

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015730.D
 Acq On : 25 Jun 2020 15:49
 Operator : SY/VA
 Sample : L3113-01
 Misc : 6.44G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DRUM-COMP

Quant Time: Jun 26 03:22:43 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	152146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	253297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	234362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	103947	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	95651	56.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.00%	
35) Dibromofluoromethane	7.89	113	81089	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
50) Toluene-d8	10.32	98	314753	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.62	95	105481	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	

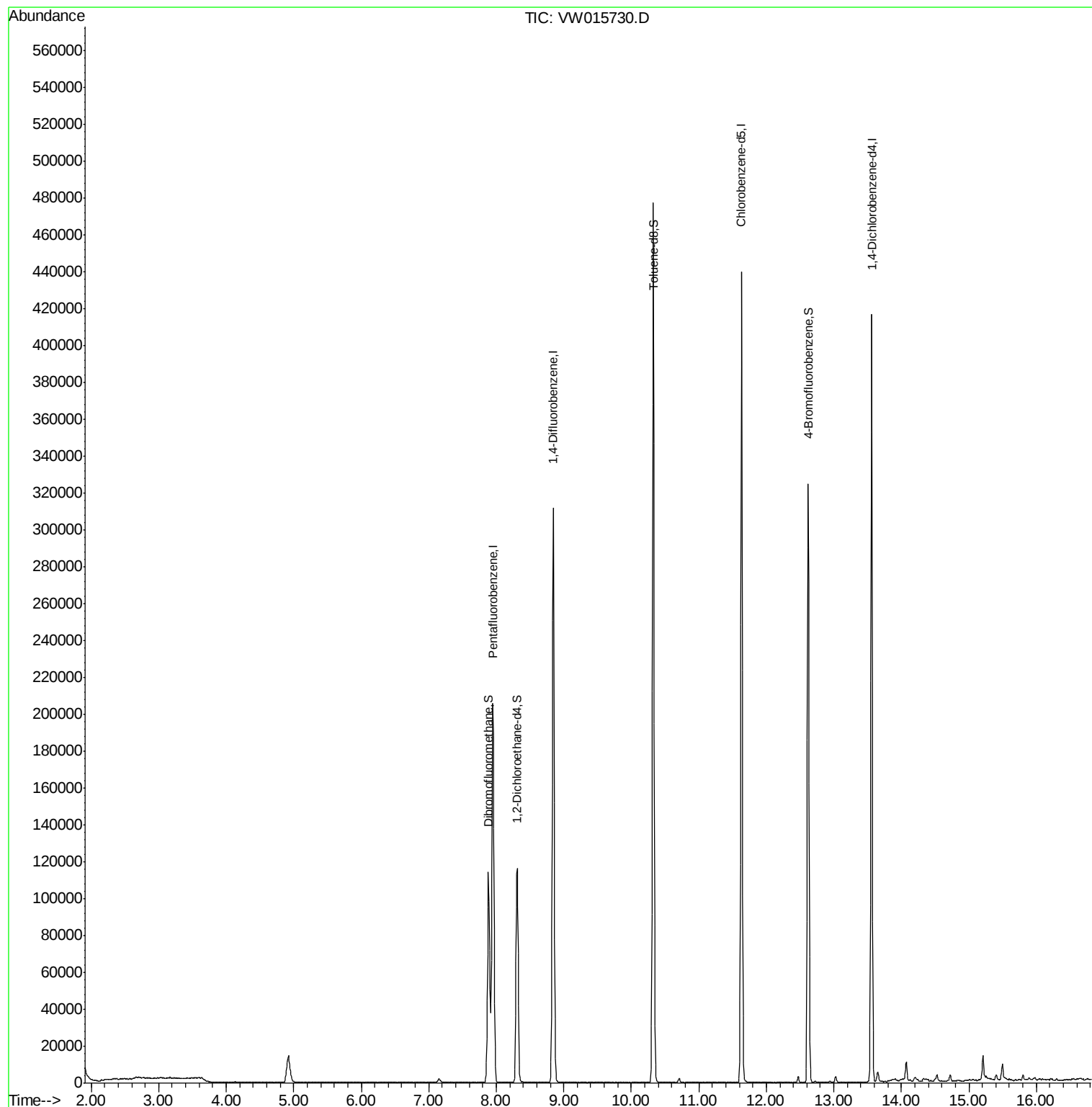
Target Compounds	Qvalue
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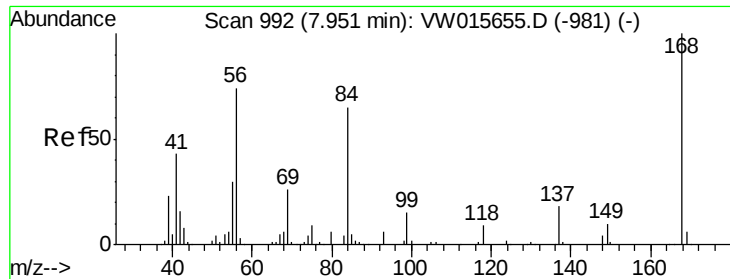
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015730.D

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Instrument :

MSVOA_W

ClientSampleId :

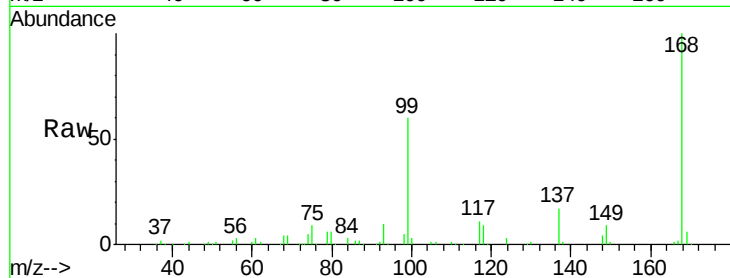
DRUM-COMP

Tot Ion:168 Resp: 152146

Ion Ratio Lower Upper

168 100

99 60.2 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

60000

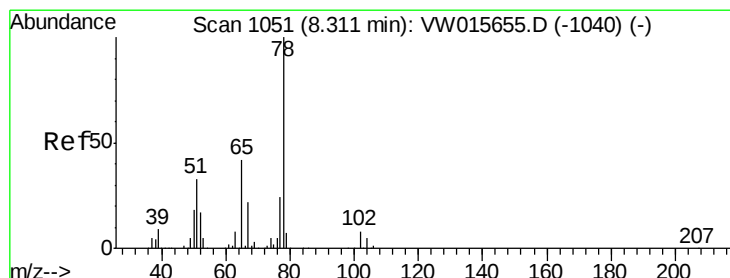
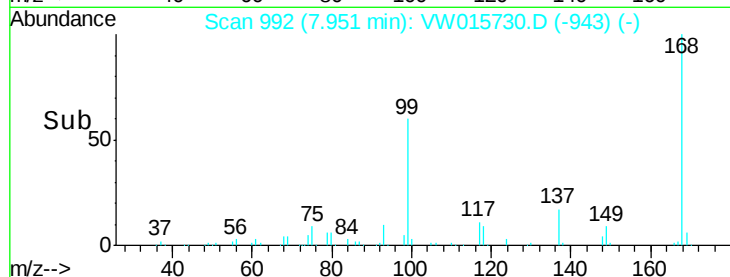
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.504 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015730.D

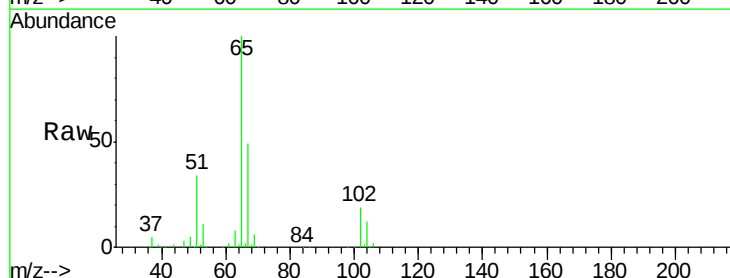
Acq: 25 Jun 2020 15:49

Tgt Ion: 65 Resp: 95651

Ion Ratio Lower Upper

65 100

67 50.7 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

50000

40000

30000

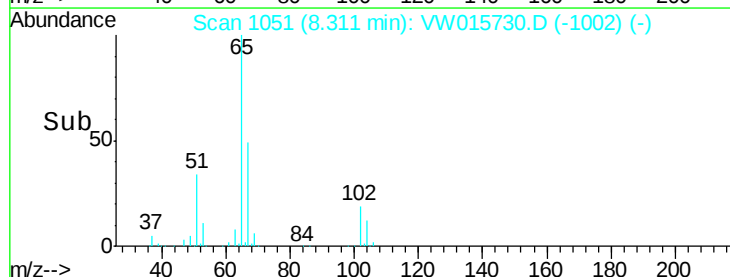
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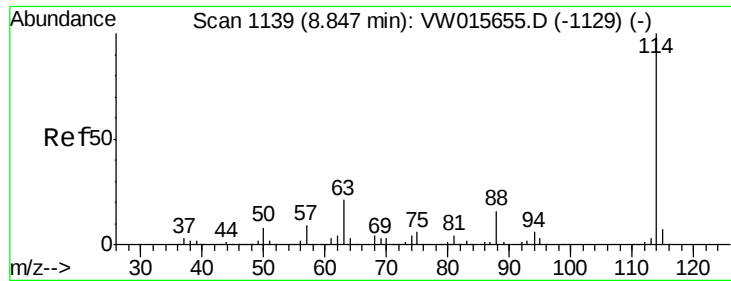
10000

0

8.20 8.30 8.40

Time-->

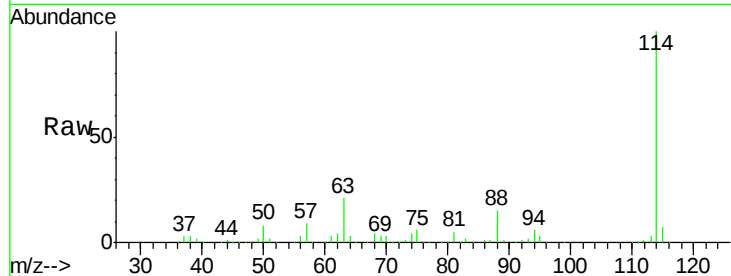




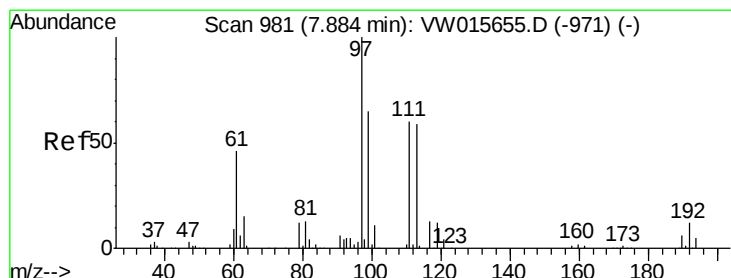
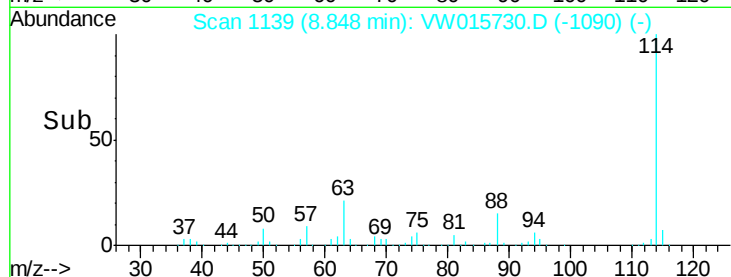
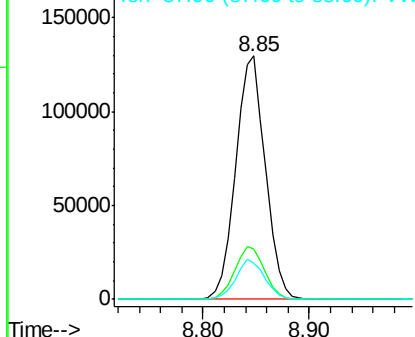
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW015730.D
 Acq: 25 Jun 2020 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 DRUM-COMP

Tot Ion:114 Resp: 253297
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.4
 88 15.1 0.0 32.6

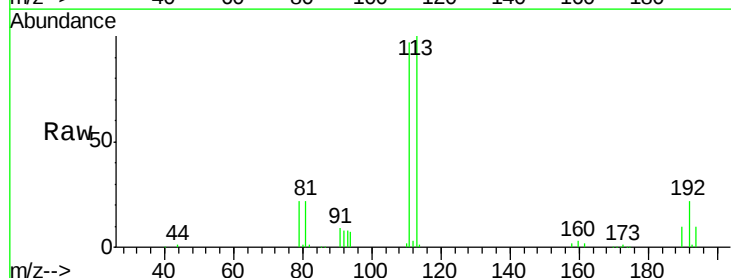


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

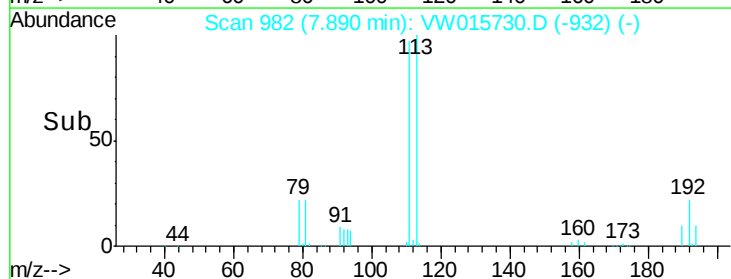
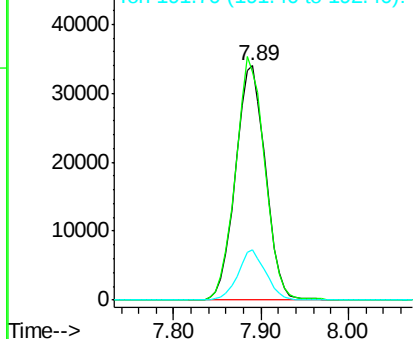


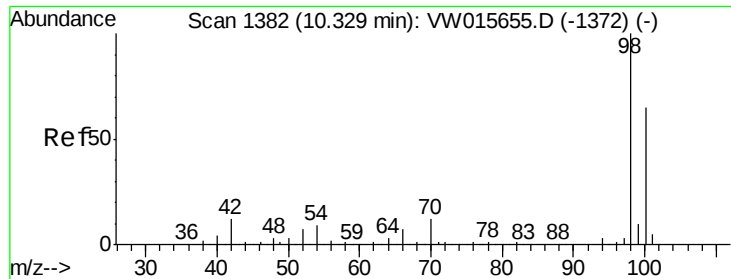
#35
 Dibromofluoromethane
 Concen: 50.893 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW015730.D
 Acq: 25 Jun 2020 15:49

Tgt Ion:113 Resp: 81089
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.3 123.5
 192 19.8 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: 50.197 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015730.D

Acq: 25 Jun 2020 15:49

Instrument :

MSVOA_W

ClientSampleId :

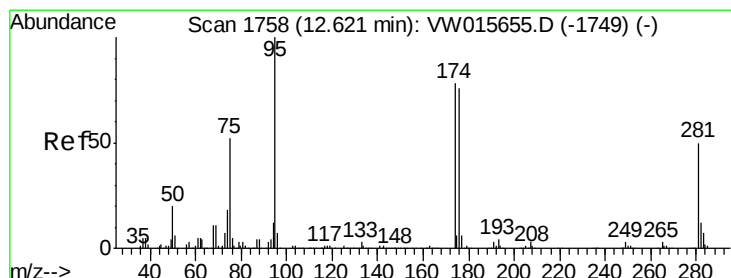
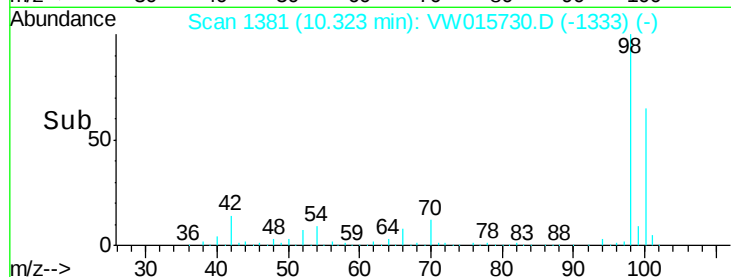
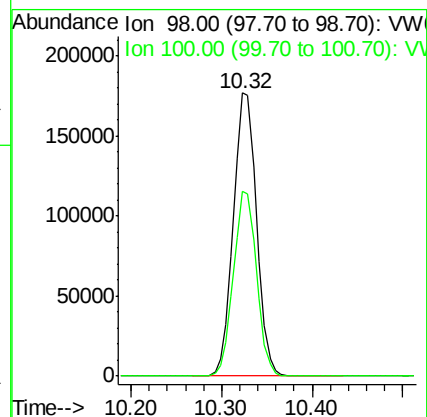
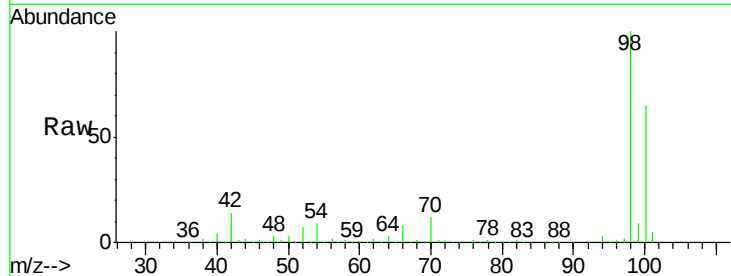
DRUM-COMP

Tot Ion: 98 Resp: 314753

Ion Ratio Lower Upper

98 100

100 65.1 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 45.679 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015730.D

Acq: 25 Jun 2020 15:49

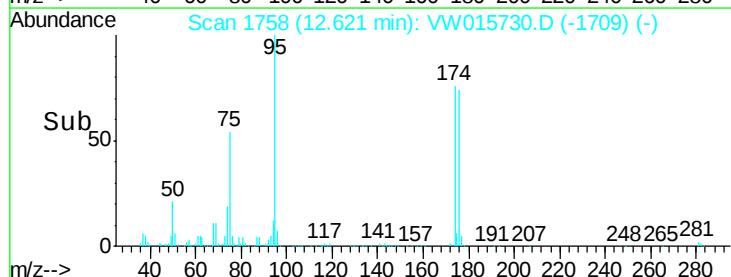
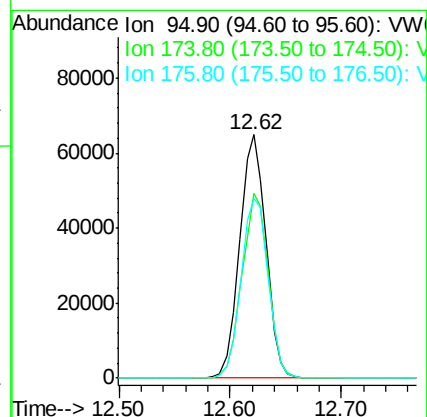
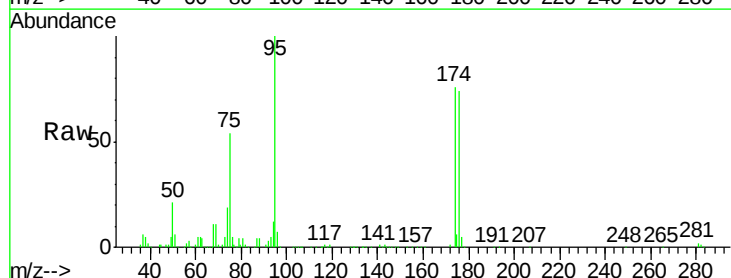
Tgt Ion: 95 Resp: 105481

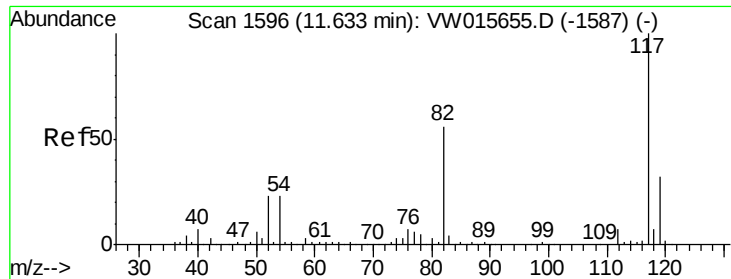
Ion Ratio Lower Upper

95 100

174 76.5 0.0 157.0

176 76.4 0.0 151.4

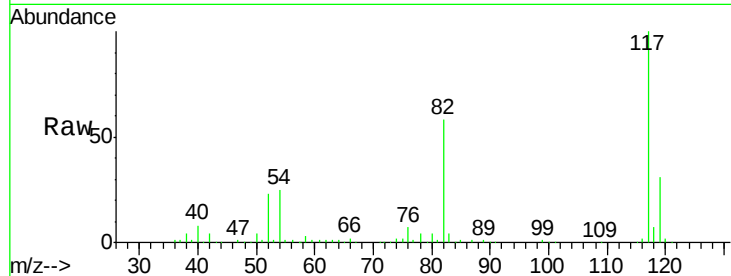




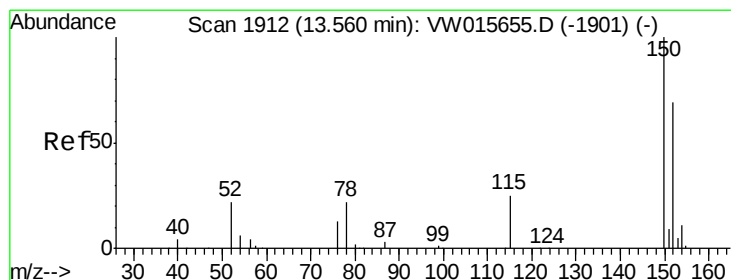
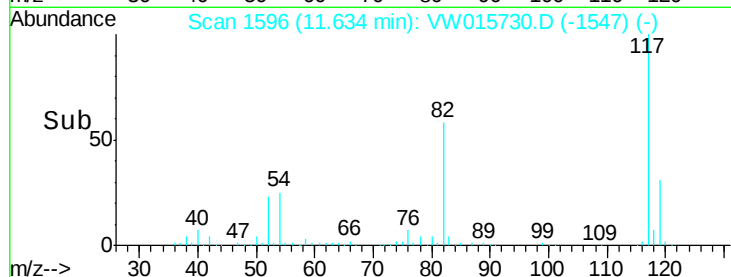
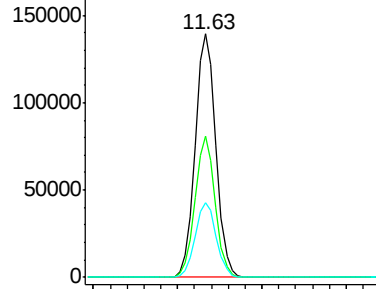
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015730.D
Acq: 25 Jun 2020 15:49

Instrument :
MSVOA_W
ClientSampleId :
DRUM-COMP

Tot Ion:117 Resp: 234362
Ion Ratio Lower Upper
117 100
82 57.8 45.1 67.7
119 30.7 25.8 38.8

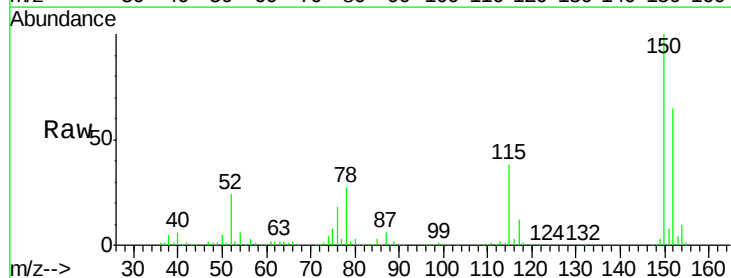


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015730.D
Acq: 25 Jun 2020 15:49

Tgt Ion:152 Resp: 103947
Ion Ratio Lower Upper
152 100
115 59.9 30.1 90.5
150 156.1 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

