

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015254.D
 Acq On : 21 Apr 2020 11:44
 Operator : SY/VA
 Sample : L2314-01
 Misc : 4.41G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-2-1

Quant Time: Apr 22 06:29:32 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	216446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	308974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	272528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	116742	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	83301	47.06	ug/l	0.00
Spiked Amount			Recovery	=	94.12%	
35) Dibromofluoromethane	7.88	113	86463	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	
50) Toluene-d8	10.32	98	373002	51.81	ug/l	0.00
Spiked Amount			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.62	95	120024	43.69	ug/l	0.00
Spiked Amount			Recovery	=	87.38%	

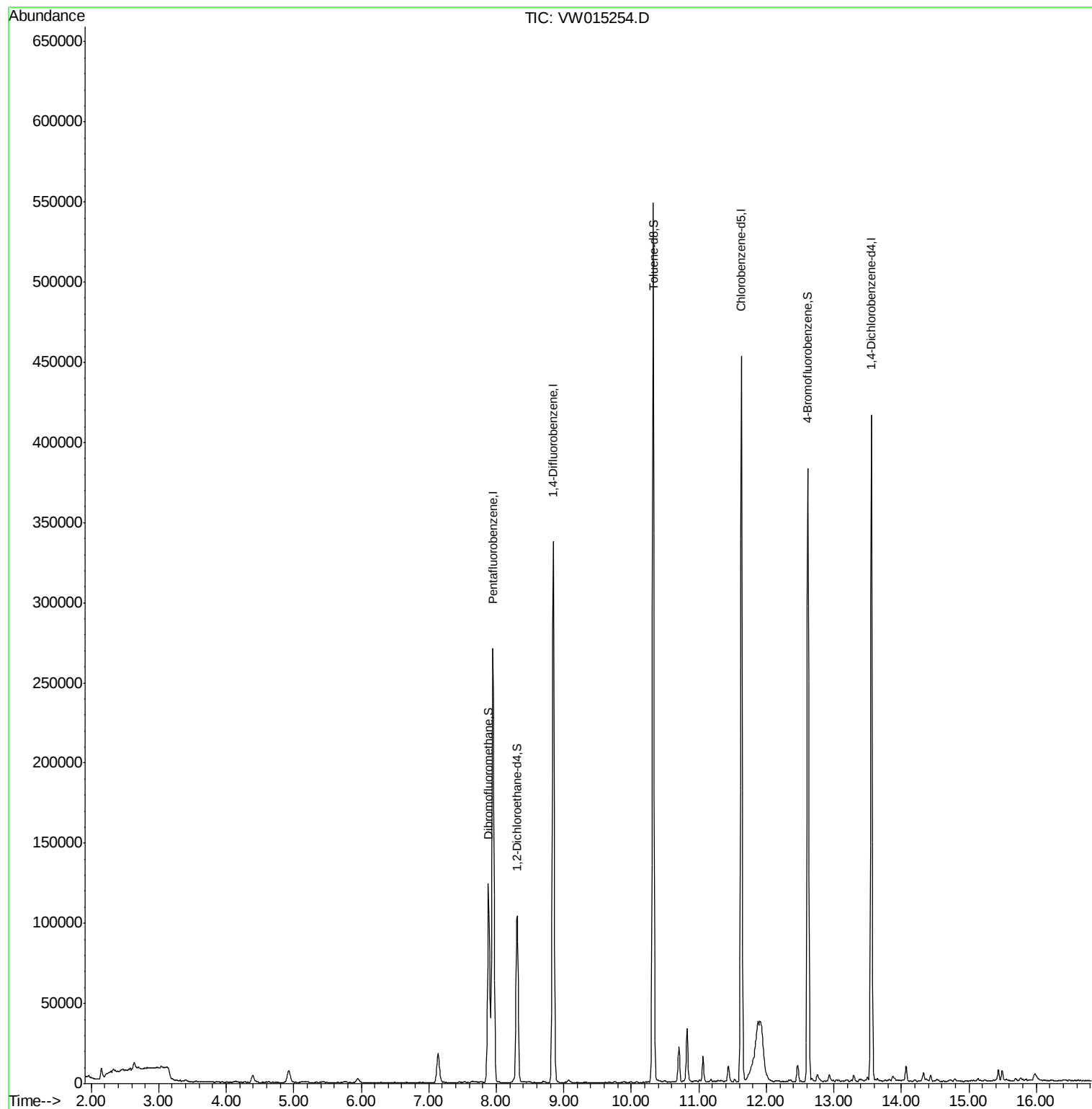
Target Compounds	Qvalue
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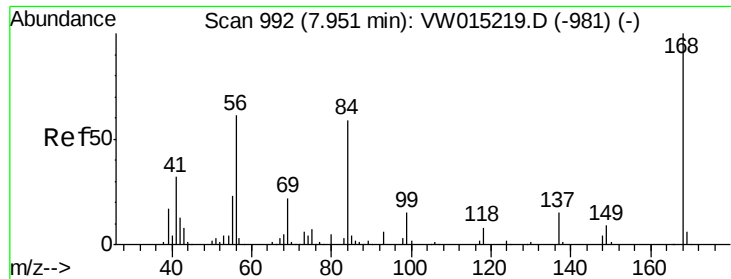
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015254.D

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Instrument :

MSVOA_W

ClientSampleId :

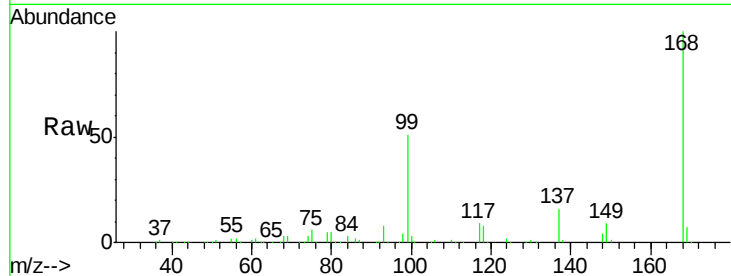
WB-2-1

Tot Ion:168 Resp: 216446

Ion Ratio Lower Upper

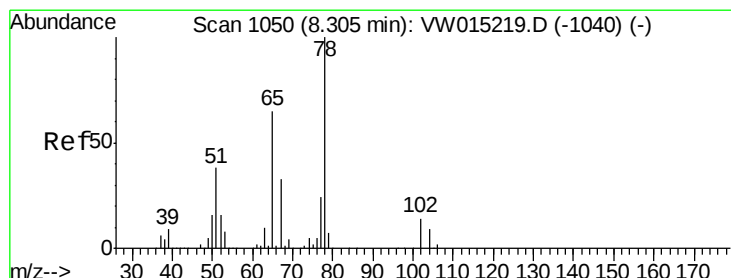
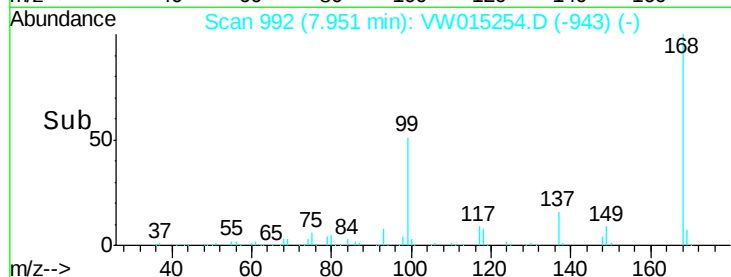
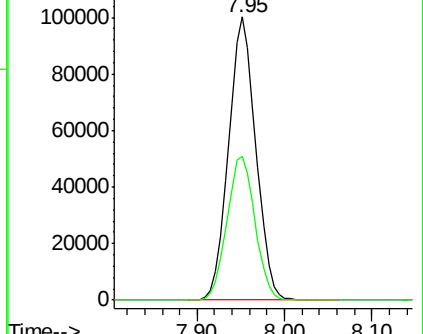
168 100

99 50.7 48.5 72.7



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: 47.063 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW015254.D

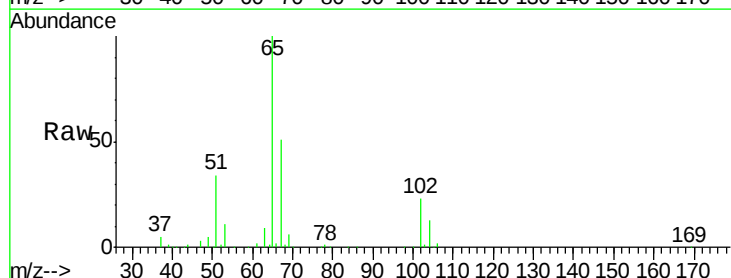
Acq: 21 Apr 2020 11:44

Tgt Ion: 65 Resp: 83301

Ion Ratio Lower Upper

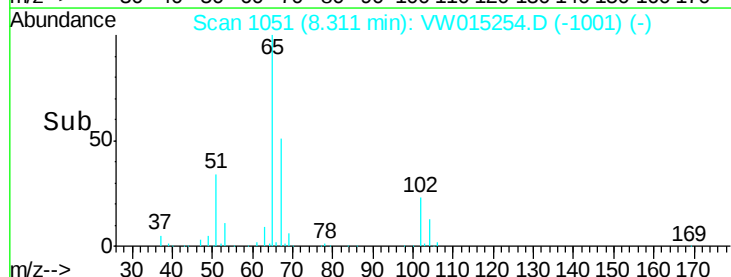
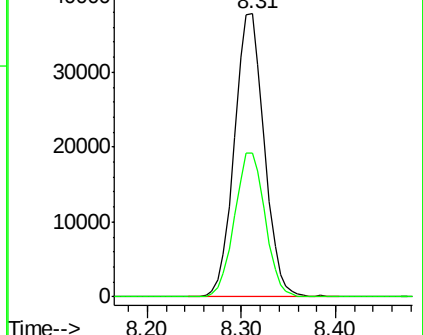
65 100

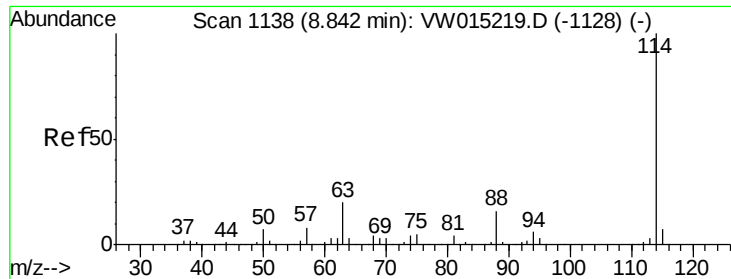
67 52.2 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

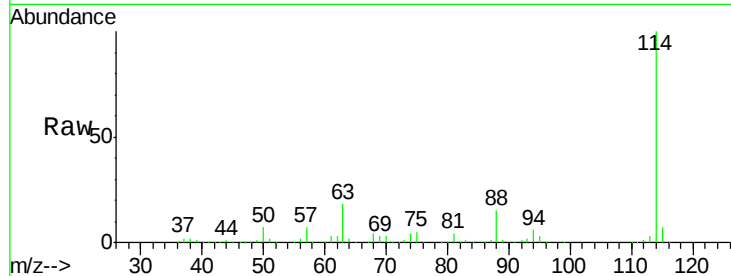




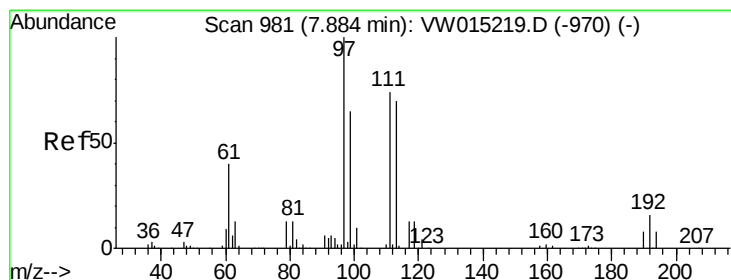
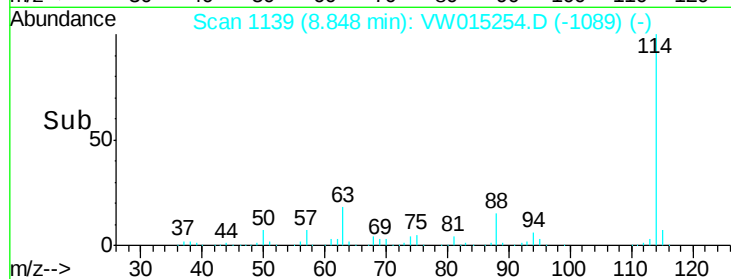
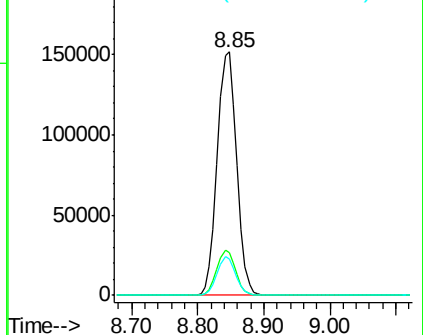
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.01 min
Lab File: VW015254.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_W
ClientSampleId :
WB-2-1

Tot Ion:114 Resp: 308974
Ion Ratio Lower Upper
114 100
63 17.6 0.0 39.8
88 15.1 0.0 30.2

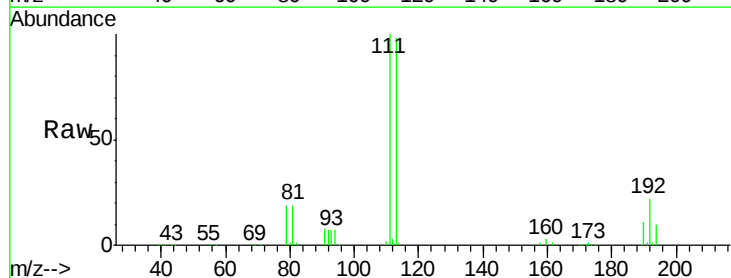


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

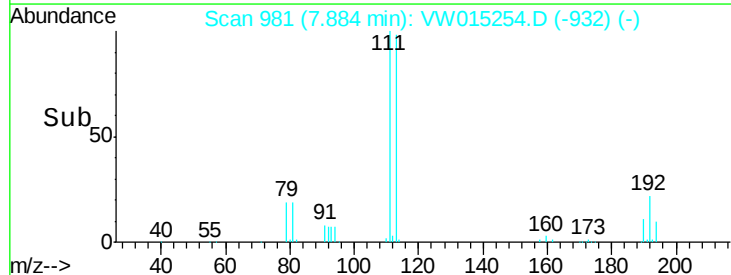
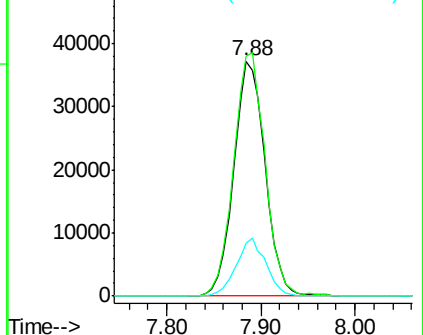


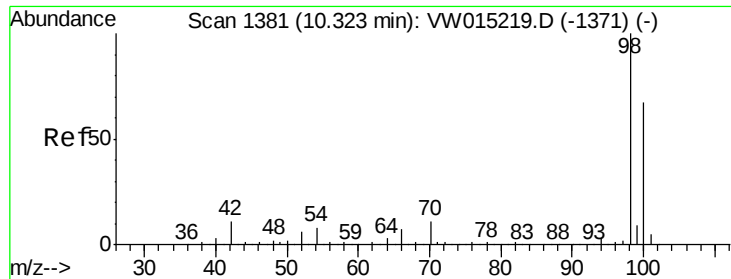
#35
Dibromofluoromethane
Concen: 50.520 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW015254.D
Acq: 21 Apr 2020 11:44

Tgt Ion:113 Resp: 86463
Ion Ratio Lower Upper
113 100
111 103.8 83.0 124.4
192 23.1 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: 51.809 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015254.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

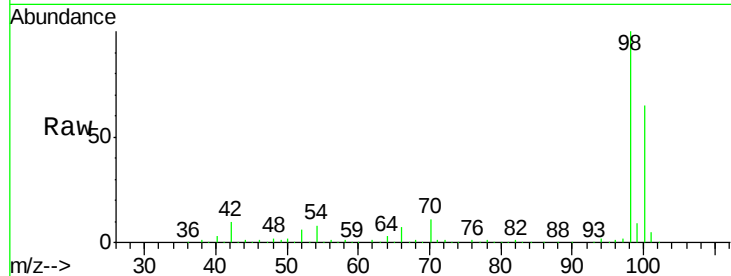
WB-2-1

Tot Ion: 98 Resp: 373002

Ion Ratio Lower Upper

98 100

100 65.8 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

250000

200000

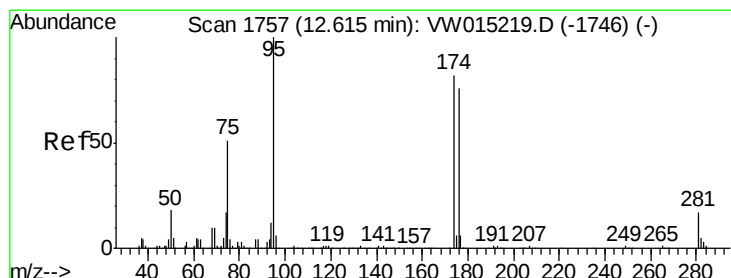
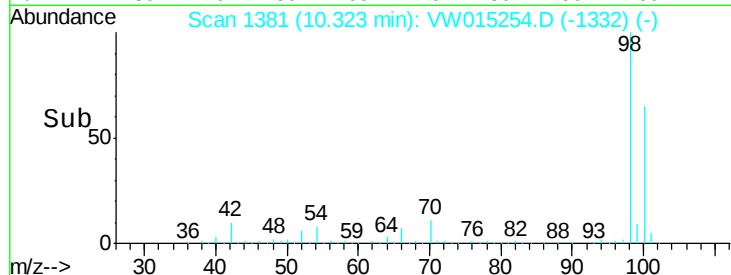
150000

100000

50000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 43.693 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW015254.D

Acq: 21 Apr 2020 11:44

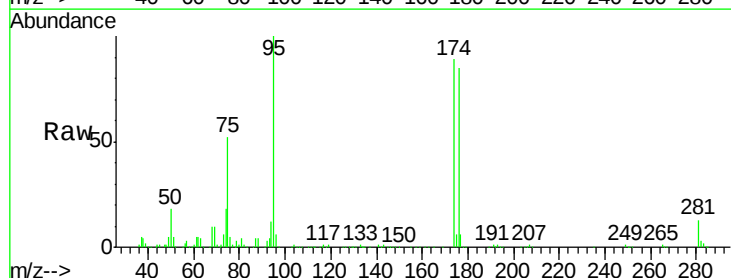
Tgt Ion: 95 Resp: 120024

Ion Ratio Lower Upper

95 100

174 88.8 0.0 144.4

176 86.4 0.0 140.6



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

100000

80000

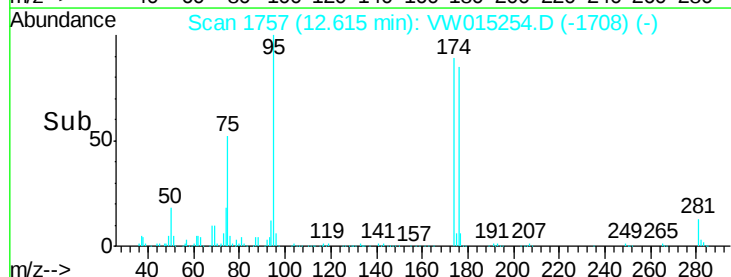
60000

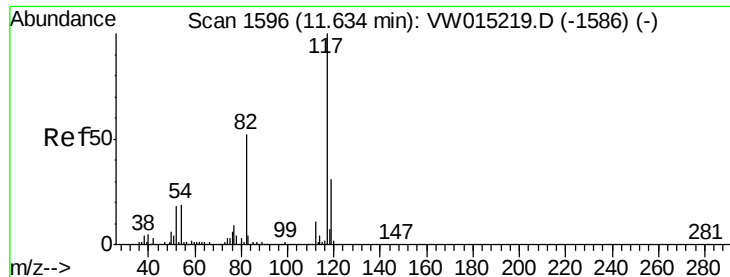
40000

20000

0

Time--> 12.50 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: VW015254.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

WB-2-1

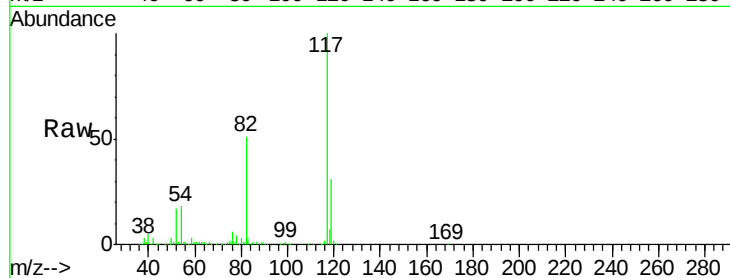
Tot Ion:117 Resp: 272528

Ion Ratio Lower Upper

117 100

82 50.6 44.1 66.1

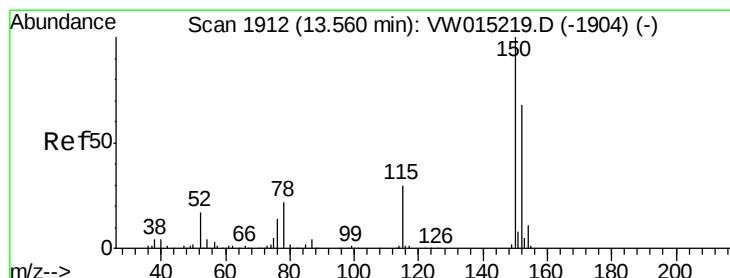
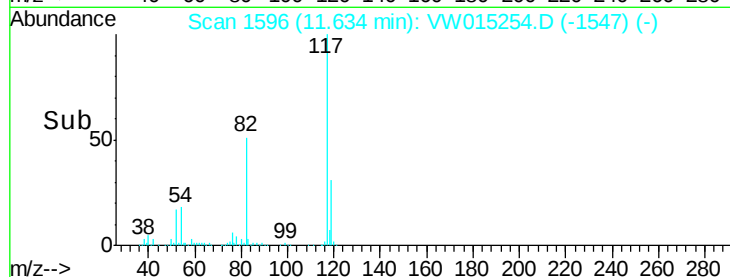
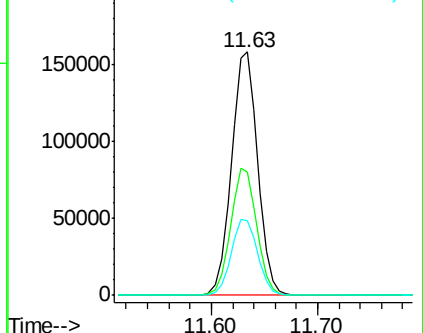
119 30.6 24.9 37.3



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: VW015254.D

Acq: 21 Apr 2020 11:44

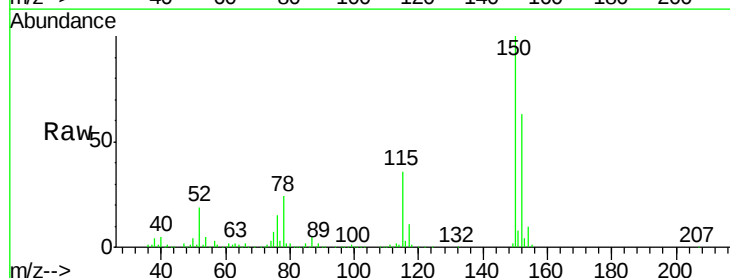
Tgt Ion:152 Resp: 116742

Ion Ratio Lower Upper

152 100

115 56.5 31.3 93.9

150 156.1 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

