

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008193.D
 Acq On : 11 Jan 2019 14:46
 Operator : SY/VA
 Sample : VW0111SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBL01

Quant Time: Jan 12 00:28:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	92951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	165621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	150935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	67388	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	54170	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
35) Dibromofluoromethane	7.88	113	51100	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
50) Toluene-d8	10.32	98	208094	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.62	95	68782	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	

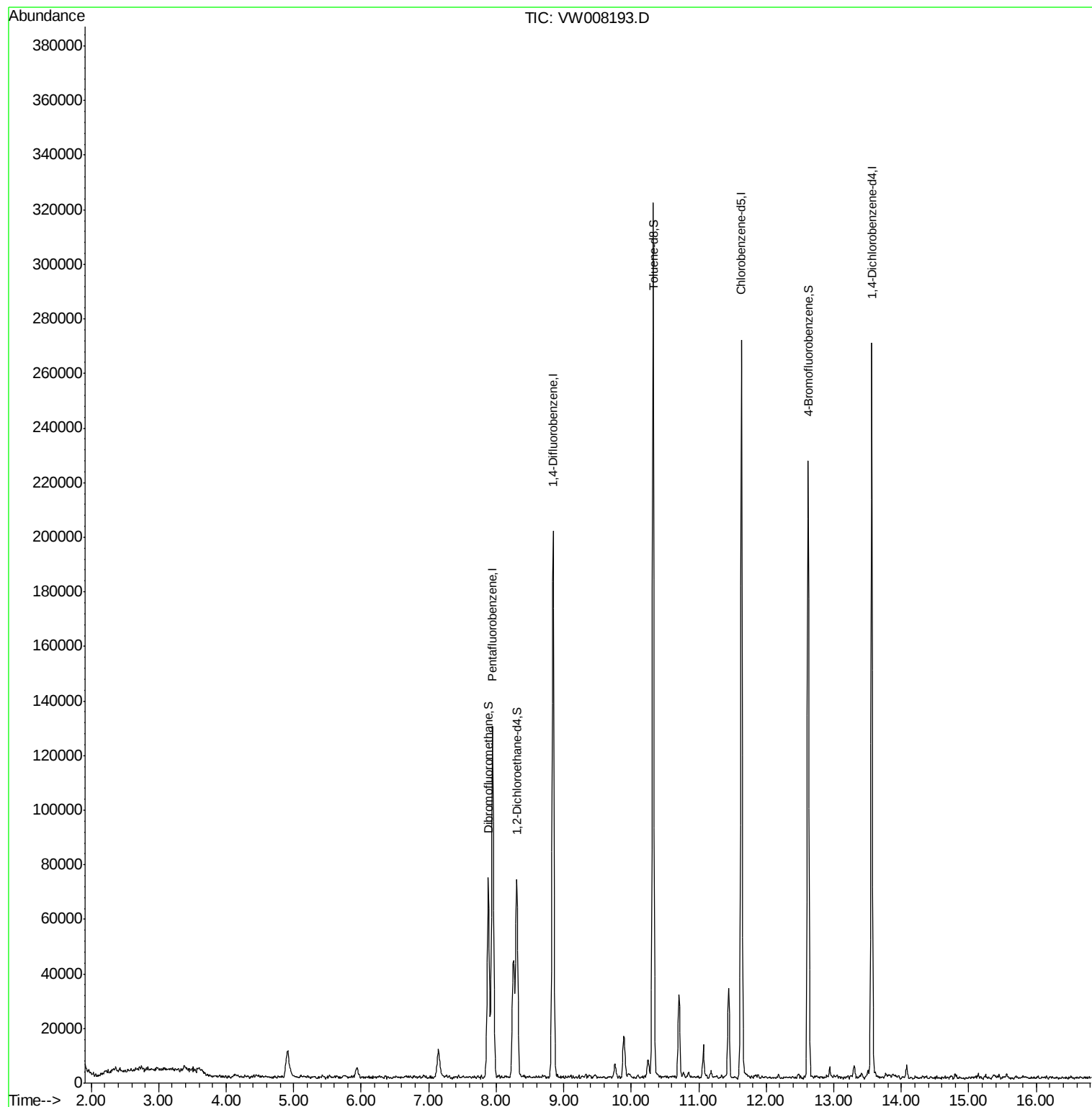
Target Compounds	Qvalue

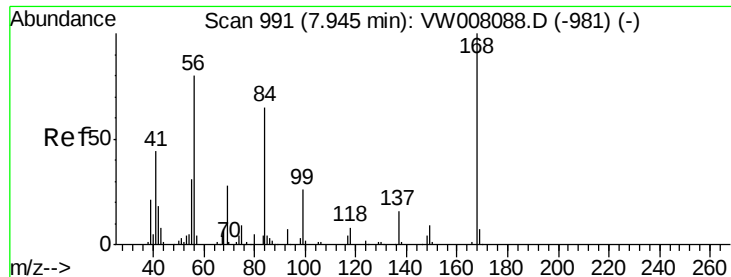
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008193.D

Acq: 11 Jan 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

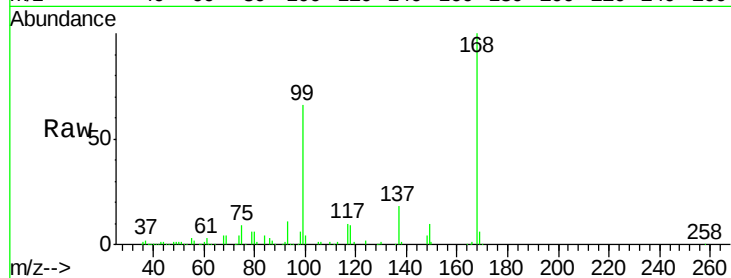
VW0111SBL01

Tot Ion:168 Resp: 92951

Ion Ratio Lower Upper

168 100

99 65.5 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

20000

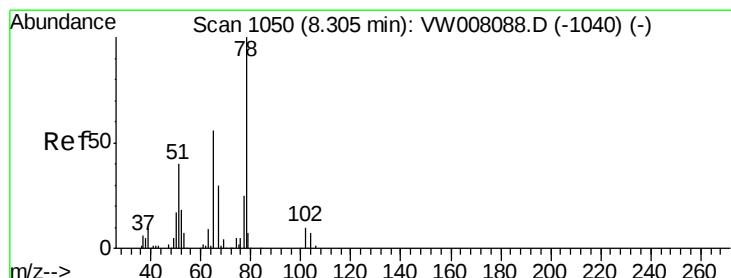
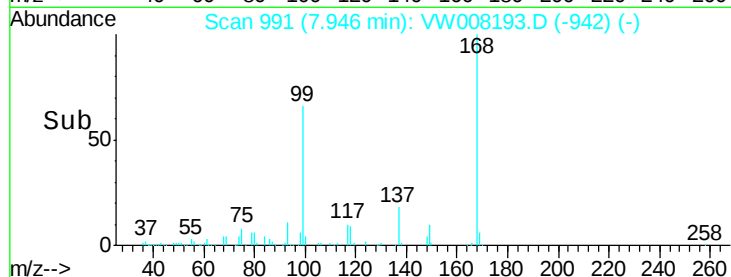
10000

0

Time-->

7.90

8.00



#33

1,2-Dichloroethane-d4

Concen: 51.853 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008193.D

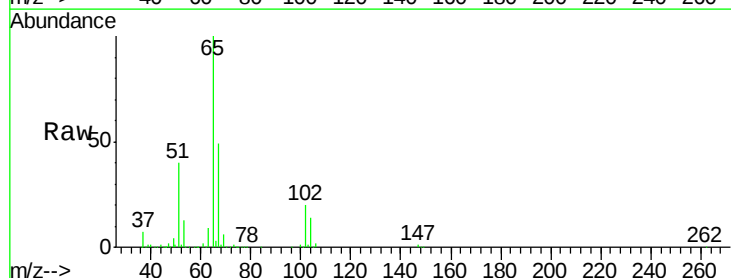
Acq: 11 Jan 2019 14:46

Tgt Ion: 65 Resp: 54170

Ion Ratio Lower Upper

65 100

67 54.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

30000

25000

20000

15000

10000

5000

0

Time-->

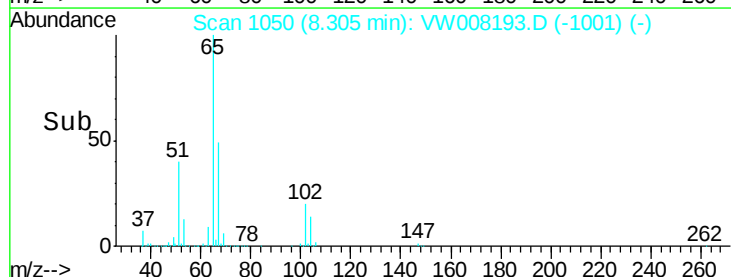
8.20

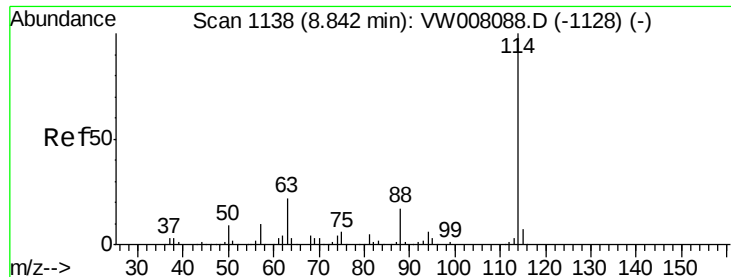
8.25

8.30

8.35

8.40

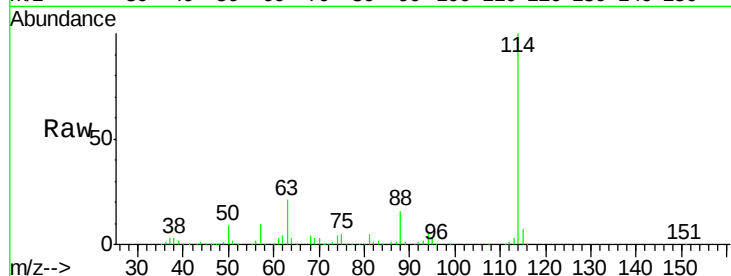




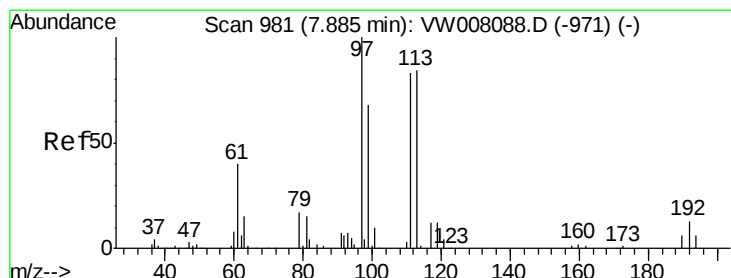
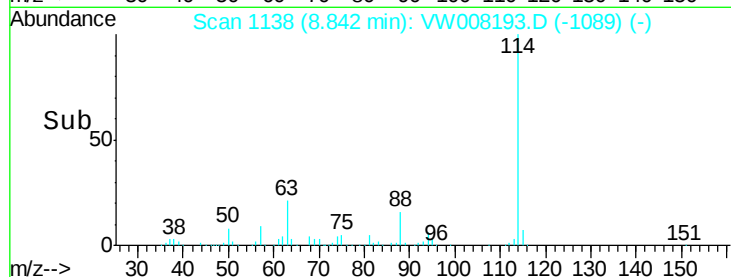
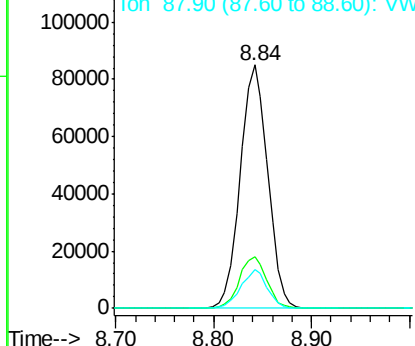
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008193.D
 Acq: 11 Jan 2019 14:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBL01

Tot Ion:114 Resp: 165621
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.4
 88 16.1 0.0 33.4

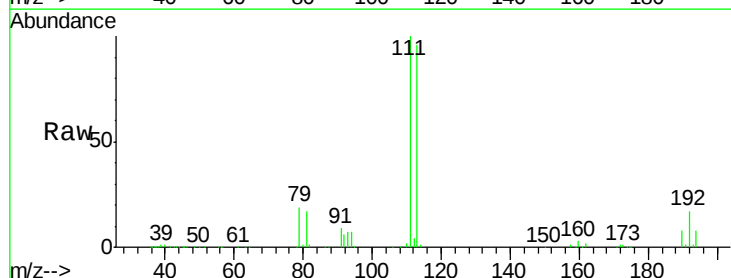


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

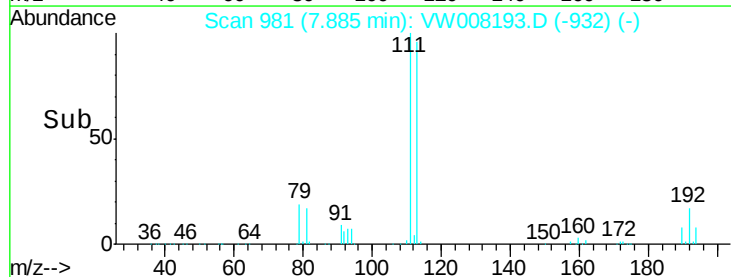
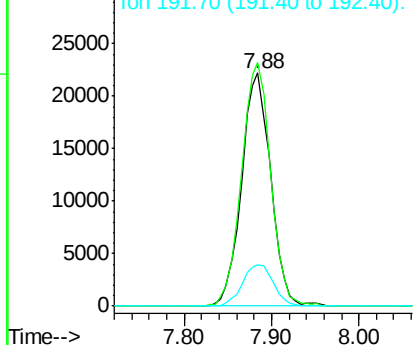


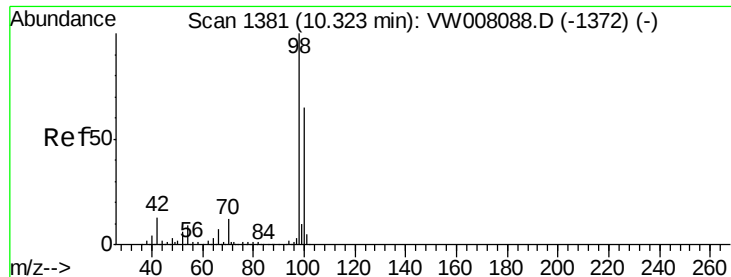
#35
 Dibromofluoromethane
 Concen: 52.900 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008193.D
 Acq: 11 Jan 2019 14:46

Tgt Ion:113 Resp: 51100
 Ion Ratio Lower Upper
 113 100
 111 105.0 81.8 122.8
 192 19.0 12.8 19.2



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: 51.336 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008193.D

Acq: 11 Jan 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

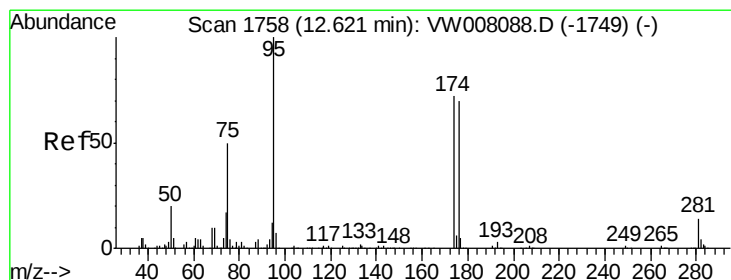
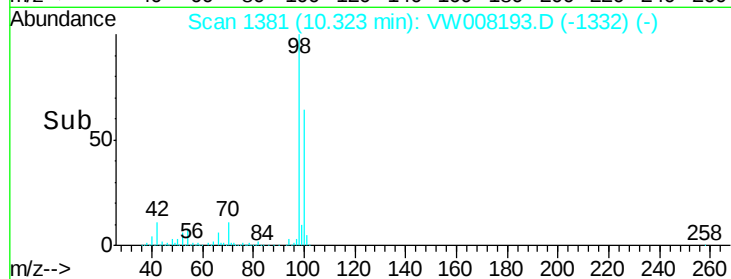
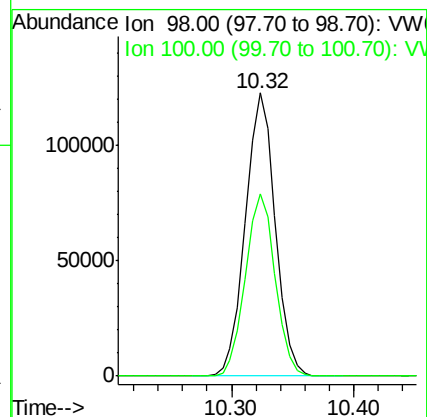
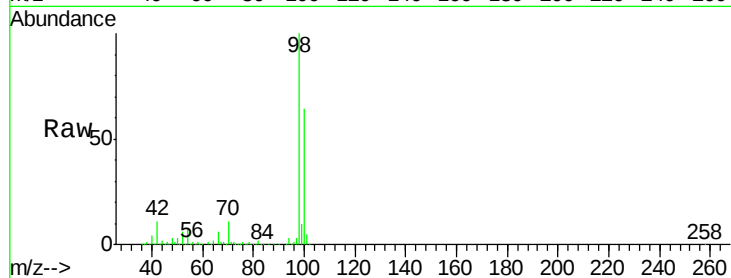
VW0111SBL01

Tot Ion: 98 Resp: 208094

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 47.332 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008193.D

Acq: 11 Jan 2019 14:46

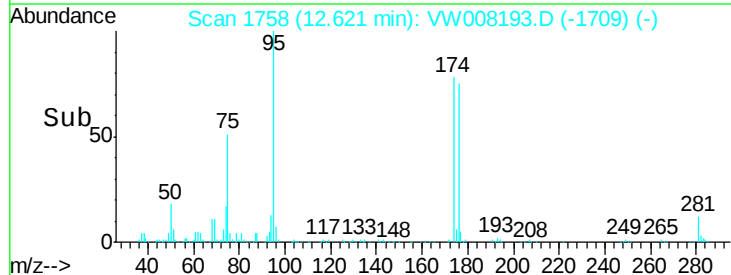
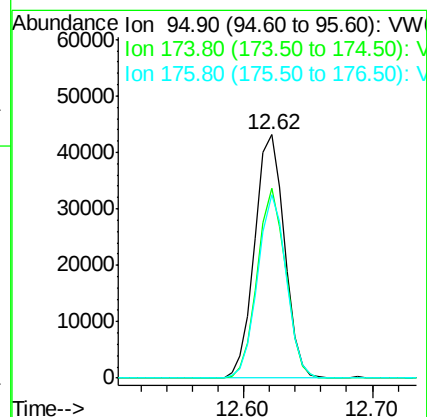
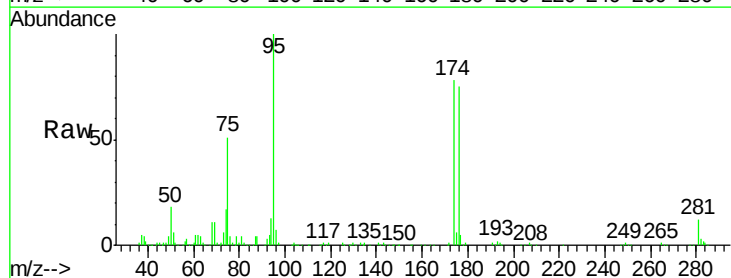
Tgt Ion: 95 Resp: 68782

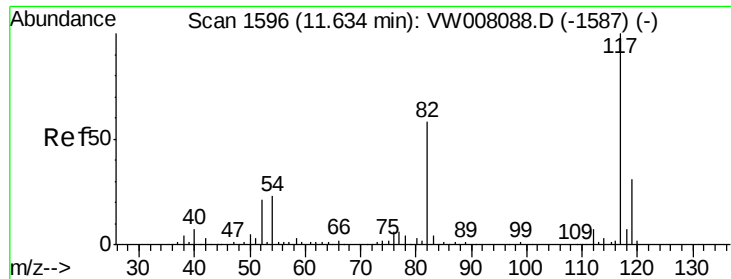
Ion Ratio Lower Upper

95 100

174 74.6 0.0 143.0

176 72.5 0.0 140.2

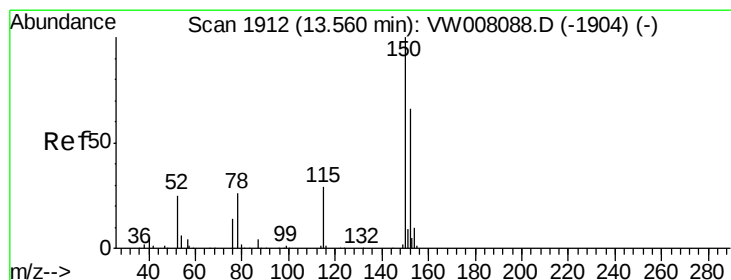
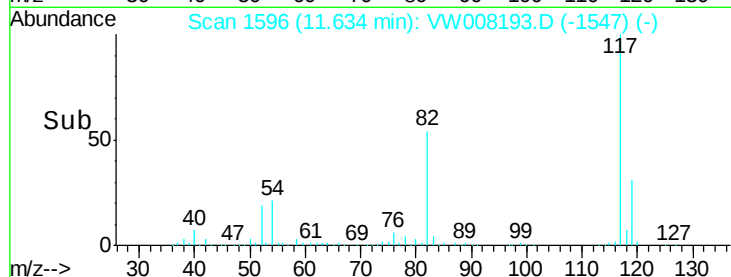
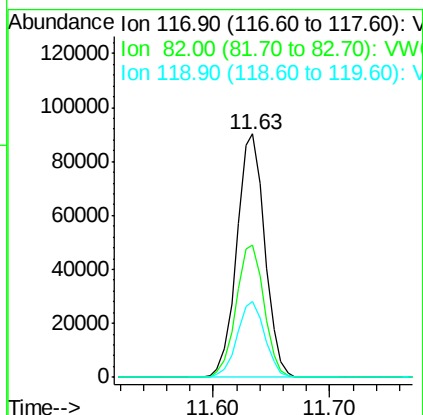
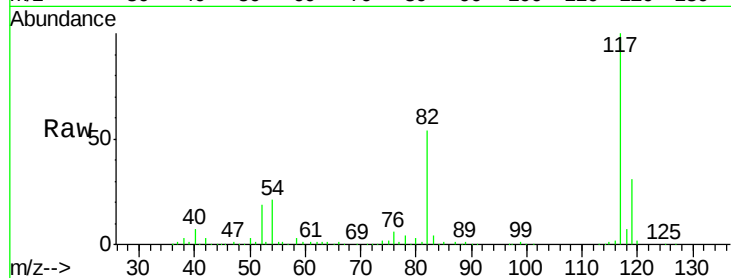




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008193.D
Acq: 11 Jan 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBL01

Tot Ion:117 Resp: 150935
Ion Ratio Lower Upper
117 100
82 54.3 46.4 69.6
119 31.0 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008193.D
Acq: 11 Jan 2019 14:46

Tgt Ion:152 Resp: 67388
Ion Ratio Lower Upper
152 100
115 60.0 30.8 92.4
150 154.8 0.0 350.2

