

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091719\
 Data File : VW013101.D
 Acq On : 17 Sep 2019 19:56
 Operator : SY/VA
 Sample : K4847-09
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-36-10.5-11.0

Quant Time: Sep 18 07:08:06 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	299703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	453895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	375208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	166416	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147919	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
35) Dibromofluoromethane	7.88	113	131374	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	
50) Toluene-d8	10.32	98	531029	55.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.20%	
62) 4-Bromofluorobenzene	12.62	95	168787	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	

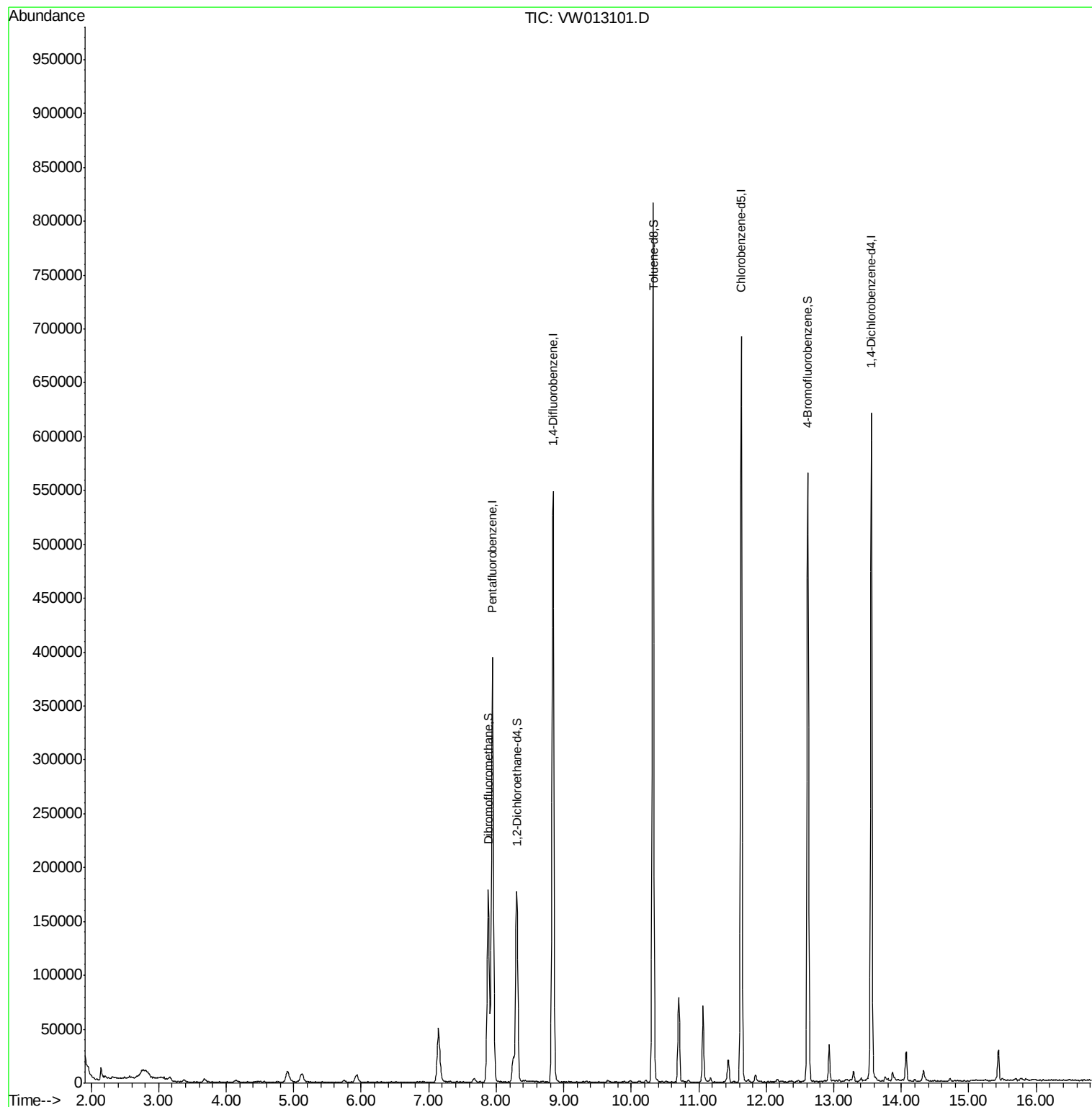
Target Compounds	Qvalue
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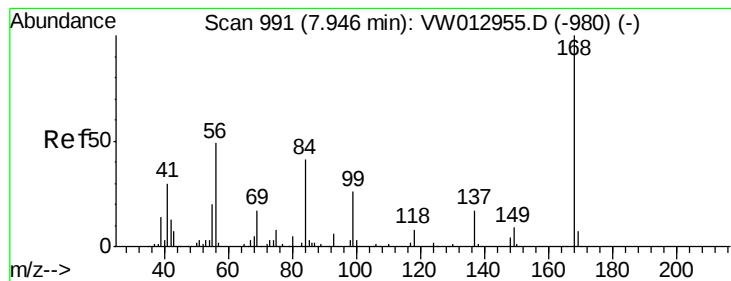
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013101.D

Acq: 17 Sep 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

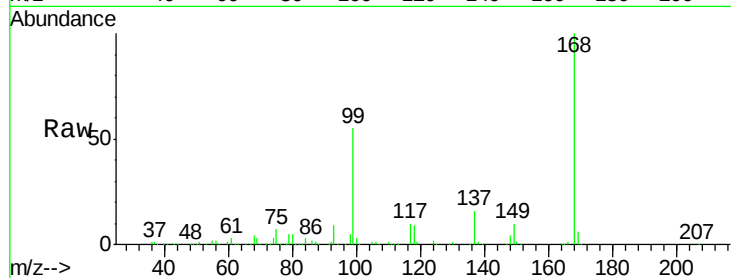
SB-36-10.5-11.0

Tot Ion:168 Resp: 299703

Ion Ratio Lower Upper

168 100

99 55.2 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

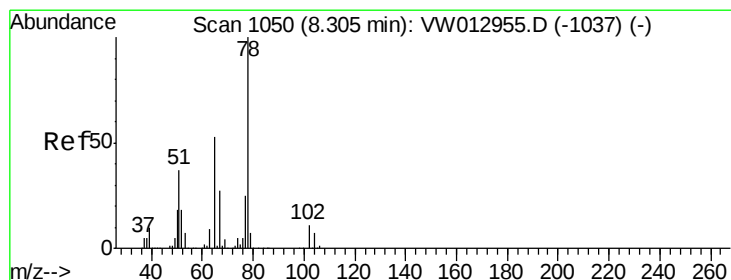
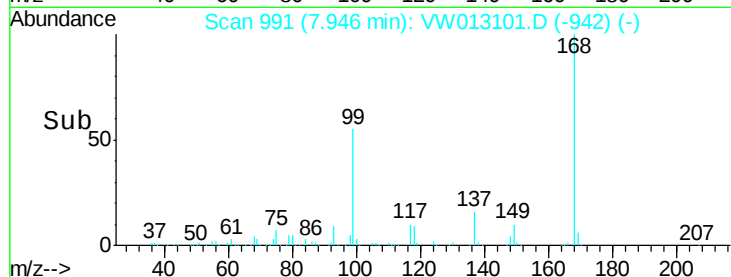
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.440 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013101.D

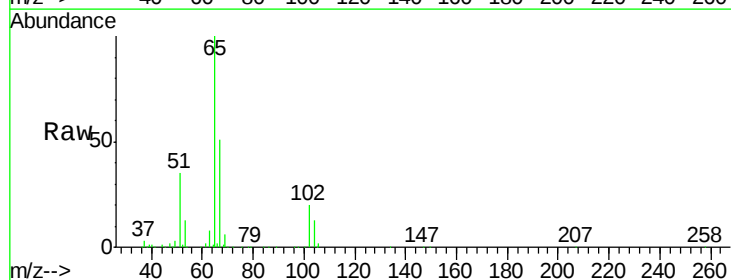
Acq: 17 Sep 2019 19:56

Tgt Ion: 65 Resp: 147919

Ion Ratio Lower Upper

65 100

67 51.1 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

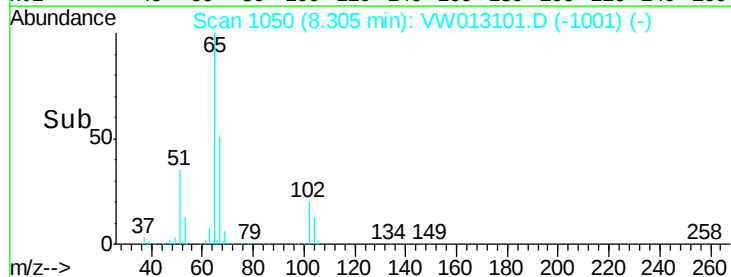
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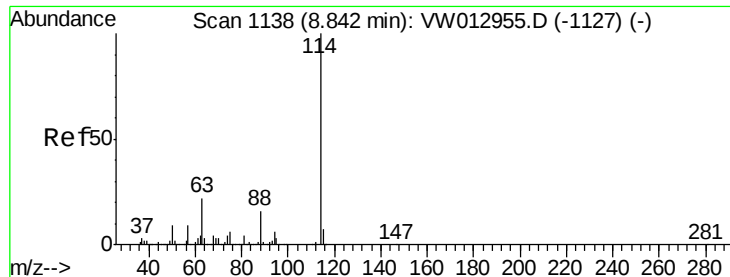
40000

20000

0

Time-->

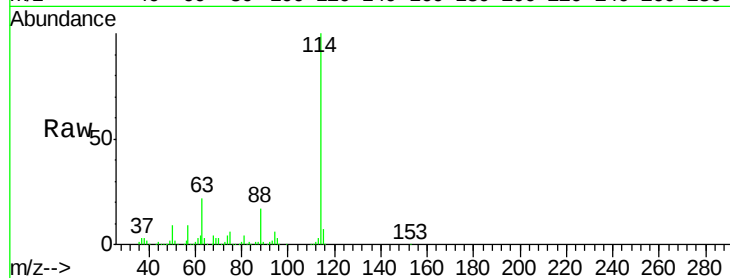




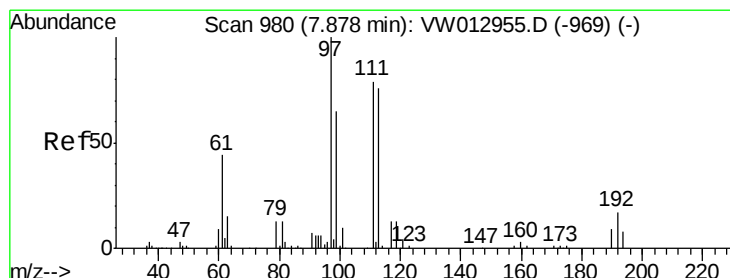
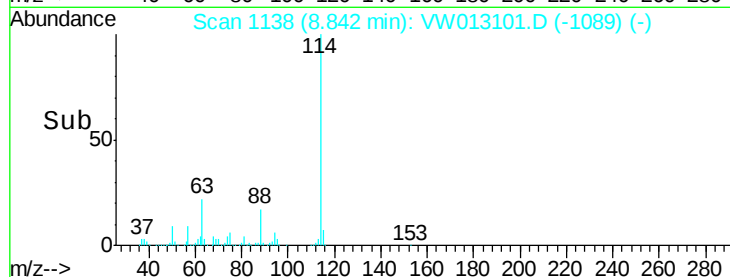
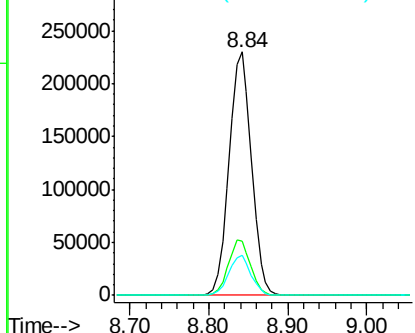
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013101.D
 Acq: 17 Sep 2019 19:56

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-36-10.5-11.0

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.4
88	16.6	0.0	31.6

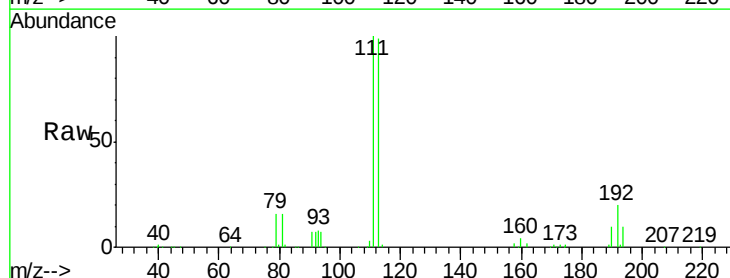


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

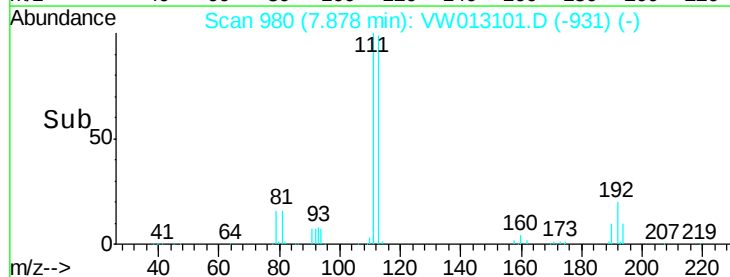
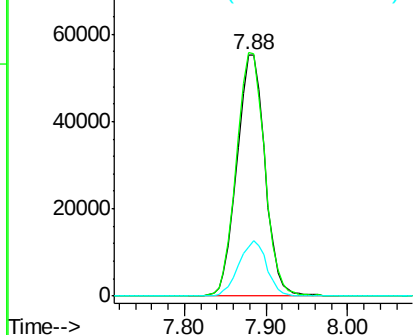


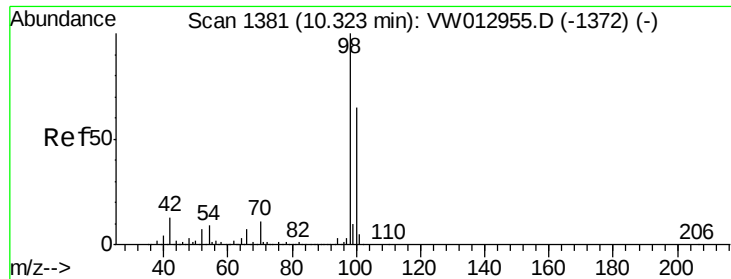
#35
 Dibromofluoromethane
 Concen: 53.341 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW013101.D
 Acq: 17 Sep 2019 19:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.8	124.2
192	22.8	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: 55.100 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013101.D

Acq: 17 Sep 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

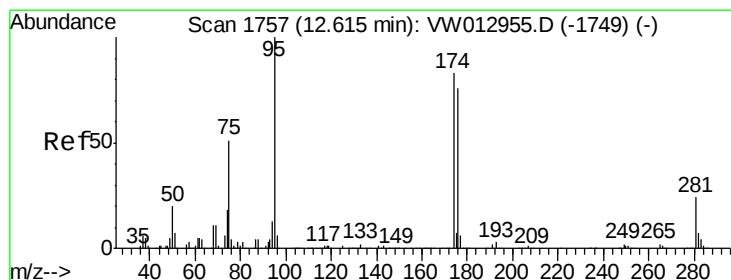
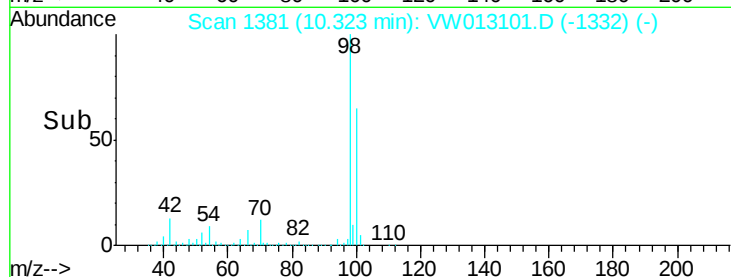
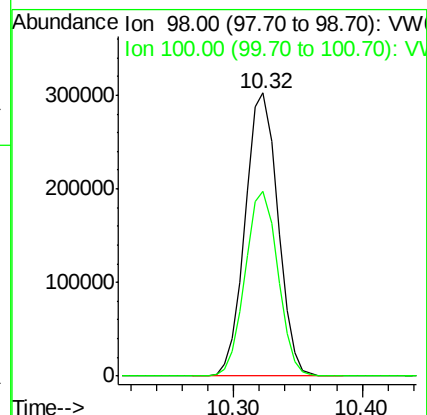
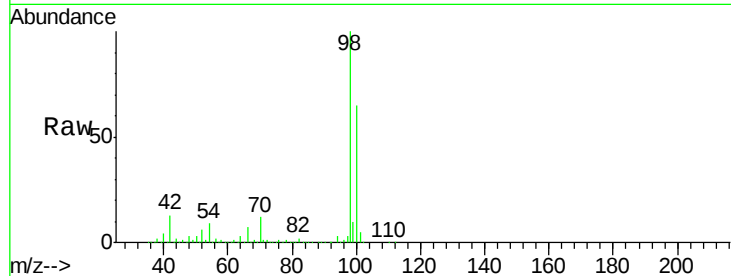
SB-36-10.5-11.0

Tot Ion: 98 Resp: 531029

Ion Ratio Lower Upper

98 100

100 65.4 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 48.706 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013101.D

Acq: 17 Sep 2019 19:56

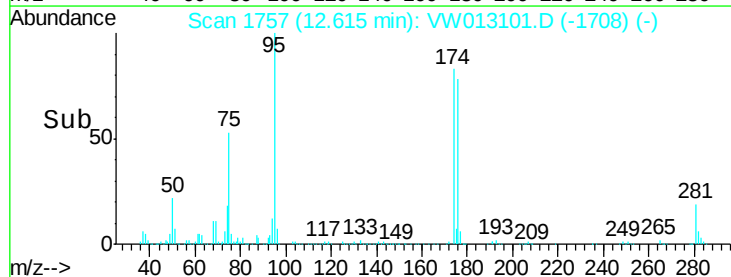
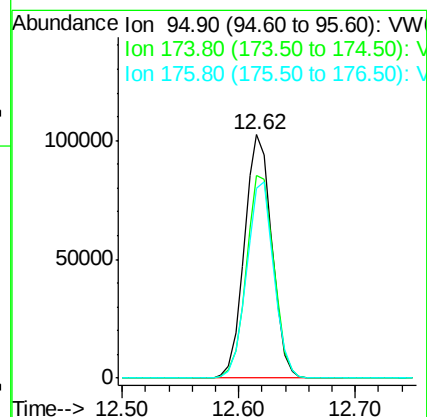
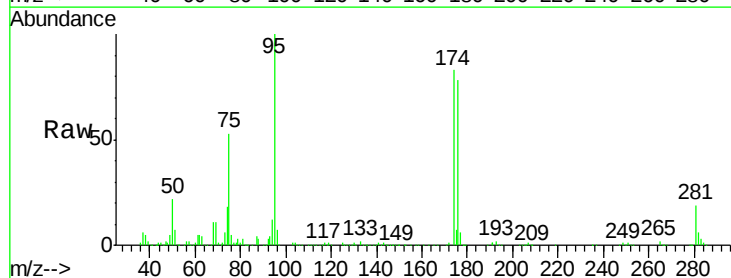
Tgt Ion: 95 Resp: 168787

Ion Ratio Lower Upper

95 100

174 83.8 0.0 170.4

176 79.6 0.0 164.6

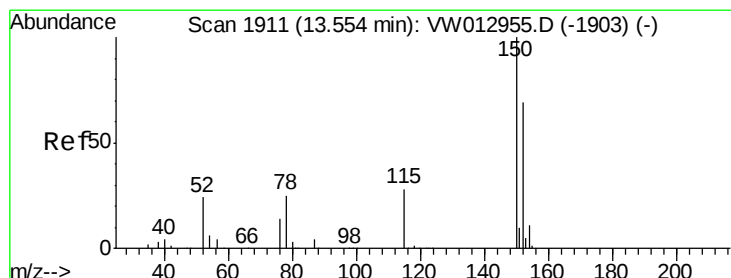
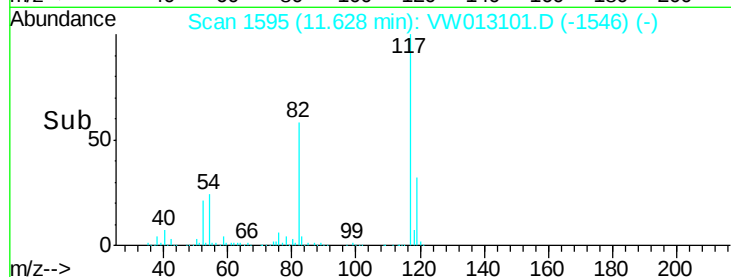
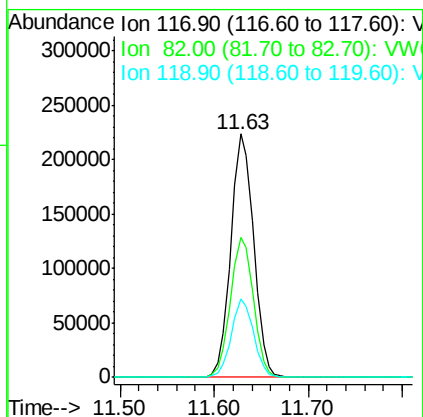
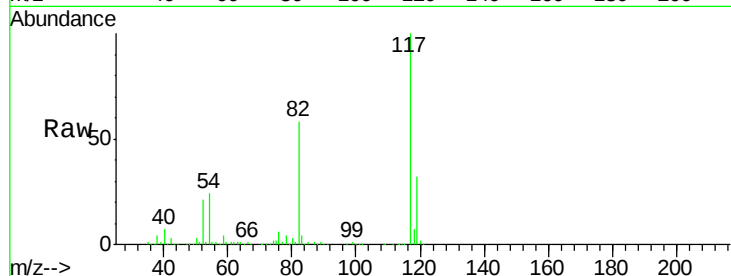




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013101.D
Acq: 17 Sep 2019 19:56

Instrument :
MSVOA_W
ClientSampleId :
SB-36-10.5-11.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.3	69.5
119	32.5	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: VW013101.D
Acq: 17 Sep 2019 19:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.8	86.4
150	154.9	0.0	340.2

