

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051319\
 Data File : VF062578.D
 Acq On : 14 May 2019 9:38
 Operator : FY/SY
 Sample : K2757-06
 Misc : 6.66q/5mL/MSVOA F/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS010-0002-01

Quant Time: May 14 11:18:56 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	89235	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.79	114	92944	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	57839	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	17327	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	18832	22.33	ug/l	0.03
Spiked Amount	50.000		Recovery	=	44.66%	
35) Dibromofluoromethane	4.32	113	27923	37.71	ug/l	0.02
Spiked Amount	50.000		Recovery	=	75.42%	
50) Toluene-d8	7.73	98	62132	34.66	ug/l	0.02
Spiked Amount	50.000		Recovery	=	69.32%	
62) 4-Bromofluorobenzene	11.50	95	15727	19.45	ug/l	0.01
Spiked Amount	50.000		Recovery	=	38.90%	

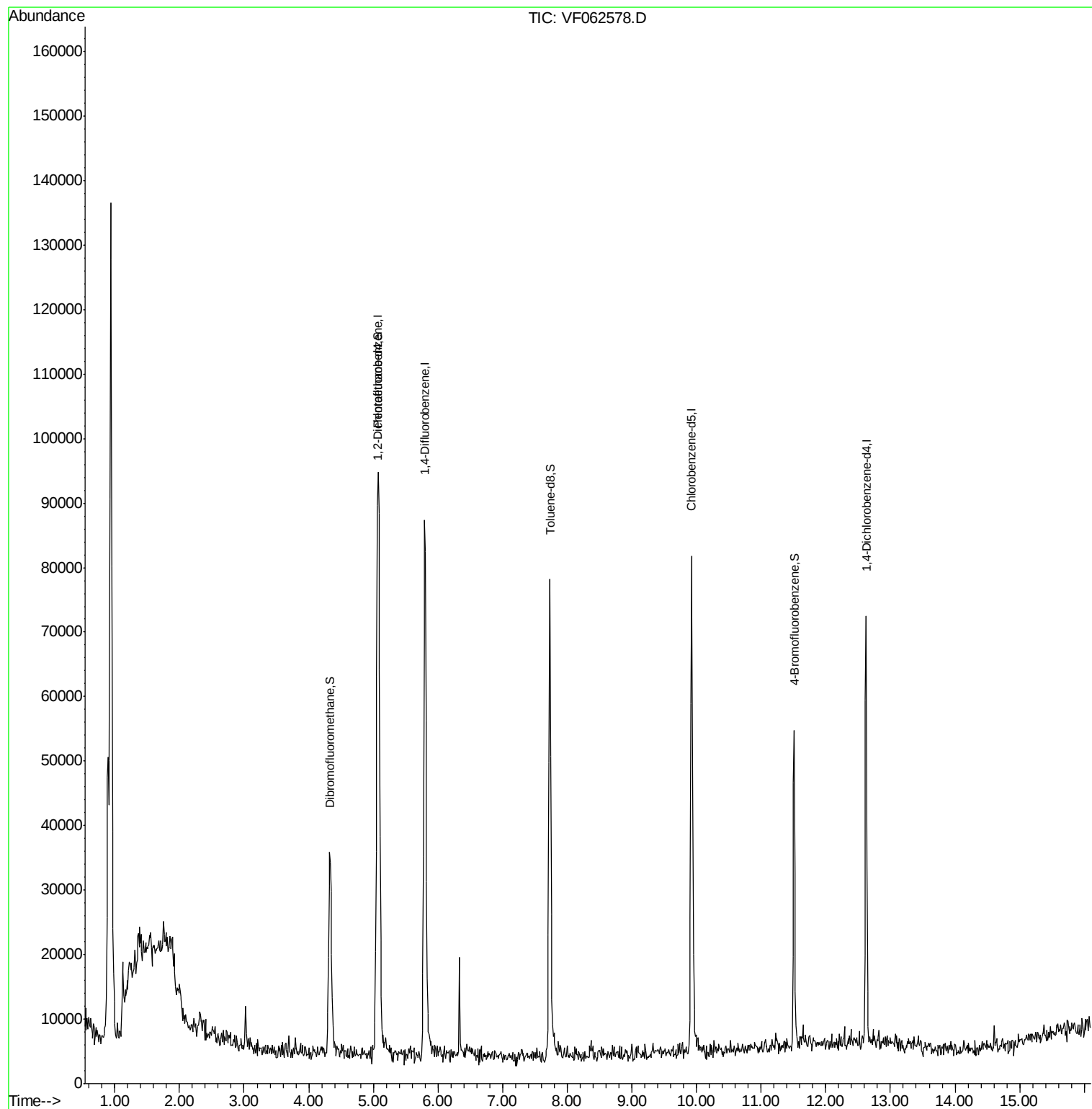
Target Compounds	Qvalue

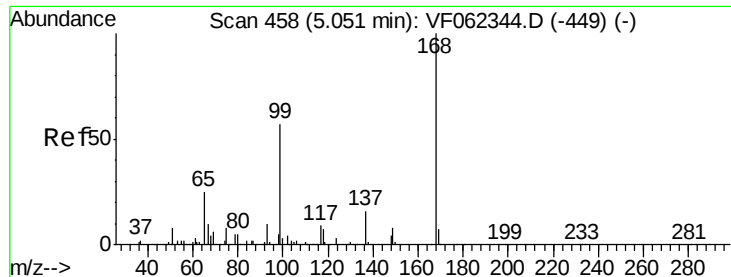
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 462

Delta R.T. 0.03 min

Lab File: VF062578.D

Acq: 14 May 2019 9:38

Instrument :

MSVOA_F

ClientSampleId :

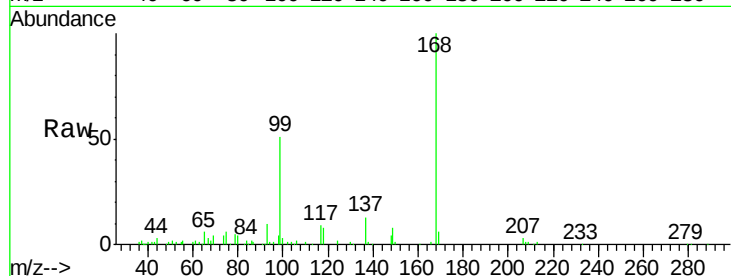
P021-SS010-0002-01

Tot Ion:168 Resp: 89235

Ion Ratio Lower Upper

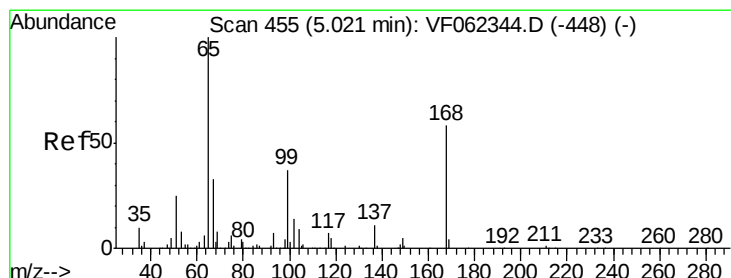
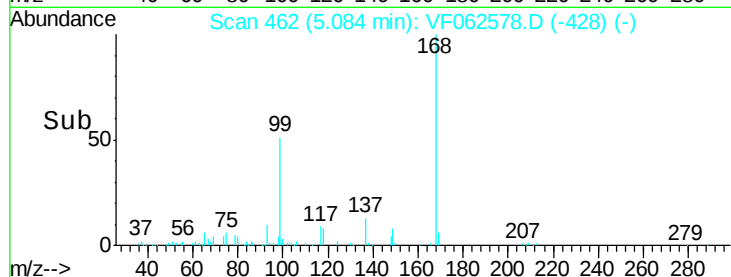
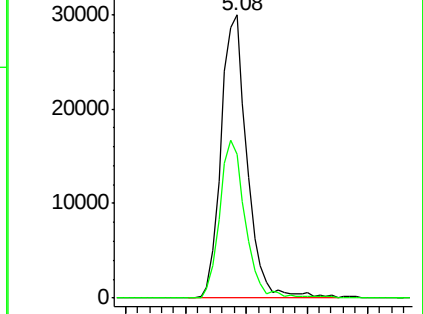
168 100

99 51.0 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 22.331 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.03 min

Lab File: VF062578.D

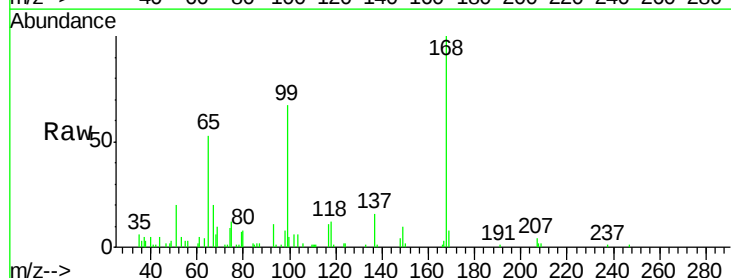
Acq: 14 May 2019 9:38

Tgt Ion: 65 Resp: 18832

Ion Ratio Lower Upper

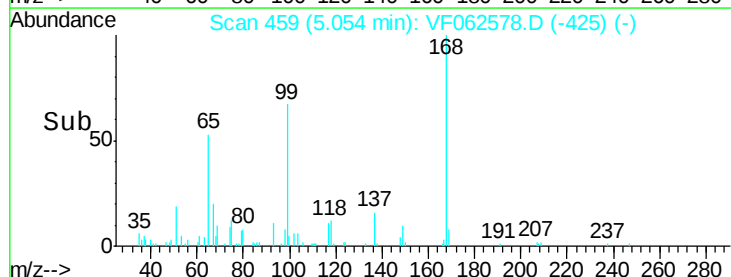
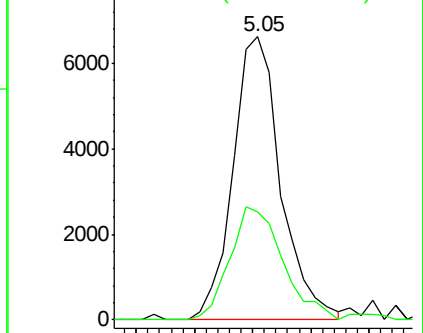
65 100

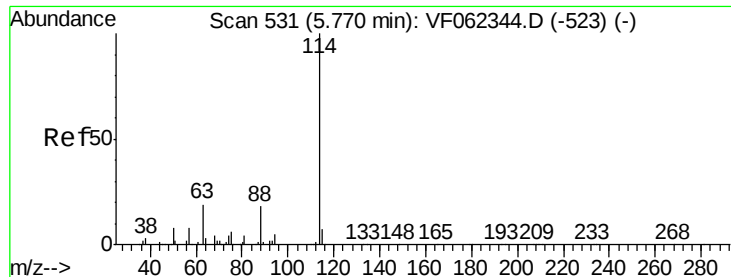
67 44.2 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 534

Delta R.T. 0.02 min

Lab File: VF062578.D

Acq: 14 May 2019 9:38

Instrument :

MSVOA_F

ClientSampleId :

P021-SS010-0002-01

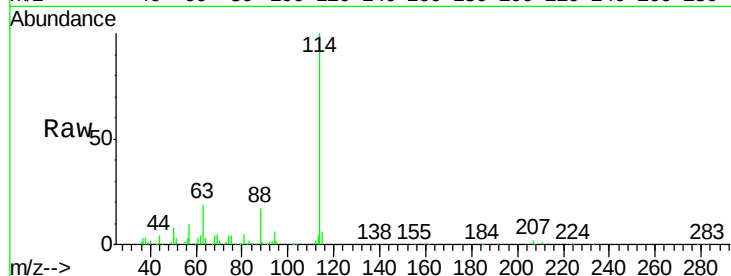
Tot Ion:114 Resp: 92944

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

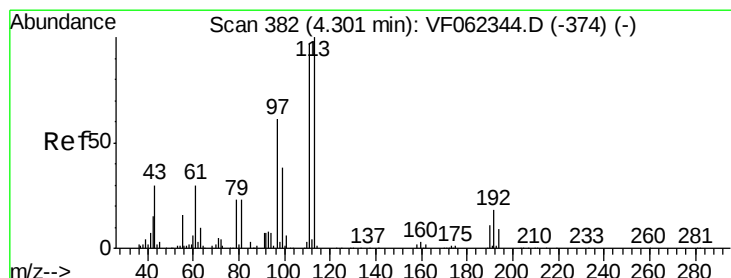
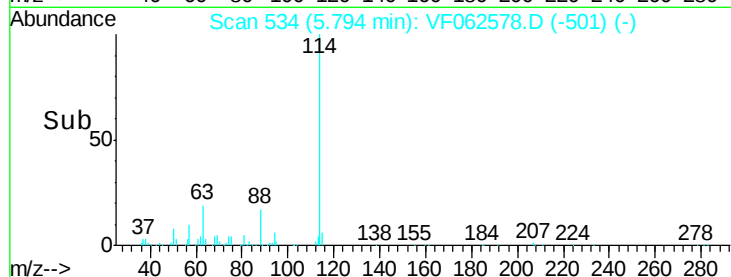
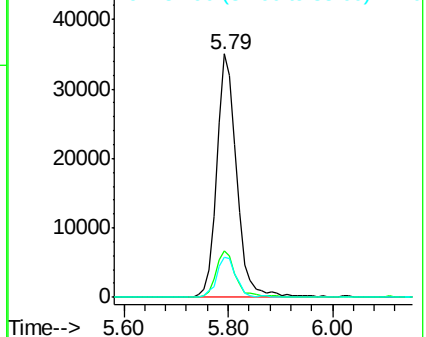
88 16.6 0.0 36.4



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: 37.710 ug/l

RT: 4.32 min Scan# 385

Delta R.T. 0.02 min

Lab File: VF062578.D

Acq: 14 May 2019 9:38

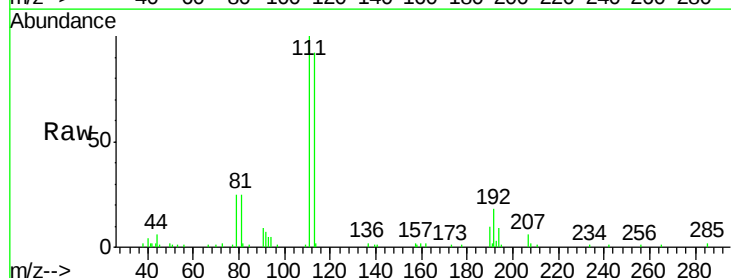
Tgt Ion:113 Resp: 27923

Ion Ratio Lower Upper

113 100

111 107.5 79.4 119.0

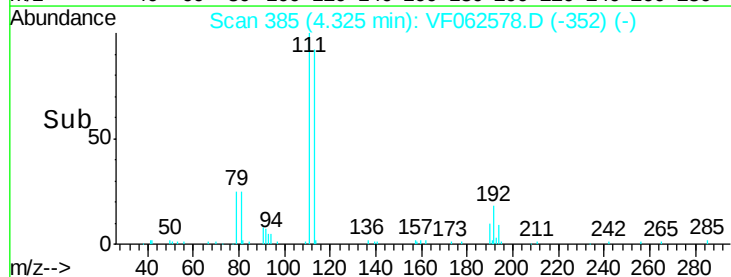
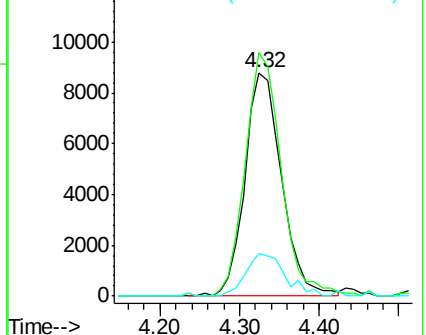
192 20.3 16.0 24.0

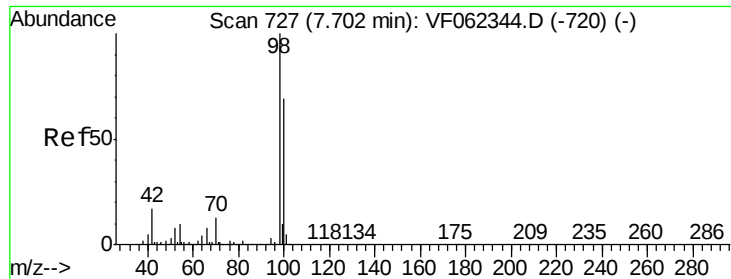


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 34.664 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.02 min

Lab File: VF062578.D

Acq: 14 May 2019 9:38

Instrument :

MSVOA_F

ClientSampleId :

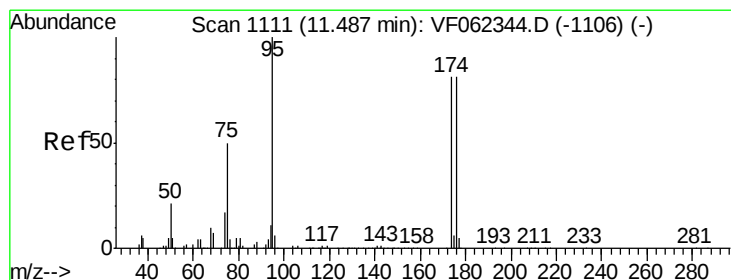
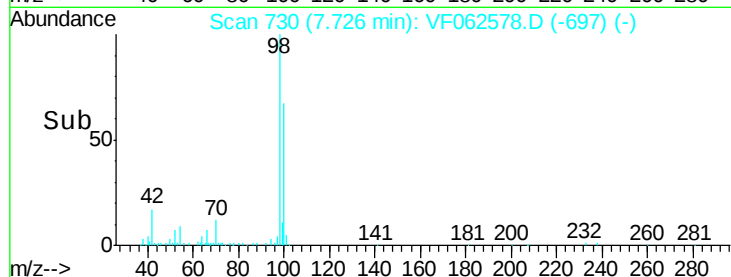
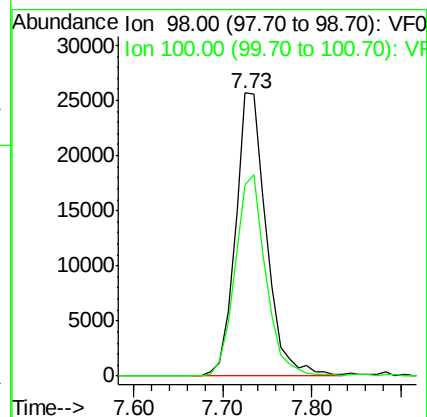
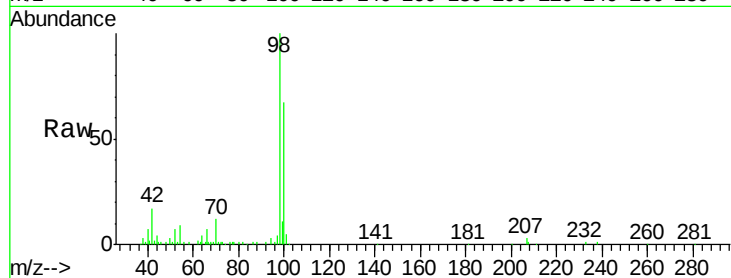
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Tot Ion: 98 Resp: 62132

Ion Ratio Lower Upper

98 100

100 70.7 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 19.448 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF062578.D

Acq: 14 May 2019 9:38

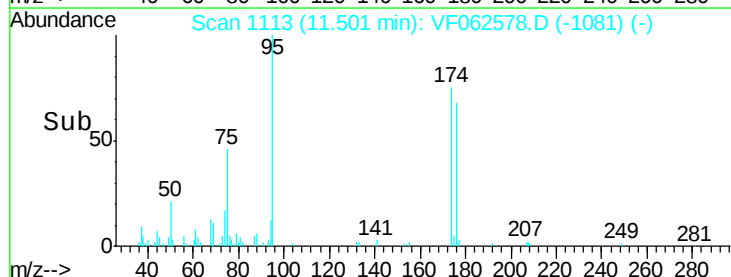
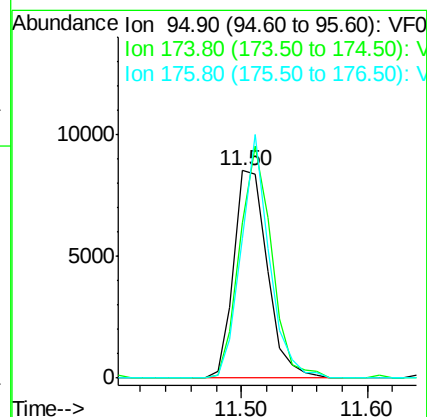
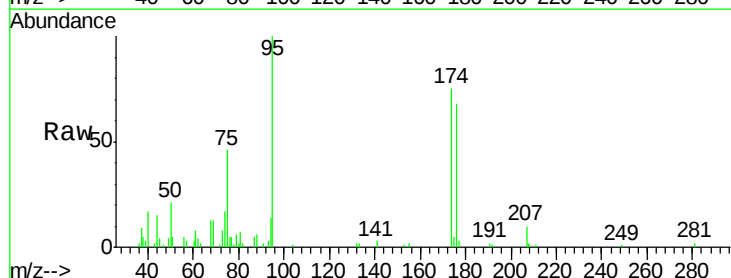
Tgt Ion: 95 Resp: 15727

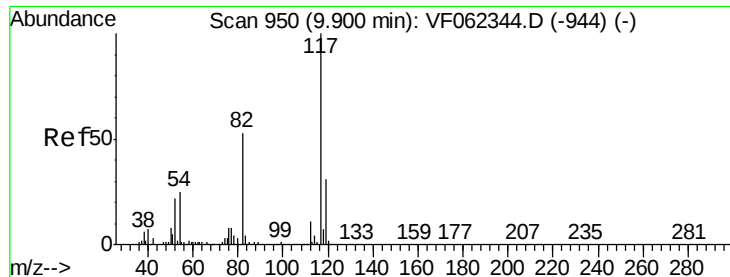
Ion Ratio Lower Upper

95 100

174 105.7 0.0 191.8

176 97.8 0.0 193.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 953

Delta R.T. 0.02 min

Lab File: VF062578.D

Acq: 14 May 2019 9:38

Instrument :

MSVOA_F

ClientSampleId :

P021-SS010-0002-01

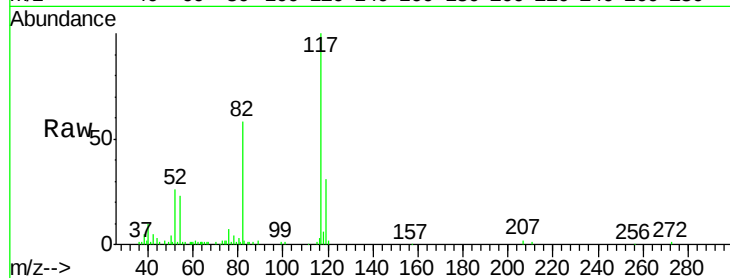
Tot Ion:117 Resp: 57839

Ion Ratio Lower Upper

117 100

82 57.7 42.2 63.2

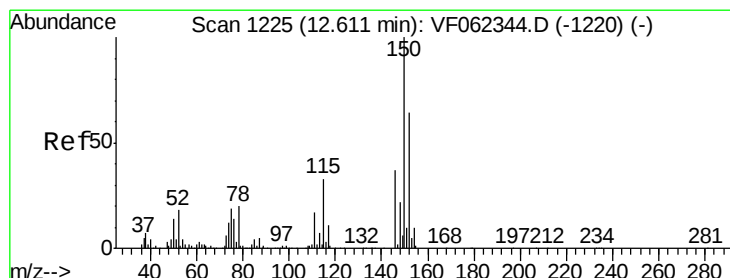
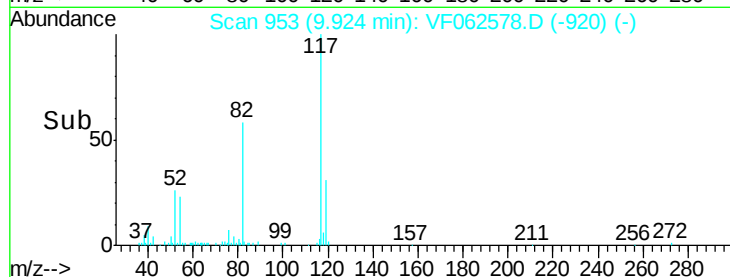
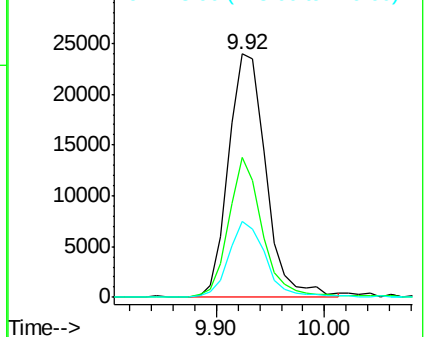
119 31.0 25.0 37.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VF062578.D

Acq: 14 May 2019 9:38

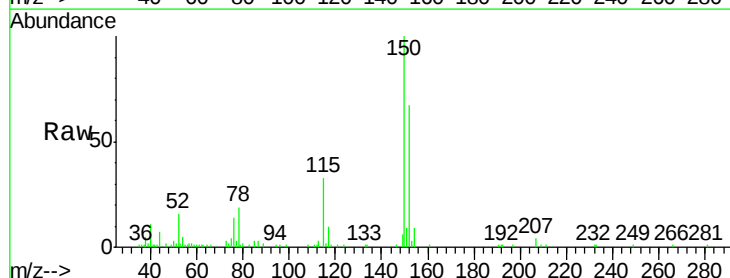
Tgt Ion:152 Resp: 17327

Ion Ratio Lower Upper

152 100

115 51.1 26.4 79.2

150 160.1 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

