

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW012997.D
 Acq On : 14 Sep 2019 16:47
 Operator : SY/VA
 Sample : K4852-05
 Misc : 7.07G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GIS-2(5)

Quant Time: Sep 16 07:33:01 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	280183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	427813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	368839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169657	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	153054	59.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.30%	
35) Dibromofluoromethane	7.88	113	124614	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
50) Toluene-d8	10.32	98	514948	56.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.38%	
62) 4-Bromofluorobenzene	12.62	95	172192	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	

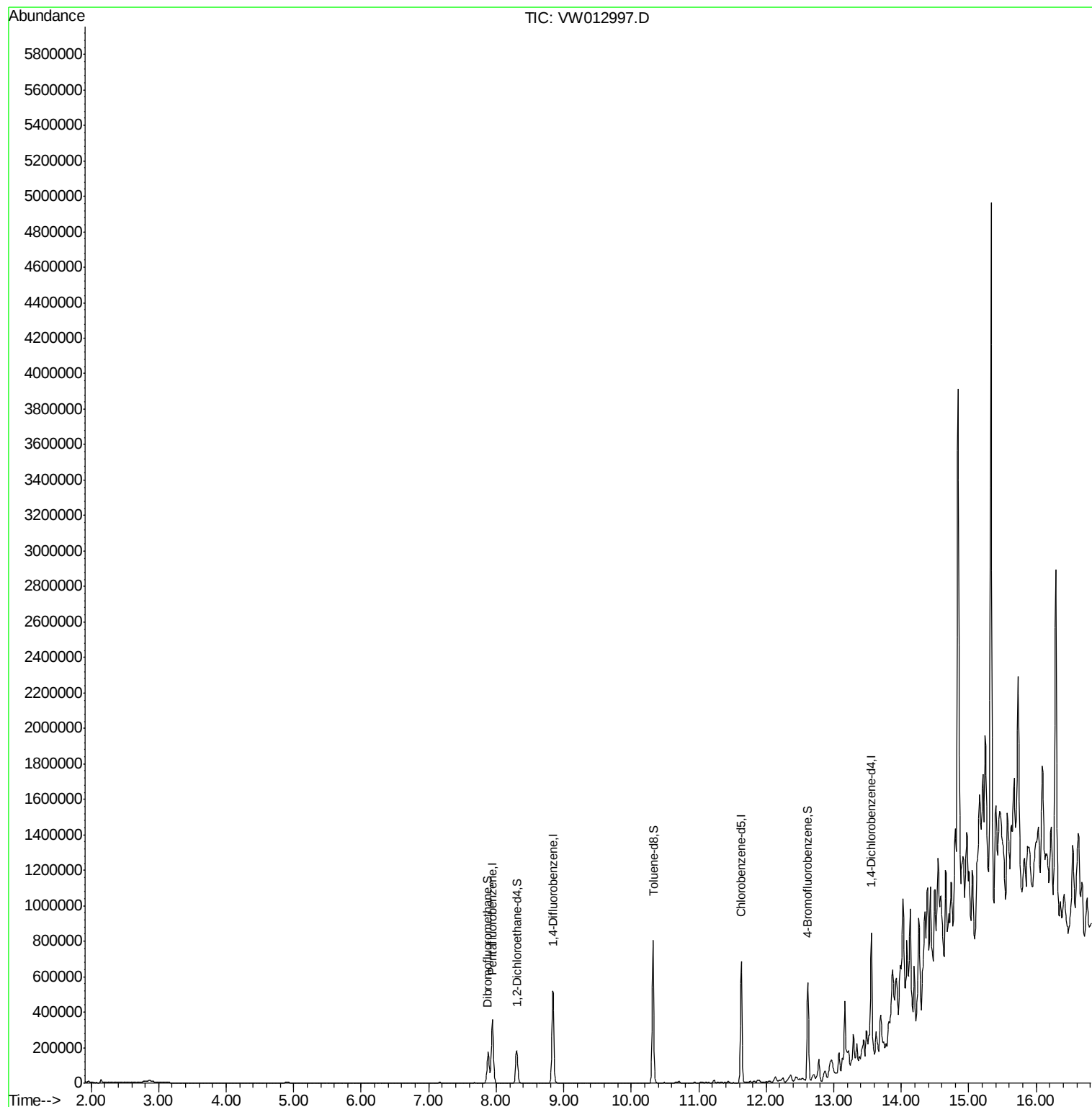
Target Compounds	Qvalue
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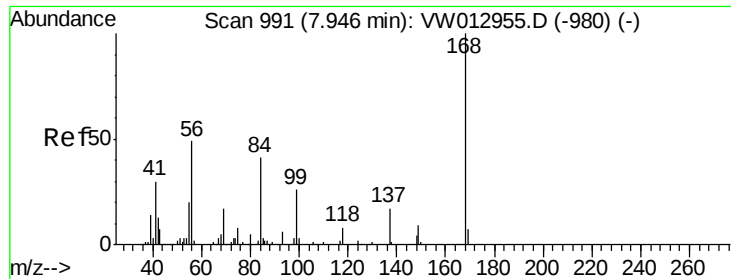
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW012997.D

Acq: 14 Sep 2019 16:47

Instrument :

MSVOA_W

ClientSampleId :

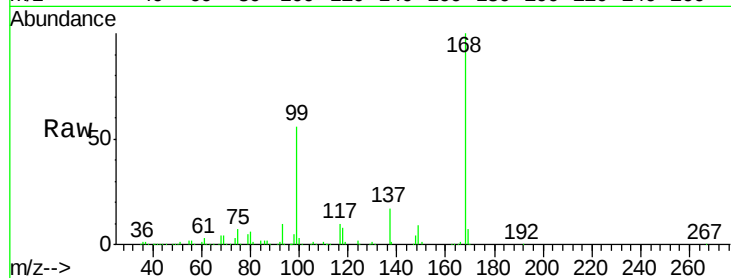
GIS-2(5)

Tot Ion:168 Resp: 280183

Ion Ratio Lower Upper

168 100

99 56.4 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

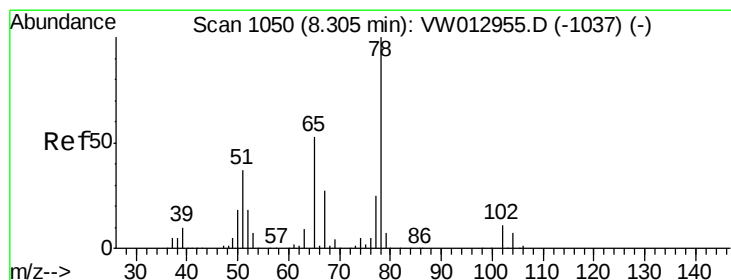
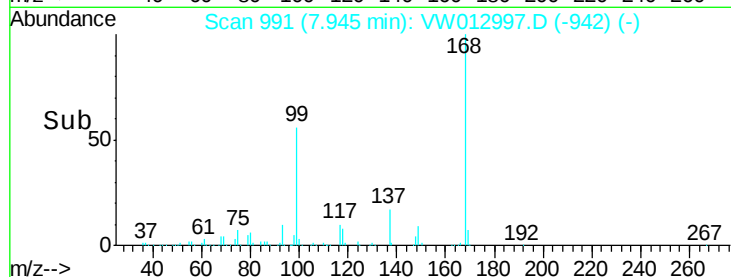
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 59.147 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012997.D

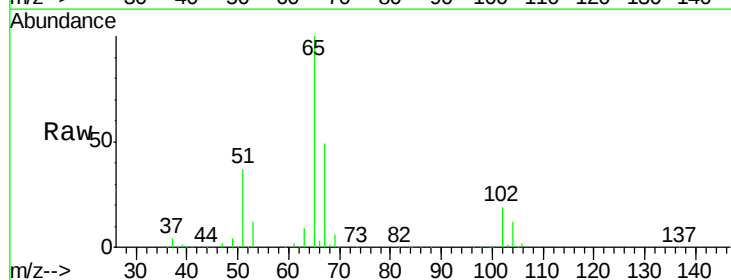
Acq: 14 Sep 2019 16:47

Tgt Ion: 65 Resp: 153054

Ion Ratio Lower Upper

65 100

67 49.3 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

80000

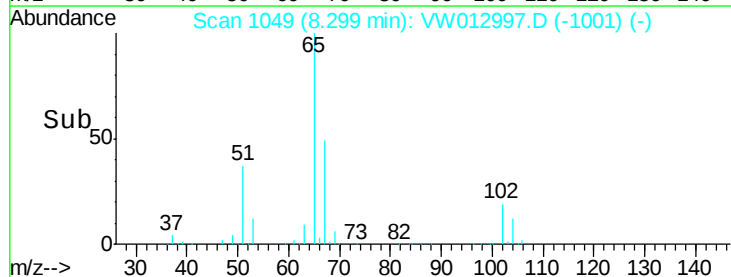
60000

40000

20000

0

Time--> 8.20 8.30 8.40

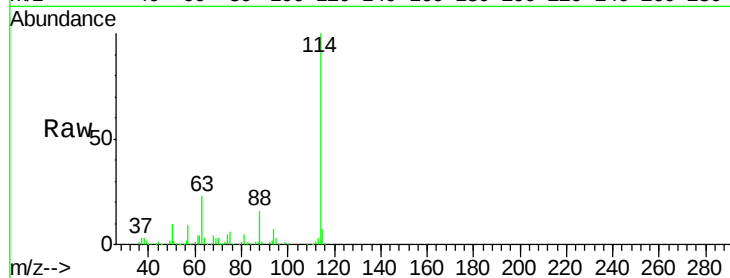




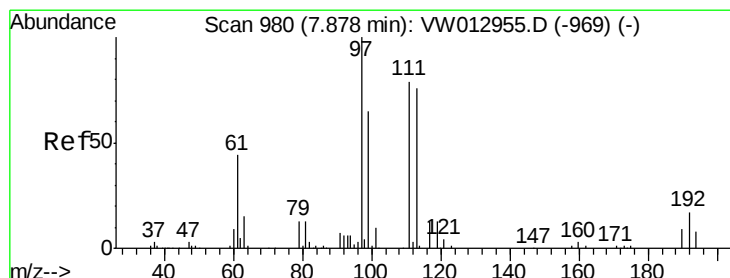
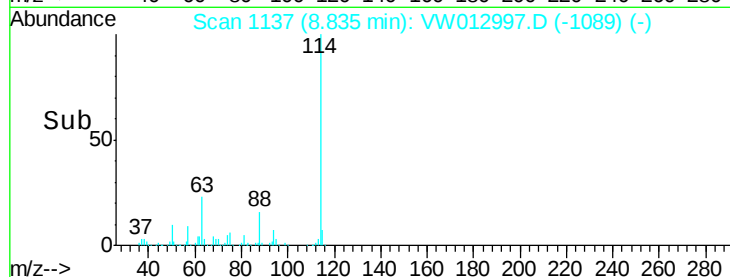
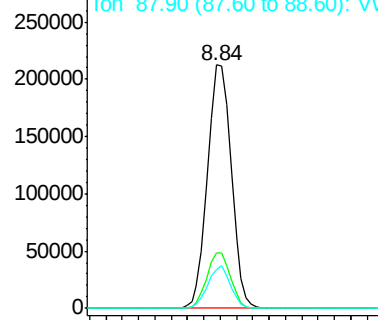
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1137
Delta R.T. -0.01 min
Lab File: VW012997.D
Acq: 14 Sep 2019 16:47

Instrument :
MSVOA_W
ClientSampled :
GIS-2(5)

Tot Ion:114 Resp: 427813
Ion Ratio Lower Upper
114 100
63 22.6 0.0 43.4
88 16.2 0.0 31.6

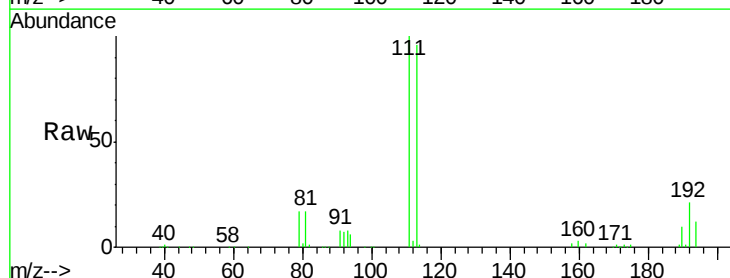


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

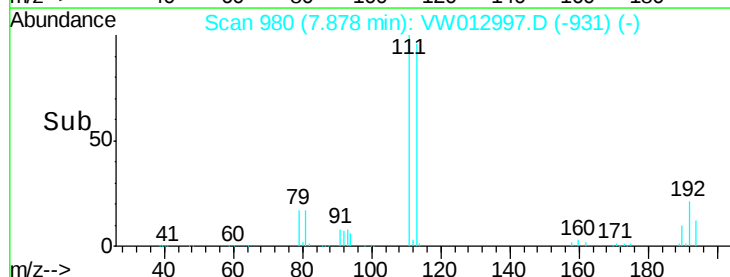
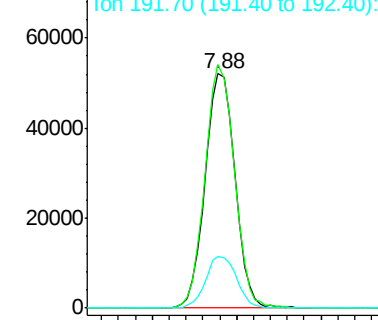


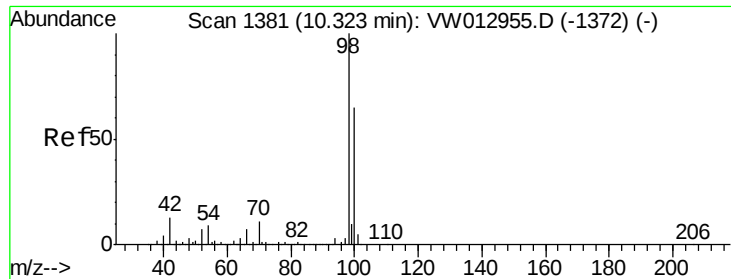
#35
Dibromofluoromethane
Concen: 53.681 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW012997.D
Acq: 14 Sep 2019 16:47

Tgt Ion:113 Resp: 124614
Ion Ratio Lower Upper
113 100
111 102.3 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: 56.689 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012997.D

Acq: 14 Sep 2019 16:47

Instrument :

MSVOA_W

ClientSampleId :

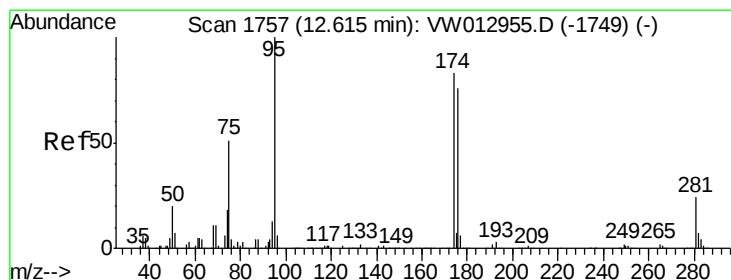
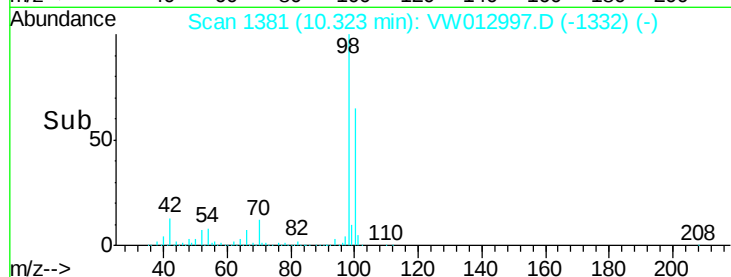
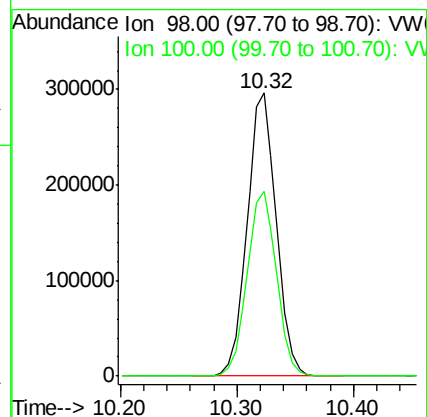
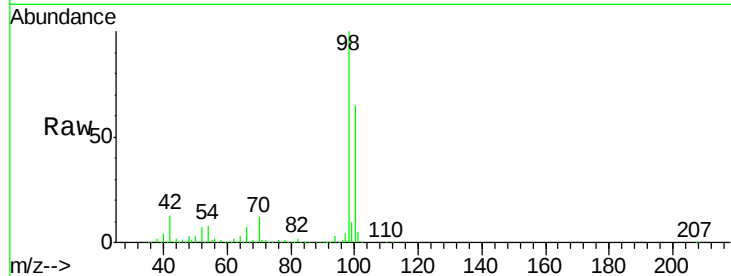
GIS-2(5)

Tot Ion: 98 Resp: 514948

Ion Ratio Lower Upper

98 100

100 65.6 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 52.717 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012997.D

Acq: 14 Sep 2019 16:47

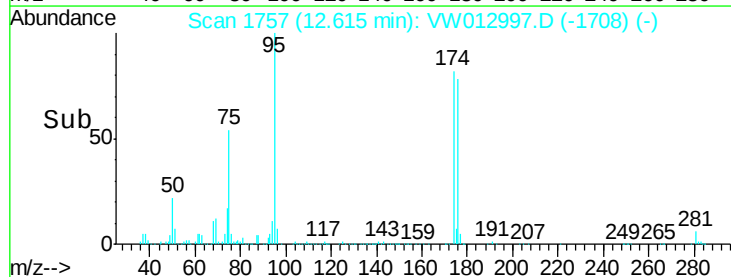
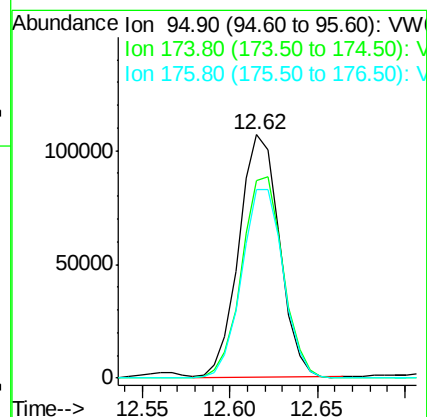
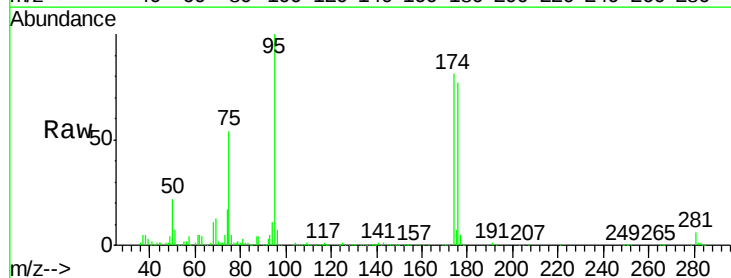
Tgt Ion: 95 Resp: 172192

Ion Ratio Lower Upper

95 100

174 84.5 0.0 170.4

176 80.0 0.0 164.6

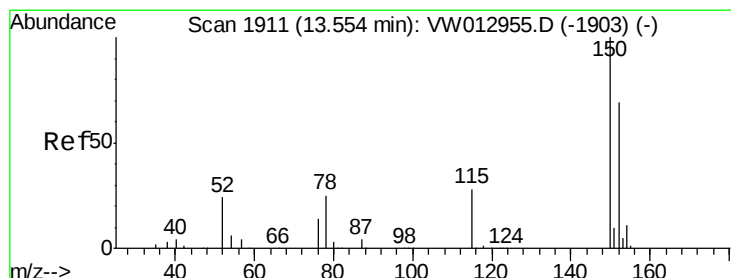
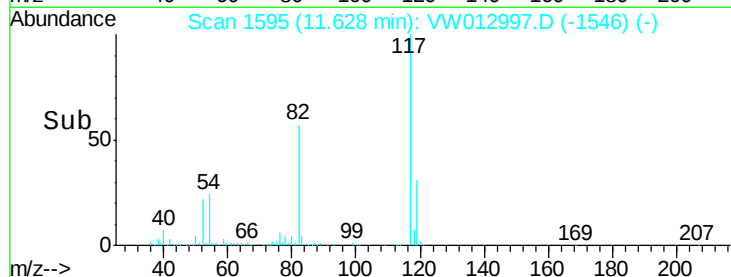
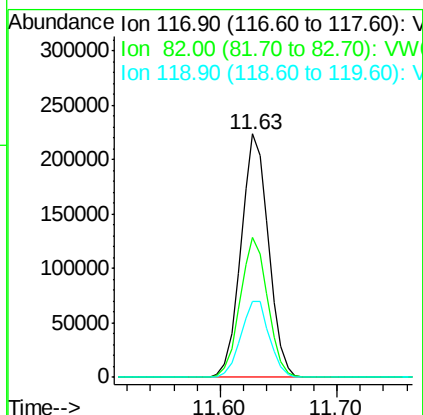
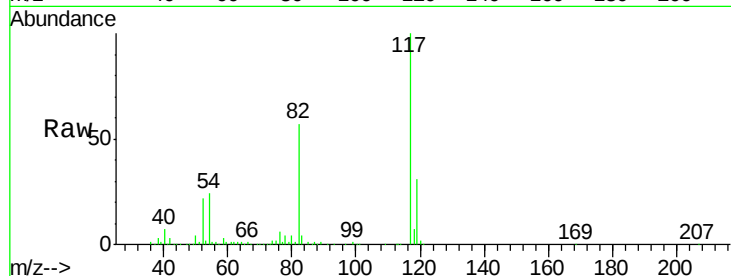




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012997.D
Acq: 14 Sep 2019 16:47

Instrument :
MSVOA_W
ClientSampleId :
GIS-2(5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.3	69.5
119	31.2	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: VW012997.D
Acq: 14 Sep 2019 16:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.8	86.4
150	150.9	0.0	340.2

