

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013257.D
 Acq On : 24 Sep 2019 04:38
 Operator : SY/VA
 Sample : K4968-02
 Misc : 5.57G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-03-010-ABCD

Quant Time: Sep 24 08:39:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	372570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	559596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	461464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	203248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	161561	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
35) Dibromofluoromethane	7.88	113	153673	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	10.32	98	637869	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.62	95	196720	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	

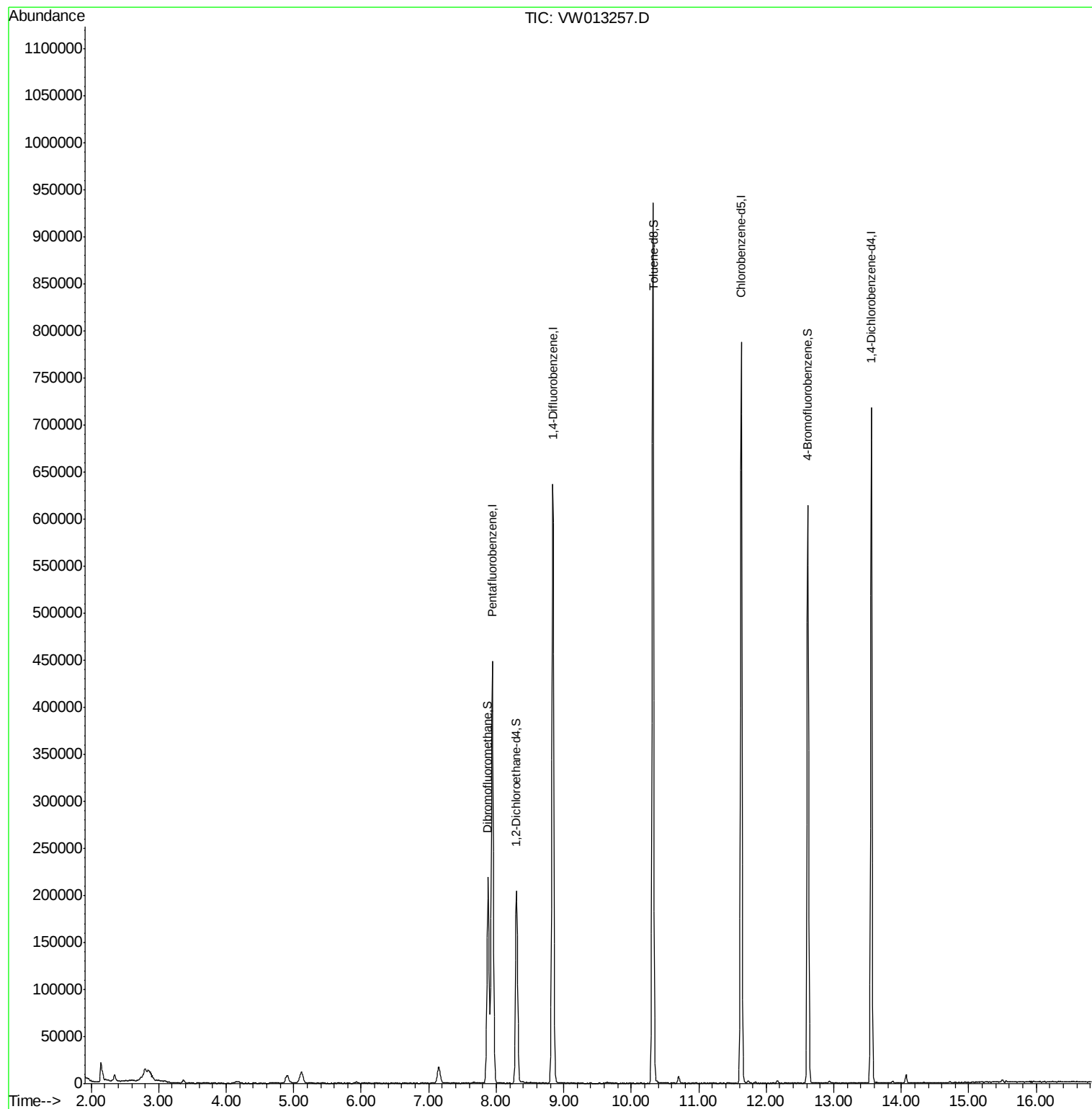
Target Compounds Qvalue

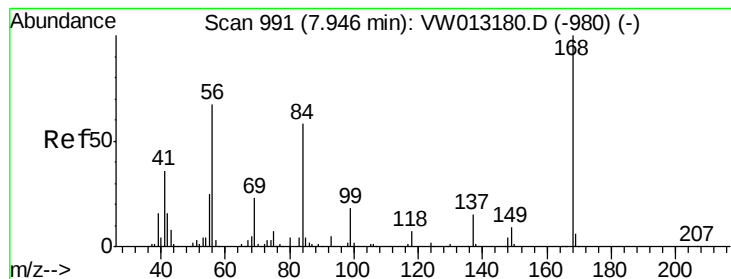
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW013257.D

Acq: 24 Sep 2019 04:38

Instrument :

MSVOA_W

ClientSampleId :

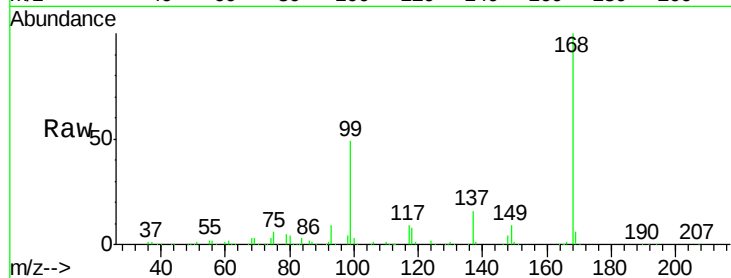
FK-BPM-03-010-ABCD

Tot Ion:168 Resp: 372570

Ion Ratio Lower Upper

168 100

99 49.1 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

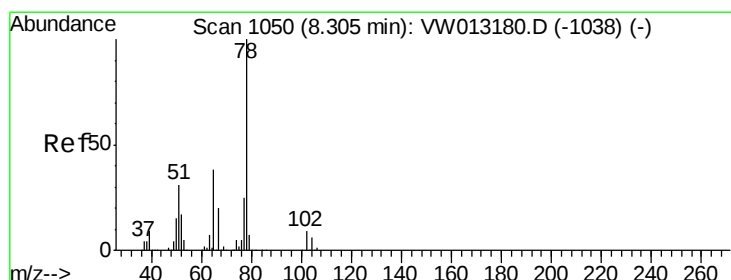
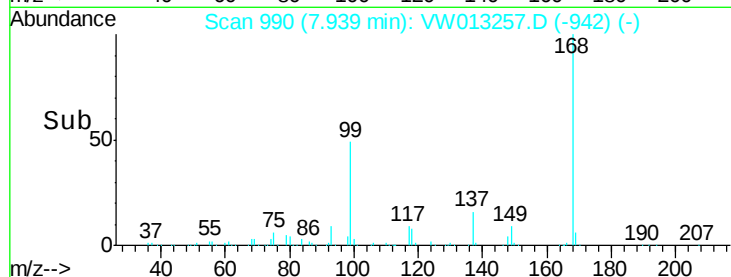
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.133 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013257.D

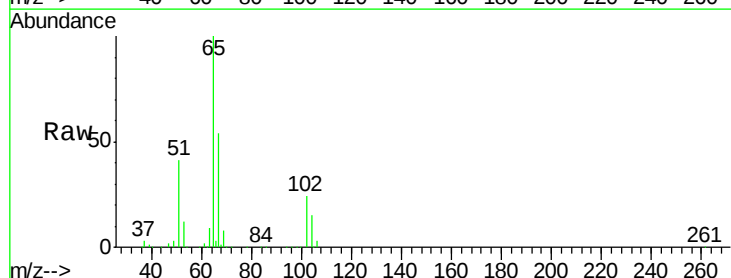
Acq: 24 Sep 2019 04:38

Tgt Ion: 65 Resp: 161561

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

80000

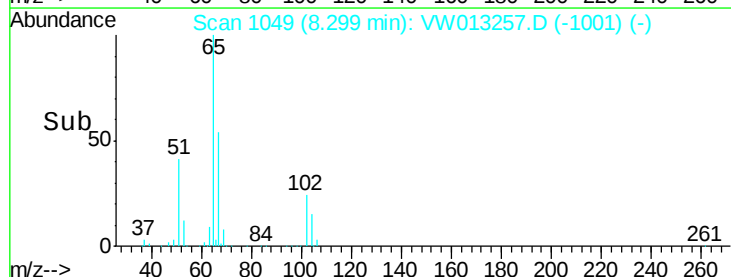
60000

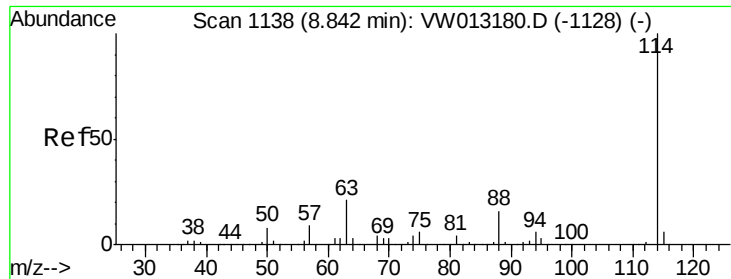
40000

20000

0

Time-->

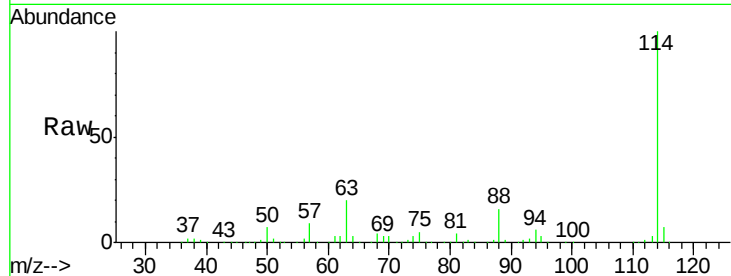




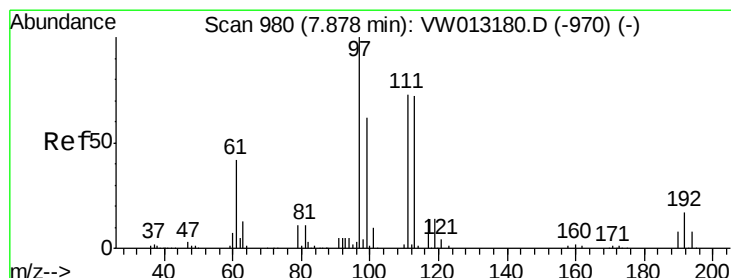
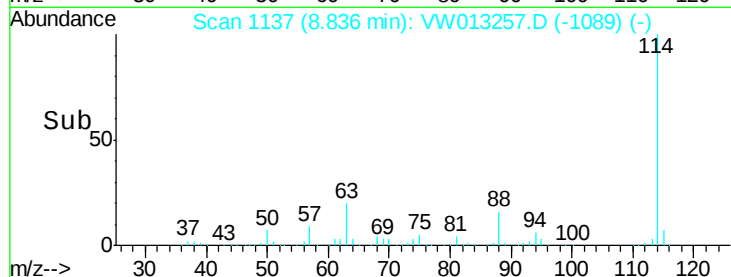
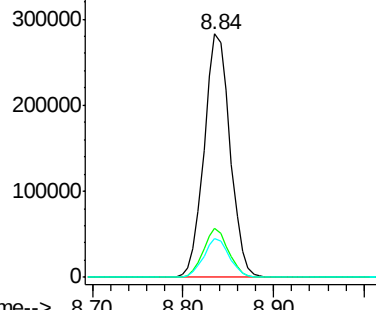
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1137
Delta R.T. -0.01 min
Lab File: VW013257.D
Acq: 24 Sep 2019 04:38

Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-03-010-ABCD

Tot Ion:114 Resp: 559596
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.4
88 16.0 0.0 32.0

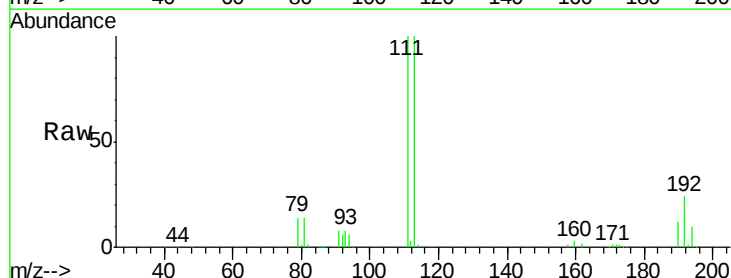


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

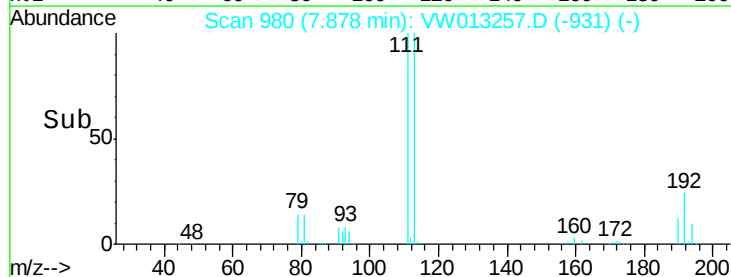
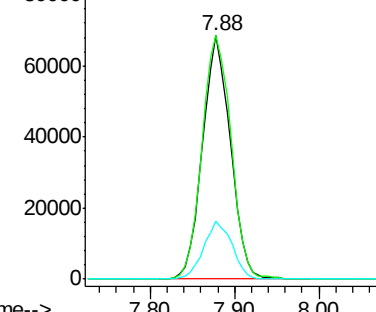


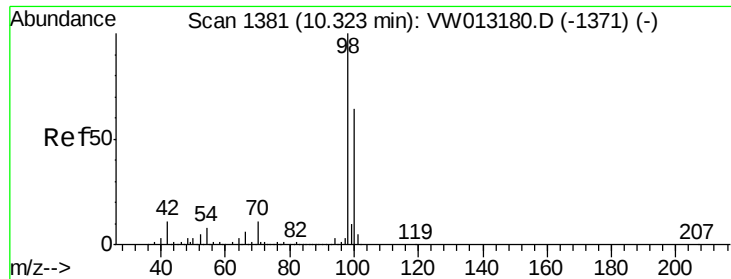
#35
Dibromofluoromethane
Concen: 49.930 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW013257.D
Acq: 24 Sep 2019 04:38

Tgt Ion:113 Resp: 153673
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 24.0 19.1 28.7



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: 49.521 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013257.D

Acq: 24 Sep 2019 04:38

Instrument :

MSVOA_W

ClientSampleId :

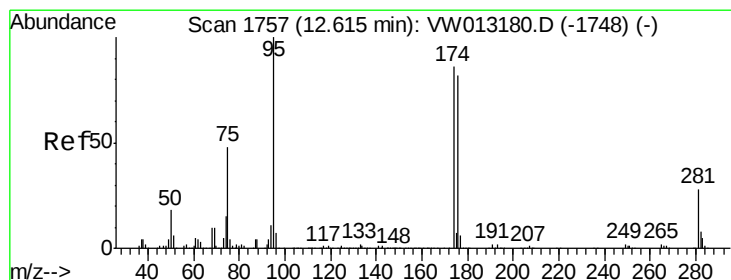
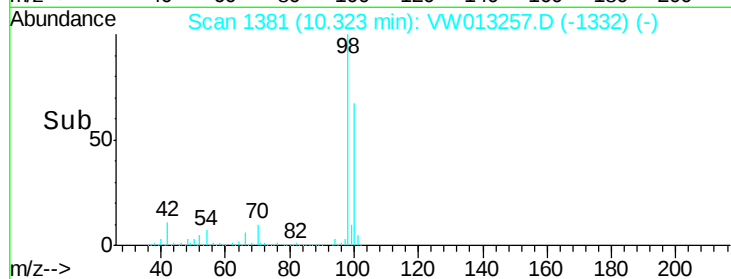
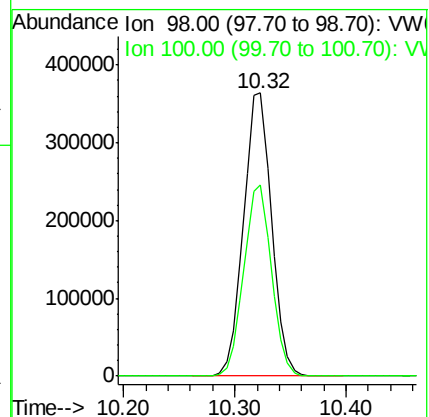
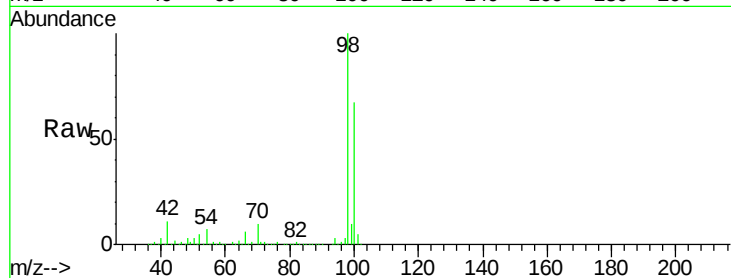
FK-BPM-03-010-ABCD

Tot Ion: 98 Resp: 637869

Ion Ratio Lower Upper

98 100

100 66.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.709 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013257.D

Acq: 24 Sep 2019 04:38

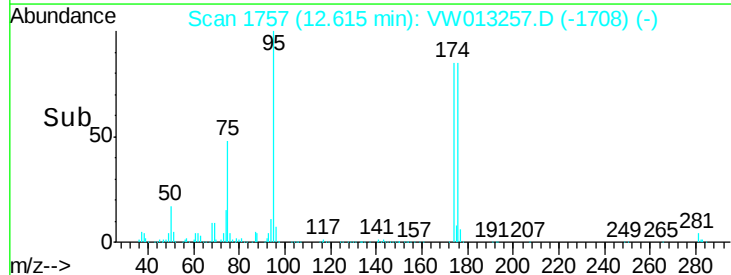
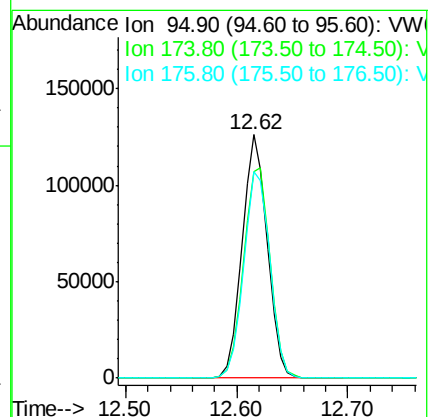
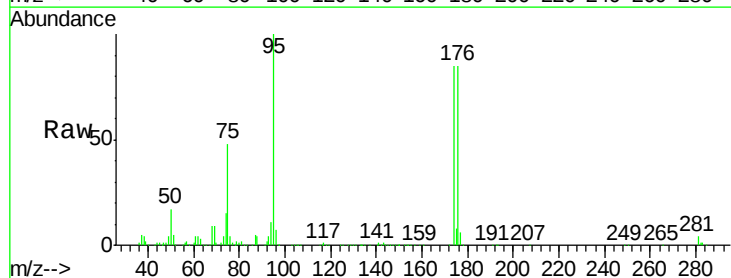
Tgt Ion: 95 Resp: 196720

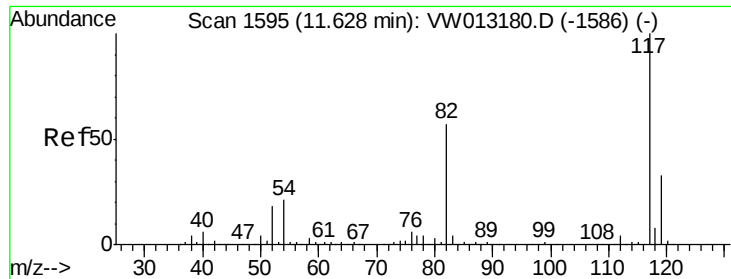
Ion Ratio Lower Upper

95 100

174 91.3 0.0 178.4

176 88.5 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013257.D

Acq: 24 Sep 2019 04:38

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-03-010-ABCD

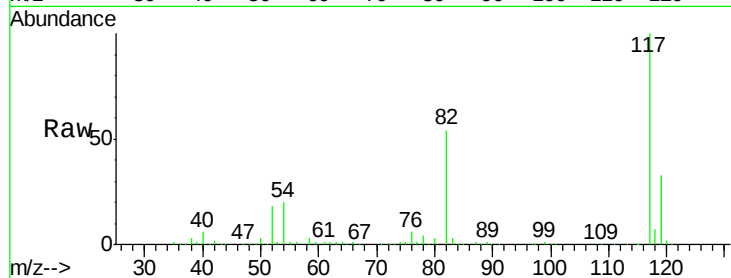
Tot Ion:117 Resp: 461464

Ion Ratio Lower Upper

117 100

82 53.6 45.9 68.9

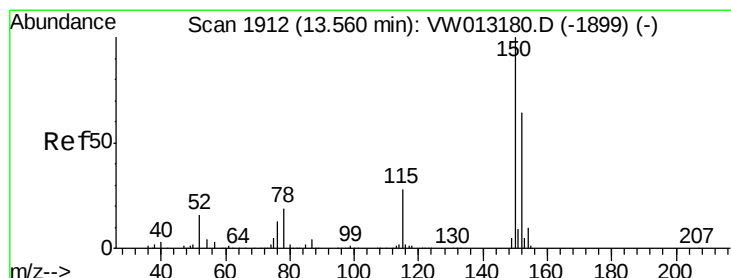
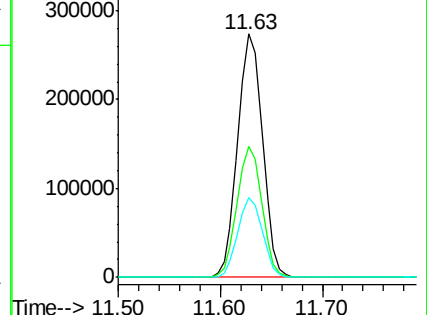
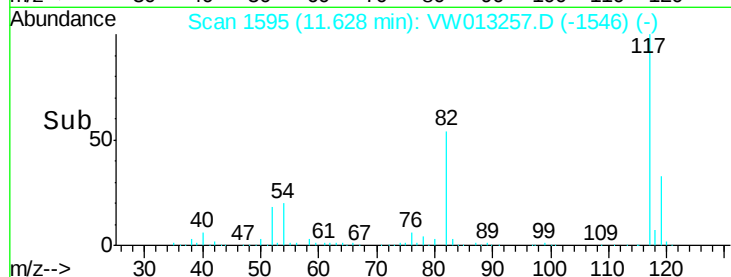
119 32.8 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013257.D

Acq: 24 Sep 2019 04:38

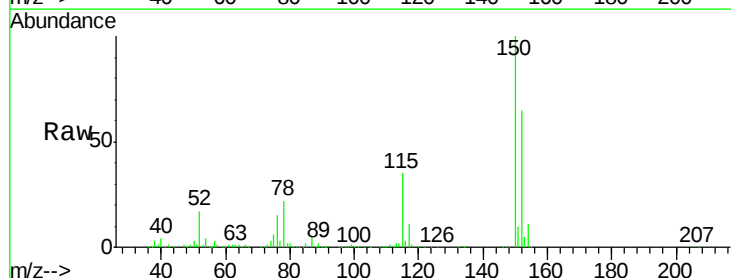
Tgt Ion:152 Resp: 203248

Ion Ratio Lower Upper

152 100

115 53.9 27.3 81.9

150 154.0 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

