

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015285.D
 Acq On : 22 Apr 2020 01:55
 Operator : SY/VA
 Sample : L2314-13
 Misc : 5.12G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-7-2

Quant Time: Apr 22 08:05:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	296632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120655	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	82230	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
35) Dibromofluoromethane	7.88	113	83997	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.32	98	357032	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.61	95	120072	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	

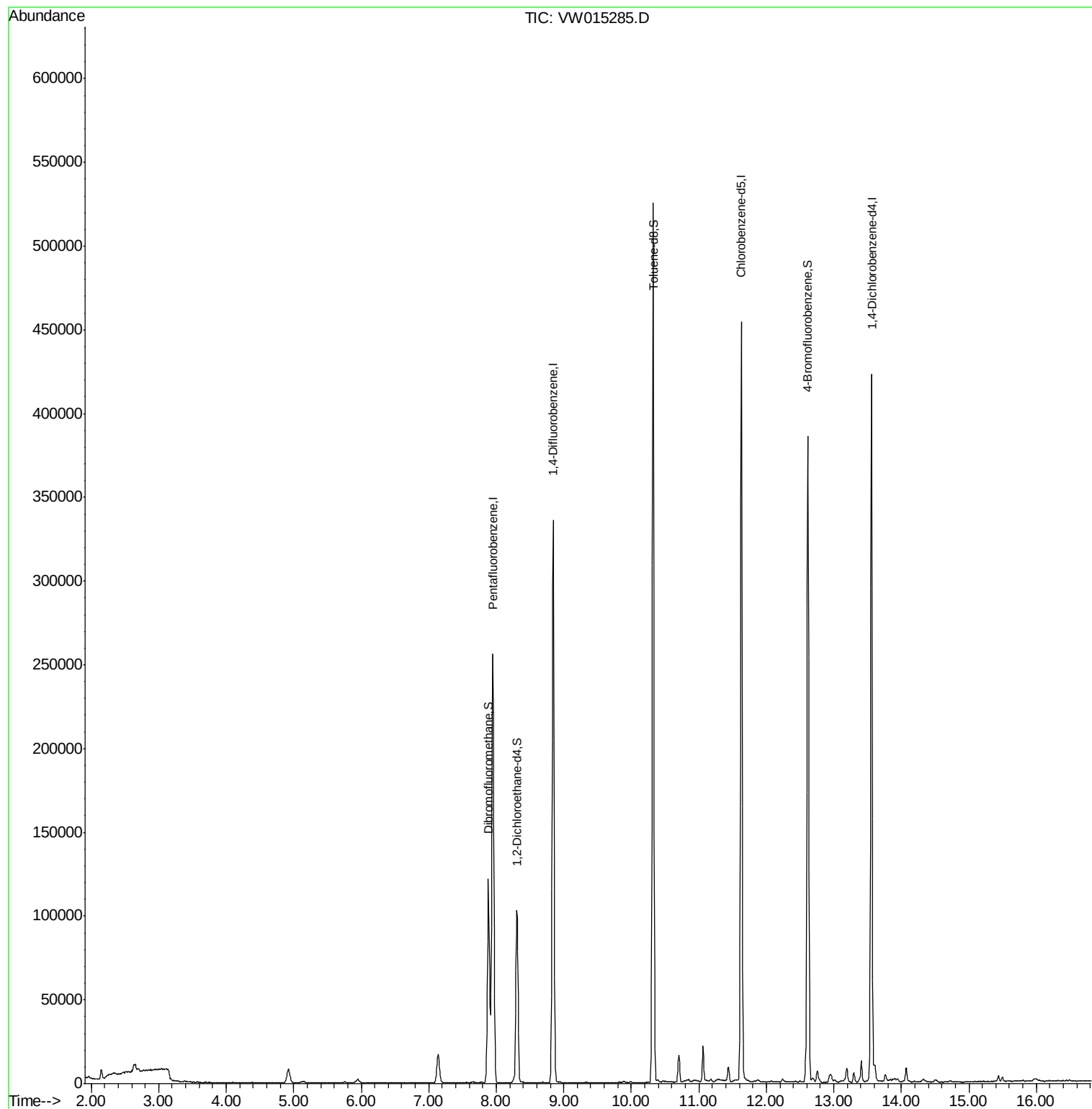
Target Compounds	Qvalue

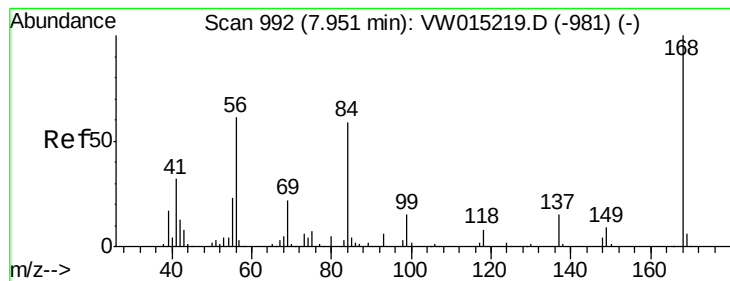
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015285.D

Acq: 22 Apr 2020 01:55

Instrument :

MSVOA_W

ClientSampleId :

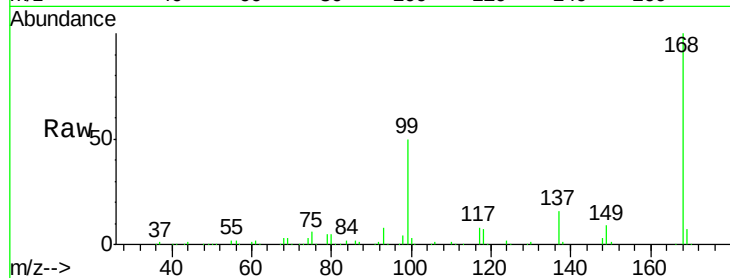
WB-7-2

Tot Ion:168 Resp: 217993

Ion Ratio Lower Upper

168 100

99 50.3 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

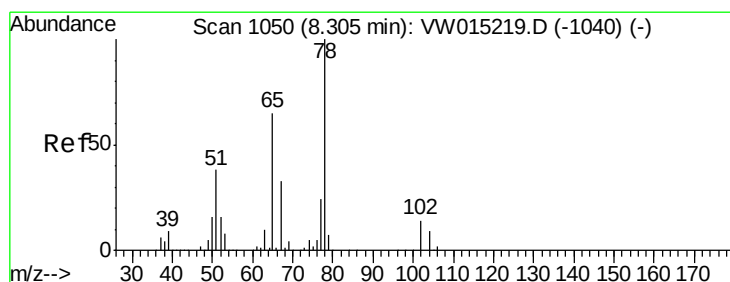
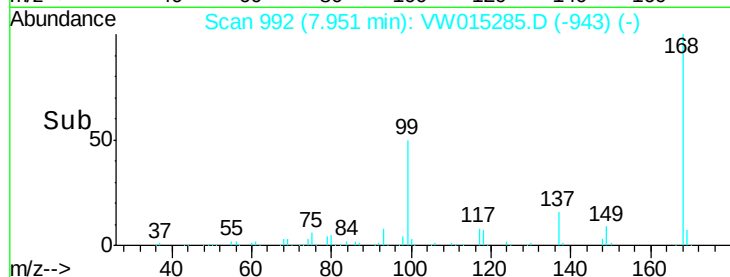
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 46.128 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW015285.D

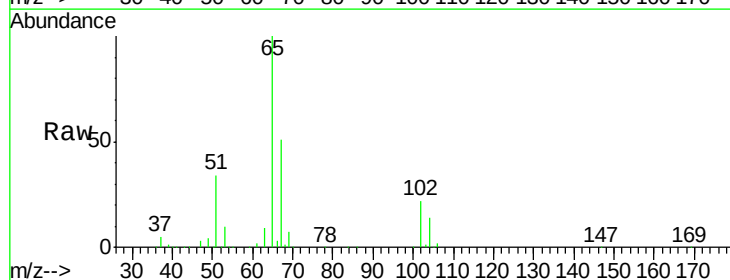
Acq: 22 Apr 2020 01:55

Tgt Ion: 65 Resp: 82230

Ion Ratio Lower Upper

65 100

67 51.8 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

40000

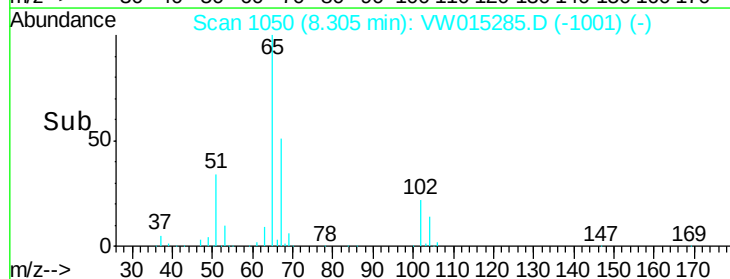
30000

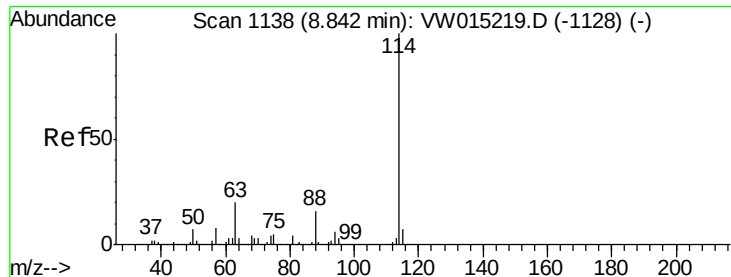
20000

10000

0

Time--> 8.20 8.30 8.40 8.50

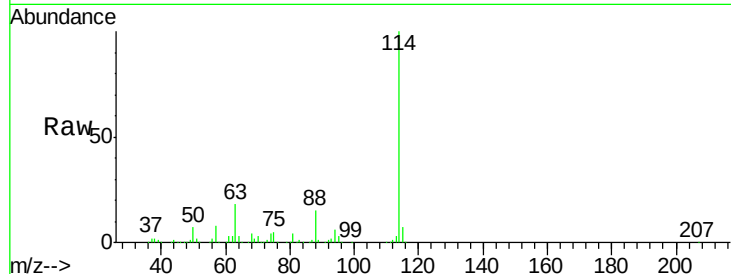




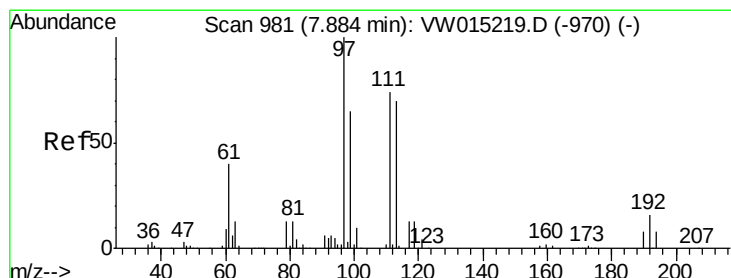
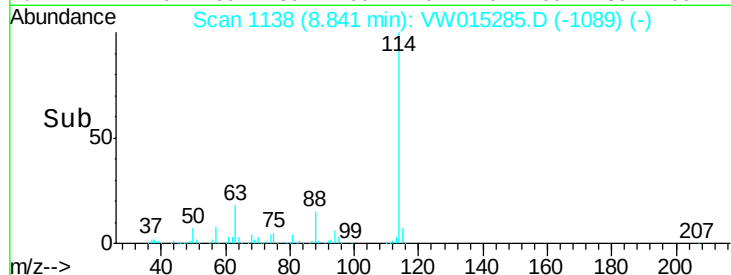
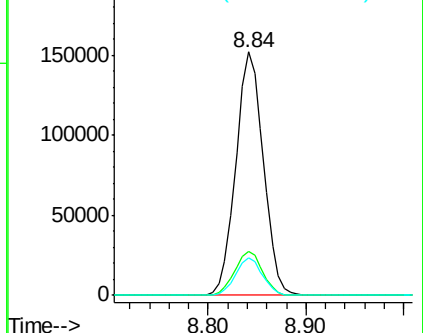
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015285.D
 Acq: 22 Apr 2020 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-7-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	39.8
88	15.3	0.0	30.2

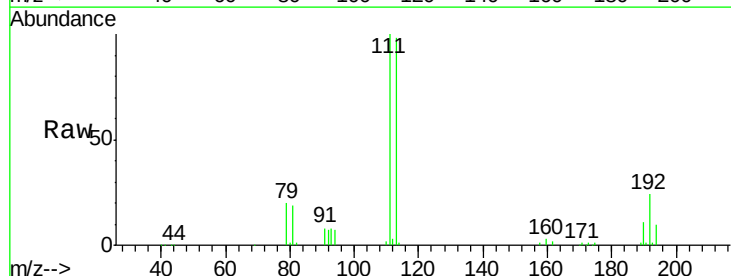


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

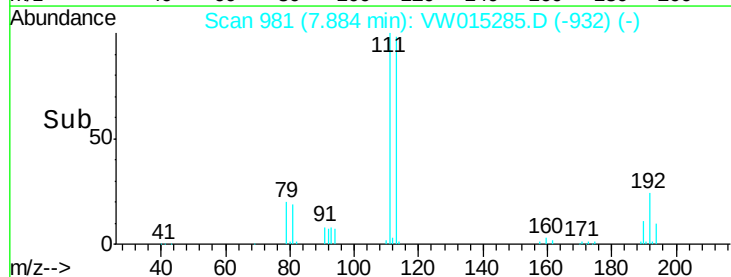
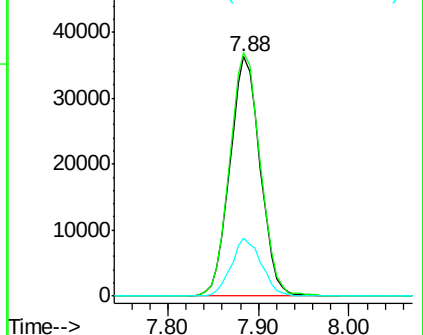


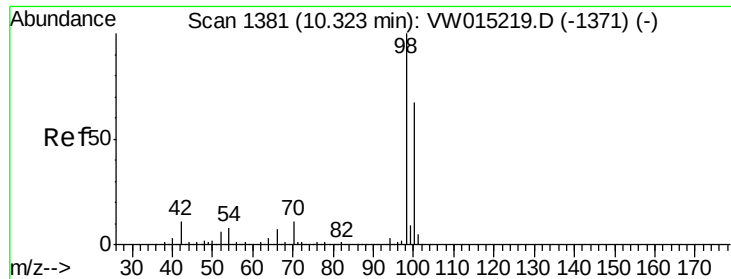
#35
 Dibromofluoromethane
 Concen: 51.121 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW015285.D
 Acq: 22 Apr 2020 01:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.0	124.4
192	24.0	15.1	22.7#



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: 51.654 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015285.D

Acq: 22 Apr 2020 01:55

Instrument :

MSVOA_W

ClientSampleId :

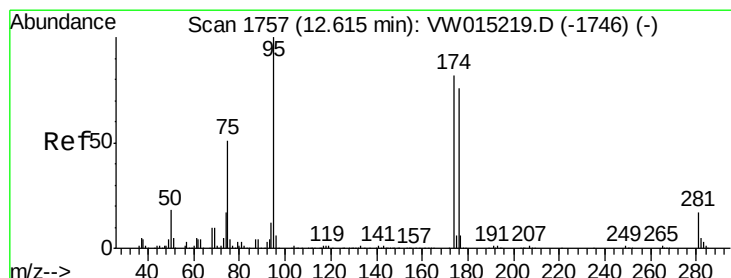
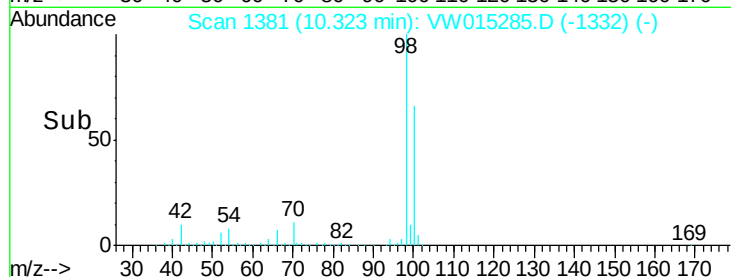
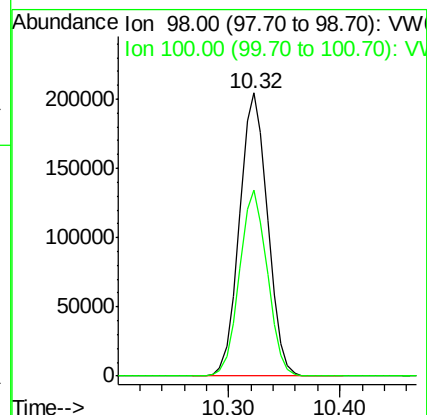
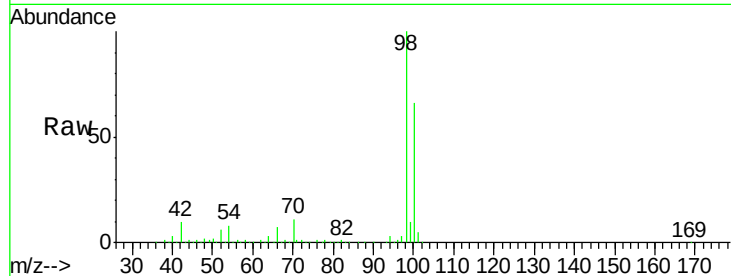
WB-7-2

Tot Ion: 98 Resp: 357032

Ion Ratio Lower Upper

98 100

100 65.1 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.529 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW015285.D

Acq: 22 Apr 2020 01:55

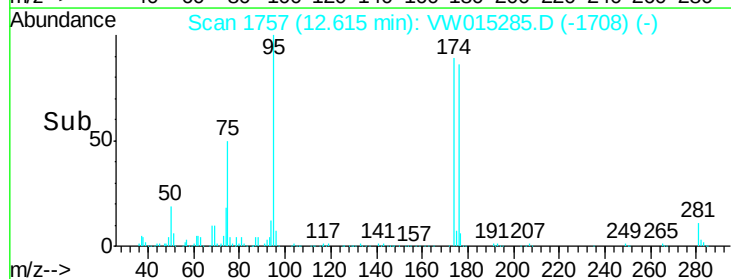
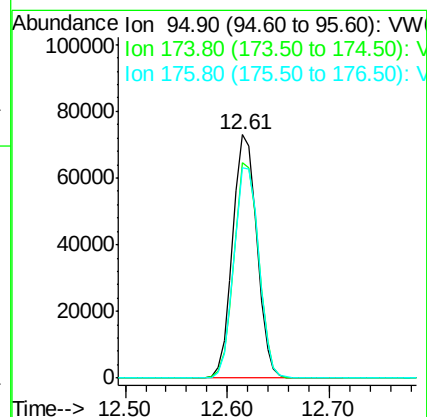
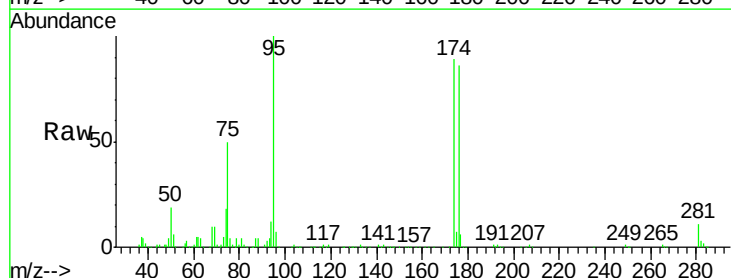
Tgt Ion: 95 Resp: 120072

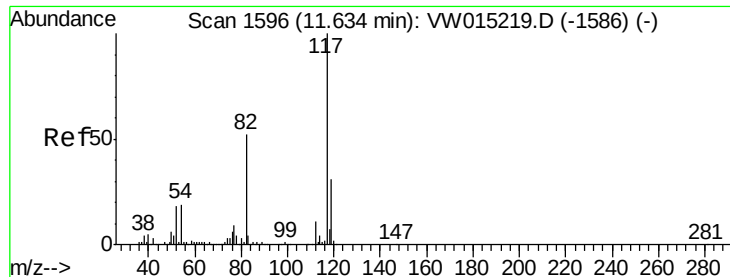
Ion Ratio Lower Upper

95 100

174 89.3 0.0 144.4

176 88.7 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW015285.D

Acq: 22 Apr 2020 01:55

Instrument :

MSVOA_W

ClientSampleId :

WB-7-2

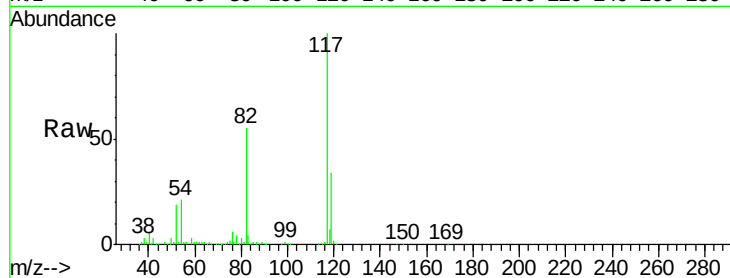
Tot Ion:117 Resp: 265651

Ion Ratio Lower Upper

117 100

82 54.5 44.1 66.1

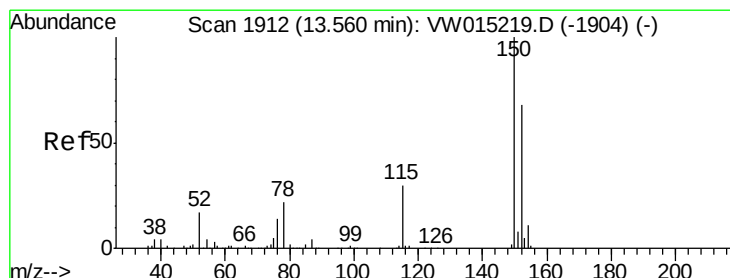
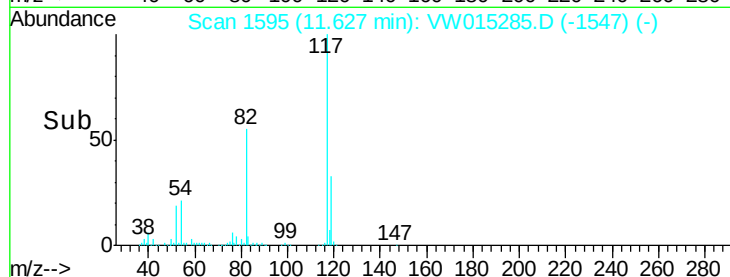
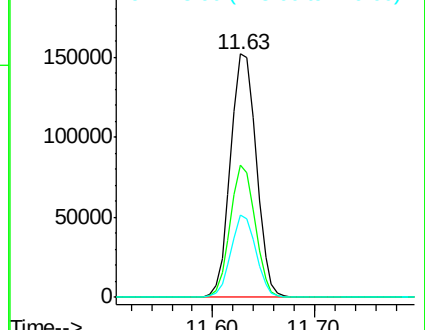
119 33.5 24.9 37.3



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: VW015285.D

Acq: 22 Apr 2020 01:55

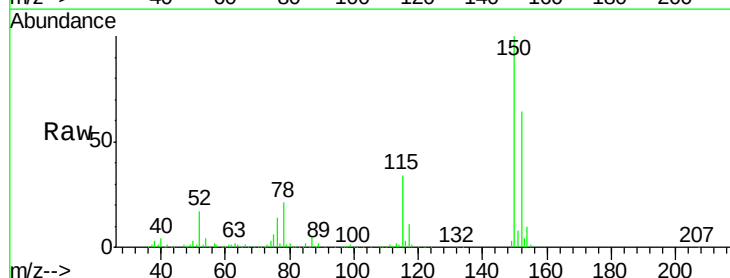
Tgt Ion:152 Resp: 120655

Ion Ratio Lower Upper

152 100

115 55.6 31.3 93.9

150 158.7 0.0 343.4



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

