

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011719\
 Data File : VW008343.D
 Acq On : 17 Jan 2019 22:00
 Operator : SY/VA
 Sample : K1173-05
 Misc : 6.42G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-5124

Quant Time: Jan 18 01:54:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	4799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	8884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	8094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	3051	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	4744	95.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.06%	
35) Dibromofluoromethane	7.88	113	3824	67.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.86%	
50) Toluene-d8	10.32	98	11002	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.62	95	3224	40.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.70%	

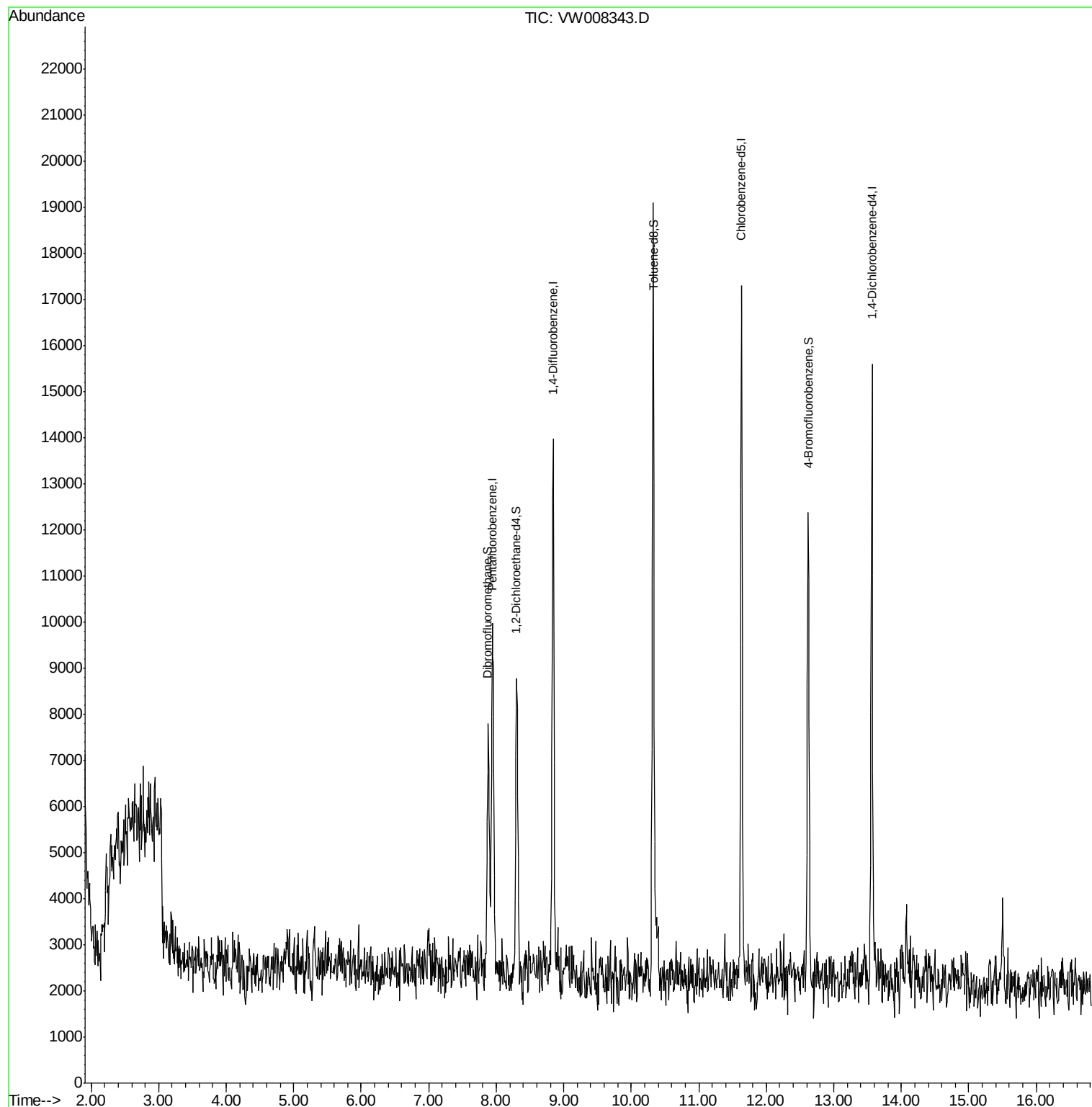
Target Compounds	Qvalue

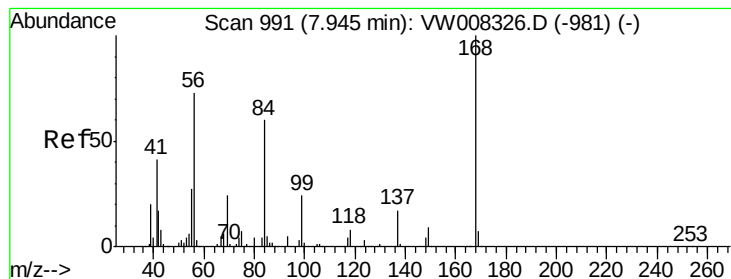
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008343.D

Acq: 17 Jan 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

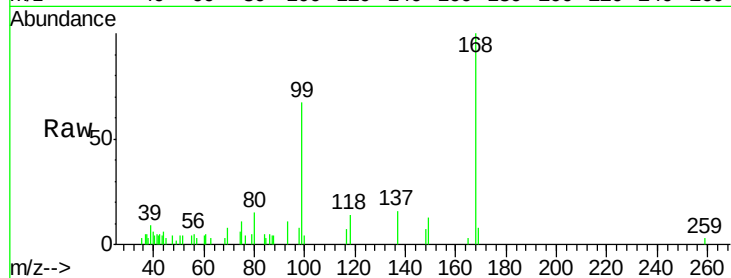
RT-5124

Tot Ion:168 Resp: 4799

Ion Ratio Lower Upper

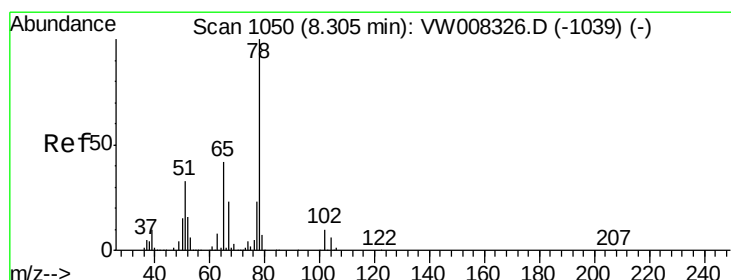
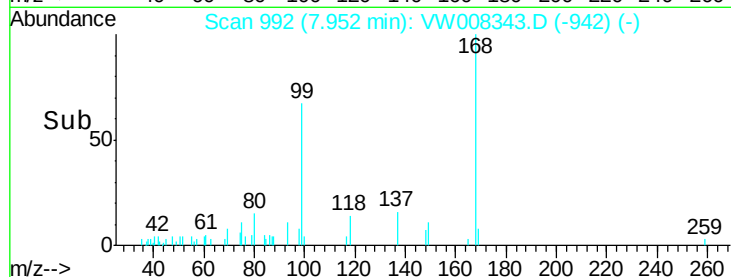
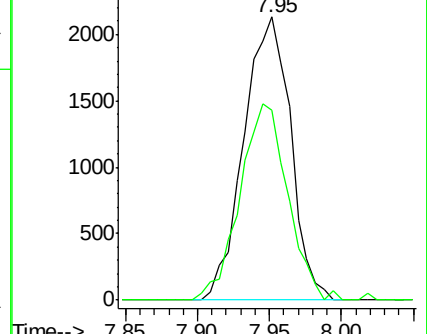
168 100

99 67.1 44.6 66.8#



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: 95.031 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008343.D

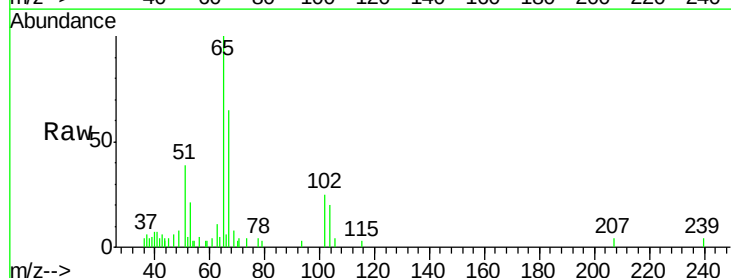
Acq: 17 Jan 2019 22:00

Tgt Ion: 65 Resp: 4744

Ion Ratio Lower Upper

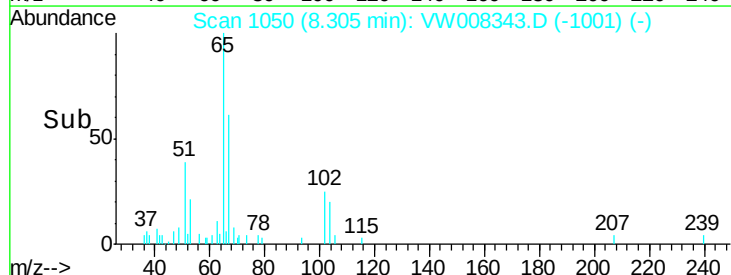
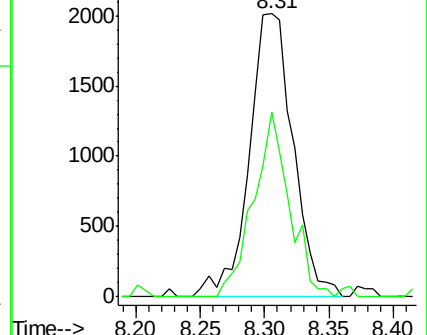
65 100

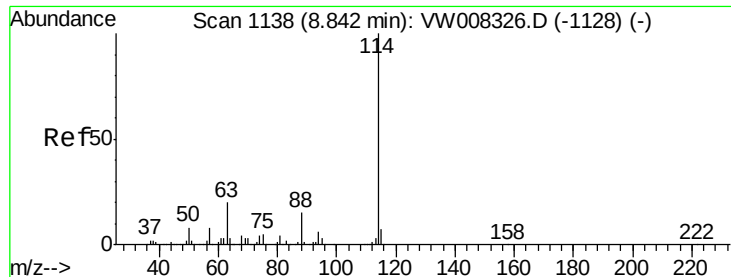
67 53.8 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

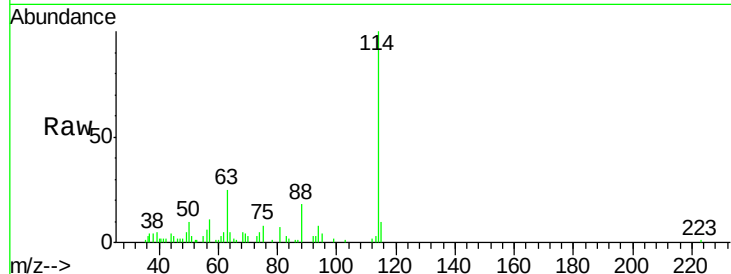




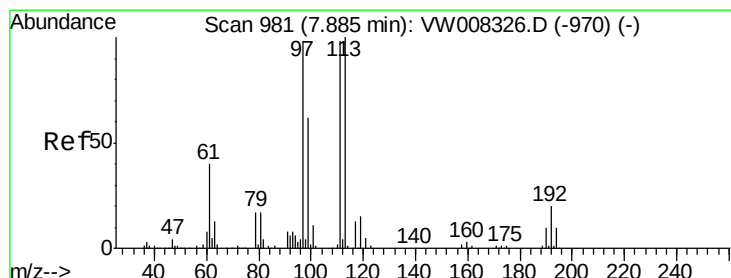
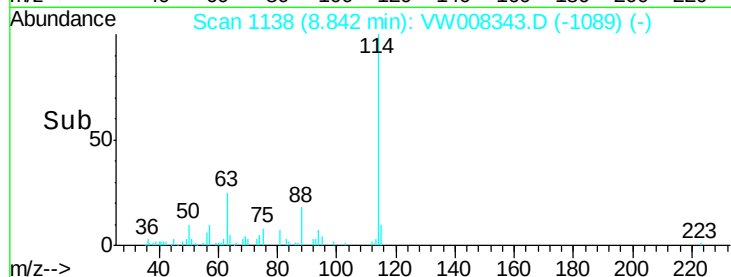
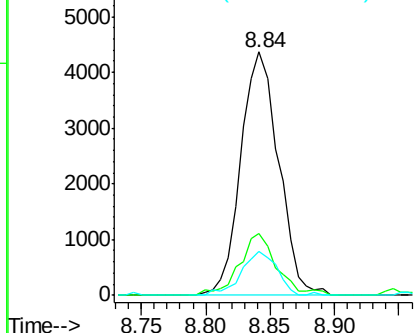
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008343.D
 Acq: 17 Jan 2019 22:00

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-5124

Tot Ion:114 Resp: 8884
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 40.8
 88 17.9 0.0 30.4

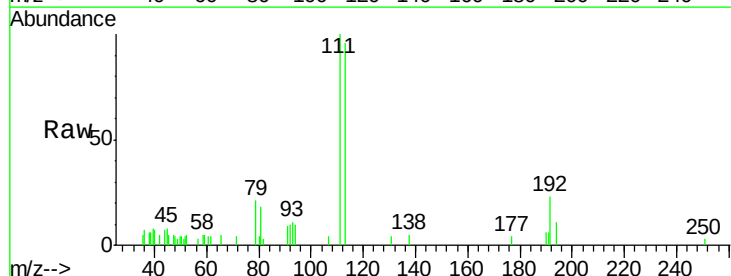


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

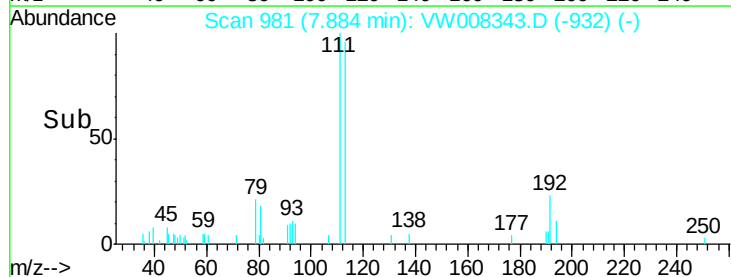
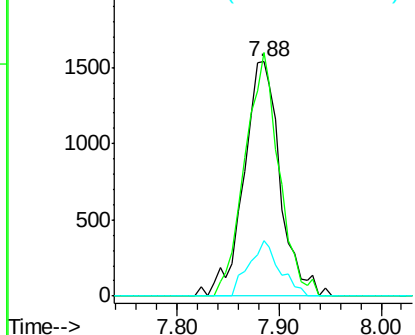


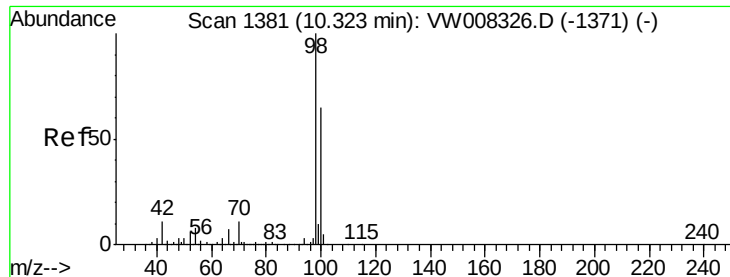
#35
 Dibromofluoromethane
 Concen: 67.431 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008343.D
 Acq: 17 Jan 2019 22:00

Tgt Ion:113 Resp: 3824
 Ion Ratio Lower Upper
 113 100
 111 97.4 81.8 122.8
 192 19.9 16.3 24.5



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: 49.384 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008343.D

Acq: 17 Jan 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

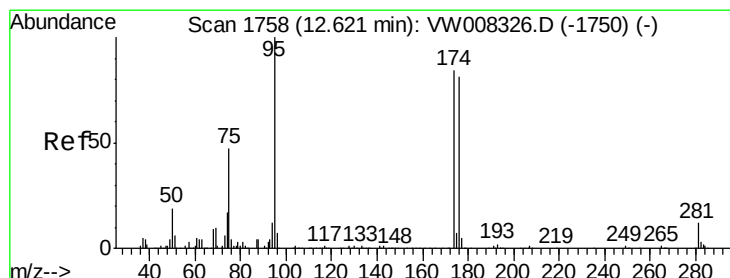
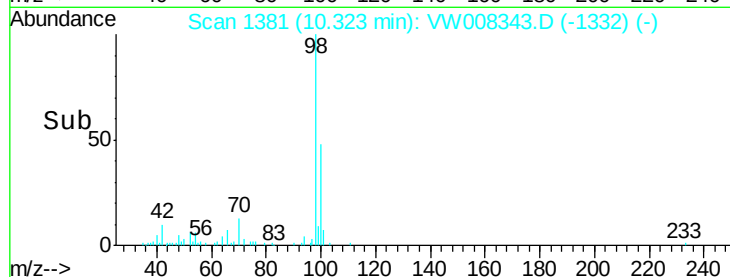
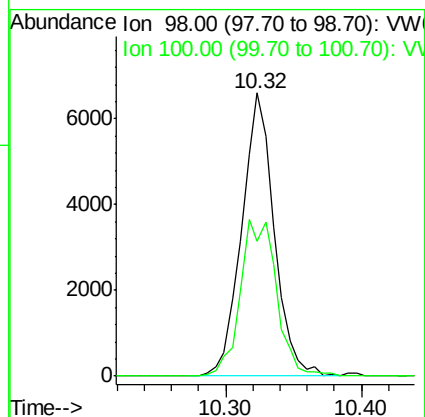
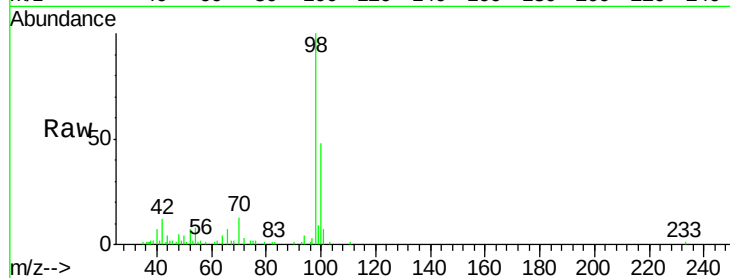
RT-5124

Tot Ion: 98 Resp: 11002

Ion Ratio Lower Upper

98 100

100 61.6 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 40.349 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008343.D

Acq: 17 Jan 2019 22:00

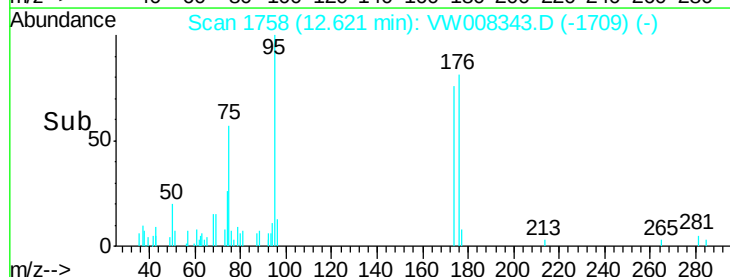
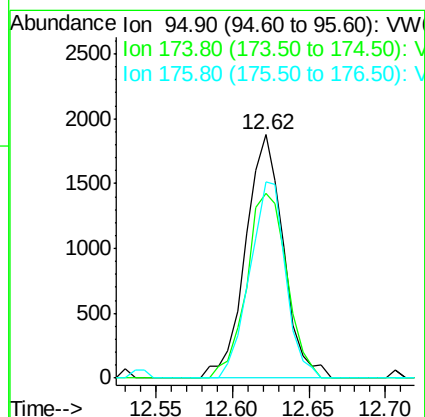
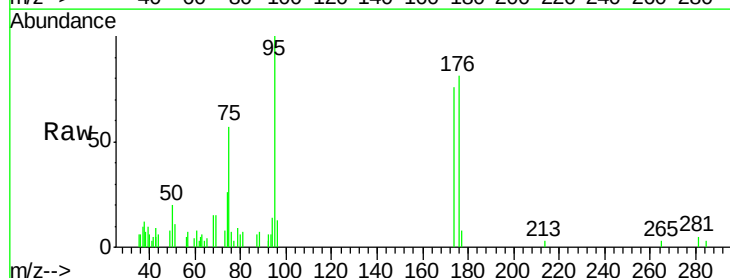
Tgt Ion: 95 Resp: 3224

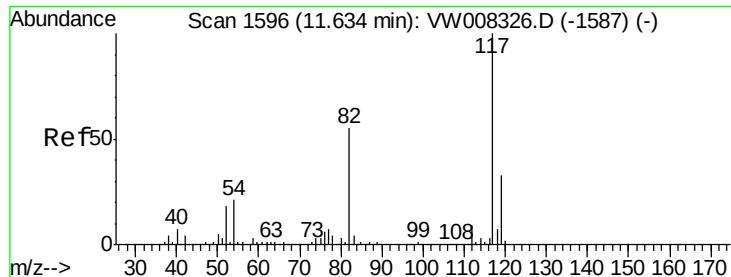
Ion Ratio Lower Upper

95 100

174 81.1 0.0 166.0

176 76.3 0.0 160.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008343.D

Acq: 17 Jan 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

RT-5124

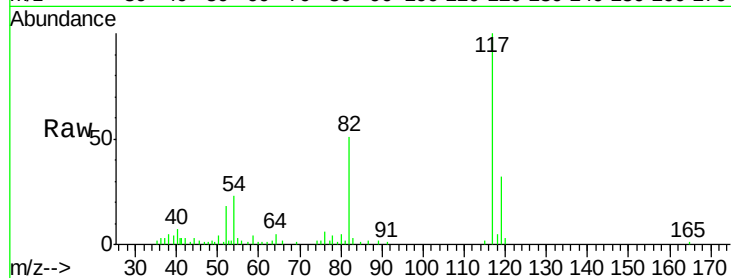
Tot Ion:117 Resp: 8094

Ion Ratio Lower Upper

117 100

82 50.9 44.3 66.5

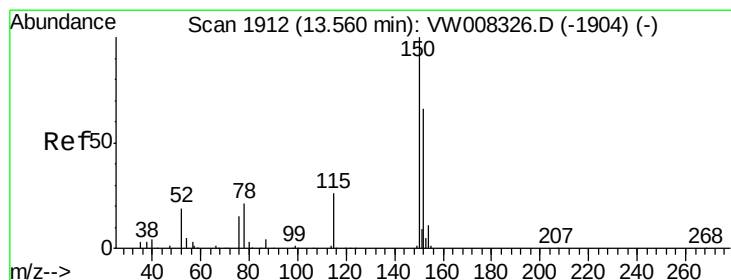
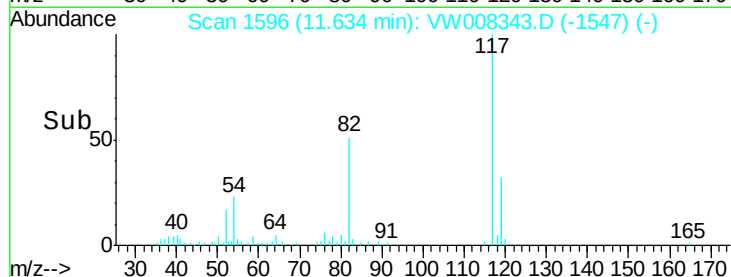
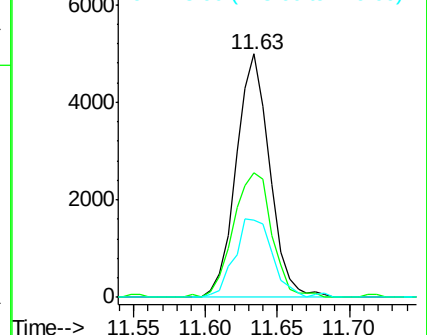
119 31.8 26.3 39.5



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: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW008343.D

Acq: 17 Jan 2019 22:00

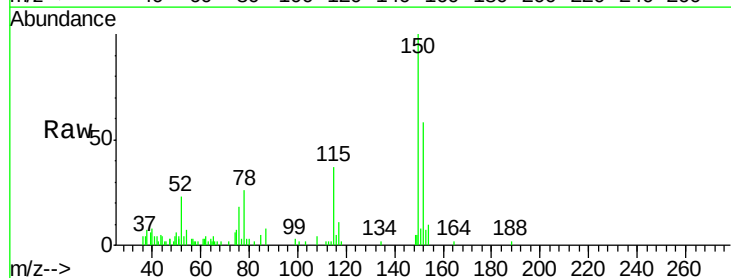
Tgt Ion:152 Resp: 3051

Ion Ratio Lower Upper

152 100

115 65.7 28.8 86.4

150 169.2 0.0 351.4



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

