

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051519\
 Data File : VF062610.D
 Acq On : 15 May 2019 15:52
 Operator : FY/SY
 Sample : K2801-07
 Misc : 4.13g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RT-3456

Quant Time: May 15 16:22:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051419S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 05:06:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	654578	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.79	114	1115219	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	779754	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	315029	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	209365	42.34	ug/l	-0.02
Spiked Amount						
			Recovery	=	84.68%	
35) Dibromofluoromethane	4.33	113	364806	43.95	ug/l	0.00
Spiked Amount						
			Recovery	=	87.90%	
50) Toluene-d8	7.72	98	791088	40.45	ug/l	-0.02
Spiked Amount						
			Recovery	=	80.90%	
62) 4-Bromofluorobenzene	11.50	95	268476	39.30	ug/l	0.00
Spiked Amount						
			Recovery	=	78.60%	

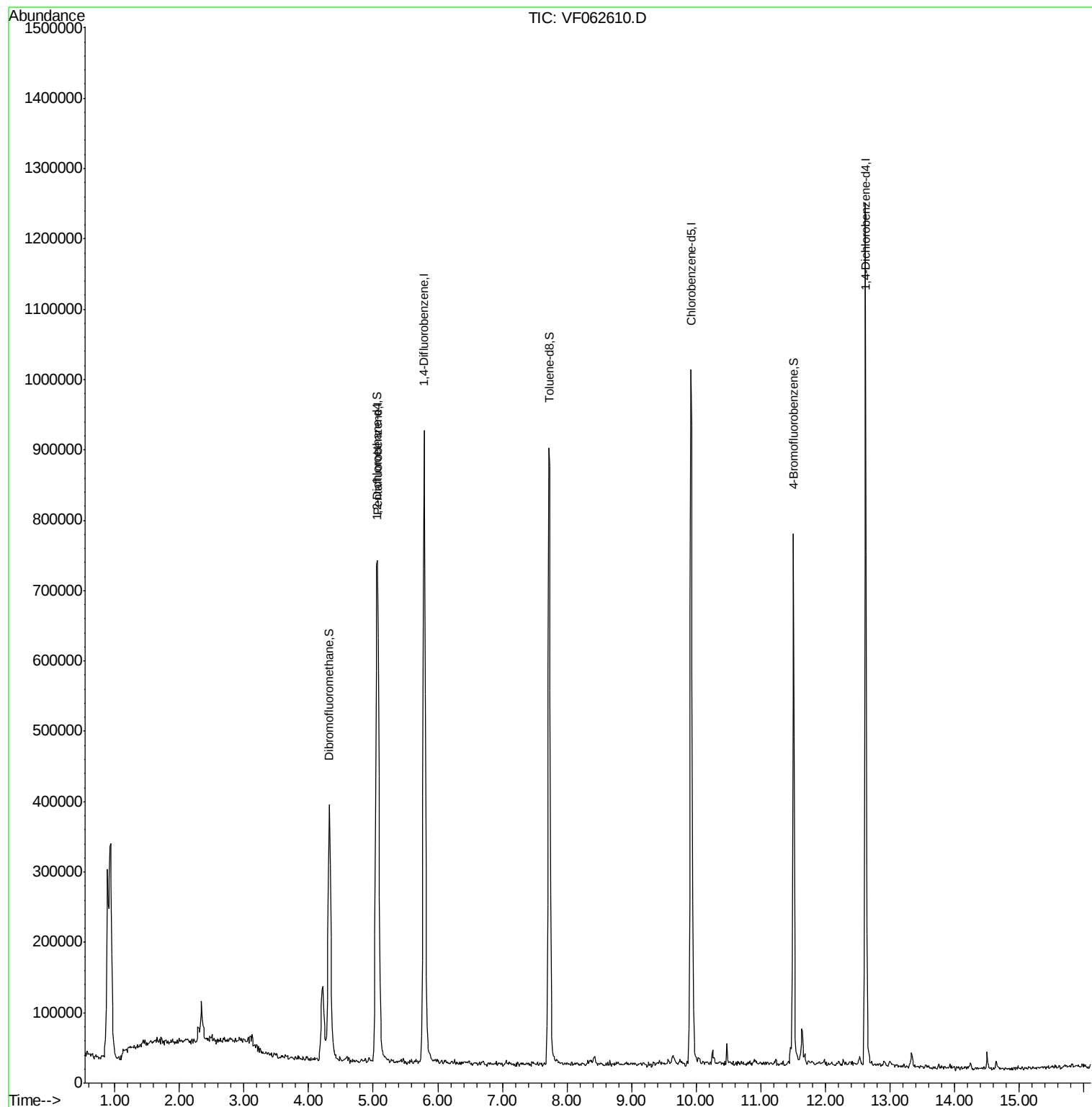
Target Compounds	Qvalue

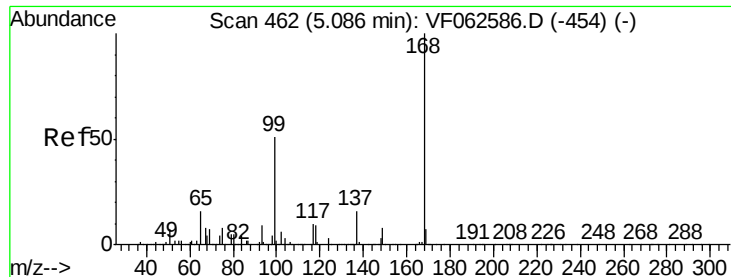
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.02 min

Lab File: VF062610.D

Acq: 15 May 2019 15:52

Instrument :

MSVOA_F

ClientSampleId :

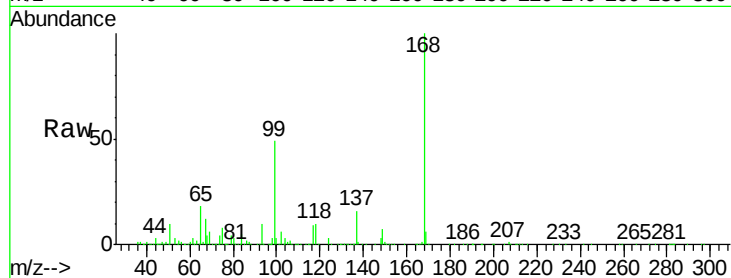
RT-3456

Tot Ion:168 Resp: 654578

Ion Ratio Lower Upper

168 100

99 49.0 41.0 61.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

250000

200000

150000

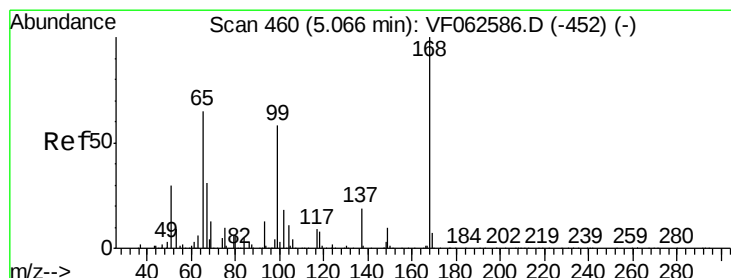
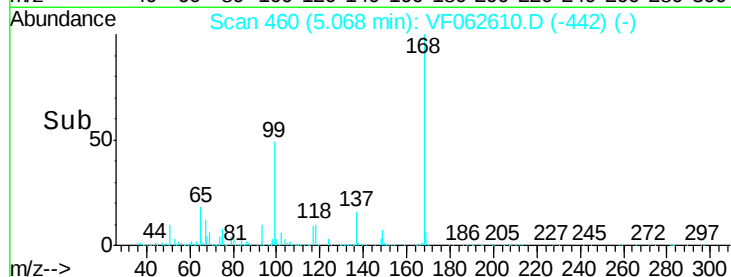
100000

50000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 42.339 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.02 min

Lab File: VF062610.D

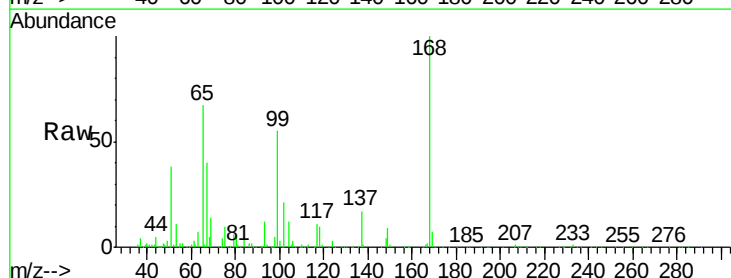
Acq: 15 May 2019 15:52

Tgt Ion: 65 Resp: 209365

Ion Ratio Lower Upper

65 100

67 59.1 0.0 116.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.05

80000

60000

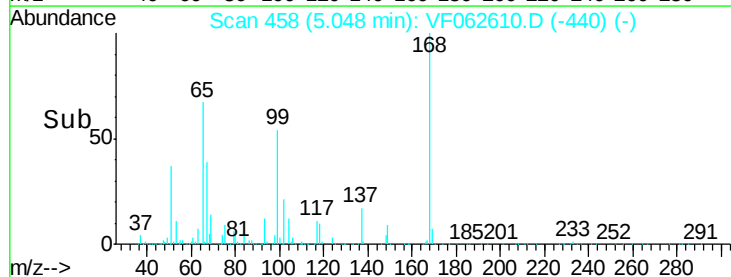
40000

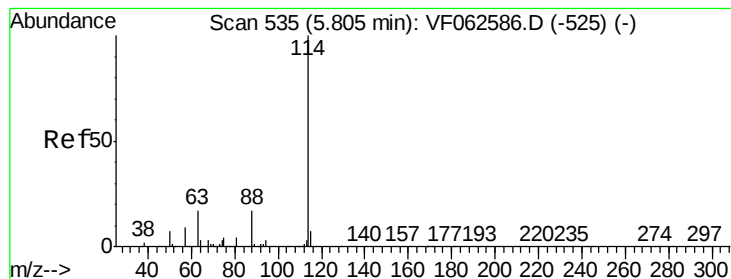
20000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. -0.02 min

Lab File: VF062610.D

Acq: 15 May 2019 15:52

Instrument :

MSVOA_F

ClientSampleId :

RT-3456

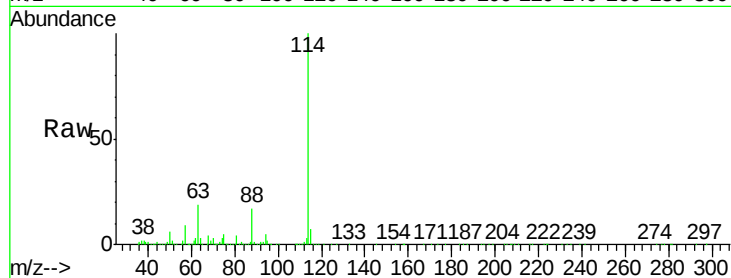
Tot Ion:114 Resp: 1115219

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.6

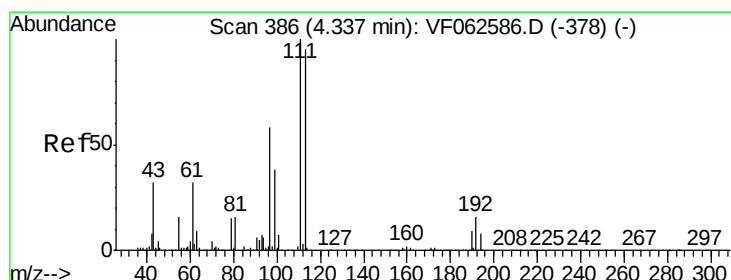
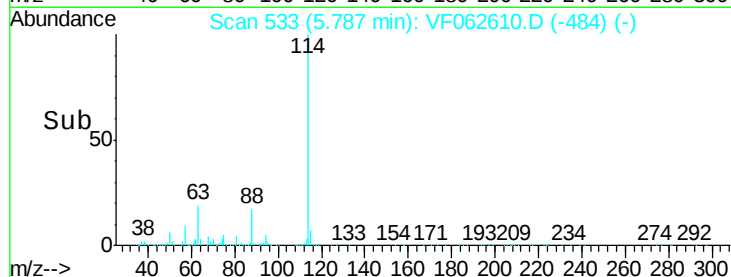
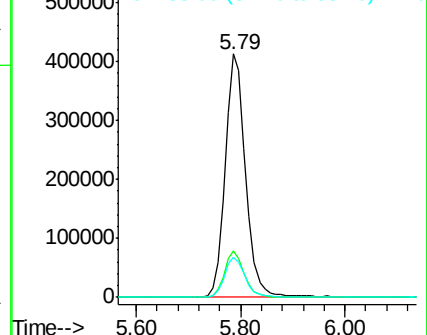
88 16.7 0.0 33.6



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: 43.951 ug/l

RT: 4.33 min Scan# 385

Delta R.T. -0.01 min

Lab File: VF062610.D

Acq: 15 May 2019 15:52

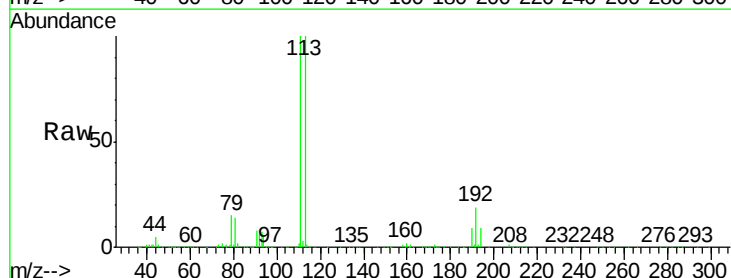
Tgt Ion:113 Resp: 364806

Ion Ratio Lower Upper

113 100

111 99.8 83.9 125.9

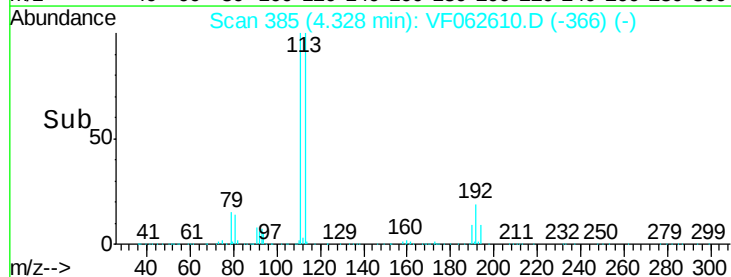
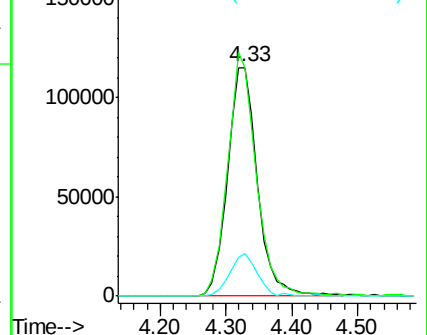
192 18.6 13.7 20.5

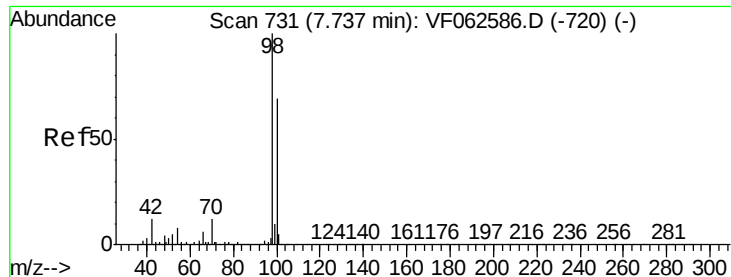


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

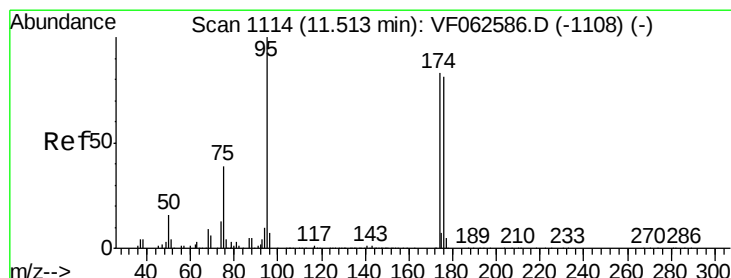
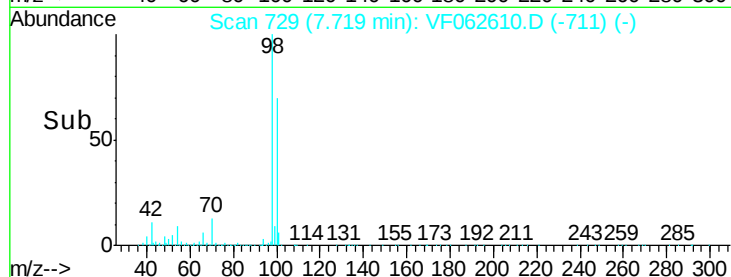
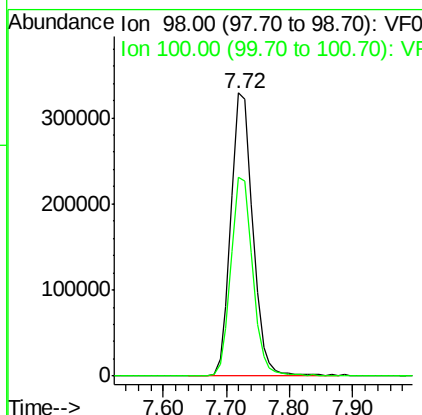
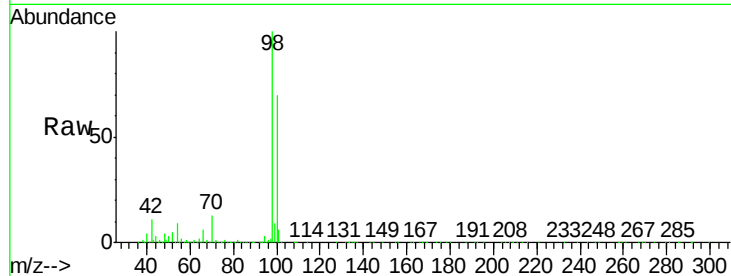




#50
Toluene-d8
Concen: 40.446 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.02 min
Lab File: VF062610.D
Acq: 15 May 2019 15:52

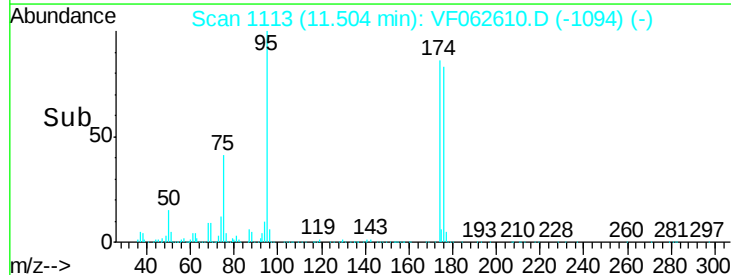
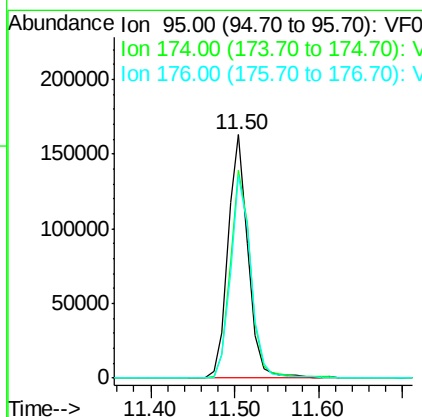
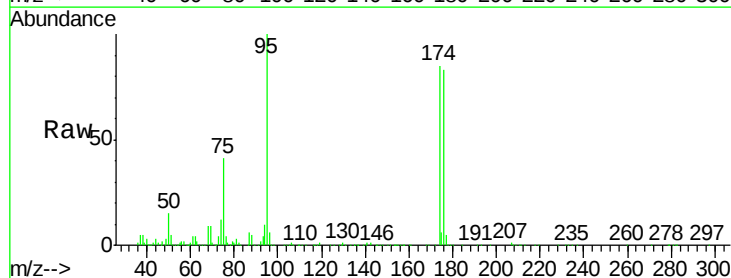
Instrument :
MSVOA_F
ClientSampleId :
RT-3456

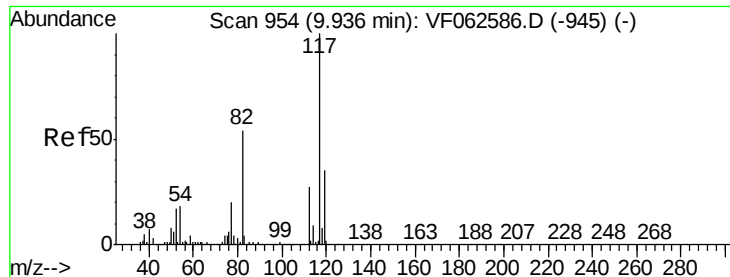
Tot Ion: 98 Resp: 791088
Ion Ratio Lower Upper
98 100
100 70.3 55.4 83.0



#62
4-Bromofluorobenzene
Concen: 39.304 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF062610.D
Acq: 15 May 2019 15:52

Tgt Ion: 95 Resp: 268476
Ion Ratio Lower Upper
95 100
174 85.4 0.0 166.6
176 83.3 0.0 161.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. -0.02 min

Lab File: VF062610.D

Acq: 15 May 2019 15:52

Instrument :

MSVOA_F

ClientSampleId :

RT-3456

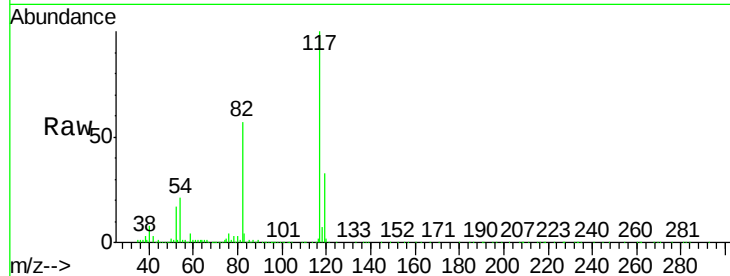
Tot Ion:117 Resp: 779754

Ion Ratio Lower Upper

117 100

82 57.0 43.4 65.0

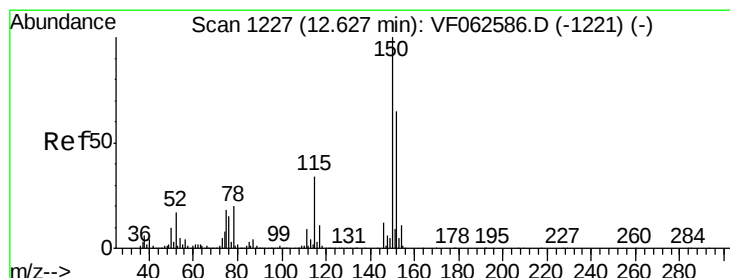
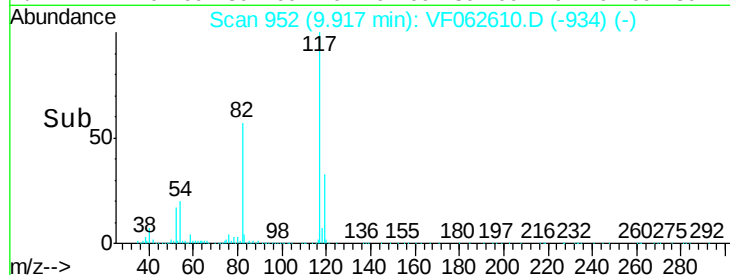
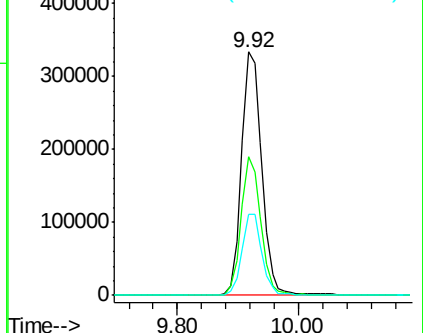
119 33.3 27.7 41.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF062610.D

Acq: 15 May 2019 15:52

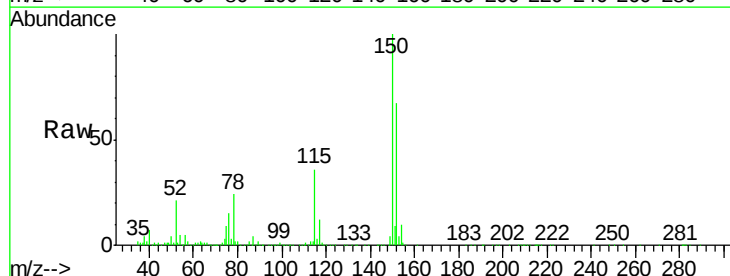
Tgt Ion:152 Resp: 315029

Ion Ratio Lower Upper

152 100

115 53.8 26.2 78.6

150 148.7 0.0 316.0



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

