

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012969.D
 Acq On : 13 Sep 2019 22:42
 Operator : SY/VA
 Sample : K4719-07
 Misc : 5.76G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-3-(1.5)-BRUCKNER

Quant Time: Sep 14 05:08:41 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	225669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	332427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	235402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	66924	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	120874	58.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.00%	
35) Dibromofluoromethane	7.88	113	100491	55.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.42%	
50) Toluene-d8	10.32	98	374728	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.62	95	90422	35.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.26%	

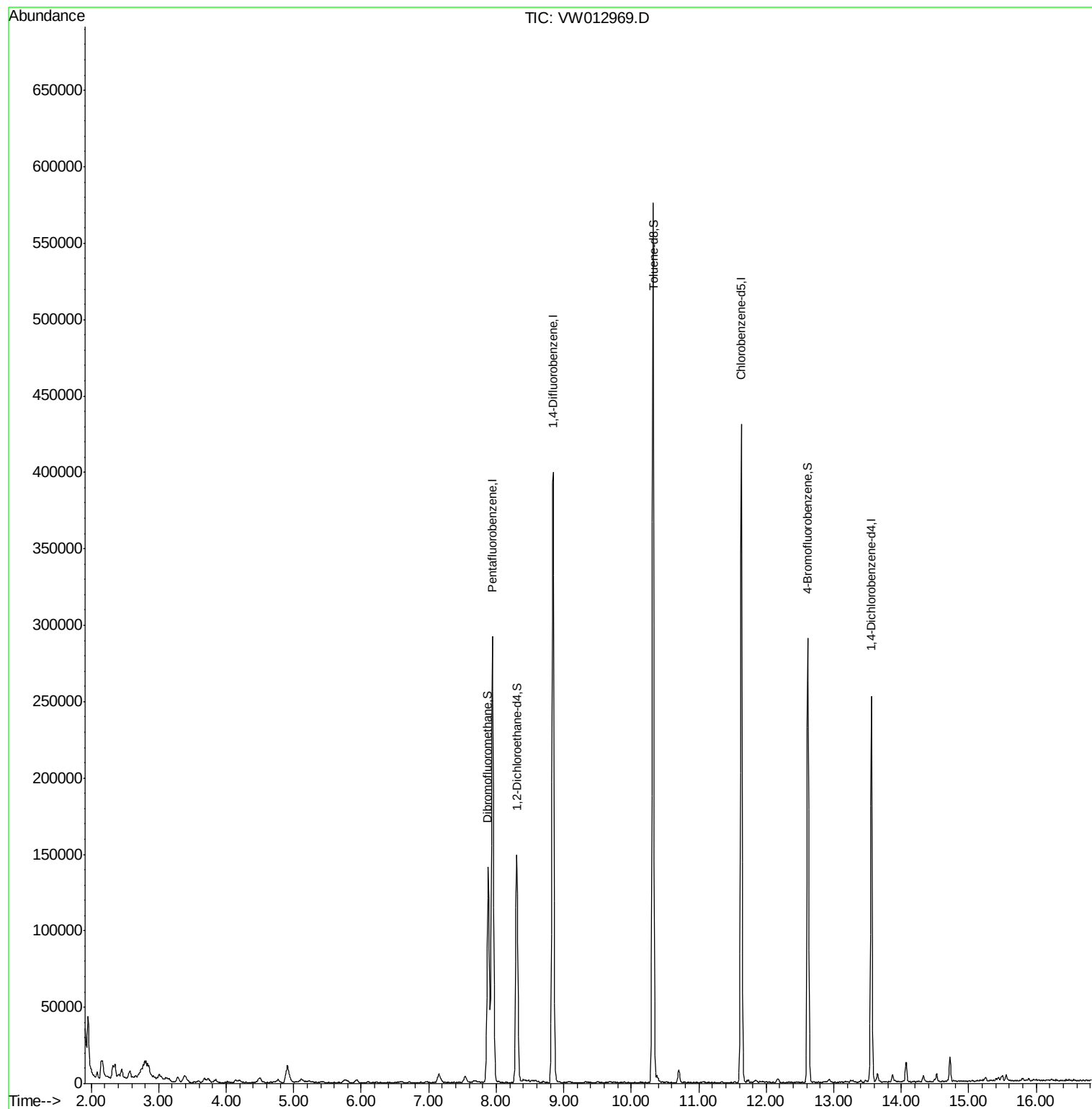
Target Compounds	Qvalue

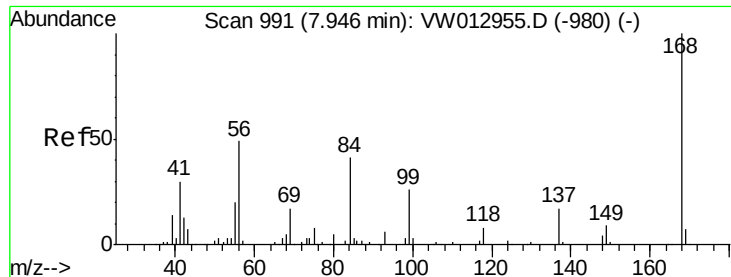
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012969.D

Acq: 13 Sep 2019 22:42

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MSVOA_W

ClientSampleId :

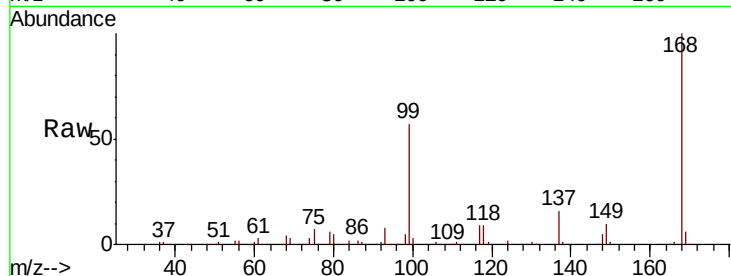
T4-3-(1.5)-BRUCKNER

Tgt Ion:168 Resp: 225669

Ion Ratio Lower Upper

168 100

99 57.0 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

120000

100000

80000

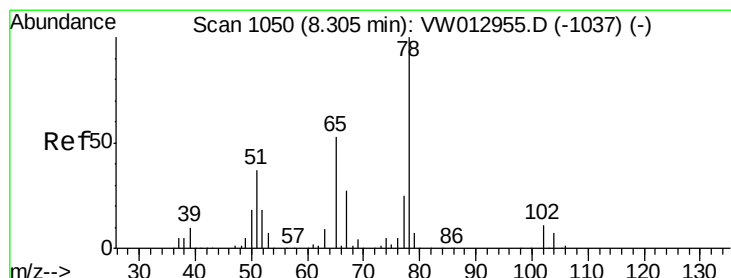
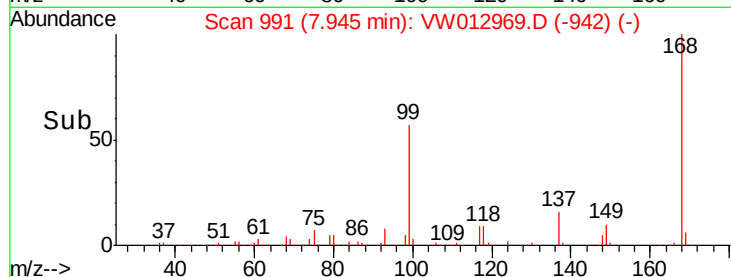
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 57.995 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012969.D

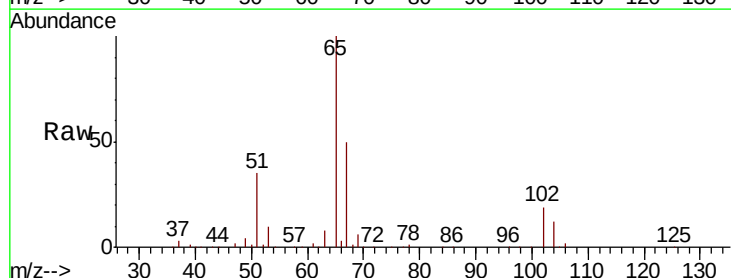
Acq: 13 Sep 2019 22:42

Tgt Ion: 65 Resp: 120874

Ion Ratio Lower Upper

65 100

67 50.7 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

60000

50000

40000

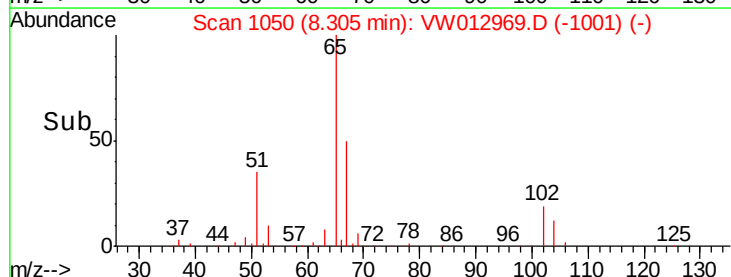
30000

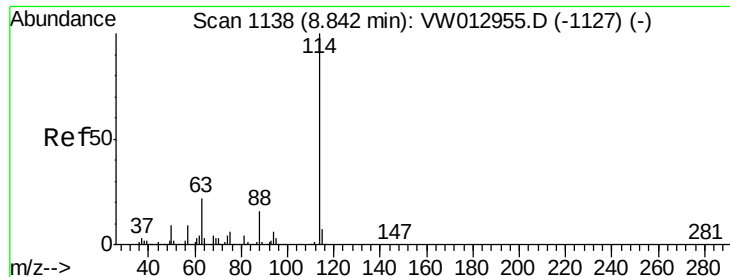
20000

10000

0

Time--> 8.20 8.30 8.40

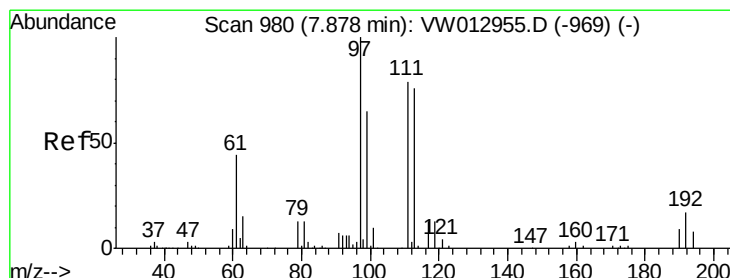
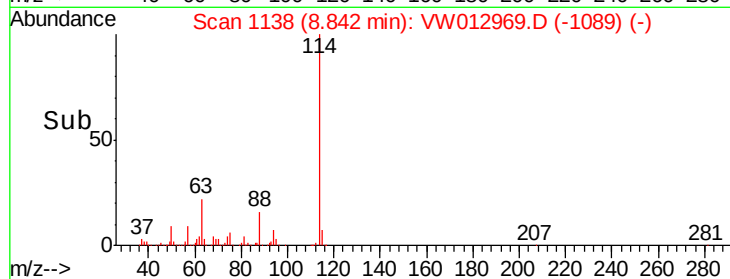
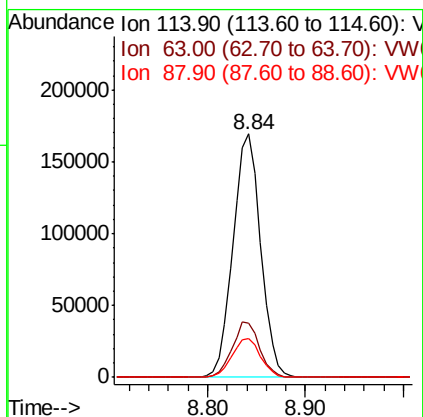
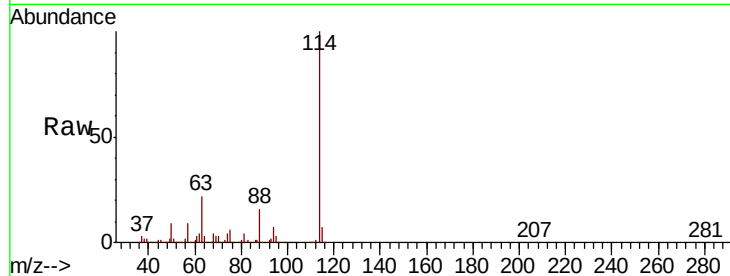




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012969.D
 Acq: 13 Sep 2019 22:42

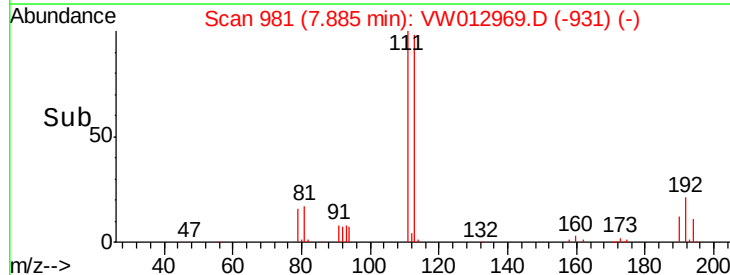
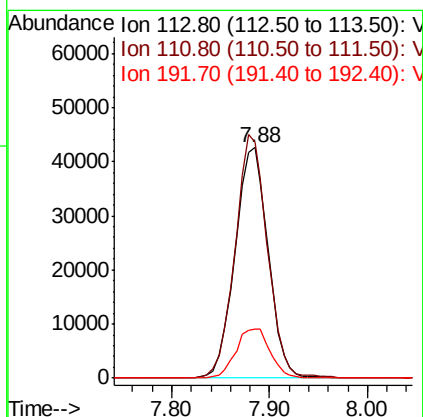
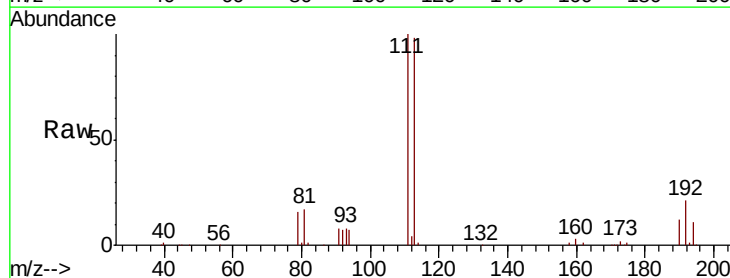
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-3-(1.5)-BRUCKNER

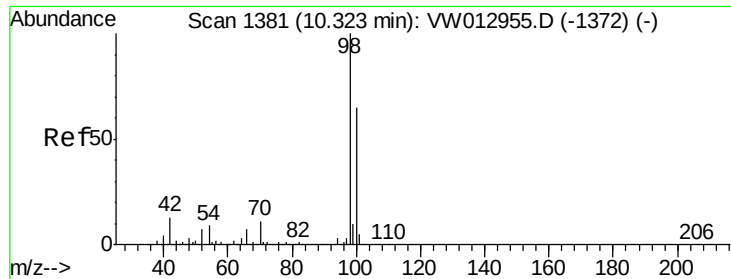
Tgt Ion:114 Resp: 332427
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.4
 88 16.1 0.0 31.6



#35
 Dibromofluoromethane
 Concen: 55.711 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW012969.D
 Acq: 13 Sep 2019 22:42

Tgt Ion:113 Resp: 100491
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.8 124.2
 192 22.1 17.8 26.8





#50

Toluene-d8

Concen: 53.089 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012969.D

Acq: 13 Sep 2019 22:42

Instrument :

MSVOA_W

ClientSampleId :

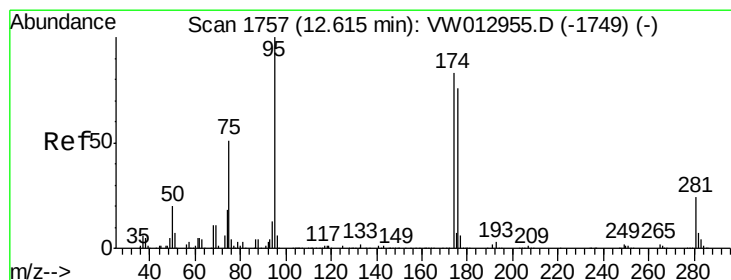
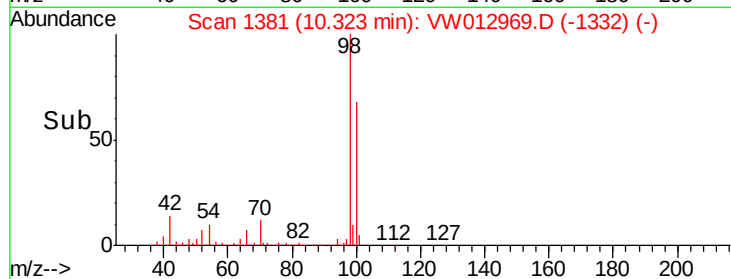
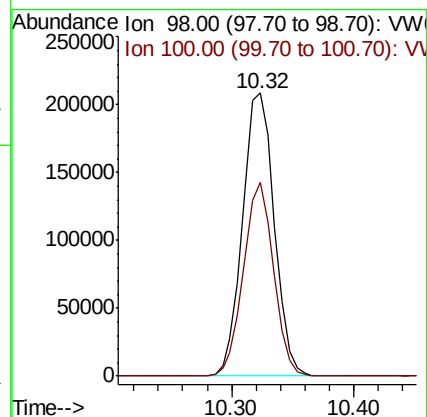
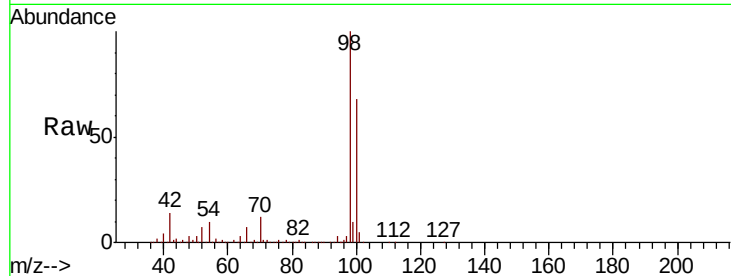
T4-3-(1.5)-BRUCKNER

Tgt Ion: 98 Resp: 374728

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 35.626 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012969.D

Acq: 13 Sep 2019 22:42

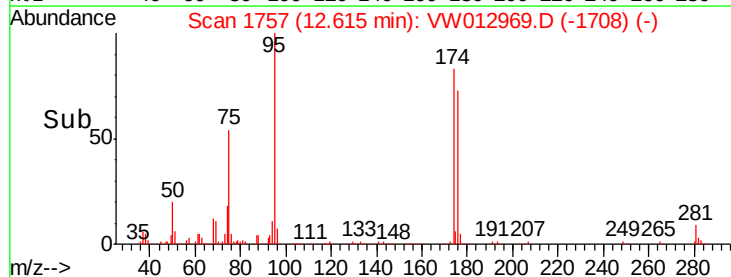
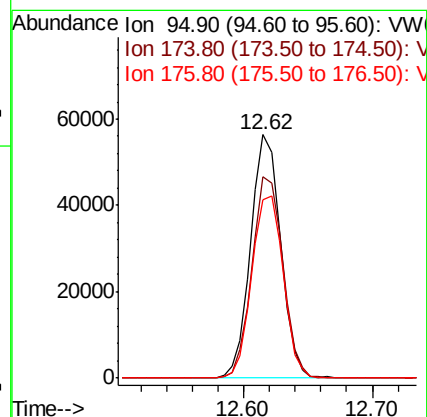
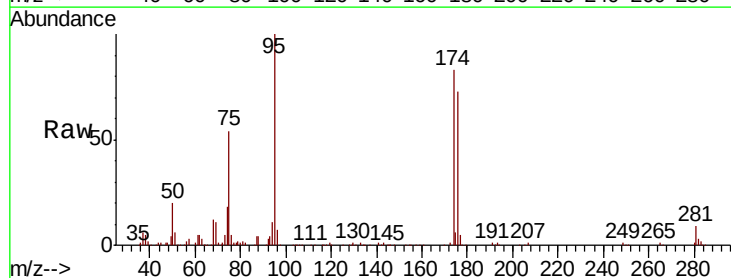
Tgt Ion: 95 Resp: 90422

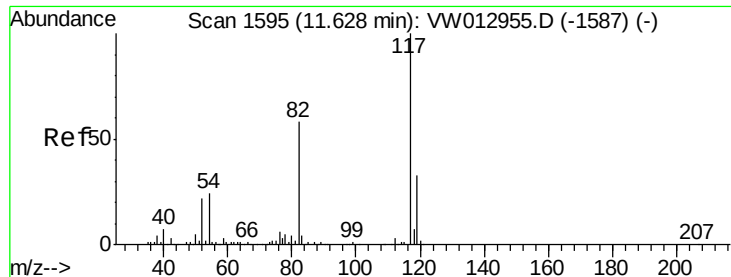
Ion Ratio Lower Upper

95 100

174 85.4 0.0 170.4

176 78.7 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: VW012969.D

Acq: 13 Sep 2019 22:42

Instrument :

MSVOA_W

ClientSampleId :

T4-3-(1.5)-BRUCKNER

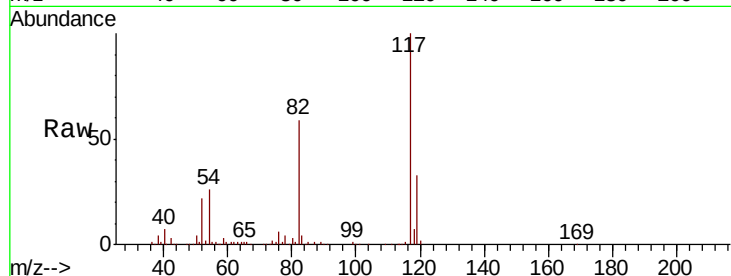
Tgt Ion:117 Resp: 235402

Ion Ratio Lower Upper

117 100

82 59.0 46.3 69.5

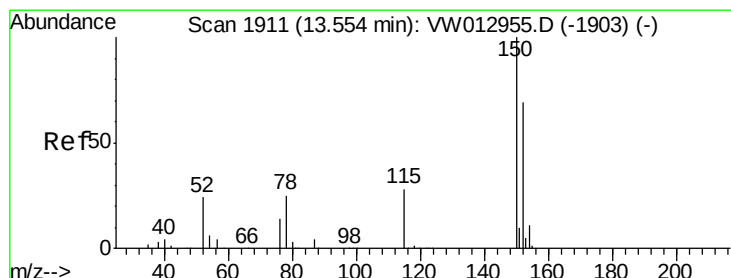
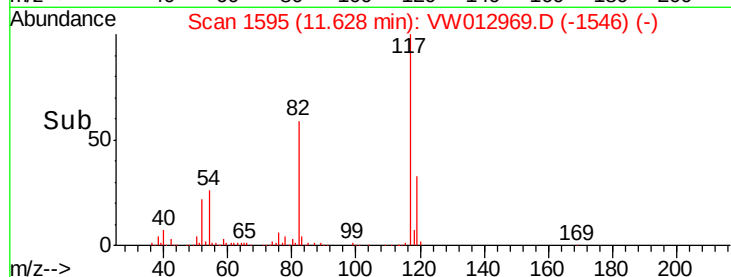
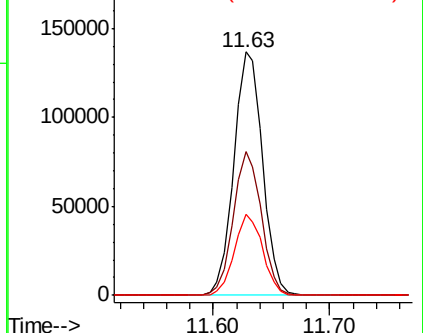
119 33.4 26.2 39.4



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: VW012969.D

Acq: 13 Sep 2019 22:42

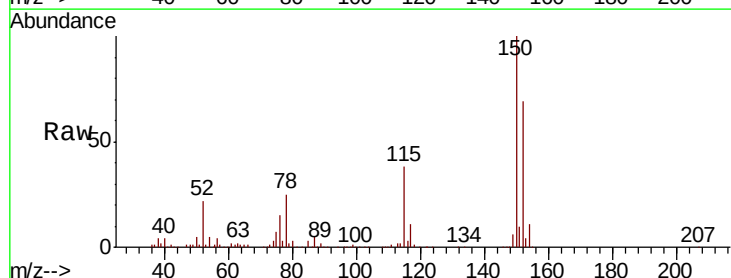
Tgt Ion:152 Resp: 66924

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.4

150 153.2 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

