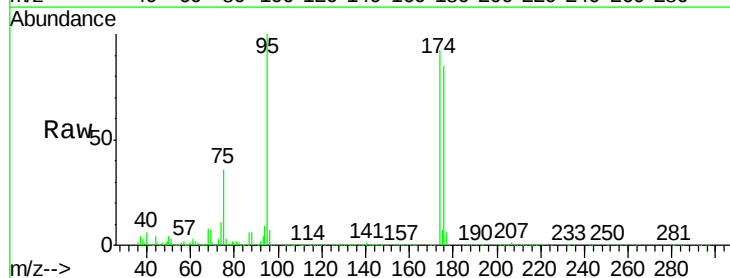
Instrument :
MSVOA_F
ClientSampleId :
VF0612SBL01

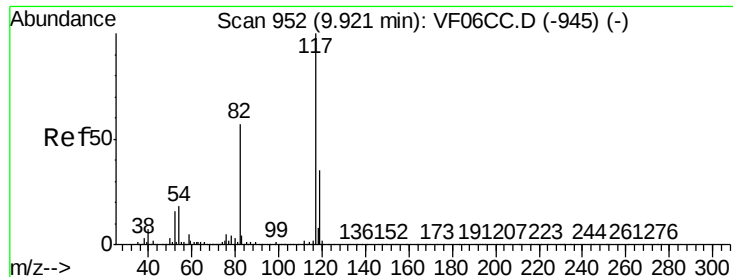
Tot Ion: 98 Resp: 1347642
Ion Ratio Lower Upper
98 100
100 72.6 59.8 89.8



#62
4-Bromofluorobenzene
Concen: 43.848 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.02 min
Lab File: VF062921.D
Acq: 12 Jun 2019 12:11

Tgt Ion: 95 Resp: 471769
Ion Ratio Lower Upper
95 100
174 91.6 0.0 170.6
176 84.8 0.0 170.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.90 min Scan# 950

Delta R.T. -0.04 min

Lab File: VF062921.D

Acq: 12 Jun 2019 12:11

Instrument :

MSVOA_F

ClientSampleId :

VF0612SBL01

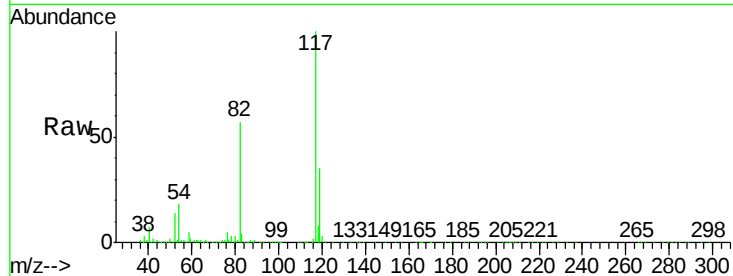
Tot Ion:117 Resp: 1101875

Ion Ratio Lower Upper

117 100

82 56.9 42.4 63.6

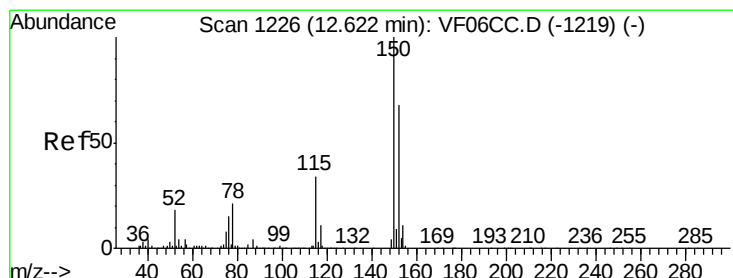
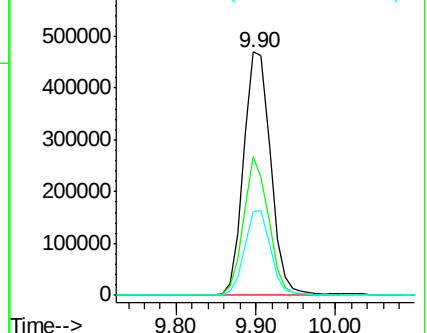
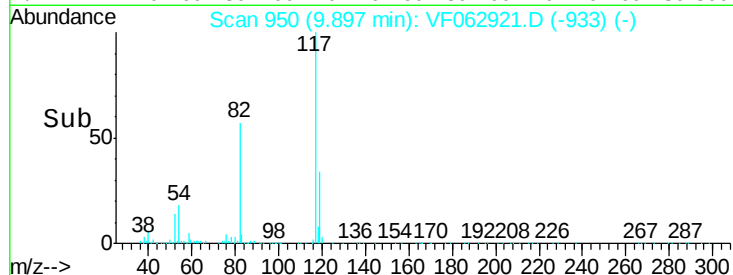
119 34.6 27.1 40.7



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: 12.61 min Scan# 1225

Delta R.T. -0.02 min

Lab File: VF062921.D

Acq: 12 Jun 2019 12:11

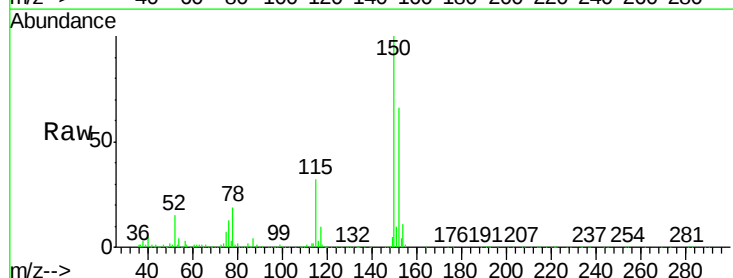
Tgt Ion:152 Resp: 558932

Ion Ratio Lower Upper

152 100

115 48.5 24.6 74.0

150 151.7 0.0 290.6



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

