

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051319\
 Data File : VF062562.D
 Acq On : 14 May 2019 2:11
 Operator : FY/SY
 Sample : VF0513SBL02
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0513SBL02

Quant Time: May 14 08:22:55 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	326803	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	426783	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.93	117	375957	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	253442	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	156546	50.69	ug/l	0.03
Spiked Amount 50.000			Recovery	=	101.38%	
35) Dibromofluoromethane	4.32	113	172263	50.66	ug/l	0.02
Spiked Amount 50.000			Recovery	=	101.32%	
50) Toluene-d8	7.73	98	395350	48.03	ug/l	0.03
Spiked Amount 50.000			Recovery	=	96.06%	
62) 4-Bromofluorobenzene	11.51	95	190886	51.41	ug/l	0.02
Spiked Amount 50.000			Recovery	=	102.82%	

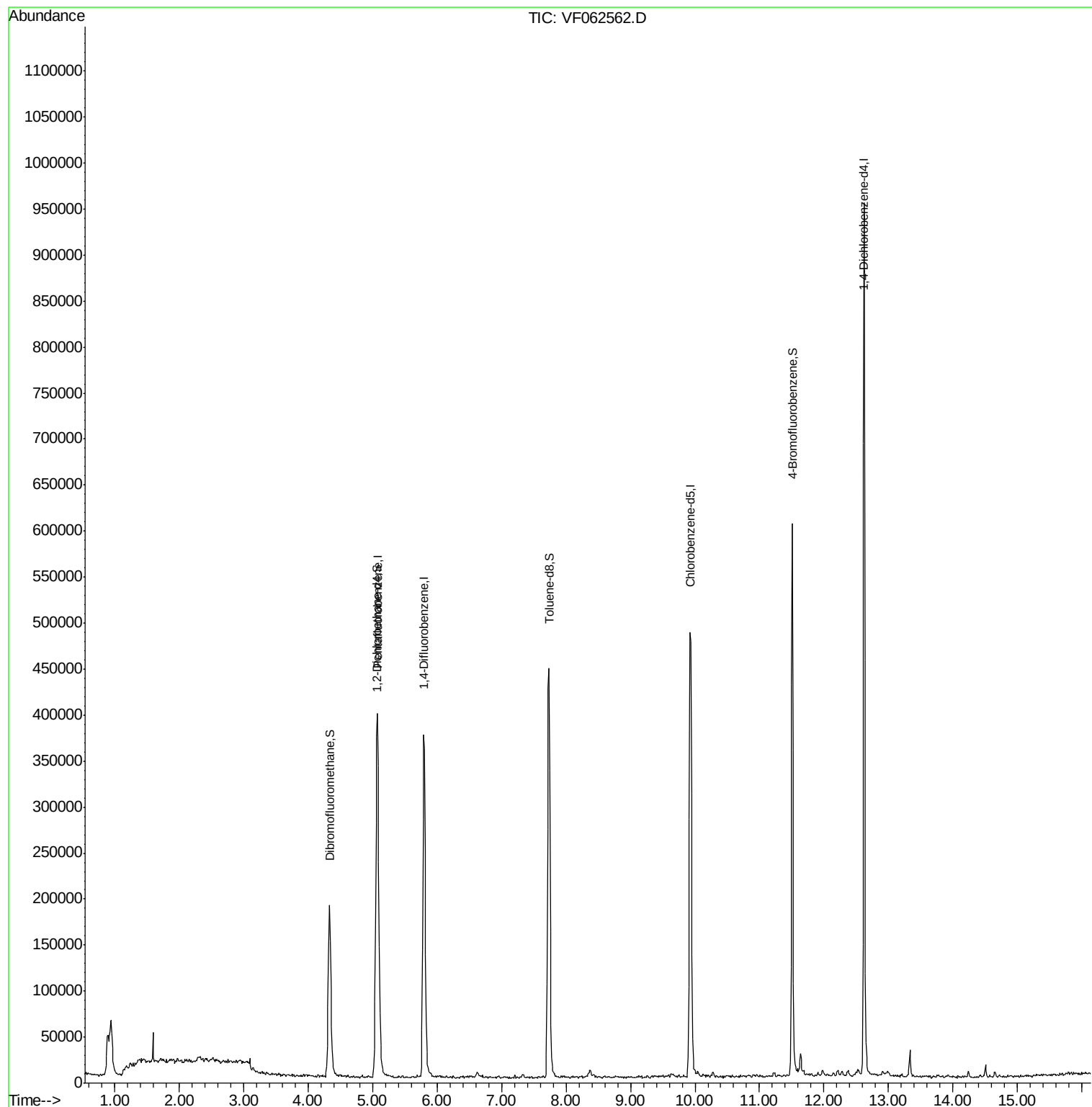
Target Compounds	Qvalue

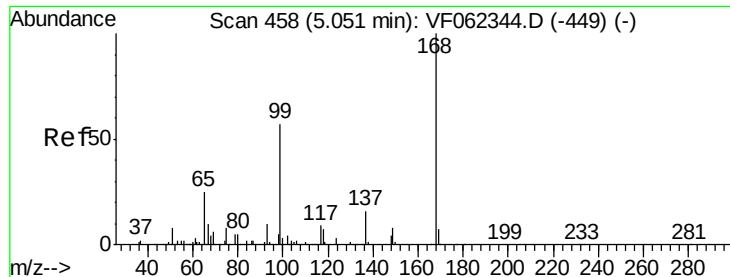
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 461

Delta R.T. 0.02 min

Lab File: VF062562.D

Acq: 14 May 2019 2:11

Instrument :

MSVOA_F

ClientSampleId :

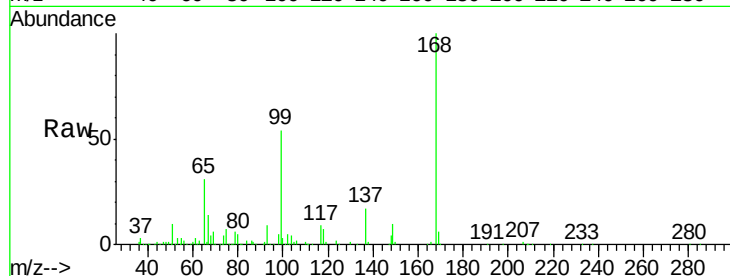
VF0513SBL02

Tot Ion:168 Resp: 326803

Ion Ratio Lower Upper

168 100

99 54.1 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.07

120000

100000

80000

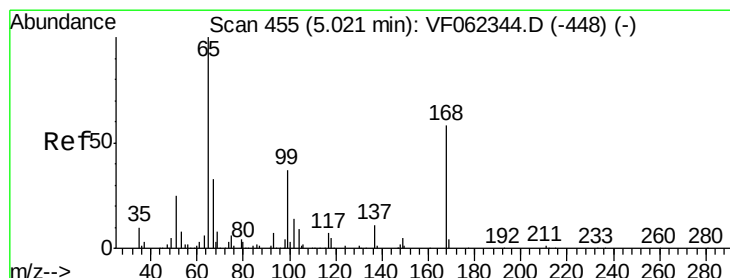
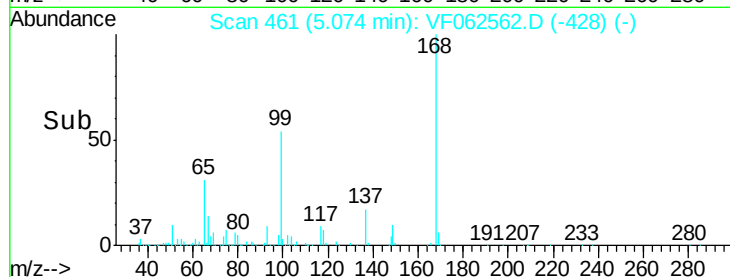
60000

40000

20000

0

Time--> 4.90 5.00 5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 50.688 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.03 min

Lab File: VF062562.D

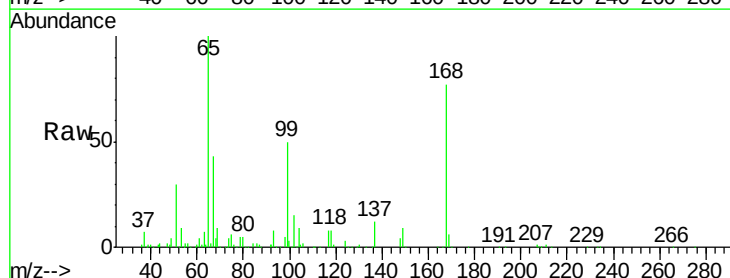
Acq: 14 May 2019 2:11

Tgt Ion: 65 Resp: 156546

Ion Ratio Lower Upper

65 100

67 45.0 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.05

60000

50000

40000

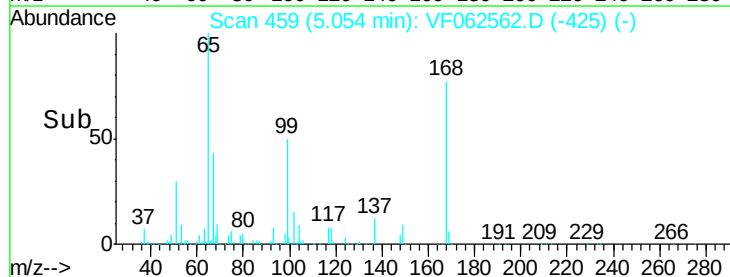
30000

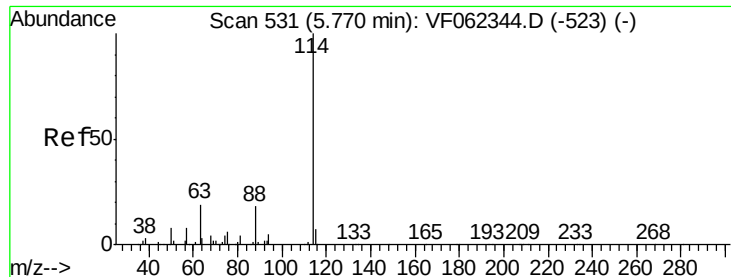
20000

10000

0

Time--> 4.90 5.00 5.10 5.20 5.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 534

Delta R.T. 0.02 min

Lab File: VF062562.D

Acq: 14 May 2019 2:11

Instrument :

MSVOA_F

ClientSampleId :

VF0513SBL02

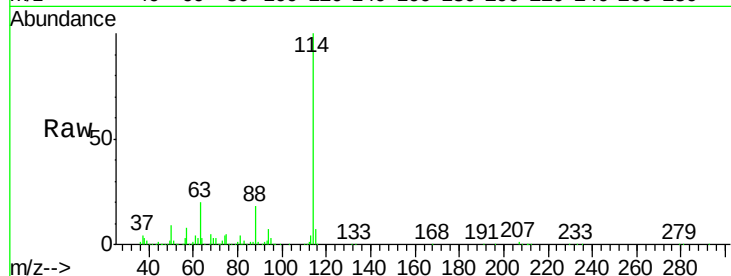
Tot Ion:114 Resp: 426783

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

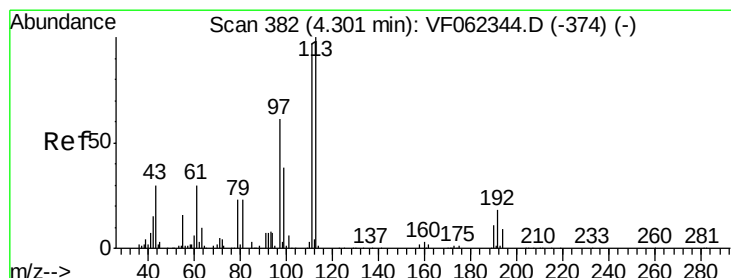
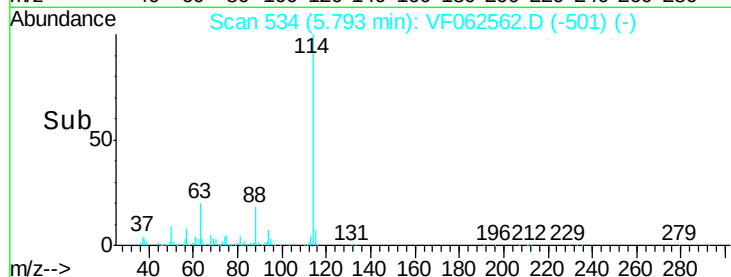
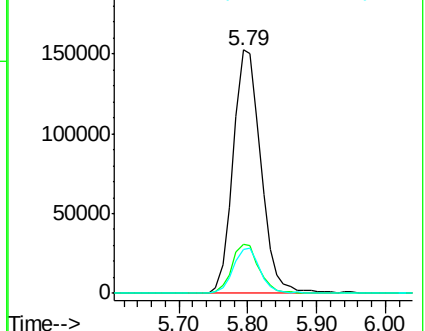
88 18.2 0.0 36.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 50.664 ug/l

RT: 4.32 min Scan# 385

Delta R.T. 0.02 min

Lab File: VF062562.D

Acq: 14 May 2019 2:11

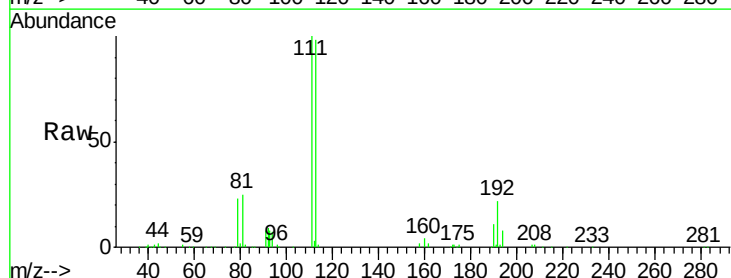
Tgt Ion:113 Resp: 172263

Ion Ratio Lower Upper

113 100

111 102.7 79.4 119.0

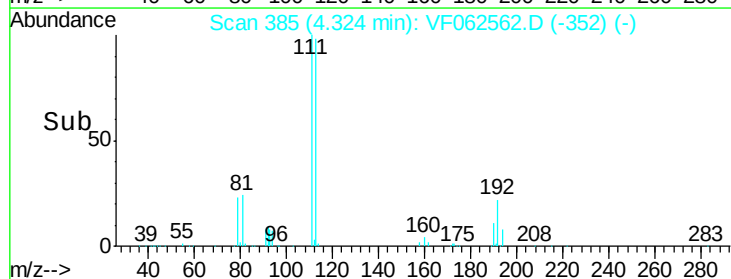
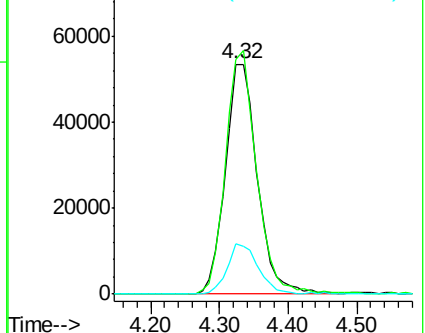
192 21.3 16.0 24.0

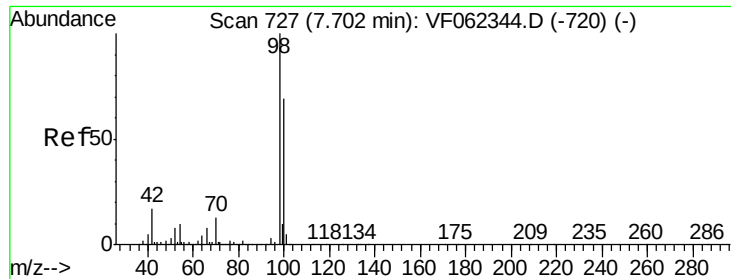


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

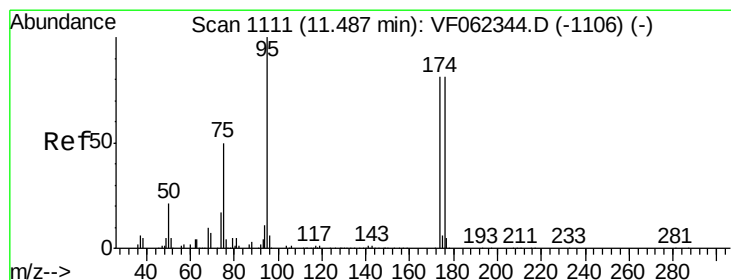
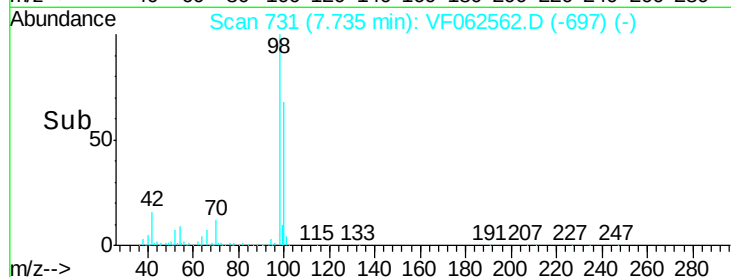
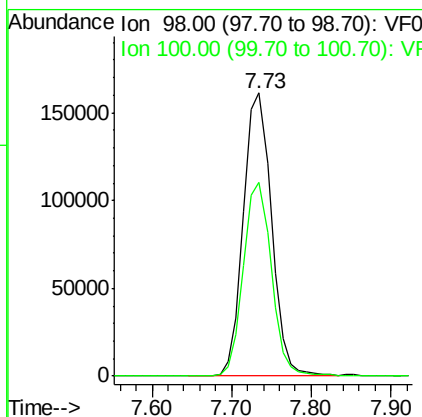
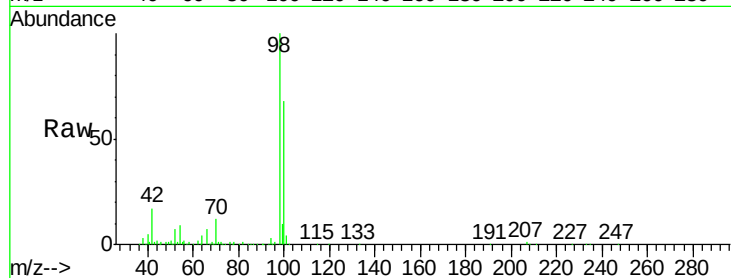




#50
Toluene-d8
Concen: 48.035 ug/l
RT: 7.73 min Scan# 731
Delta R.T. 0.03 min
Lab File: VF062562.D
Acq: 14 May 2019 2:11

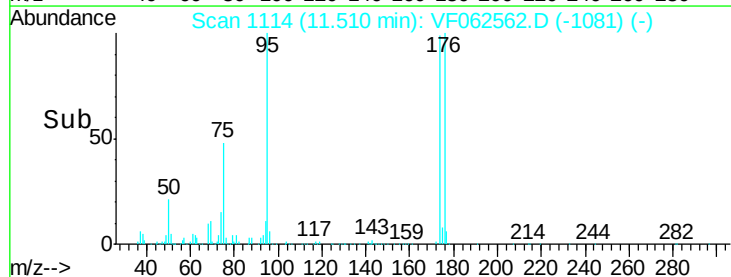
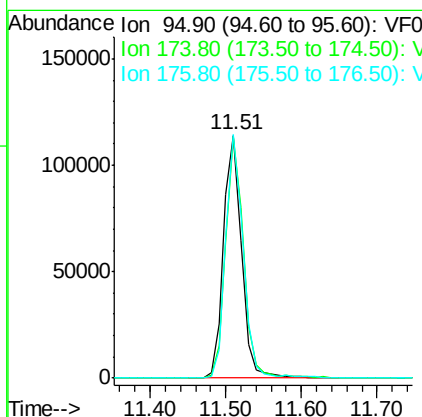
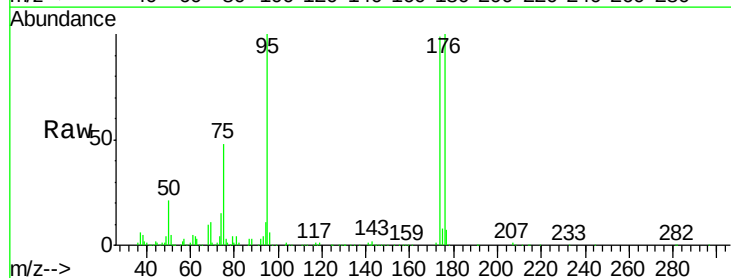
Instrument :
MSVOA_F
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VF0513SBL02

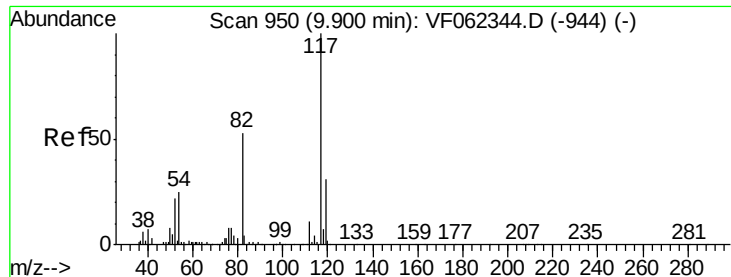
Tot Ion: 98 Resp: 395350
Ion Ratio Lower Upper
98 100
100 68.1 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 51.406 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VF062562.D
Acq: 14 May 2019 2:11

Tgt Ion: 95 Resp: 190886
Ion Ratio Lower Upper
95 100
174 98.1 0.0 191.8
176 96.4 0.0 193.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.93 min Scan# 954

Delta R.T. 0.03 min

Lab File: VF062562.D

Acq: 14 May 2019 2:11

Instrument :

MSVOA_F

ClientSampleId :

VF0513SBL02

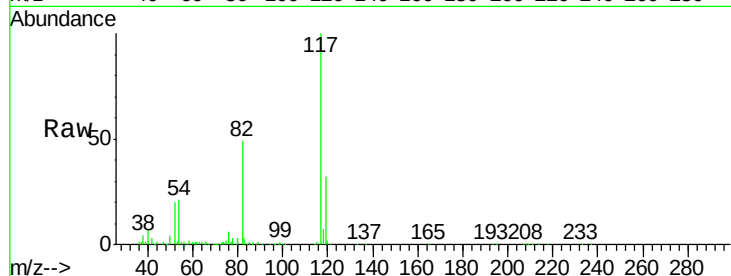
Tot Ion:117 Resp: 375957

Ion Ratio Lower Upper

117 100

82 48.9 42.2 63.2

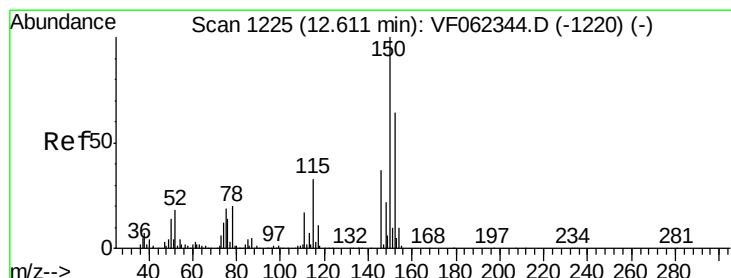
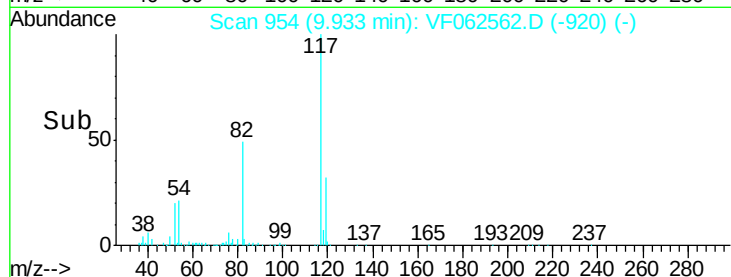
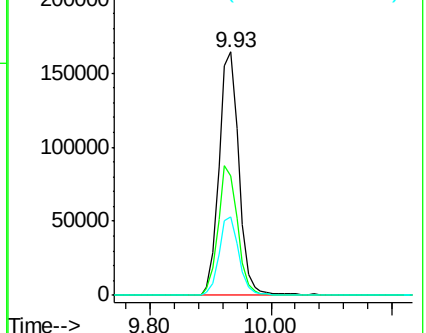
119 32.2 25.0 37.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. 0.01 min

Lab File: VF062562.D

Acq: 14 May 2019 2:11

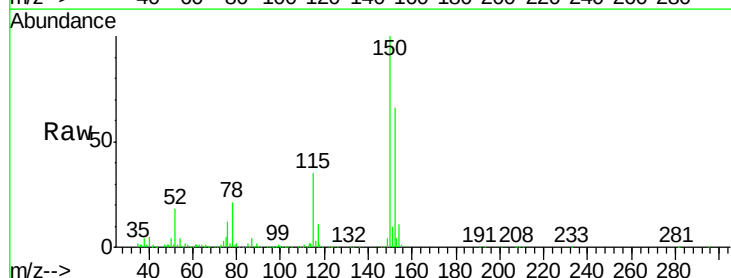
Tgt Ion:152 Resp: 253442

Ion Ratio Lower Upper

152 100

115 52.7 26.4 79.2

150 150.3 0.0 335.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

