

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015668.D
 Acq On : 23 Jun 2020 18:05
 Operator : SY/VA
 Sample : L3096-02
 Misc : 5.28G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-03-011-A

Quant Time: Jun 24 04:00:08 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	157696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	278467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	250263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	107450	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	100938	57.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.06%	
35) Dibromofluoromethane	7.88	113	88910	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.32	98	344333	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.62	95	111552	43.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.88%	

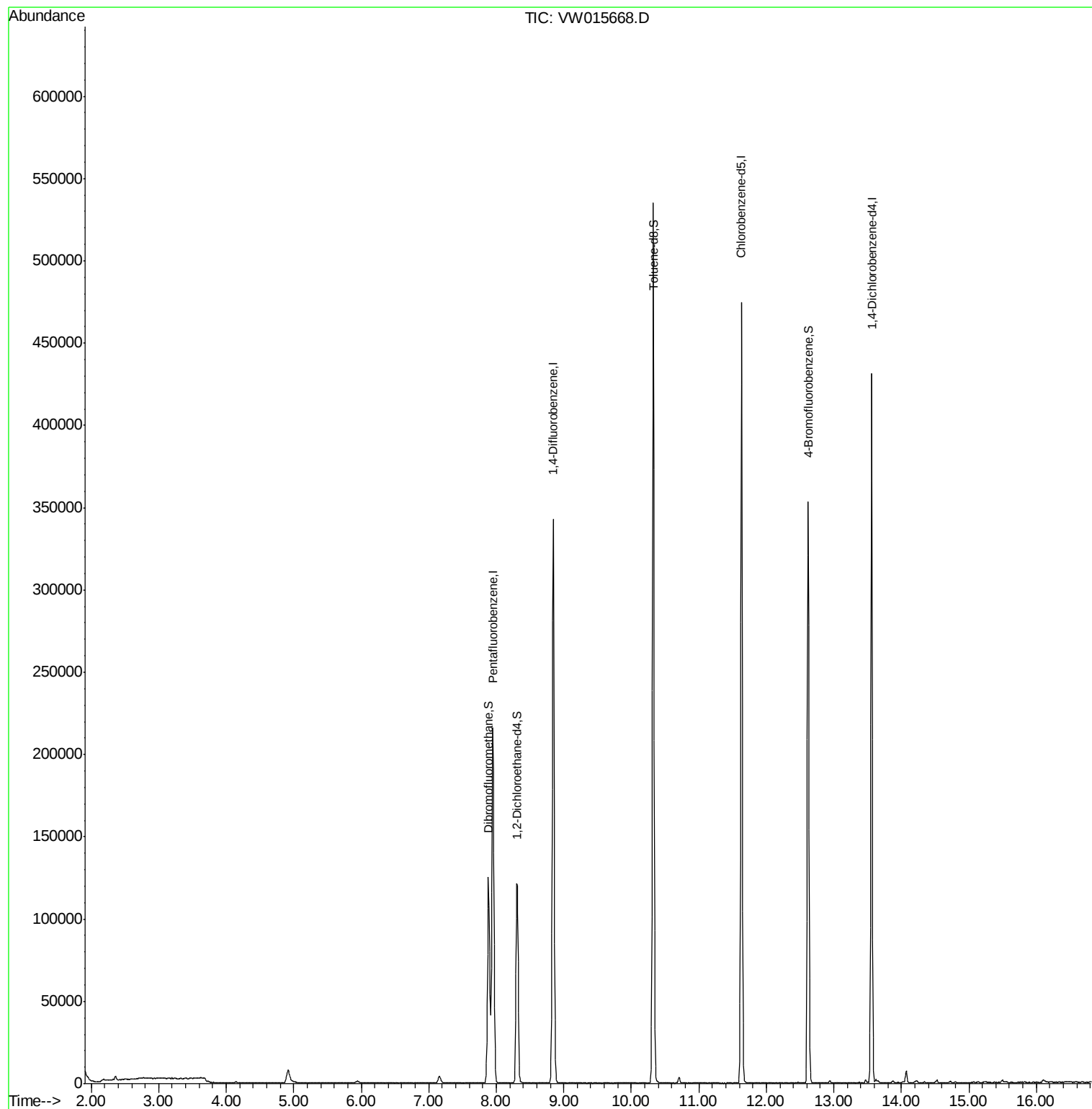
Target Compounds	Qvalue

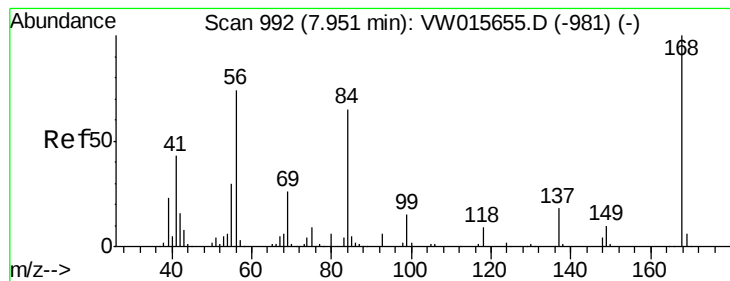
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062320\
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Quant Title : SW846 8260
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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: VW015668.D

Acq: 23 Jun 2020 18:05

Instrument :

MSVOA_W

ClientSampleId :

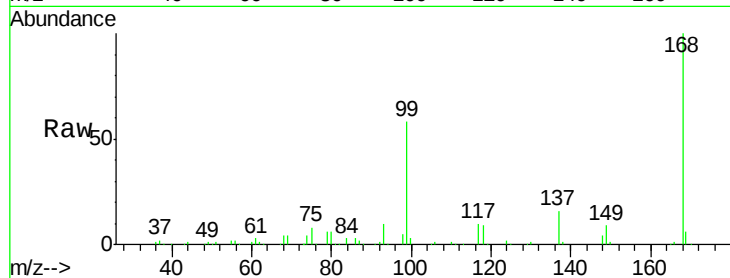
FK-GF-03-011-A

Tot Ion:168 Resp: 157696

Ion Ratio Lower Upper

168 100

99 57.9 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

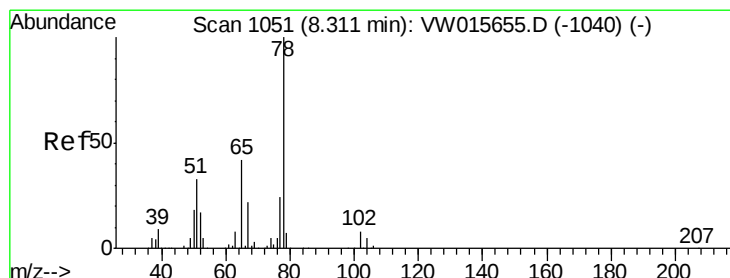
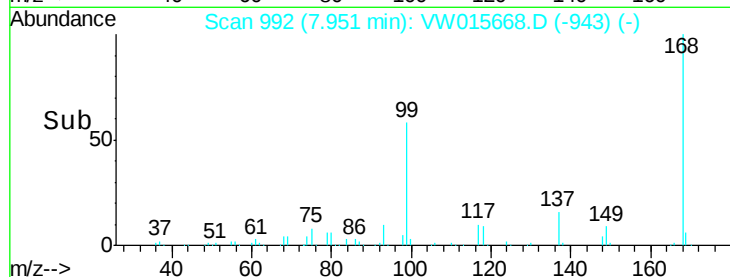
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 57.528 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015668.D

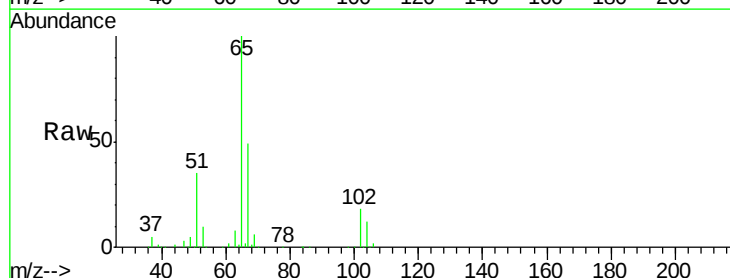
Acq: 23 Jun 2020 18:05

Tgt Ion: 65 Resp: 100938

Ion Ratio Lower Upper

65 100

67 50.0 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

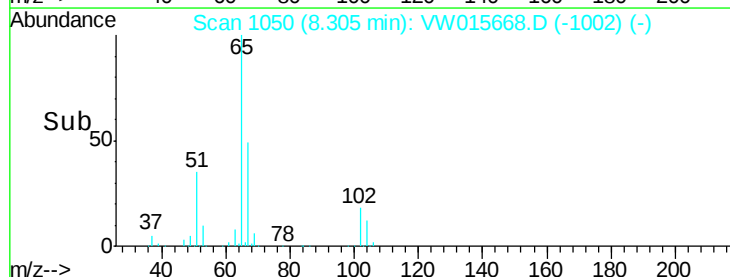
30000

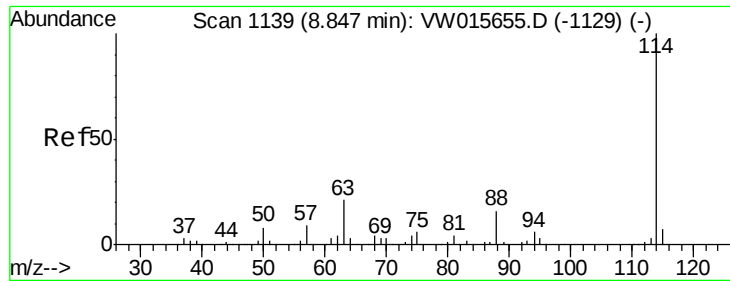
20000

10000

0

Time--> 8.20 8.30 8.40

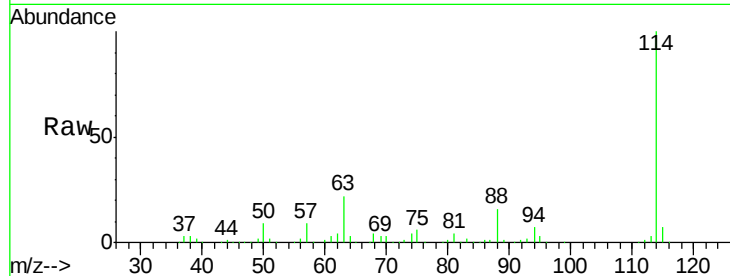




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW015668.D
Acq: 23 Jun 2020 18:05

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-03-011-A

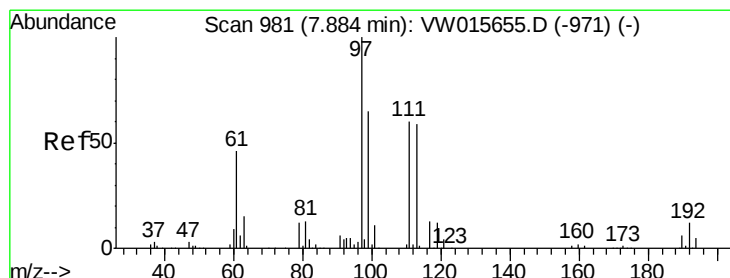
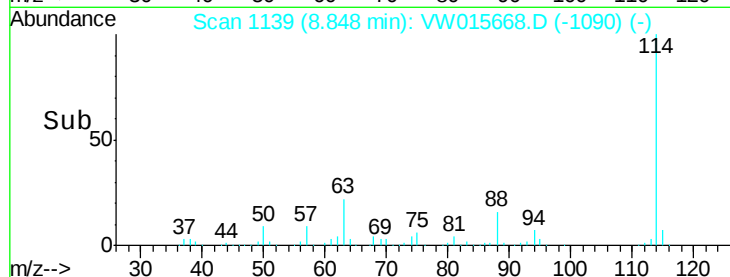
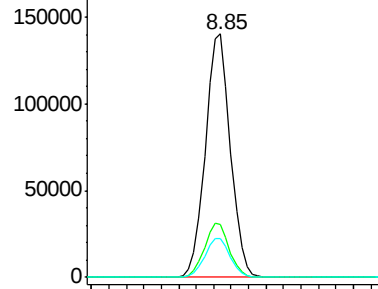
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	42.4
88	16.0	0.0	32.6



Abundance Ion 113.90 (113.60 to 114.60): V

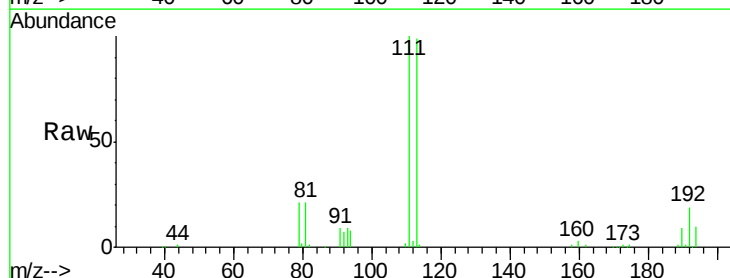
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
Dibromofluoromethane
Concen: 50.758 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015668.D
Acq: 23 Jun 2020 18:05

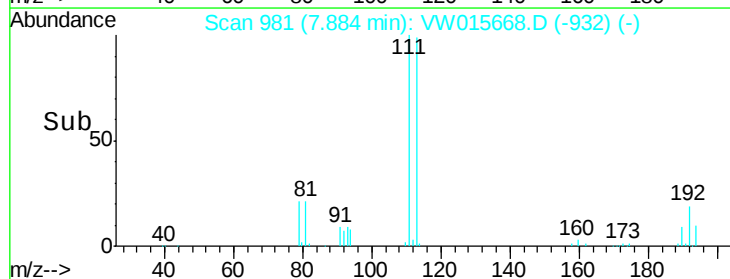
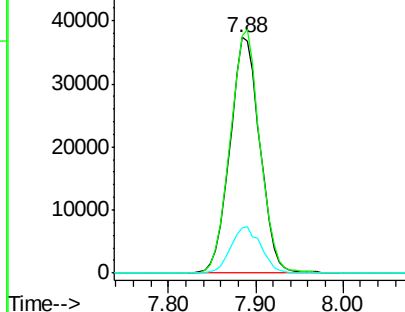
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.3	123.5
192	19.6	16.4	24.6

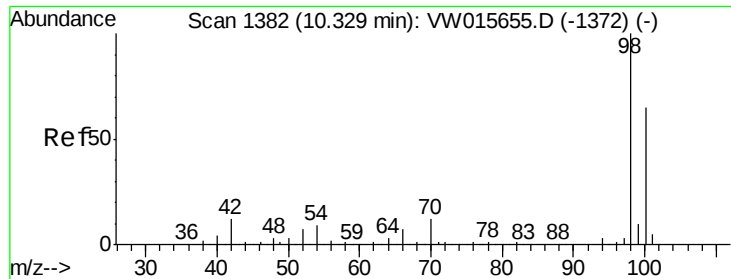


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.951 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015668.D

Acq: 23 Jun 2020 18:05

Instrument :

MSVOA_W

ClientSampleId :

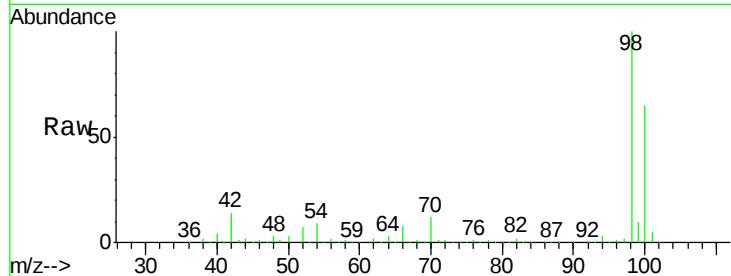
FK-GF-03-011-A

Tot Ion: 98 Resp: 344333

Ion Ratio Lower Upper

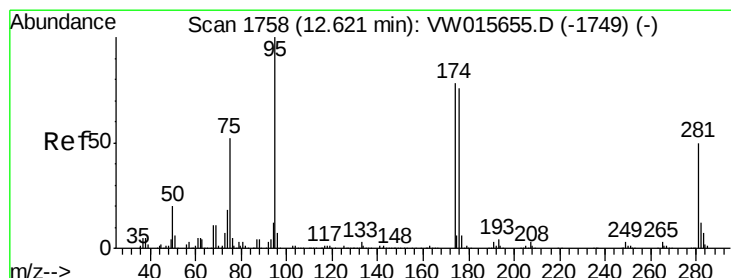
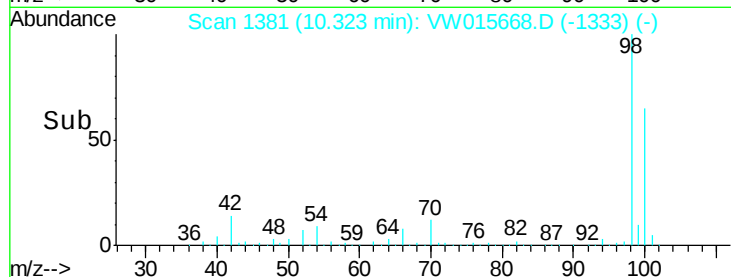
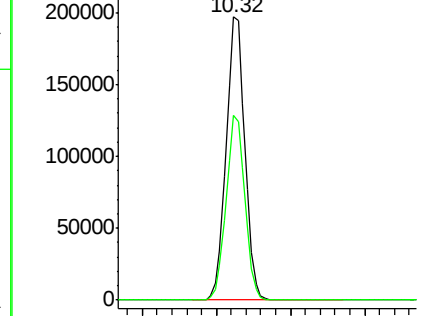
98 100

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



#62

4-Bromofluorobenzene

Concen: 43.941 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015668.D

Acq: 23 Jun 2020 18:05

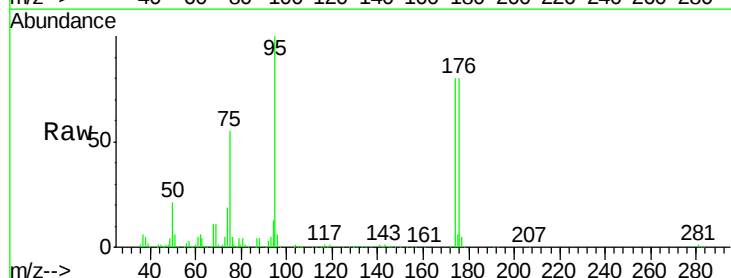
Tgt Ion: 95 Resp: 111552

Ion Ratio Lower Upper

95 100

174 79.0 0.0 157.0

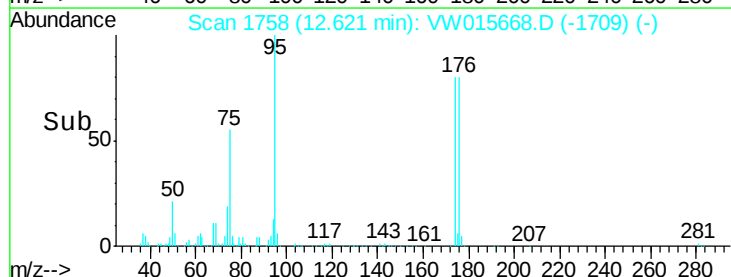
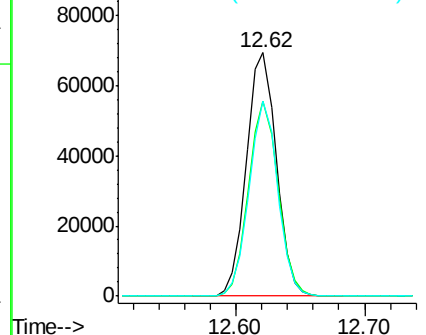
176 76.4 0.0 151.4

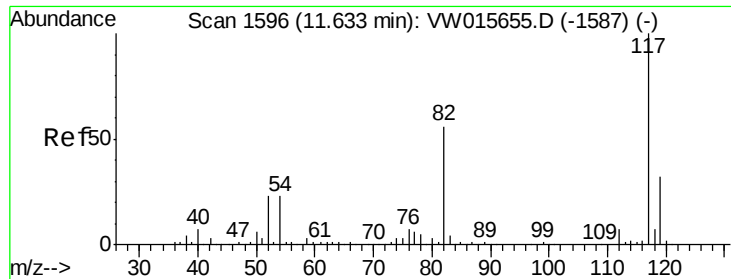


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015668.D

Acq: 23 Jun 2020 18:05

Instrument :

MSVOA_W

ClientSampleId :

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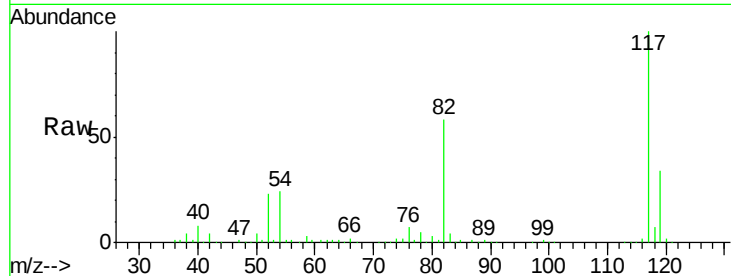
Tot Ion:117 Resp: 250263

Ion Ratio Lower Upper

117 100

82 58.5 45.1 67.7

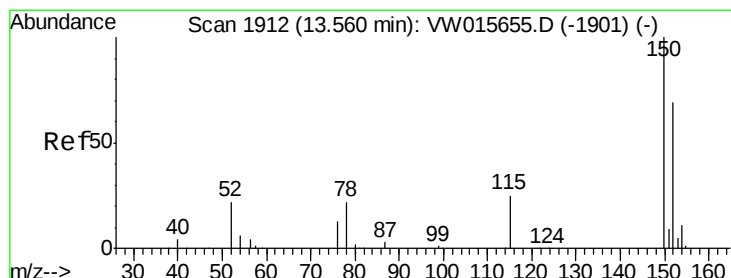
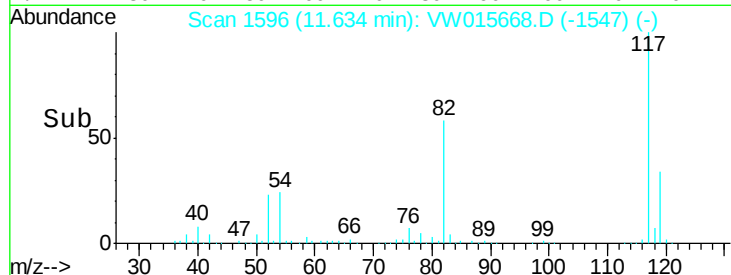
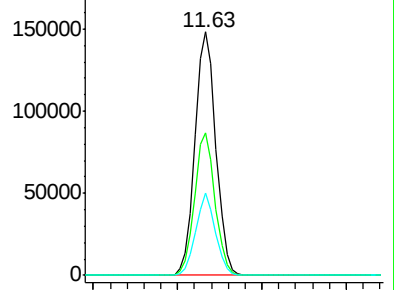
119 33.6 25.8 38.8



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: VW015668.D

Acq: 23 Jun 2020 18:05

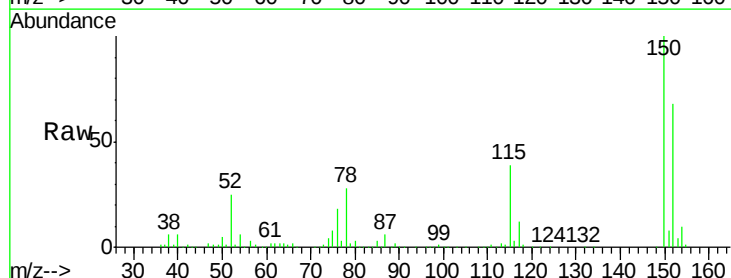
Tgt Ion:152 Resp: 107450

Ion Ratio Lower Upper

152 100

115 58.0 30.1 90.5

150 152.7 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

