

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011662.D
 Acq On : 03 Aug 2019 13:39
 Operator : SY/VA
 Sample : K4145-09
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BP-VPB203-GW-638-640

Quant Time: Aug 04 02:05:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	366304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136791	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	157652	63.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.46%	
35) Dibromofluoromethane	7.88	113	115573	56.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.48%	
50) Toluene-d8	10.32	98	453662	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
62) 4-Bromofluorobenzene	12.62	95	155736	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	

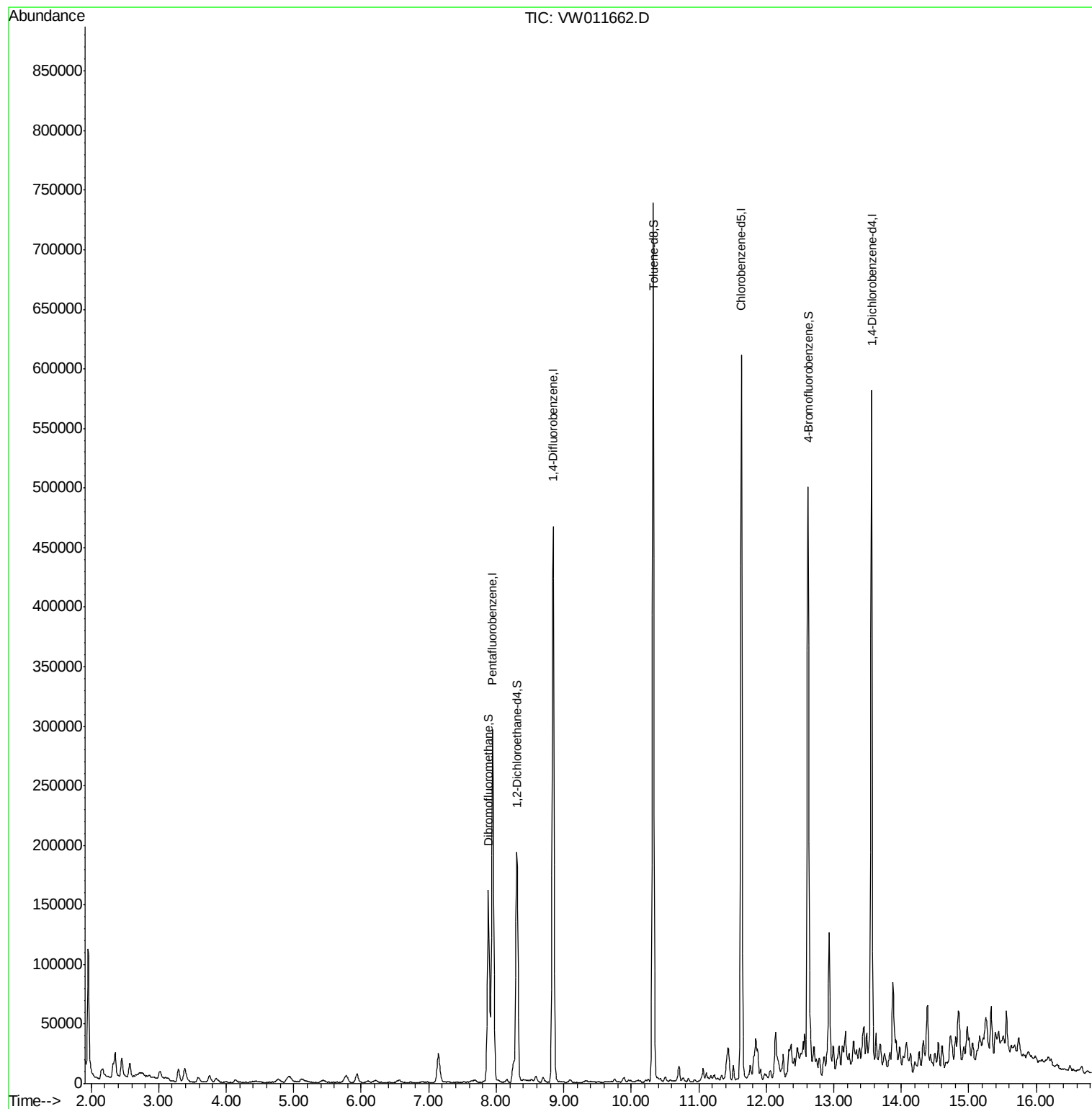
Target Compounds	Qvalue

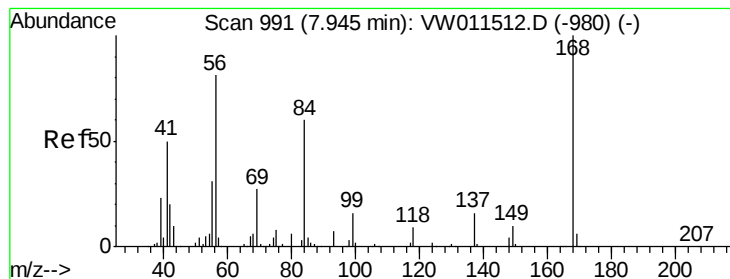
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW011662.D

Acq: 03 Aug 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

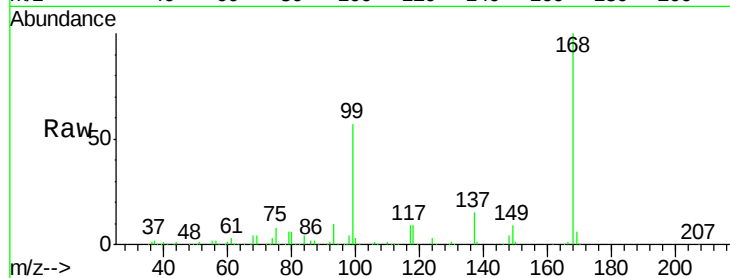
BP-VPB203-GW-638-640

Tot Ion:168 Resp: 215445

Ion Ratio Lower Upper

168 100

99 57.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

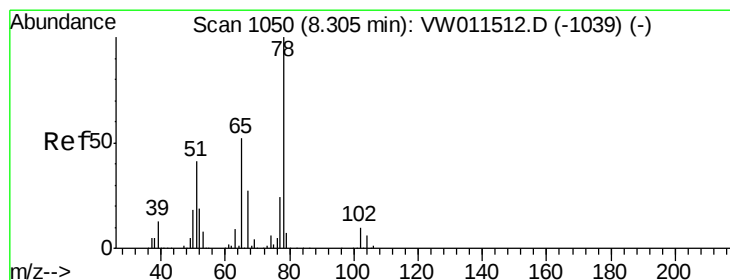
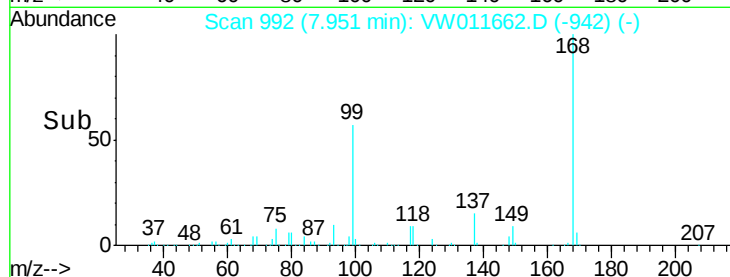
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 63.726 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011662.D

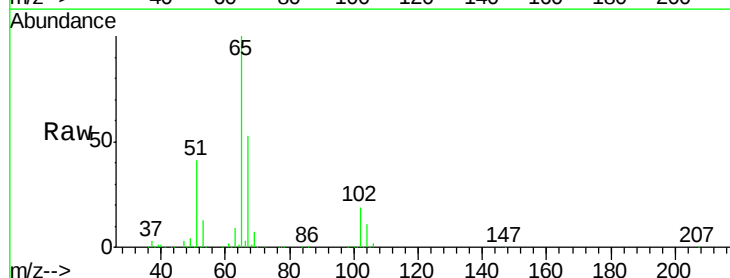
Acq: 03 Aug 2019 13:39

Tgt Ion: 65 Resp: 157652

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

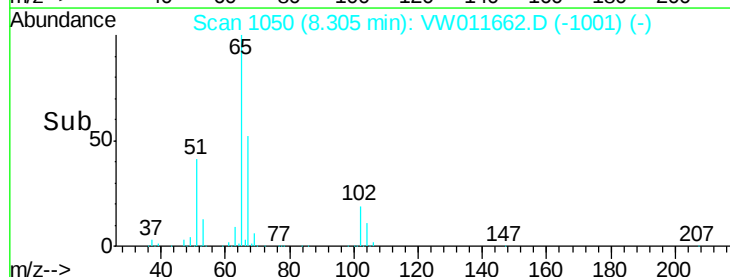
60000

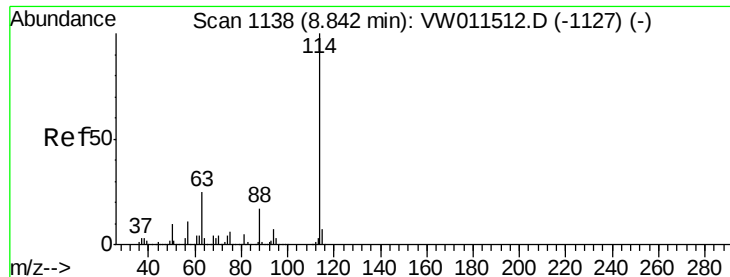
40000

20000

0

Time--> 8.20 8.30 8.40

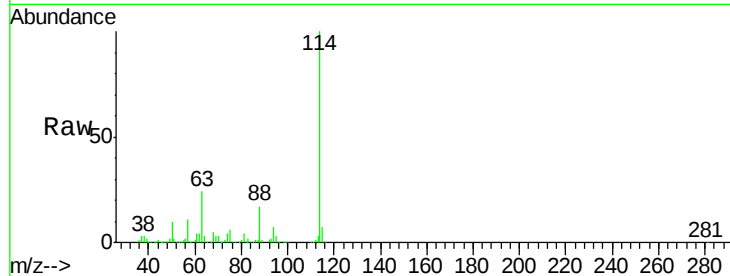




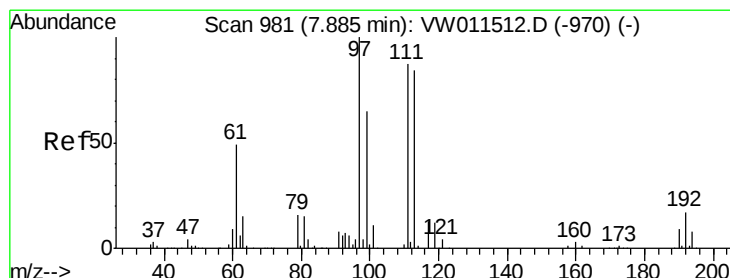
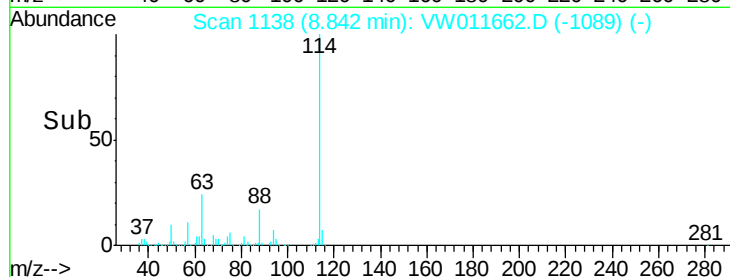
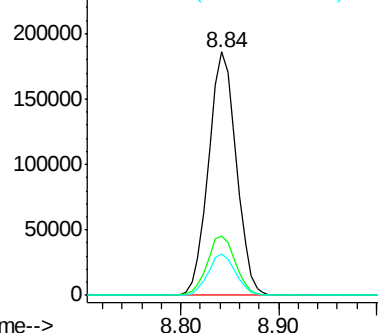
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011662.D
Acq: 03 Aug 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
BP-VPB203-GW-638-640

Tot Ion:114 Resp: 366304
Ion Ratio Lower Upper
114 100
63 24.2 0.0 49.2
88 16.9 0.0 33.8

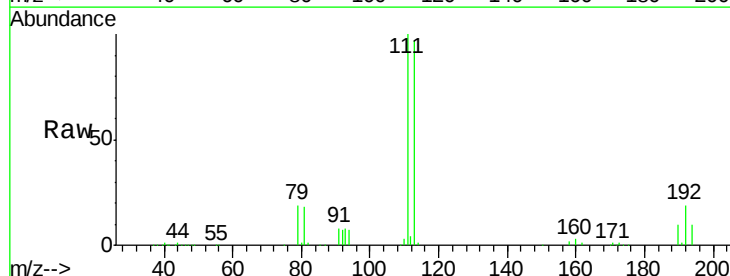


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

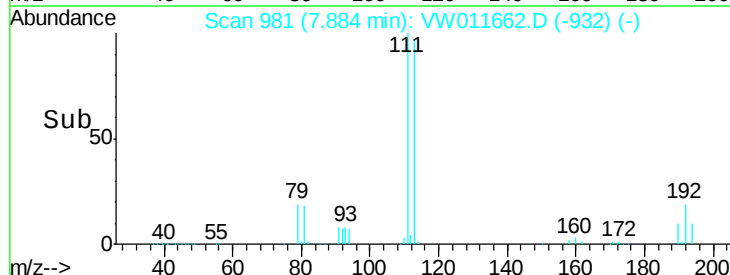
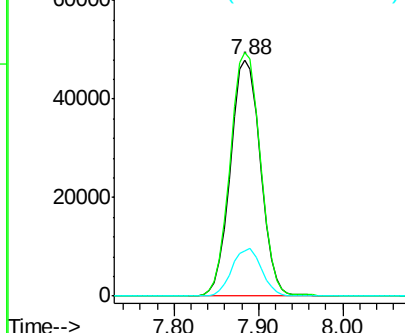


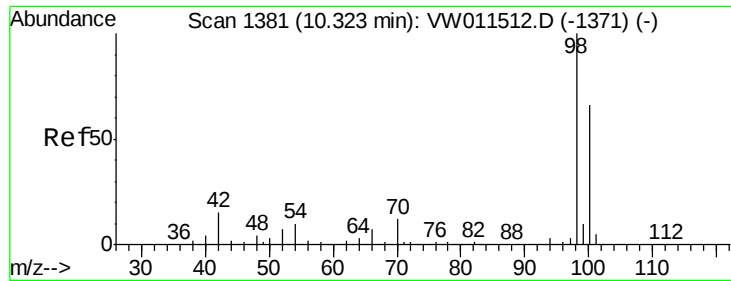
#35
Dibromofluoromethane
Concen: 56.239 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW011662.D
Acq: 03 Aug 2019 13:39

Tgt Ion:113 Resp: 115573
Ion Ratio Lower Upper
113 100
111 103.9 82.7 124.1
192 20.0 16.1 24.1



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: 53.918 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011662.D

Acq: 03 Aug 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

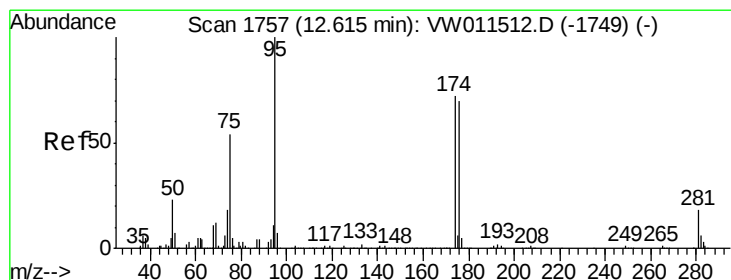
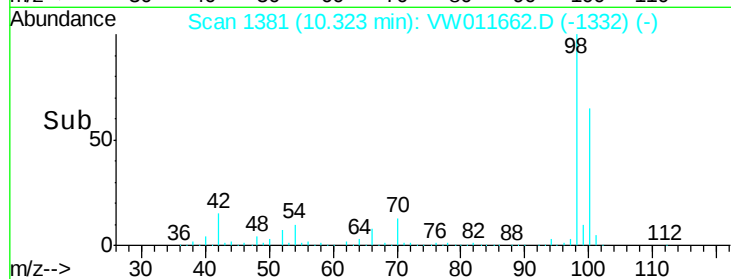
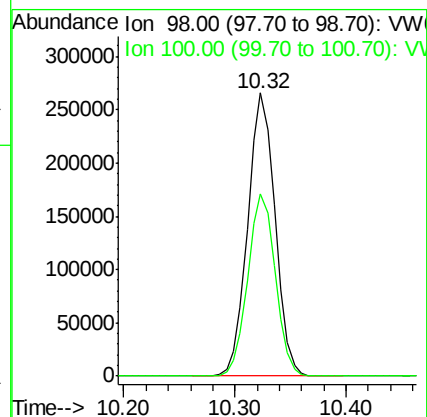
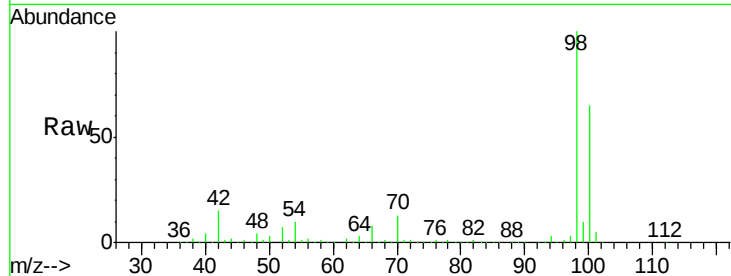
BP-VPB203-GW-638-640

Tot Ion: 98 Resp: 453662

Ion Ratio Lower Upper

98 100

100 65.0 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 51.917 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011662.D

Acq: 03 Aug 2019 13:39

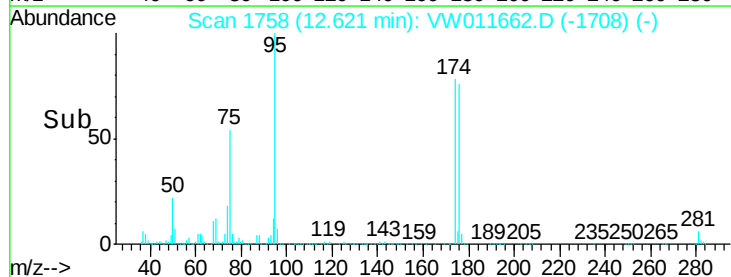
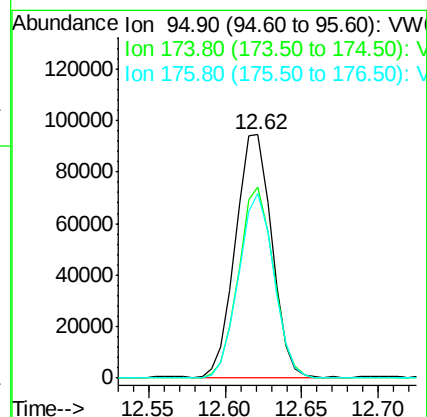
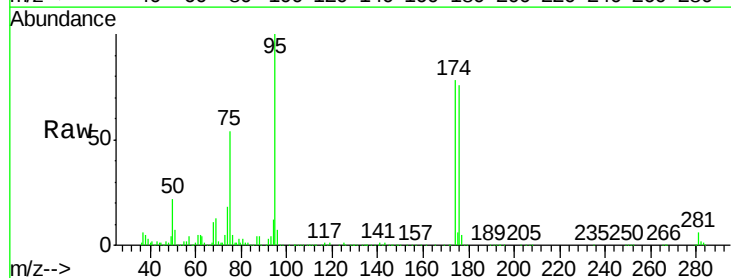
Tgt Ion: 95 Resp: 155736

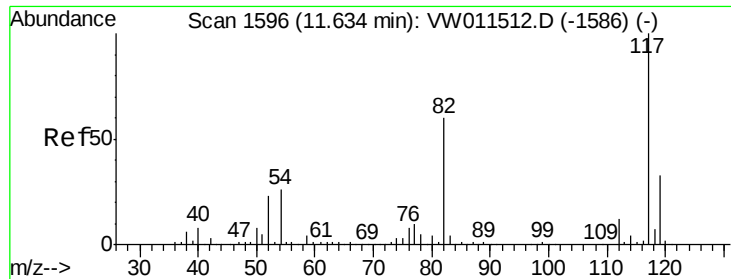
Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.2

176 73.8 0.0 144.4

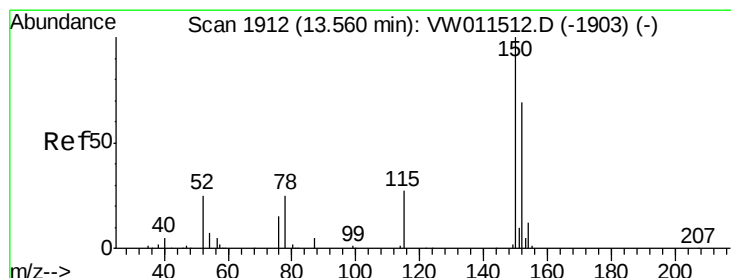
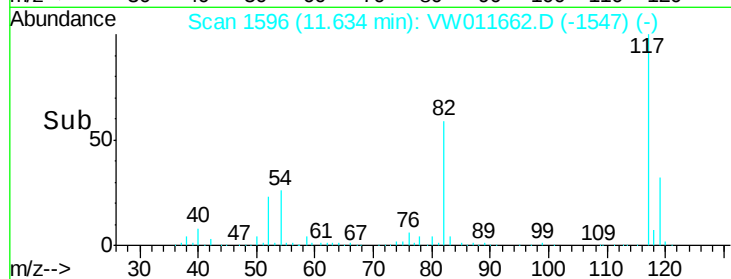
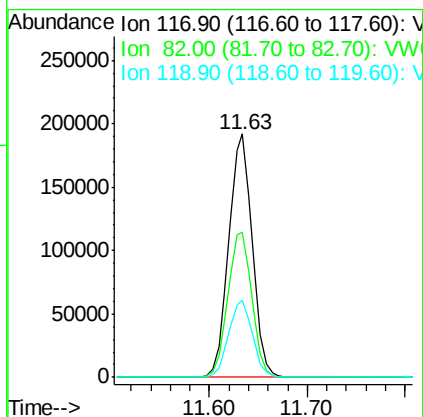
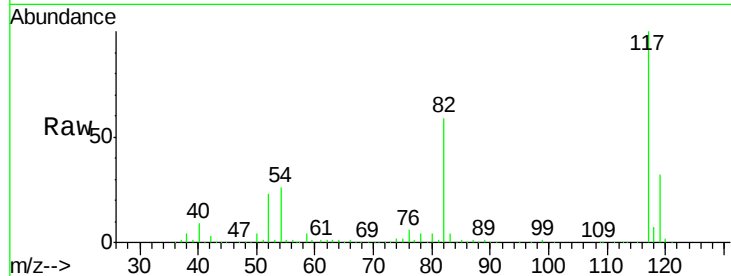




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011662.D
Acq: 03 Aug 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
BP-VPB203-GW-638-640

Tot Ion:117 Resp: 318193
Ion Ratio Lower Upper
117 100
82 59.4 47.9 71.9
119 31.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011662.D
Acq: 03 Aug 2019 13:39

Tgt Ion:152 Resp: 136791
Ion Ratio Lower Upper
152 100
115 59.8 30.5 91.5
150 156.1 0.0 352.6

