

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012874.D
 Acq On : 10 Sep 2019 16:50
 Operator : SY/VA
 Sample : K4692-05
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-30-9.5-10.0

Quant Time: Sep 10 18:19:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

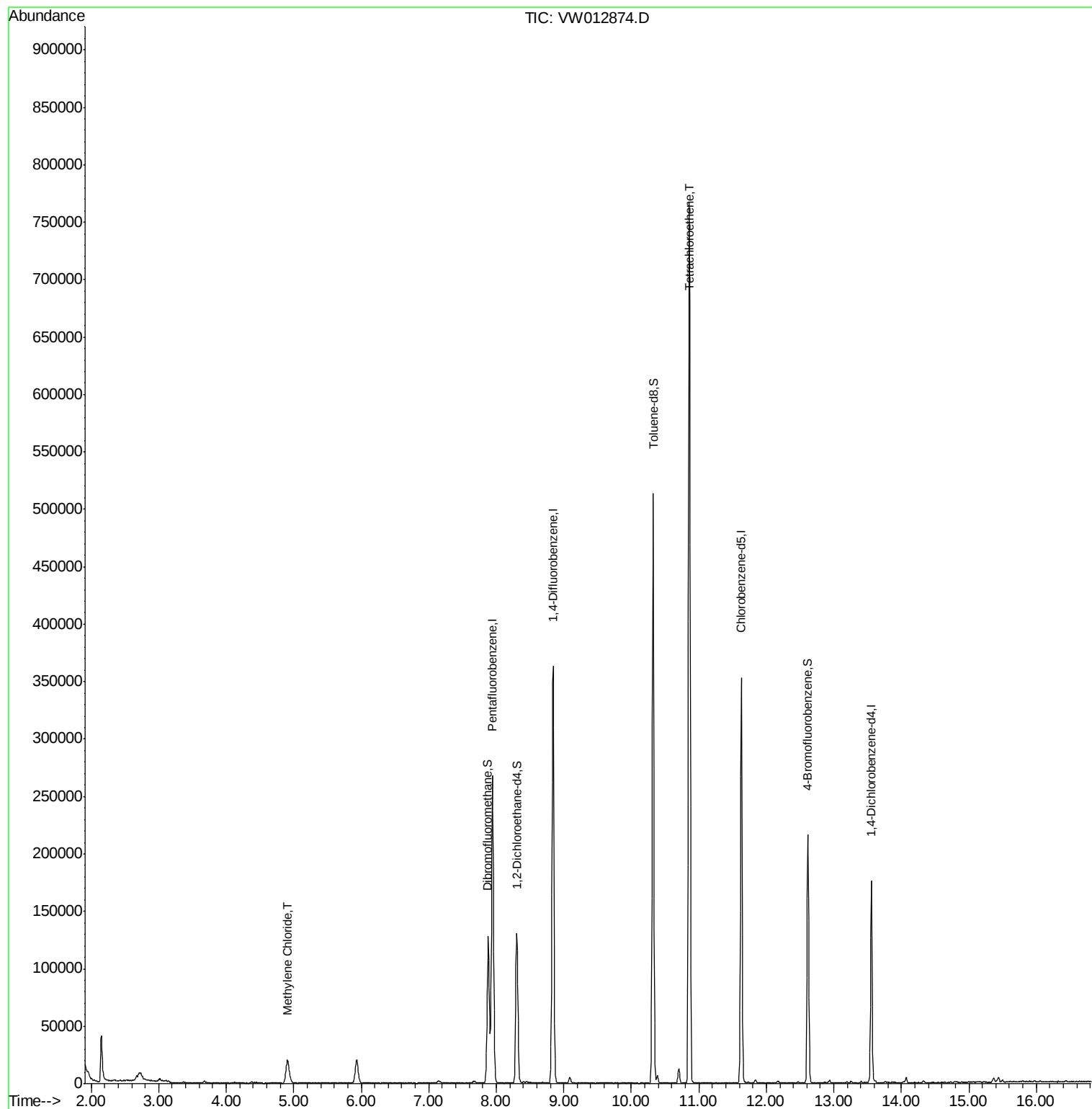
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	301941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	193032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	46260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	105334	45.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.30%	
35) Dibromofluoromethane	7.88	113	91001	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	10.32	98	327930	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
62) 4-Bromofluorobenzene	12.62	95	67990	26.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.26%	
Target Compounds						
20) Methylene Chloride	4.90	84	16367	8.316	ug/l	91
64) Tetrachloroethene	10.86	164	182828	156.093	ug/l	98

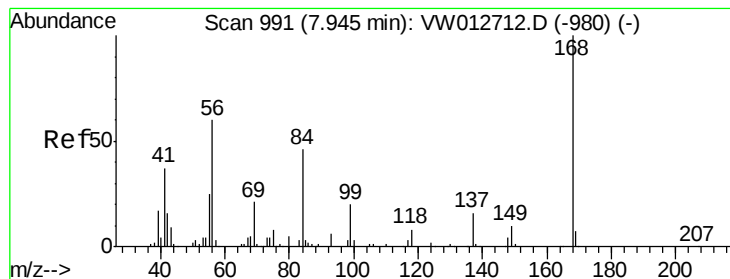
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012874.D

Acq: 10 Sep 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

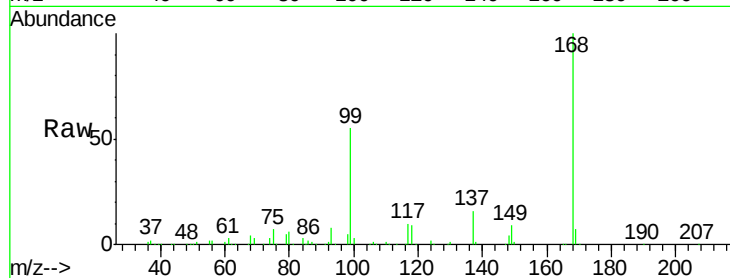
SB-30-9.5-10.0

Tot Ion:168 Resp: 206517

Ion Ratio Lower Upper

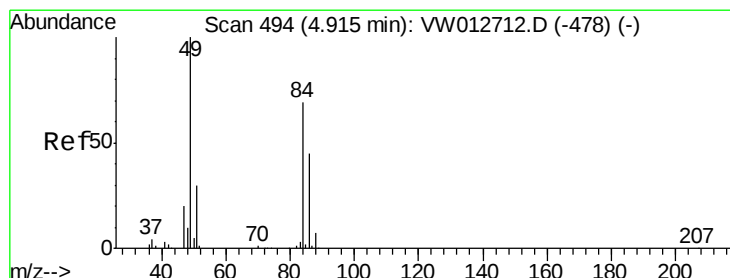
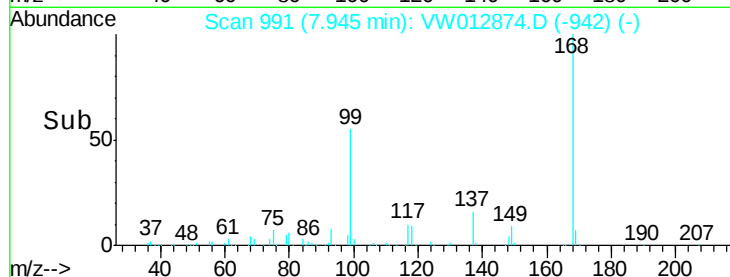
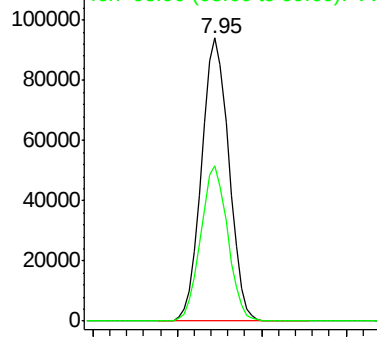
168 100

99 54.9 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 8.316 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW012874.D

Acq: 10 Sep 2019 16:50

Tgt Ion: 84 Resp: 16367

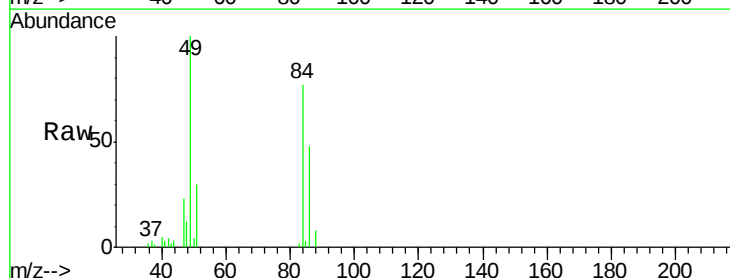
Ion Ratio Lower Upper

84 100

49 129.5 115.4 173.0

51 39.1 34.9 52.3

86 62.1 52.2 78.4

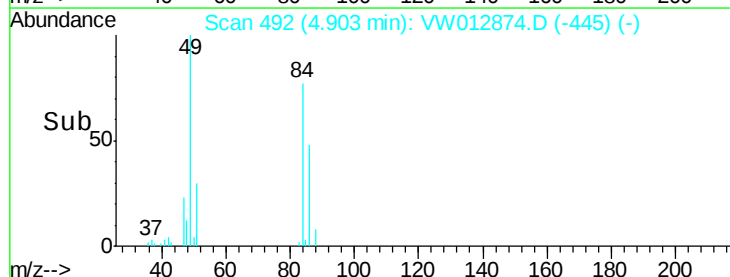
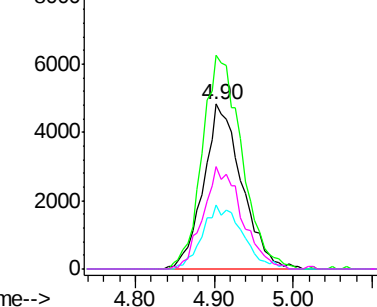


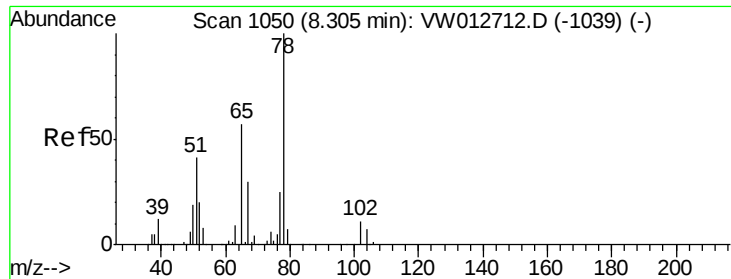
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#33

1,2-Dichloroethane-d4

Concen: 45.649 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012874.D

Acq: 10 Sep 2019 16:50

Instrument :

MSVOA_W

ClientSampled :

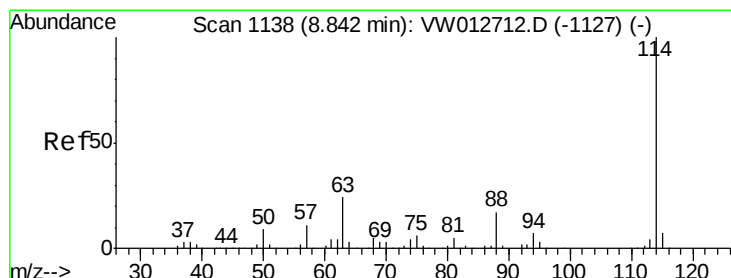
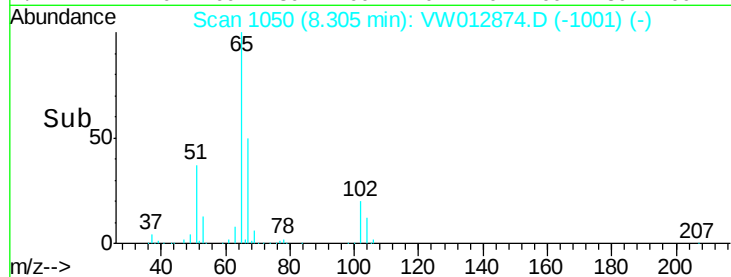
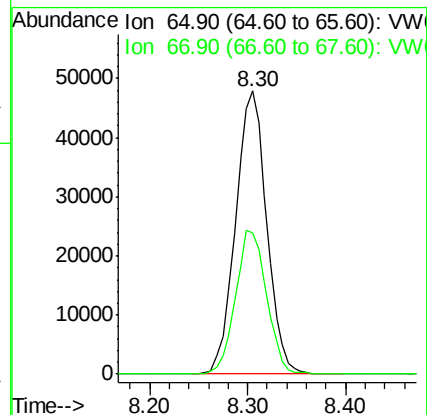
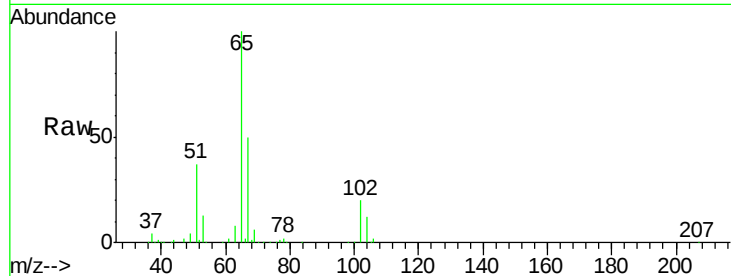
SB-30-9.5-10.0

Tot Ion: 65 Resp: 105334

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012874.D

Acq: 10 Sep 2019 16:50

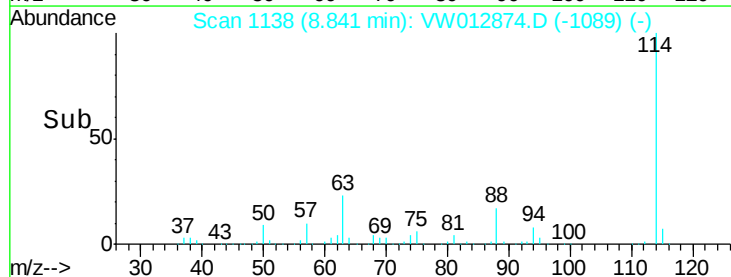
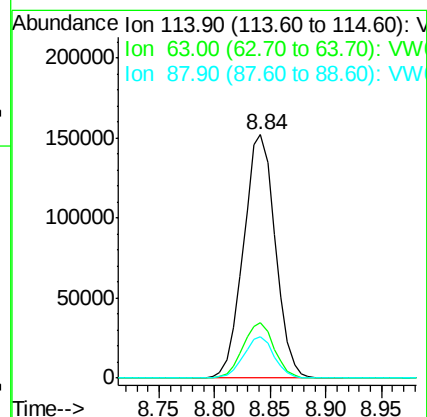
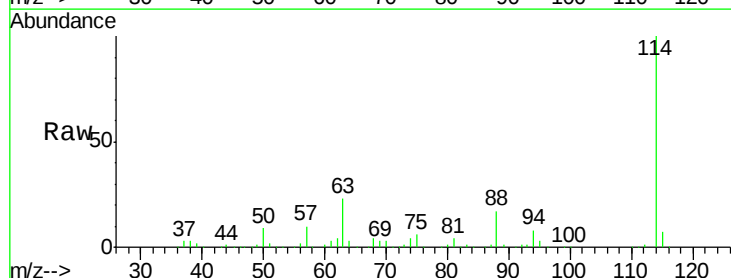
Tgt Ion: 114 Resp: 301941

Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.2

88 17.1 0.0 34.0

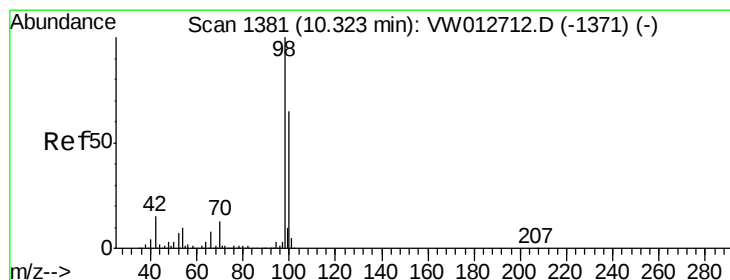
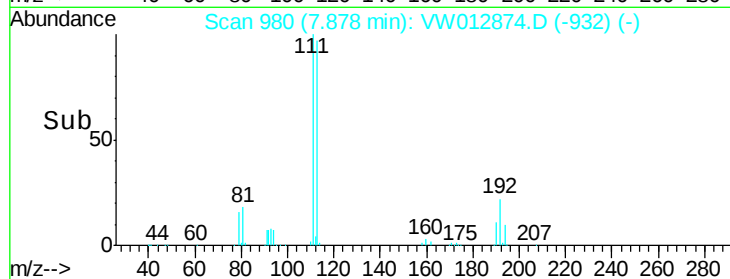
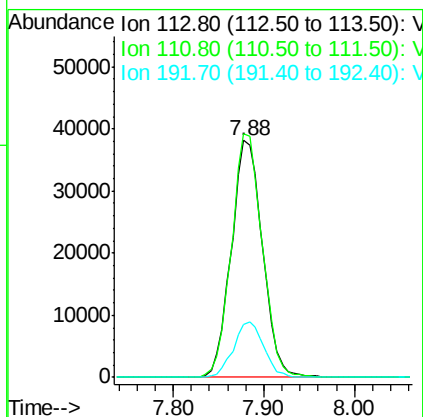
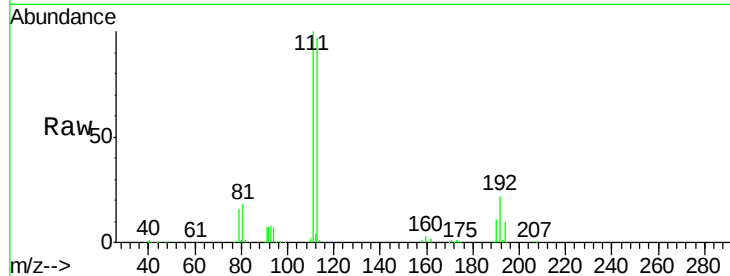




#35
Dibromofluoromethane
Concen: 50.693 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW012874.D
Acq: 10 Sep 2019 16:50

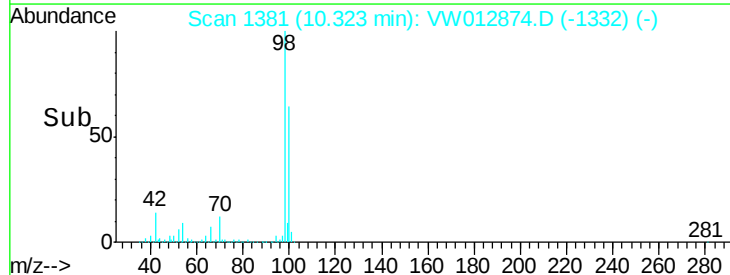
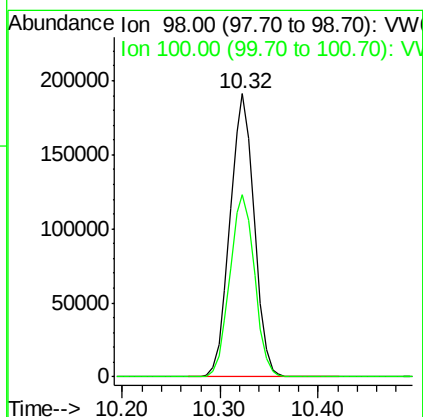
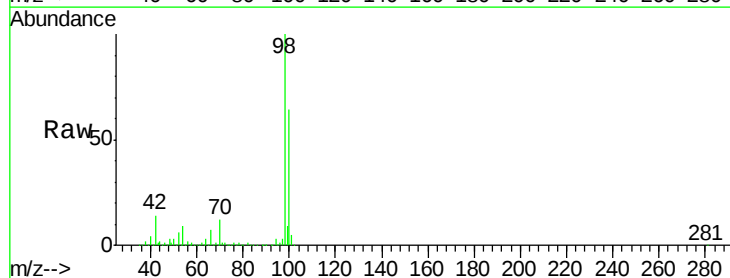
Instrument :
MSVOA_W
ClientSampleId :
SB-30-9.5-10.0

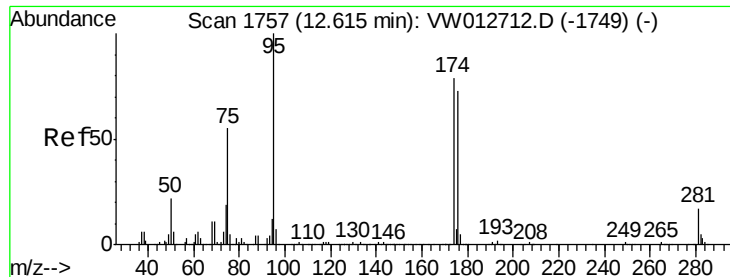
Tot Ion:113 Resp: 91001
Ion Ratio Lower Upper
113 100
111 101.4 80.2 120.4
192 22.6 17.3 25.9



#50
Toluene-d8
Concen: 46.628 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012874.D
Acq: 10 Sep 2019 16:50

Tgt Ion: 98 Resp: 327930
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 26.630 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012874.D

Acq: 10 Sep 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

SB-30-9.5-10.0

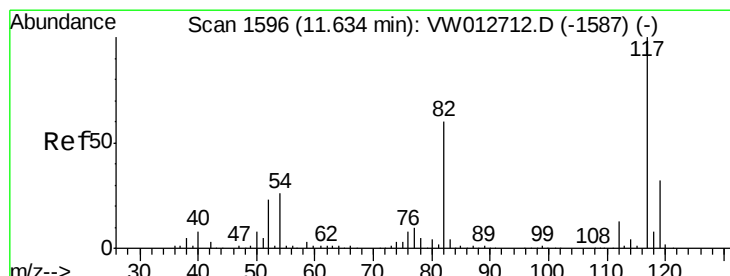
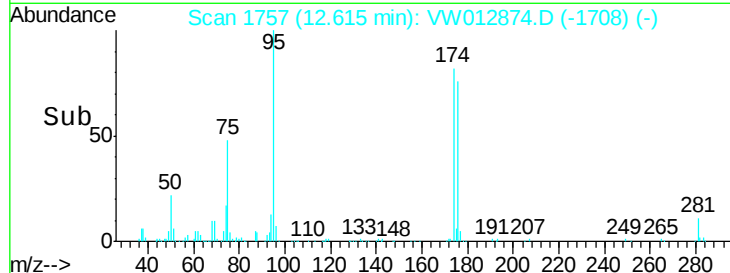
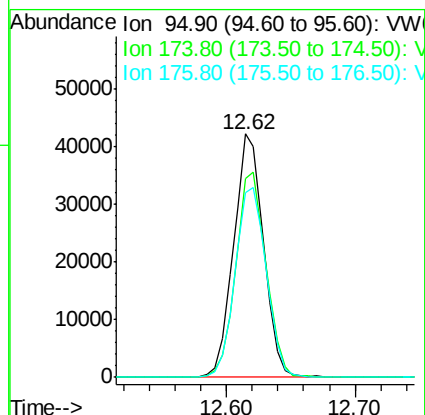
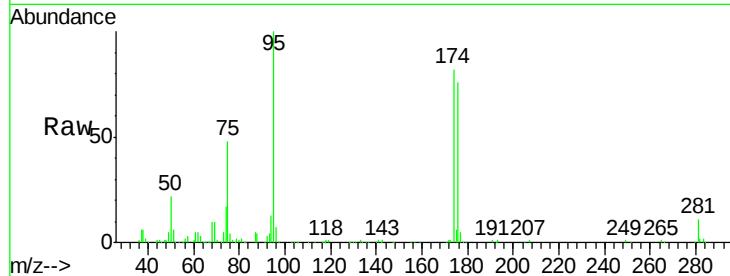
Tot Ion: 95 Resp: 67990

Ion Ratio Lower Upper

95 100

174 85.0 0.0 161.0

176 81.4 0.0 156.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW012874.D

Acq: 10 Sep 2019 16:50

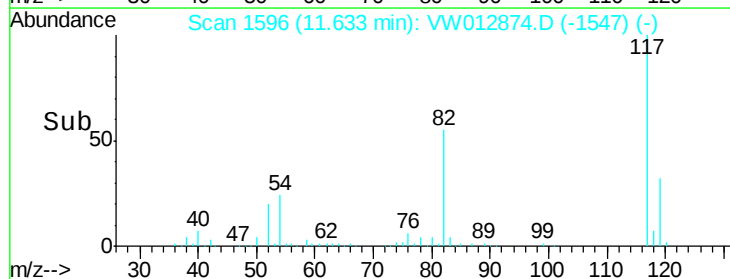
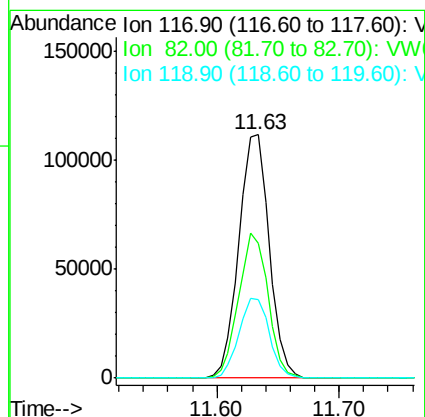
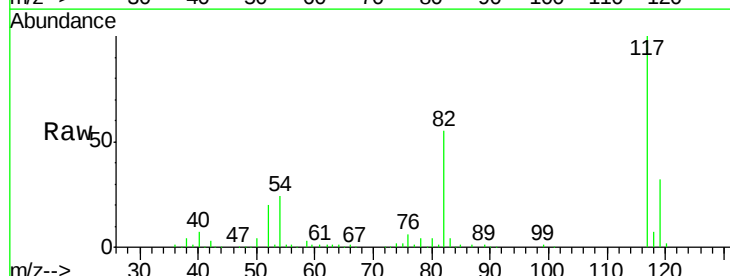
Tgt Ion: 117 Resp: 193032

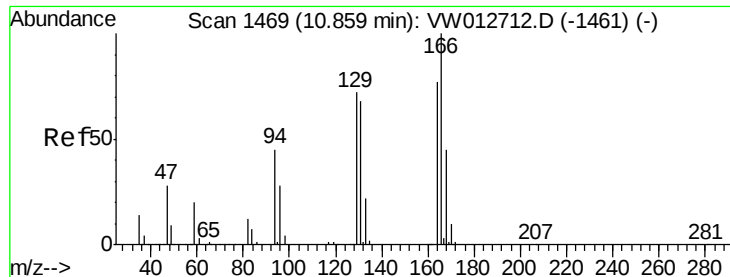
Ion Ratio Lower Upper

117 100

82 55.3 48.2 72.4

119 32.0 25.8 38.6





#64

Tetrachloroethene

Concen: 156.093 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW012874.D

Acq: 10 Sep 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

SB-30-9.5-10.0

Tot Ion:164 Resp: 182828

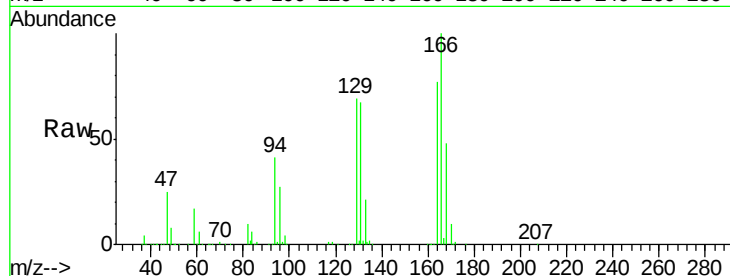
Ion Ratio Lower Upper

164 100

166 129.1 103.6 155.4

129 89.2 74.6 112.0

131 86.2 70.6 106.0

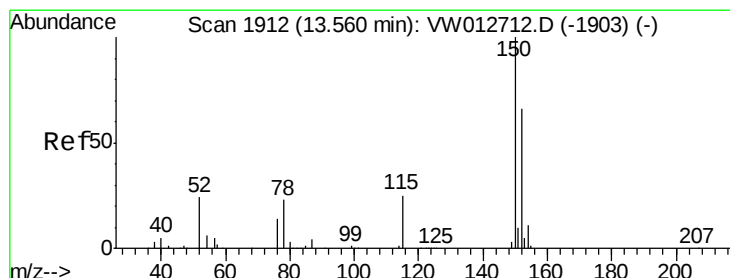
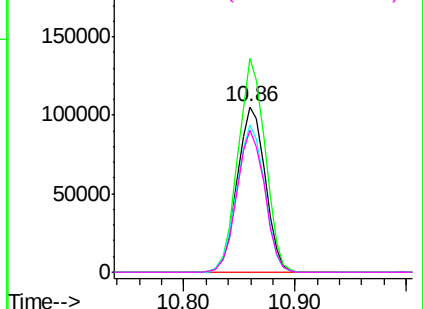
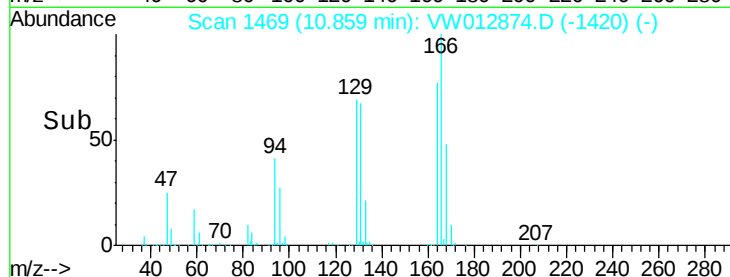


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VW012874.D

Acq: 10 Sep 2019 16:50

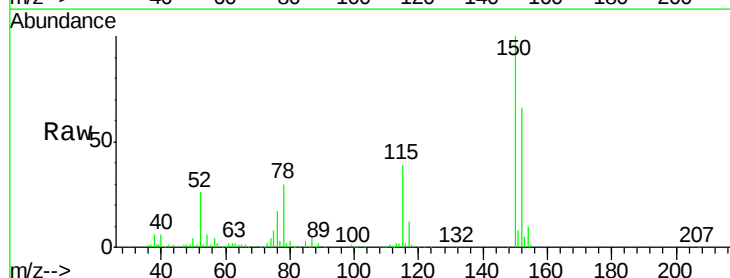
Tgt Ion:152 Resp: 46260

Ion Ratio Lower Upper

152 100

115 57.9 30.0 90.1

150 156.7 0.0 349.0



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

