

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012972.D
 Acq On : 13 Sep 2019 23:59
 Operator : SY/VA
 Sample : K4719-11
 Misc : 5.12G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-2(0)-HELLGATE

Quant Time: Sep 14 05:15:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	267712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	330014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134171	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	139406	56.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.76%	
35) Dibromofluoromethane	7.88	113	117203	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
50) Toluene-d8	10.32	98	470798	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	
62) 4-Bromofluorobenzene	12.62	95	143500	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	

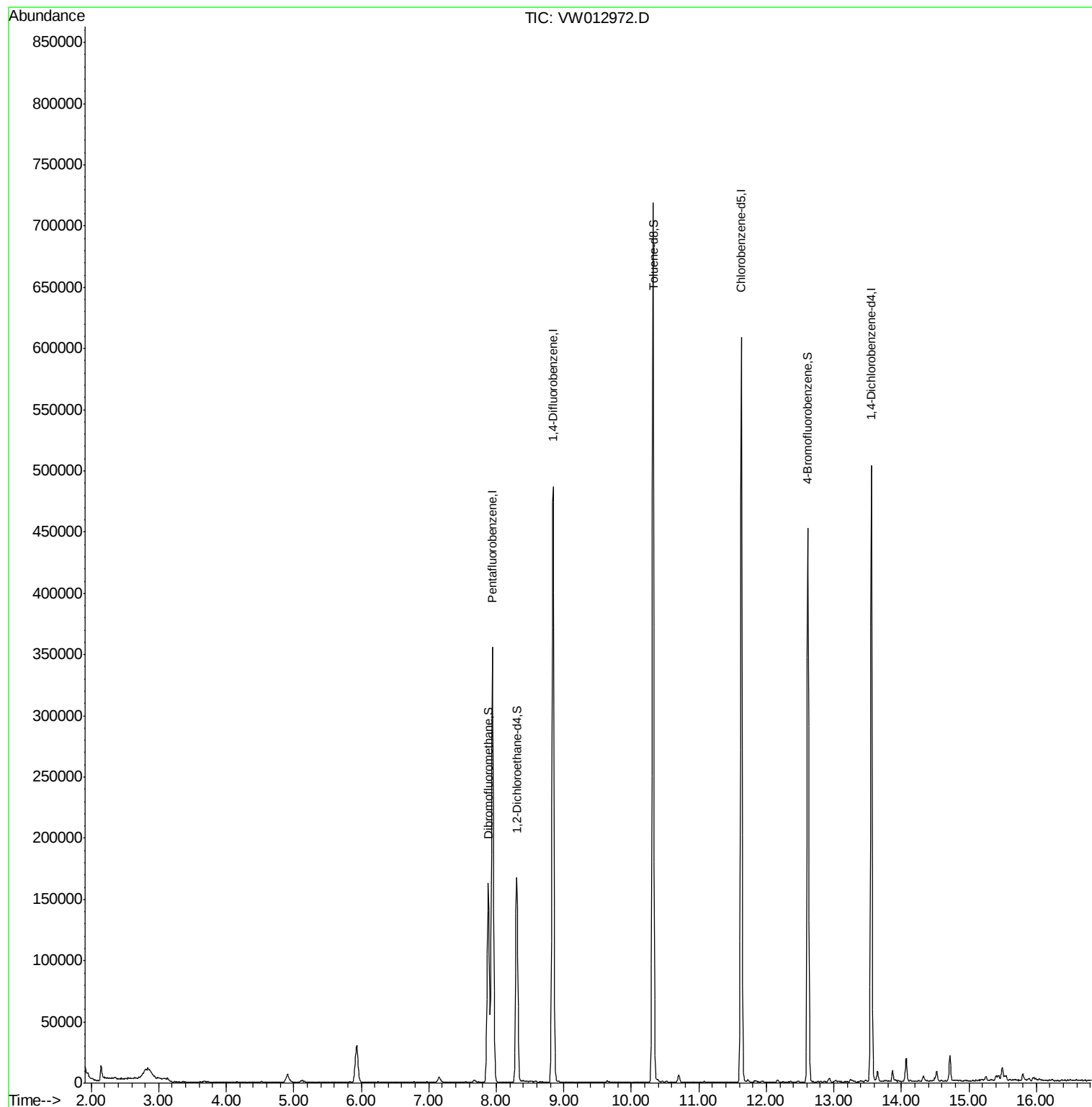
Target Compounds	Qvalue

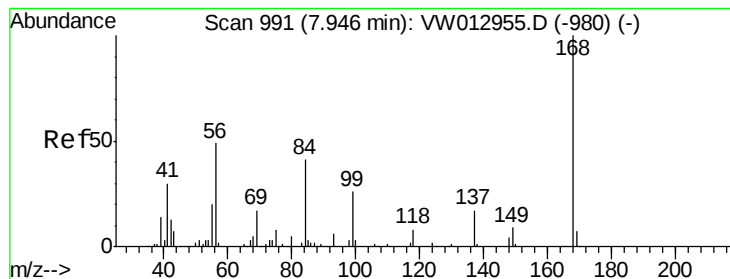
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012972.D

Acq: 13 Sep 2019 23:59

Instrument :

MSVOA_W

ClientSampleId :

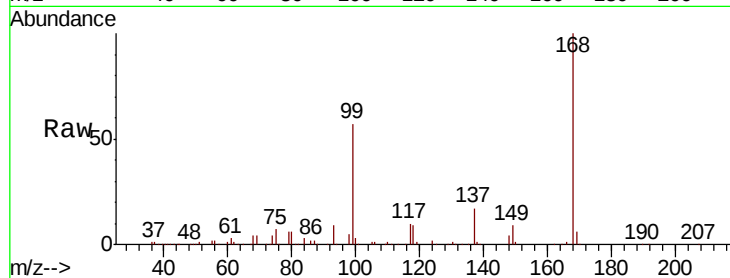
T4-2-(0)-HELLGATE

Tgt Ion:168 Resp: 267712

Ion Ratio Lower Upper

168 100

99 56.7 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

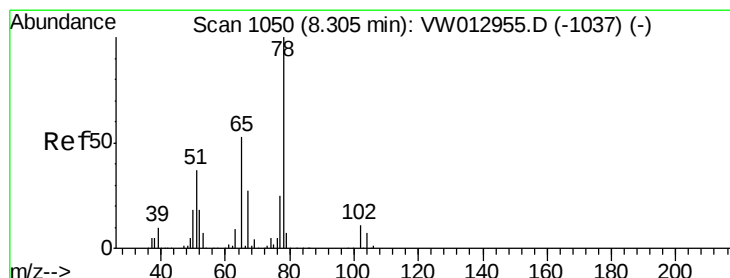
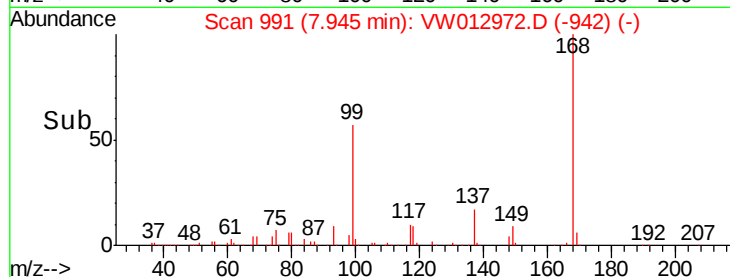
100000

50000

0

Time-->

7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 56.382 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012972.D

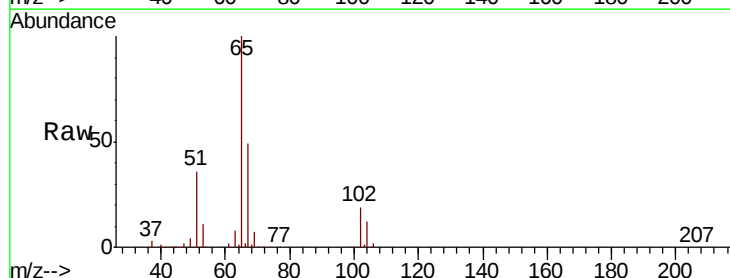
Acq: 13 Sep 2019 23:59

Tgt Ion: 65 Resp: 139406

Ion Ratio Lower Upper

65 100

67 49.5 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

60000

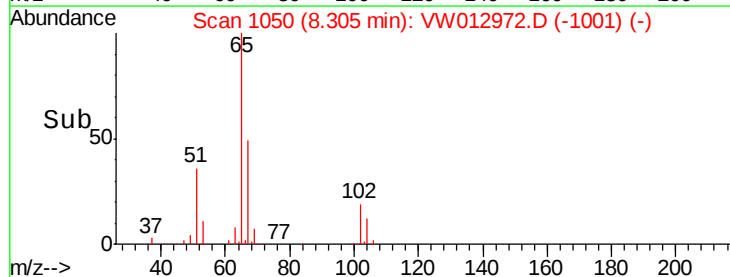
40000

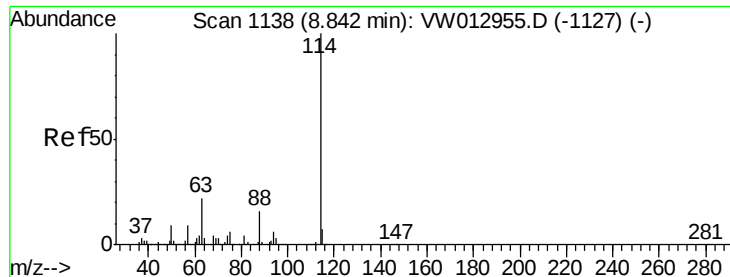
20000

0

Time-->

8.20 8.30 8.40

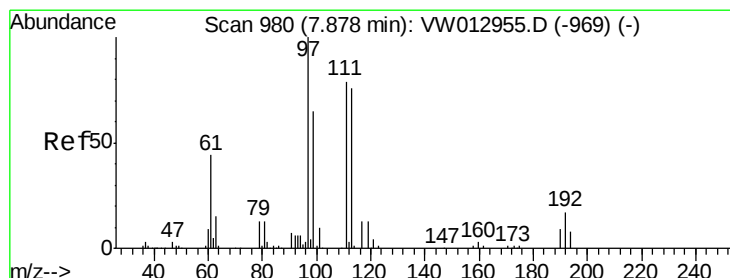
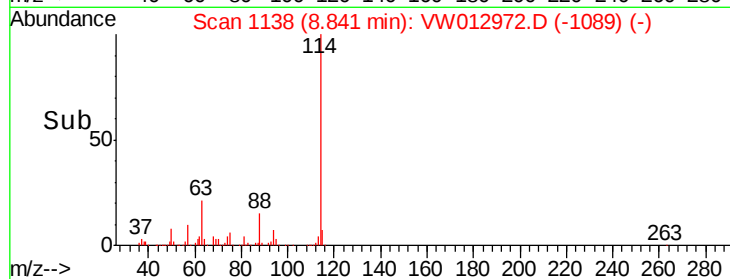
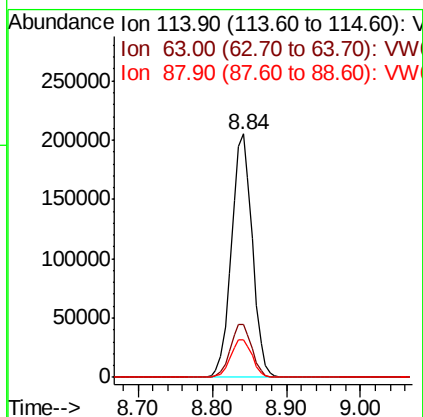
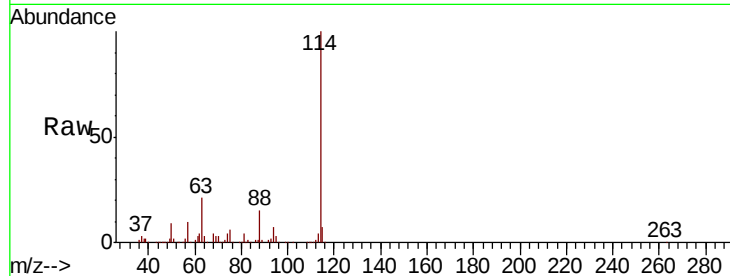




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012972.D
 Acq: 13 Sep 2019 23:59

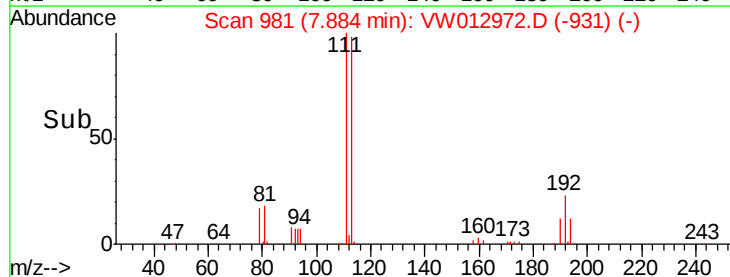
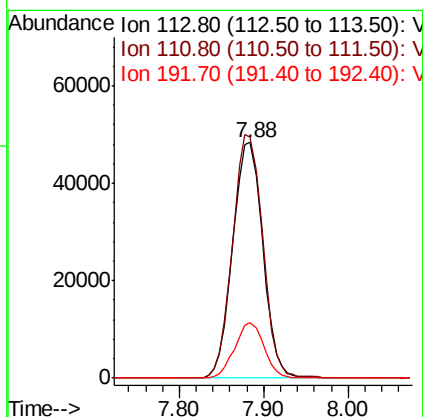
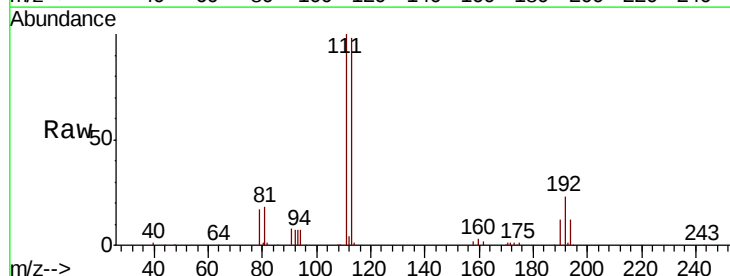
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-2(0)-HELLGATE

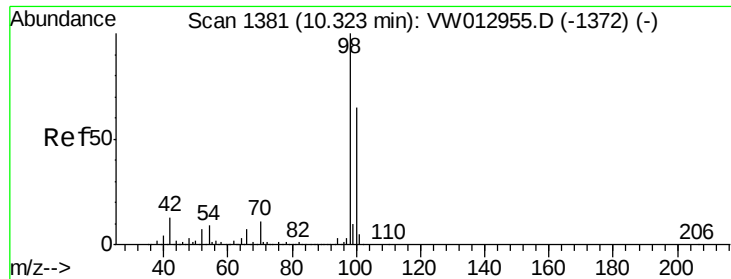
Tgt Ion:114 Resp: 402282
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.4
 88 15.4 0.0 31.6



#35
 Dibromofluoromethane
 Concen: 53.693 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW012972.D
 Acq: 13 Sep 2019 23:59

Tgt Ion:113 Resp: 117203
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.8 124.2
 192 22.8 17.8 26.8





#50

Toluene-d8

Concen: 55.118 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012972.D

Acq: 13 Sep 2019 23:59

Instrument :

MSVOA_W

ClientSampleId :

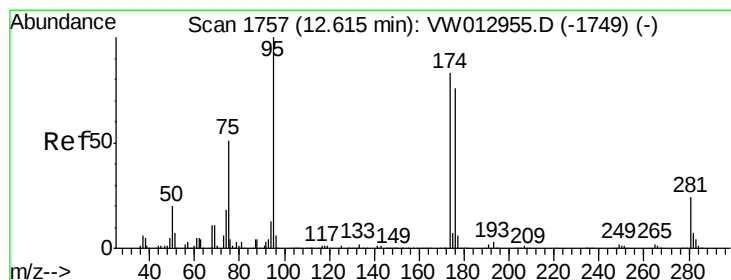
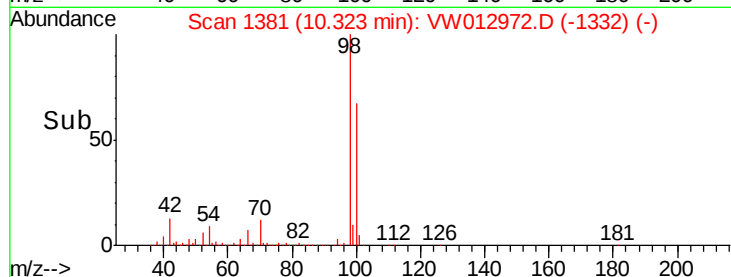
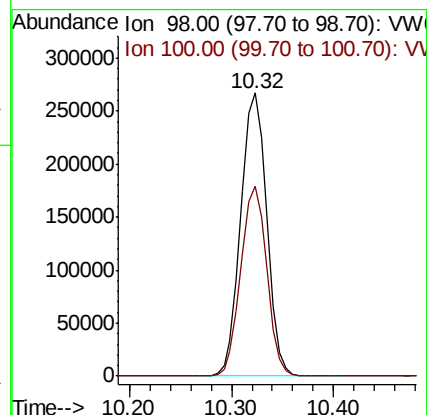
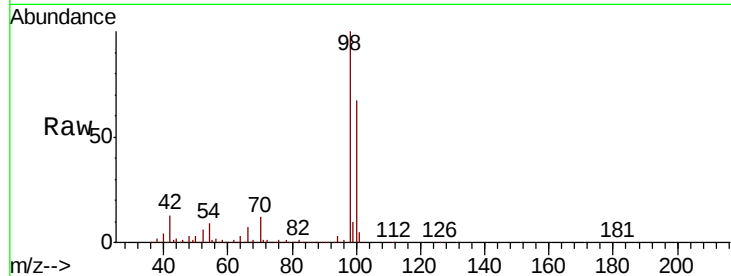
T4-2(0)-HELLGATE

Tgt Ion: 98 Resp: 470798

Ion Ratio Lower Upper

98 100

100 66.9 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 46.721 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012972.D

Acq: 13 Sep 2019 23:59

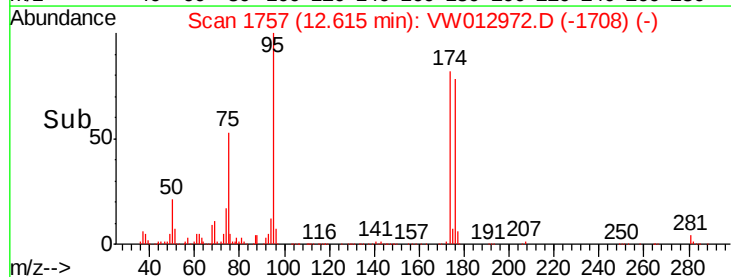
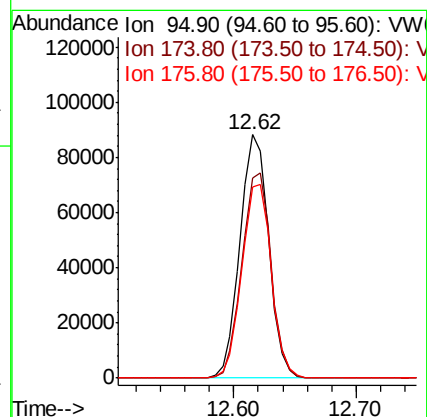
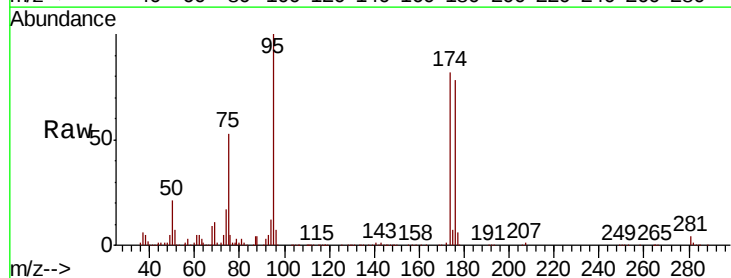
Tgt Ion: 95 Resp: 143500

Ion Ratio Lower Upper

95 100

174 85.5 0.0 170.4

176 81.6 0.0 164.6

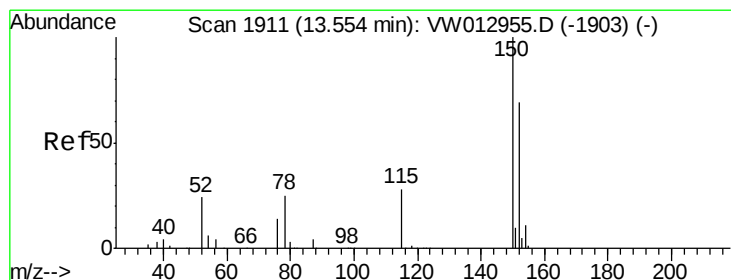
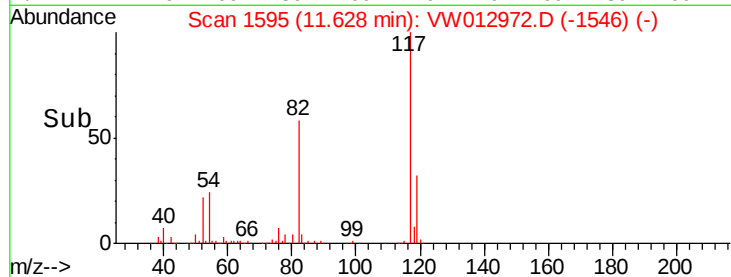
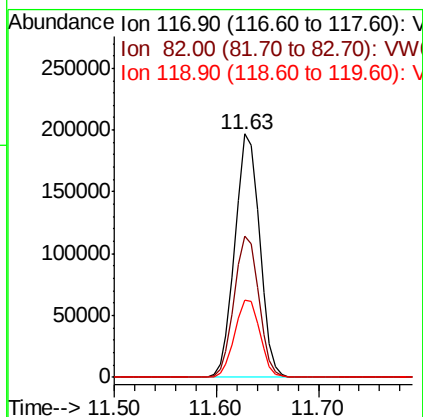
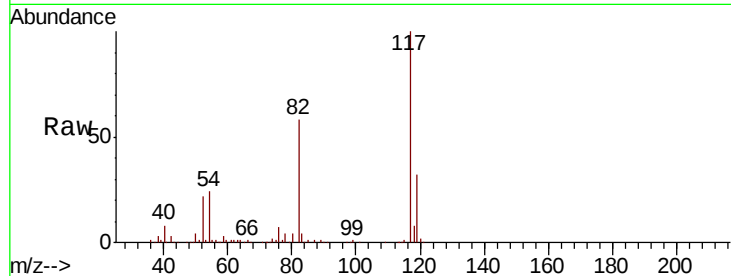




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012972.D
Acq: 13 Sep 2019 23:59

Instrument :
MSVOA_W
ClientSampleId :
T4-2-(0)-HELLGATE

Tgt Ion:117 Resp: 330014
Ion Ratio Lower Upper
117 100
82 58.1 46.3 69.5
119 31.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW012972.D
Acq: 13 Sep 2019 23:59

Tgt Ion:152 Resp: 134171
Ion Ratio Lower Upper
152 100
115 57.2 28.8 86.4
150 155.1 0.0 340.2

