

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013039.D
 Acq On : 16 Sep 2019 14:15
 Operator : SY/VA
 Sample : K4852-14
 Misc : 6.16G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BUS-1(5)

Quant Time: Sep 16 15:15:11 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	296484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	452397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	380021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164850	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	148518	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
35) Dibromofluoromethane	7.88	113	129504	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
50) Toluene-d8	10.32	98	527287	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	
62) 4-Bromofluorobenzene	12.62	95	169494	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	

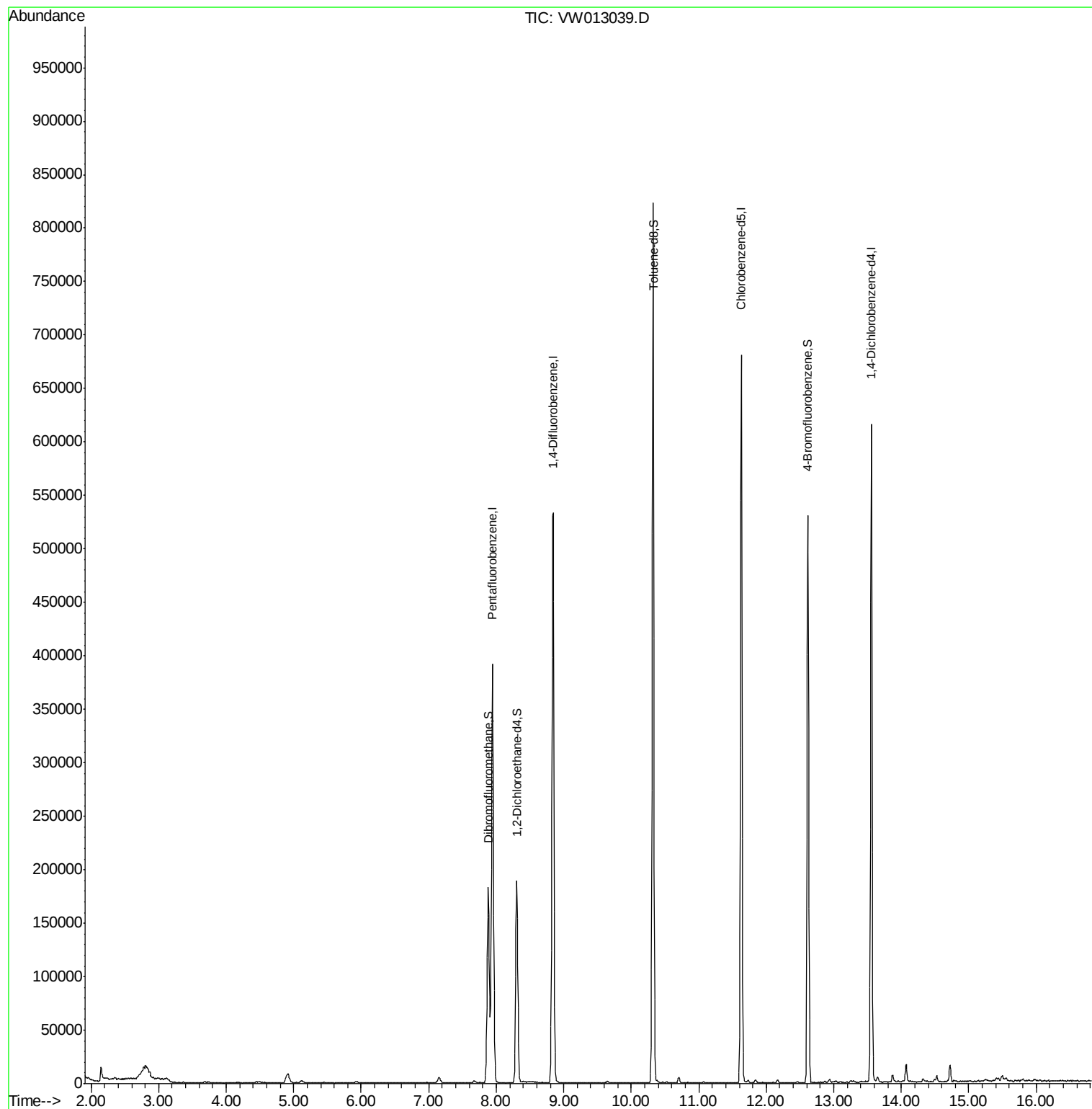
Target Compounds	Qvalue

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

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QLast Update : Fri Sep 13 17:26:01 2019
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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: VW013039.D

Acq: 16 Sep 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

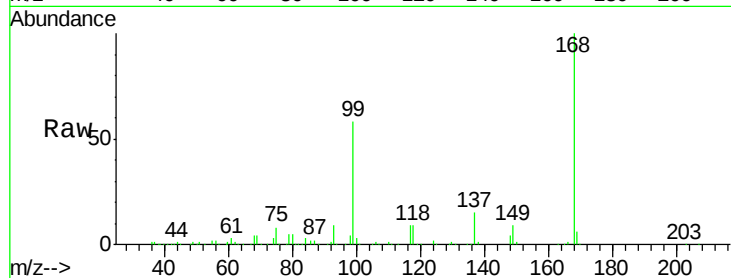
BUS-1(5)

Tot Ion:168 Resp: 296484

Ion Ratio Lower Upper

168 100

99 57.5 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

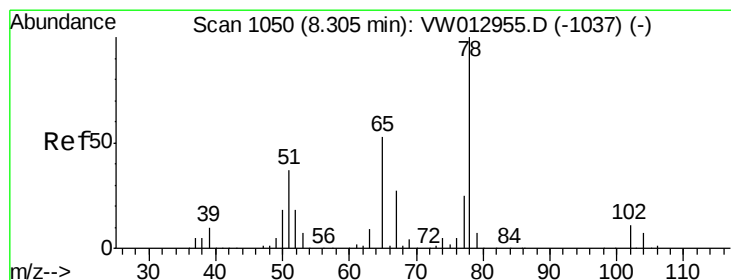
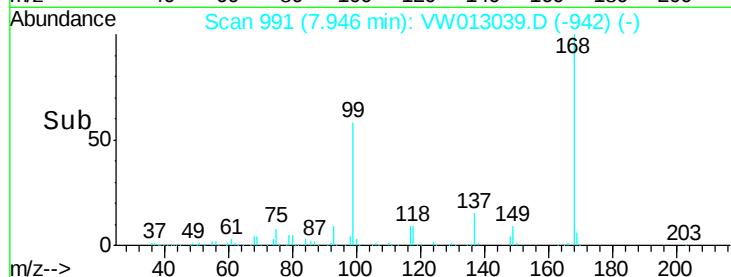
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 54.238 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013039.D

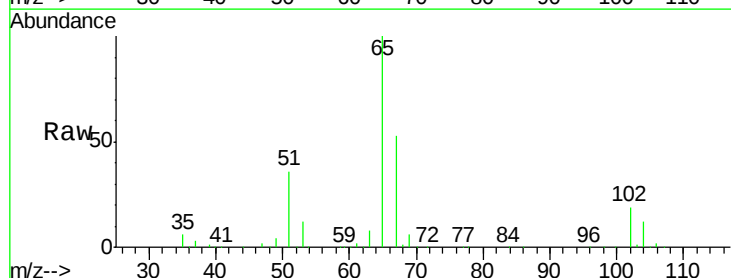
Acq: 16 Sep 2019 14:15

Tgt Ion: 65 Resp: 148518

Ion Ratio Lower Upper

65 100

67 52.0 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

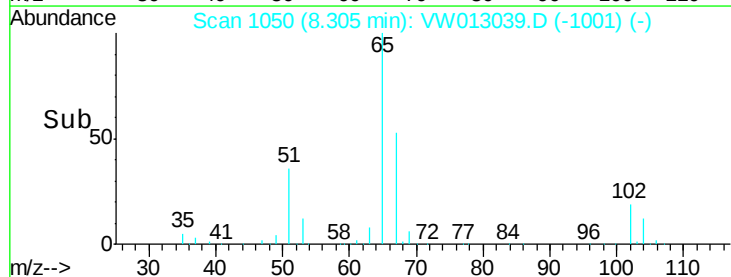
60000

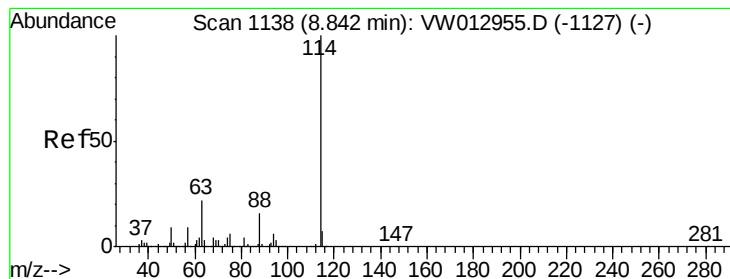
40000

20000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013039.D

Acq: 16 Sep 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

BUS-1(5)

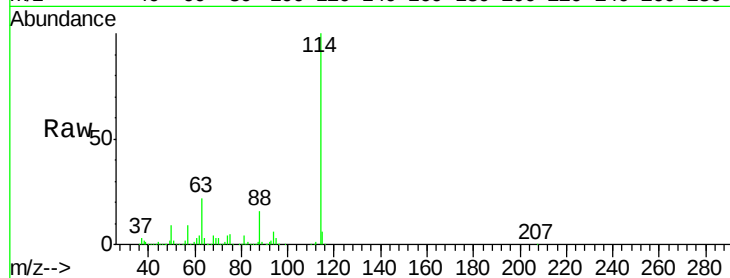
Tot Ion:114 Resp: 452397

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.4

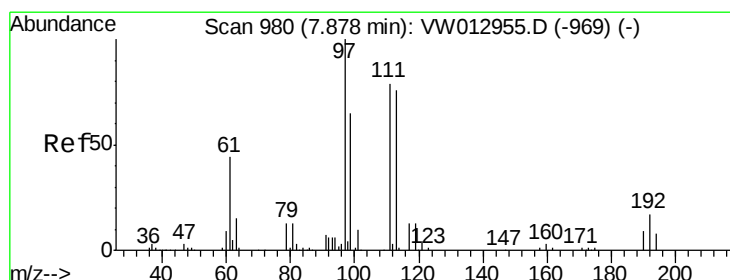
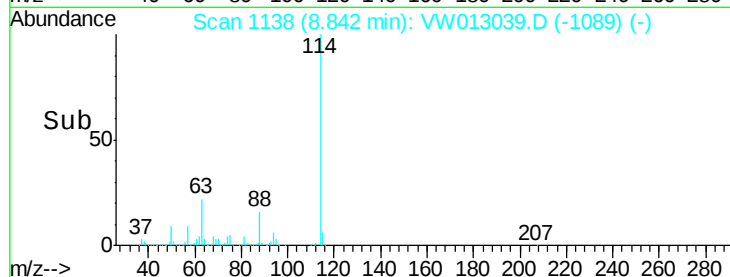
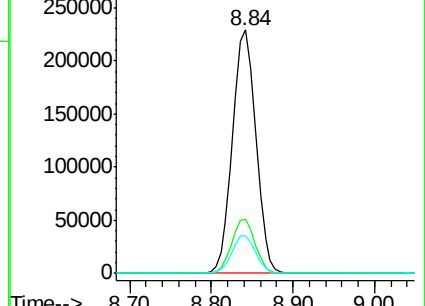
88 15.6 0.0 31.6



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: 52.756 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013039.D

Acq: 16 Sep 2019 14:15

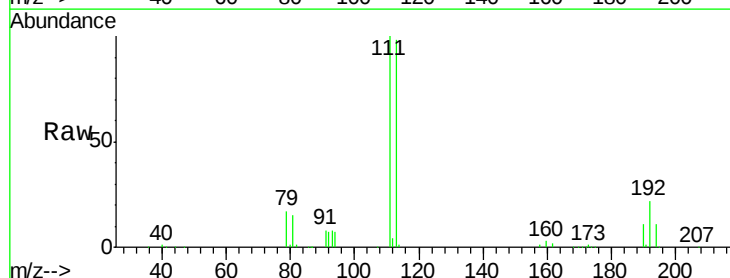
Tgt Ion:113 Resp: 129504

Ion Ratio Lower Upper

113 100

111 104.0 82.8 124.2

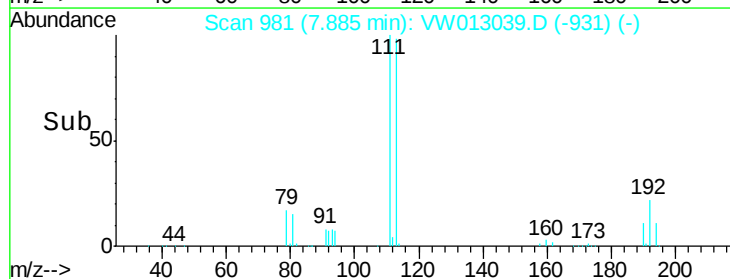
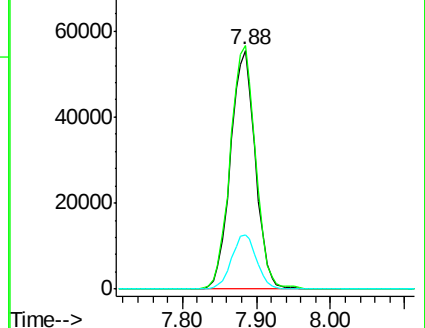
192 22.9 17.8 26.8

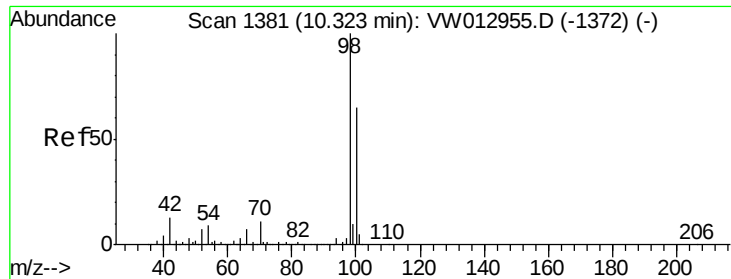


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.893 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013039.D

Acq: 16 Sep 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

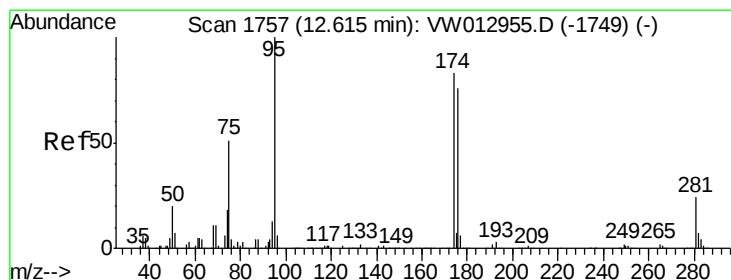
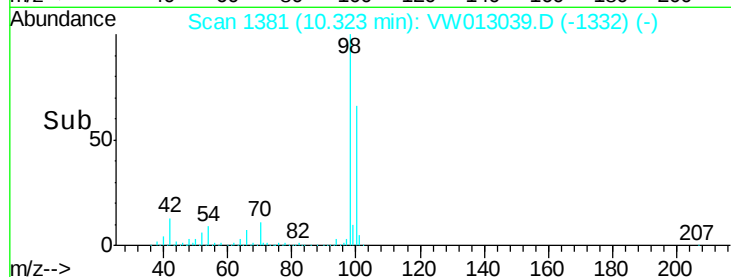
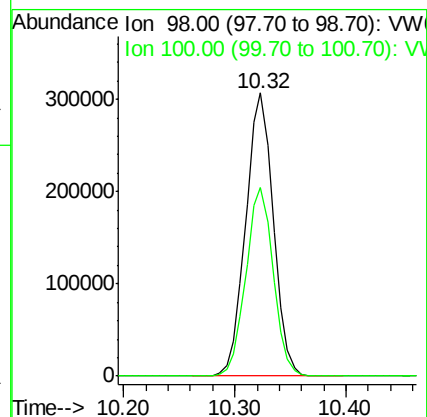
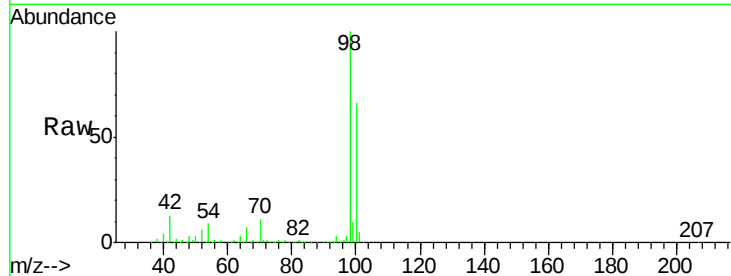
BUS-1(5)

Tot Ion: 98 Resp: 527287

Ion Ratio Lower Upper

98 100

100 66.0 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 49.072 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013039.D

Acq: 16 Sep 2019 14:15

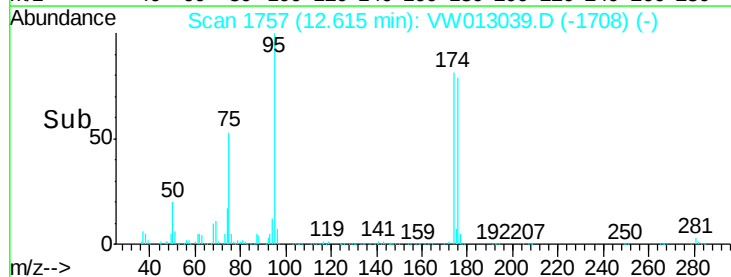
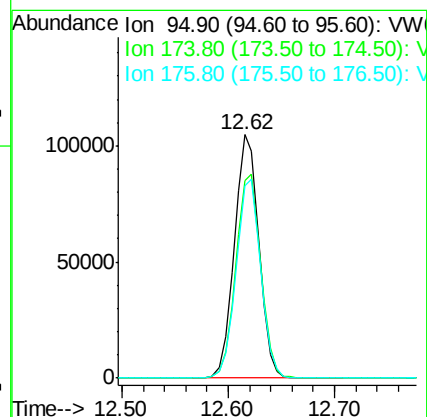
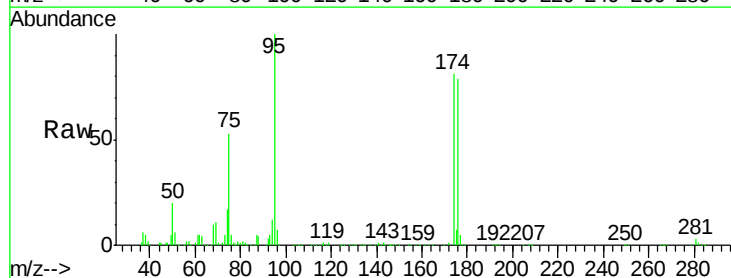
Tgt Ion: 95 Resp: 169494

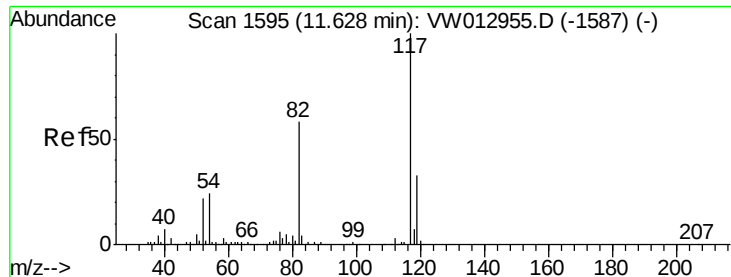
Ion Ratio Lower Upper

95 100

174 85.0 0.0 170.4

176 81.9 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: VW013039.D

Acq: 16 Sep 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

BUS-1(5)

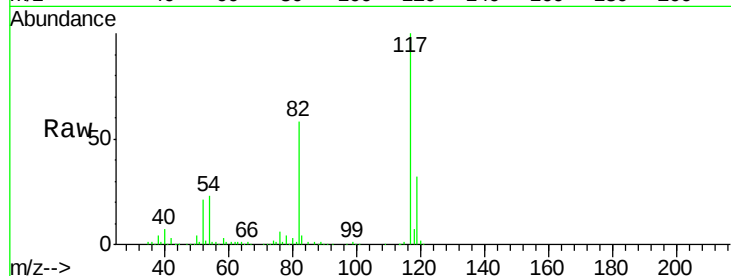
Tot Ion:117 Resp: 380021

Ion Ratio Lower Upper

117 100

82 58.1 46.3 69.5

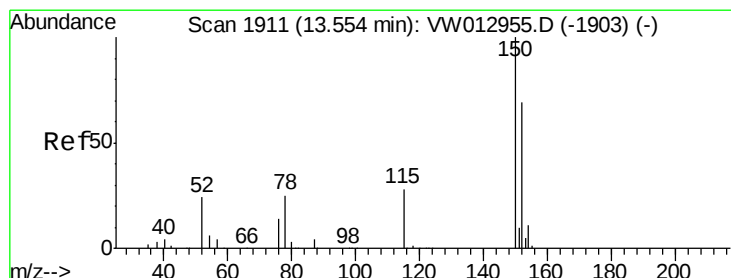
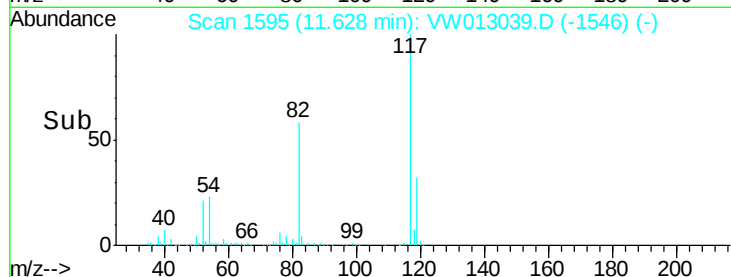
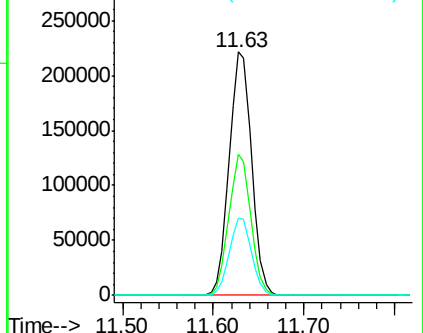
119 31.8 26.2 39.4



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: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW013039.D

Acq: 16 Sep 2019 14:15

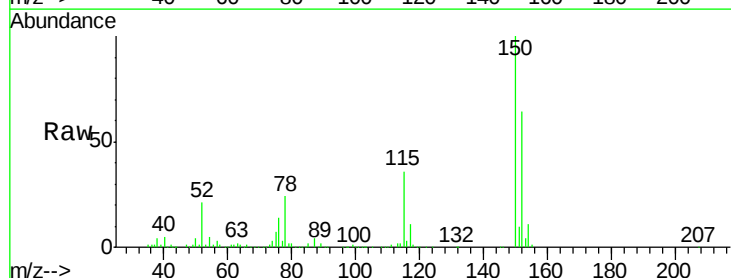
Tgt Ion:152 Resp: 164850

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.4

150 158.6 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

