

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW012998.D
 Acq On : 14 Sep 2019 17:13
 Operator : SY/VA
 Sample : K4852-11
 Misc : 4.91G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GIS-4(4)

Quant Time: Sep 16 07:34:20 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	7.94	168	289195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	448477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	375547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	176107	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	157052	58.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.60%	
35) Dibromofluoromethane	7.88	113	129760	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
50) Toluene-d8	10.32	98	527092	55.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.70%	
62) 4-Bromofluorobenzene	12.62	95	222695	65.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.08%	

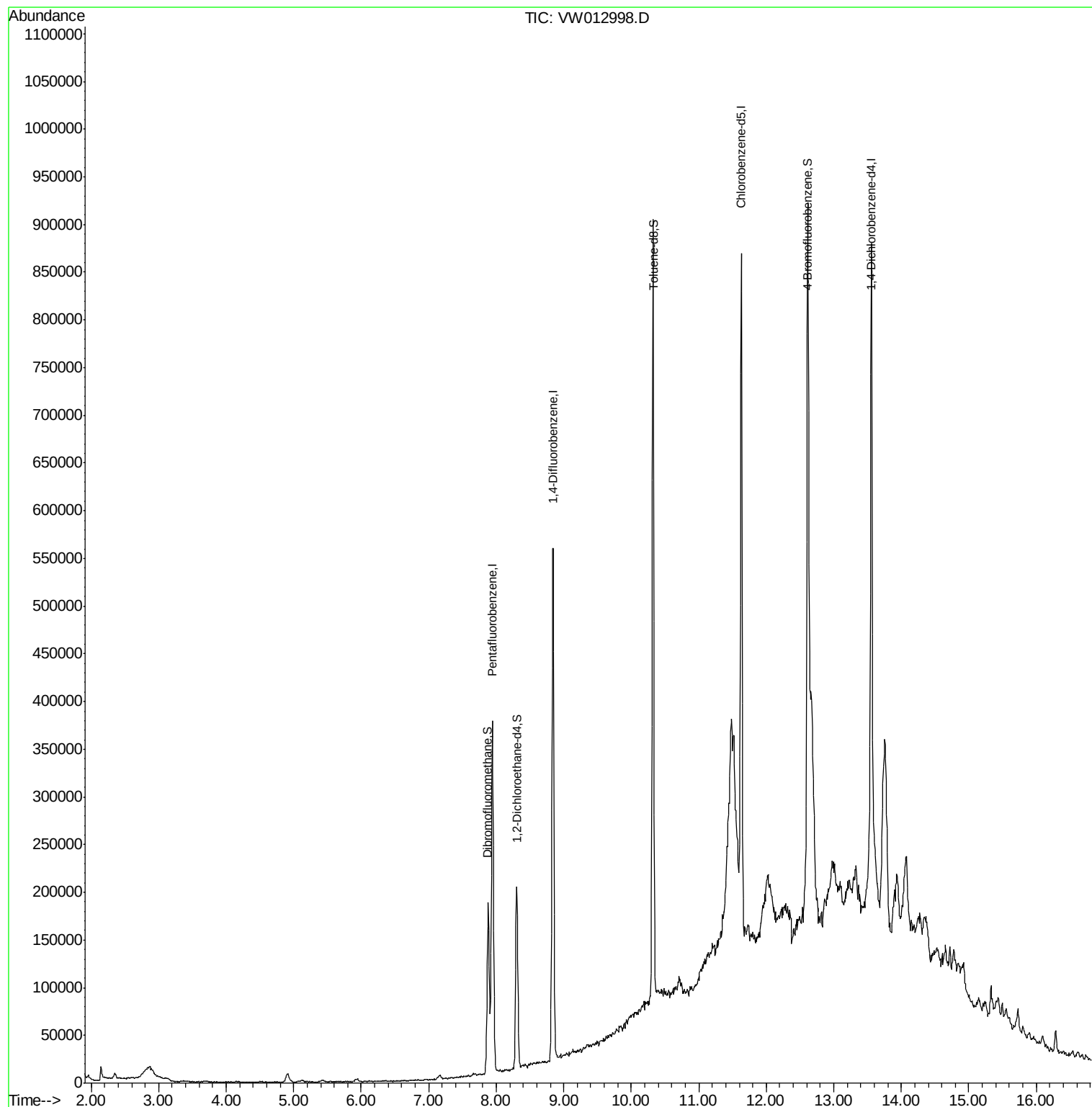
Target Compounds	Qvalue

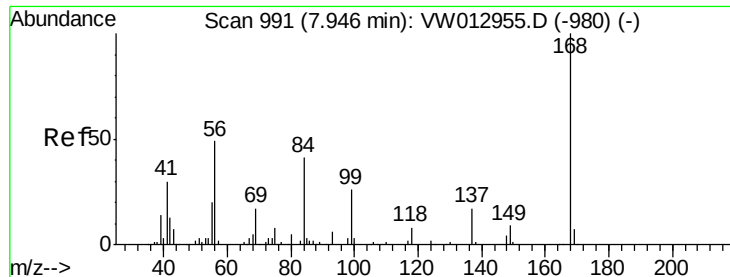
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW012998.D

Acq: 14 Sep 2019 17:13

Instrument :

MSVOA_W

ClientSampleId :

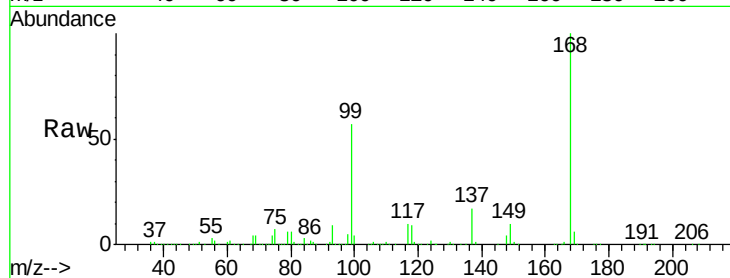
GIS-4(4)

Tot Ion:168 Resp: 289195

Ion Ratio Lower Upper

168 100

99 56.7 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

150000

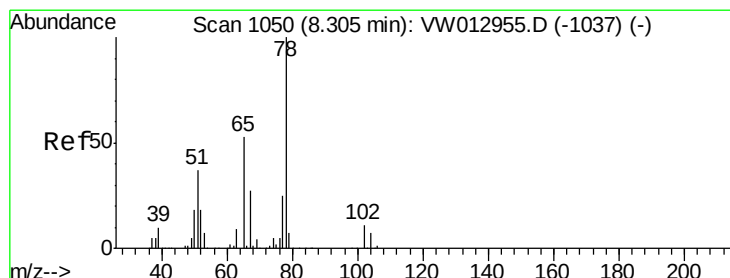
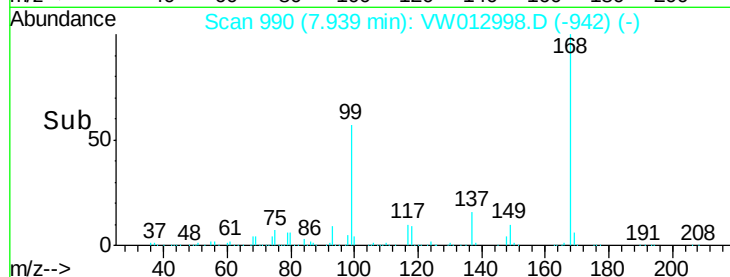
100000

50000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.801 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012998.D

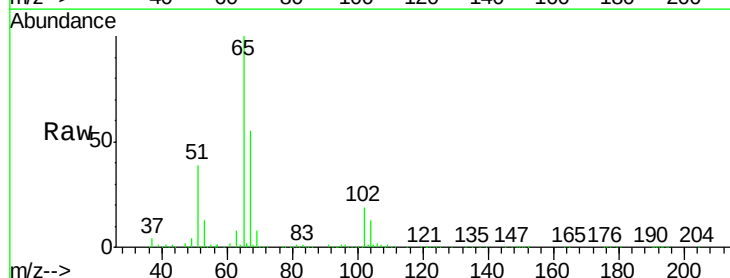
Acq: 14 Sep 2019 17:13

Tgt Ion: 65 Resp: 157052

Ion Ratio Lower Upper

65 100

67 51.9 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

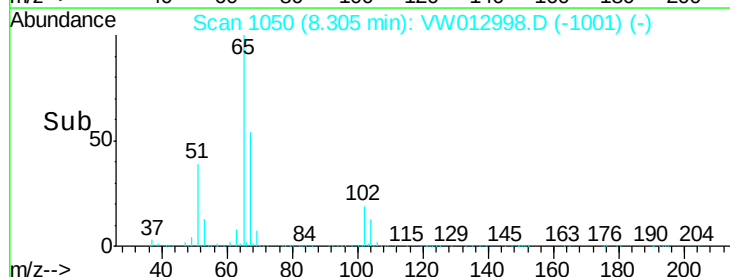
40000

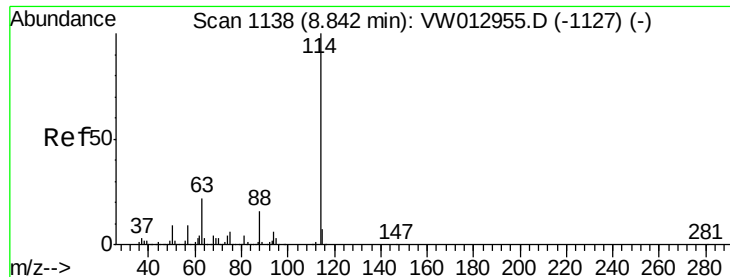
20000

0

8.20 8.30 8.40

Time-->

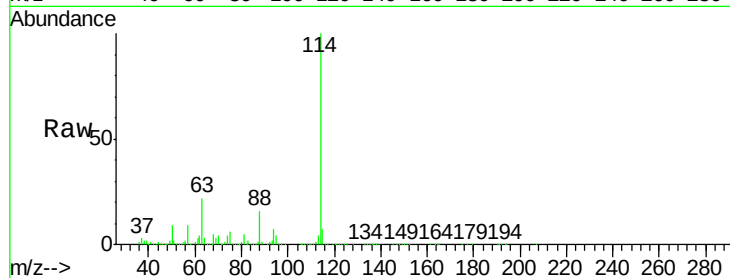




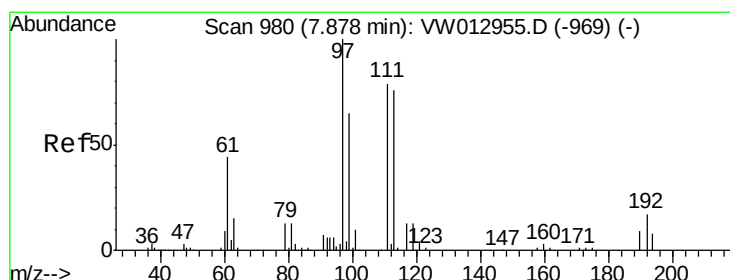
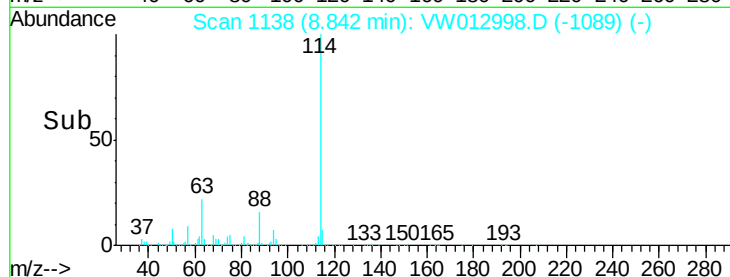
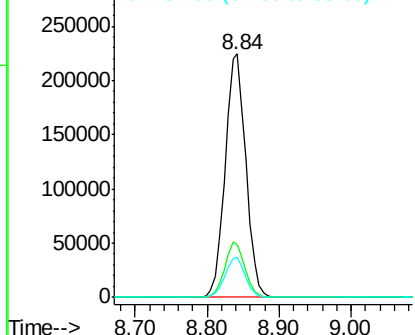
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012998.D
Acq: 14 Sep 2019 17:13

Instrument :
MSVOA_W
ClientSampleId :
GIS-4(4)

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.4
88	16.2	0.0	31.6

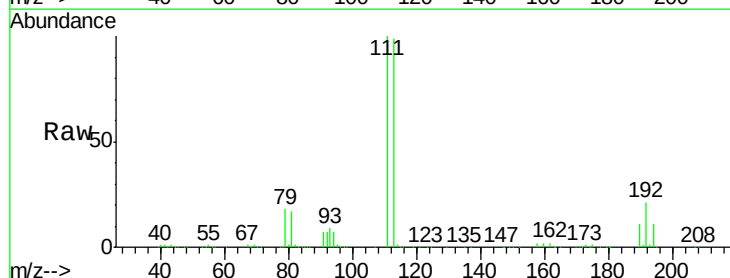


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VV
Ion 87.90 (87.60 to 88.60): VV

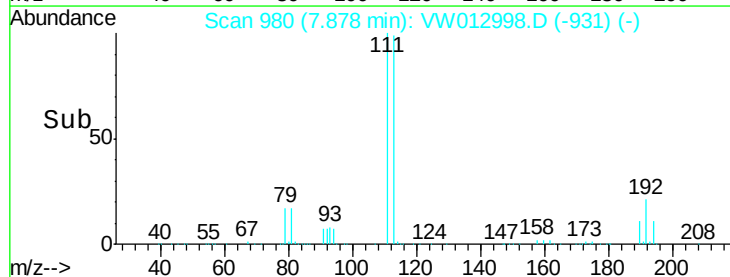
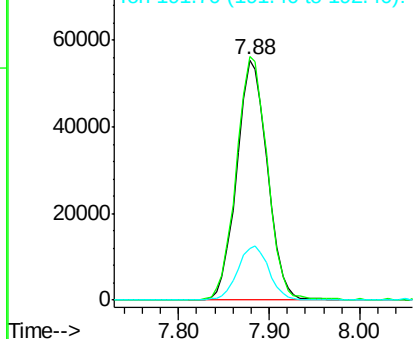


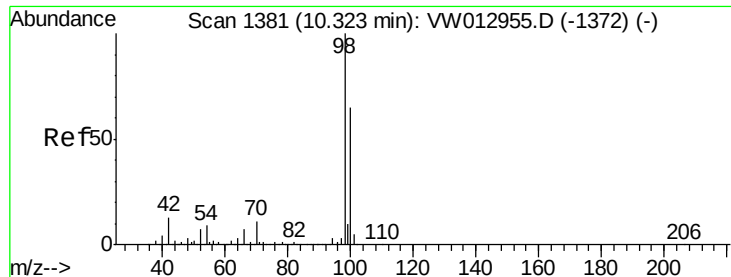
#35
Dibromofluoromethane
Concen: 53.323 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW012998.D
Acq: 14 Sep 2019 17:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	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: 55.352 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012998.D

Acq: 14 Sep 2019 17:13

Instrument :

MSVOA_W

ClientSampleId :

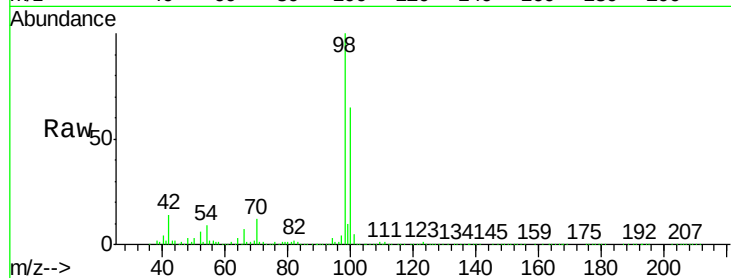
GIS-4(4)

Tot Ion: 98 Resp: 527092

Ion Ratio Lower Upper

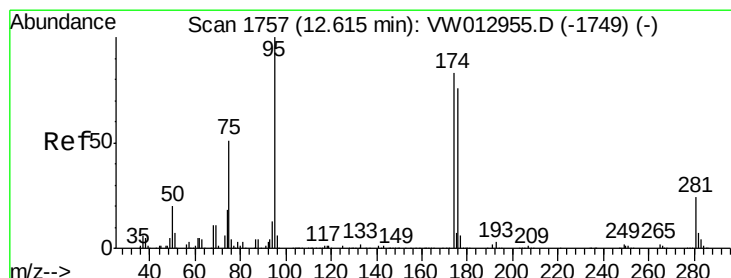
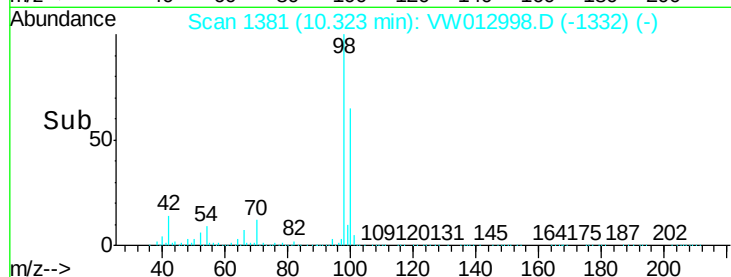
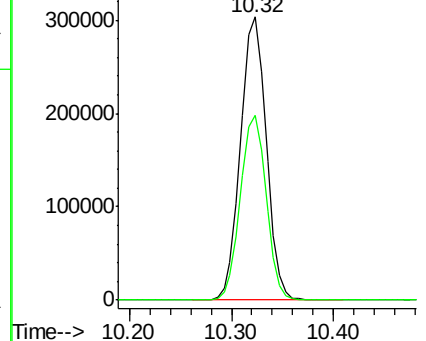
98 100

100 65.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 65.038 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012998.D

Acq: 14 Sep 2019 17:13

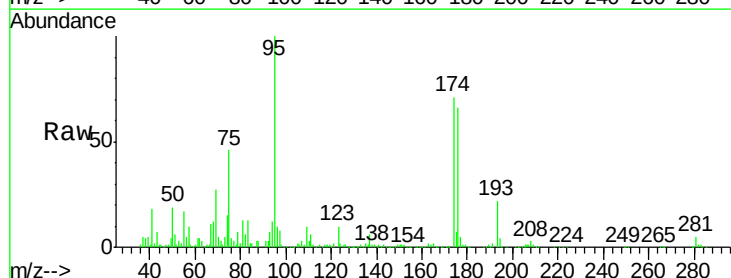
Tgt Ion: 95 Resp: 222695

Ion Ratio Lower Upper

95 100

174 65.2 0.0 170.4

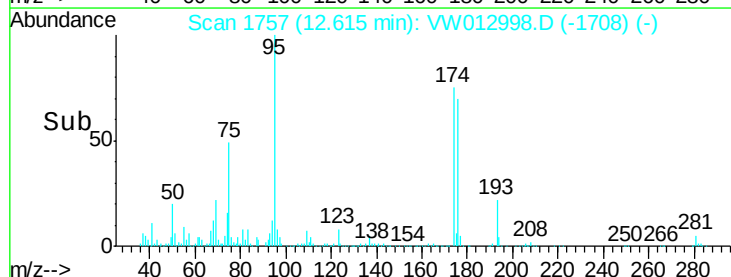
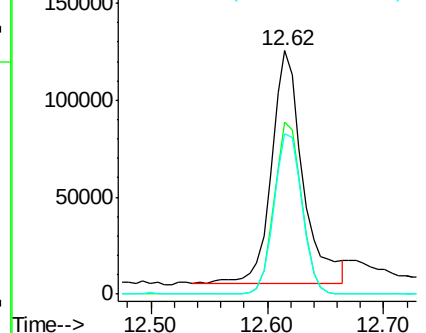
176 61.8 0.0 164.6

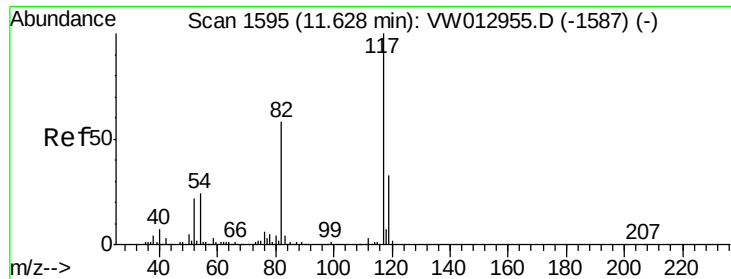


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

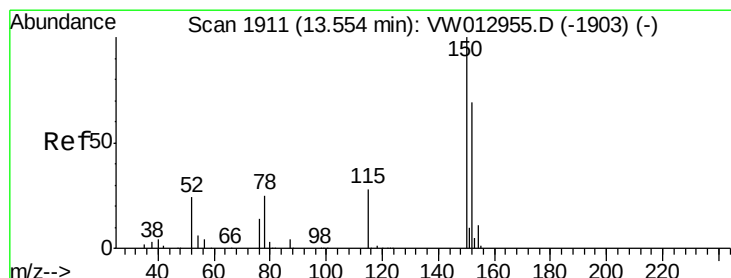
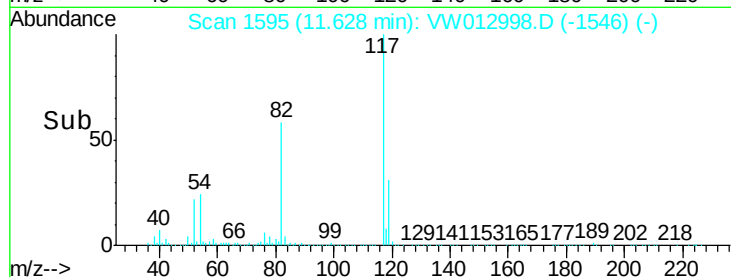
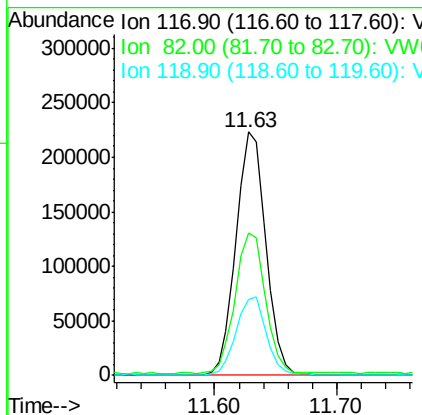
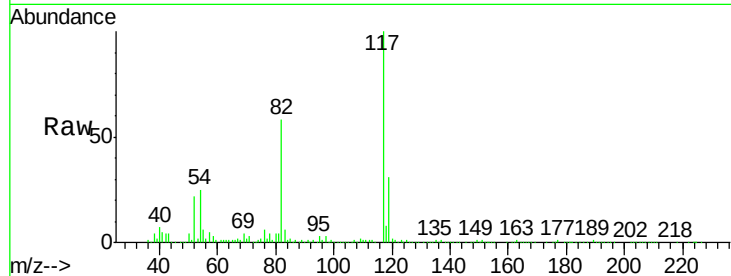




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012998.D
Acq: 14 Sep 2019 17:13

Instrument :
MSVOA_W
ClientSampleId :
GIS-4(4)

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	46.3	69.5
119	31.0	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: VW012998.D
Acq: 14 Sep 2019 17:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	28.8	86.4
150	148.0	0.0	340.2

