

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022519\
 Data File : VW008815.D
 Acq On : 25 Feb 2019 18:58
 Operator : SY/VA
 Sample : K1610-03RE
 Misc : 7.65G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WV-BRE

Quant Time: Feb 26 04:46:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	6353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	9954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	7191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	1402	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	3585	60.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.34%	
35) Dibromofluoromethane	7.89	113	3112	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
50) Toluene-d8	10.32	98	10629	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
62) 4-Bromofluorobenzene	12.62	95	2285	25.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.60%	

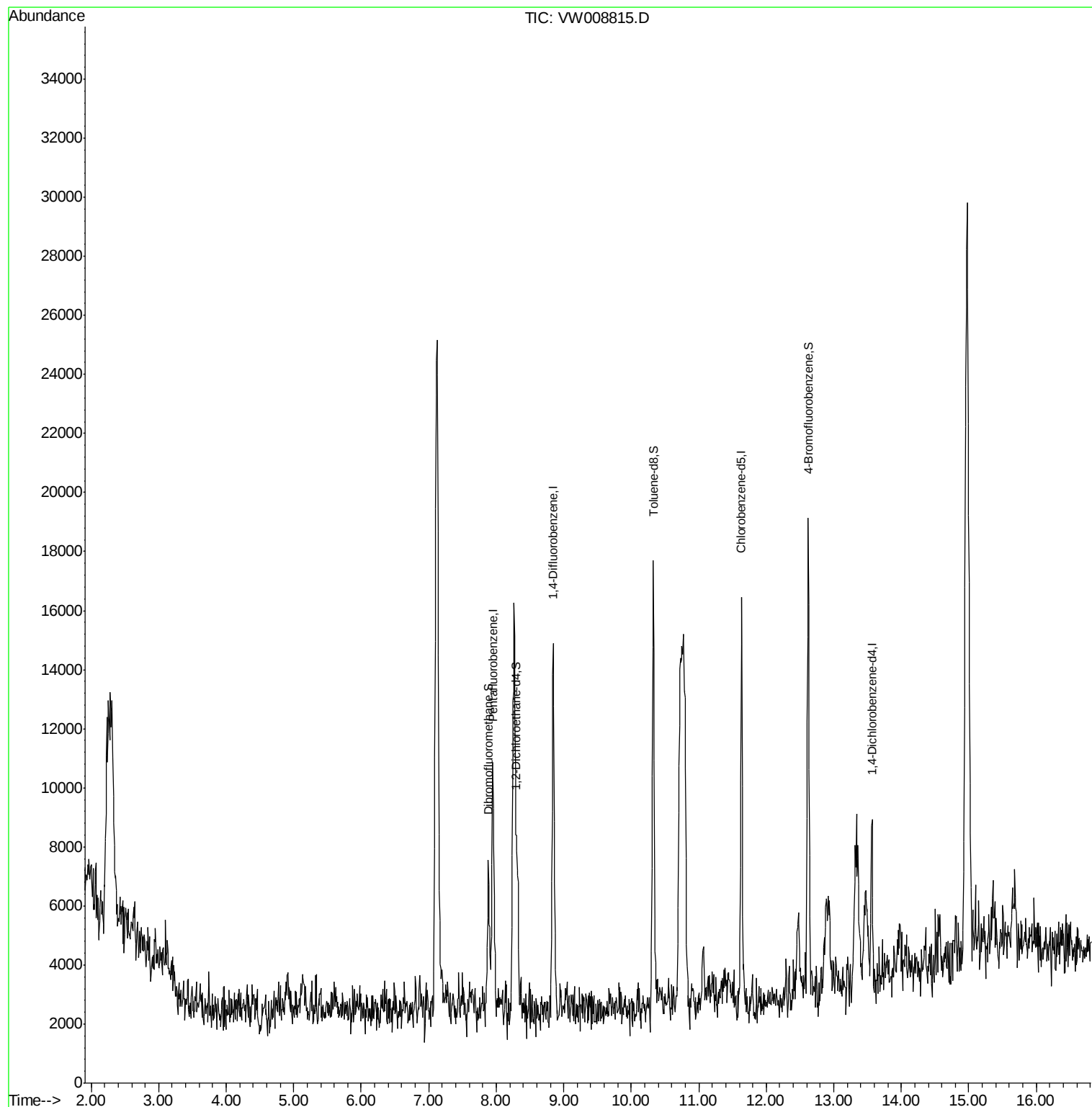
Target Compounds	Qvalue
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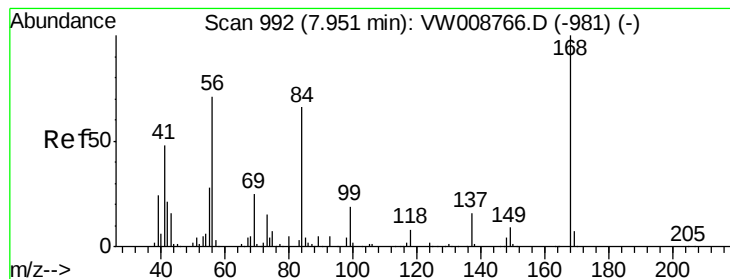
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW008815.D

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Instrument :

MSVOA_W

ClientSampleId :

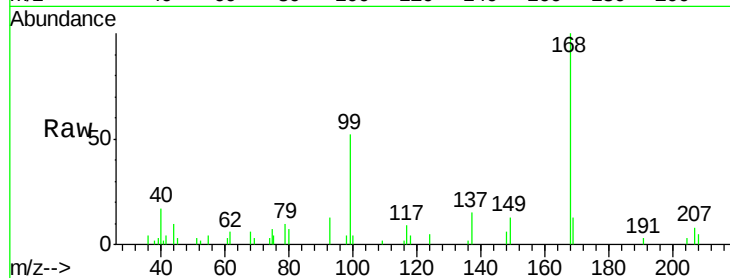
WV-BRE

Tot Ion:168 Resp: 6353

Ion Ratio Lower Upper

168 100

99 52.2 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

2500

2000

1500

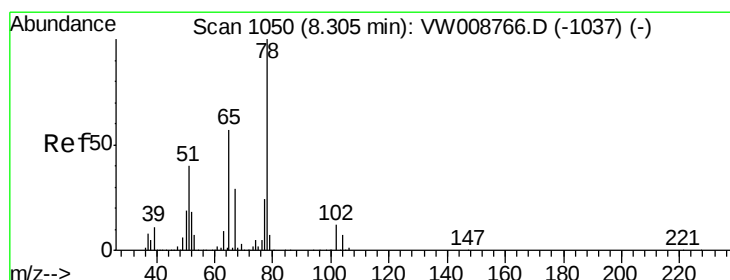
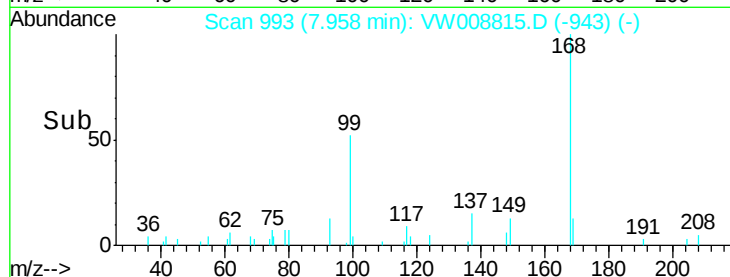
1000

500

0

Time-->

7.85 7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 60.166 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008815.D

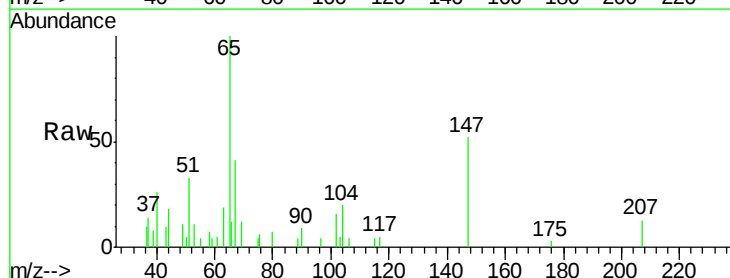
Acq: 25 Feb 2019 18:58

Tgt Ion: 65 Resp: 3585

Ion Ratio Lower Upper

65 100

67 59.7 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

1500

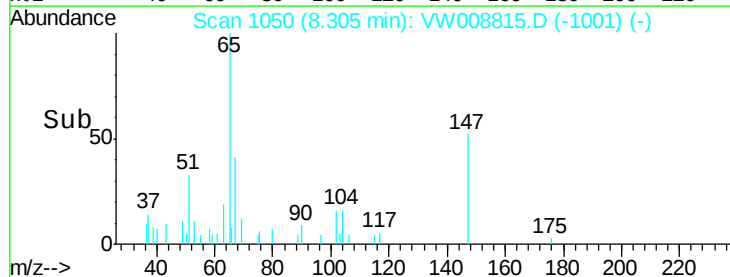
1000

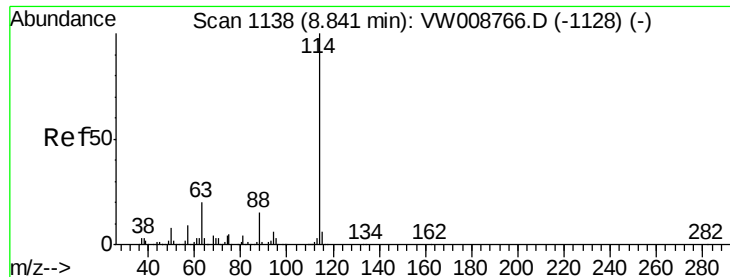
500

0

Time-->

8.20 8.25 8.30 8.35 8.40

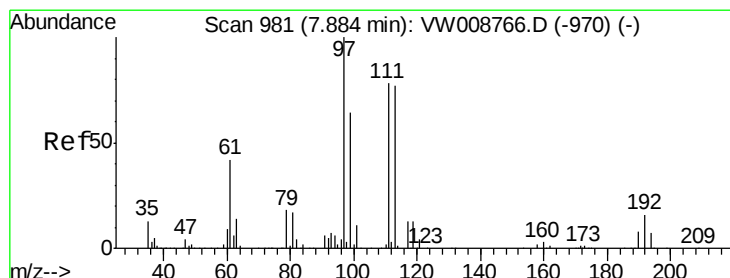
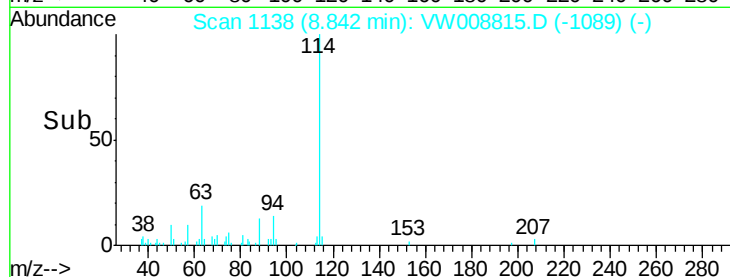
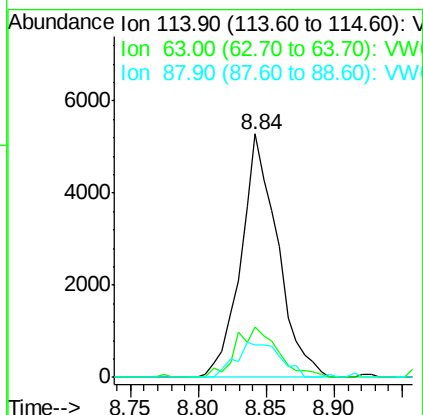
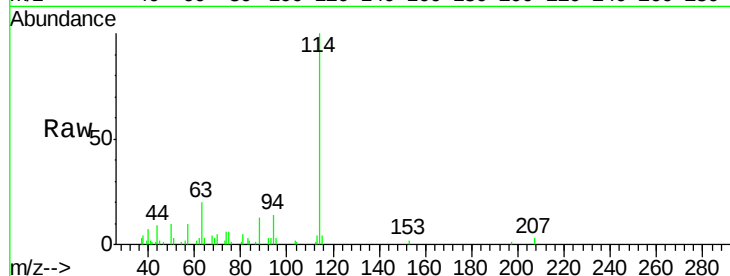




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008815.D
Acq: 25 Feb 2019 18:58

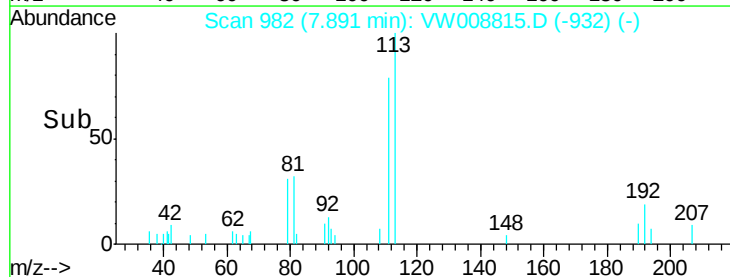
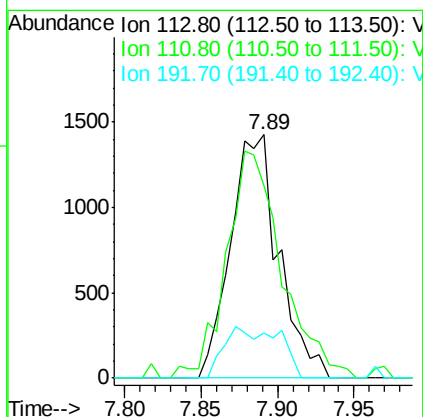
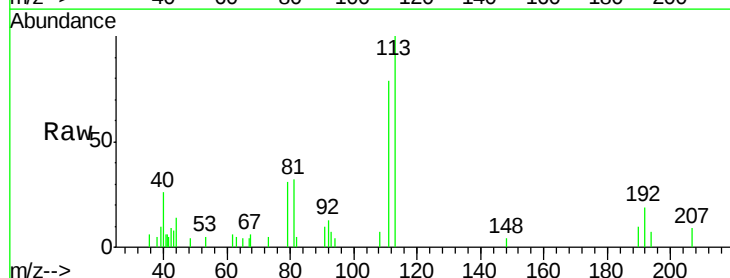
Instrument :
MSVOA_W
ClientSampleId :
WV-BRE

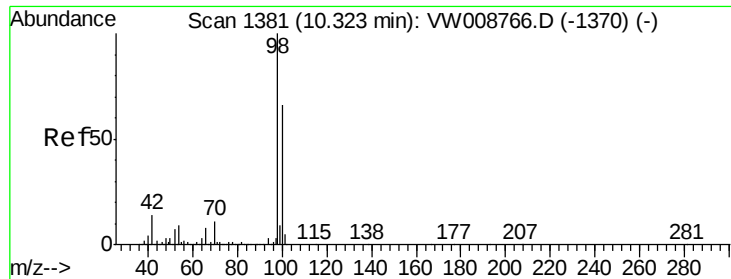
Tot Ion:114 Resp: 9954
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 13.1 0.0 30.4



#35
Dibromofluoromethane
Concen: 52.071 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW008815.D
Acq: 25 Feb 2019 18:58

Tgt Ion:113 Resp: 3112
Ion Ratio Lower Upper
113 100
111 107.1 81.9 122.9
192 13.2 17.1 25.7#





#50

Toluene-d8

Concen: 46.071 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008815.D

Acq: 25 Feb 2019 18:58

Instrument :

MSVOA_W

ClientSampleId :

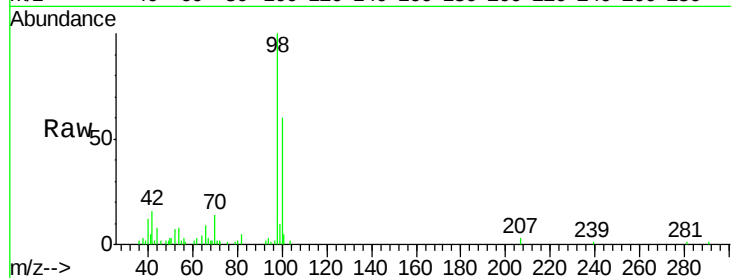
WV-BRE

Tot Ion: 98 Resp: 10629

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

6000

5000

4000

3000

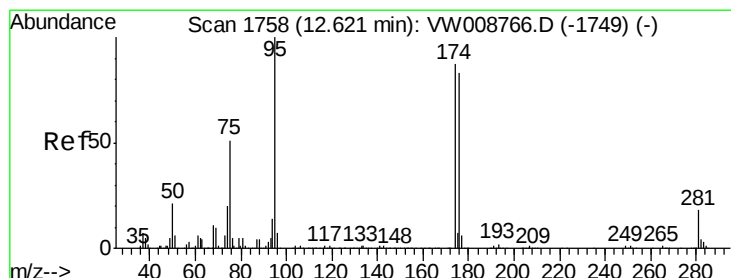
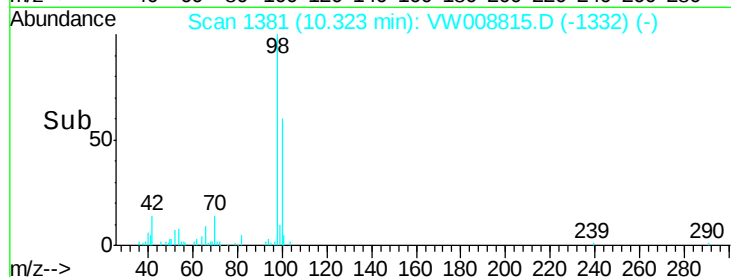
2000

1000

0

10.30 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 25.295 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008815.D

Acq: 25 Feb 2019 18:58

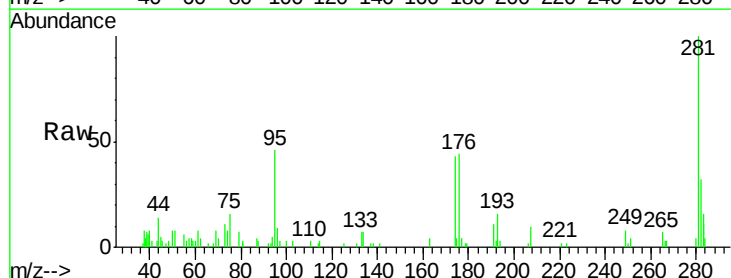
Tgt Ion: 95 Resp: 2285

Ion Ratio Lower Upper

95 100

174 90.6 0.0 169.2

176 73.1 0.0 163.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

1500

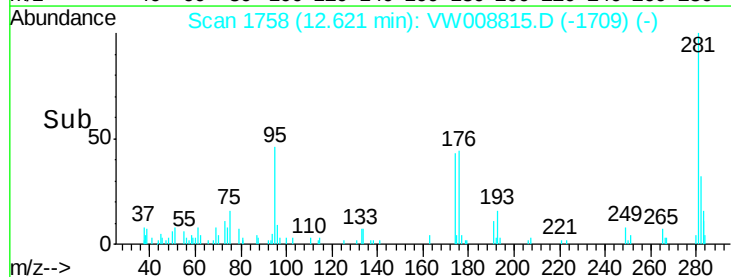
1000

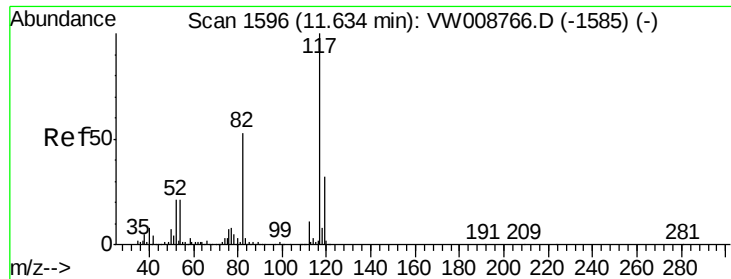
500

0

12.55 12.65

Time-->

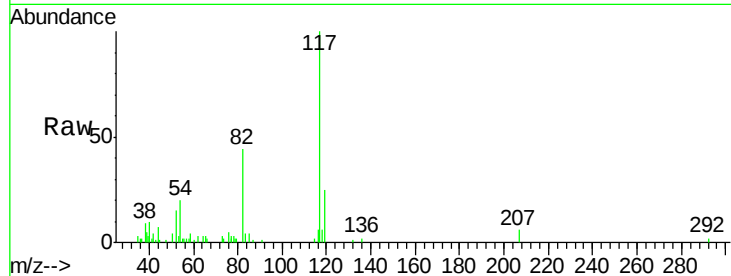




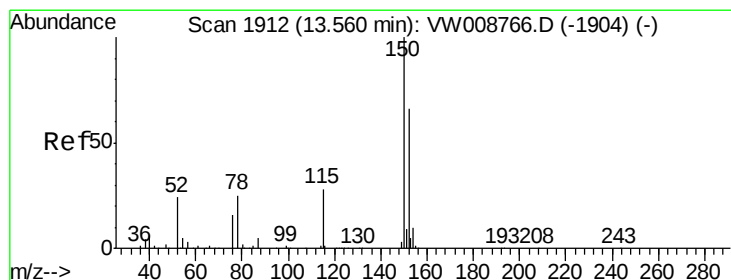
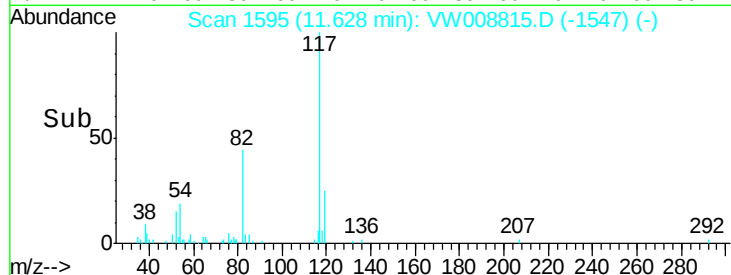
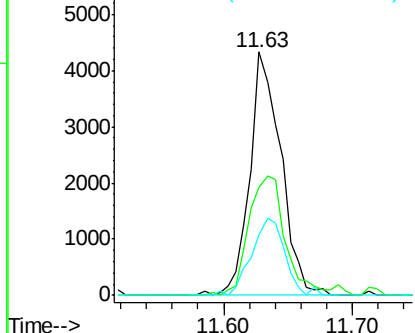
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW008815.D
Acq: 25 Feb 2019 18:58

Instrument :
MSVOA_W
ClientSampleId :
WV-BRE

Tot Ion:117 Resp: 7191
Ion Ratio Lower Upper
117 100
82 44.4 42.2 63.4
119 24.9 25.9 38.9#

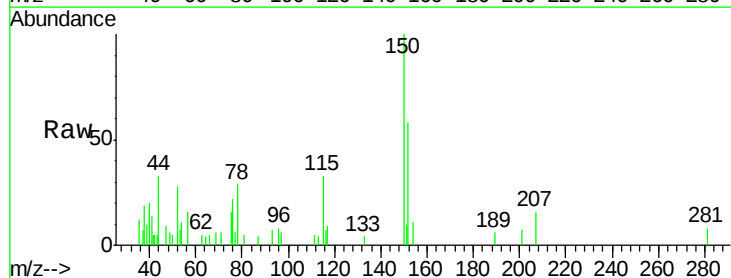


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008815.D
Acq: 25 Feb 2019 18:58

Tgt Ion:152 Resp: 1402
Ion Ratio Lower Upper
152 100
115 64.4 28.6 85.8
150 153.4 0.0 348.0



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

