

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013229.D
 Acq On : 23 Sep 2019 14:20
 Operator : SY/VA
 Sample : K4997-08
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-11-091919

Quant Time: Sep 24 07:09:16 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	7.95	168	325934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	477907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	385171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	148278	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	128853	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
35) Dibromofluoromethane	7.88	113	133194	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	10.32	98	551833	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.62	95	156413	41.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.24%	

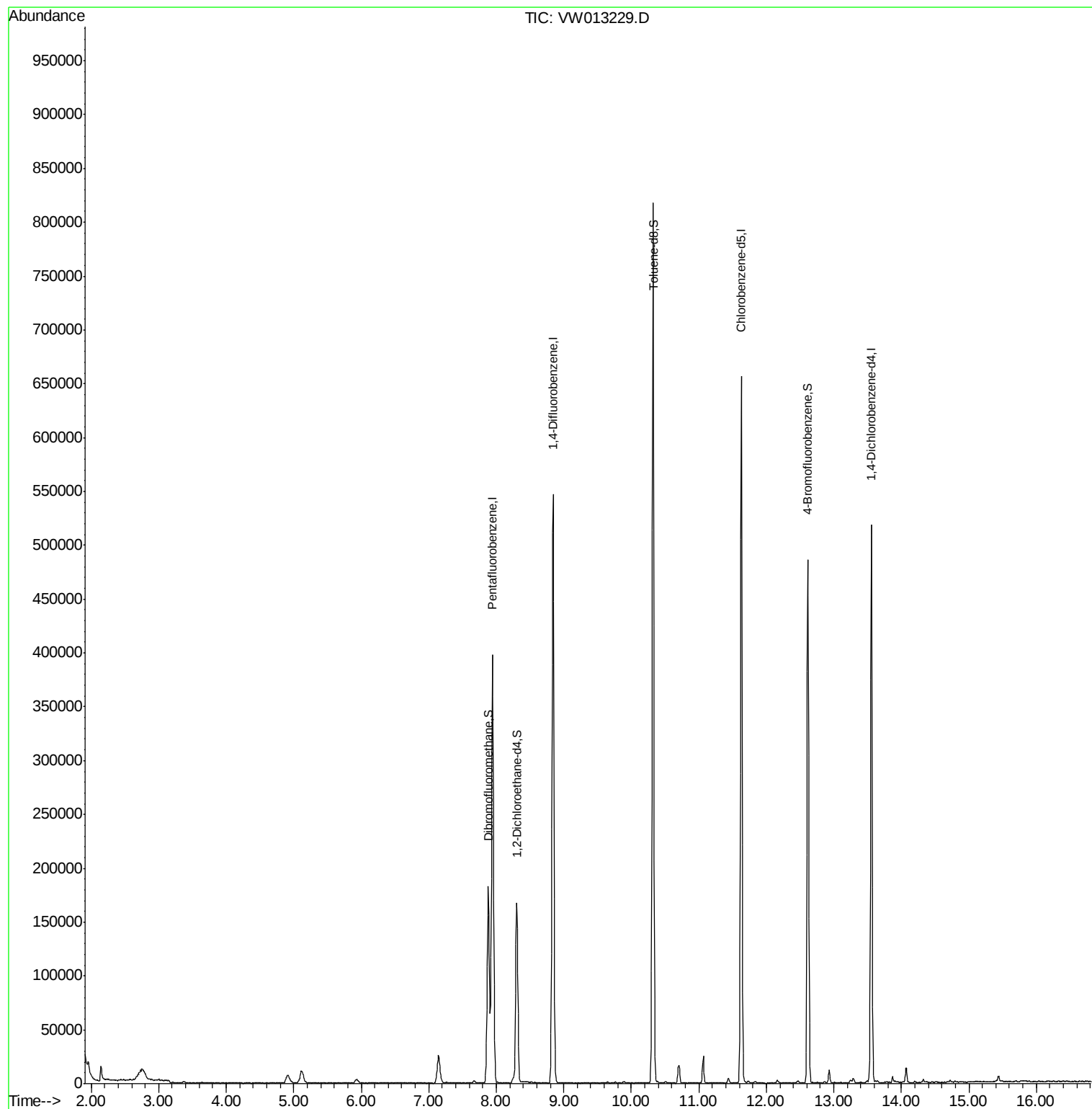
Target Compounds	Qvalue

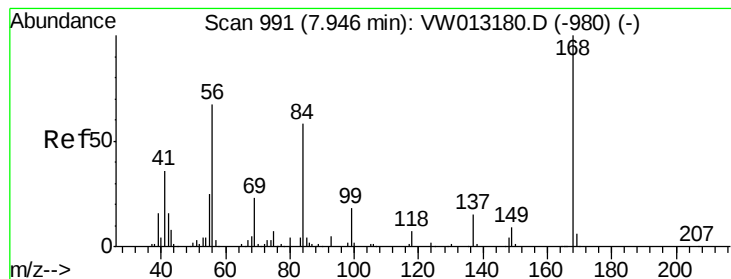
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013229.D

Acq: 23 Sep 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

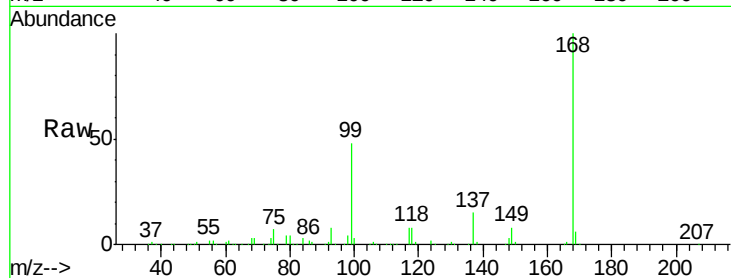
WC-11-091919

Tot Ion:168 Resp: 325934

Ion Ratio Lower Upper

168 100

99 48.5 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

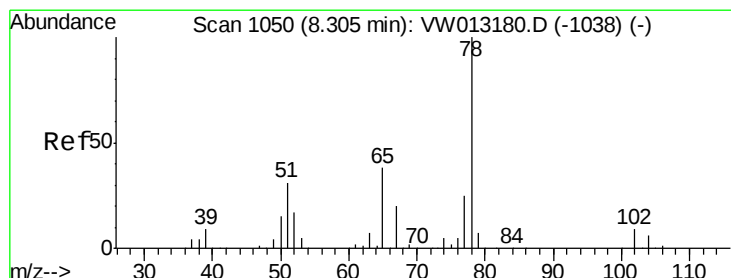
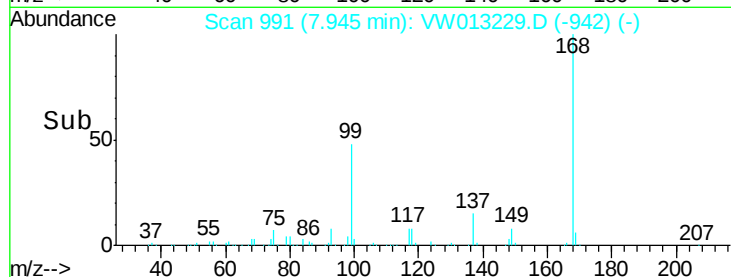
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.439 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013229.D

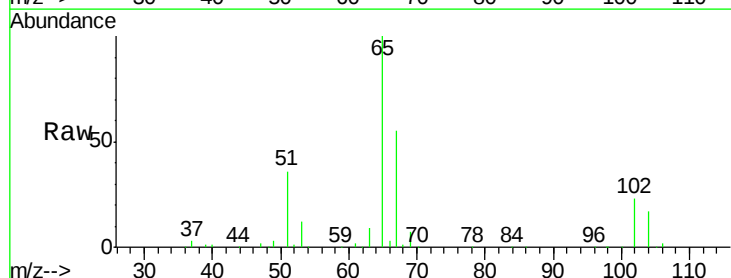
Acq: 23 Sep 2019 14:20

Tgt Ion: 65 Resp: 128853

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

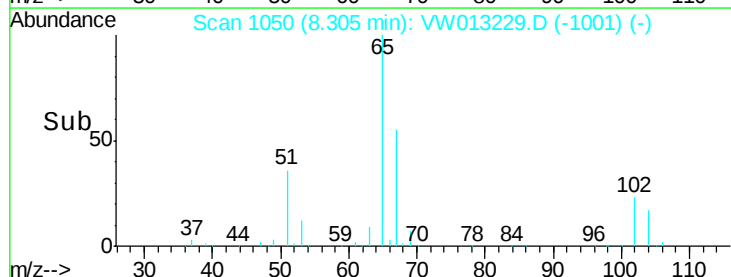
60000

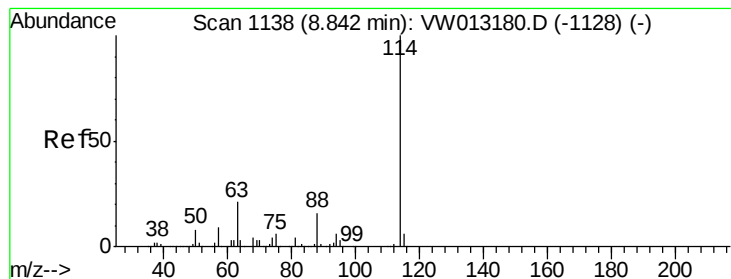
40000

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: VW013229.D

Acq: 23 Sep 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

WC-11-091919

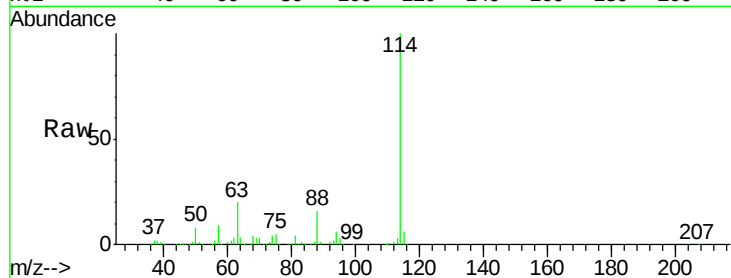
Tot Ion:114 Resp: 477907

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

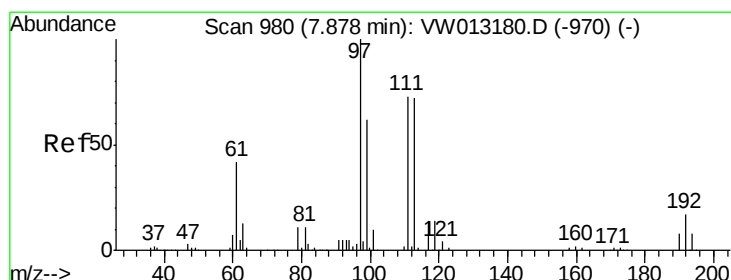
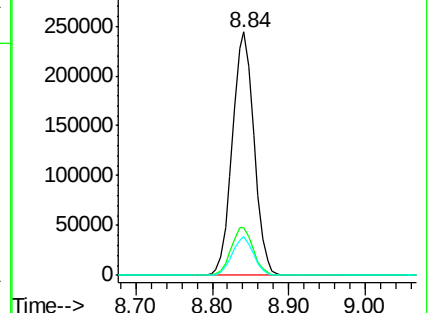
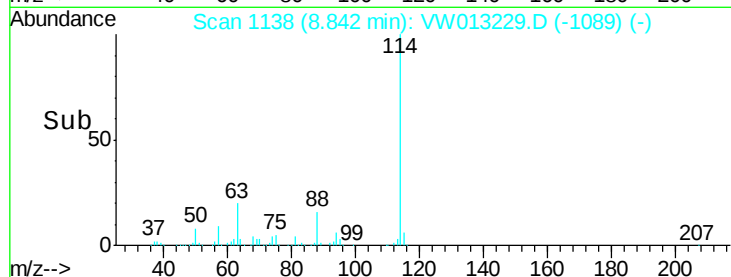
88 15.8 0.0 32.0



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: 50.673 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013229.D

Acq: 23 Sep 2019 14:20

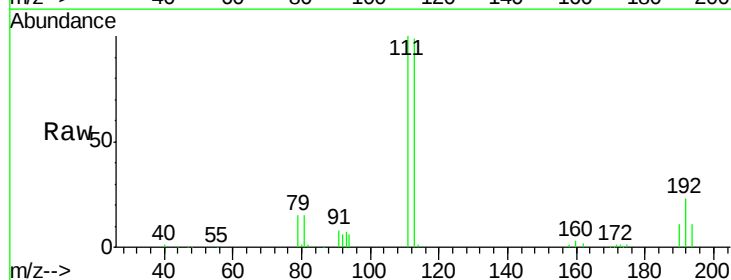
Tgt Ion:113 Resp: 133194

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

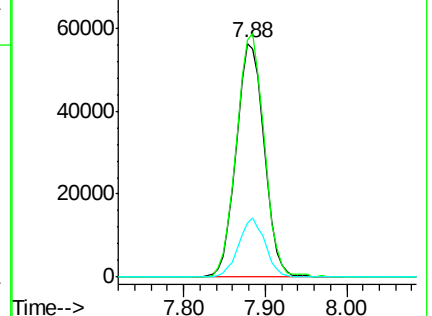
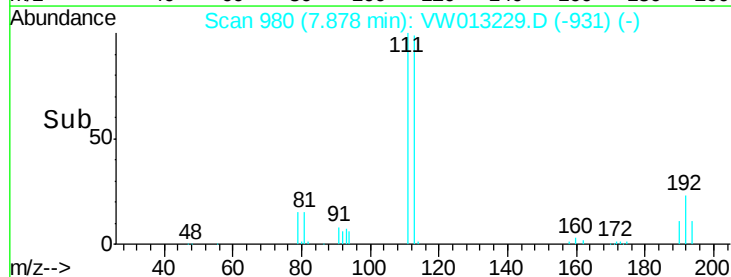
192 23.8 19.1 28.7

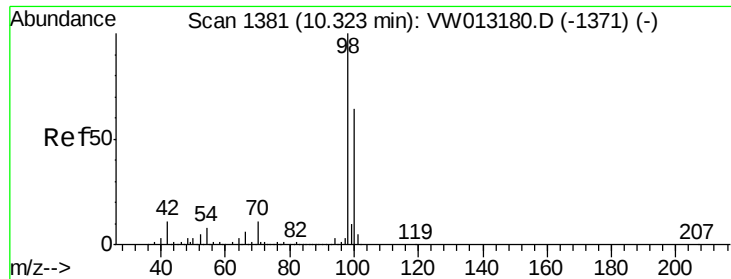


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.164 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013229.D

Acq: 23 Sep 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

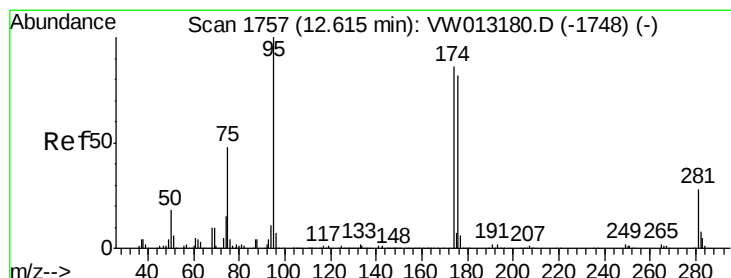
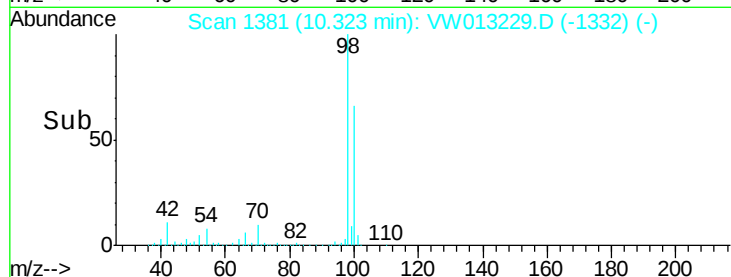
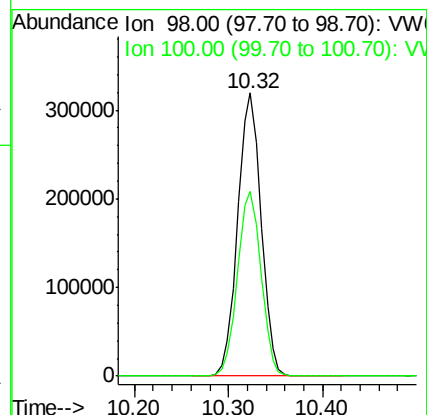
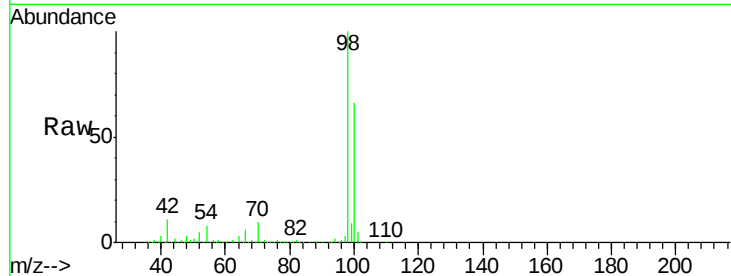
WC-11-091919

Tot Ion: 98 Resp: 551833

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 41.625 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013229.D

Acq: 23 Sep 2019 14:20

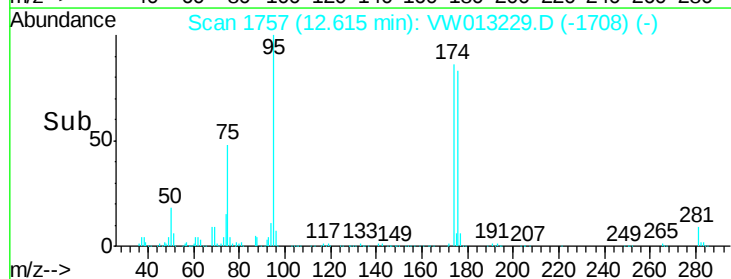
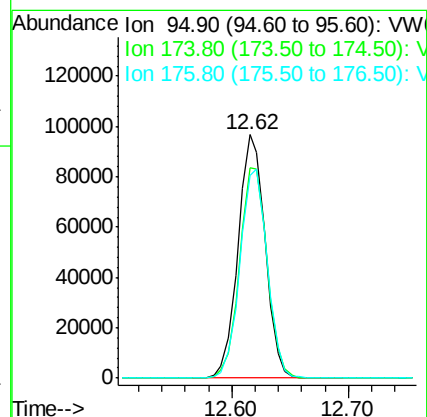
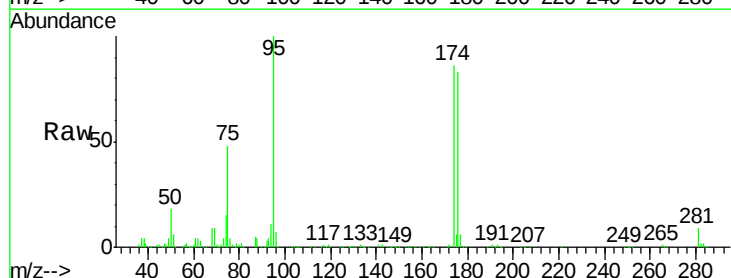
Tgt Ion: 95 Resp: 156413

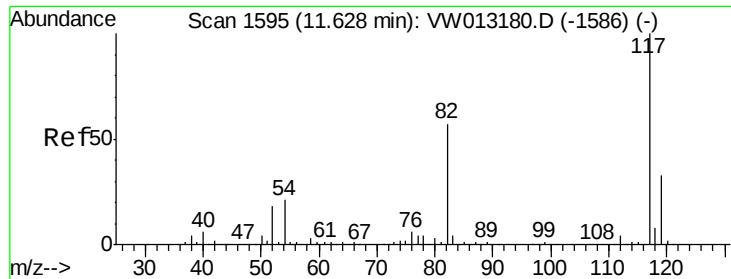
Ion Ratio Lower Upper

95 100

174 88.4 0.0 178.4

176 86.8 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: VW013229.D

Acq: 23 Sep 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

WC-11-091919

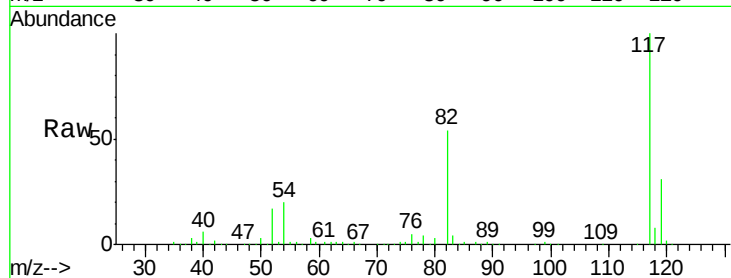
Tot Ion:117 Resp: 385171

Ion Ratio Lower Upper

117 100

82 54.4 45.9 68.9

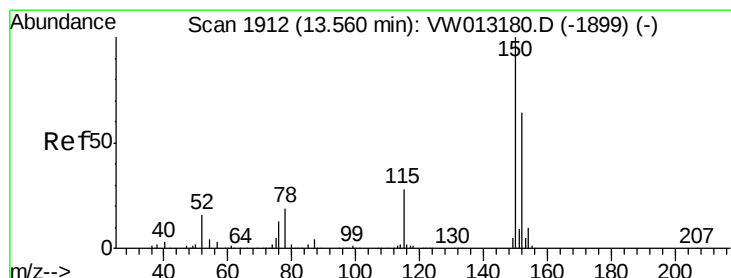
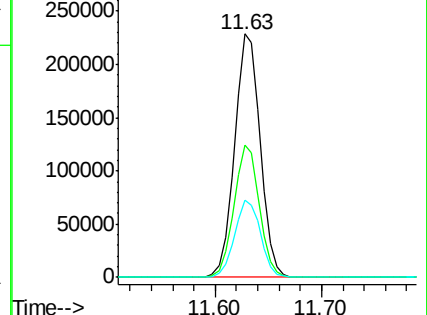
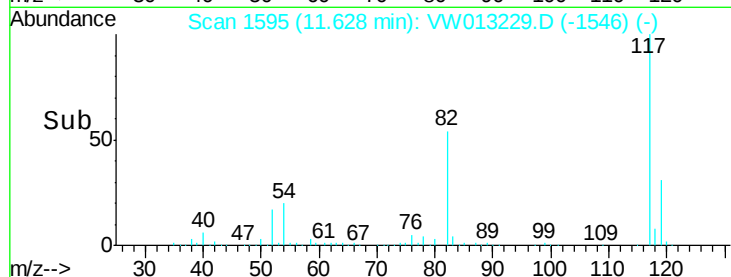
119 31.5 26.2 39.2



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: VW013229.D

Acq: 23 Sep 2019 14:20

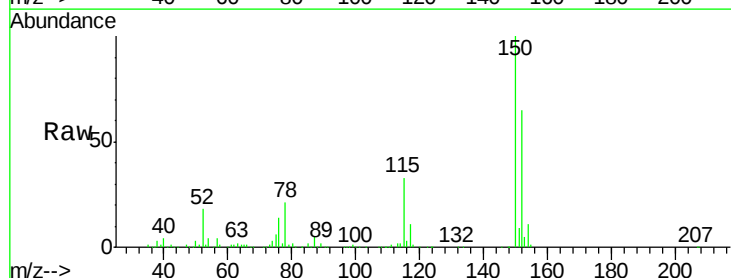
Tgt Ion:152 Resp: 148278

Ion Ratio Lower Upper

152 100

115 54.6 27.3 81.9

150 157.4 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

