

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051319\
 Data File : VF062580.D
 Acq On : 14 May 2019 10:34
 Operator : FY/SY
 Sample : K2757-08
 Misc : 5.60g/5mL/MSVOA F/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS010-0612-01

Quant Time: May 14 11:20:53 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	5.08	168	315642	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.79	114	447099	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.93	117	335905	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.63	152	164462	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	141160	47.32	ug/l	0.03
Spiked Amount 50.000			Recovery	=	94.64%	
35) Dibromofluoromethane	4.34	113	159800	44.86	ug/l	0.03
Spiked Amount 50.000			Recovery	=	89.72%	
50) Toluene-d8	7.74	98	304498	35.32	ug/l	0.03
Spiked Amount 50.000			Recovery	=	70.64%	
62) 4-Bromofluorobenzene	11.51	95	127228	32.71	ug/l	0.02
Spiked Amount 50.000			Recovery	=	65.42%	

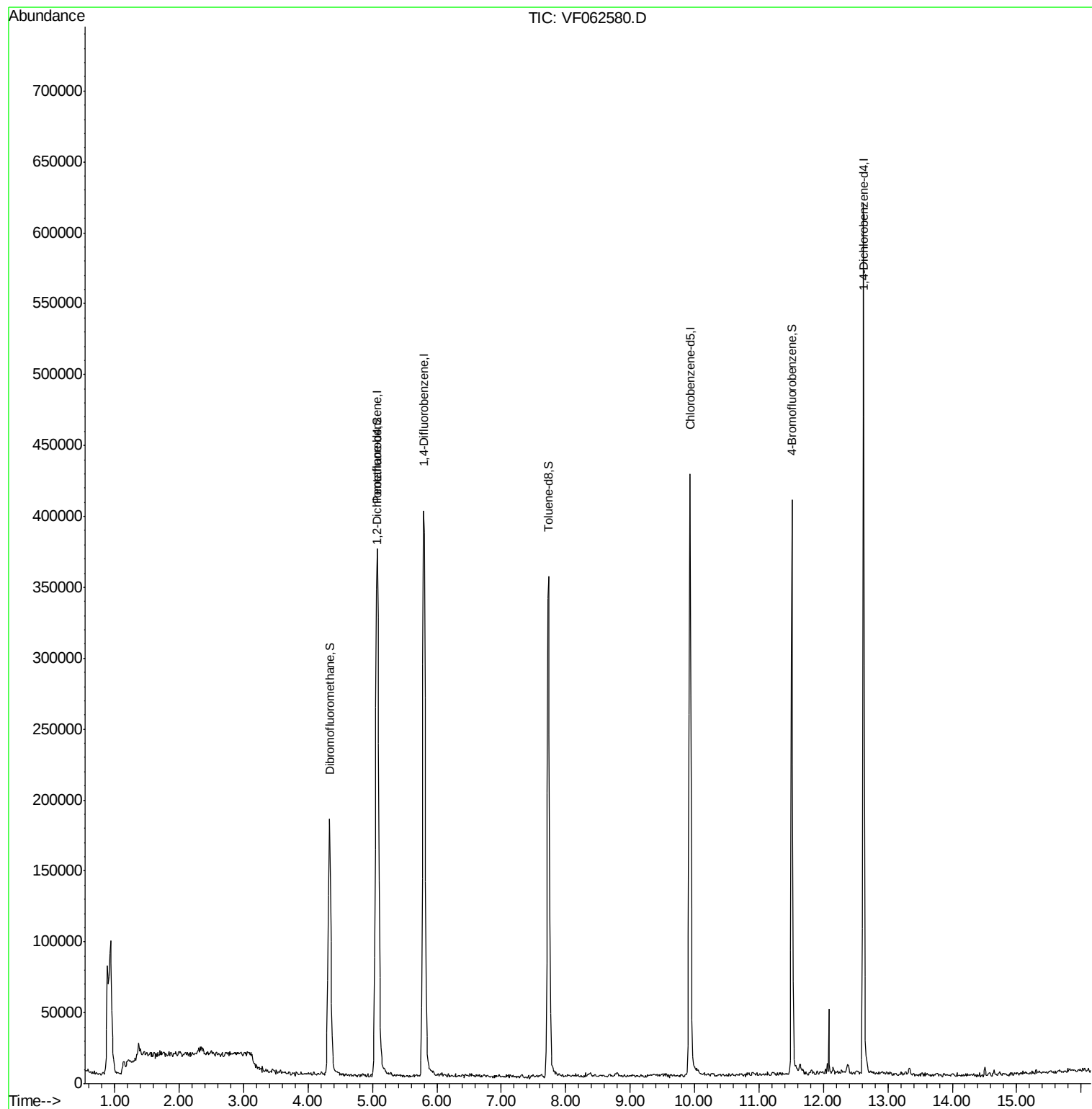
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 462

Delta R.T. 0.03 min

Lab File: VF062580.D

Acq: 14 May 2019 10:34

Instrument :

MSVOA_F

ClientSampleId :

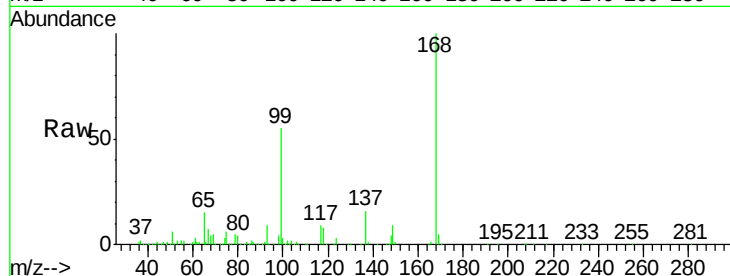
P021-SS010-0612-01

Tot Ion:168 Resp: 315642

Ion Ratio Lower Upper

168 100

99 54.7 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.08

100000

80000

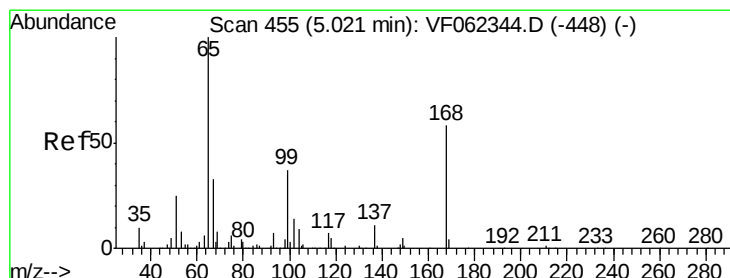
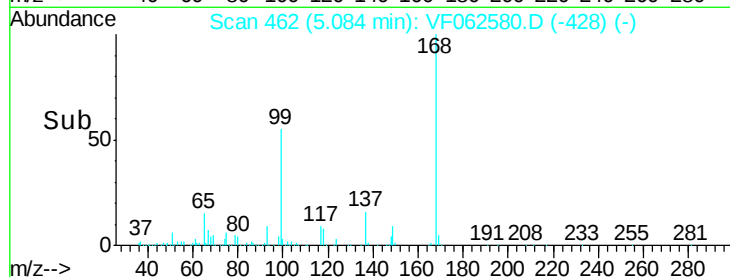
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.322 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.03 min

Lab File: VF062580.D

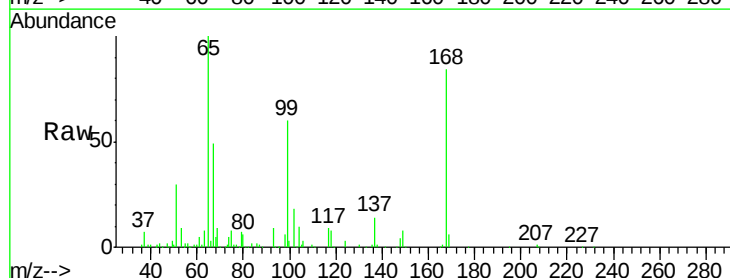
Acq: 14 May 2019 10:34

Tgt Ion: 65 Resp: 141160

Ion Ratio Lower Upper

65 100

67 47.3 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

50000

40000

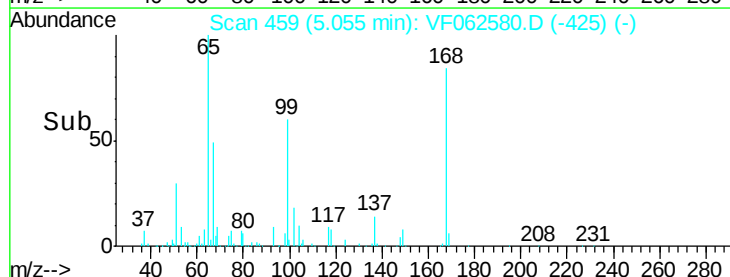
30000

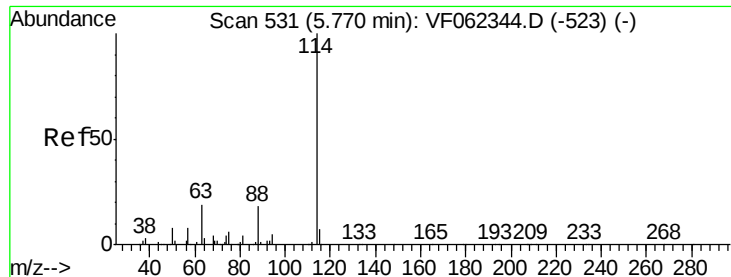
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 534

Delta R.T. 0.02 min

Lab File: VF062580.D

Acq: 14 May 2019 10:34

Instrument :

MSVOA_F

ClientSampleId :

P021-SS010-0612-01

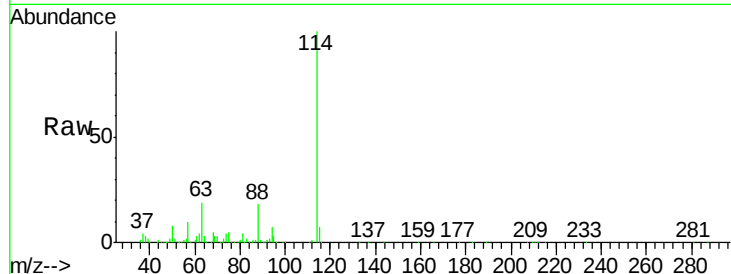
Tot Ion:114 Resp: 447099

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

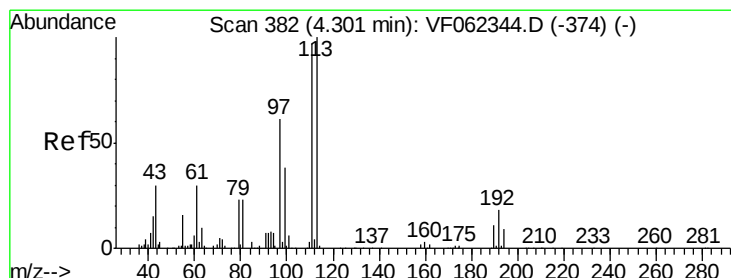
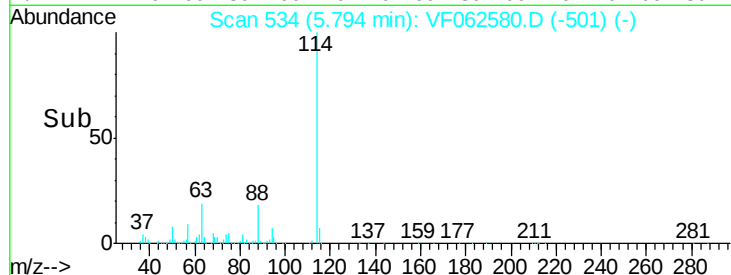
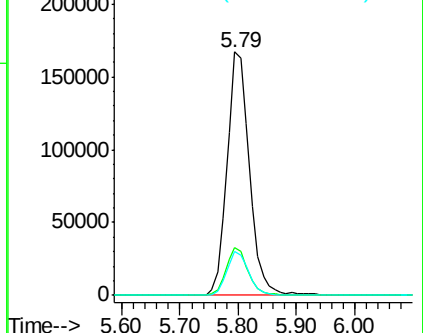
88 17.8 0.0 36.4



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: 44.863 ug/l

RT: 4.34 min Scan# 386

Delta R.T. 0.03 min

Lab File: VF062580.D

Acq: 14 May 2019 10:34

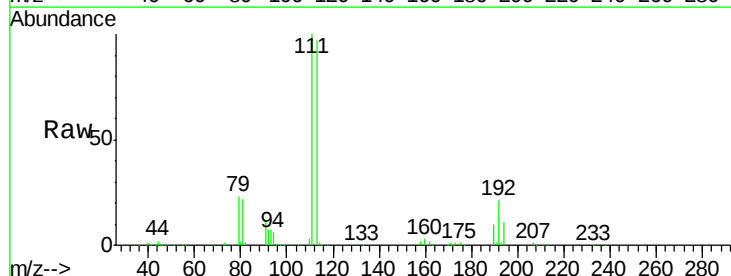
Tgt Ion:113 Resp: 159800

Ion Ratio Lower Upper

113 100

111 103.9 79.4 119.0

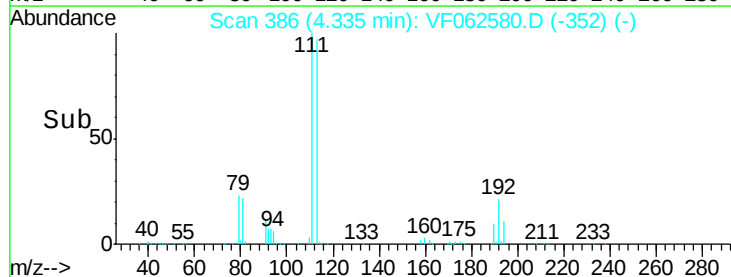
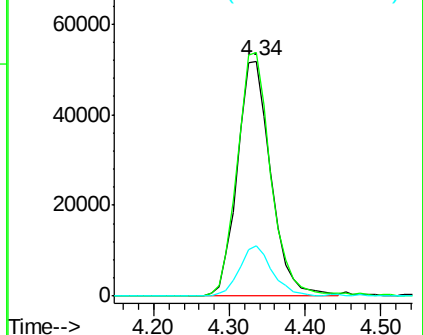
192 21.0 16.0 24.0

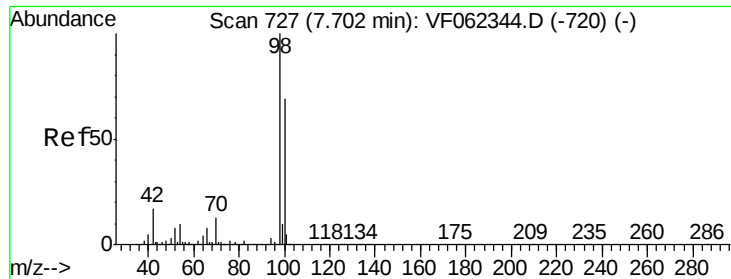


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

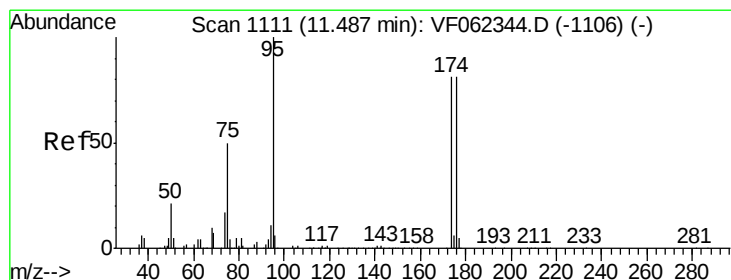
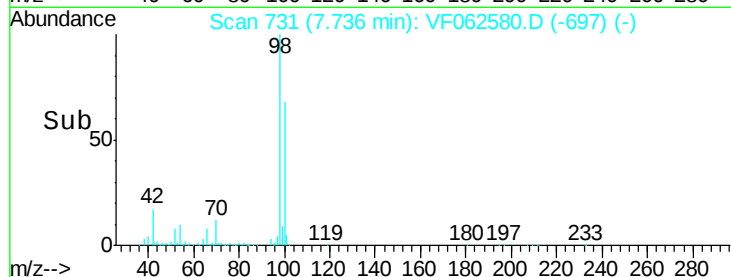
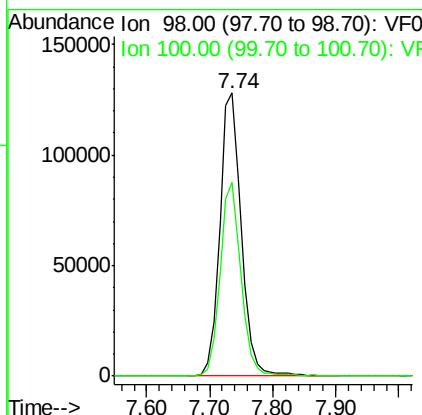
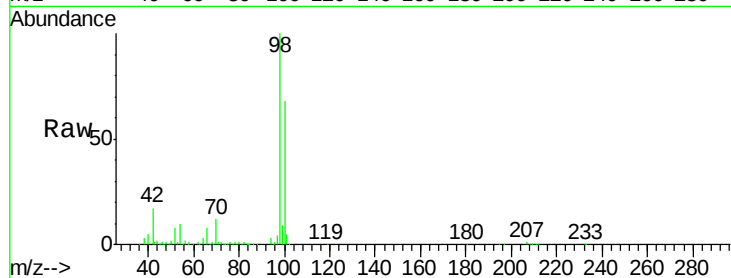




#50
Toluene-d8
Concen: 35.315 ug/l
RT: 7.74 min Scan# 731
Delta R.T. 0.03 min
Lab File: VF062580.D
Acq: 14 May 2019 10:34

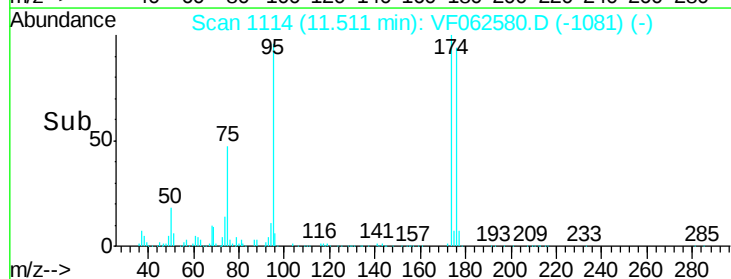
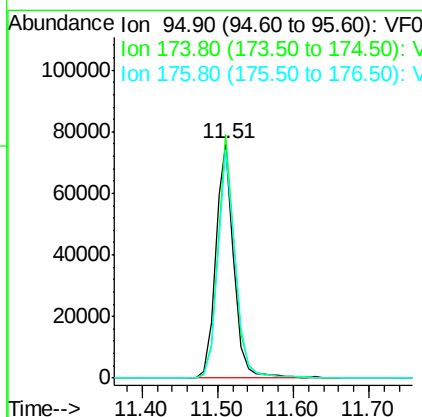
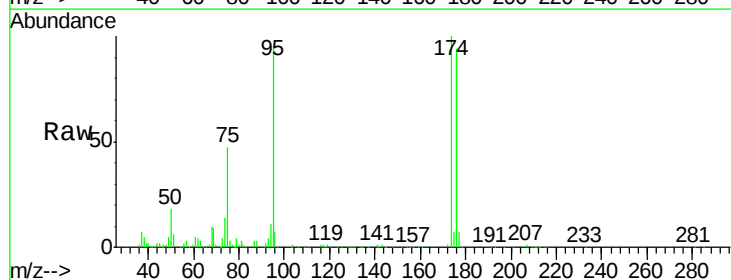
Instrument :
MSVOA_F
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P021-SS010-0612-01

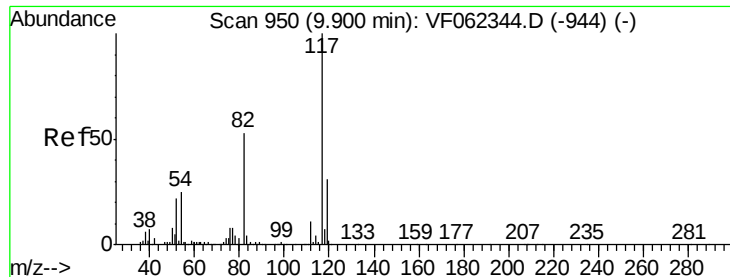
Tot Ion: 98 Resp: 304498
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 32.706 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VF062580.D
Acq: 14 May 2019 10:34

Tgt Ion: 95 Resp: 127228
Ion Ratio Lower Upper
95 100
174 98.6 0.0 191.8
176 94.6 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: VF062580.D

Acq: 14 May 2019 10:34

Instrument :

MSVOA_F

ClientSampleId :

P021-SS010-0612-01

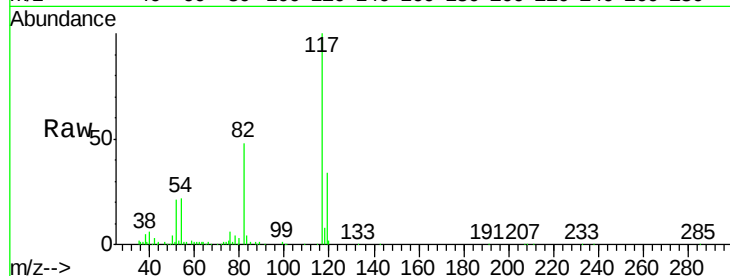
Tot Ion:117 Resp: 335905

Ion Ratio Lower Upper

117 100

82 48.3 42.2 63.2

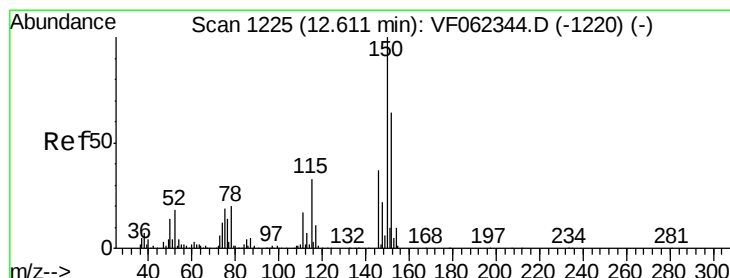
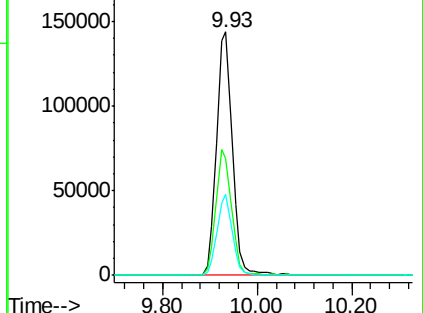
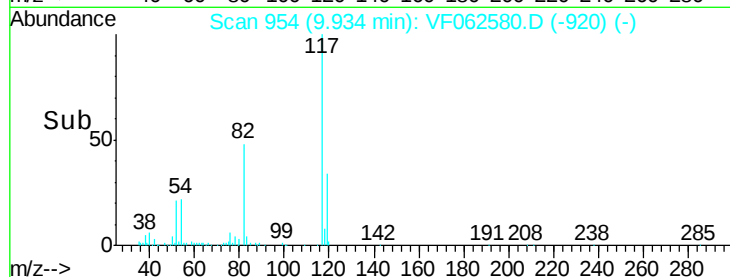
119 33.5 25.0 37.4



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: 12.63 min Scan# 1227

Delta R.T. 0.01 min

Lab File: VF062580.D

Acq: 14 May 2019 10:34

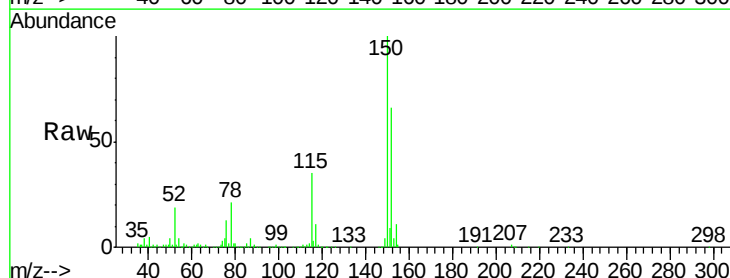
Tgt Ion:152 Resp: 164462

Ion Ratio Lower Upper

152 100

115 53.0 26.4 79.2

150 151.0 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

