

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012839.D
 Acq On : 09 Sep 2019 23:45
 Operator : SY/VA
 Sample : VW0909SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBL02

Quant Time: Sep 10 07:42:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	232579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	347619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	286156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124215	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	118265	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
35) Dibromofluoromethane	7.88	113	99811	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
50) Toluene-d8	10.32	98	405922	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.62	95	127966	43.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.06%	

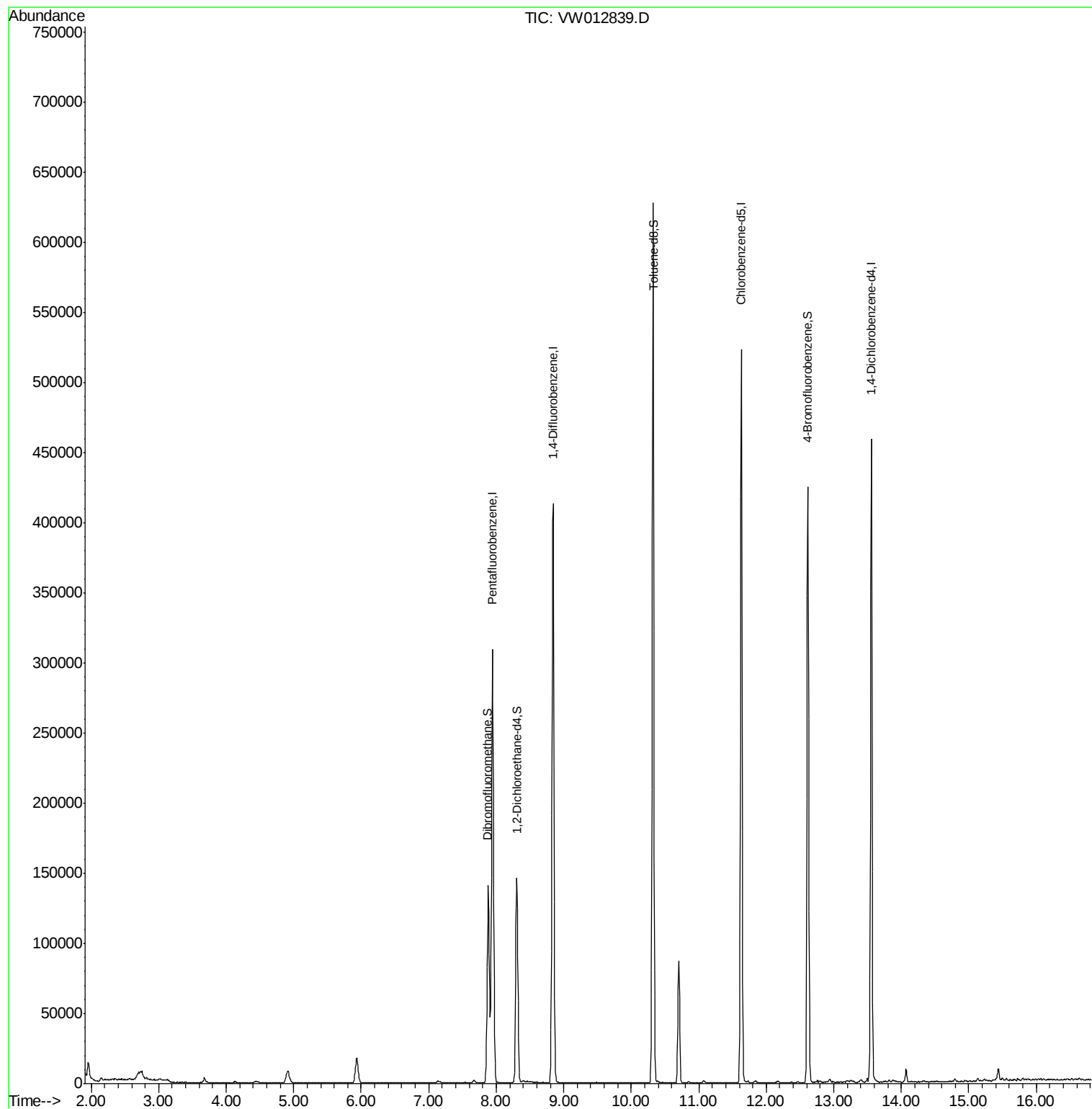
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

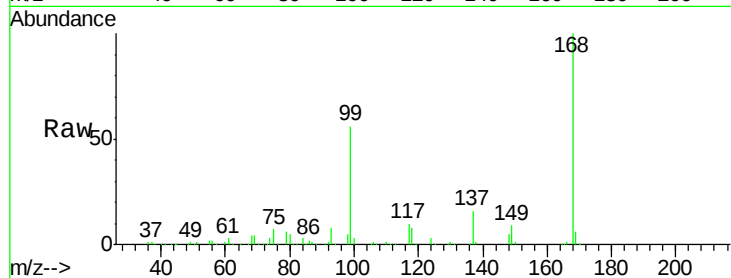
VW0909SBL02

Tot Ion:168 Resp: 232579

Ion Ratio Lower Upper

168 100

99 56.1 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

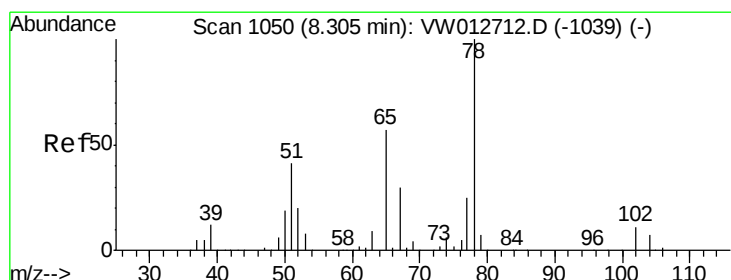
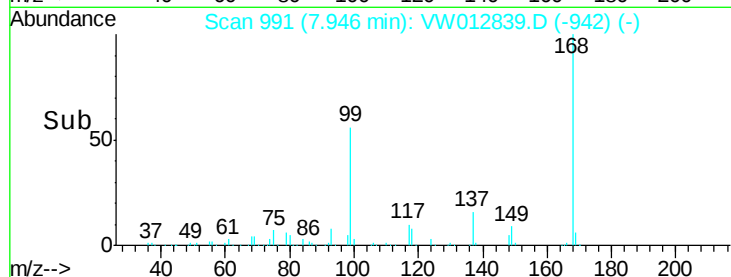
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 45.510 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012839.D

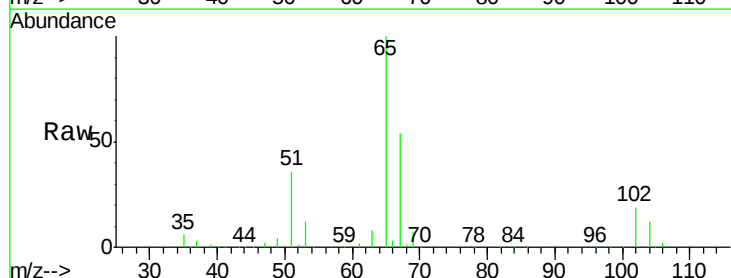
Acq: 09 Sep 2019 23:45

Tgt Ion: 65 Resp: 118265

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

50000

40000

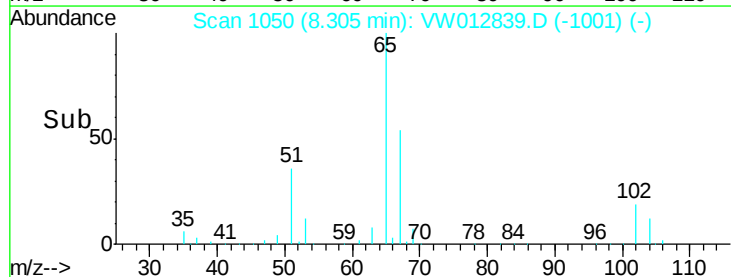
30000

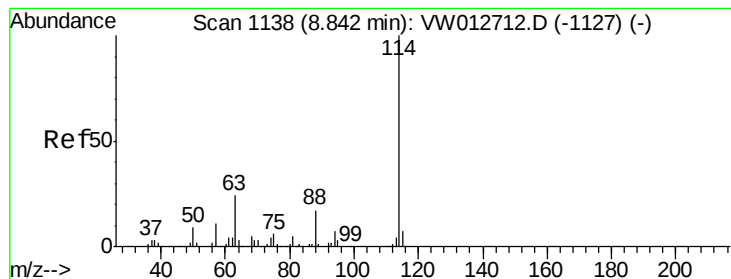
20000

10000

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: VW012839.D

Acq: 09 Sep 2019 23:45

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBL02

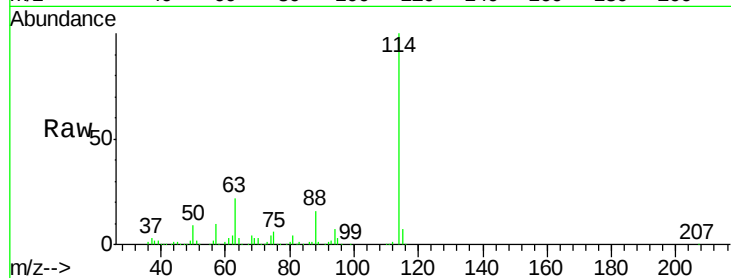
Tot Ion:114 Resp: 347619

Ion Ratio Lower Upper

114 100

63 22.2 0.0 47.2

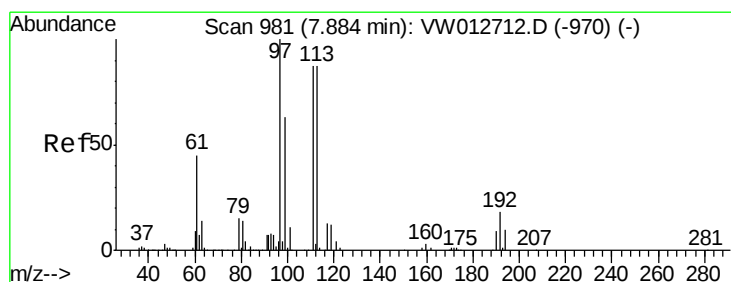
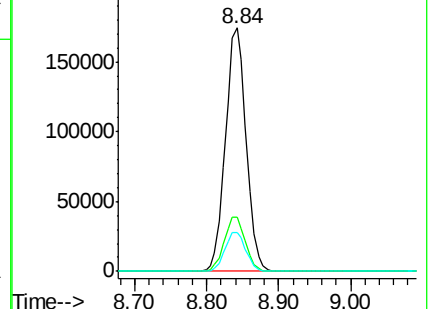
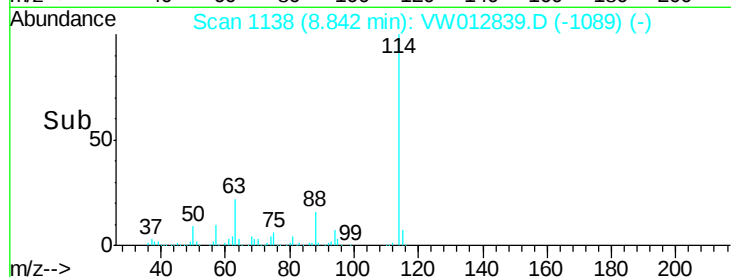
88 16.2 0.0 34.0



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: 48.295 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012839.D

Acq: 09 Sep 2019 23:45

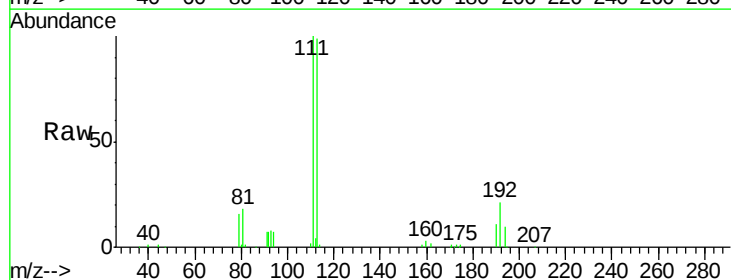
Tgt Ion:113 Resp: 99811

Ion Ratio Lower Upper

113 100

111 102.2 80.2 120.4

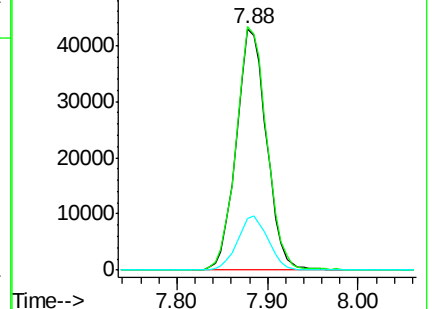
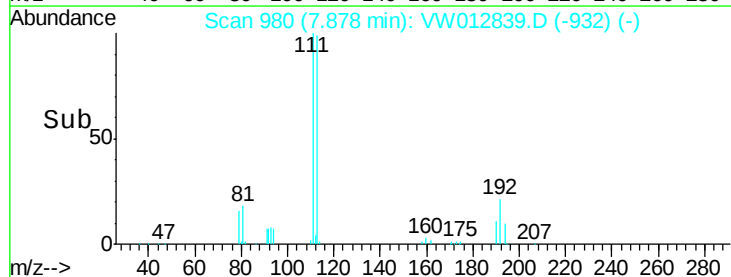
192 22.7 17.3 25.9

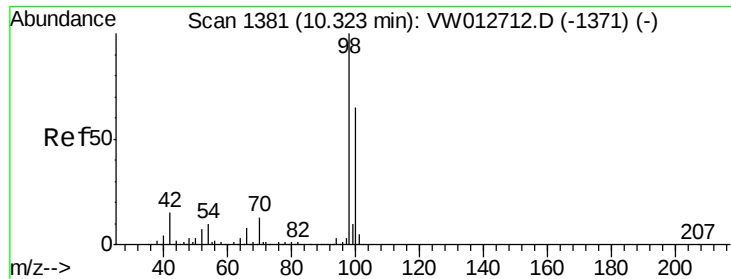


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.134 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012839.D

Acq: 09 Sep 2019 23:45

Instrument :

MSVOA_W

ClientSampleId :

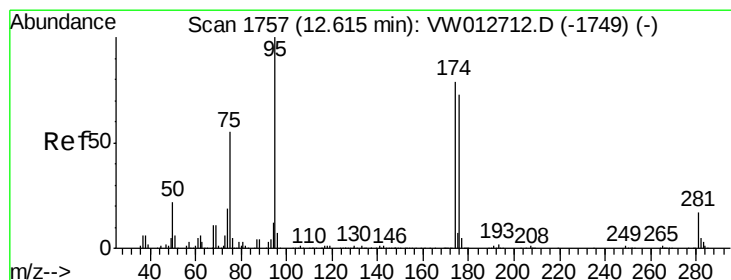
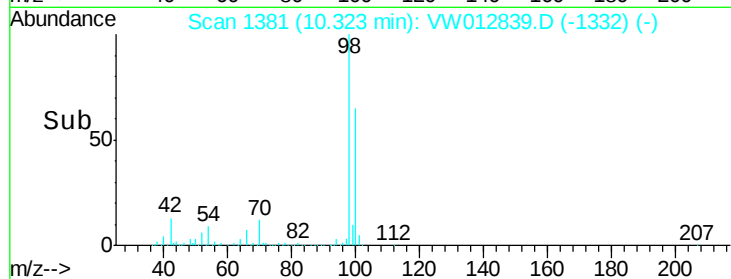
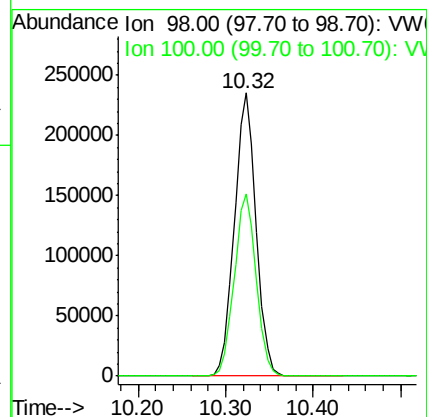
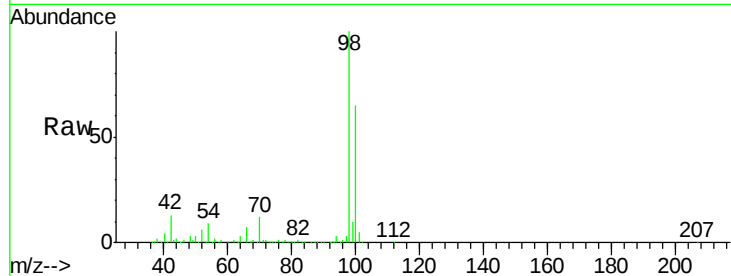
VW0909SBL02

Tot Ion: 98 Resp: 405922

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 43.535 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012839.D

Acq: 09 Sep 2019 23:45

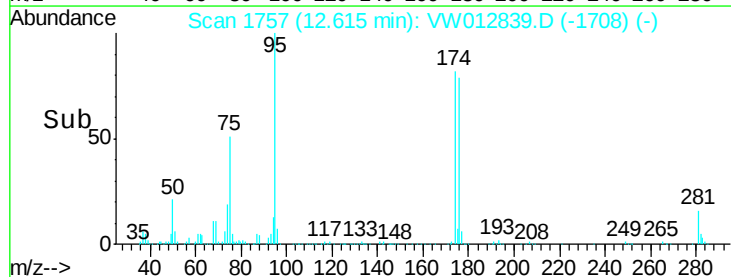
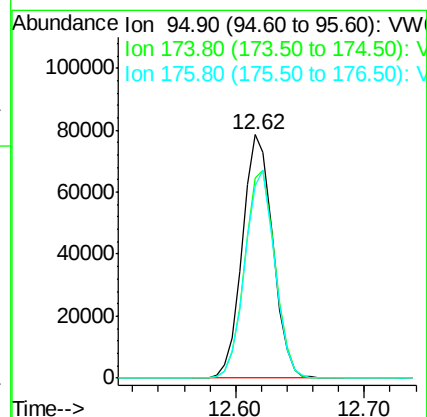
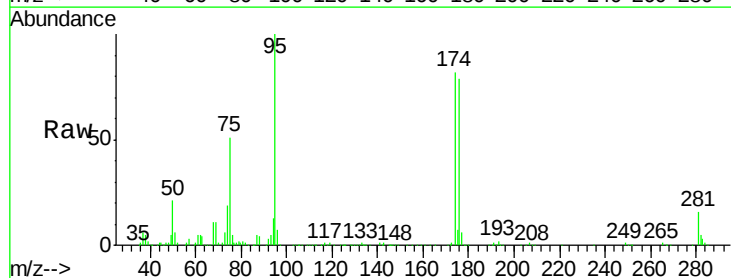
Tgt Ion: 95 Resp: 127966

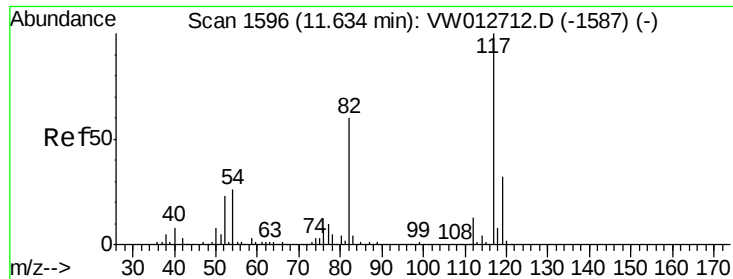
Ion Ratio Lower Upper

95 100

174 85.2 0.0 161.0

176 83.4 0.0 156.4

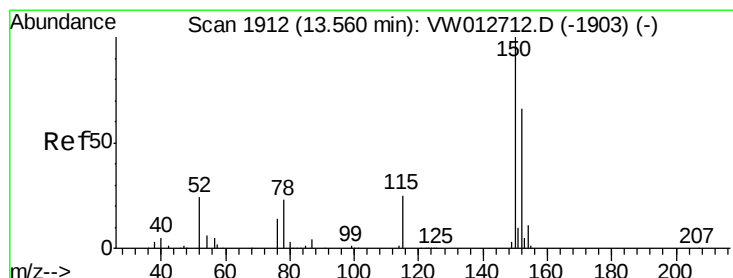
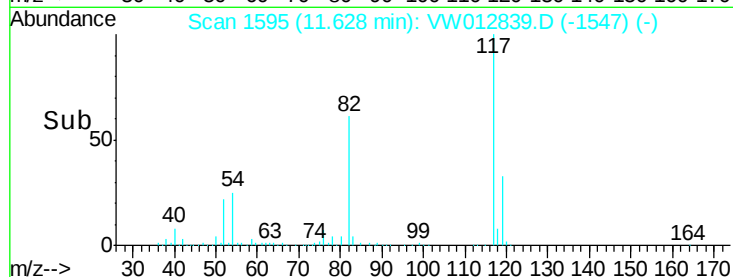
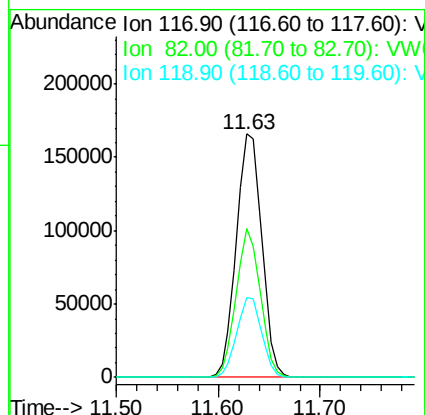
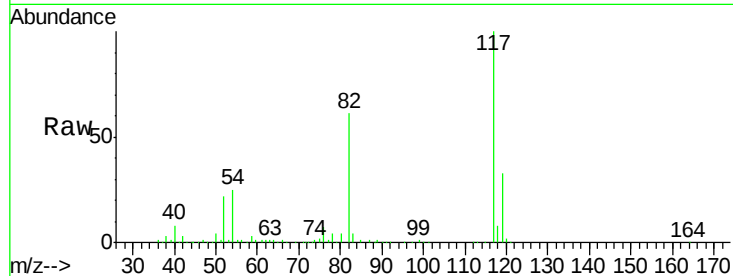




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012839.D
Acq: 09 Sep 2019 23:45

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBL02

Tot Ion:117 Resp: 286156
Ion Ratio Lower Upper
117 100
82 61.3 48.2 72.4
119 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012839.D
Acq: 09 Sep 2019 23:45

Tgt Ion:152 Resp: 124215
Ion Ratio Lower Upper
152 100
115 57.0 30.0 90.1
150 154.7 0.0 349.0

