

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW012996.D
 Acq On : 14 Sep 2019 16:22
 Operator : SY/VA
 Sample : K4852-08
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GIS-3(4)

Quant Time: Sep 16 07:31:08 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	266853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	412171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	346956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	149602	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	151765	61.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.16%	
35) Dibromofluoromethane	7.88	113	125150	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	
50) Toluene-d8	10.32	98	488835	55.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.72%	
62) 4-Bromofluorobenzene	12.62	95	156152	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	

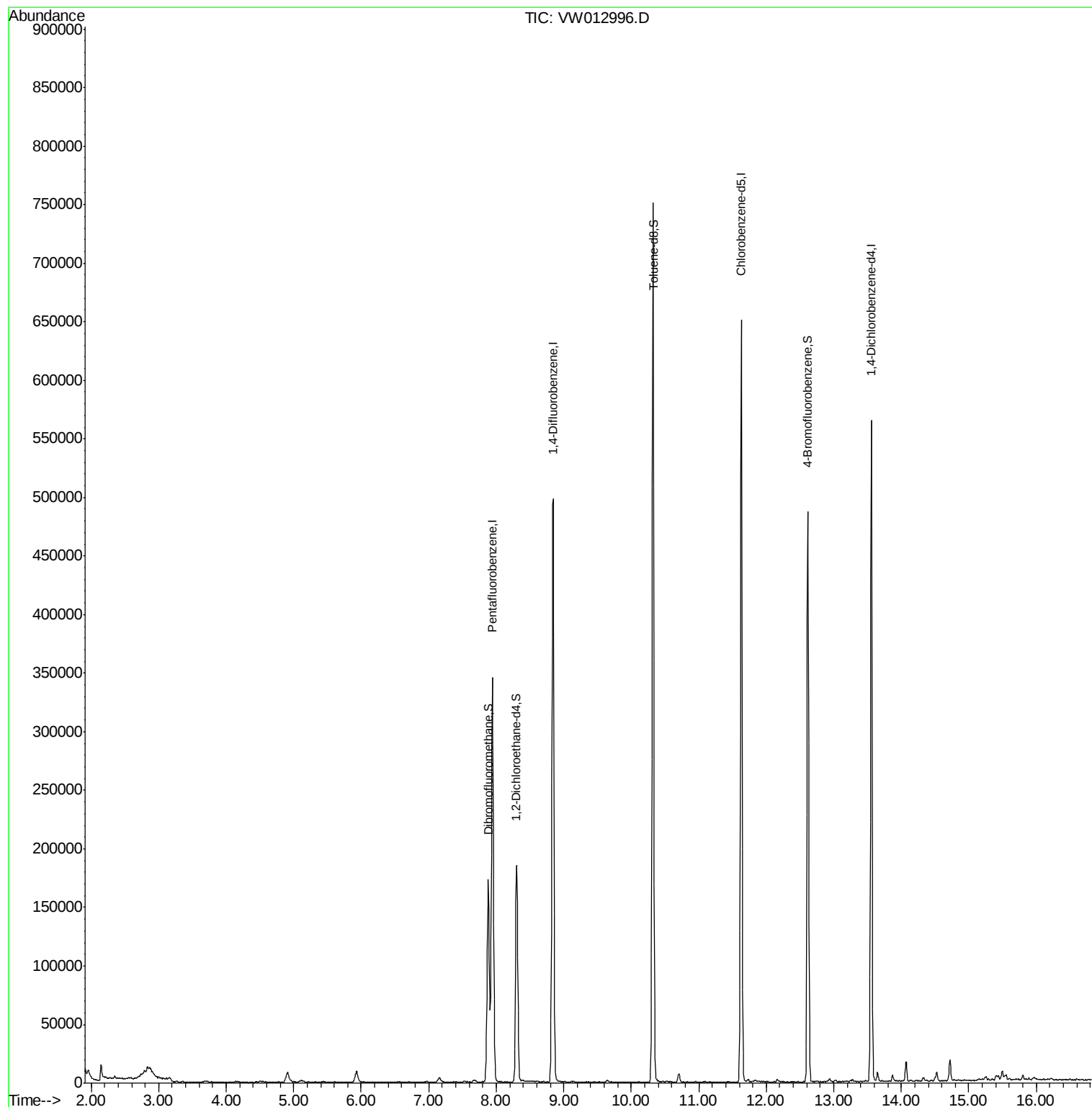
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 13 17:26:01 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: VW012996.D

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MSVOA_W

ClientSampleId :

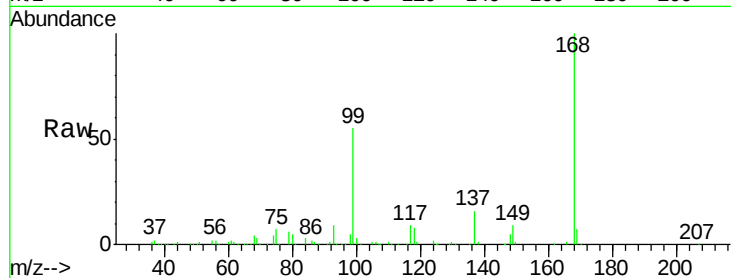
GIS-3(4)

Tot Ion:168 Resp: 266853

Ion Ratio Lower Upper

168 100

99 54.7 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

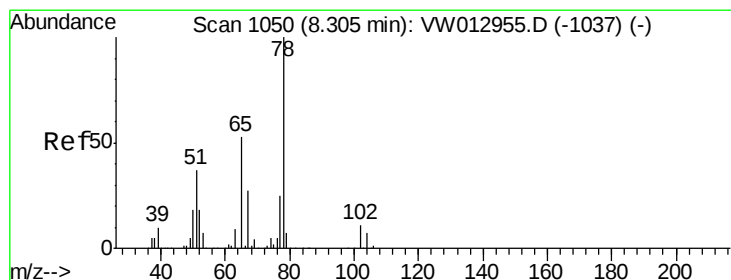
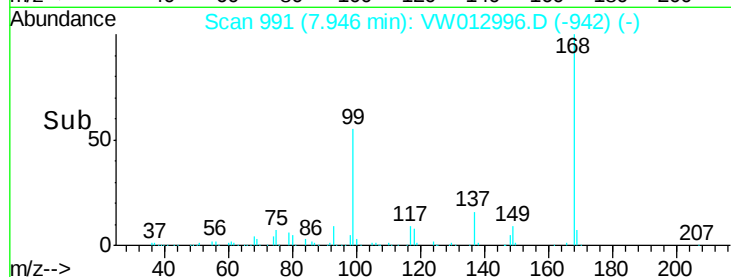
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 61.579 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012996.D

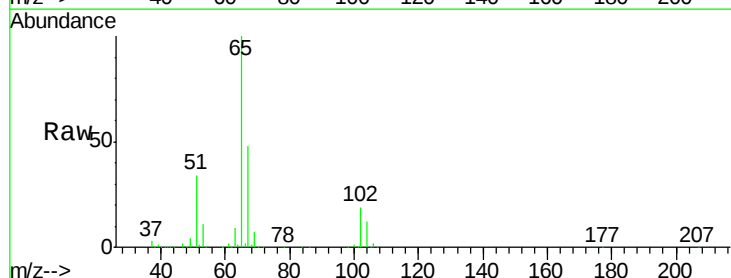
Acq: 14 Sep 2019 16:22

Tgt Ion: 65 Resp: 151765

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

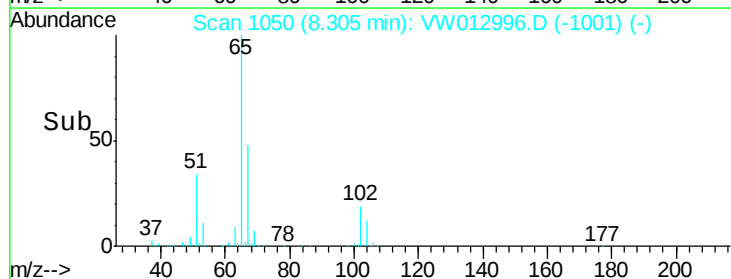
60000

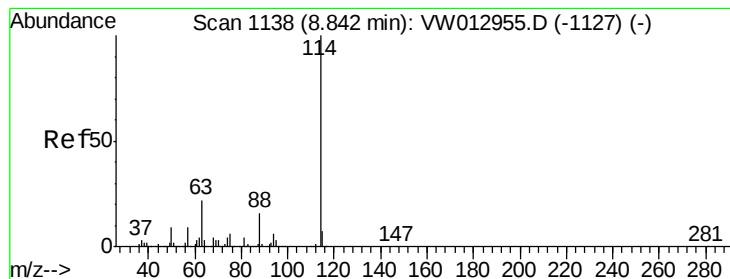
40000

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: VW012996.D

Acq: 14 Sep 2019 16:22

Instrument :

MSVOA_W

ClientSampled :

GIS-3(4)

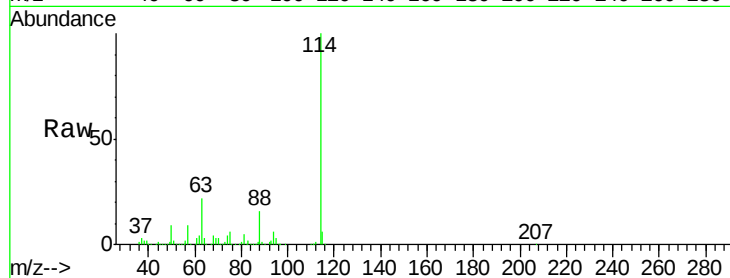
Tot Ion:114 Resp: 412171

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

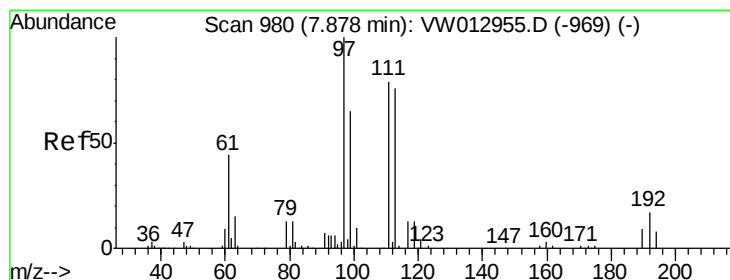
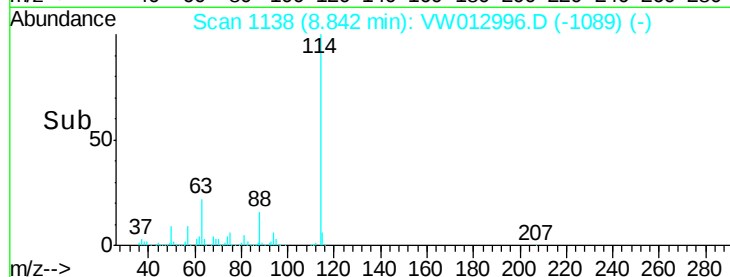
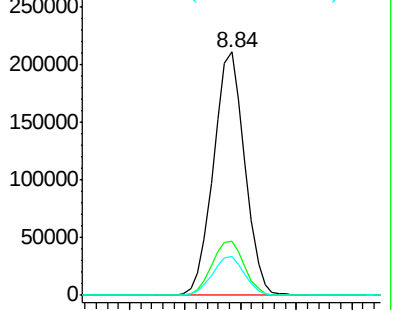
88 16.0 0.0 31.6



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: 55.958 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW012996.D

Acq: 14 Sep 2019 16:22

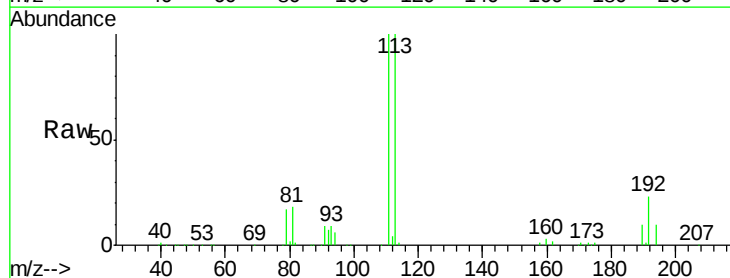
Tgt Ion:113 Resp: 125150

Ion Ratio Lower Upper

113 100

111 101.4 82.8 124.2

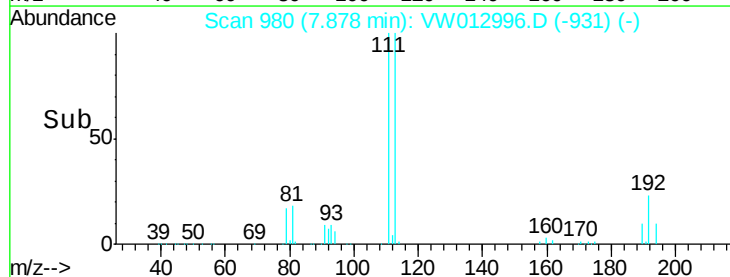
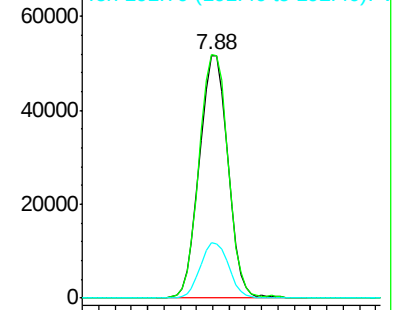
192 22.7 17.8 26.8

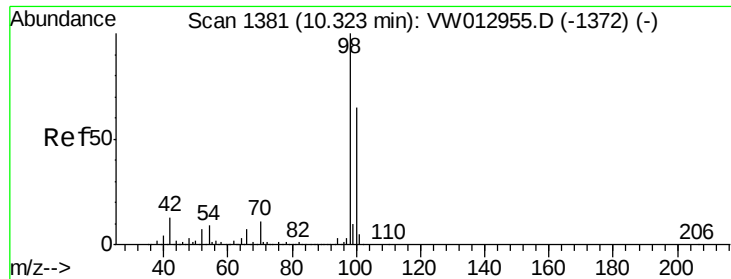


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.856 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012996.D

Acq: 14 Sep 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

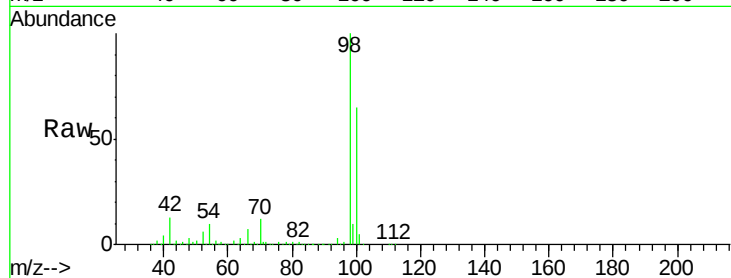
GIS-3(4)

Tot Ion: 98 Resp: 488835

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

300000

250000

200000

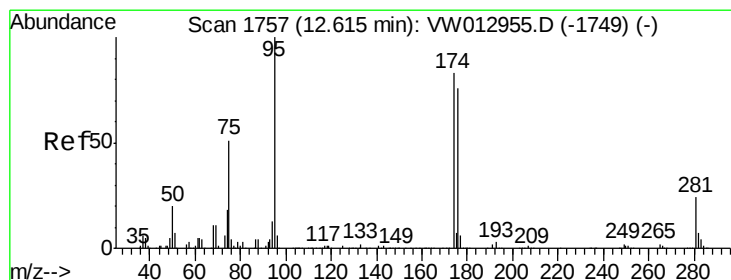
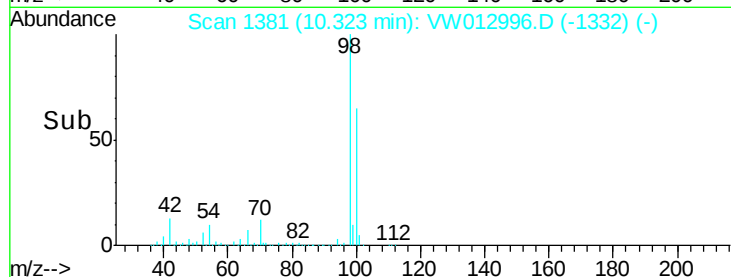
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 49.621 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012996.D

Acq: 14 Sep 2019 16:22

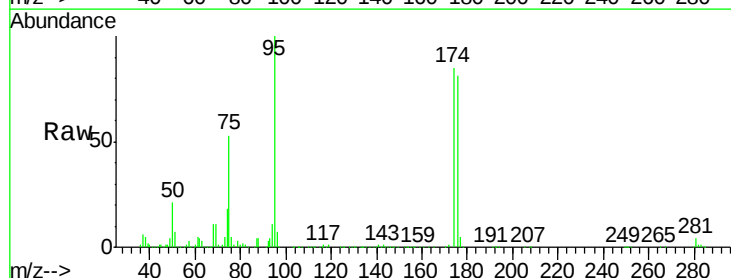
Tgt Ion: 95 Resp: 156152

Ion Ratio Lower Upper

95 100

174 83.8 0.0 170.4

176 80.6 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

12.62

120000

100000

80000

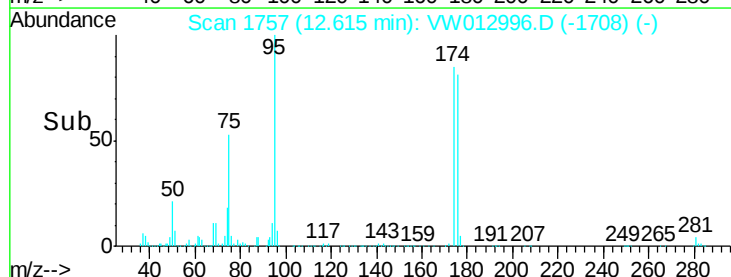
60000

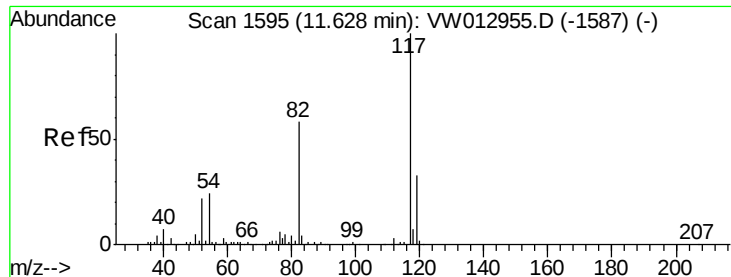
40000

20000

0

Time--> 12.50 12.60 12.70

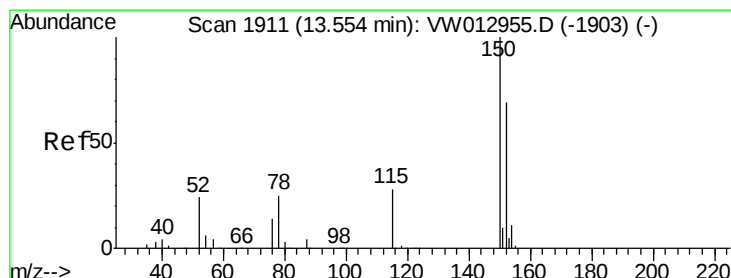
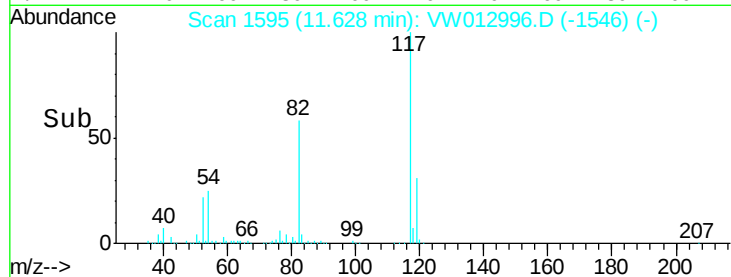
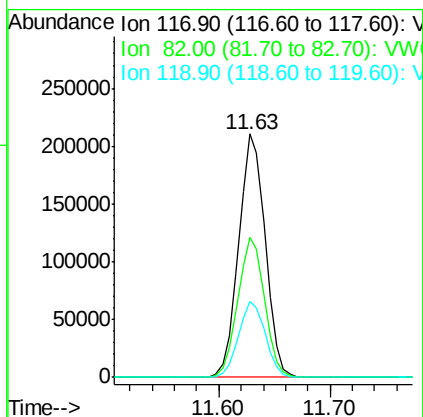
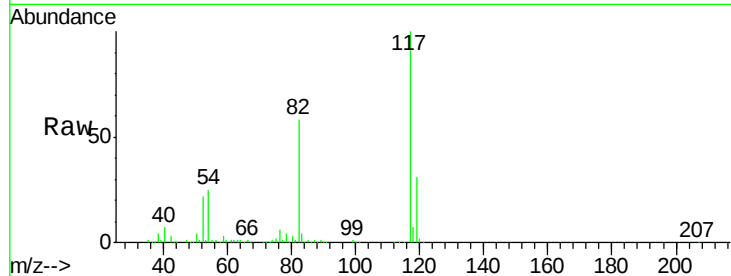




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW012996.D
Acq: 14 Sep 2019 16:22

Instrument :
MSVOA_W
ClientSampled :
GIS-3(4)

Tot Ion:117 Resp: 346956
Ion Ratio Lower Upper
117 100
82 57.5 46.3 69.5
119 31.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW012996.D
Acq: 14 Sep 2019 16:22

Tgt Ion:152 Resp: 149602
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.4
150 157.3 0.0 340.2

