

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091719\
 Data File : VW013095.D
 Acq On : 17 Sep 2019 17:21
 Operator : SY/VA
 Sample : K4846-07
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-23-5.5-6.0

Quant Time: Sep 18 06:54:35 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	310836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	475432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	395827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	175939	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	146674	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
35) Dibromofluoromethane	7.88	113	131429	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	10.32	98	558816	55.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.72%	
62) 4-Bromofluorobenzene	12.62	95	177534	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

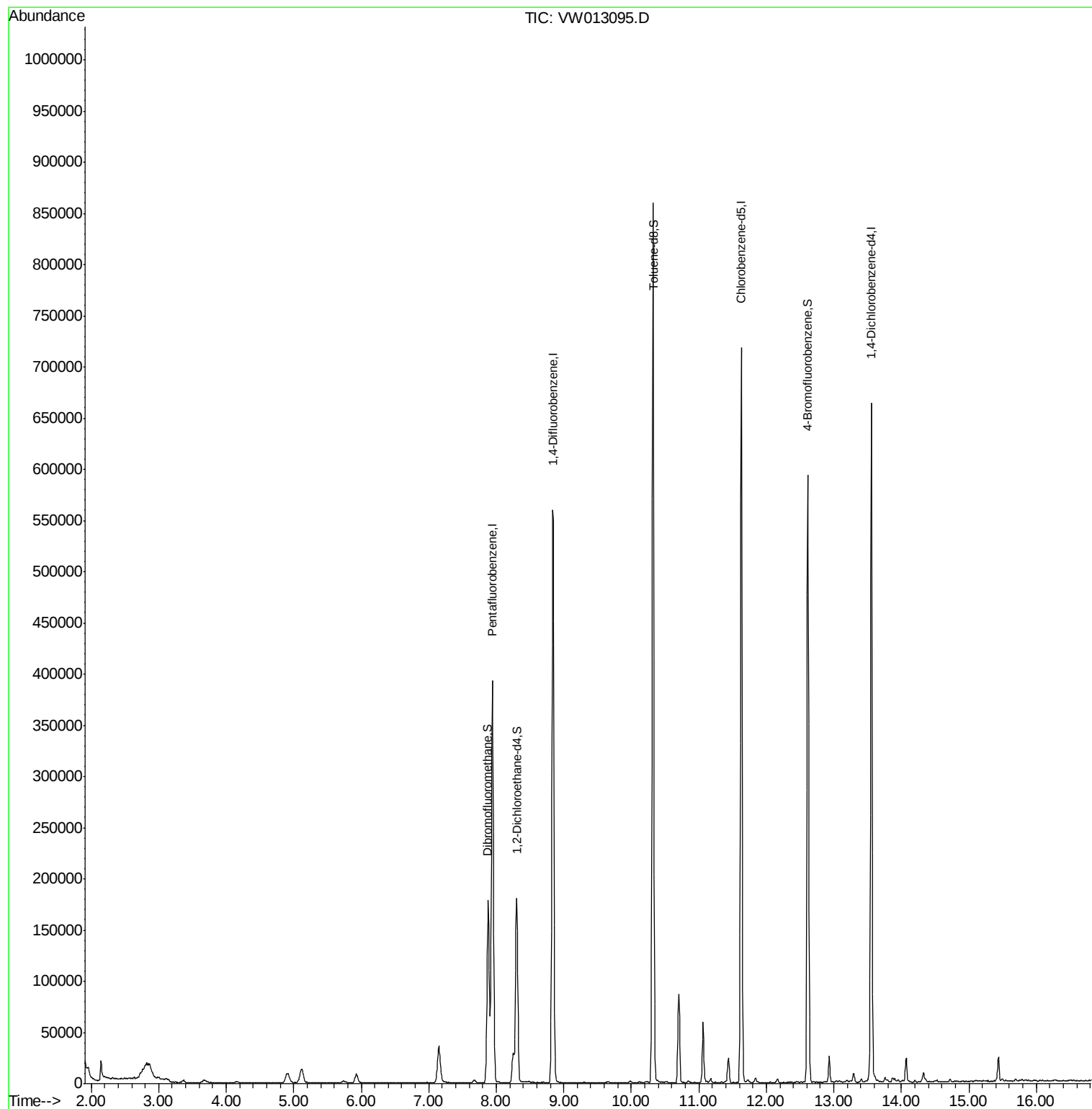
Target Compounds	Qvalue
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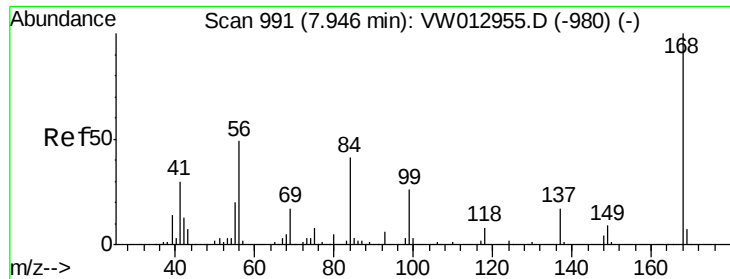
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013095.D

Acq: 17 Sep 2019 17:21

Instrument :

MSVOA_W

ClientSampleId :

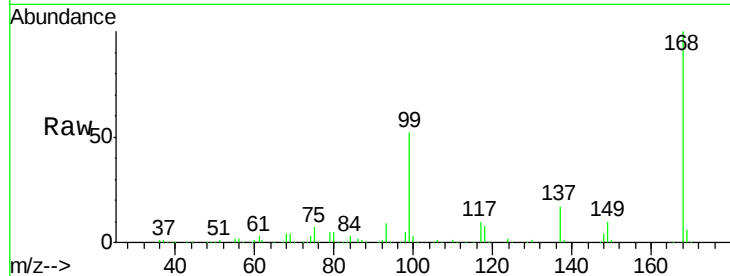
SB-23-5.5-6.0

Tot Ion:168 Resp: 310836

Ion Ratio Lower Upper

168 100

99 52.3 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

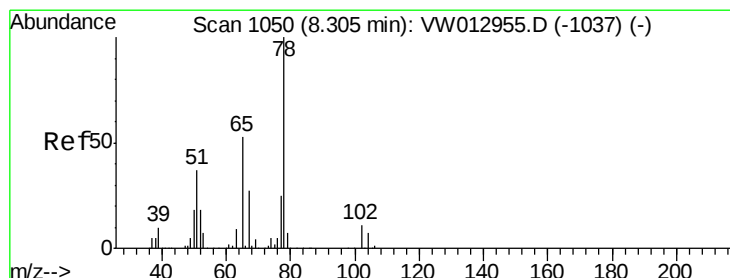
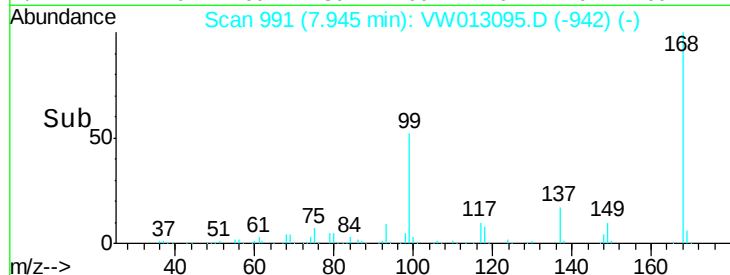
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.092 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013095.D

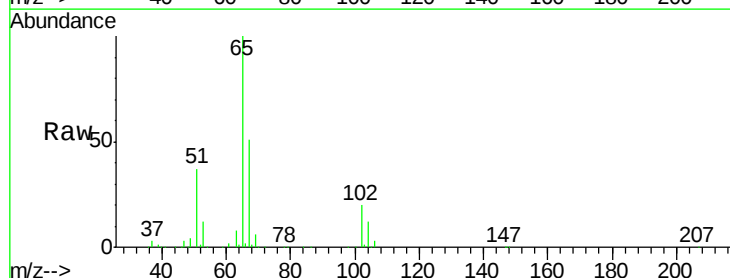
Acq: 17 Sep 2019 17:21

Tgt Ion: 65 Resp: 146674

Ion Ratio Lower Upper

65 100

67 52.1 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

80000

60000

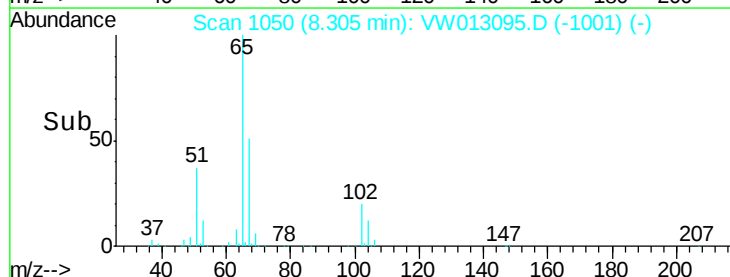
40000

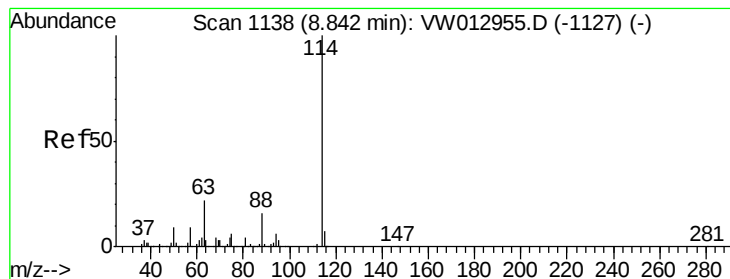
20000

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: VW013095.D

Acq: 17 Sep 2019 17:21

Instrument :

MSVOA_W

ClientSampleId :

SB-23-5.5-6.0

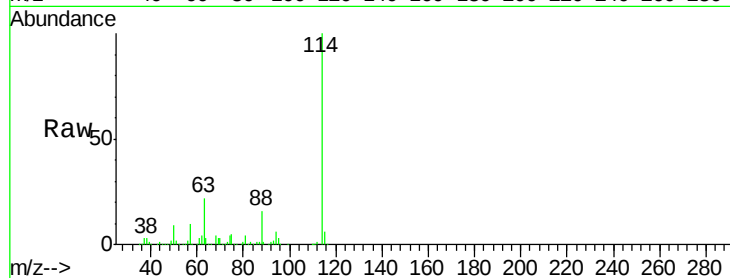
Tot Ion:114 Resp: 475432

Ion Ratio Lower Upper

114 100

63 21.6 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

300000

250000

200000

150000

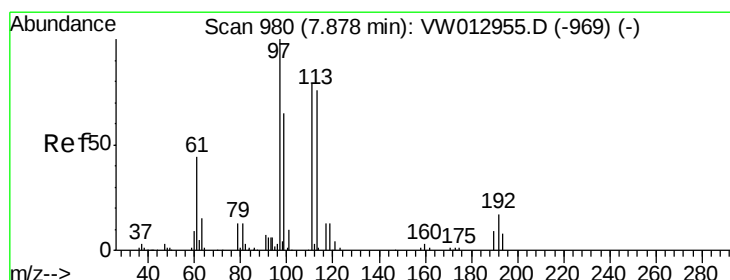
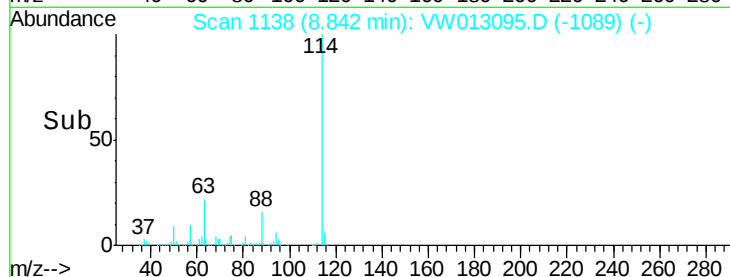
100000

50000

0

8.80 8.90

Time-->



#35

Dibromofluoromethane

Concen: 50.946 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013095.D

Acq: 17 Sep 2019 17:21

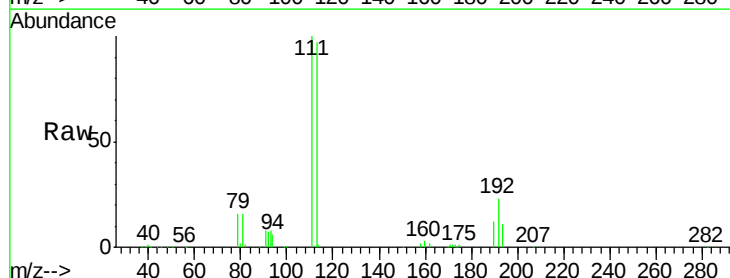
Tgt Ion:113 Resp: 131429

Ion Ratio Lower Upper

113 100

111 103.3 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

60000

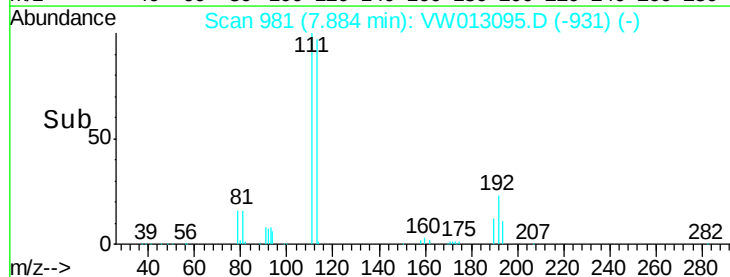
40000

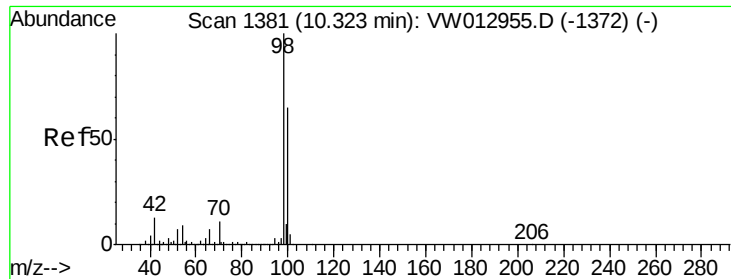
20000

0

7.80 7.90 8.00

Time-->





#50

Toluene-d8

Concen: 55.357 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013095.D

Acq: 17 Sep 2019 17:21

Instrument :

MSVOA_W

ClientSampleId :

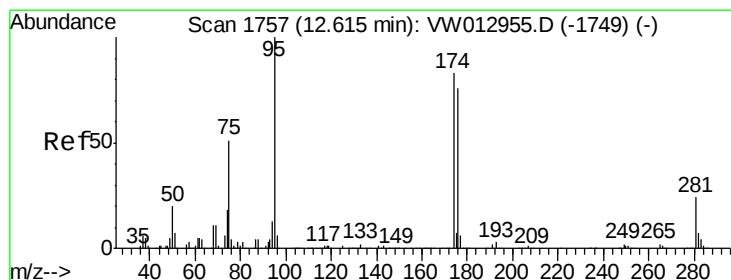
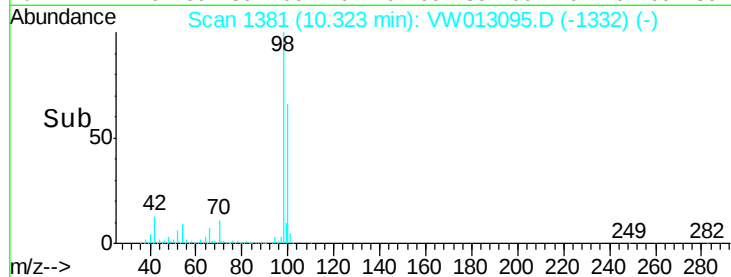
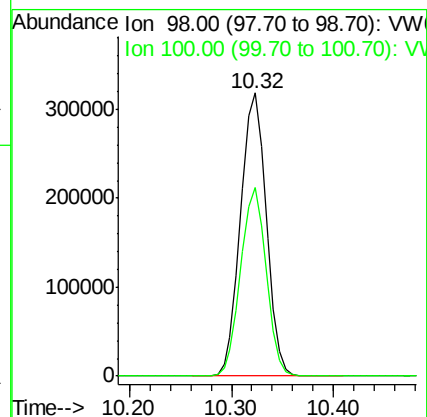
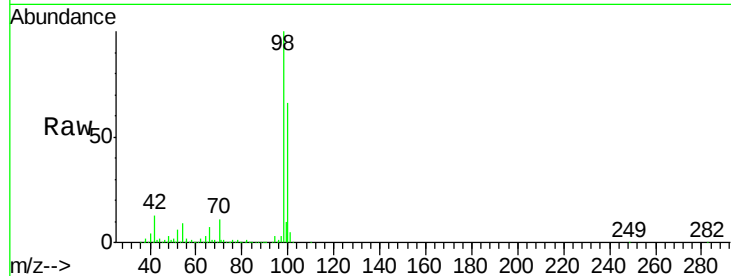
SB-23-5.5-6.0

Tot Ion: 98 Resp: 558816

Ion Ratio Lower Upper

98 100

100 65.6 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 48.909 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013095.D

Acq: 17 Sep 2019 17:21

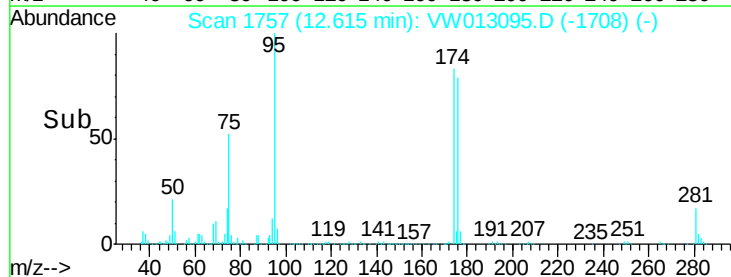
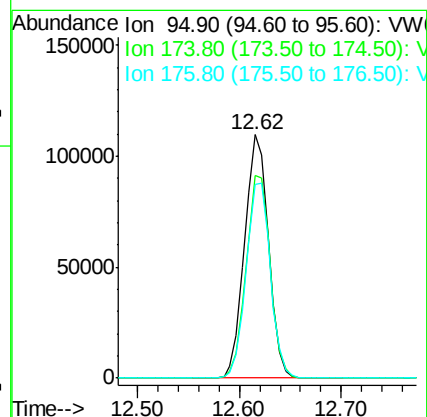
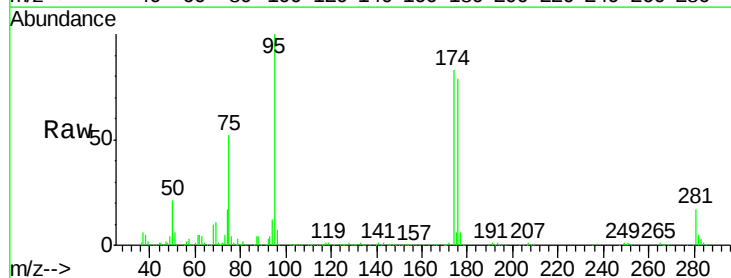
Tgt Ion: 95 Resp: 177534

Ion Ratio Lower Upper

95 100

174 84.1 0.0 170.4

176 81.2 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: VW013095.D

Acq: 17 Sep 2019 17:21

Instrument :

MSVOA_W

ClientSampleId :

SB-23-5.5-6.0

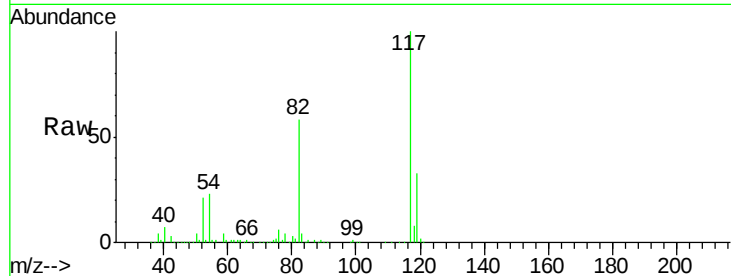
Tot Ion:117 Resp: 395827

Ion Ratio Lower Upper

117 100

82 58.2 46.3 69.5

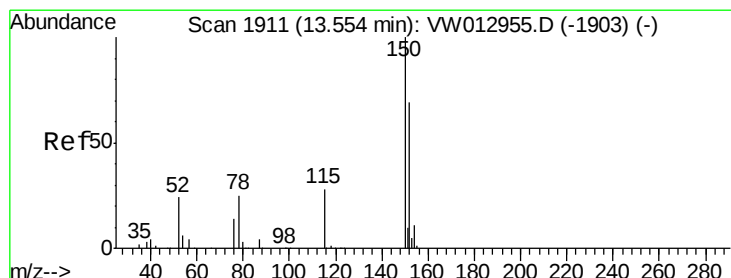
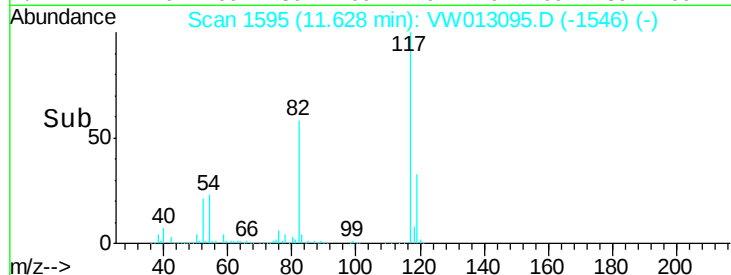
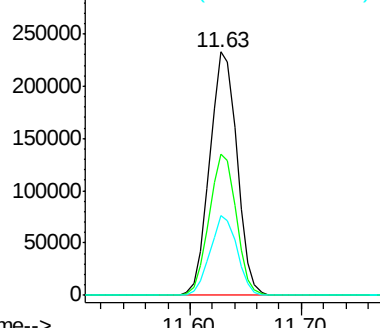
119 32.9 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW013095.D

Acq: 17 Sep 2019 17:21

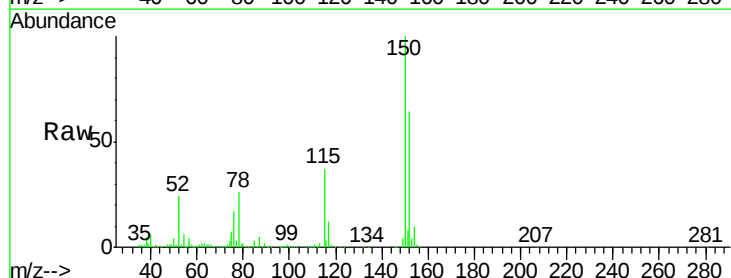
Tgt Ion:152 Resp: 175939

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.4

150 156.5 0.0 340.2



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

