

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042220\
 Data File : VW015317.D
 Acq On : 22 Apr 2020 19:01
 Operator : SY/VA
 Sample : L2394-04
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-1A

Quant Time: Apr 23 07:49:31 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	201874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	281934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	249027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	111279	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	78940	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
35) Dibromofluoromethane	7.88	113	80723	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
50) Toluene-d8	10.32	98	335186	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.62	95	110100	43.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.84%	

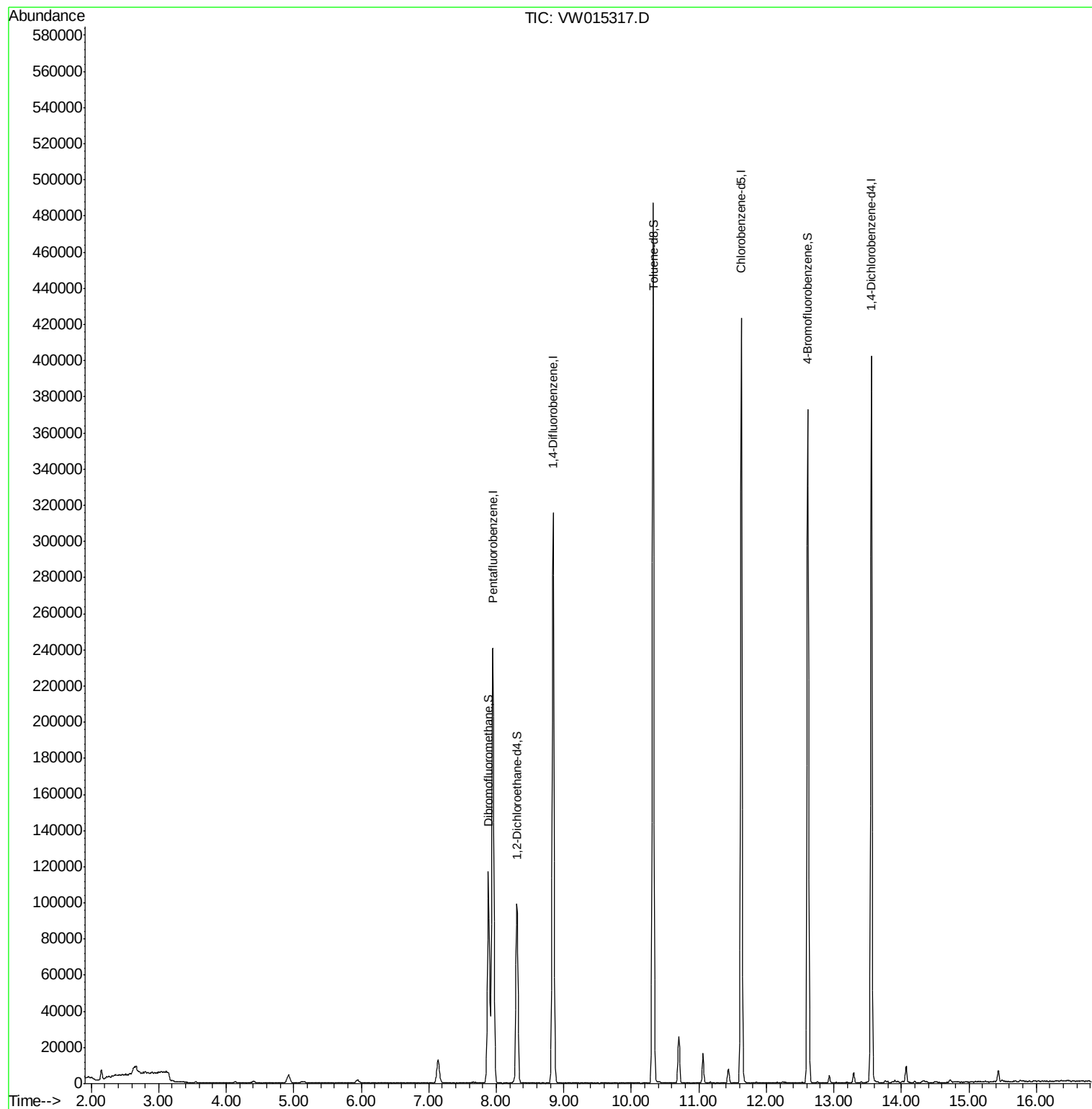
Target Compounds	Qvalue

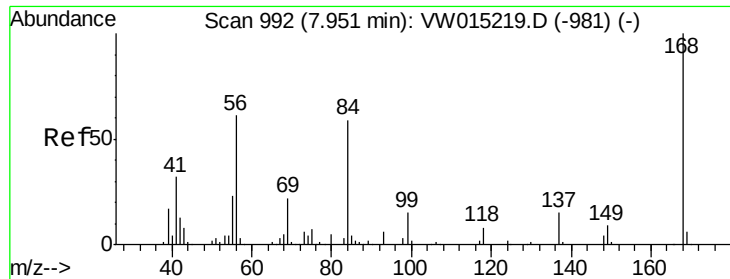
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
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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: VW015317.D

Acq: 22 Apr 2020 19:01

Instrument :

MSVOA_W

ClientSampleId :

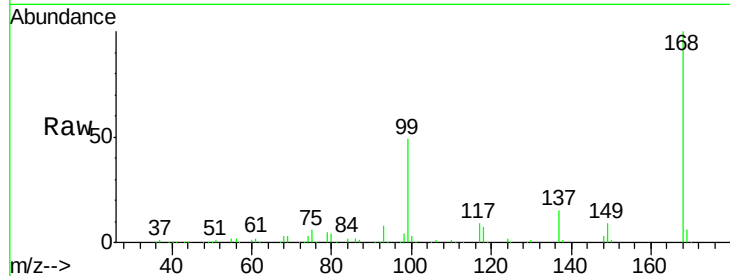
B-1A

Tot Ion:168 Resp: 201874

Ion Ratio Lower Upper

168 100

99 48.6 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

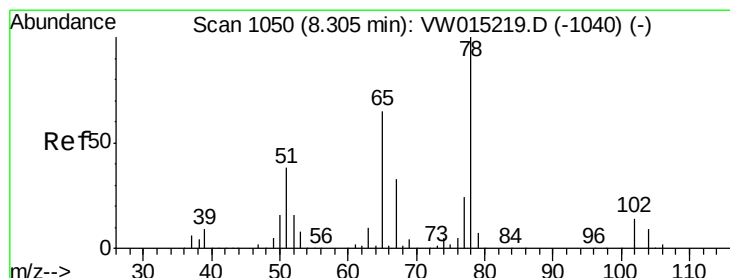
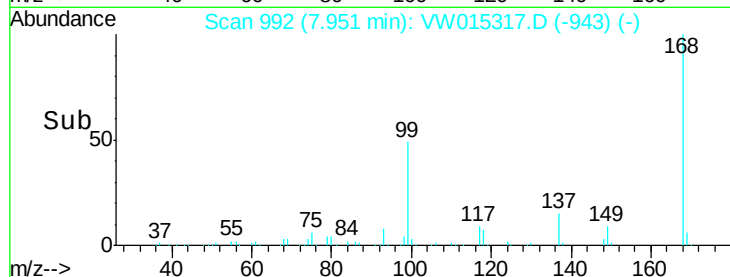
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 47.819 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015317.D

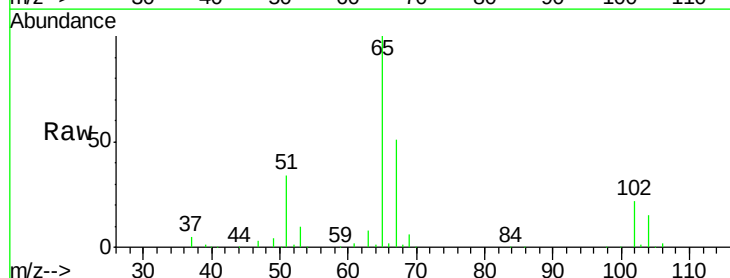
Acq: 22 Apr 2020 19:01

Tgt Ion: 65 Resp: 78940

Ion Ratio Lower Upper

65 100

67 51.3 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

40000

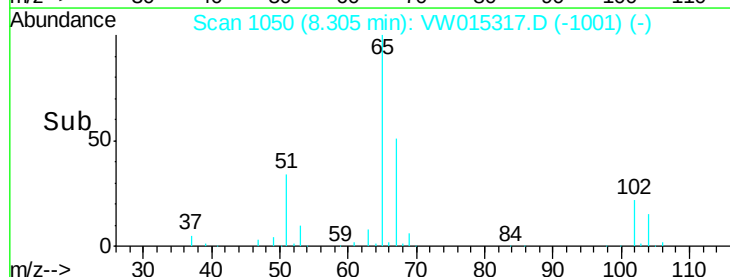
30000

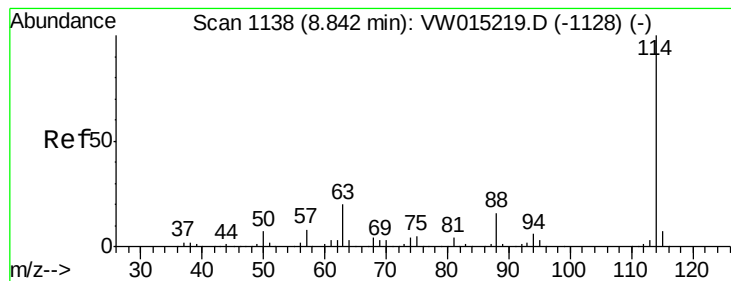
20000

10000

0

Time--> 8.20 8.25 8.30 8.35 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW015317.D

Acq: 22 Apr 2020 19:01

Instrument :

MSVOA_W

ClientSampleId :

B-1A

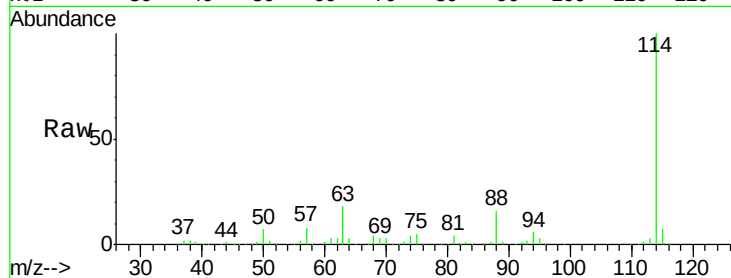
Tot Ion:114 Resp: 281934

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.8

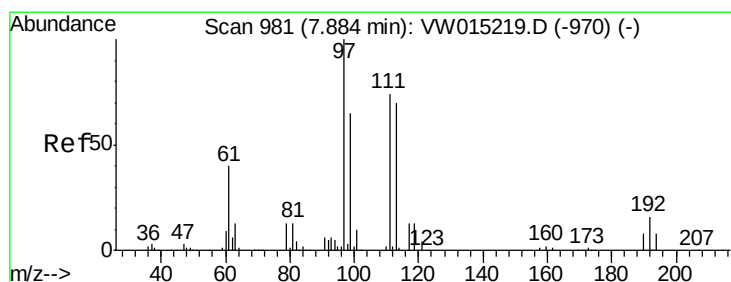
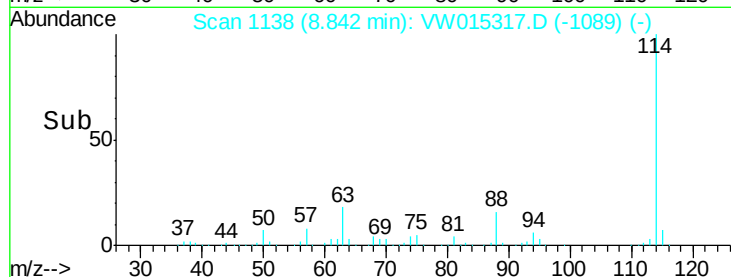
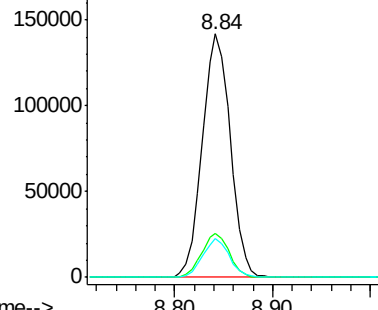
88 15.8 0.0 30.2



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: 51.690 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015317.D

Acq: 22 Apr 2020 19:01

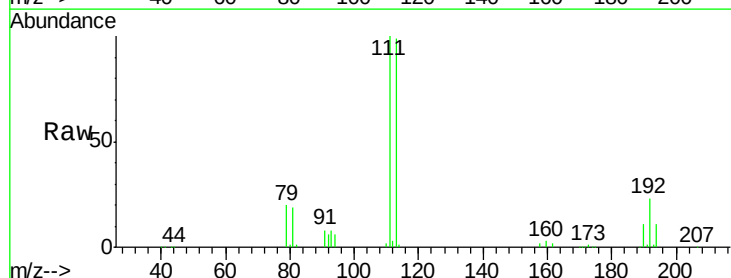
Tgt Ion:113 Resp: 80723

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

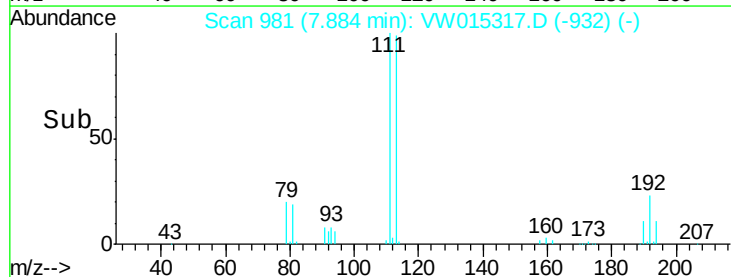
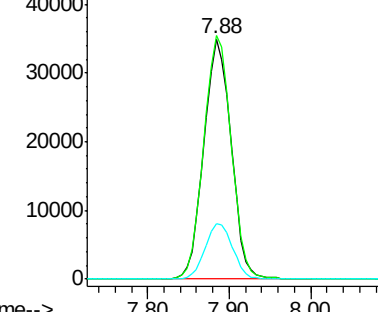
192 23.2 15.1 22.7#

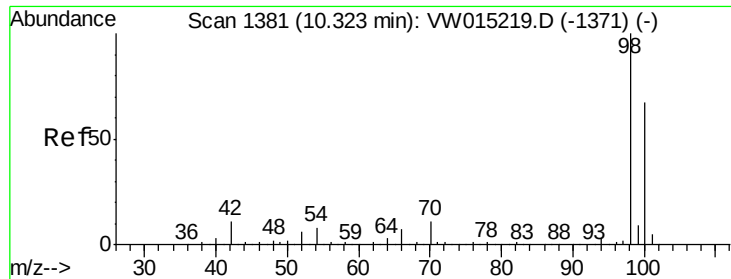


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.021 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015317.D

Acq: 22 Apr 2020 19:01

Instrument :

MSVOA_W

ClientSampleId :

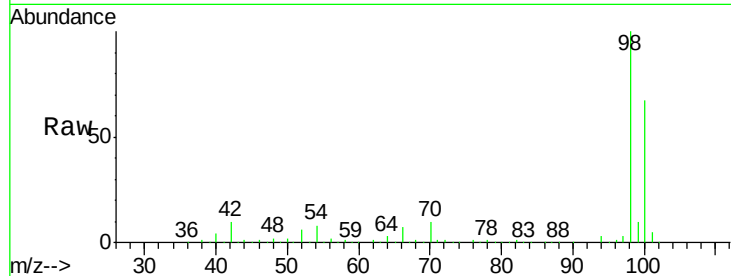
B-1A

Tot Ion: 98 Resp: 335186

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

200000

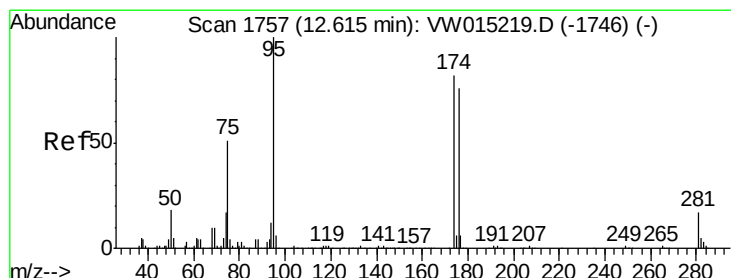
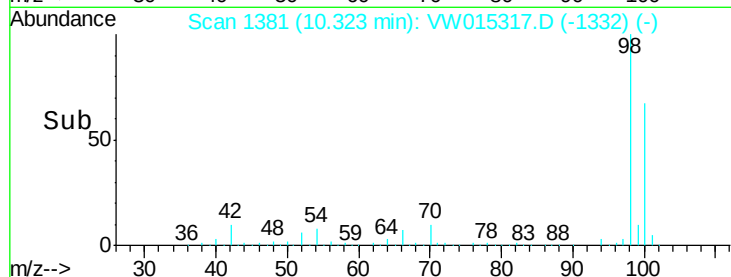
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 43.924 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015317.D

Acq: 22 Apr 2020 19:01

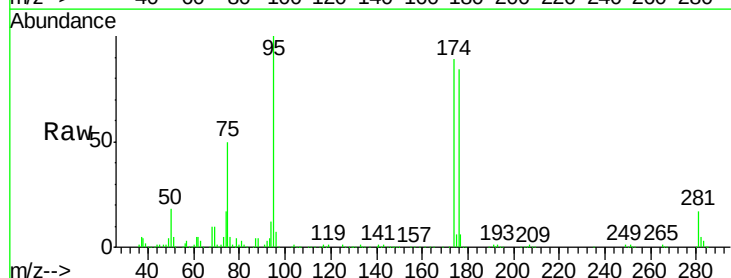
Tgt Ion: 95 Resp: 110100

Ion Ratio Lower Upper

95 100

174 91.8 0.0 144.4

176 87.4 0.0 140.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

12.62

80000

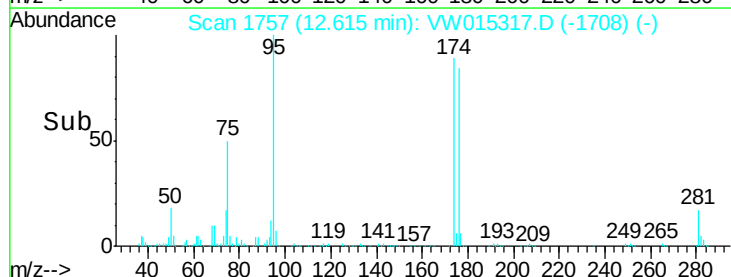
60000

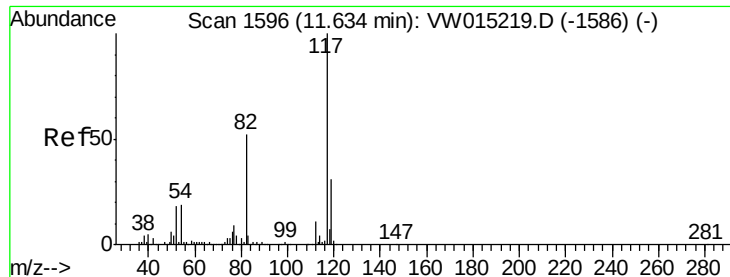
40000

20000

0

Time--> 12.60 12.70





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW015317.D

Acq: 22 Apr 2020 19:01

Instrument :

MSVOA_W

ClientSampleId :

B-1A

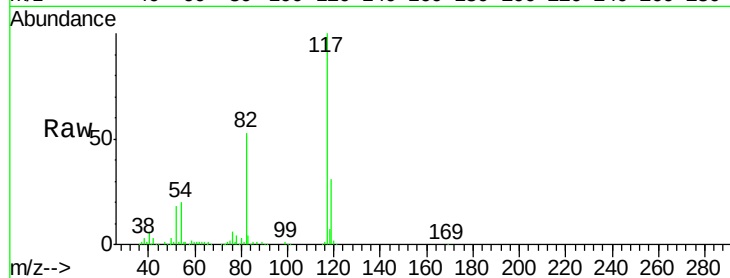
Tot Ion:117 Resp: 249027

Ion Ratio Lower Upper

117 100

82 53.0 44.1 66.1

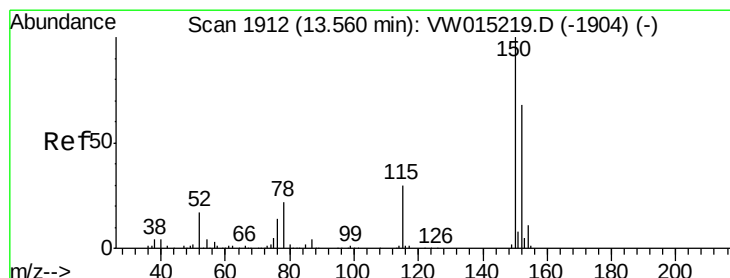
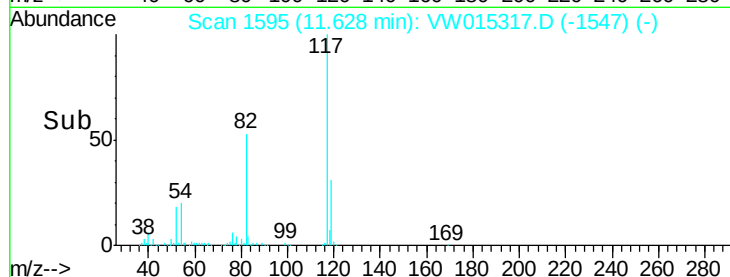
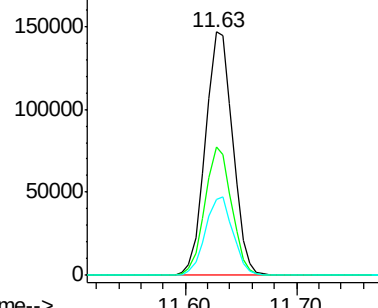
119 31.1 24.9 37.3



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: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW015317.D

Acq: 22 Apr 2020 19:01

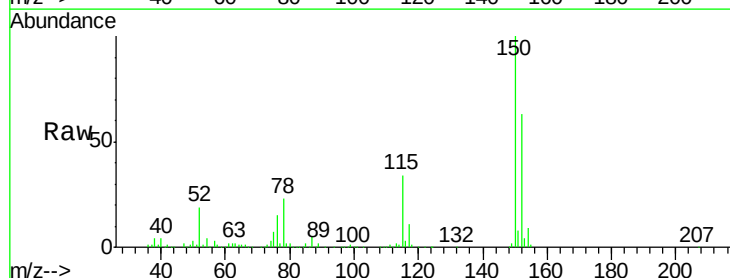
Tgt Ion:152 Resp: 111279

Ion Ratio Lower Upper

152 100

115 56.6 31.3 93.9

150 159.1 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

