

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015727.D
 Acq On : 25 Jun 2020 14:31
 Operator : SY/VA
 Sample : L3099-03
 Misc : 8.03G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Quant Time: Jun 26 02:53:55 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	156826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	264464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	244937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	111353	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	99624	57.09	ug/l	0.00
Spiked Amount			Recovery	=	114.18%	
35) Dibromofluoromethane	7.89	113	81953	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
50) Toluene-d8	10.33	98	325568	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.62	95	112195	46.53	ug/l	0.00
Spiked Amount			Recovery	=	93.06%	

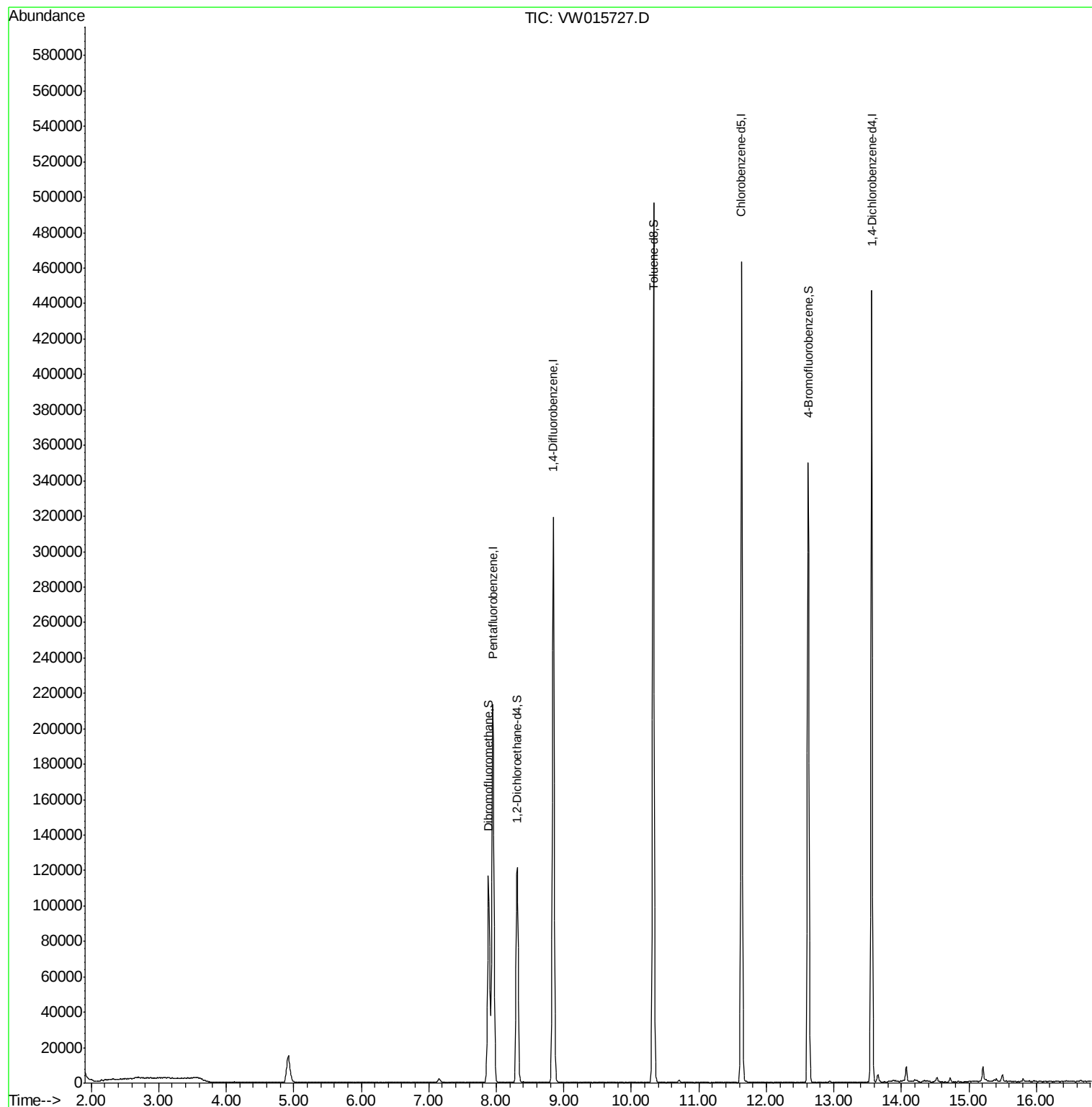
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015727.D

Acq: 25 Jun 2020 14:31

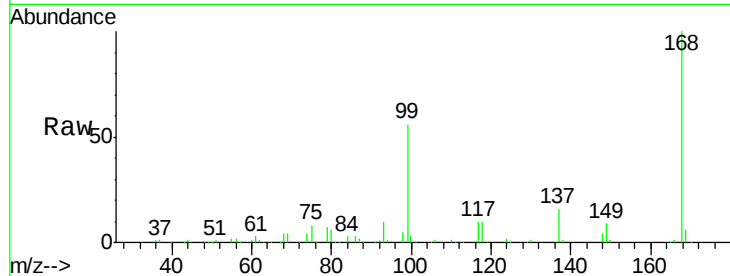
Instrument :
MSVOA_W
ClientSampled :
TP-4

Tot Ion:168 Resp: 156826

Ion Ratio Lower Upper

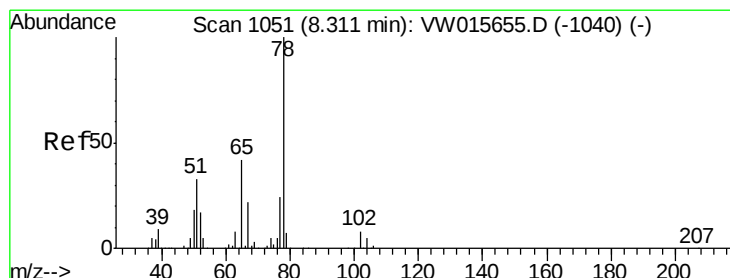
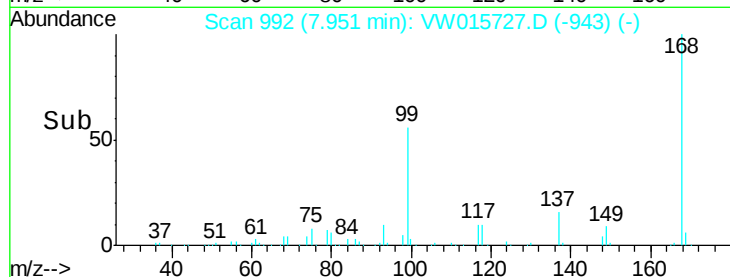
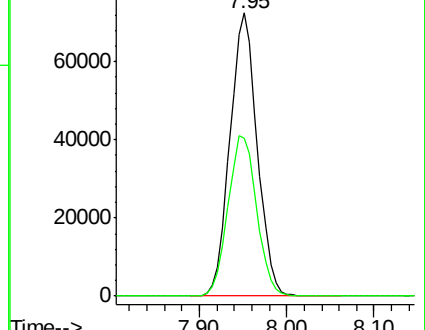
168 100

99 56.0 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 57.094 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW015727.D

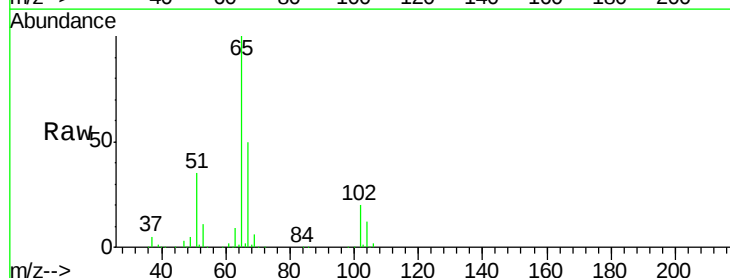
Acq: 25 Jun 2020 14:31

Tgt Ion: 65 Resp: 99624

Ion Ratio Lower Upper

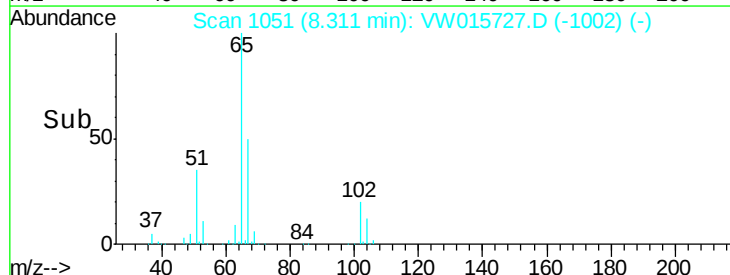
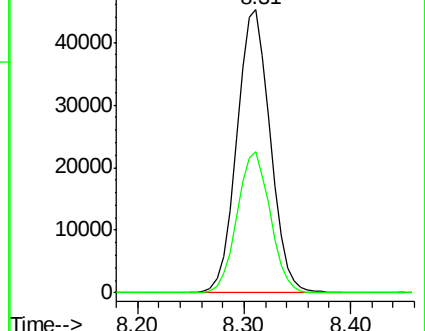
65 100

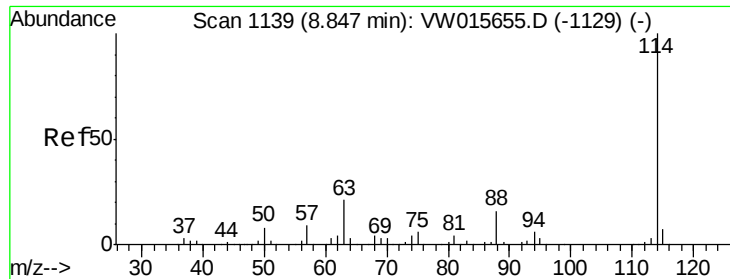
67 49.7 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

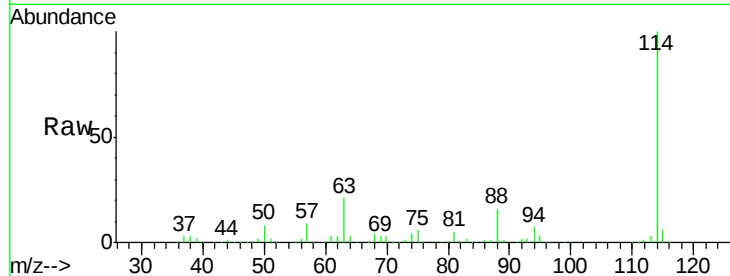




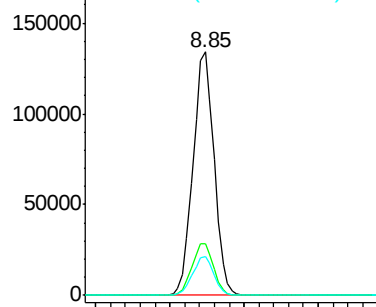
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW015727.D
 Acq: 25 Jun 2020 14:31

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

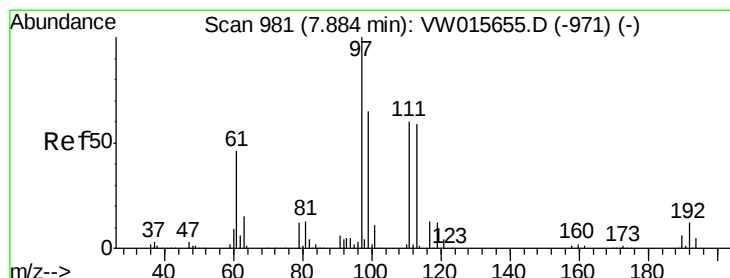
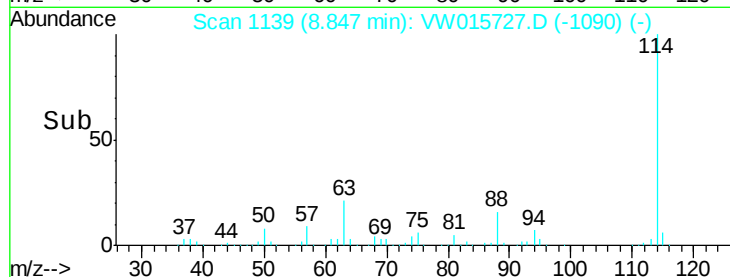
Tot Ion:114 Resp: 264464
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 15.9 0.0 32.6



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

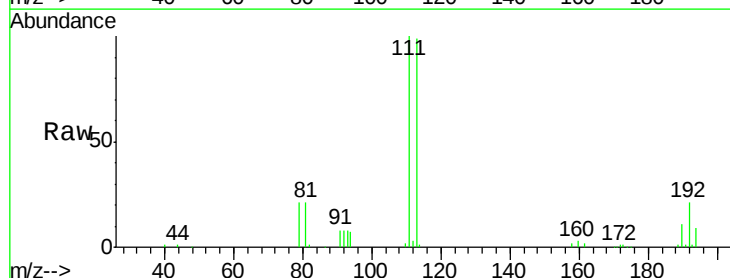


Time--> 8.70 8.80 8.90 9.00

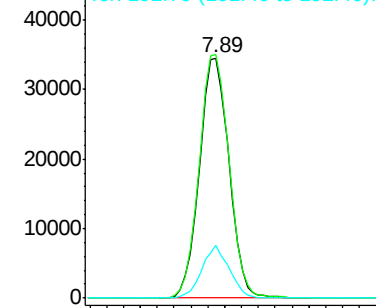


#35
 Dibromofluoromethane
 Concen: 49.264 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW015727.D
 Acq: 25 Jun 2020 14:31

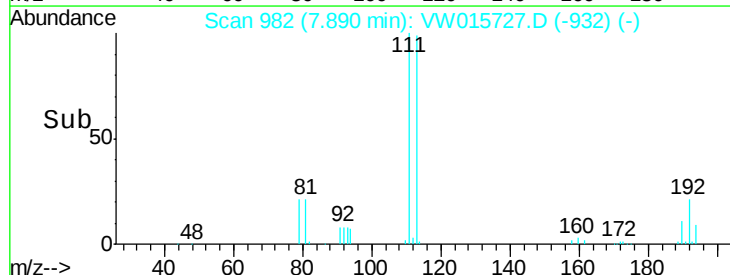
Tgt Ion:113 Resp: 81953
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.3 123.5
 192 20.2 16.4 24.6

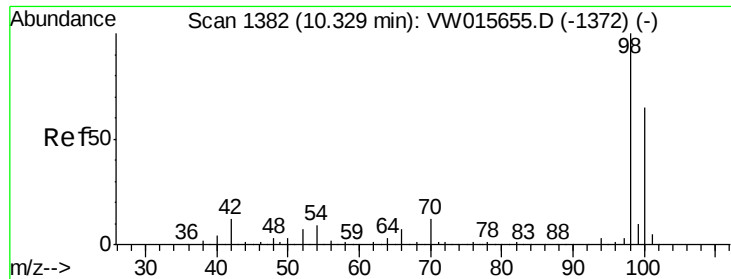


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time--> 7.80 7.90 8.00





#50

Toluene-d8

Concen: 49.730 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW015727.D

Acq: 25 Jun 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

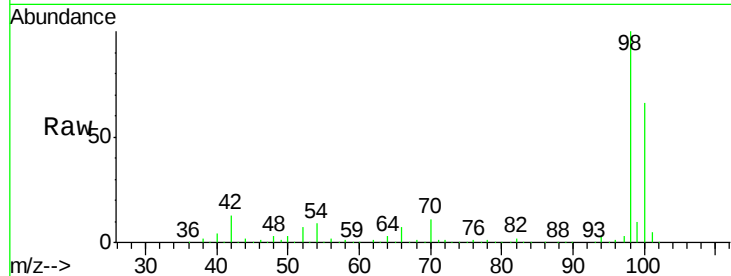
TP-4

Tot Ion: 98 Resp: 325568

Ion Ratio Lower Upper

98 100

100 65.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

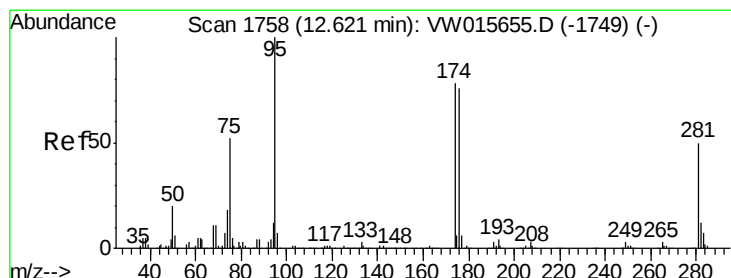
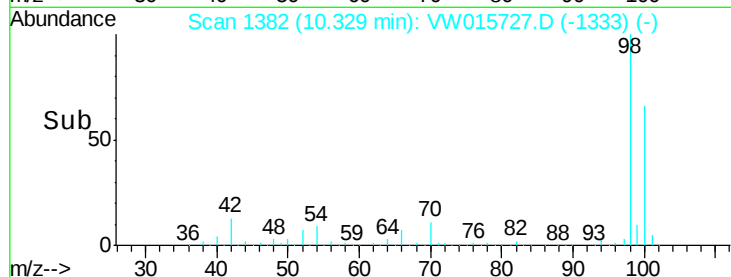
150000

100000

50000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 46.535 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW015727.D

Acq: 25 Jun 2020 14:31

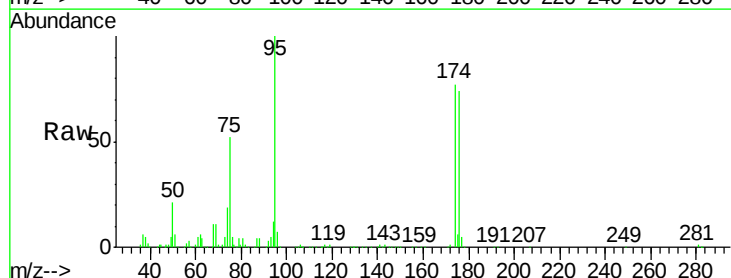
Tgt Ion: 95 Resp: 112195

Ion Ratio Lower Upper

95 100

174 78.5 0.0 157.0

176 75.9 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

80000

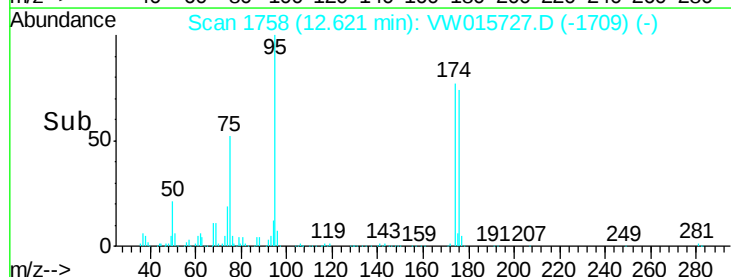
60000

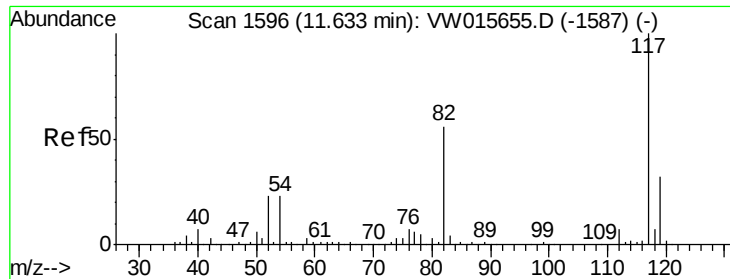
40000

20000

0

Time--> 12.60 12.70





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW015727.D

Acq: 25 Jun 2020 14:31

Instrument :

MSVOA_W

ClientSampled :

TP-4

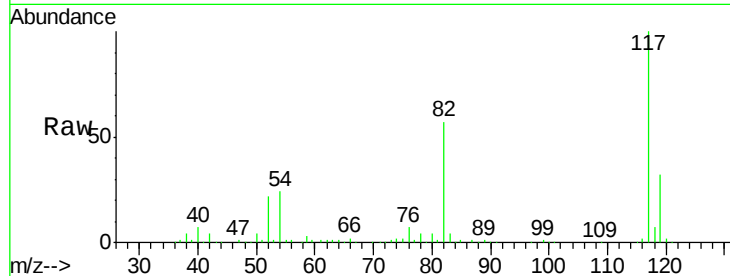
Tot Ion:117 Resp: 244937

Ion Ratio Lower Upper

117 100

82 56.8 45.1 67.7

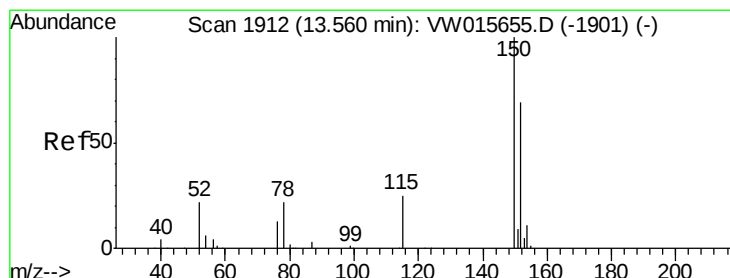
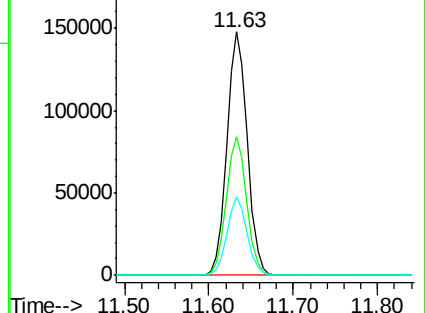
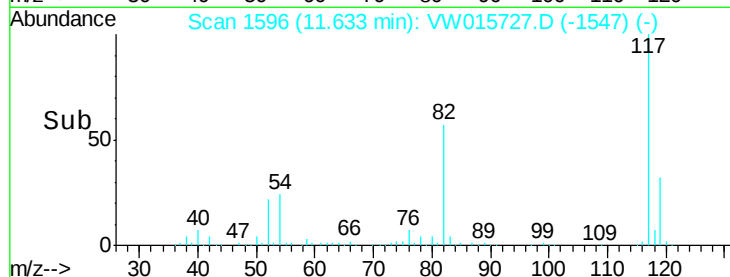
119 32.1 25.8 38.8



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: VW015727.D

Acq: 25 Jun 2020 14:31

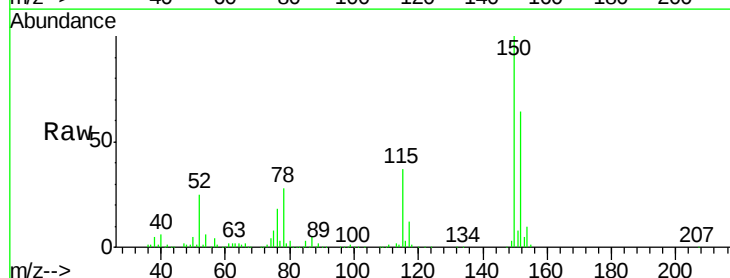
Tgt Ion:152 Resp: 111353

Ion Ratio Lower Upper

152 100

115 59.4 30.1 90.5

150 156.7 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

