

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051319\
 Data File : VF062542.D
 Acq On : 13 May 2019 15:27
 Operator : FY/SY
 Sample : K2786-13RE
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: May 13 15:57:26 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

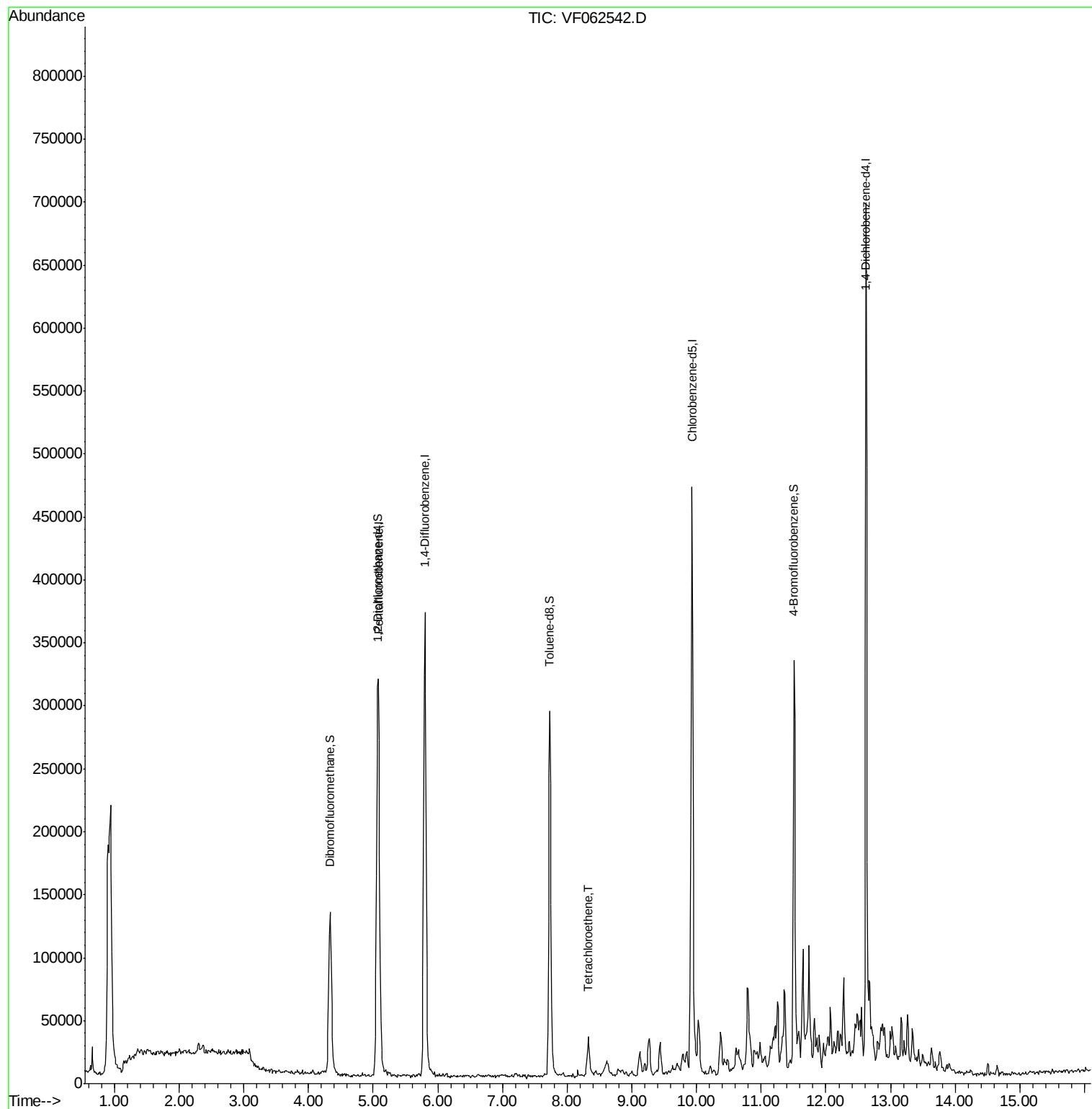
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	301267	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	402027	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	323989	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	176056	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	89548	31.45	ug/l	0.04
Spiked Amount 50.000			Recovery	=	62.90%	
35) Dibromofluoromethane	4.33	113	118255	36.92	ug/l	0.03
Spiked Amount 50.000			Recovery	=	73.84%	
50) Toluene-d8	7.73	98	249882	32.23	ug/l	0.03
Spiked Amount 50.000			Recovery	=	64.46%	
62) 4-Bromofluorobenzene	11.51	95	105502	30.16	ug/l	0.02
Spiked Amount 50.000			Recovery	=	60.32%	
Target Compounds						
64) Tetrachloroethene	8.33	164	9001	3.422	ug/l	Qvalue 90

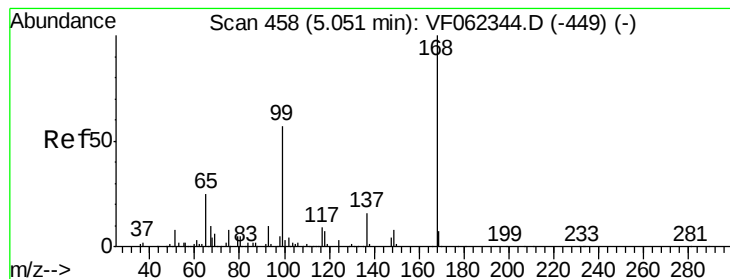
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.03 min

Lab File: VF062542.D

Acq: 13 May 2019 15:27

Instrument :

MSVOA_F

ClientSampleId :

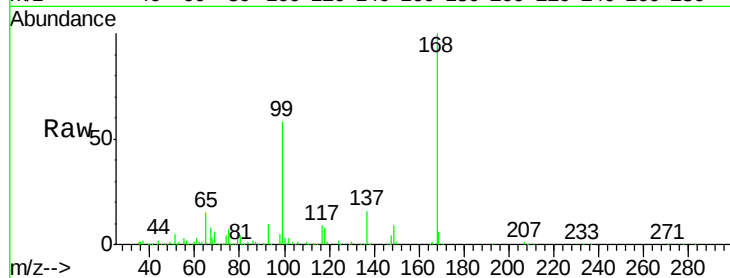
BP-VPB202-GW-258-260RE

Tot Ion:168 Resp: 301267

Ion Ratio Lower Upper

168 100

99 57.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.08

100000

80000

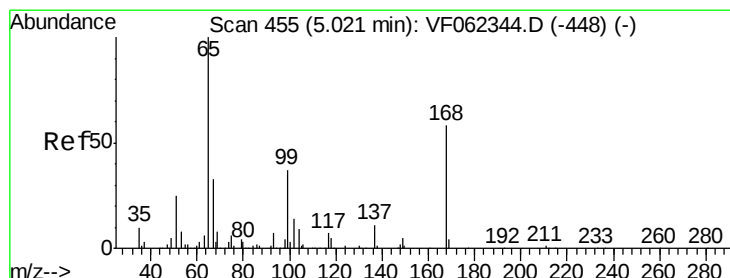
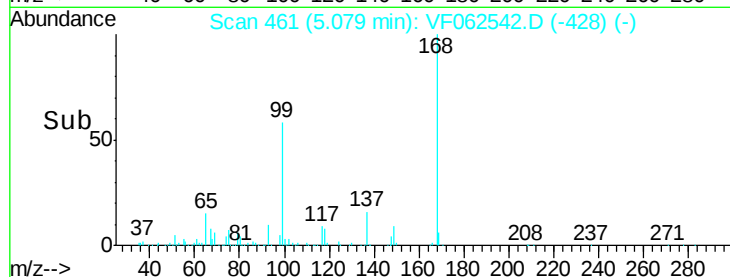
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 31.452 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.04 min

Lab File: VF062542.D

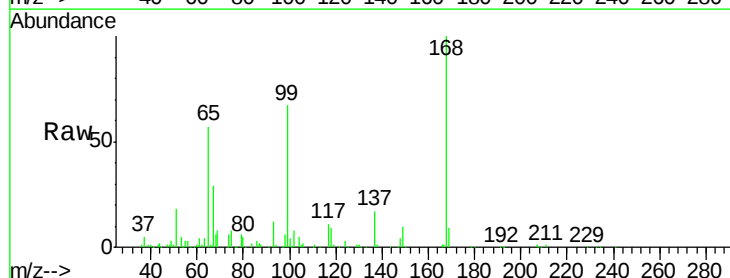
Acq: 13 May 2019 15:27

Tgt Ion: 65 Resp: 89548

Ion Ratio Lower Upper

65 100

67 46.9 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.06

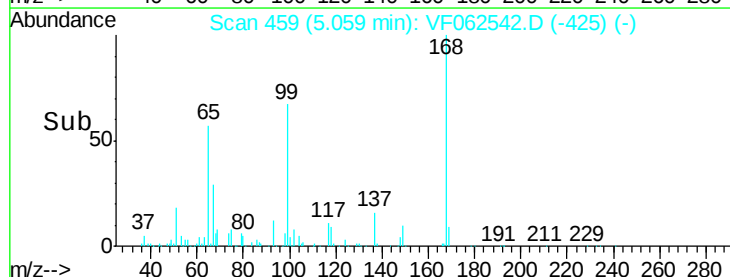
30000

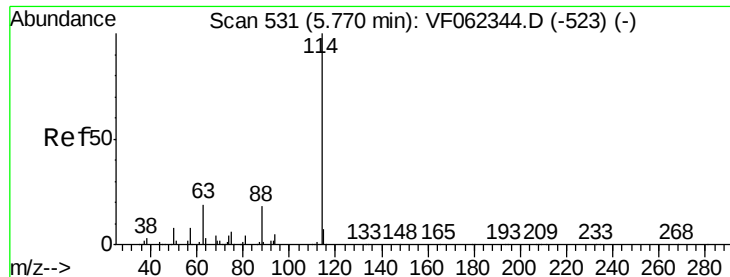
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. 0.03 min

Lab File: VF062542.D

Acq: 13 May 2019 15:27

Instrument :

MSVOA_F

ClientSampleId :

BP-VPB202-GW-258-260RE

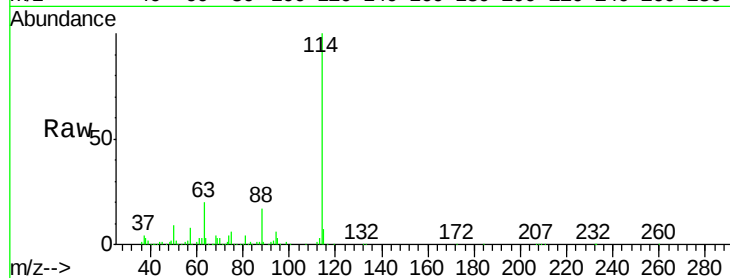
Tot Ion:114 Resp: 402027

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

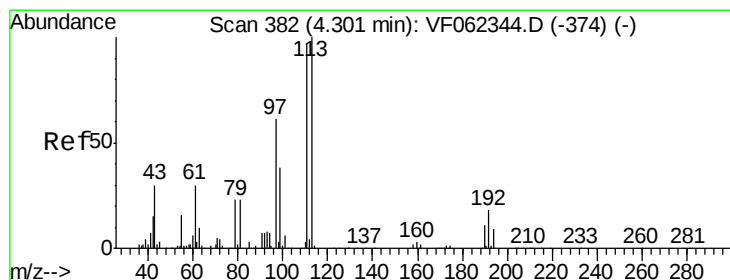
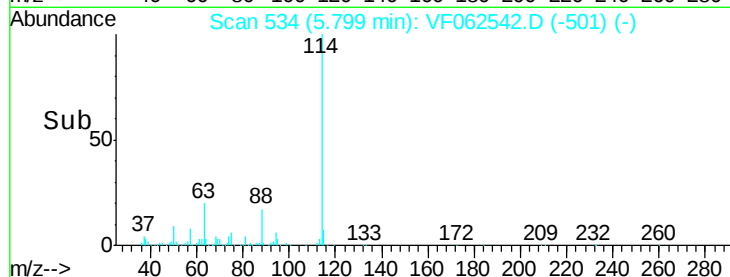
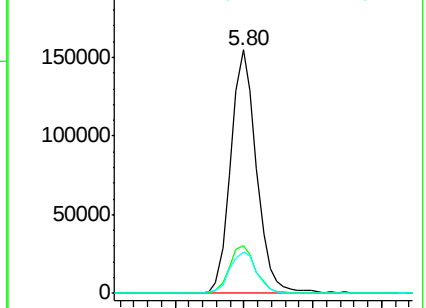
88 17.0 0.0 36.4



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: 36.921 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.03 min

Lab File: VF062542.D

Acq: 13 May 2019 15:27

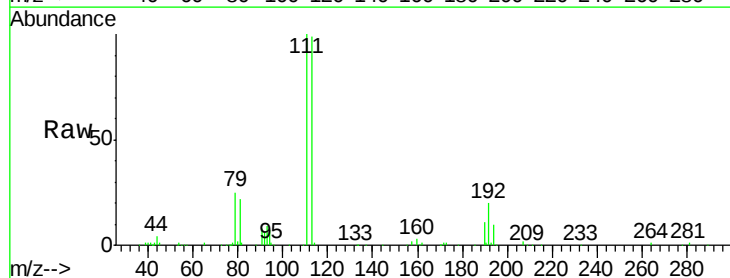
Tgt Ion:113 Resp: 118255

Ion Ratio Lower Upper

113 100

111 102.7 79.4 119.0

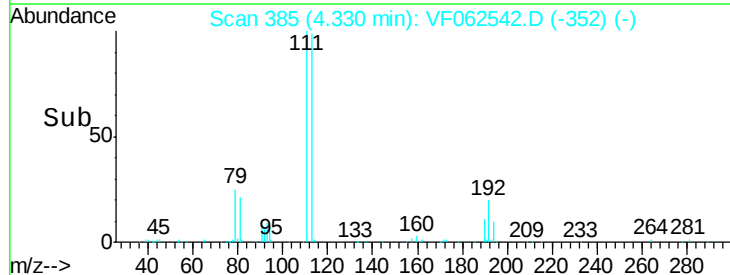
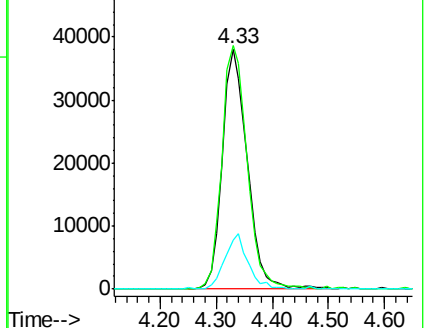
192 21.2 16.0 24.0

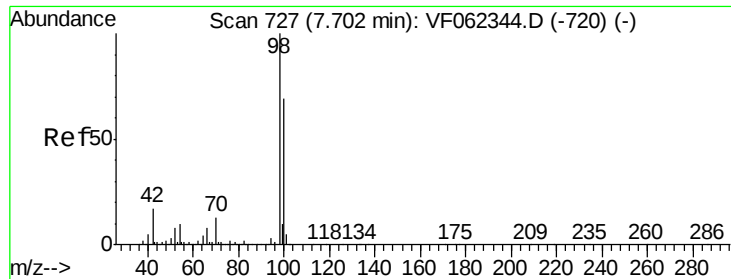


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 32.230 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.03 min

Lab File: VF062542.D

Acq: 13 May 2019 15:27

Instrument :

MSVOA_F

ClientSampleId :

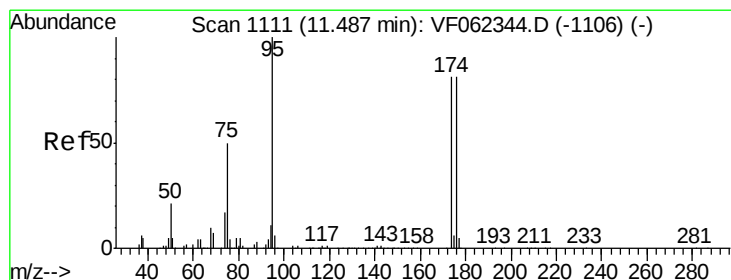
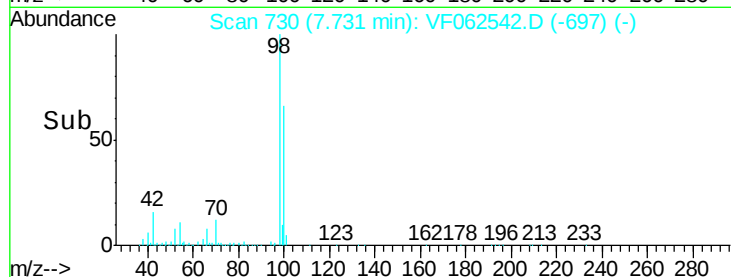
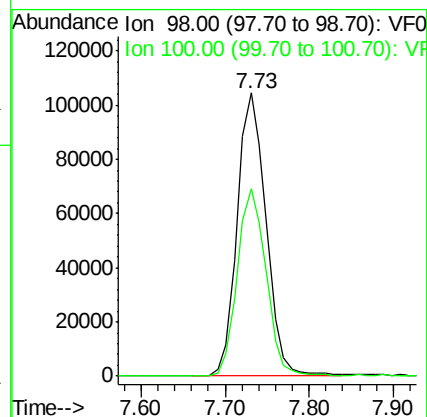
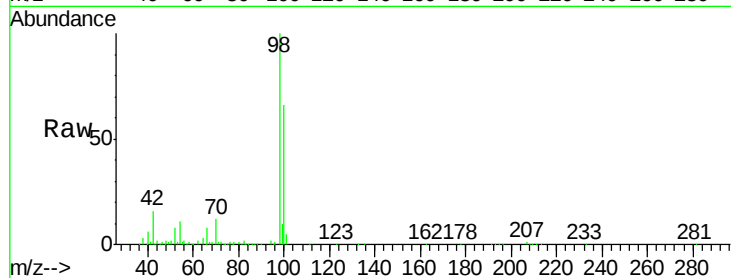
BP-VPB202-GW-258-260RE

Tot Ion: 98 Resp: 249882

Ion Ratio Lower Upper

98 100

100 66.1 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 30.162 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062542.D

Acq: 13 May 2019 15:27

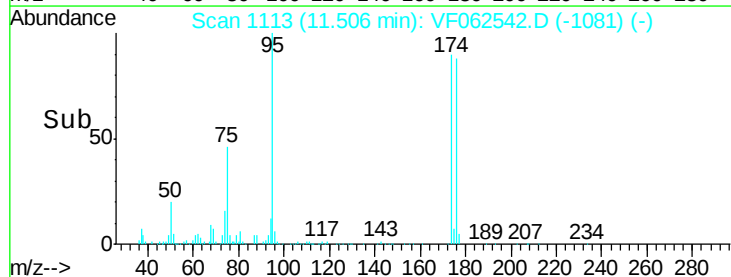
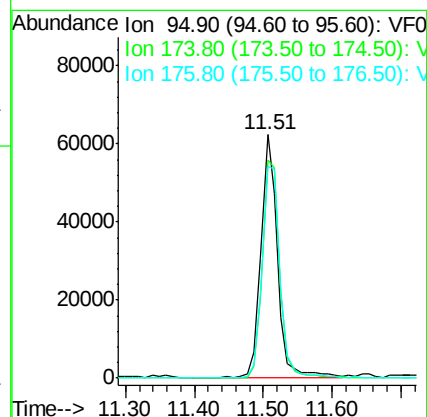
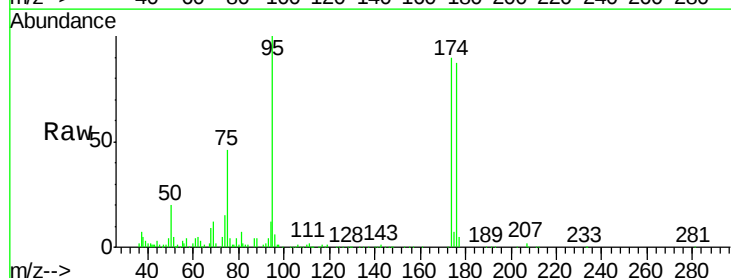
Tgt Ion: 95 Resp: 105502

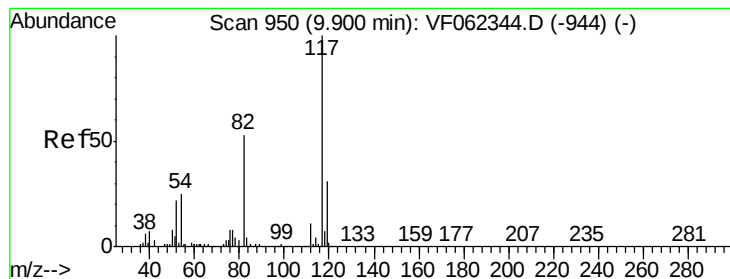
Ion Ratio Lower Upper

95 100

174 93.3 0.0 191.8

176 94.5 0.0 193.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.93 min Scan# 953

Delta R.T. 0.03 min

Lab File: VF062542.D

Acq: 13 May 2019 15:27

Instrument :

MSVOA_F

ClientSampleId :

BP-VPB202-GW-258-260RE

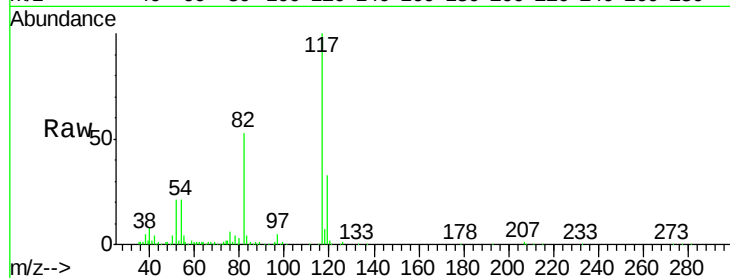
Tot Ion:117 Resp: 323989

Ion Ratio Lower Upper

117 100

82 52.9 42.2 63.2

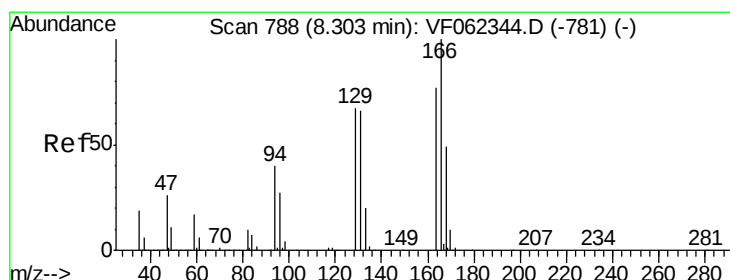
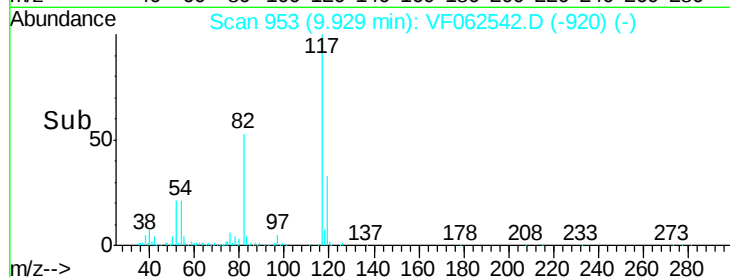
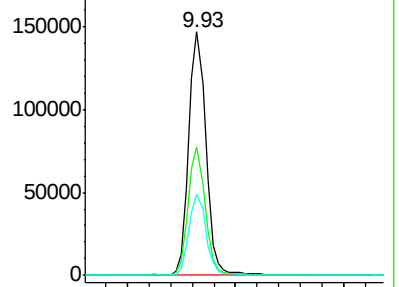
119 33.2 25.0 37.4



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: 3.422 ug/l

RT: 8.33 min Scan# 791

Delta R.T. 0.03 min

Lab File: VF062542.D

Acq: 13 May 2019 15:27

Tgt Ion:164 Resp: 9001

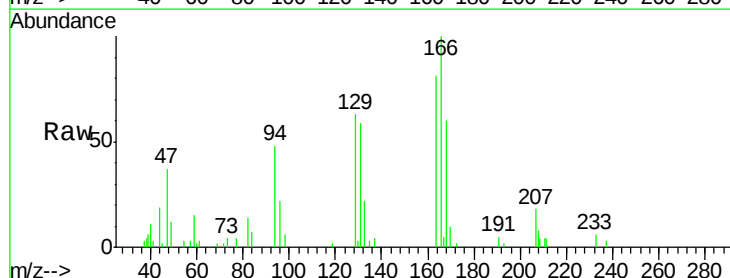
Ion Ratio Lower Upper

164 100

166 122.8 104.2 156.4

129 77.1 69.6 104.4

131 72.2 68.8 103.2

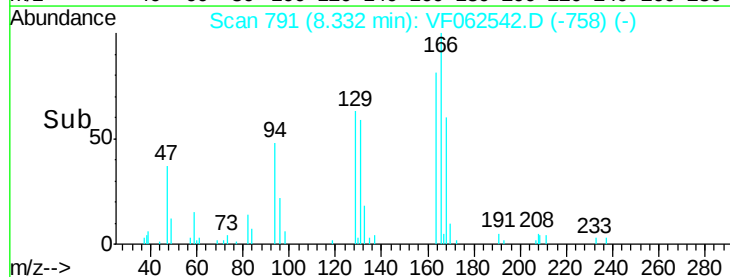
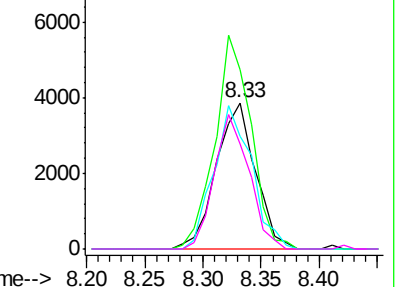


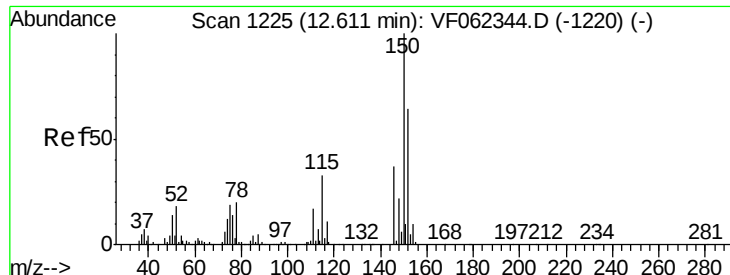
Abundance Ion 163.80 (163.50 to 164.50): V

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# 1226

Delta R.T. 0.01 min

Lab File: VF062542.D

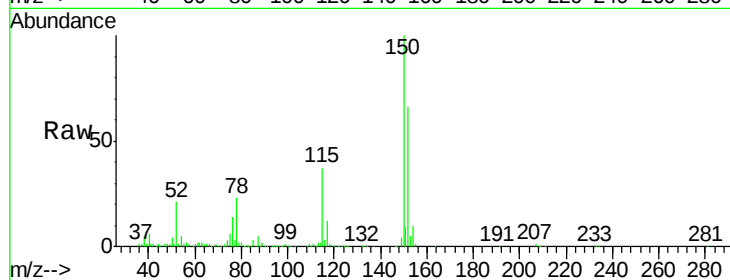
Acq: 13 May 2019 15:27

Instrument :

MSVOA_F

ClientSampleId :

BP-VPB202-GW-258-260RE



Tot Ion:152 Resp: 176056

Ion Ratio Lower Upper

152 100

115 54.8 26.4 79.2

150 154.4 0.0 335.0

