

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015704.D
 Acq On : 25 Jun 2020 01:30
 Operator : SY/VA
 Sample : L3101-03
 Misc : 6.34G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EBS8-S-02A

Quant Time: Jun 25 04:06:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	178982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	313372	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108493	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	114679	57.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.18%	
35) Dibromofluoromethane	7.88	113	100217	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	10.32	98	393374	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.62	95	118430	41.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.90%	

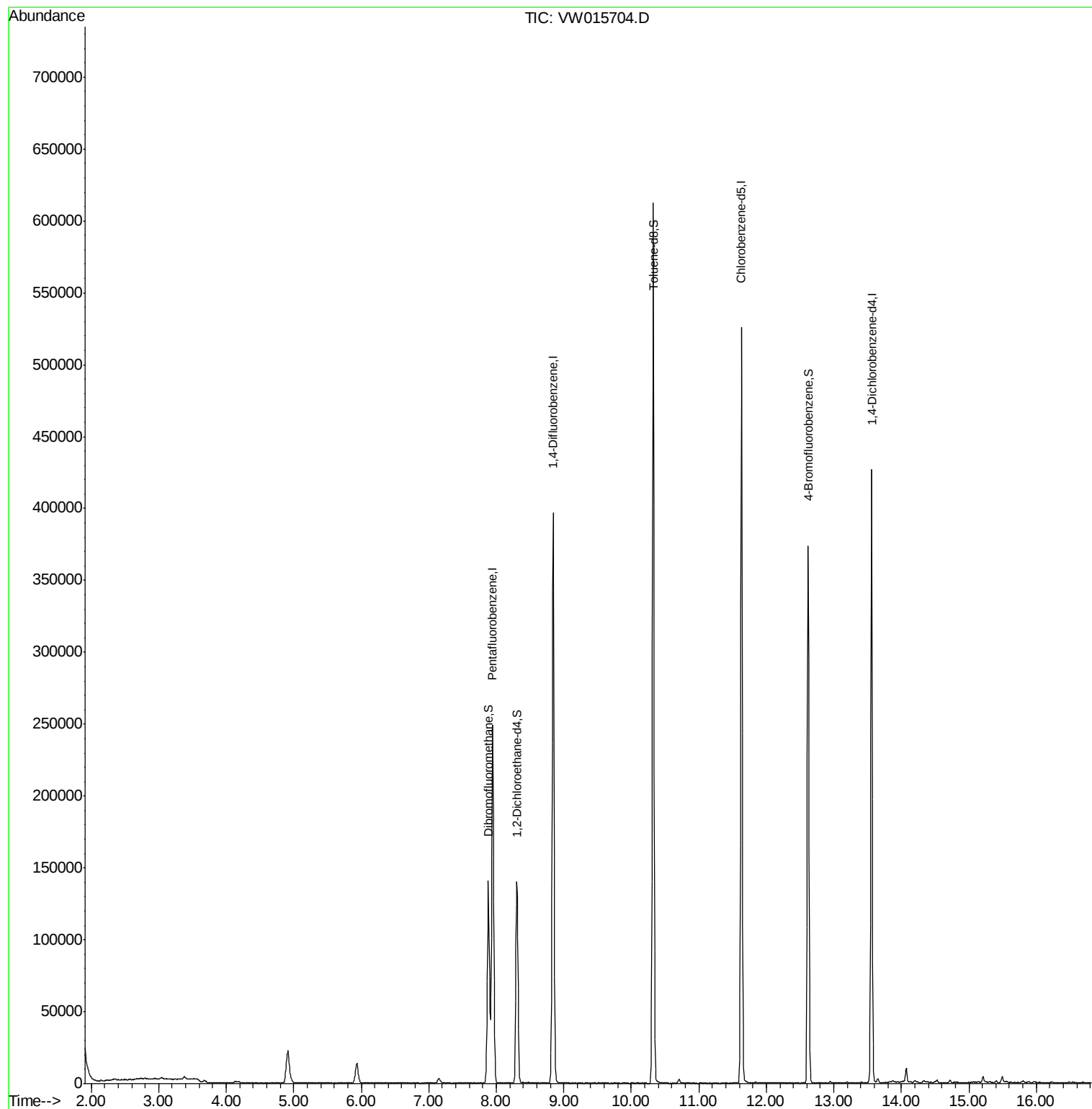
Target Compounds	Qvalue
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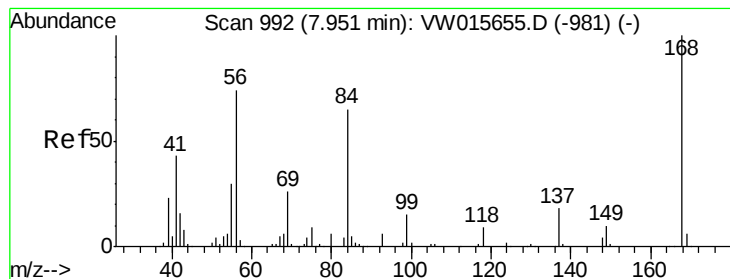
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015704.D

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MSVOA_W

ClientSampleId :

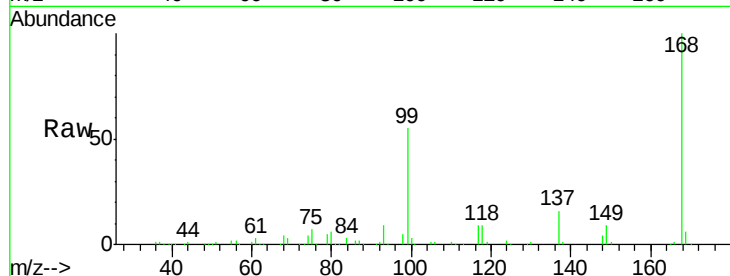
EBS8-S-02A

Tot Ion:168 Resp: 178982

Ion Ratio Lower Upper

168 100

99 54.5 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

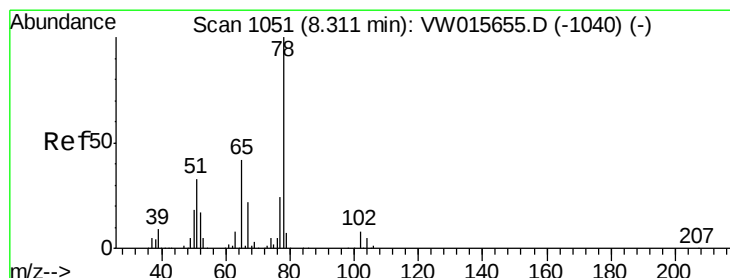
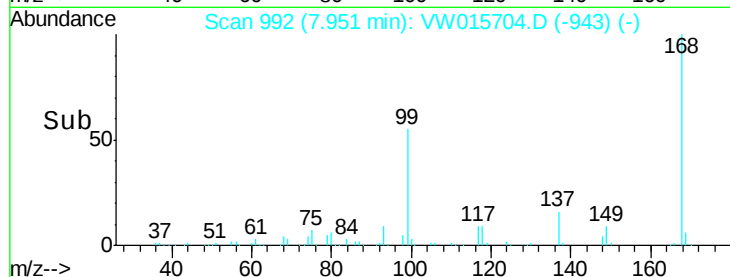
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.587 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015704.D

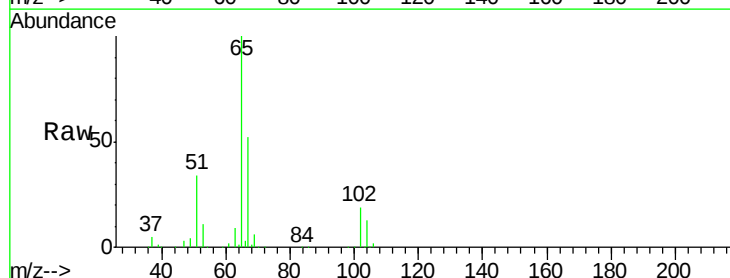
Acq: 25 Jun 2020 01:30

Tgt Ion: 65 Resp: 114679

Ion Ratio Lower Upper

65 100

67 49.7 0.0 102.2



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

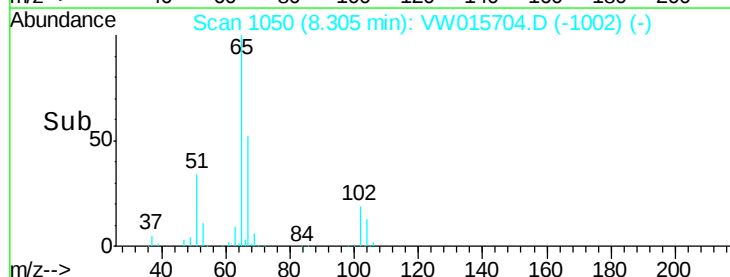
20000

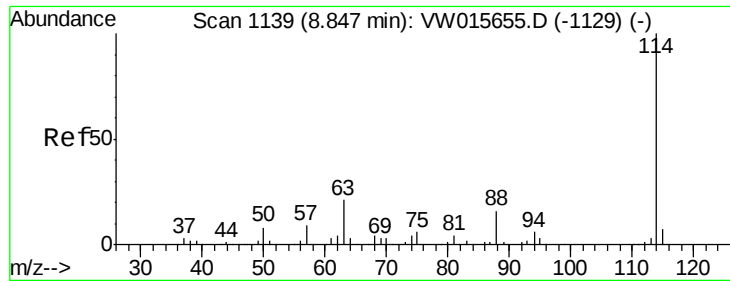
10000

0

8.20 8.30 8.40

Time-->

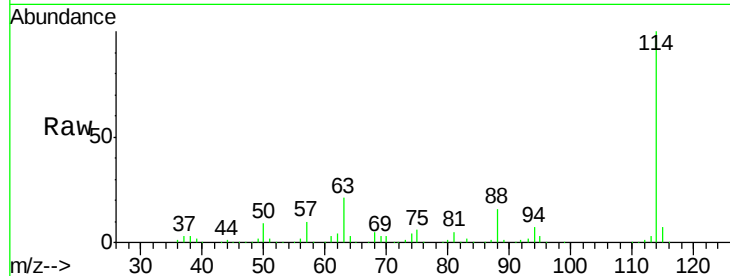




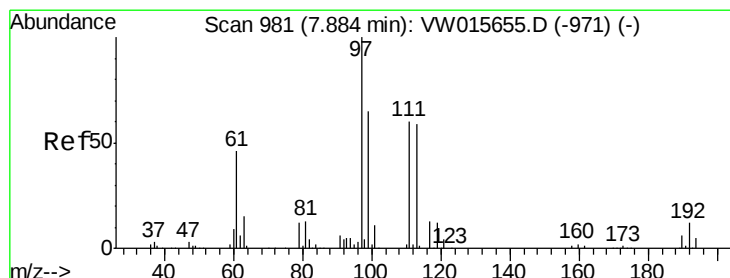
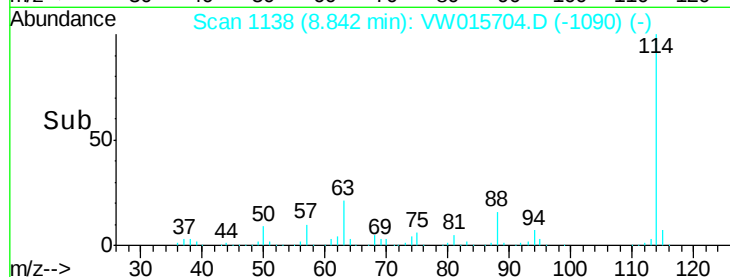
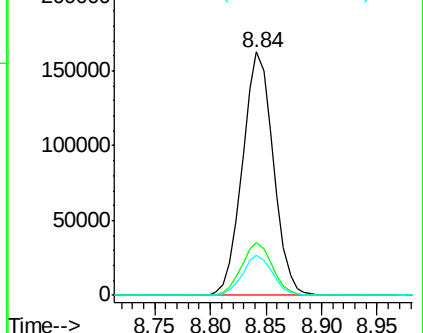
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW015704.D
Acq: 25 Jun 2020 01:30

Instrument :
MSVOA_W
ClientSampleId :
EBS8-S-02A

Tot Ion:114 Resp: 313372
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.4
88 16.5 0.0 32.6

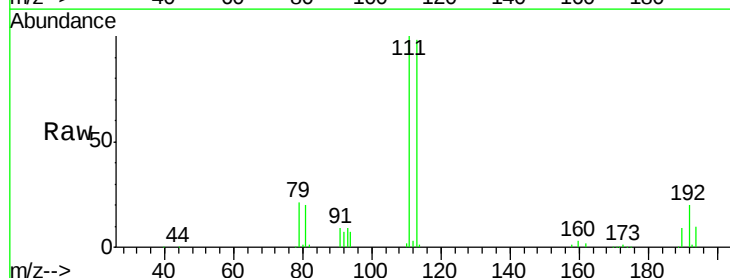


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

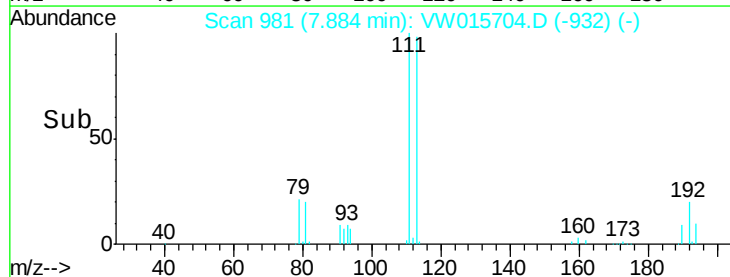
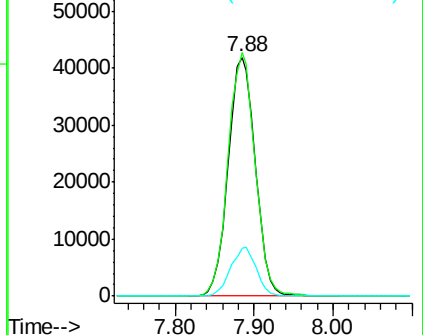


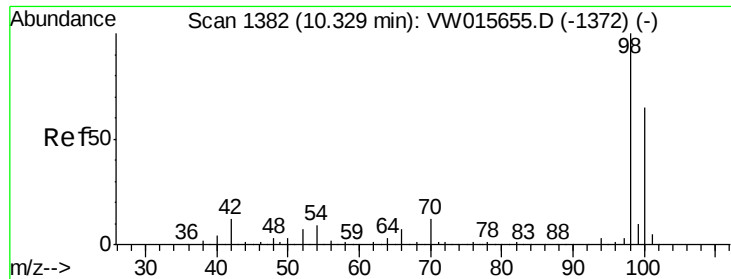
#35
Dibromofluoromethane
Concen: 50.841 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015704.D
Acq: 25 Jun 2020 01:30

Tgt Ion:113 Resp: 100217
Ion Ratio Lower Upper
113 100
111 101.6 82.3 123.5
192 19.4 16.4 24.6



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: 50.709 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015704.D

Acq: 25 Jun 2020 01:30

Instrument :

MSVOA_W

ClientSampleId :

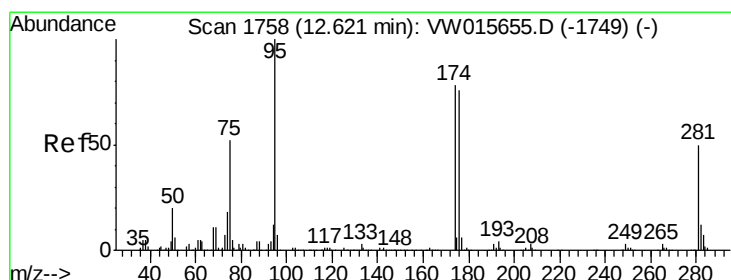
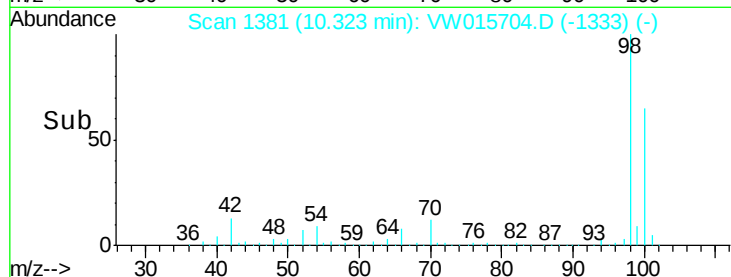
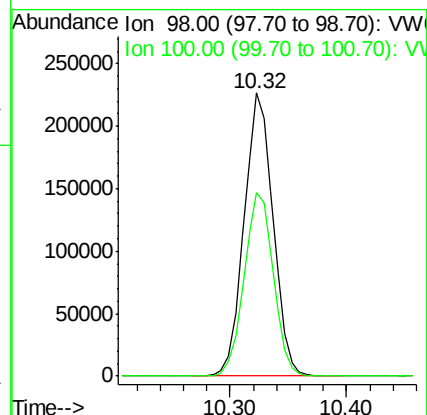
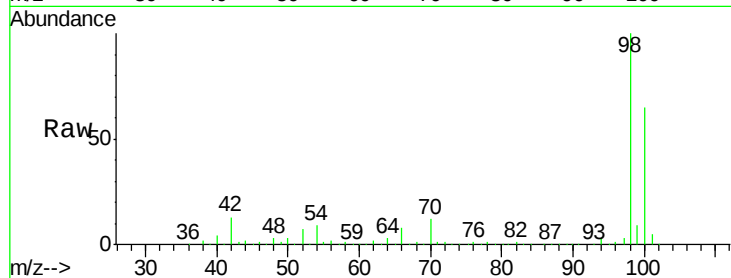
EBS8-S-02A

Tot Ion: 98 Resp: 393374

Ion Ratio Lower Upper

98 100

100 65.4 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 41.454 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015704.D

Acq: 25 Jun 2020 01:30

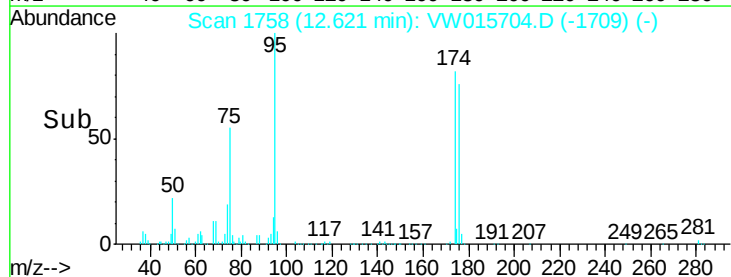
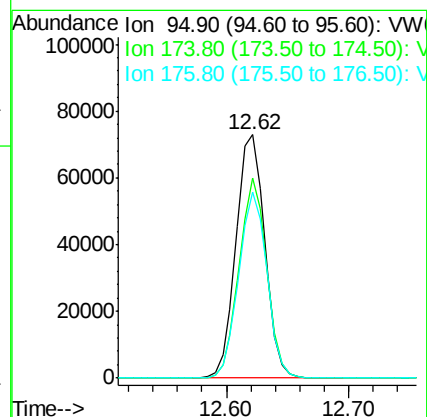
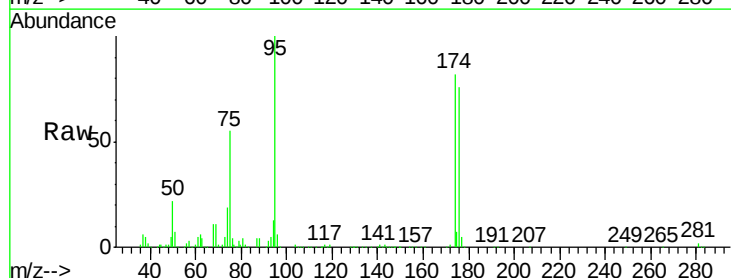
Tgt Ion: 95 Resp: 118430

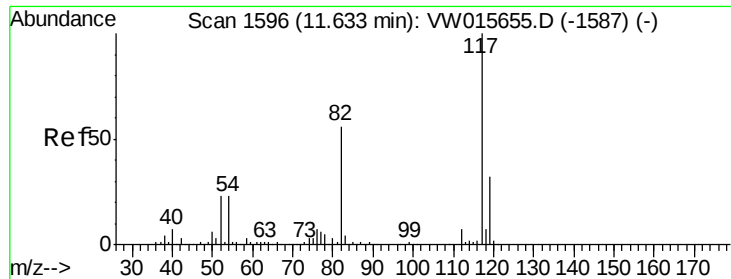
Ion Ratio Lower Upper

95 100

174 79.1 0.0 157.0

176 75.0 0.0 151.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015704.D

Acq: 25 Jun 2020 01:30

Instrument :

MSVOA_W

ClientSampleId :

EBS8-S-02A

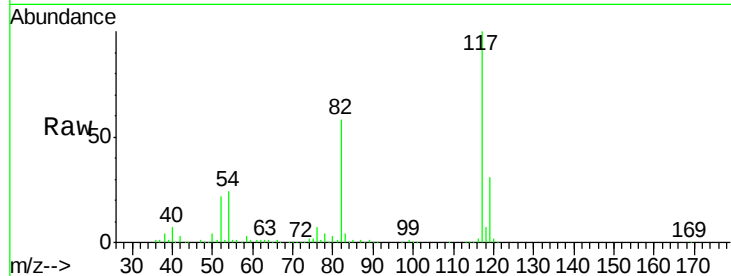
Tot Ion:117 Resp: 278982

Ion Ratio Lower Upper

117 100

82 57.9 45.1 67.7

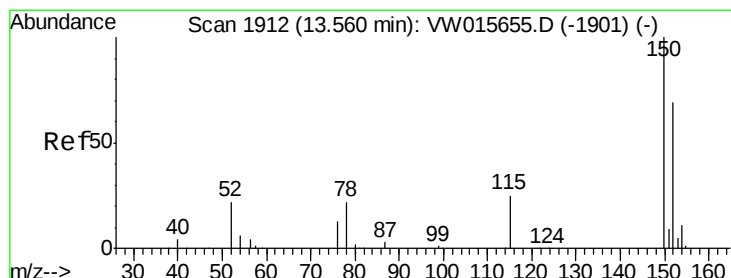
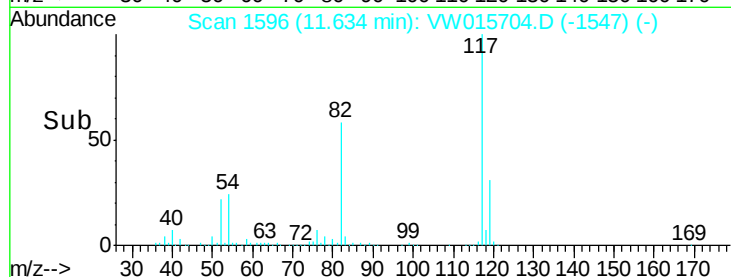
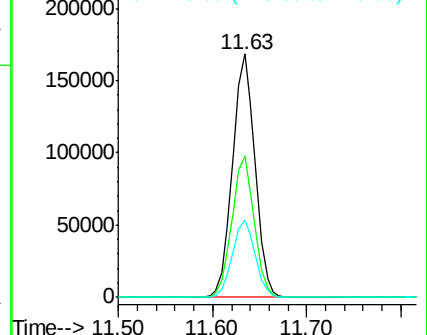
119 31.4 25.8 38.8



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. 0.00 min

Lab File: VW015704.D

Acq: 25 Jun 2020 01:30

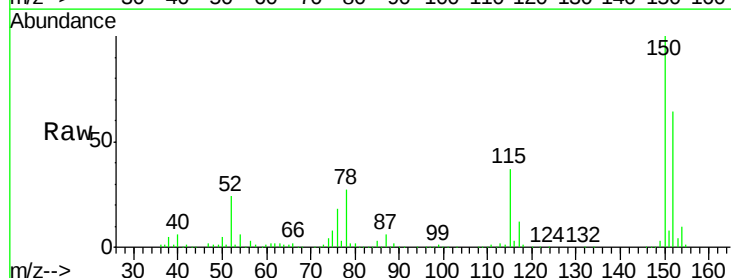
Tgt Ion:152 Resp: 108493

Ion Ratio Lower Upper

152 100

115 59.0 30.1 90.5

150 156.2 0.0 345.6



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

