

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW052119\
 Data File : VW010488.D
 Acq On : 21 May 2019 15:33
 Operator : SY/VA
 Sample : K2952-10
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BP-VPB202-GW-643-645

Quant Time: May 29 02:26:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

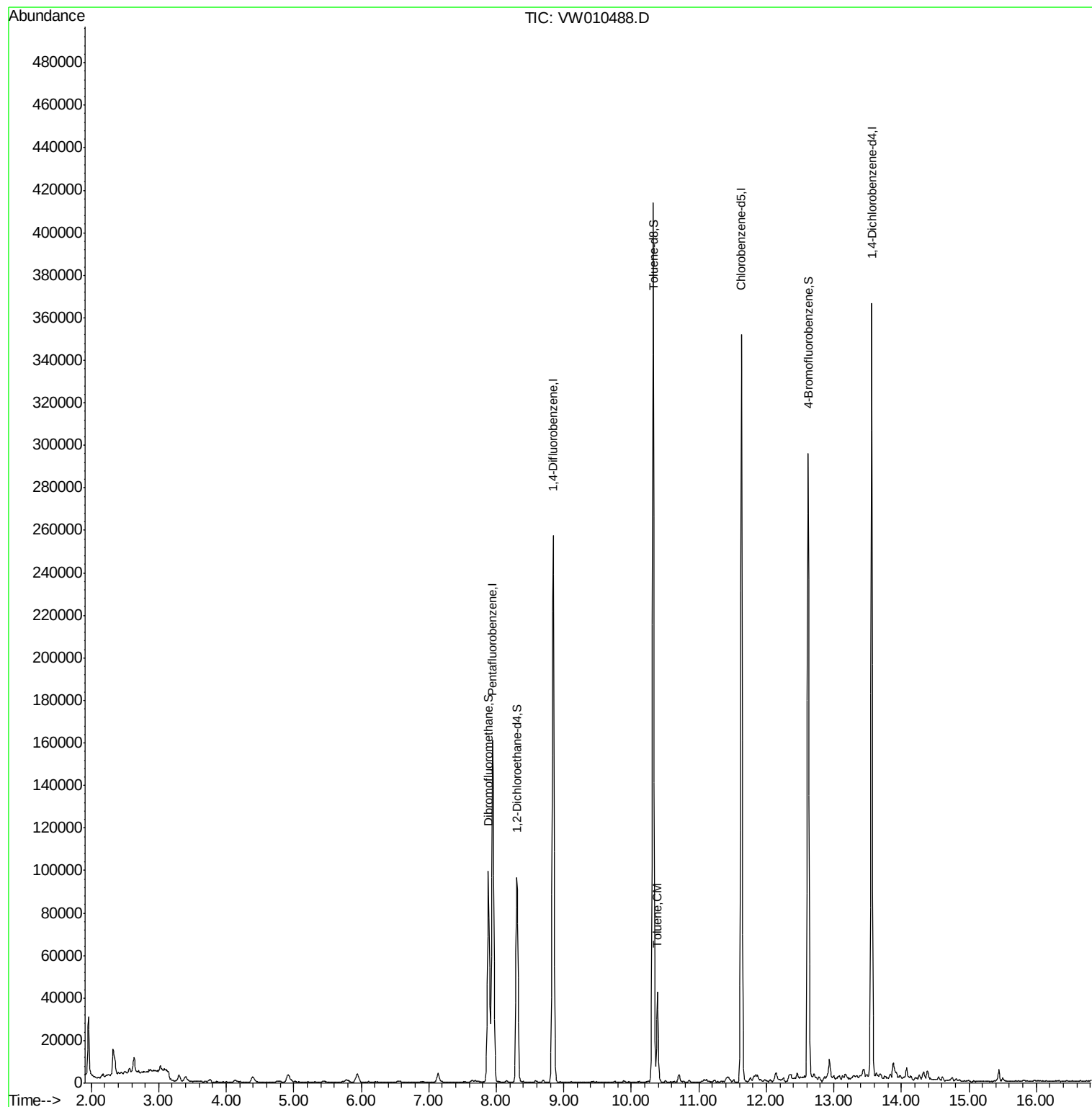
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	117714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	228052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	203984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	91938	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	76458	62.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.86%	
35) Dibromofluoromethane	7.88	113	71073	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
50) Toluene-d8	10.32	98	280117	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.62	95	108186	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
Target Compounds						
52) Toluene	10.39	92	18718	4.720	ug/l	Qvalue 98

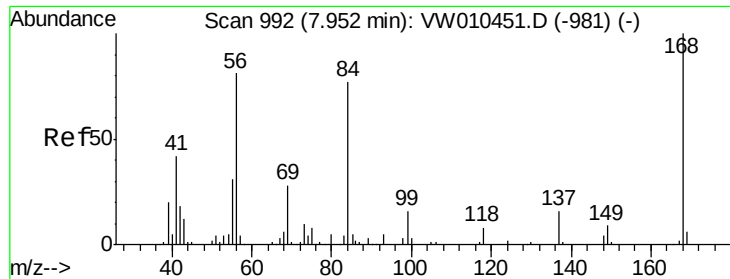
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010488.D

Acq: 21 May 2019 15:33

Instrument :

MSVOA_W

ClientSampleId :

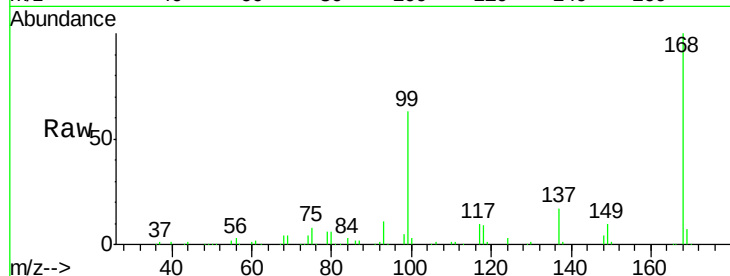
BP-VPB202-GW-643-645

Tot Ion:168 Resp: 117714

Ion Ratio Lower Upper

168 100

99 62.8 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

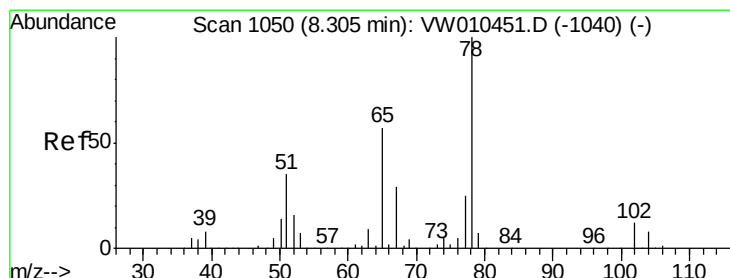
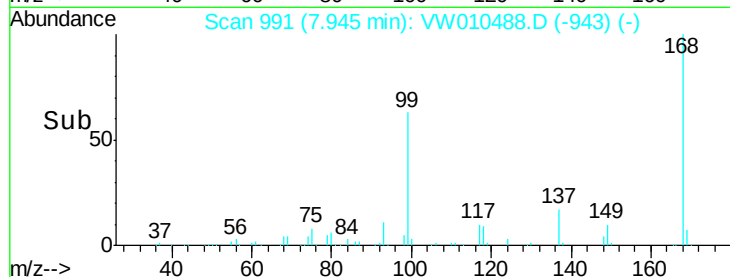
30000

20000

10000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 62.928 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010488.D

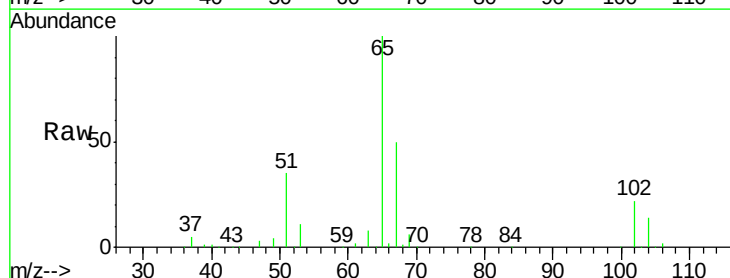
Acq: 21 May 2019 15:33

Tgt Ion: 65 Resp: 76458

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

40000

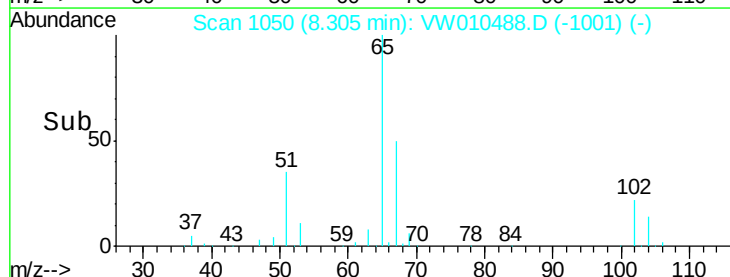
30000

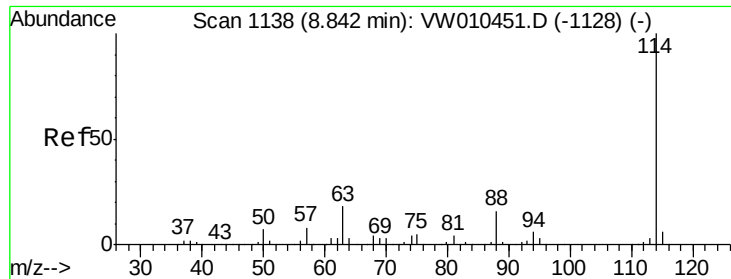
20000

10000

0

Time-->

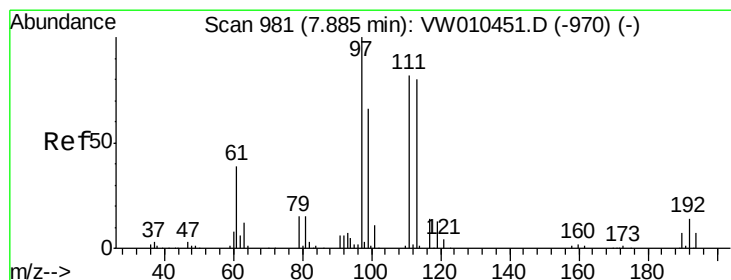
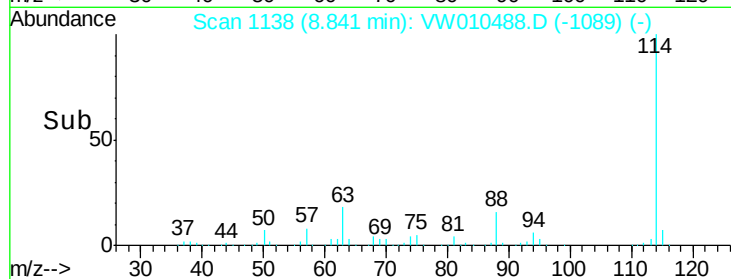
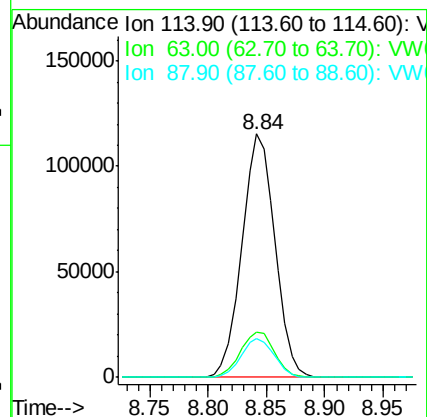
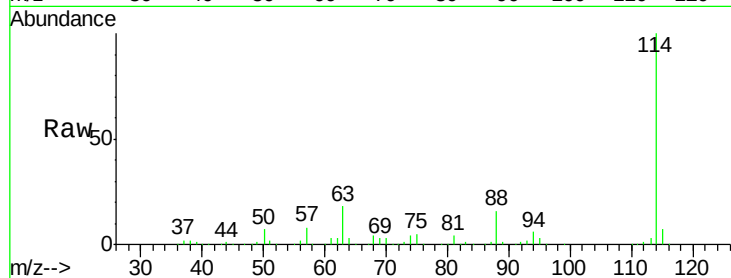




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010488.D
Acq: 21 May 2019 15:33

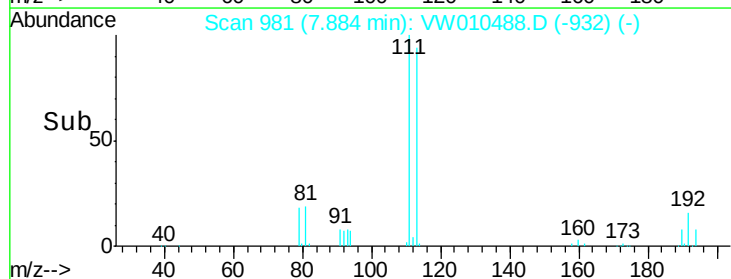
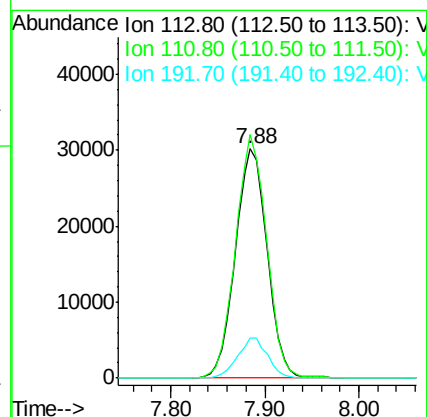
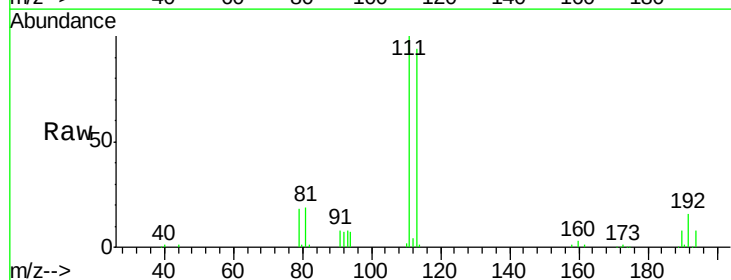
Instrument :
MSVOA_W
ClientSampleId :
BP-VPB202-GW-643-645

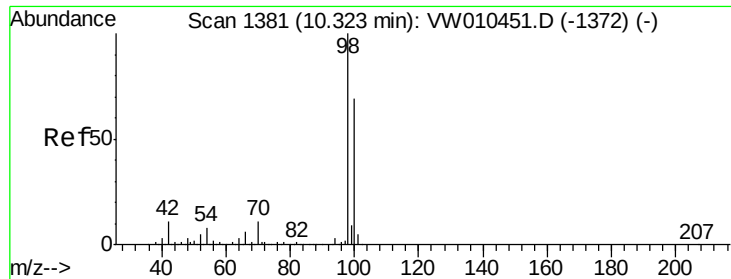
Tot Ion:114 Resp: 228052
Ion Ratio Lower Upper
114 100
63 18.5 0.0 36.0
88 15.9 0.0 32.0



#35
Dibromofluoromethane
Concen: 51.362 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010488.D
Acq: 21 May 2019 15:33

Tgt Ion:113 Resp: 71073
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 16.7 14.3 21.5

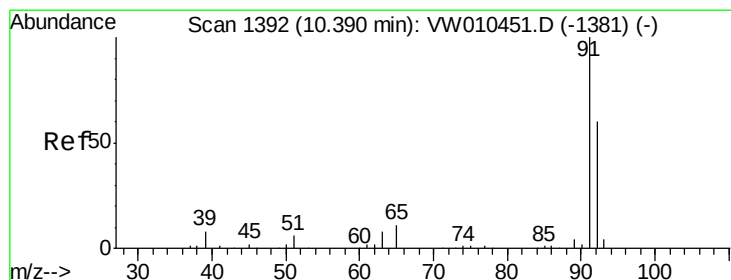
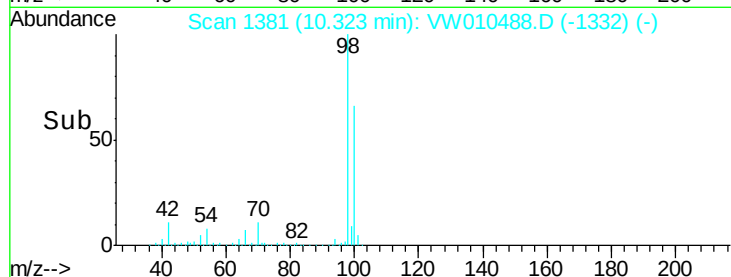
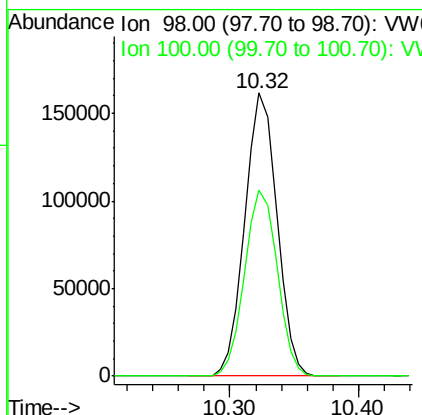
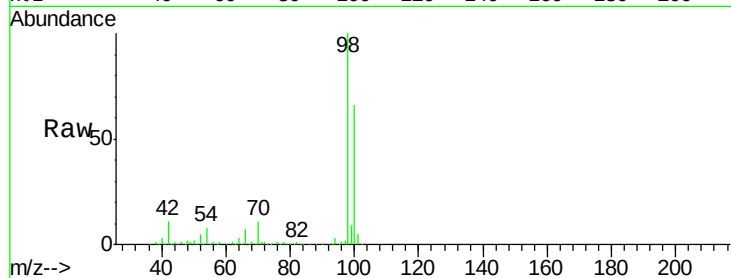




#50
Toluene-d8
Concen: 52.989 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010488.D
Acq: 21 May 2019 15:33

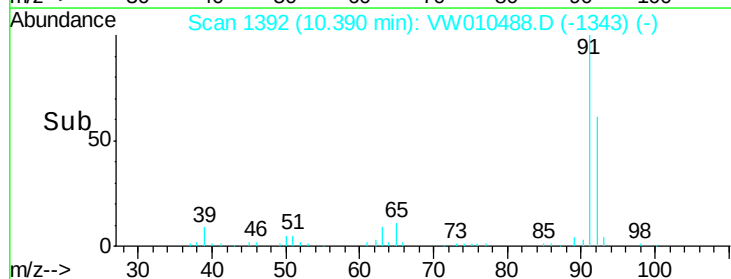
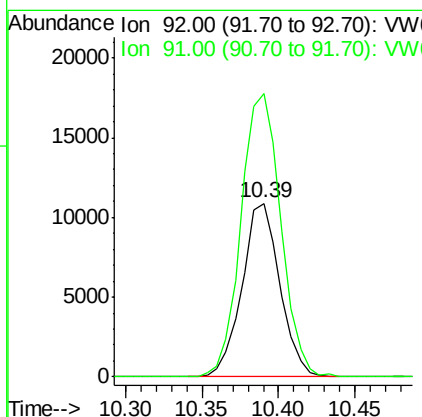
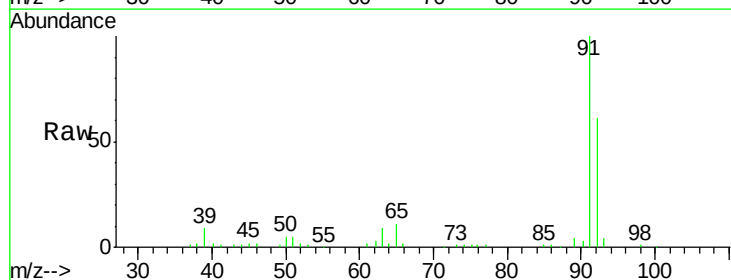
Instrument :
MSVOA_W
ClientSampleId :
BP-VPB202-GW-643-645

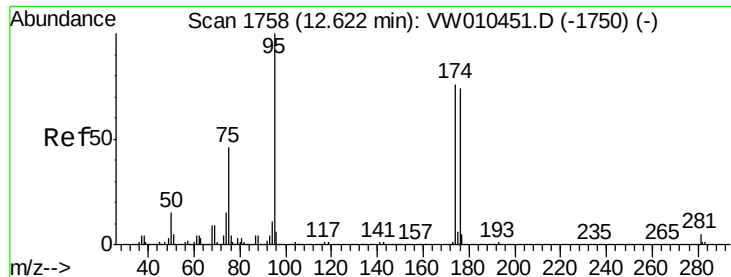
Tot Ion: 98 Resp: 280117
Ion Ratio Lower Upper
98 100
100 66.6 53.7 80.5



#52
Toluene
Concen: 4.720 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW010488.D
Acq: 21 May 2019 15:33

Tgt Ion: 92 Resp: 18718
Ion Ratio Lower Upper
92 100
91 171.4 135.4 203.0





#62

4-Bromofluorobenzene

Concen: 51.379 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010488.D

Acq: 21 May 2019 15:33

Instrument :

MSVOA_W

ClientSampleId :

BP-VPB202-GW-643-645

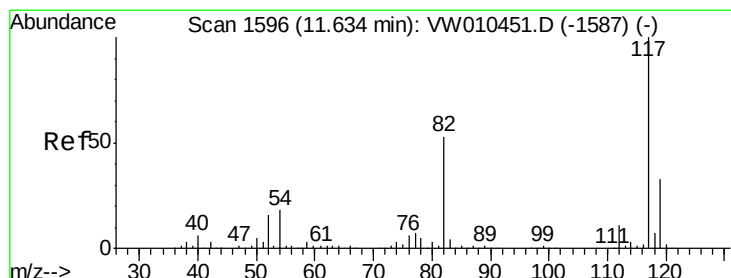
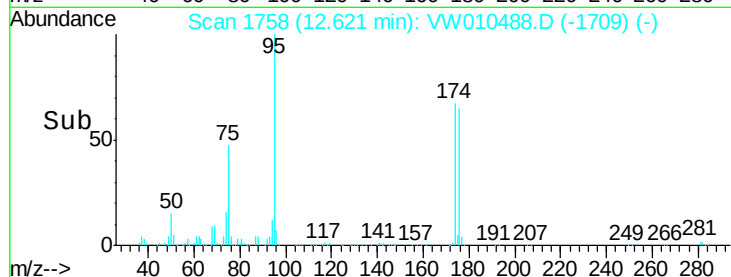
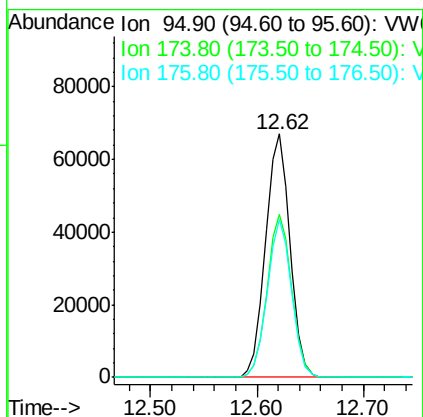
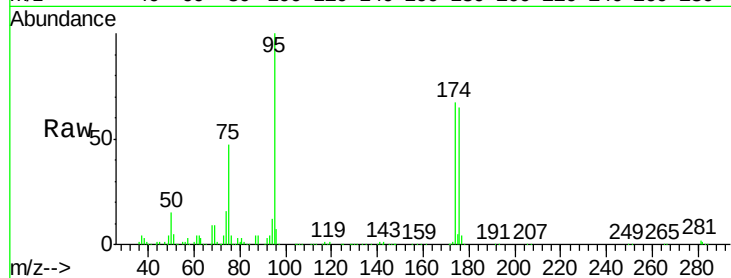
Tot Ion: 95 Resp: 108186

Ion Ratio Lower Upper

95 100

174 66.9 0.0 148.6

176 63.9 0.0 144.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010488.D

Acq: 21 May 2019 15:33

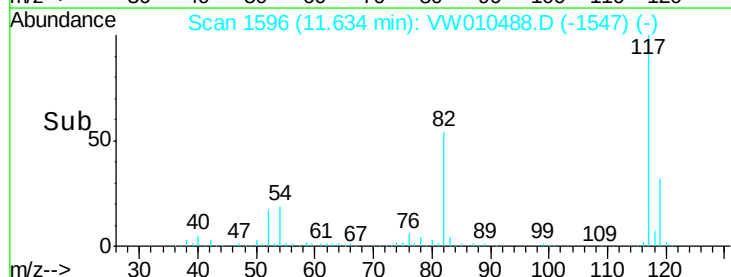
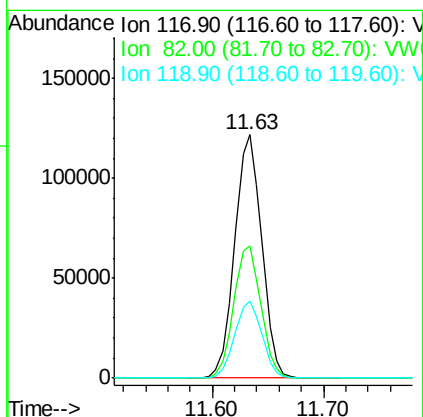
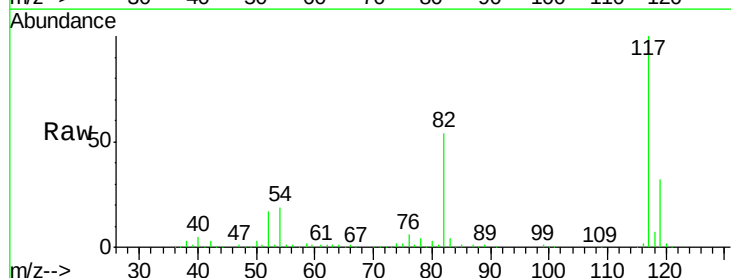
Tgt Ion: 117 Resp: 203984

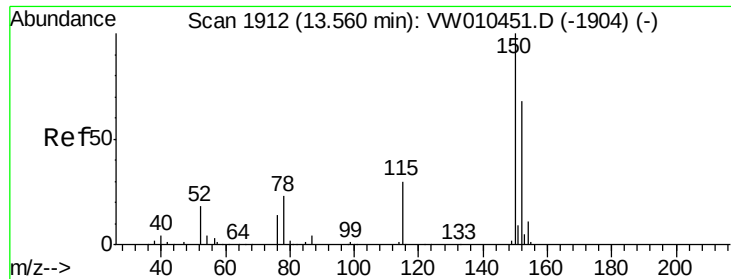
Ion Ratio Lower Upper

117 100

82 54.1 42.8 64.2

119 31.7 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010488.D

Acq: 21 May 2019 15:33

Instrument :

MSVOA_W

ClientSampleId :

BP-VPB202-GW-643-645

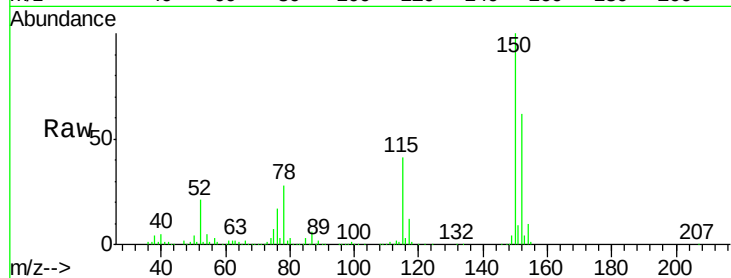
Tot Ion:152 Resp: 91938

Ion Ratio Lower Upper

152 100

115 64.7 30.3 91.0

150 158.6 0.0 349.8



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

