

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
 Data File : VW013134.D
 Acq On : 19 Sep 2019 01:57
 Operator : SY/VA
 Sample : K4924-03
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-52-4.5-5.0

Quant Time: Sep 19 09:33:42 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	353027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	523914	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	421717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	182314	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	142889	43.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.64%	
35) Dibromofluoromethane	7.88	113	145322	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.32	98	597589	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
62) 4-Bromofluorobenzene	12.62	95	181942	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	

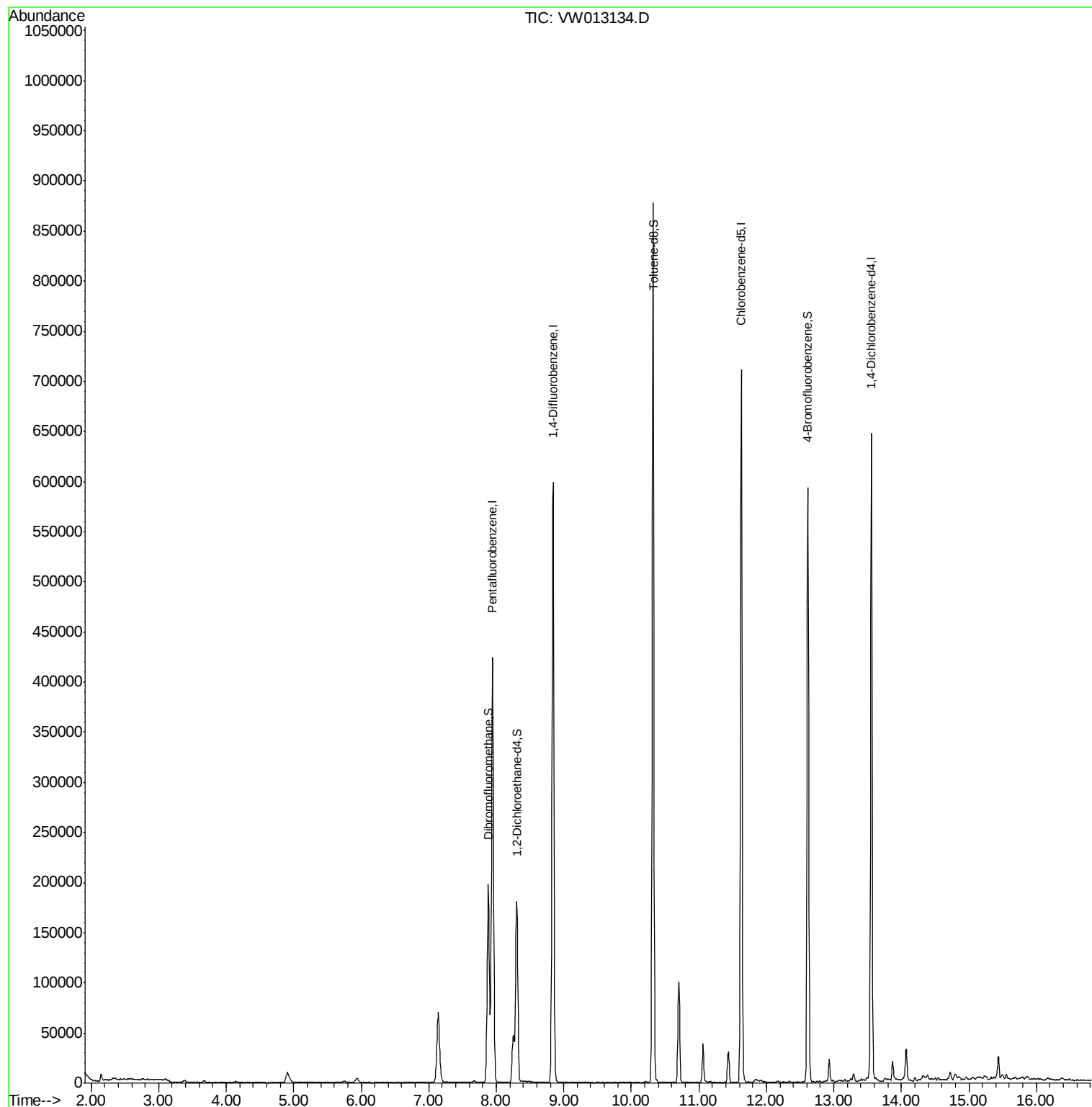
Target Compounds	Qvalue

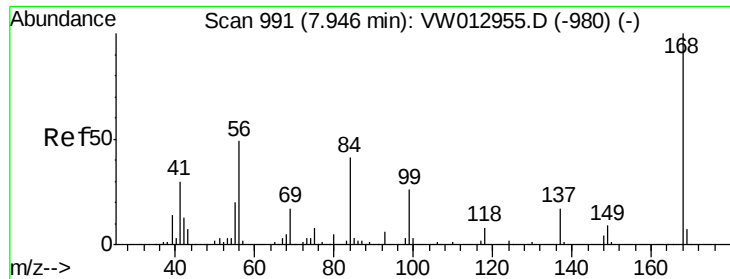
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

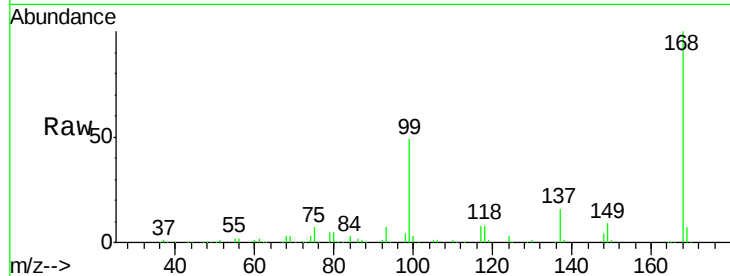
SB-52-4.5-5.0

Tot Ion:168 Resp: 353027

Ion Ratio Lower Upper

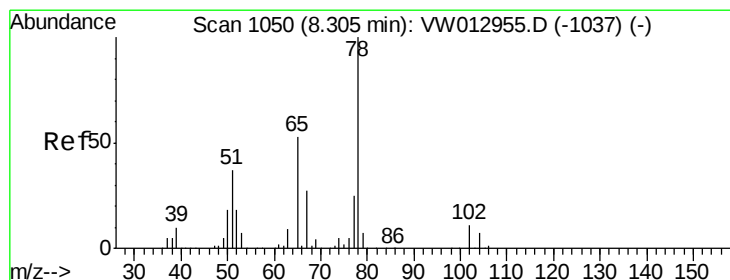
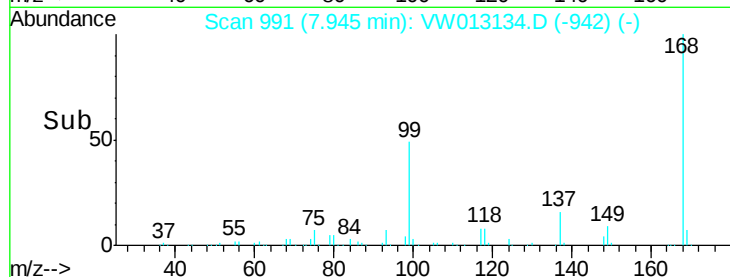
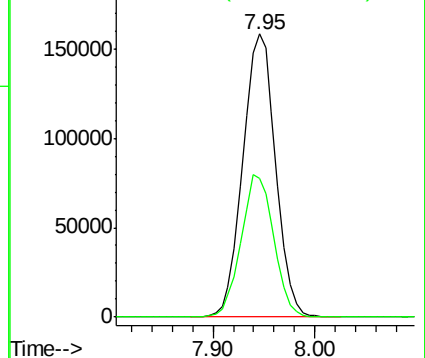
168 100

99 49.2 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 43.825 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013134.D

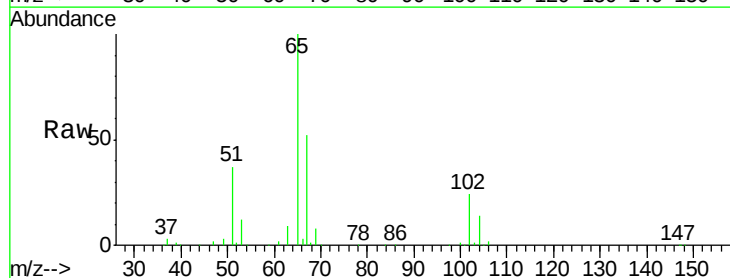
Acq: 19 Sep 2019 01:57

Tgt Ion: 65 Resp: 142889

Ion Ratio Lower Upper

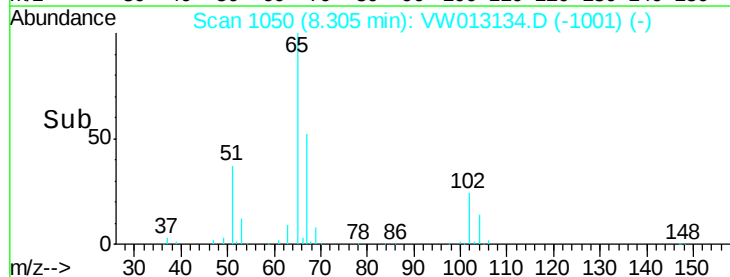
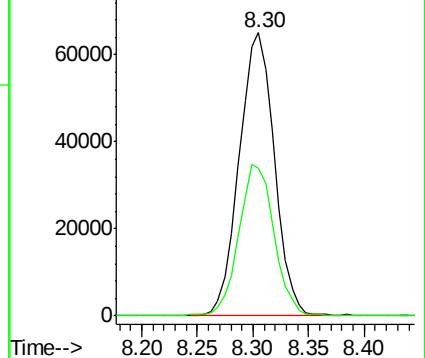
65 100

67 54.0 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013134.D

Acq: 19 Sep 2019 01:57

Instrument :

MSVOA_W

ClientSampleId :

SB-52-4.5-5.0

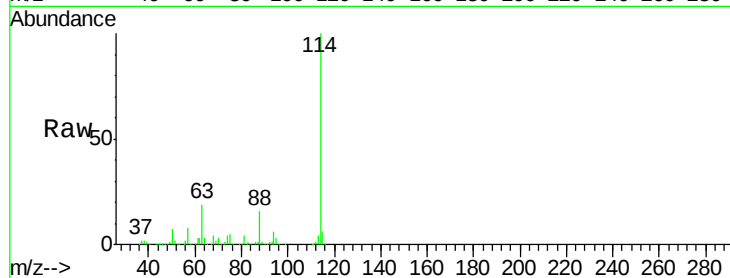
Tot Ion:114 Resp: 523914

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.4

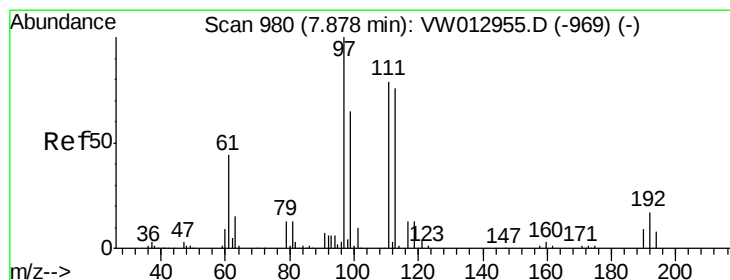
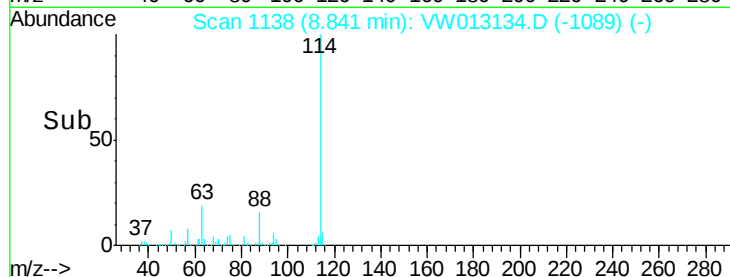
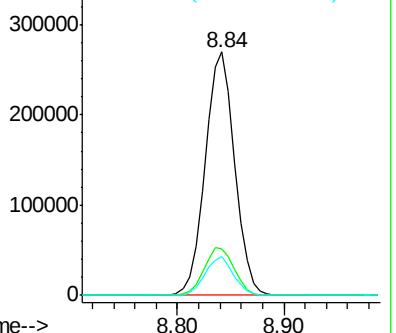
88 15.7 0.0 31.6



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: 51.119 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013134.D

Acq: 19 Sep 2019 01:57

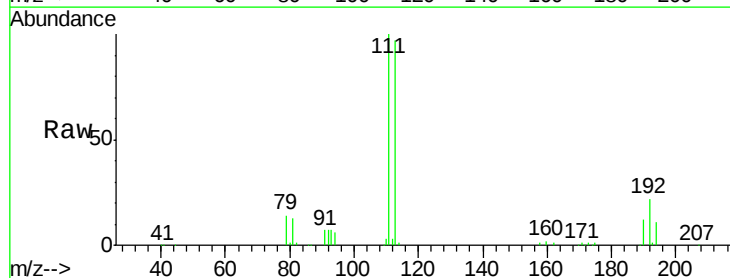
Tgt Ion:113 Resp: 145322

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

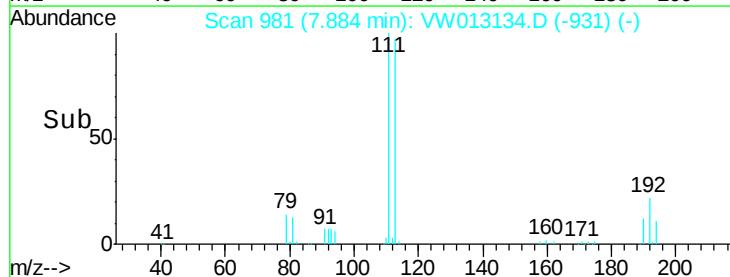
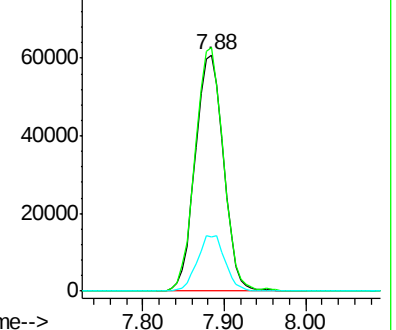
192 23.0 17.8 26.8

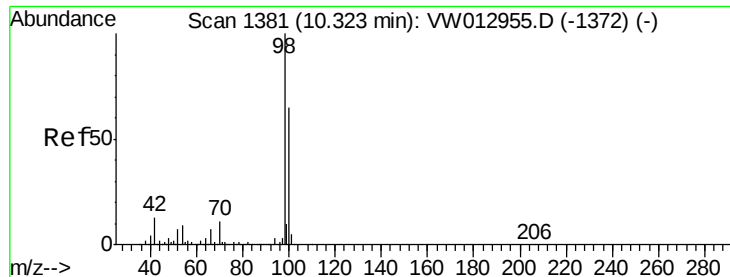


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.719 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013134.D

Acq: 19 Sep 2019 01:57

Instrument :

MSVOA_W

ClientSampleId :

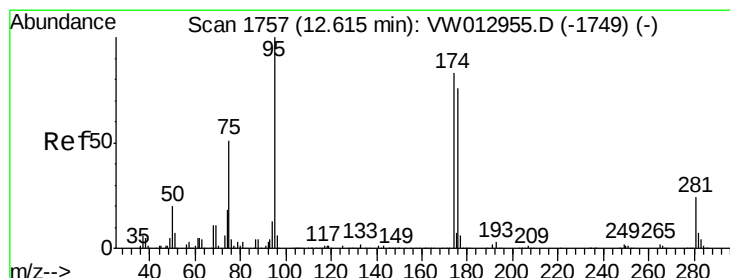
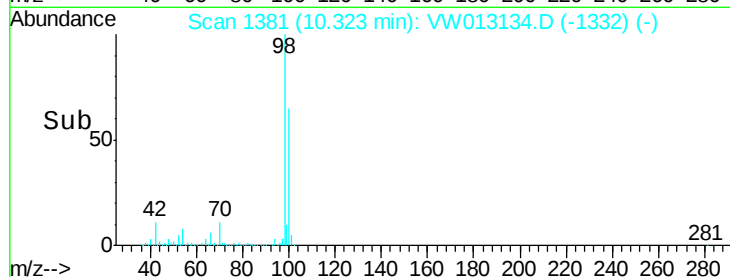
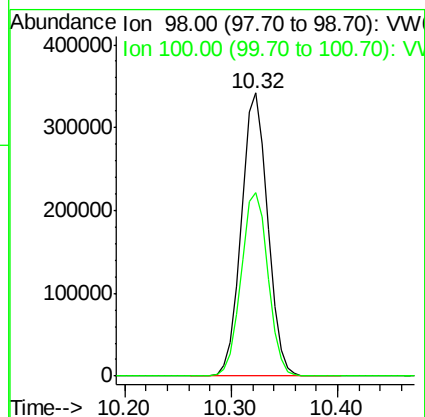
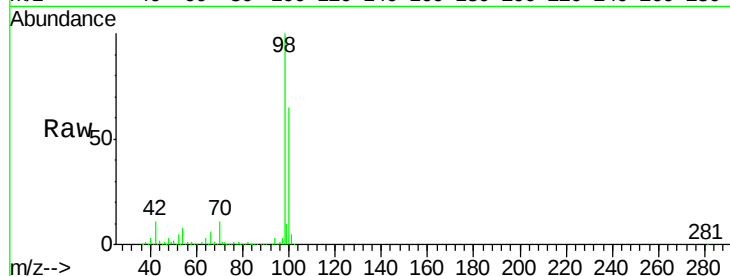
SB-52-4.5-5.0

Tot Ion: 98 Resp: 597589

Ion Ratio Lower Upper

98 100

100 66.1 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 45.485 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013134.D

Acq: 19 Sep 2019 01:57

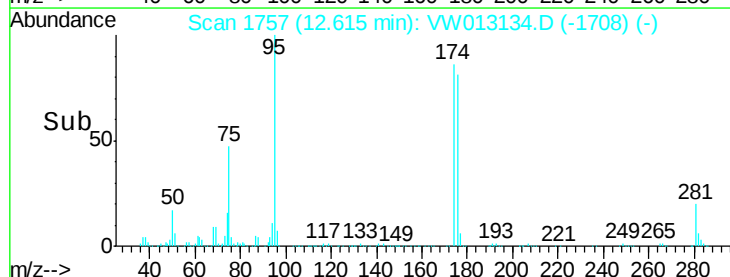
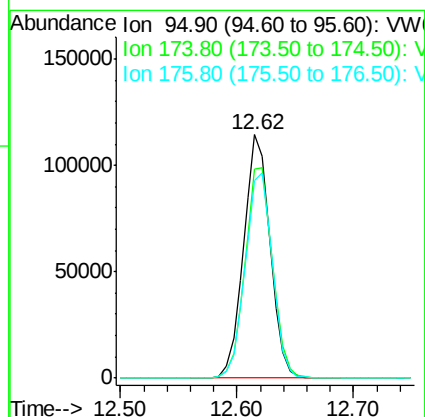
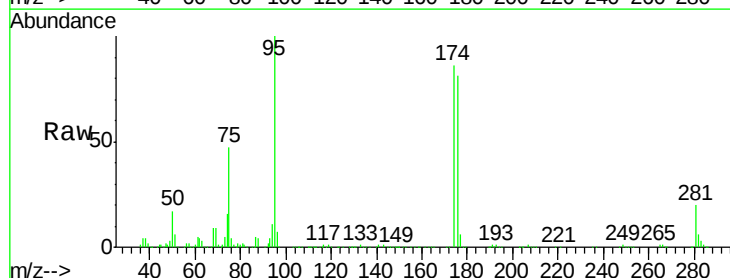
Tgt Ion: 95 Resp: 181942

Ion Ratio Lower Upper

95 100

174 89.8 0.0 170.4

176 86.4 0.0 164.6

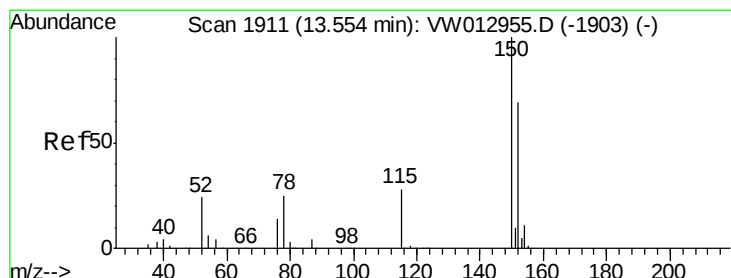
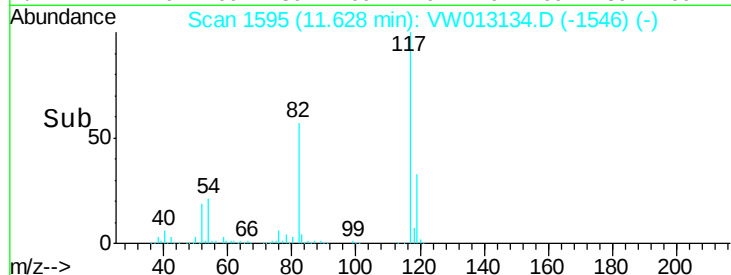
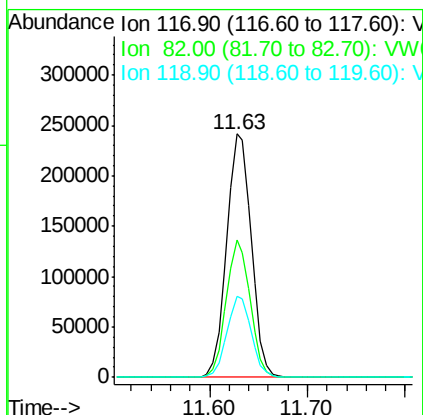
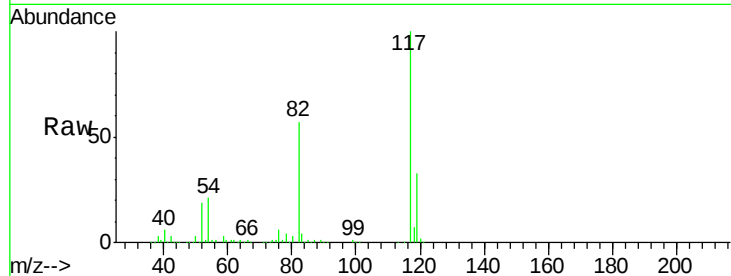




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013134.D
Acq: 19 Sep 2019 01:57

Instrument :
MSVOA_W
ClientSampleId :
SB-52-4.5-5.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	46.3	69.5
119	33.1	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: VW013134.D
Acq: 19 Sep 2019 01:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.8	86.4
150	156.9	0.0	340.2

