

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW012995.D
 Acq On : 14 Sep 2019 15:56
 Operator : SY/VA
 Sample : K4852-02
 Misc : 6.85G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GIS-1(2)

Quant Time: Sep 16 07:29:20 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	282102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	425951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	146089	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	153936	59.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.16%	
35) Dibromofluoromethane	7.88	113	127682	55.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.48%	
50) Toluene-d8	10.32	98	504691	55.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.60%	
62) 4-Bromofluorobenzene	12.62	95	157730	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

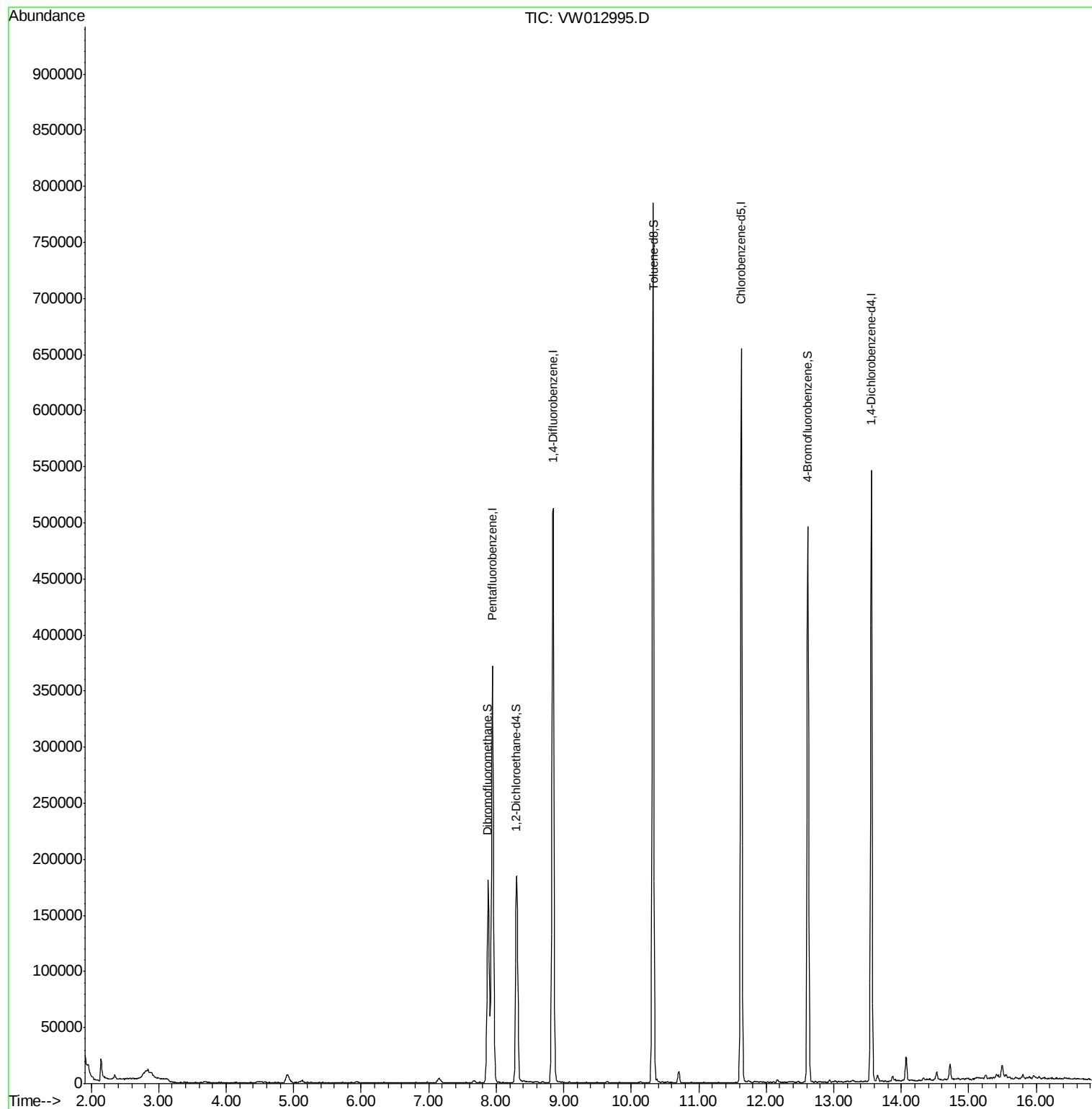
Target Compounds	Qvalue
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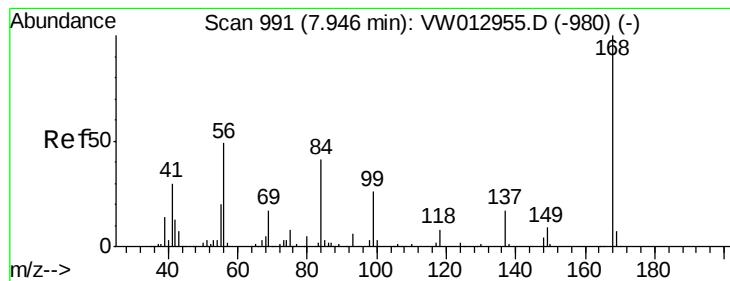
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
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Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012995.D

Acq: 14 Sep 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

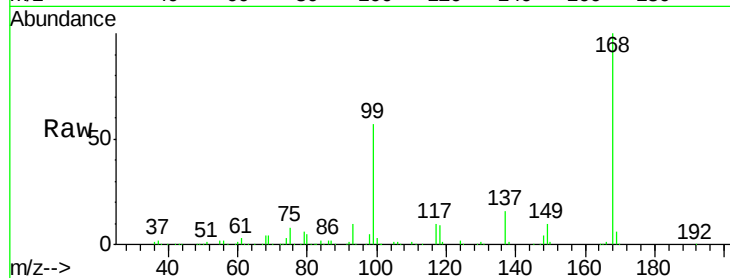
GIS-1(2)

Tot Ion:168 Resp: 282102

Ion Ratio Lower Upper

168 100

99 56.8 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

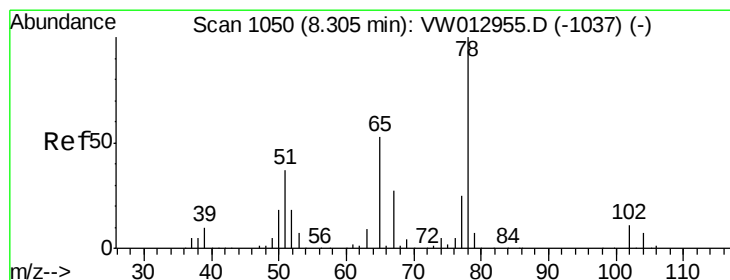
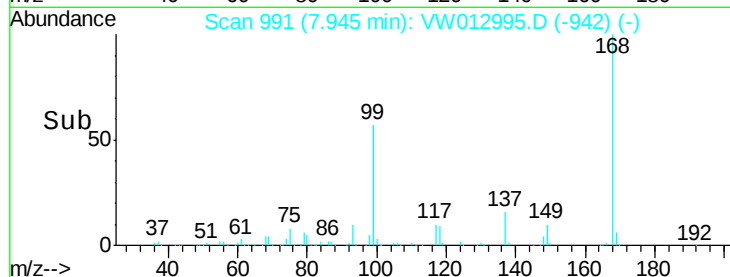
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.083 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012995.D

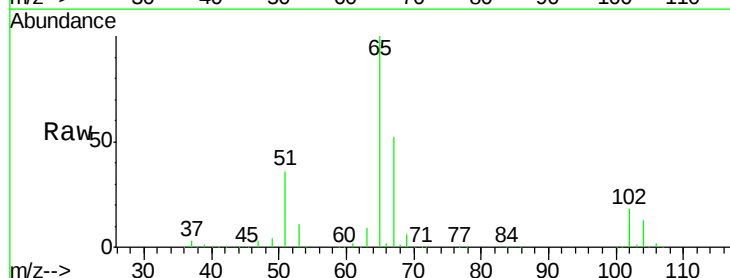
Acq: 14 Sep 2019 15:56

Tgt Ion: 65 Resp: 153936

Ion Ratio Lower Upper

65 100

67 50.7 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

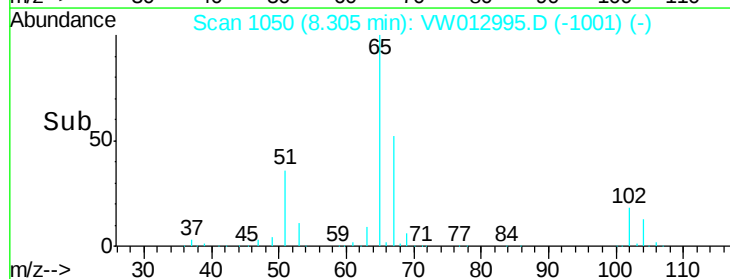
60000

40000

20000

0

Time-->

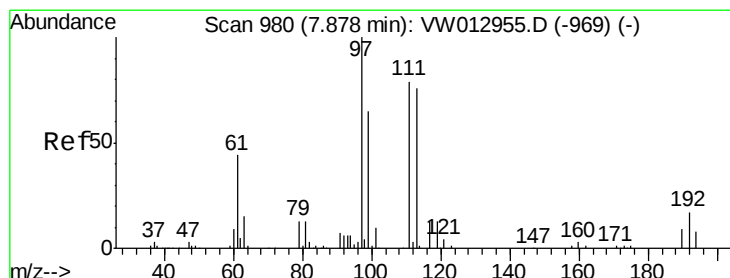
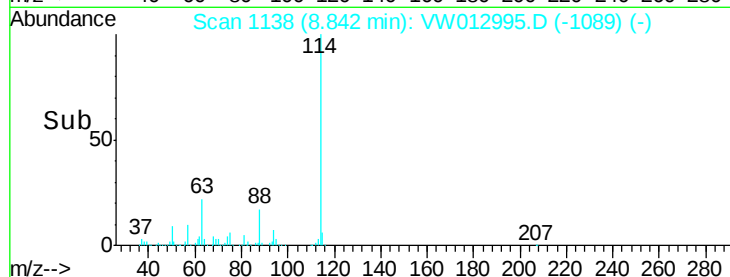
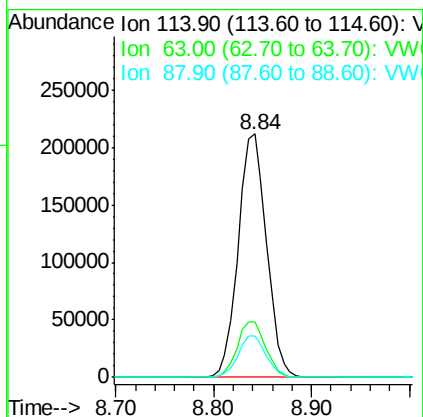
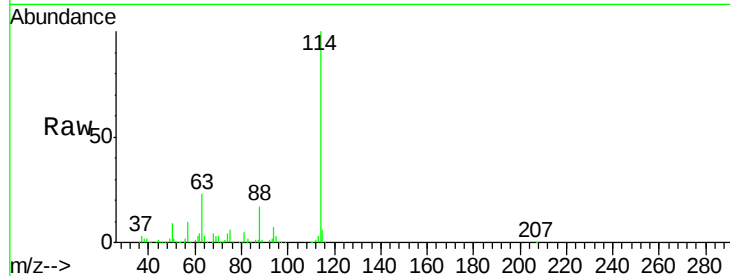




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012995.D
 Acq: 14 Sep 2019 15:56

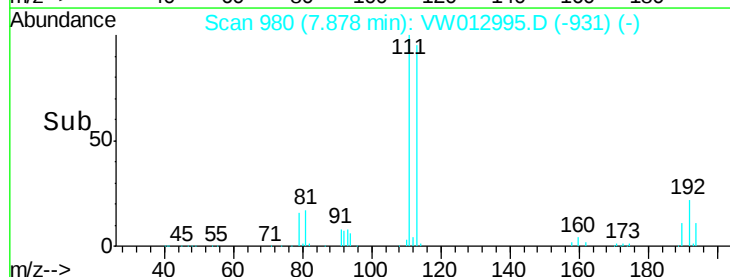
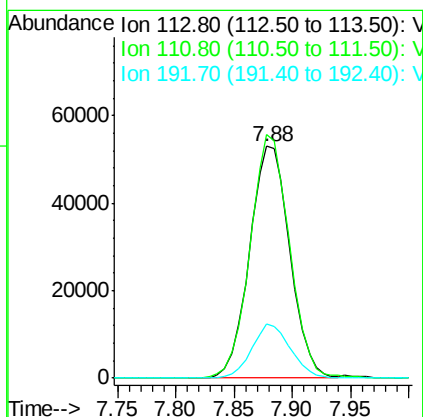
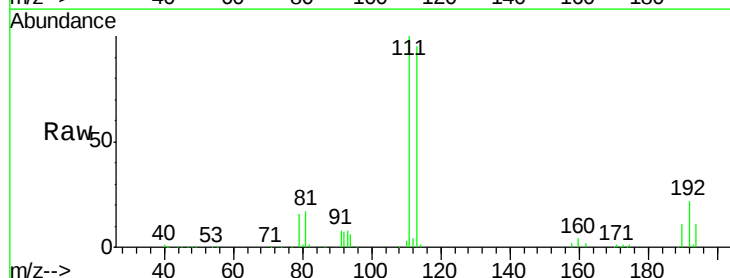
Instrument :
 MSVOA_W
 ClientSampled :
 GIS-1(2)

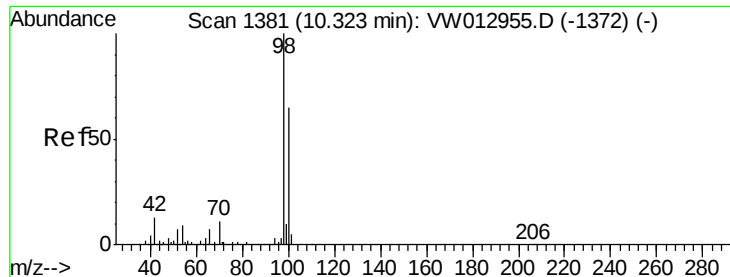
Tot Ion:114 Resp: 425951
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.4
 88 16.9 0.0 31.6



#35
 Dibromofluoromethane
 Concen: 55.243 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW012995.D
 Acq: 14 Sep 2019 15:56

Tgt Ion:113 Resp: 127682
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.8 124.2
 192 22.5 17.8 26.8





#50

Toluene-d8

Concen: 55.803 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012995.D

Acq: 14 Sep 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

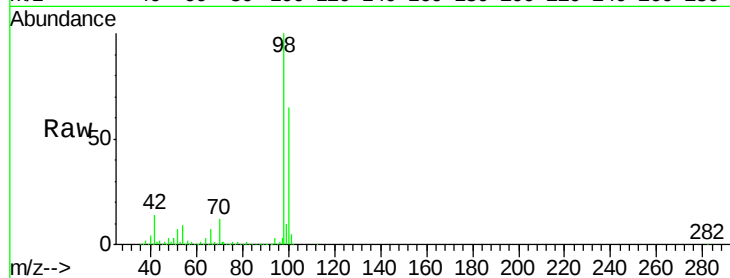
GIS-1(2)

Tot Ion: 98 Resp: 504691

Ion Ratio Lower Upper

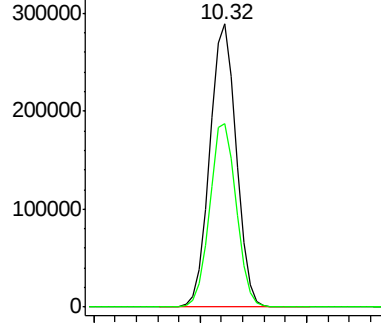
98 100

100 65.4 52.1 78.1

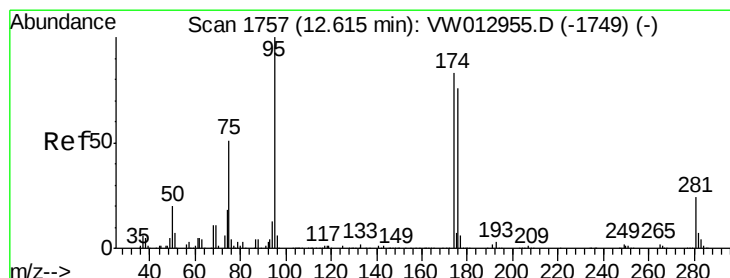
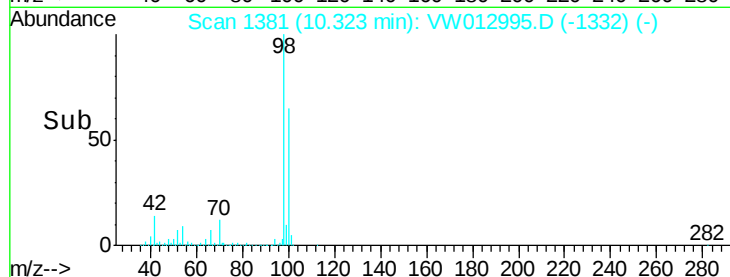


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->



#62

4-Bromofluorobenzene

Concen: 48.501 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012995.D

Acq: 14 Sep 2019 15:56

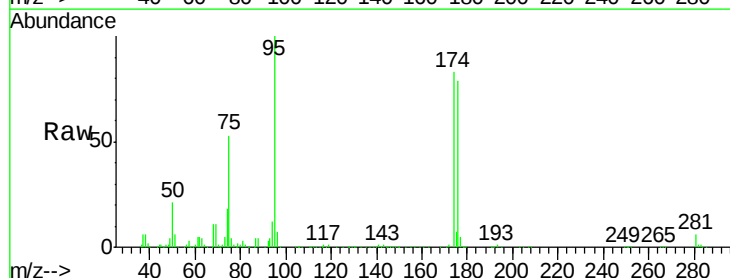
Tgt Ion: 95 Resp: 157730

Ion Ratio Lower Upper

95 100

174 84.0 0.0 170.4

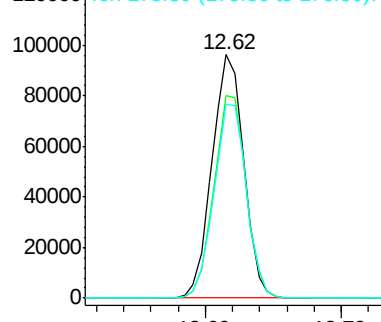
176 81.4 0.0 164.6



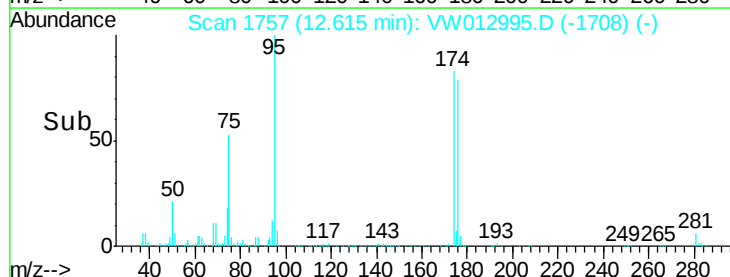
Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

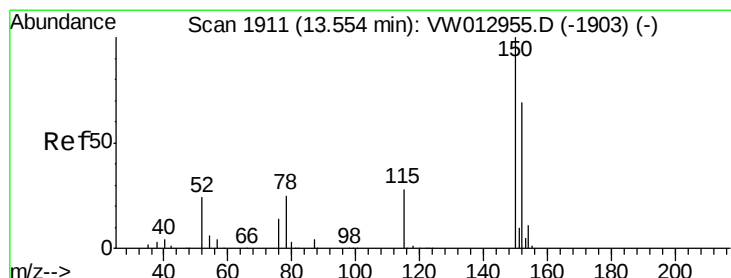
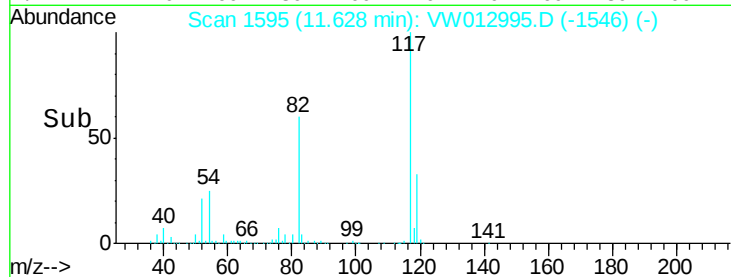
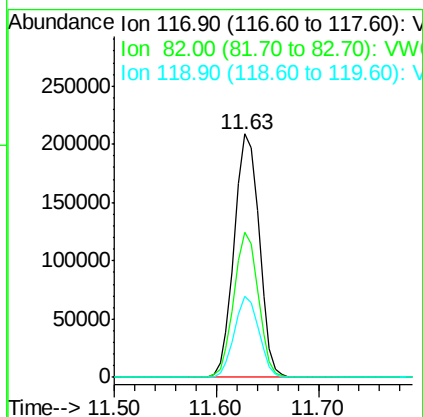
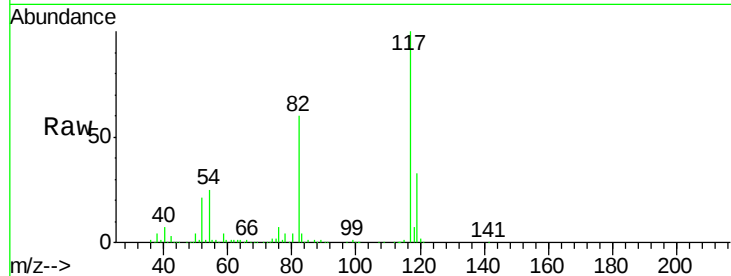




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012995.D
Acq: 14 Sep 2019 15:56

Instrument :
MSVOA_W
ClientSampled :
GIS-1(2)

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.5	46.3	69.5
119	33.4	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: VW012995.D
Acq: 14 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.8	86.4
150	158.3	0.0	340.2

