

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051319\
 Data File : VF062541.D
 Acq On : 13 May 2019 14:59
 Operator : FY/SY
 Sample : K2786-13
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BP-VPB202-GW-258-260

Quant Time: May 13 15:54:03 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

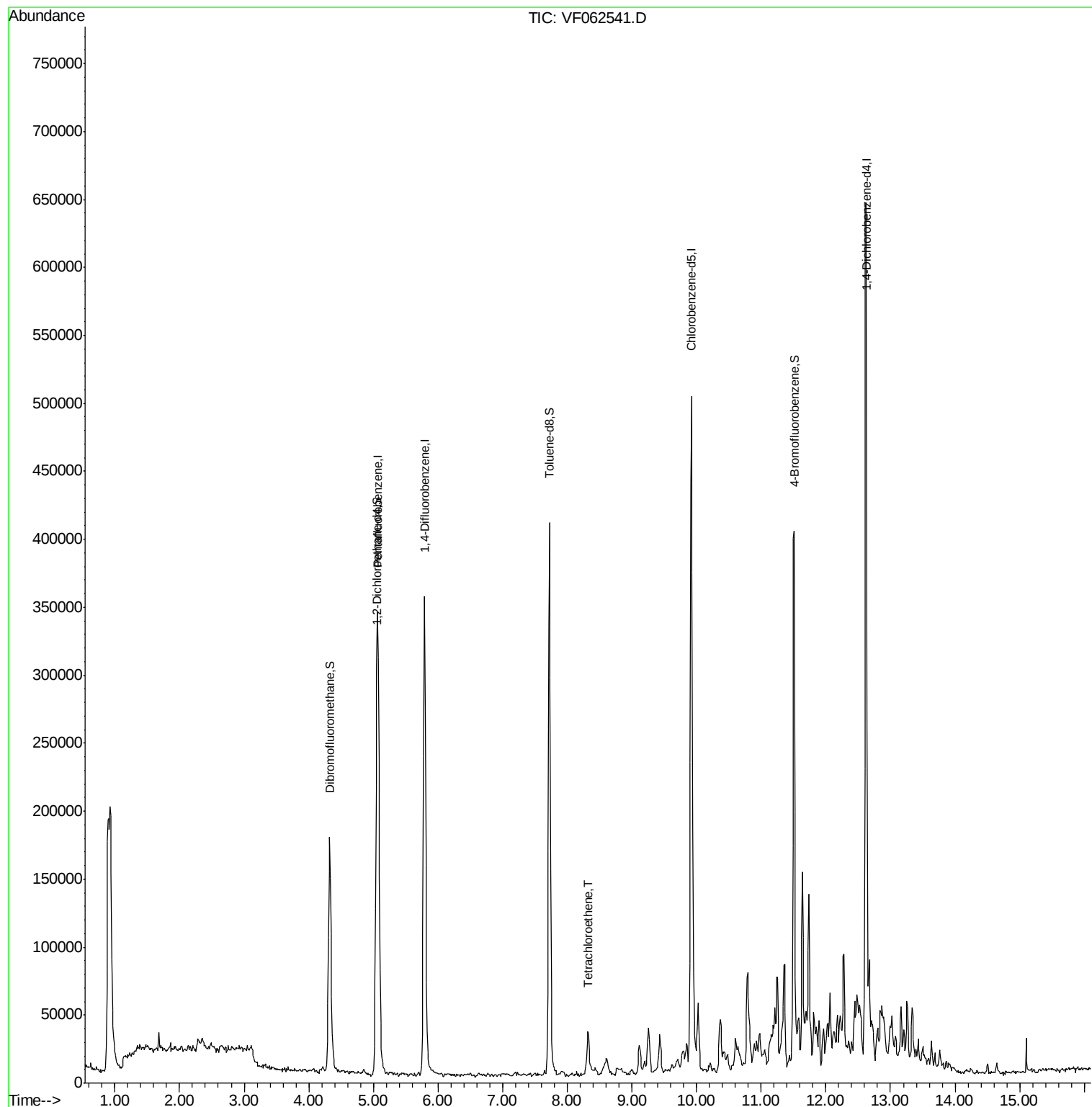
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	294049	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	404476	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	343208	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	188677	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	117786	42.39	ug/l	0.02
Spiked Amount 50.000			Recovery	=	84.78%	
35) Dibromofluoromethane	4.32	113	147115	45.65	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.30%	
50) Toluene-d8	7.72	98	319816	41.00	ug/l	0.02
Spiked Amount 50.000			Recovery	=	82.00%	
62) 4-Bromofluorobenzene	11.50	95	137845	39.17	ug/l	0.01
Spiked Amount 50.000			Recovery	=	78.34%	
Target Compounds						
64) Tetrachloroethene	8.32	164	9061	3.252	ug/l	Qvalue 87

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

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Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 461

Delta R.T. 0.02 min

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ClientSampleId :

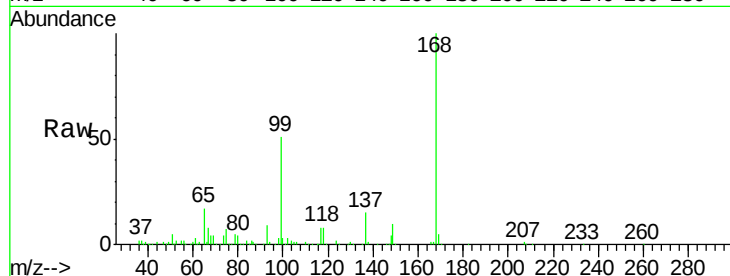
BP-VPB202-GW-258-260

Tot Ion:168 Resp: 294049

Ion Ratio Lower Upper

168 100

99 51.1 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

100000

80000

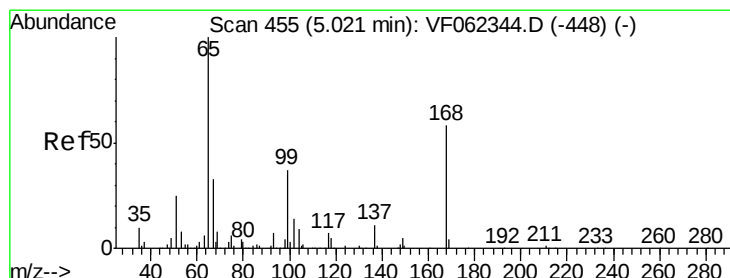
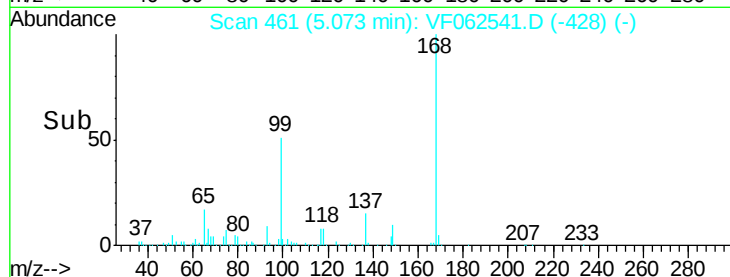
60000

40000

20000

0

Time--> 4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 42.386 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF062541.D

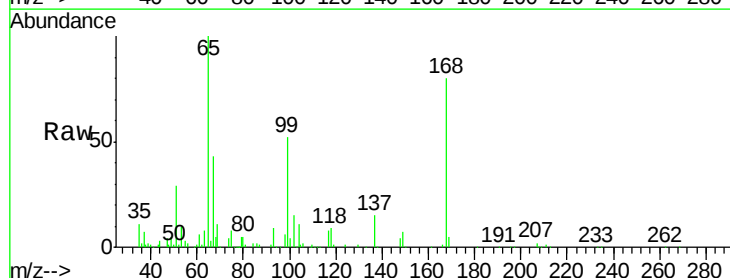
Acq: 13 May 2019 14:59

Tgt Ion: 65 Resp: 117786

Ion Ratio Lower Upper

65 100

67 47.2 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.04

40000

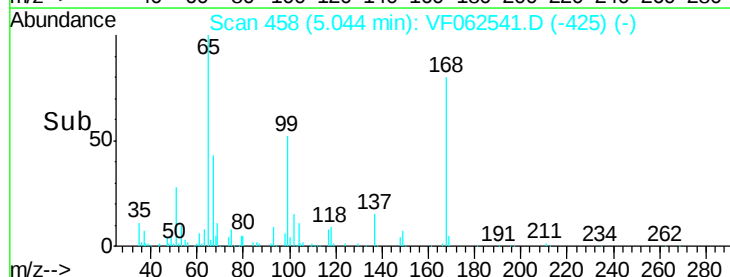
30000

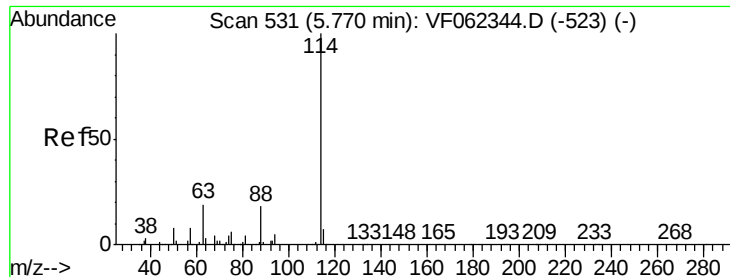
20000

10000

0

Time--> 4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 534

Delta R.T. 0.02 min

Lab File: VF062541.D

Acq: 13 May 2019 14:59

Instrument :

MSVOA_F

ClientSampleId :

BP-VPB202-GW-258-260

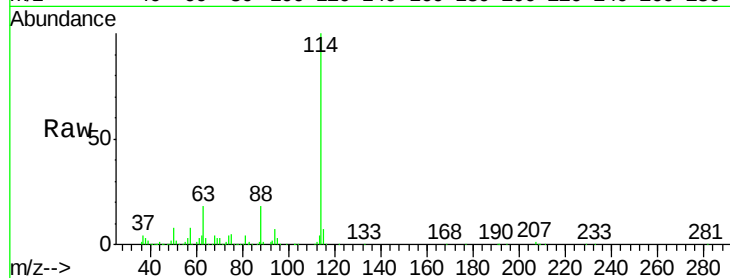
Tot Ion:114 Resp: 404476

Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.4

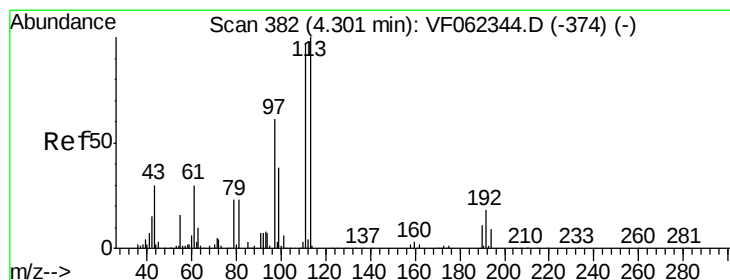
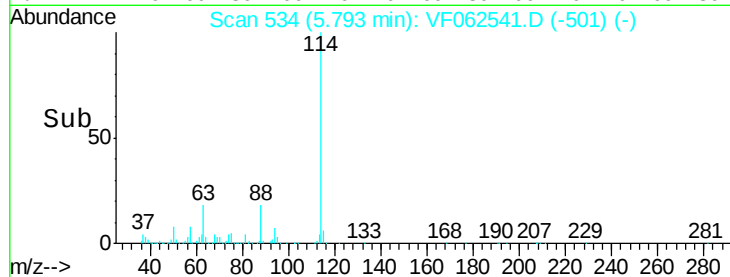
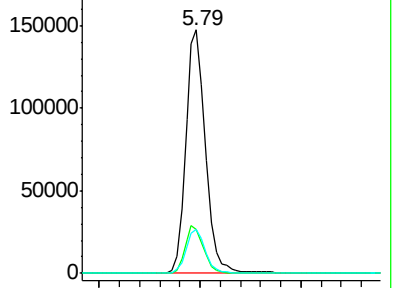
88 17.9 0.0 36.4



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: 45.654 ug/l

RT: 4.32 min Scan# 385

Delta R.T. 0.02 min

Lab File: VF062541.D

Acq: 13 May 2019 14:59

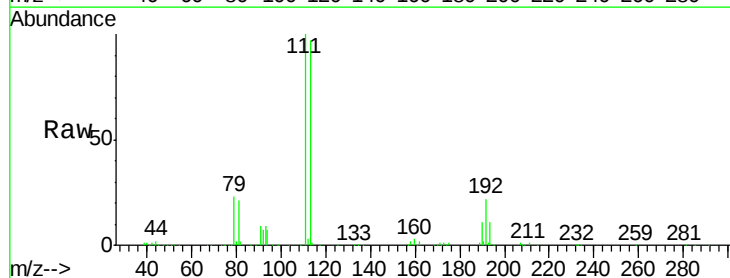
Tgt Ion:113 Resp: 147115

Ion Ratio Lower Upper

113 100

111 102.4 79.4 119.0

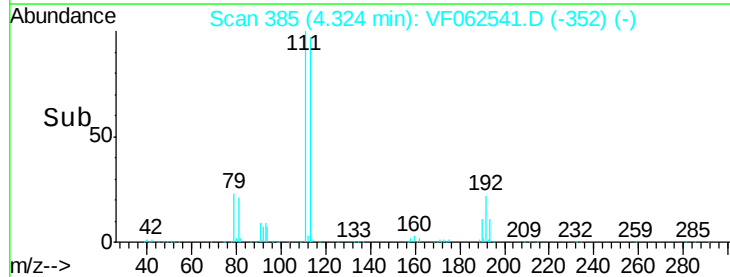
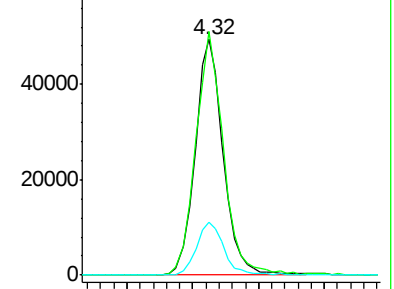
192 22.2 16.0 24.0

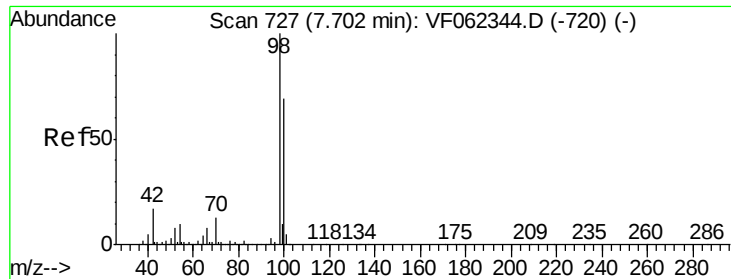


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 41.001 ug/l

RT: 7.72 min Scan# 730

Delta R.T. 0.02 min

Lab File: VF062541.D

Acq: 13 May 2019 14:59

Instrument :

MSVOA_F

ClientSampleId :

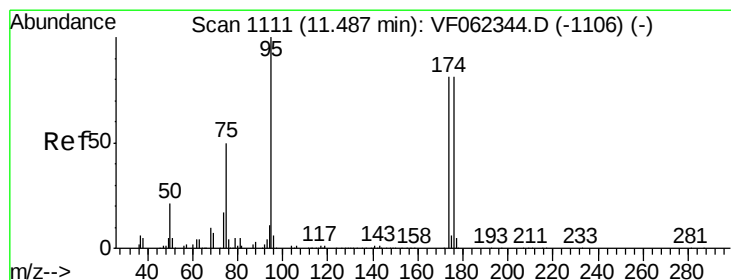
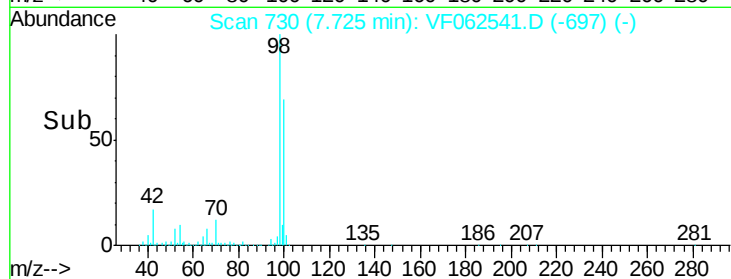
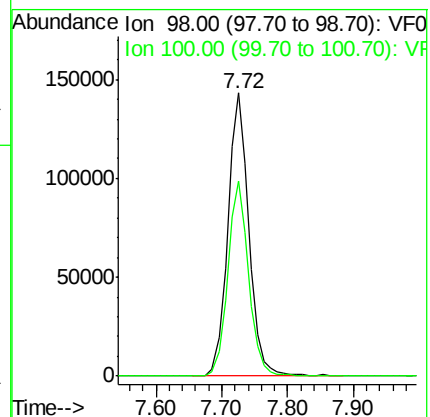
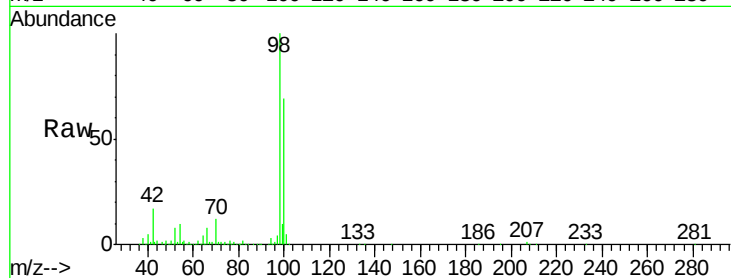
BP-VPB202-GW-258-260

Tot Ion: 98 Resp: 319816

Ion Ratio Lower Upper

98 100

100 68.3 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 39.169 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF062541.D

Acq: 13 May 2019 14:59

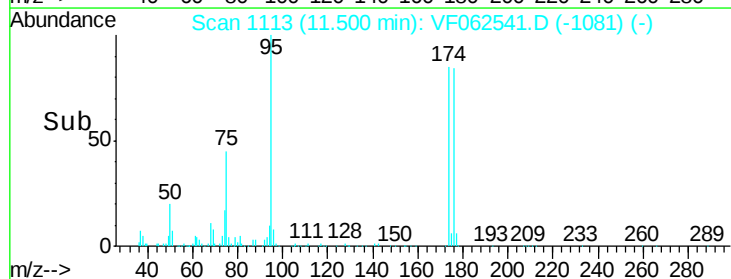
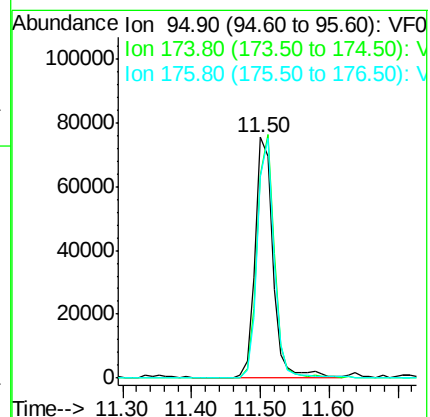
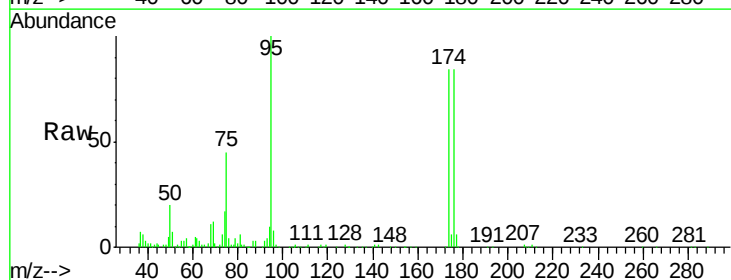
Tgt Ion: 95 Resp: 137845

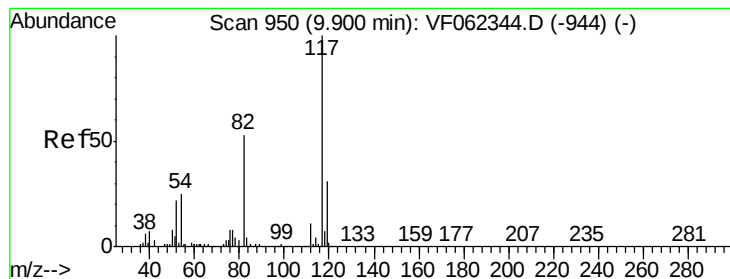
Ion Ratio Lower Upper

95 100

174 95.5 0.0 191.8

176 91.7 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: VF062541.D

Acq: 13 May 2019 14:59

Instrument :

MSVOA_F

ClientSampleId :

BP-VPB202-GW-258-260

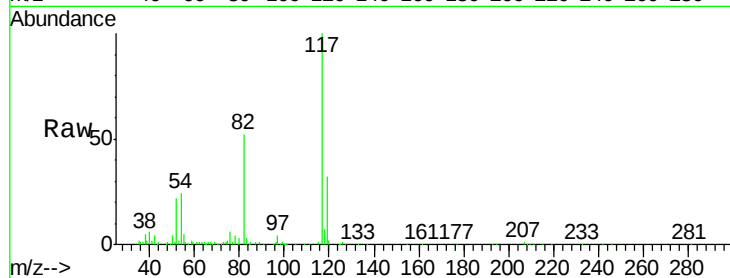
Tot Ion:117 Resp: 343208

Ion Ratio Lower Upper

117 100

82 52.2 42.2 63.2

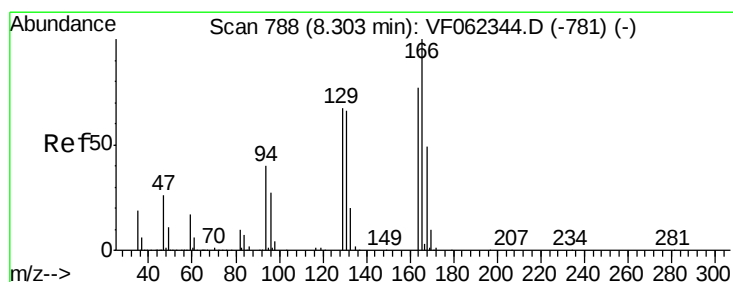
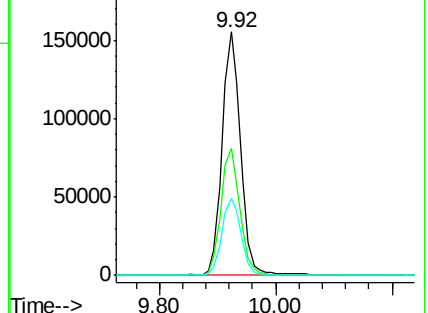
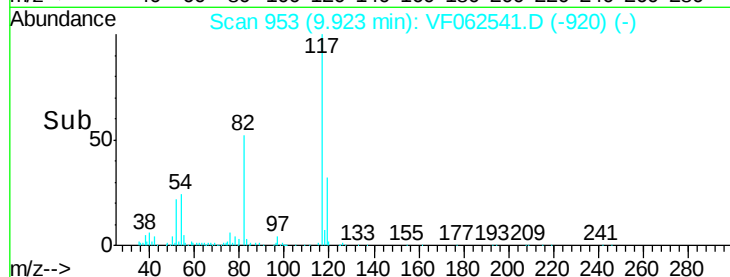
119 31.8 25.0 37.4



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



#64

Tetrachloroethene

Concen: 3.252 ug/l

RT: 8.32 min Scan# 790

Delta R.T. 0.01 min

Lab File: VF062541.D

Acq: 13 May 2019 14:59

Tgt Ion:164 Resp: 9061

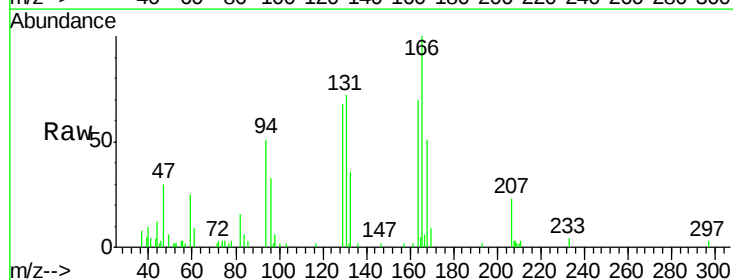
Ion Ratio Lower Upper

164 100

166 142.2 104.2 156.4

129 96.9 69.6 104.4

131 102.6 68.8 103.2

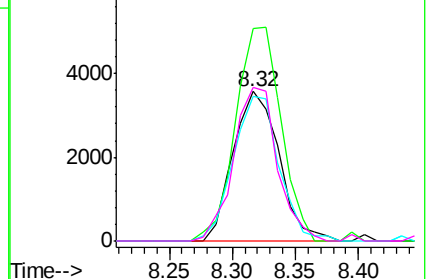
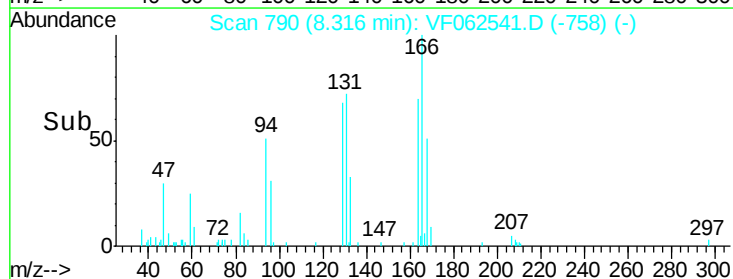


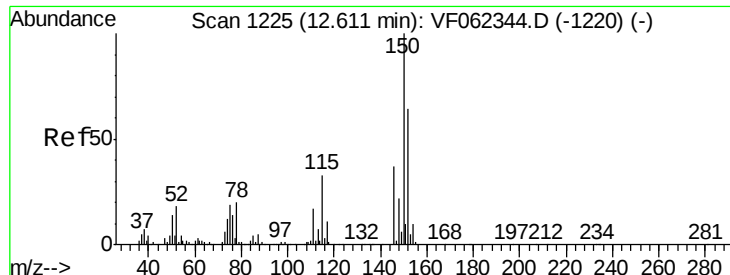
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VF062541.D

Acq: 13 May 2019 14:59

Instrument :

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ClientSampleId :

BP-VPB202-GW-258-260

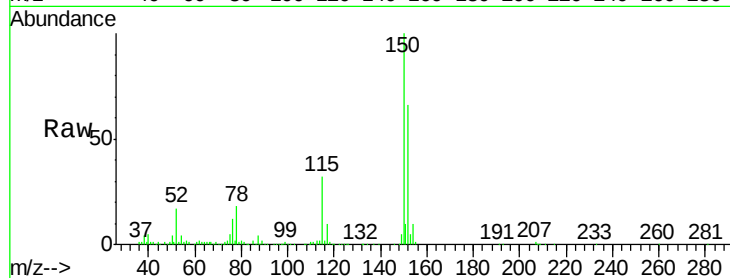
Tot Ion:152 Resp: 188677

Ion Ratio Lower Upper

152 100

115 52.8 26.4 79.2

150 151.3 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

