

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042220\
 Data File : VW015314.D
 Acq On : 22 Apr 2020 17:45
 Operator : SY/VA
 Sample : L2360-03
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OUTSIDE WALL

Quant Time: Apr 23 07:31:31 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	206434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	290690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	254198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	112884	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	75934	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
35) Dibromofluoromethane	7.88	113	83183	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	10.32	98	343359	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.62	95	111388	43.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.20%	

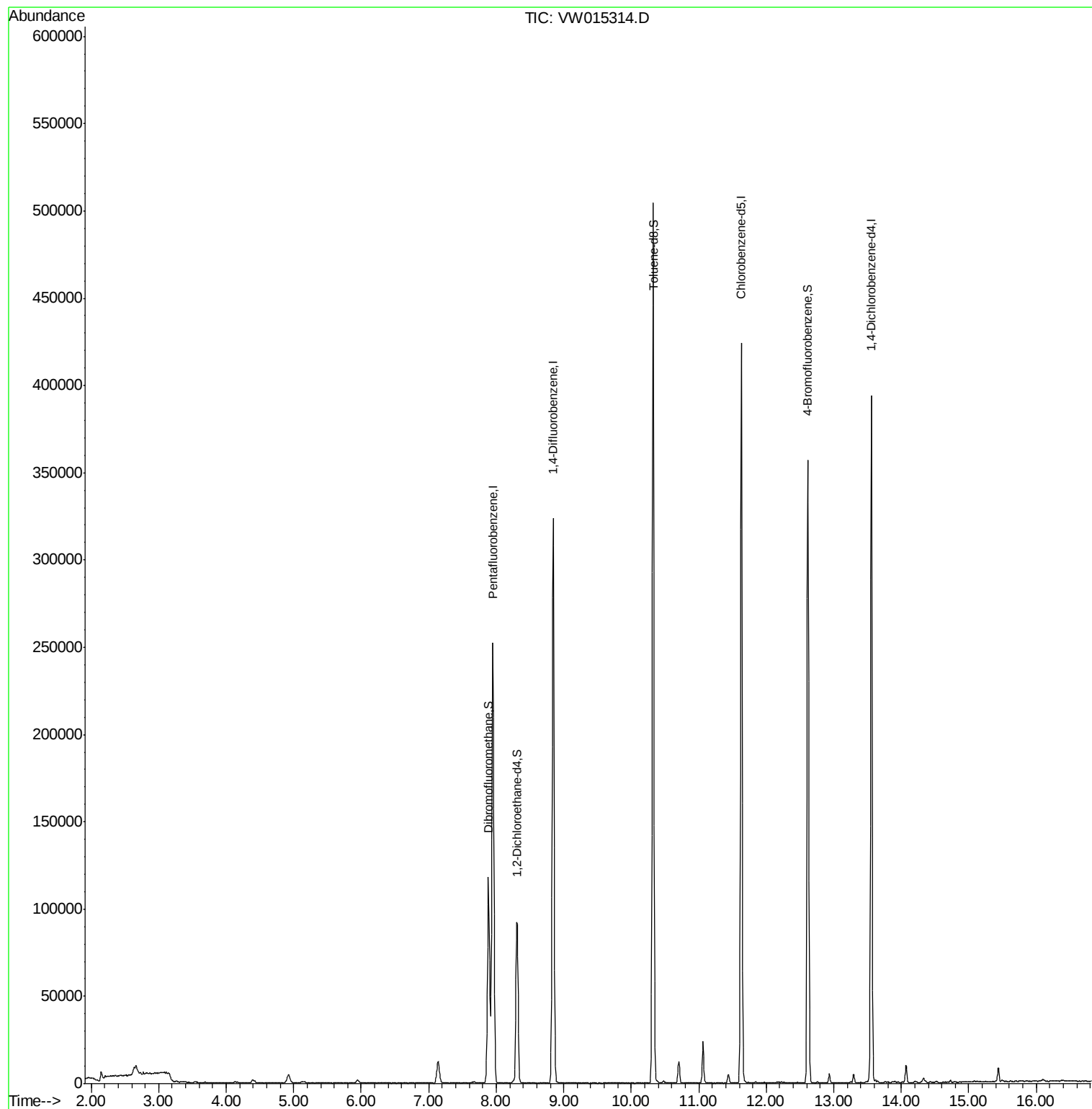
Target Compounds	Qvalue

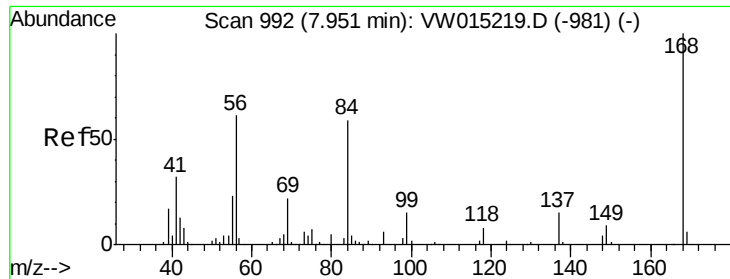
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015314.D

Acq: 22 Apr 2020 17:45

Instrument :

MSVOA_W

ClientSampled :

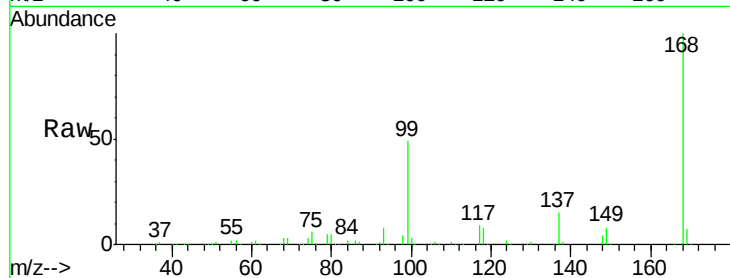
OUTSIDE WALL

Tot Ion:168 Resp: 206434

Ion Ratio Lower Upper

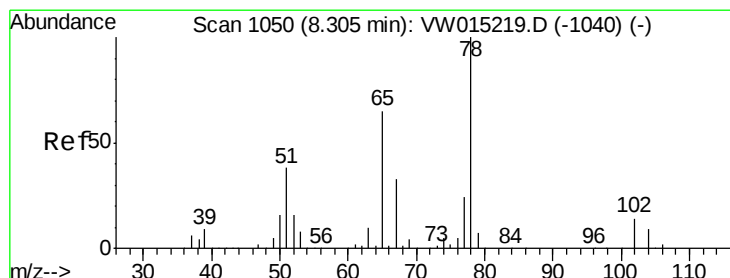
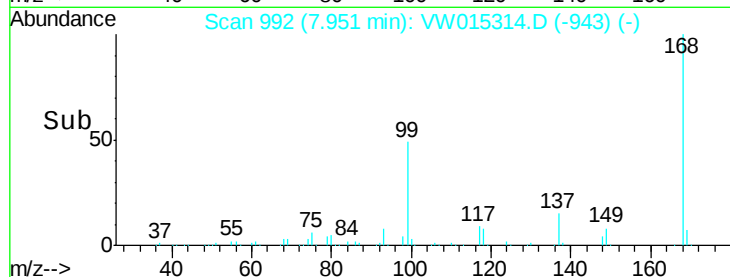
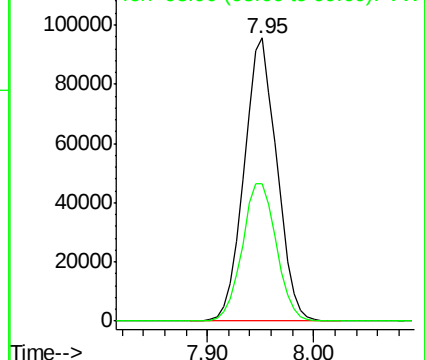
168 100

99 48.7 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: 44.982 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015314.D

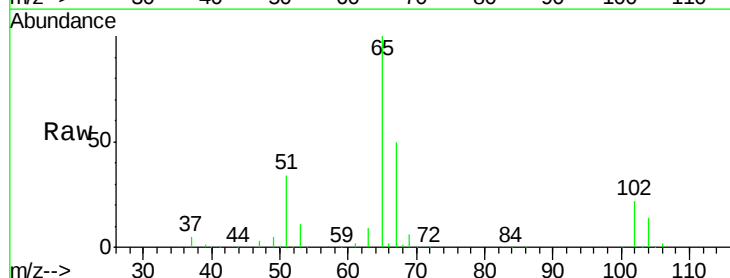
Acq: 22 Apr 2020 17:45

Tgt Ion: 65 Resp: 75934

Ion Ratio Lower Upper

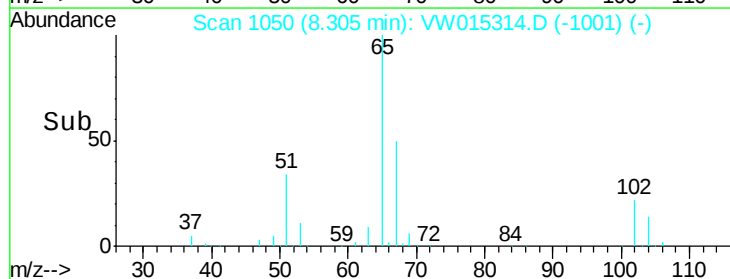
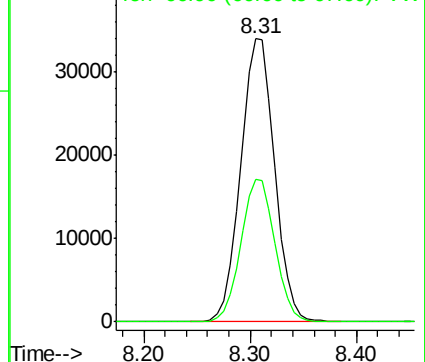
65 100

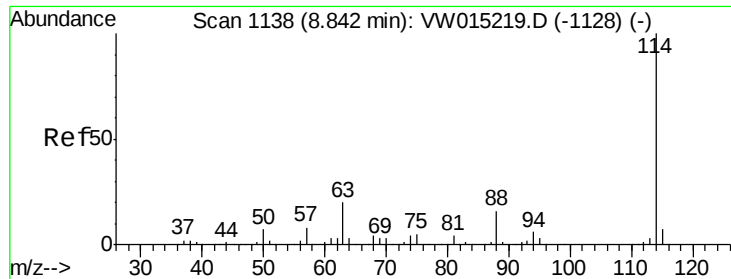
67 50.7 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

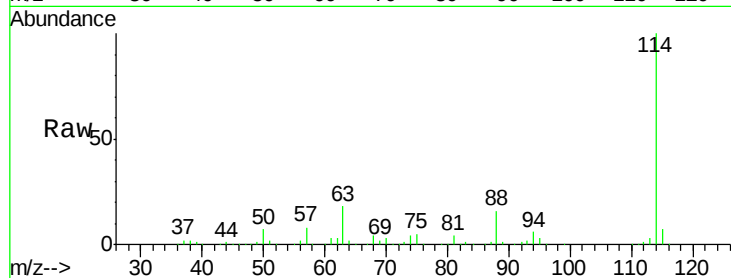




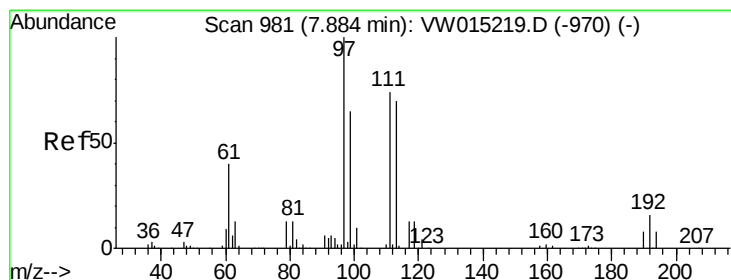
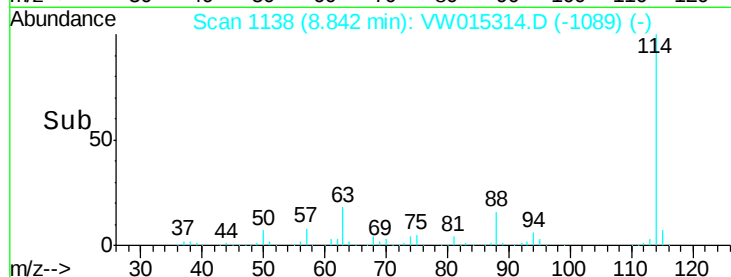
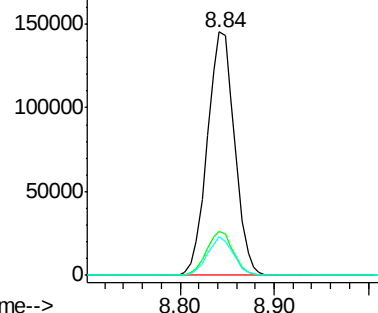
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015314.D
 Acq: 22 Apr 2020 17:45

Instrument :
 MSVOA_W
 ClientSampleId :
 OUTSIDE WALL

Tot Ion:114 Resp: 290690
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 39.8
 88 15.7 0.0 30.2

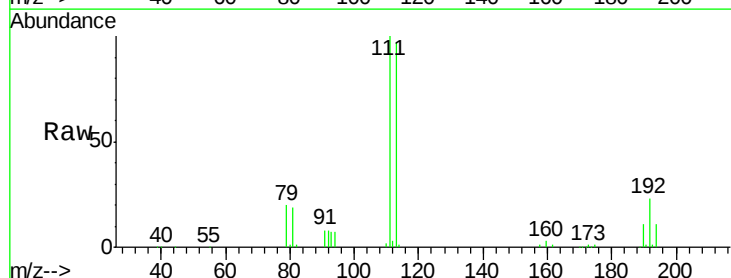


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

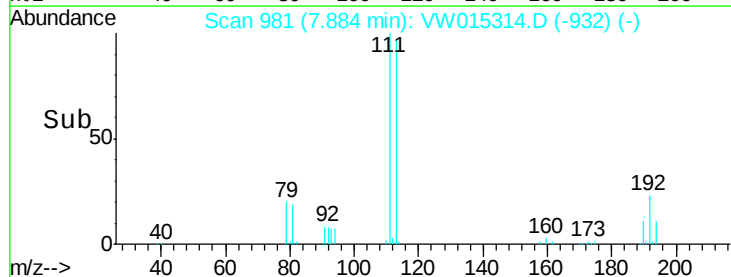
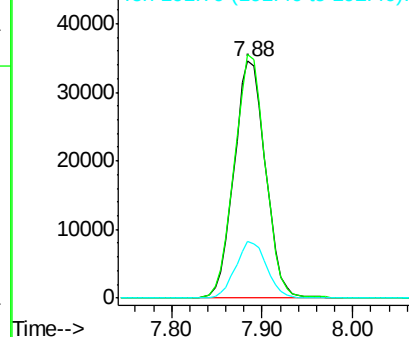


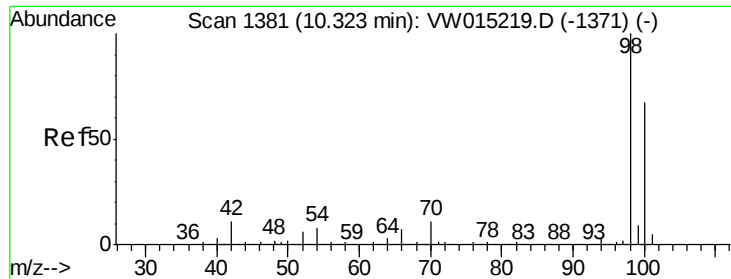
#35
 Dibromofluoromethane
 Concen: 51.661 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015314.D
 Acq: 22 Apr 2020 17:45

Tgt Ion:113 Resp: 83183
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.0 124.4
 192 23.3 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: 50.691 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015314.D

Acq: 22 Apr 2020 17:45

Instrument :

MSVOA_W

ClientSampleId :

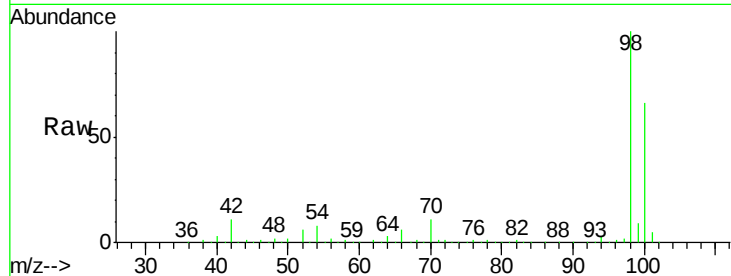
OUTSIDE WALL

Tot Ion: 98 Resp: 343359

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

200000

150000

100000

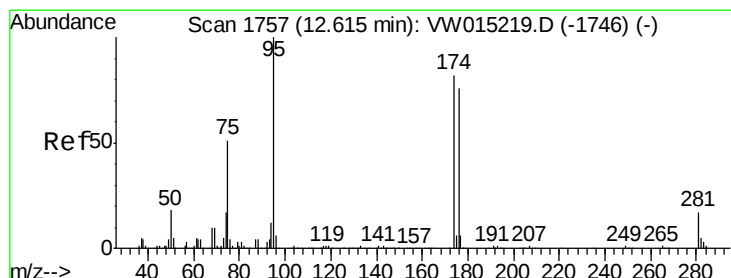
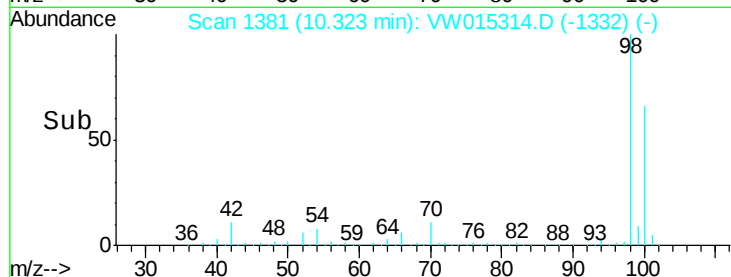
50000

0

10.32

10.20 10.30 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 43.100 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015314.D

Acq: 22 Apr 2020 17:45

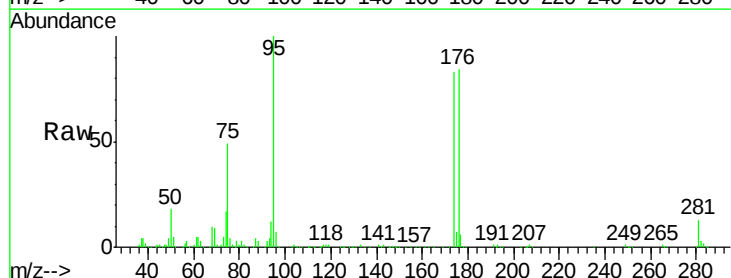
Tgt Ion: 95 Resp: 111388

Ion Ratio Lower Upper

95 100

174 89.5 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

80000

60000

40000

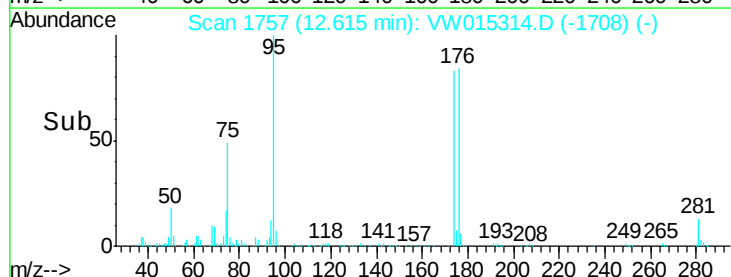
20000

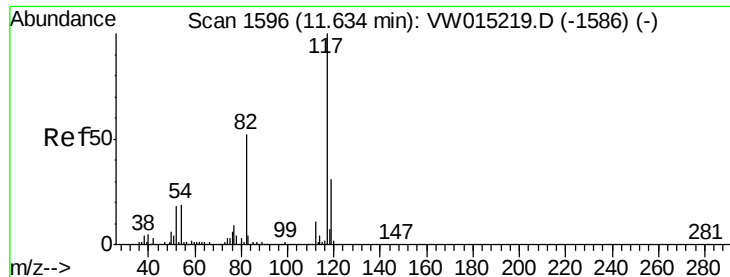
0

12.62

12.60 12.70

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015314.D

Acq: 22 Apr 2020 17:45

Instrument :

MSVOA_W

ClientSampleId :

OUTSIDE WALL

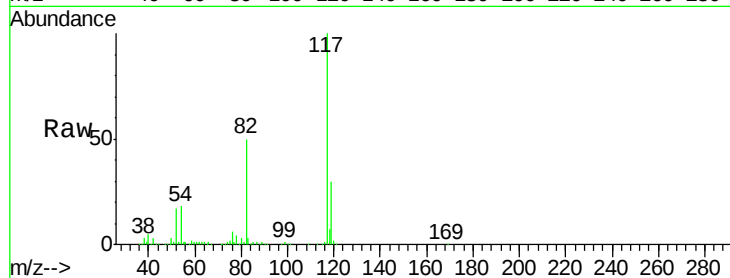
Tot Ion:117 Resp: 254198

Ion Ratio Lower Upper

117 100

82 49.7 44.1 66.1

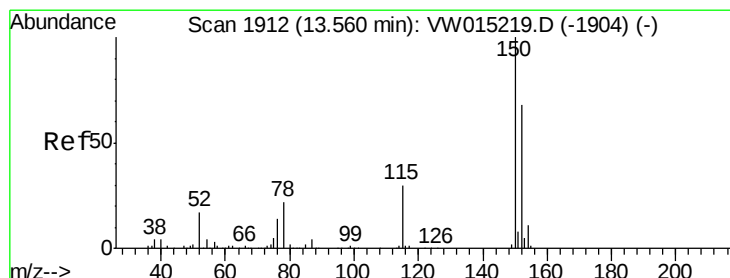
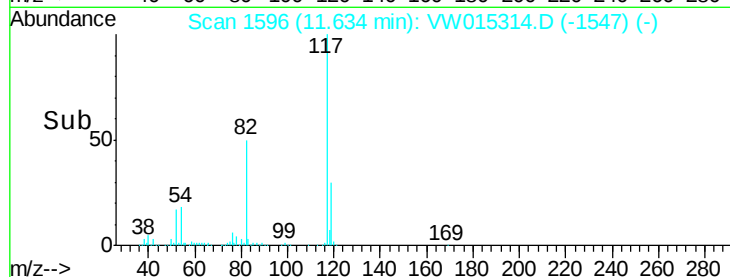
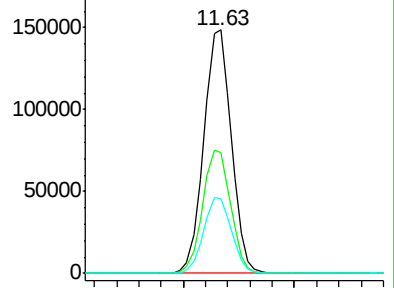
119 30.4 24.9 37.3



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: VW015314.D

Acq: 22 Apr 2020 17:45

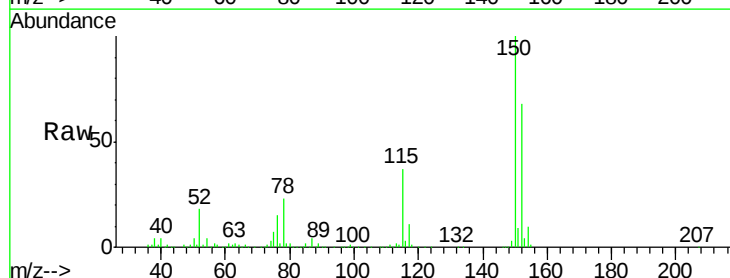
Tgt Ion:152 Resp: 112884

Ion Ratio Lower Upper

152 100

115 54.9 31.3 93.9

150 156.2 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

