

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013674.D
 Acq On : 23 Oct 2019 18:24
 Operator : SY/VA
 Sample : K5501-14
 Misc : 6.06G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 184-40-(2)

Quant Time: Oct 24 08:11:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	289559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	362998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160896	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	120126	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	
35) Dibromofluoromethane	7.88	113	125912	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
50) Toluene-d8	10.32	98	496751	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.61	95	152840	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	

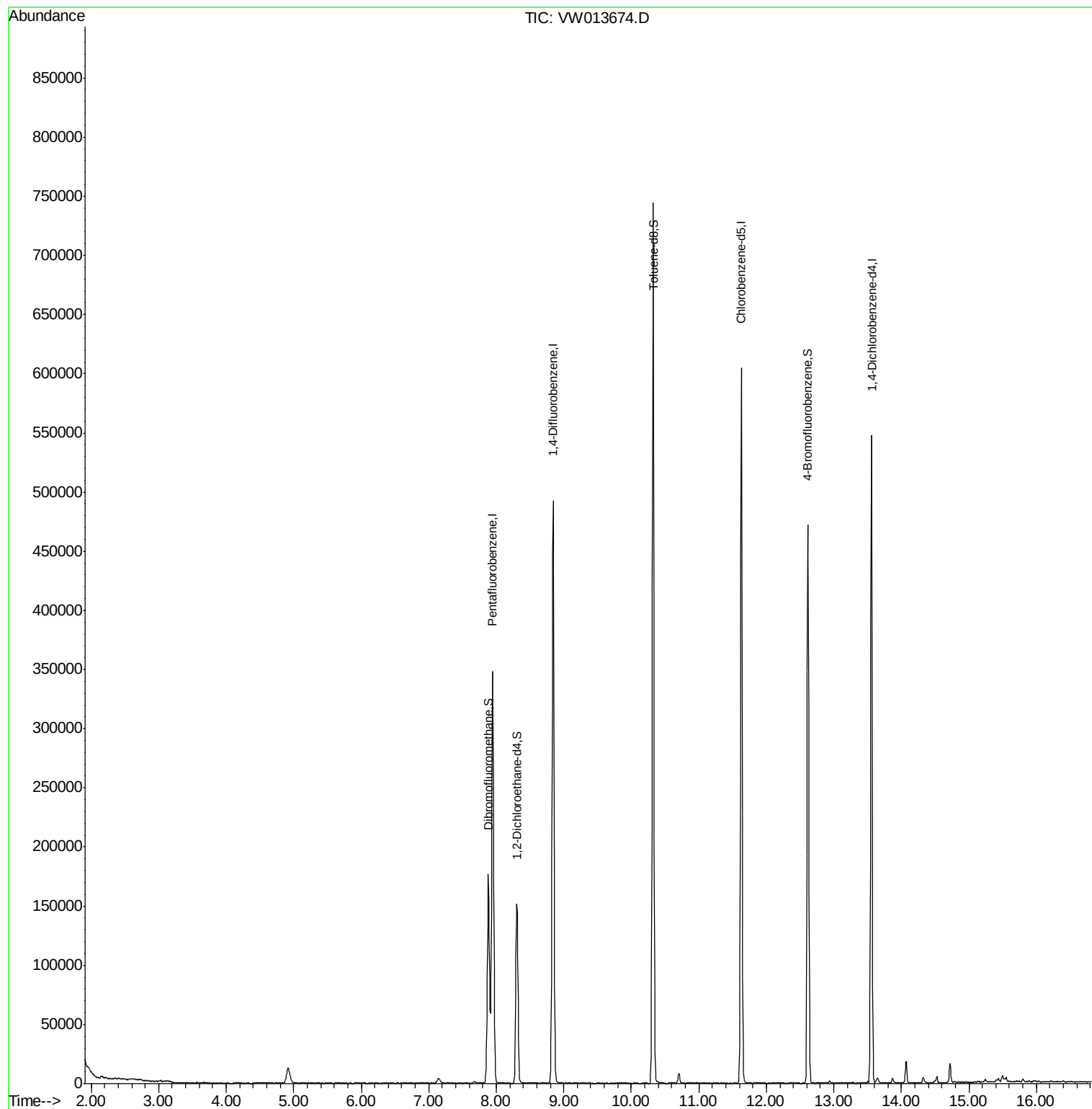
Target Compounds	Qvalue

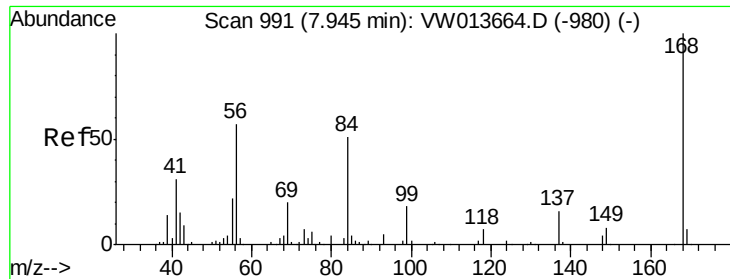
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

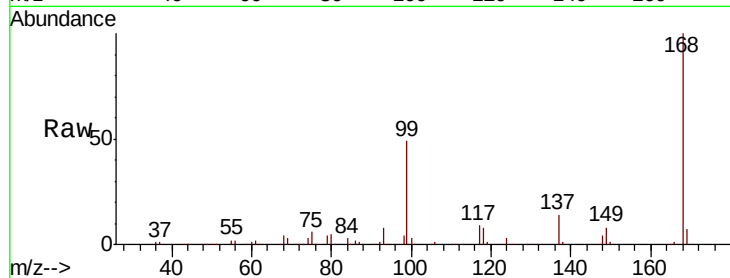
184-40-(2)

Tot Ion:168 Resp: 289559

Ion Ratio Lower Upper

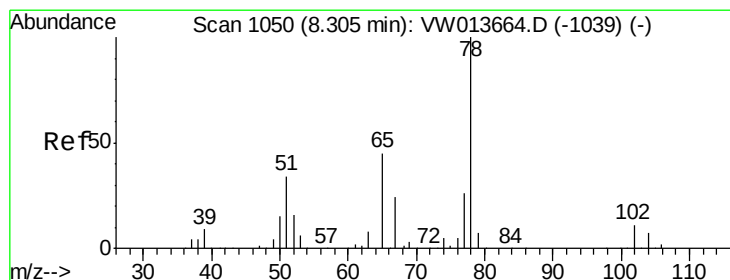
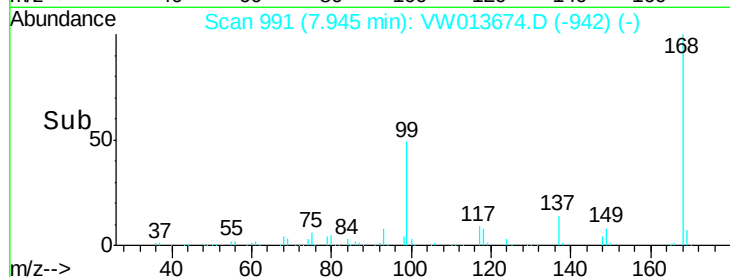
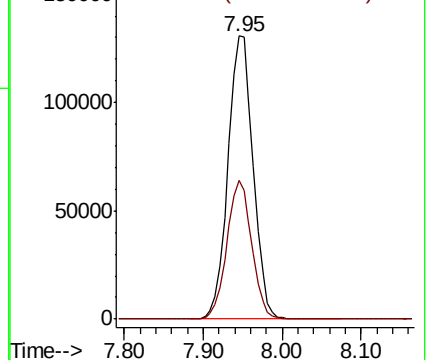
168 100

99 48.9 39.0 58.6



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: 55.302 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013674.D

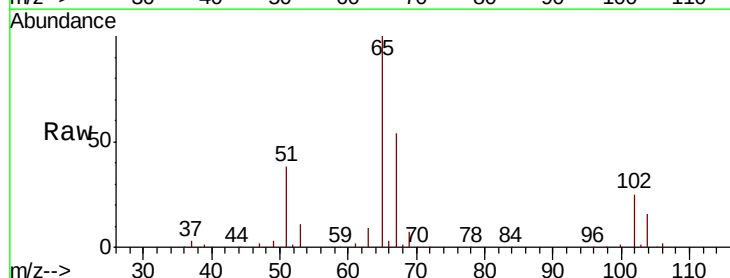
Acq: 23 Oct 2019 18:24

Tgt Ion: 65 Resp: 120126

Ion Ratio Lower Upper

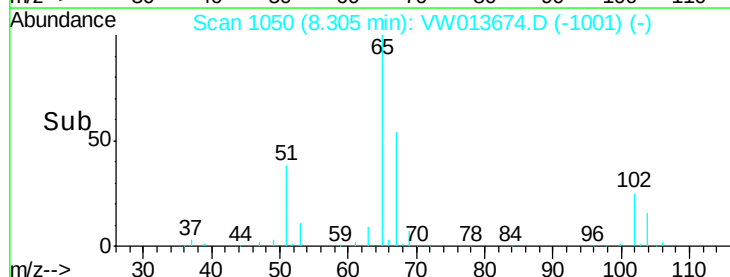
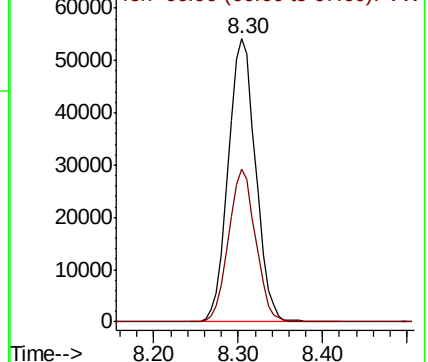
65 100

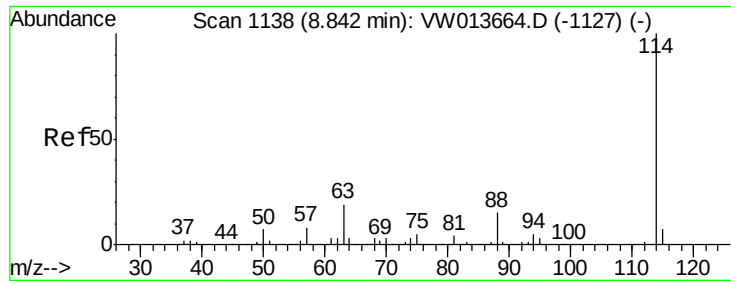
67 53.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

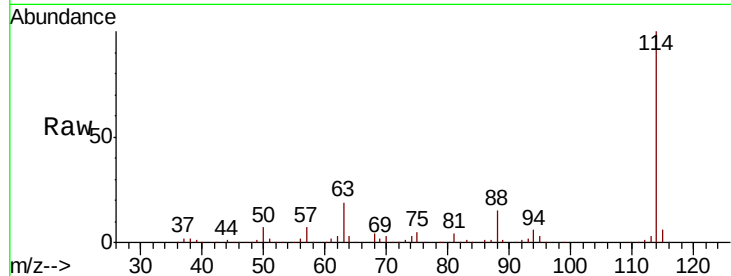




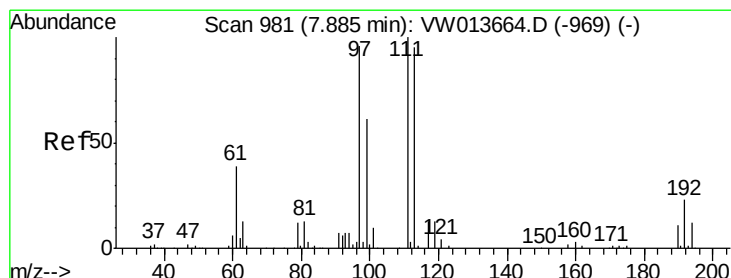
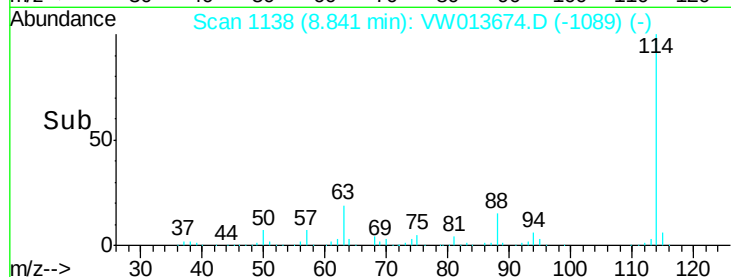
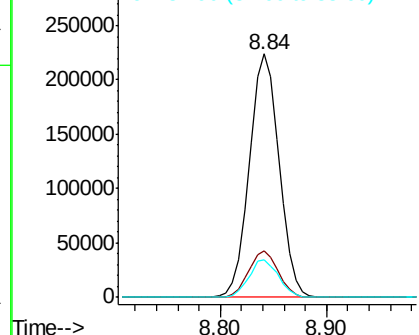
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013674.D
Acq: 23 Oct 2019 18:24

Instrument :
MSVOA_W
ClientSampleId :
184-40-(2)

Tot Ion:114 Resp: 439686
Ion Ratio Lower Upper
114 100
63 19.0 0.0 37.6
88 15.5 0.0 30.2

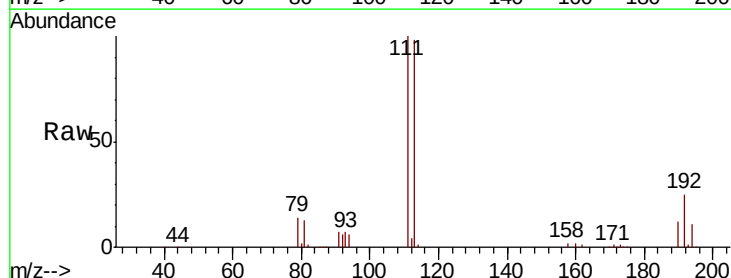


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

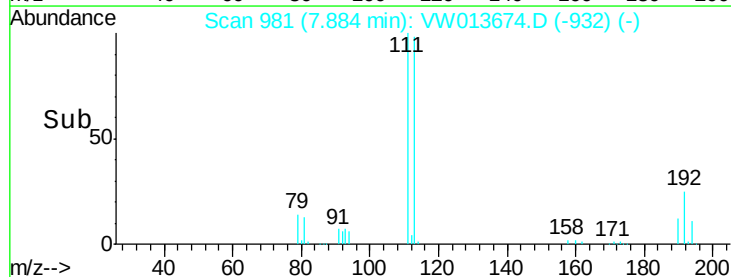
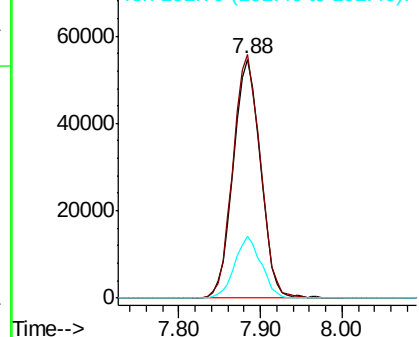


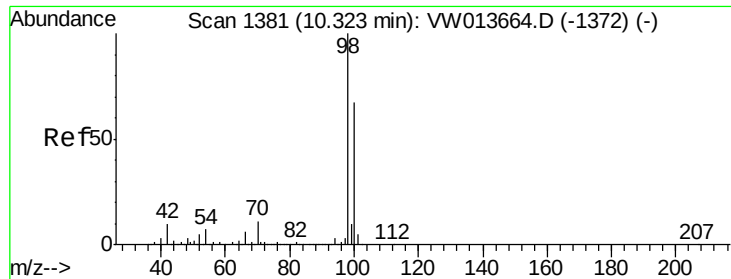
#35
Dibromofluoromethane
Concen: 51.537 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW013674.D
Acq: 23 Oct 2019 18:24

Tgt Ion:113 Resp: 125912
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.6
192 25.0 19.4 29.2



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: 49.899 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013674.D

Acq: 23 Oct 2019 18:24

Instrument :

MSVOA_W

ClientSampleId :

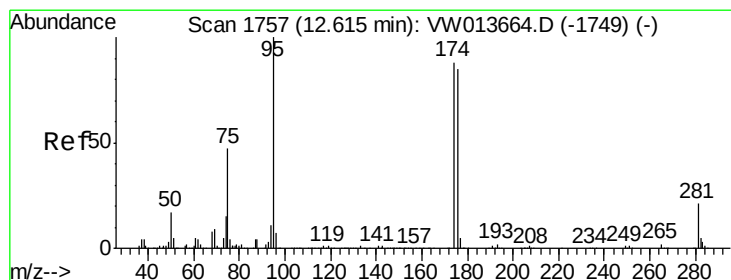
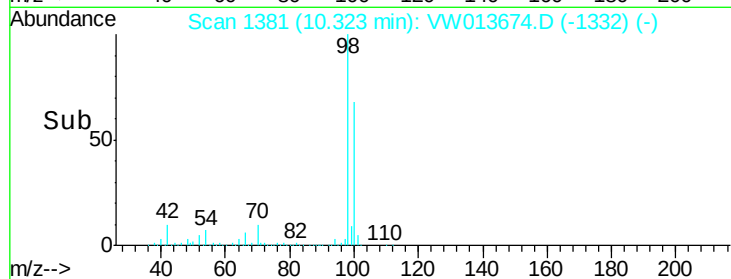
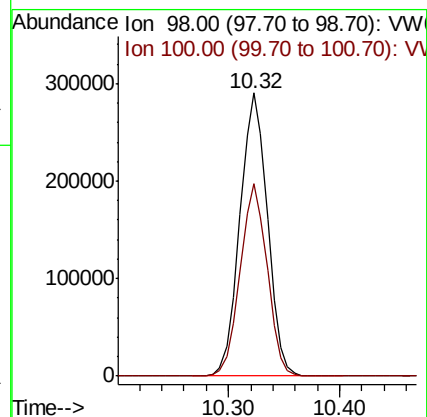
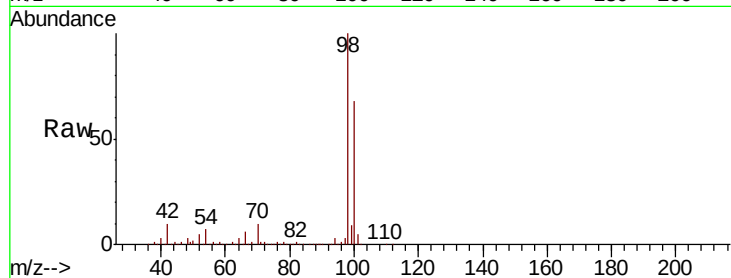
184-40-(2)

Tot Ion: 98 Resp: 496751

Ion Ratio Lower Upper

98 100

100 66.6 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 45.342 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013674.D

Acq: 23 Oct 2019 18:24

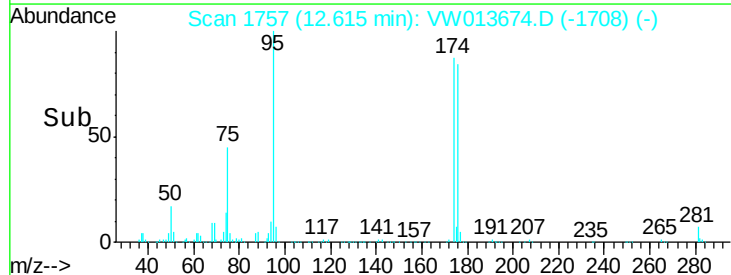
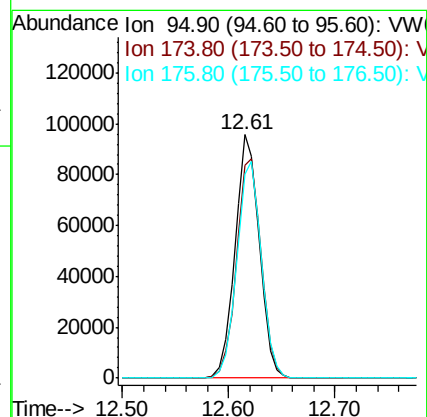
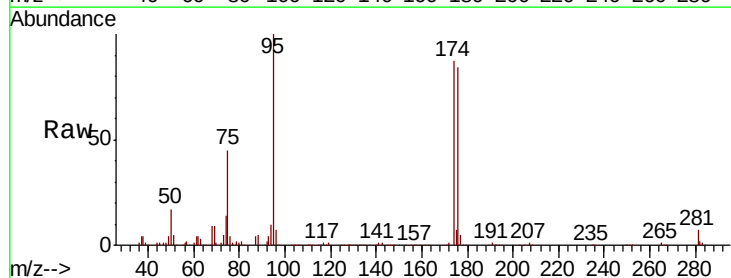
Tgt Ion: 95 Resp: 152840

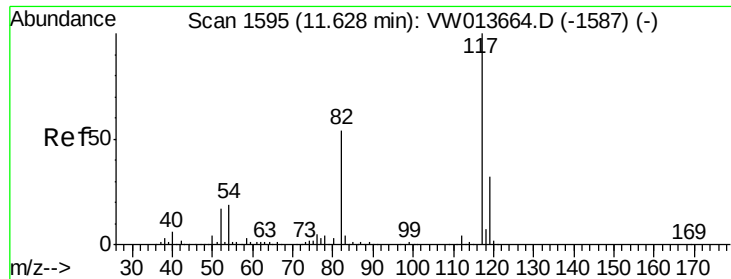
Ion Ratio Lower Upper

95 100

174 92.2 0.0 183.6

176 89.9 0.0 178.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013674.D

Acq: 23 Oct 2019 18:24

Instrument :

MSVOA_W

ClientSampleId :

184-40-(2)

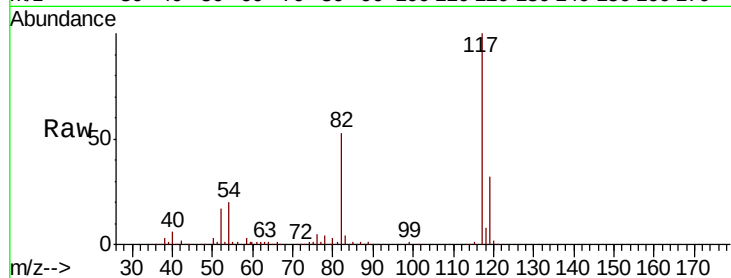
Tot Ion:117 Resp: 362998

Ion Ratio Lower Upper

117 100

82 52.5 43.6 65.4

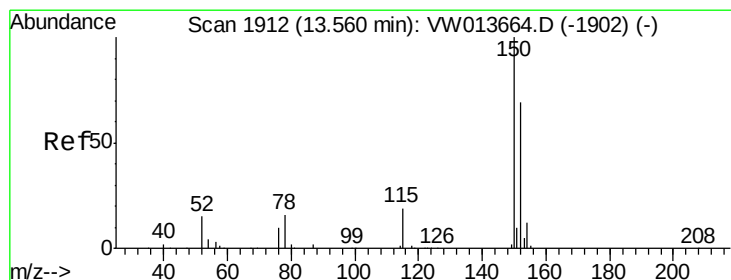
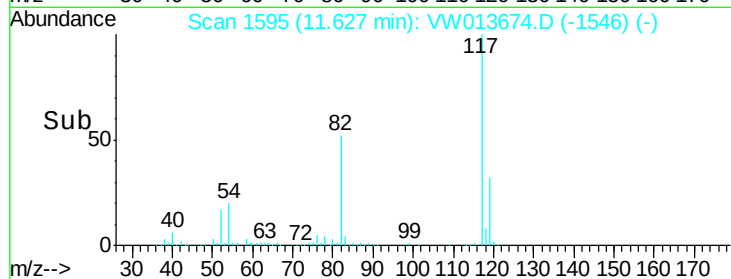
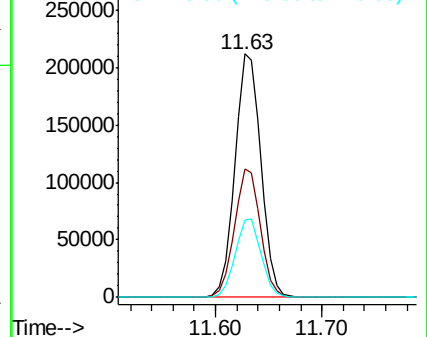
119 31.9 25.4 38.2



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: VW013674.D

Acq: 23 Oct 2019 18:24

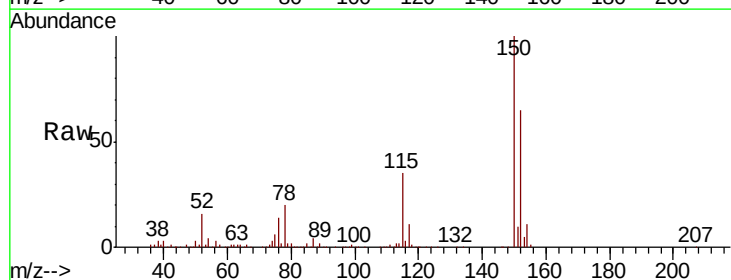
Tgt Ion:152 Resp: 160896

Ion Ratio Lower Upper

152 100

115 54.0 27.4 82.2

150 157.4 0.0 345.4



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

