

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041919\
 Data File : VF062219.D
 Acq On : 19 Apr 2019 12:22
 Operator : FY/SY
 Sample : VF0419SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 19 15:47:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 03:56:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	469789	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	720104	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	532288	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	338432	50.00	ug/l	0.00

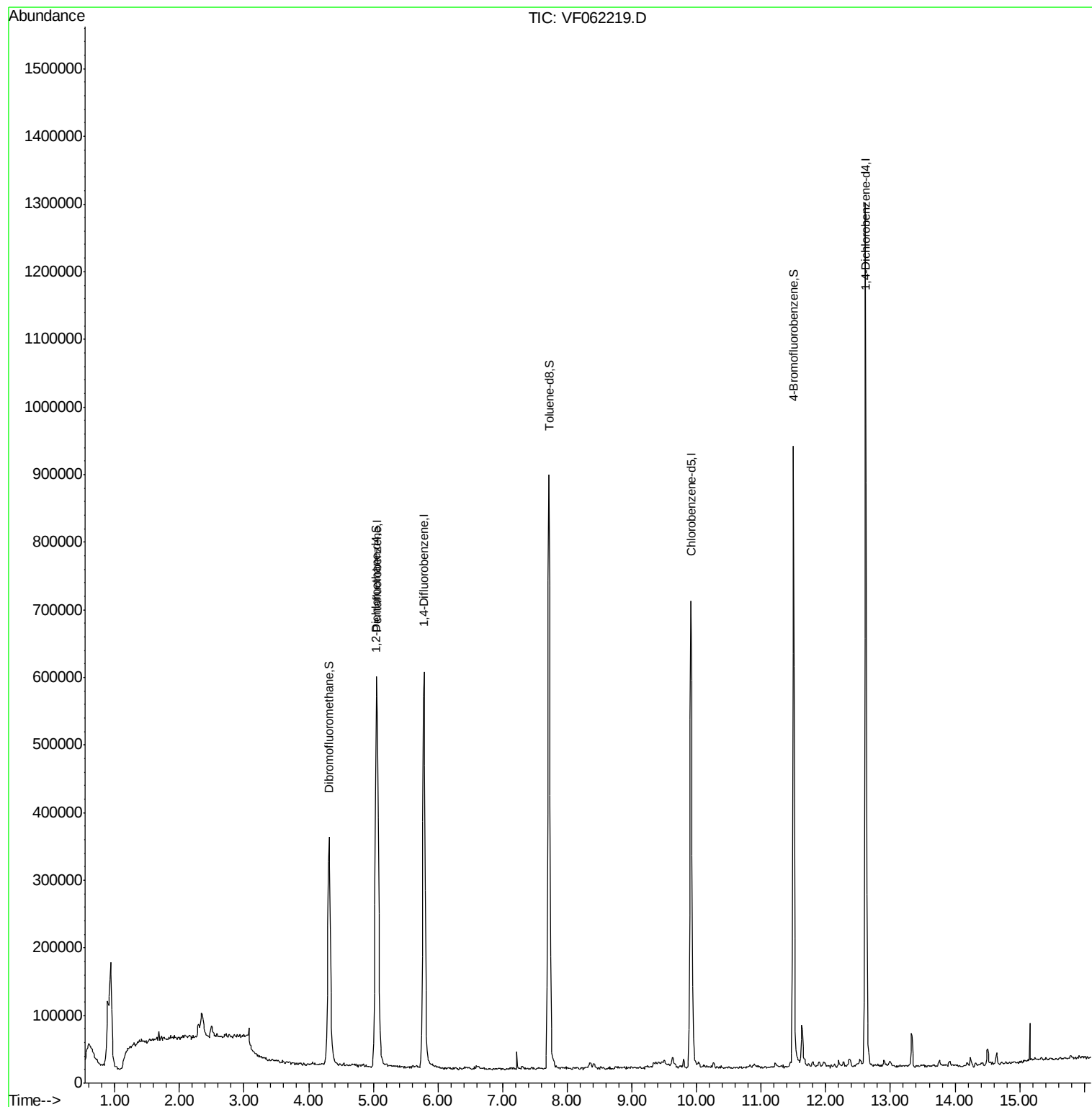
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	239524	55.60	ug/l	0.02
Spiked Amount 50.000			Recovery	=	111.20%	
35) Dibromofluoromethane	4.31	113	329063	52.24	ug/l	0.02
Spiked Amount 50.000			Recovery	=	104.48%	
50) Toluene-d8	7.72	98	789277	49.50	ug/l	0.02
Spiked Amount 50.000			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.50	95	333116	54.31	ug/l	0.02
Spiked Amount 50.000			Recovery	=	108.62%	

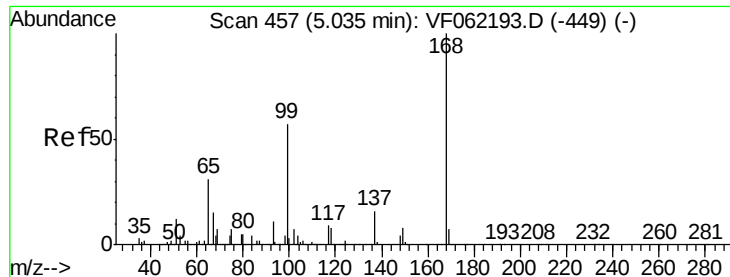
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 19 03:56:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.03 min

Lab File: VF062219.D

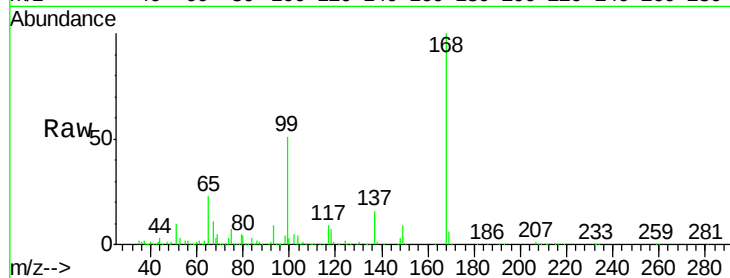
Acq: 19 Apr 2019 12:22

Tot Ion:168 Resp: 469789

Ion Ratio Lower Upper

168 100

99 50.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

150000

100000

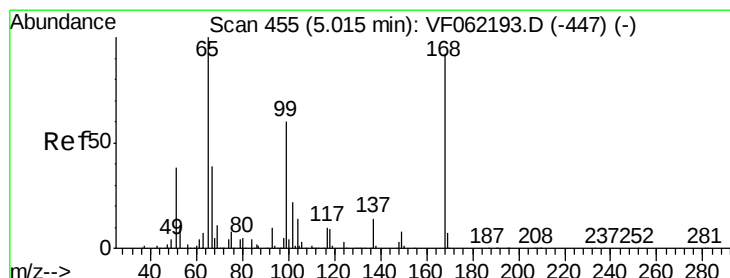
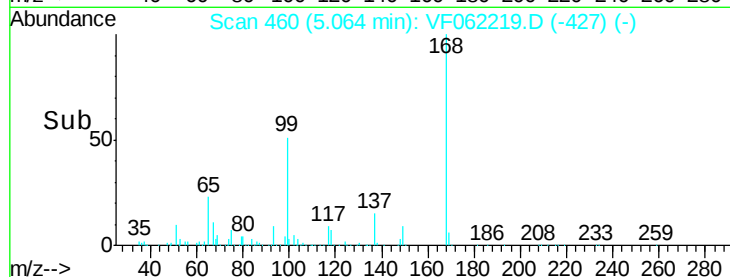
50000

0

Time-->

5.06

5.20



#33

1,2-Dichloroethane-d4

Concen: 55.604 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062219.D

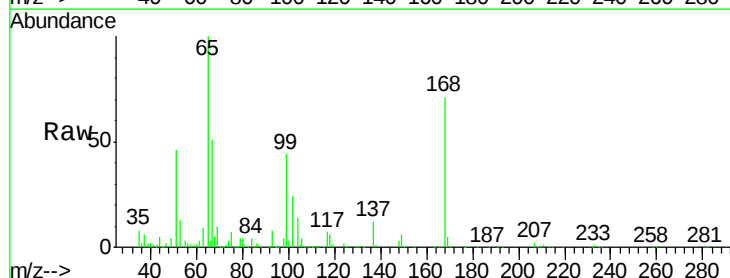
Acq: 19 Apr 2019 12:22

Tgt Ion: 65 Resp: 239524

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

80000

60000

40000

20000

0

Time-->

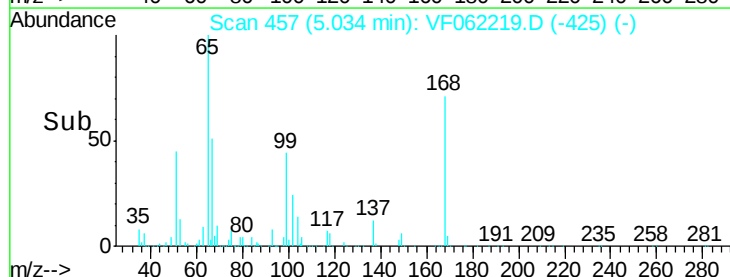
4.90

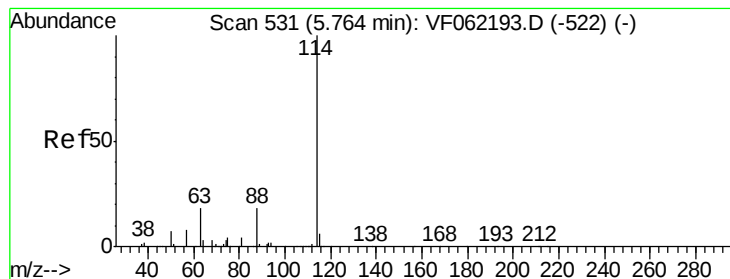
5.00

5.10

5.20

5.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062219.D

Acq: 19 Apr 2019 12:22

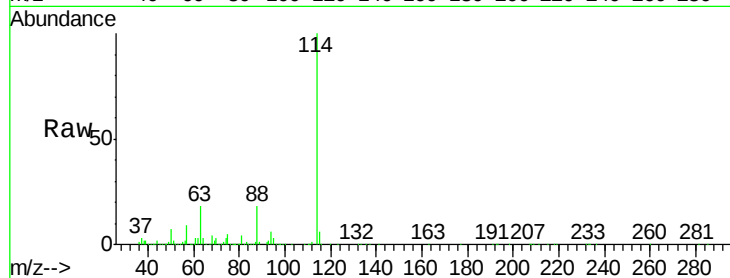
Tot Ion:114 Resp: 720104

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.6

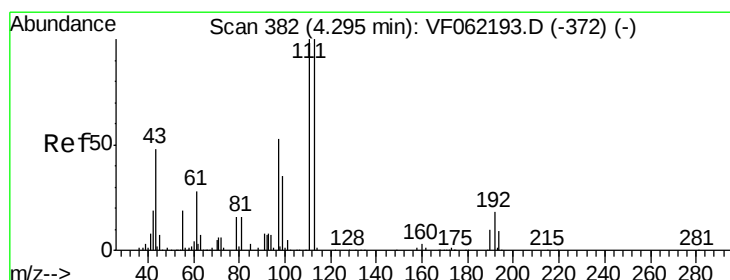
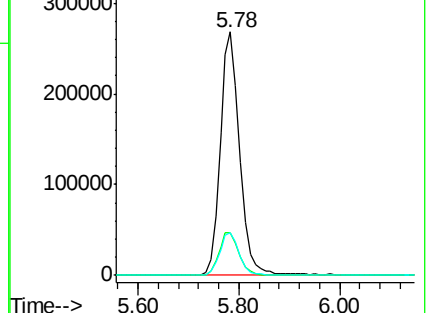
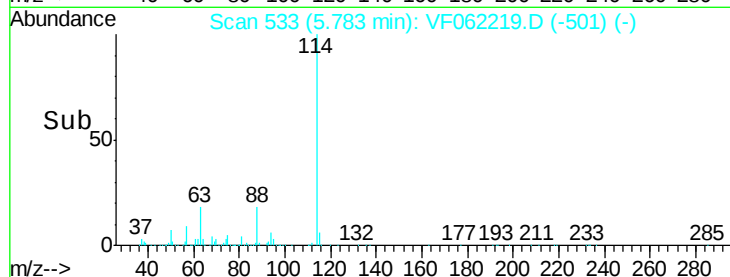
88 17.6 0.0 35.8



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: 52.240 ug/l

RT: 4.31 min Scan# 384

Delta R.T. 0.02 min

Lab File: VF062219.D

Acq: 19 Apr 2019 12:22

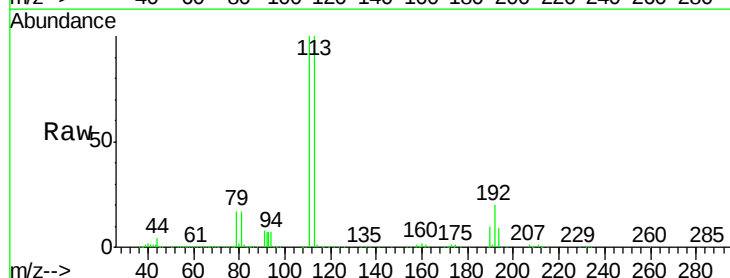
Tgt Ion:113 Resp: 329063

Ion Ratio Lower Upper

113 100

111 101.2 81.1 121.7

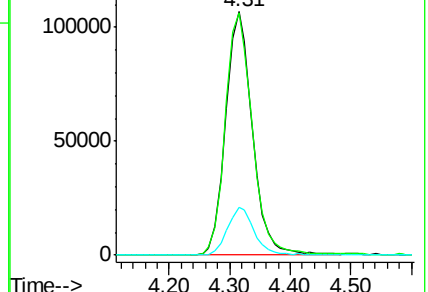
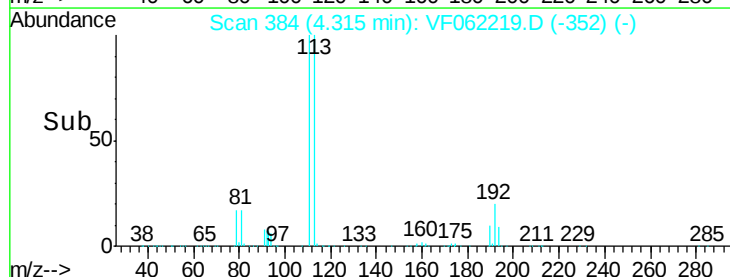
192 19.7 14.7 22.1

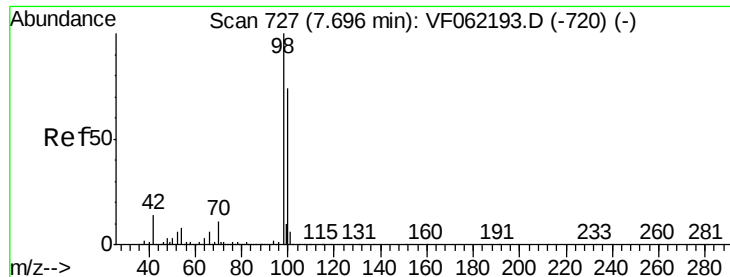


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.500 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.02 min

Lab File: VF062219.D

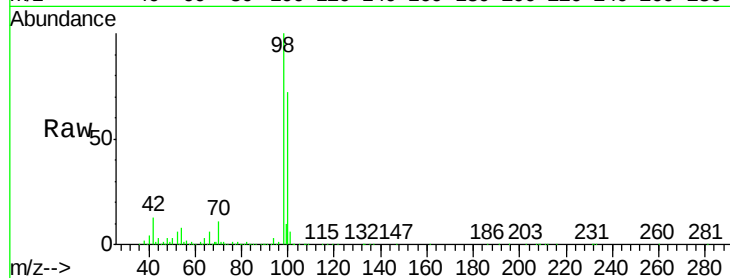
Acq: 19 Apr 2019 12:22

Tot Ion: 98 Resp: 789277

Ion Ratio Lower Upper

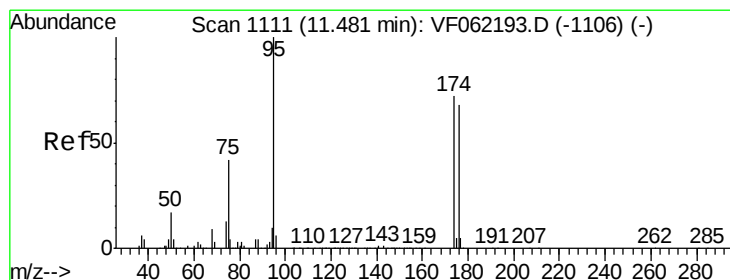
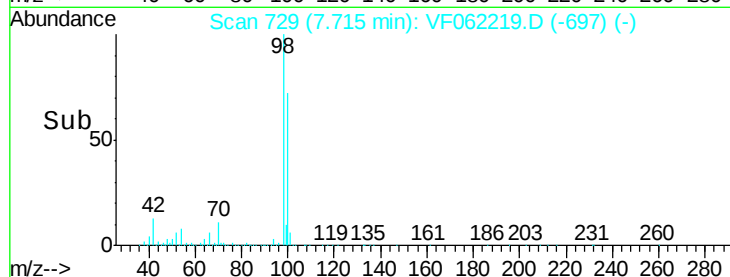
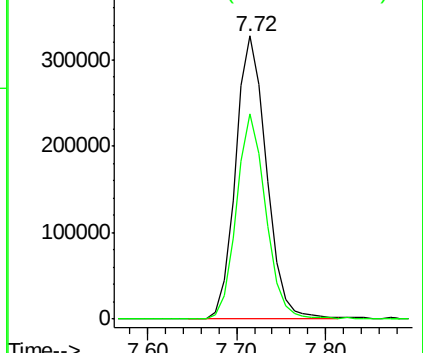
98 100

100 69.5 56.2 84.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#62

4-Bromofluorobenzene

Concen: 54.307 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062219.D

Acq: 19 Apr 2019 12:22

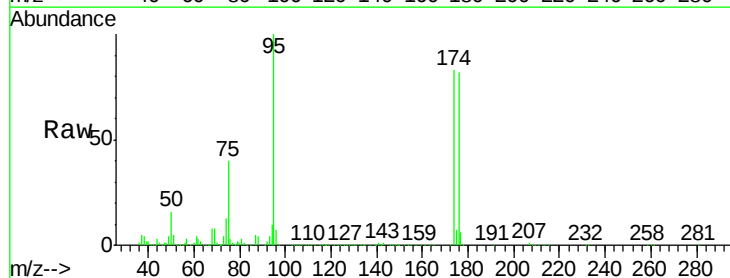
Tgt Ion: 95 Resp: 333116

Ion Ratio Lower Upper

95 100

174 85.4 0.0 159.4

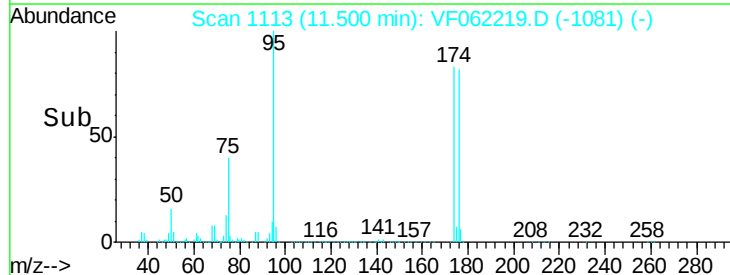
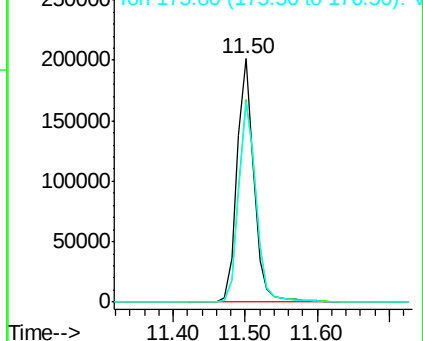
176 84.5 0.0 155.4

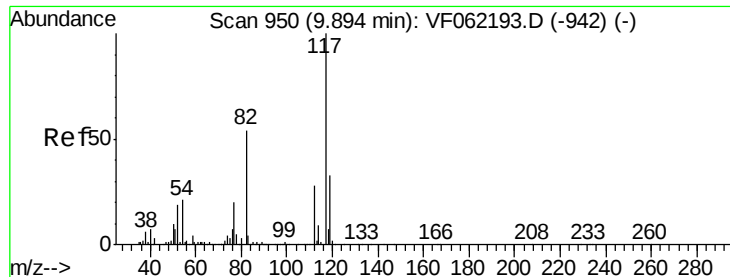


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.02 min

Lab File: VF062219.D

Acq: 19 Apr 2019 12:22

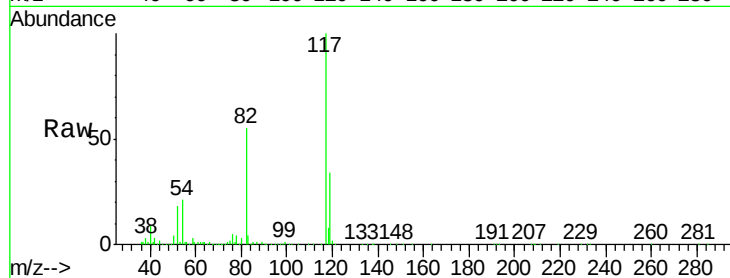
Tot Ion:117 Resp: 532288

Ion Ratio Lower Upper

117 100

82 54.7 43.2 64.8

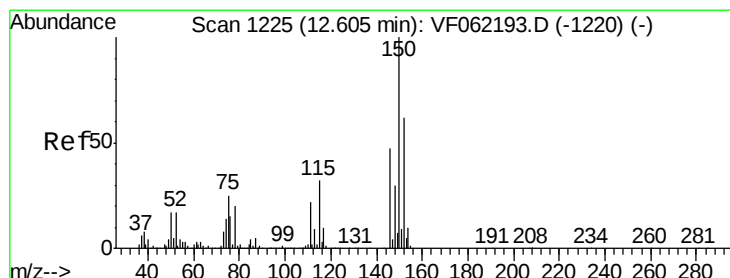
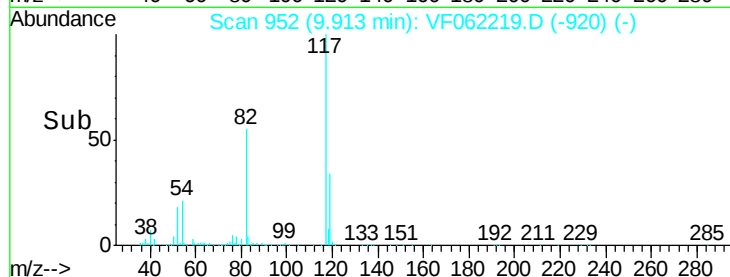
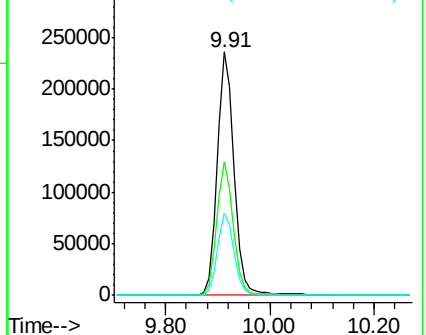
119 33.8 26.2 39.4



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: 12.61 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062219.D

Acq: 19 Apr 2019 12:22

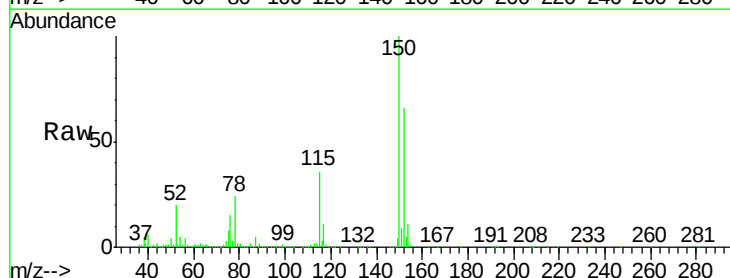
Tgt Ion:152 Resp: 338432

Ion Ratio Lower Upper

152 100

115 54.1 27.8 83.3

150 153.0 0.0 341.8



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

