

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
 Data File : VW008109.D
 Acq On : 09 Jan 2019 17:57
 Operator : SY/AP
 Sample : K1074-08
 Misc : 3.97G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 W12-4

Quant Time: Jan 10 06:44:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	85644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	145716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	130144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59936	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	49057	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
35) Dibromofluoromethane	7.88	113	45324	53.33	ug/l	0.00
Spiked Amount			Recovery	=	106.66%	
50) Toluene-d8	10.32	98	184390	51.70	ug/l	0.00
Spiked Amount			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.62	95	60786	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	

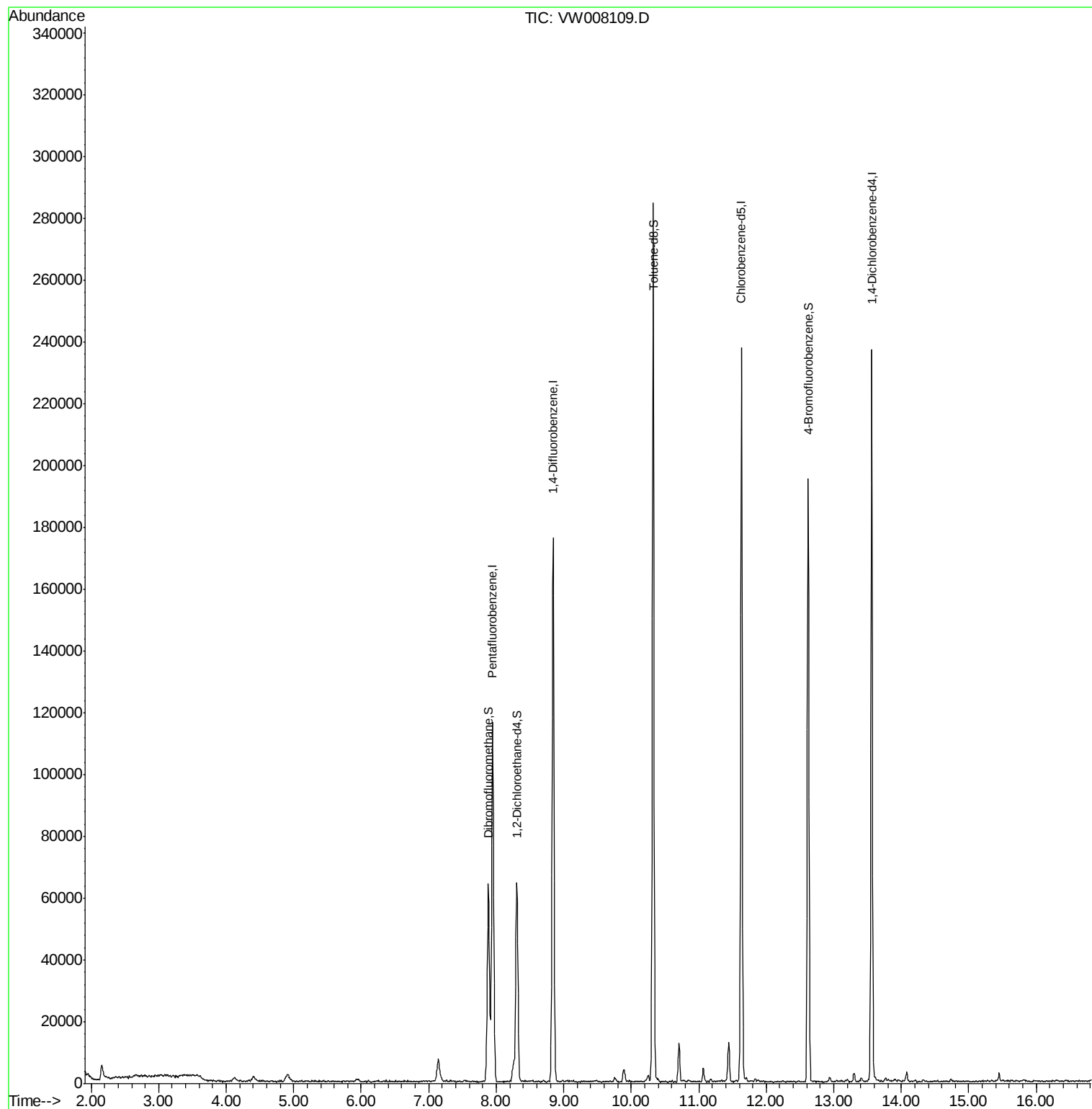
Target Compounds	Qvalue
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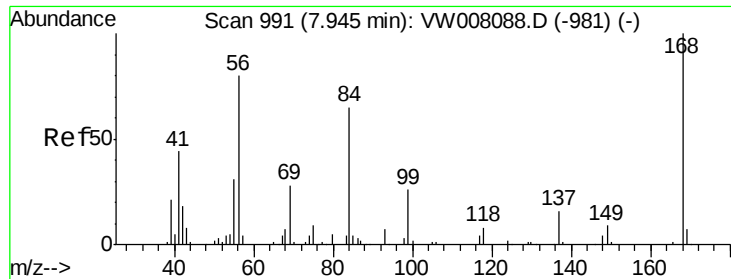
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008109.D

Acq: 09 Jan 2019 17:57

Instrument :

MSVOA_W

ClientSampleId :

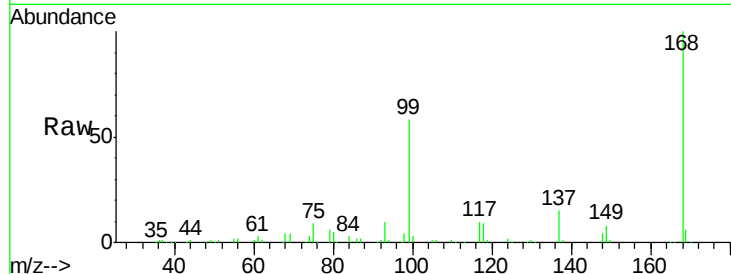
W12-4

Tot Ion:168 Resp: 85644

Ion Ratio Lower Upper

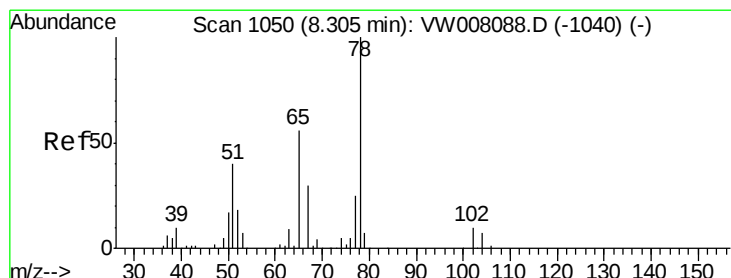
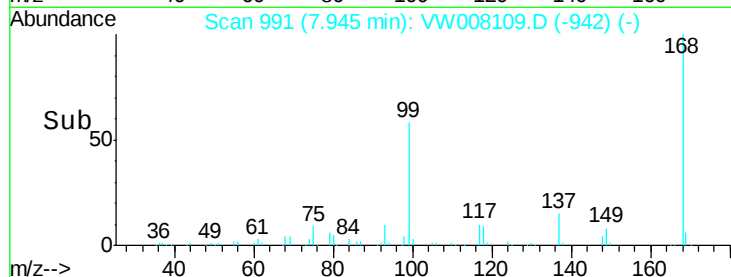
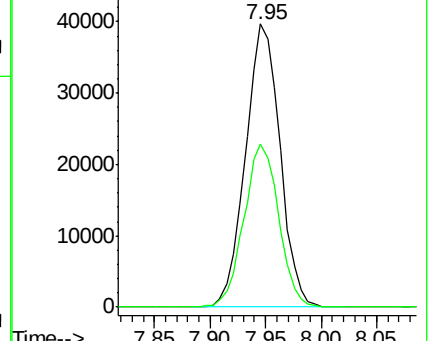
168 100

99 57.7 52.6 78.8



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: 50.965 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008109.D

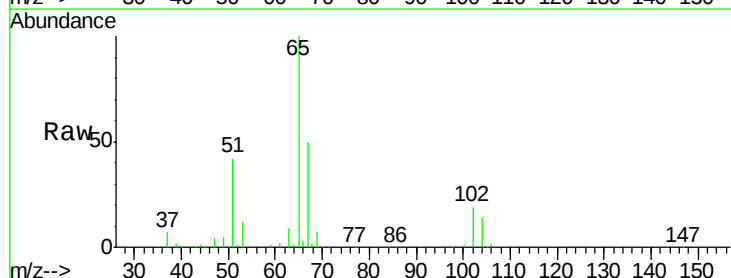
Acq: 09 Jan 2019 17:57

Tgt Ion: 65 Resp: 49057

Ion Ratio Lower Upper

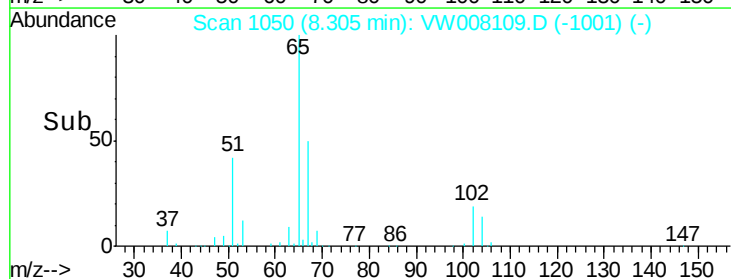
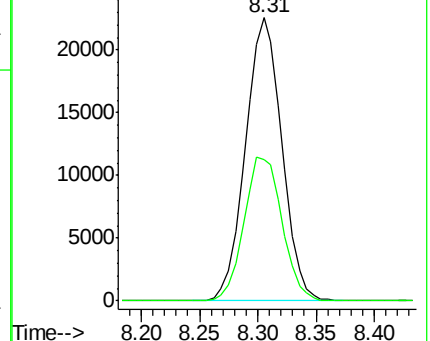
65 100

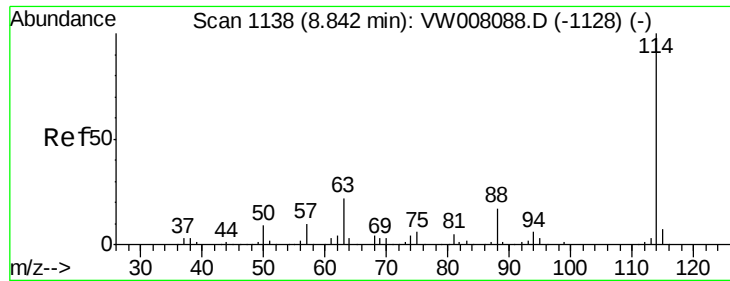
67 53.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

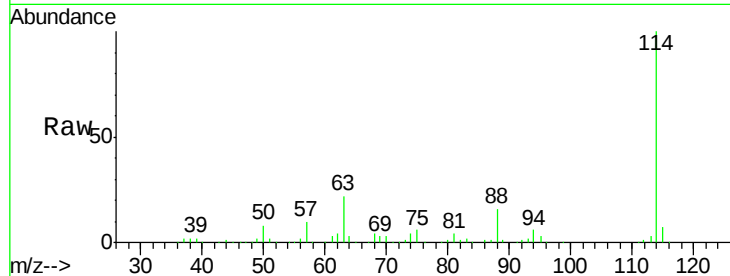




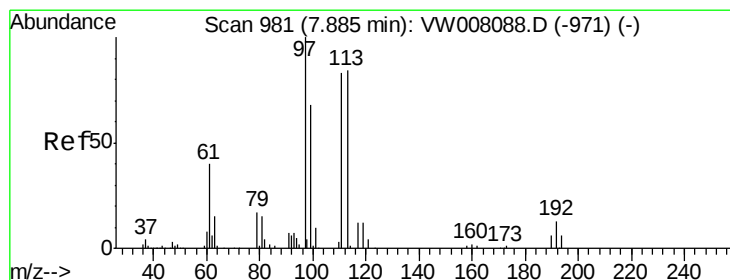
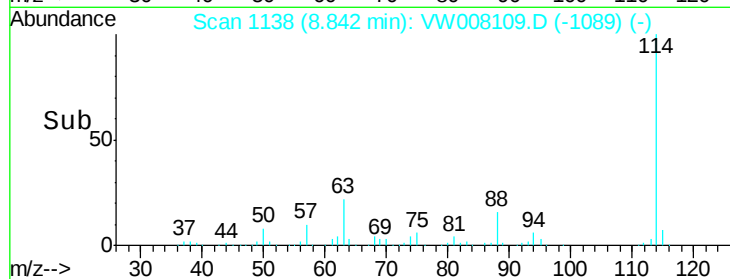
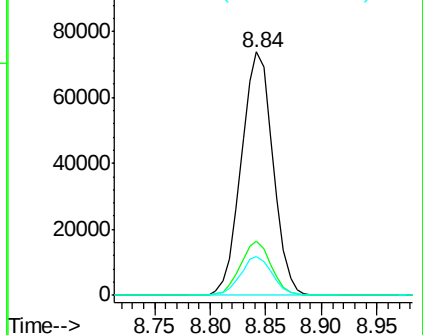
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008109.D
 Acq: 09 Jan 2019 17:57

Instrument :
 MSVOA_W
 ClientSampleId :
 W12-4

Tot Ion:114 Resp: 145716
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.4
 88 15.7 0.0 33.4

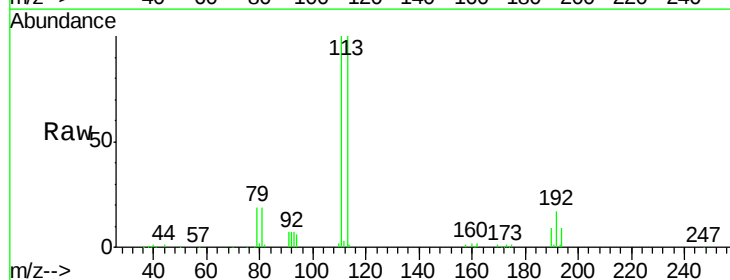


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

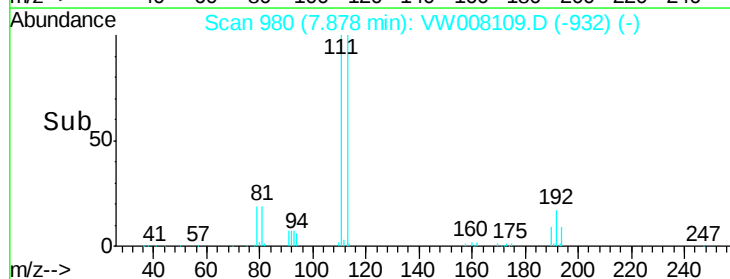
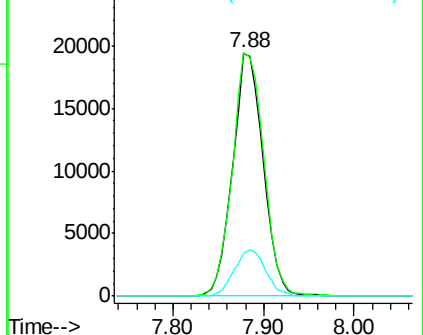


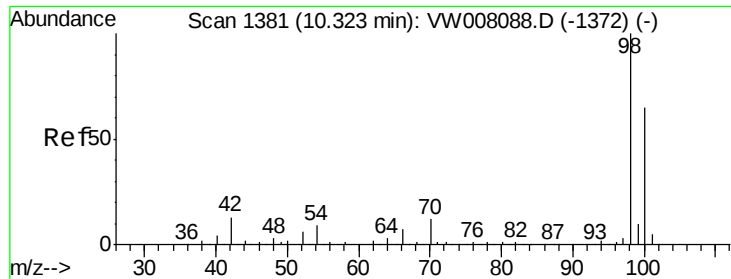
#35
 Dibromofluoromethane
 Concen: 53.330 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008109.D
 Acq: 09 Jan 2019 17:57

Tgt Ion:113 Resp: 45324
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.8 122.8
 192 19.5 12.8 19.2#



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: 51.702 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008109.D

Acq: 09 Jan 2019 17:57

Instrument :

MSVOA_W

ClientSampleId :

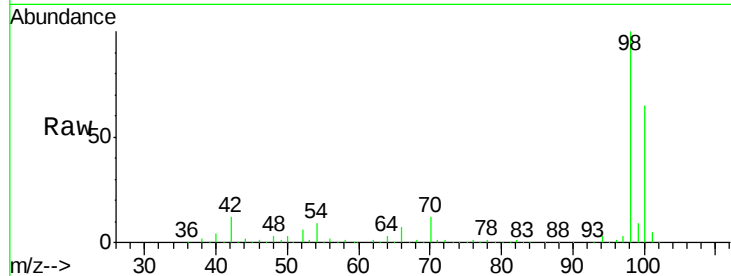
W12-4

Tot Ion: 98 Resp: 184390

Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

120000

100000

80000

60000

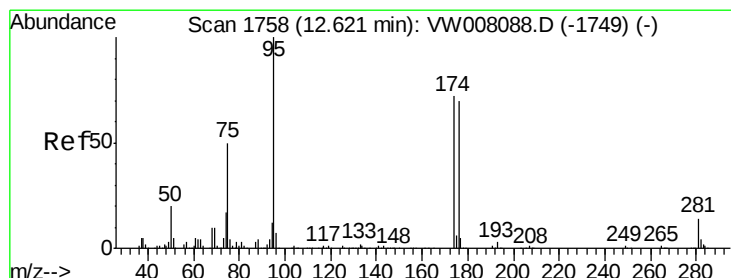
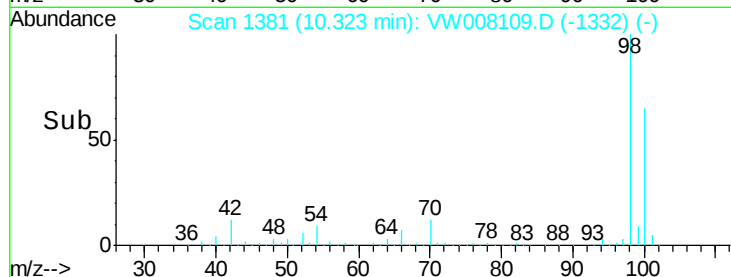
40000

20000

0

Time-->

10.30 10.40



#62

4-Bromofluorobenzene

Concen: 47.543 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008109.D

Acq: 09 Jan 2019 17:57

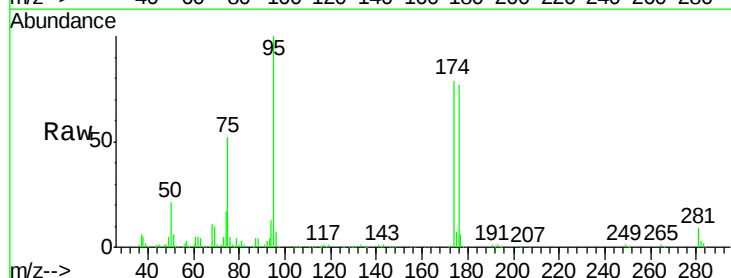
Tgt Ion: 95 Resp: 60786

Ion Ratio Lower Upper

95 100

174 78.0 0.0 143.0

176 75.7 0.0 140.2



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

50000

40000

30000

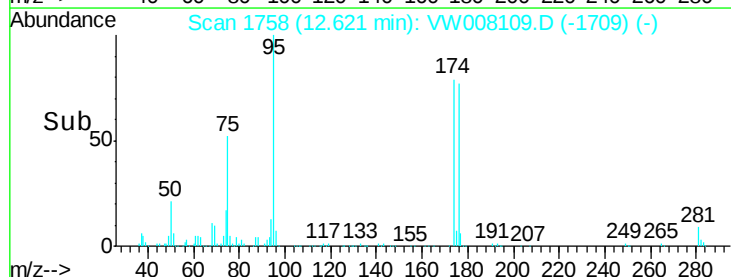
20000

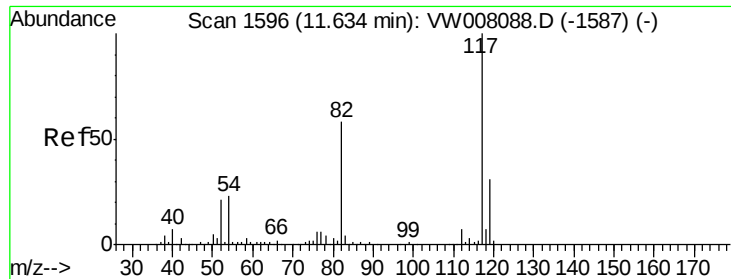
10000

0

Time-->

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: VW008109.D

Acq: 09 Jan 2019 17:57

Instrument :

MSVOA_W

ClientSampled :

W12-4

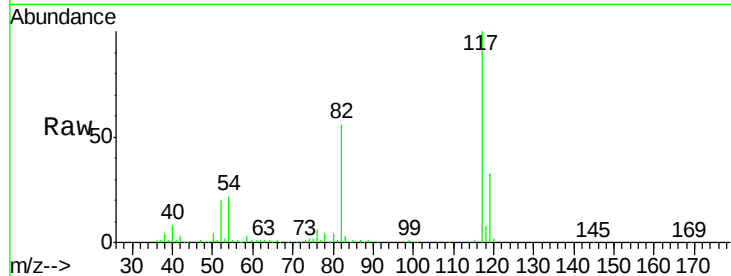
Tot Ion:117 Resp: 130144

Ion Ratio Lower Upper

117 100

82 56.5 46.4 69.6

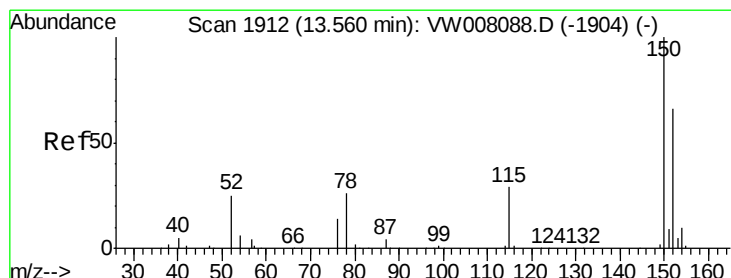
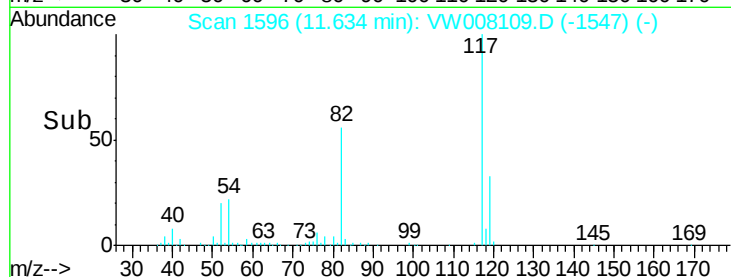
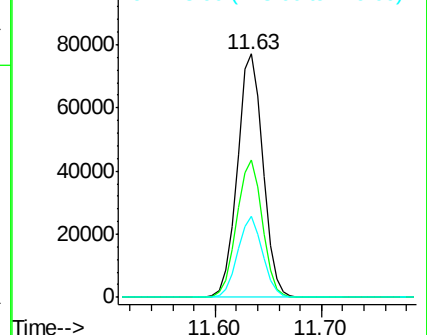
119 33.1 24.7 37.1



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: VW008109.D

Acq: 09 Jan 2019 17:57

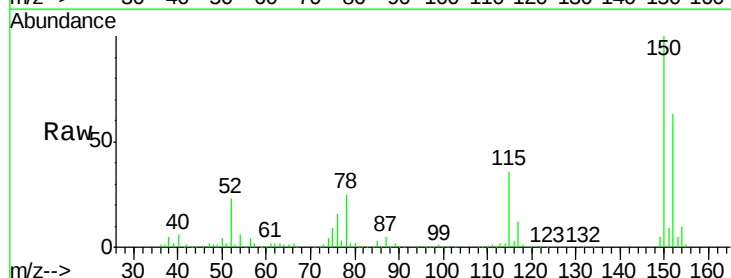
Tgt Ion:152 Resp: 59936

Ion Ratio Lower Upper

152 100

115 57.7 30.8 92.4

150 157.5 0.0 350.2



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

