

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091119\
 Data File : VW012912.D
 Acq On : 11 Sep 2019 12:58
 Operator : SY/VA
 Sample : K4692-13
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-26-7.5-8.0

Quant Time: Sep 11 13:28:29 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

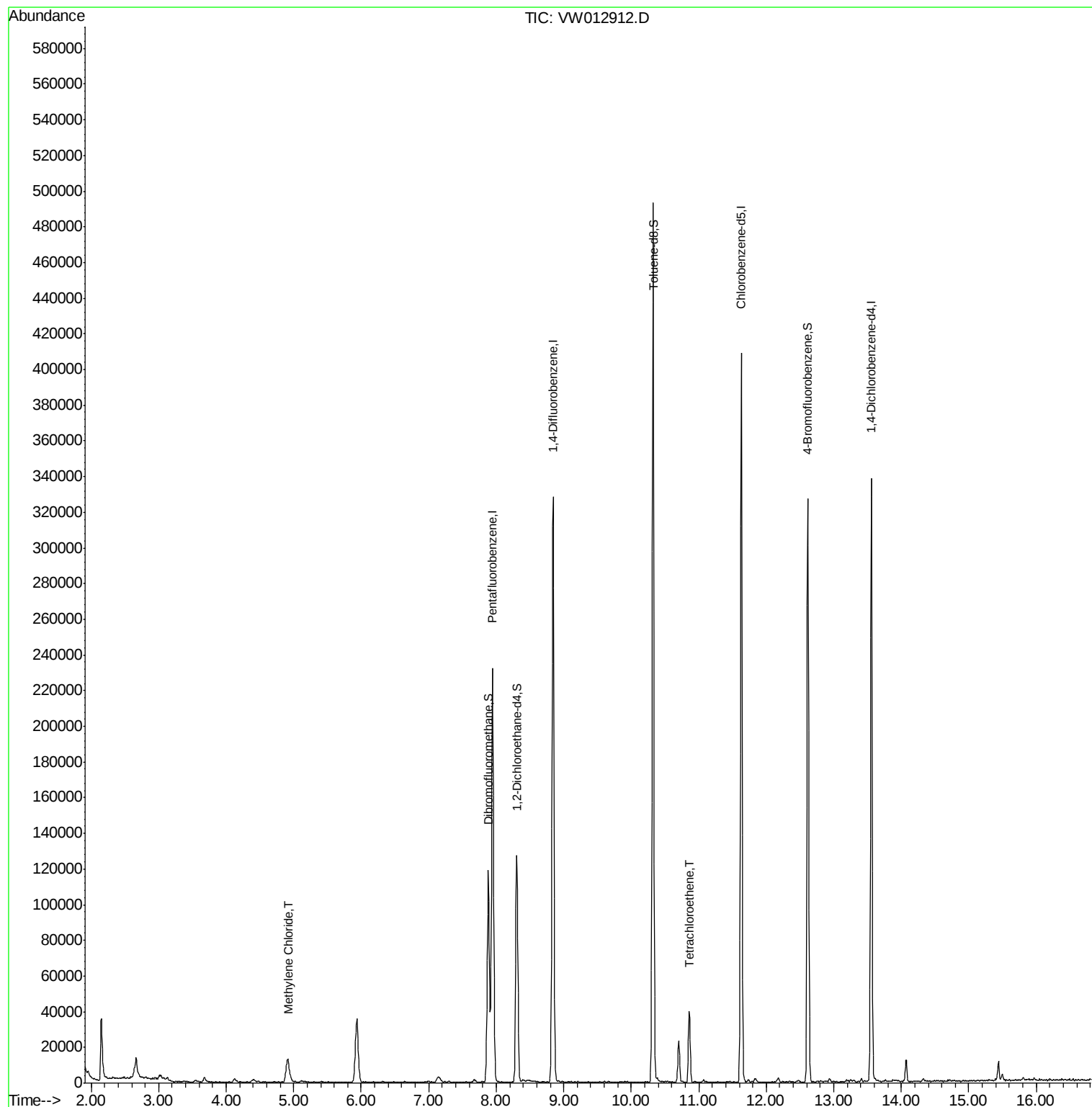
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	174665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	263452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	220175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	89689	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	106429	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	
35) Dibromofluoromethane	7.88	113	81271	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
50) Toluene-d8	10.32	98	311118	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.62	95	97218	43.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.28%	
Target Compounds						
20) Methylene Chloride	4.92	84	10020	6.020	ug/l	89
64) Tetrachloroethene	10.86	164	9596	7.183	ug/l	94

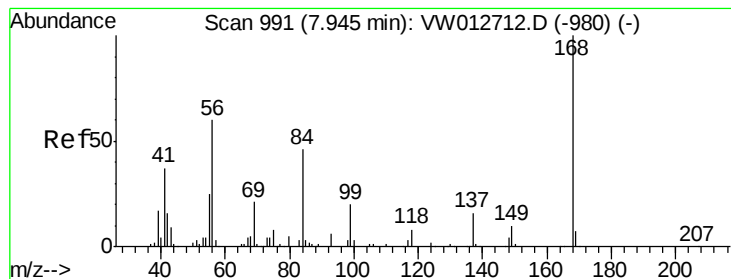
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012912.D

Acq: 11 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

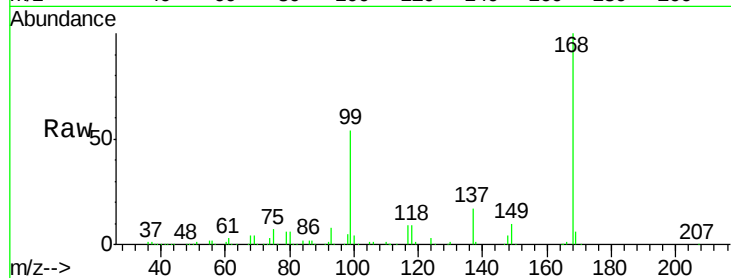
SB-26-7.5-8.0

Tot Ion:168 Resp: 174665

Ion Ratio Lower Upper

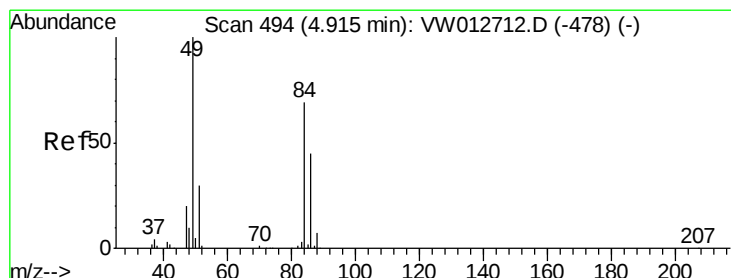
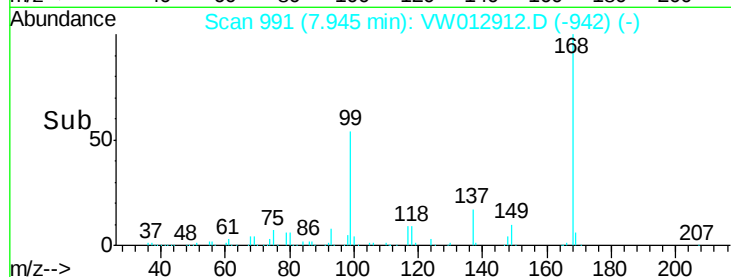
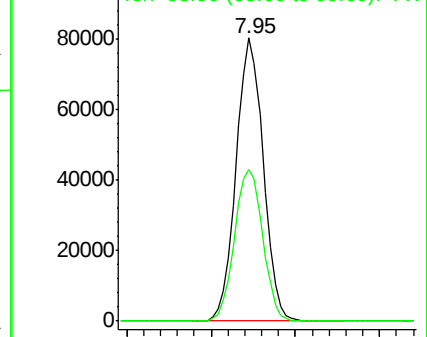
168 100

99 53.7 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: 6.020 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW012912.D

Acq: 11 Sep 2019 12:58

Tgt Ion: 84 Resp: 10020

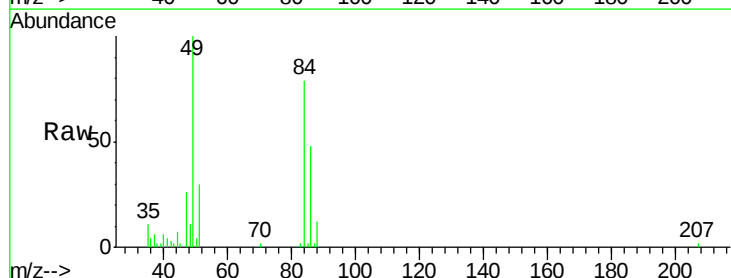
Ion Ratio Lower Upper

84 100

49 126.6 115.4 173.0

51 38.3 34.9 52.3

86 60.4 52.2 78.4

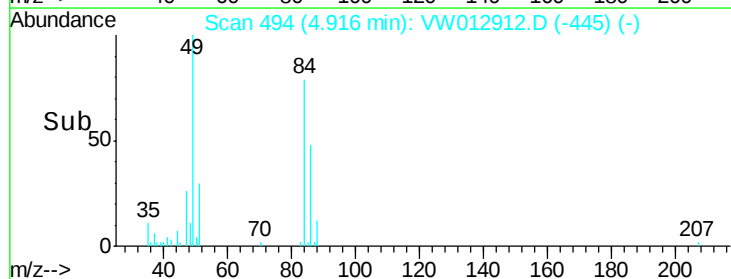
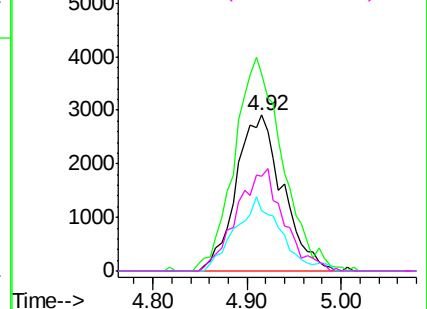


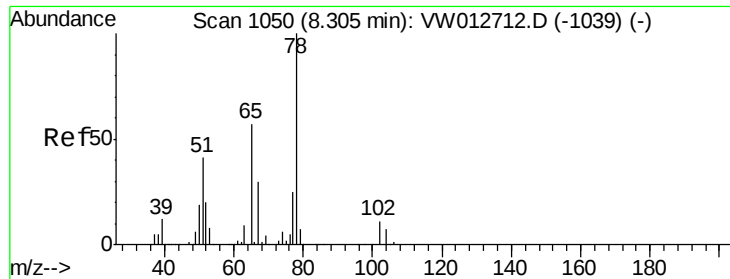
Abundance Ion 83.90 (83.60 to 84.60): VW

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

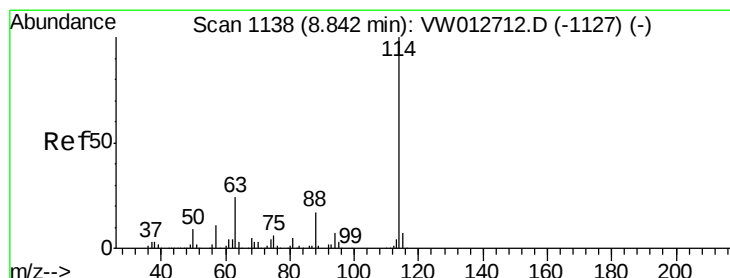
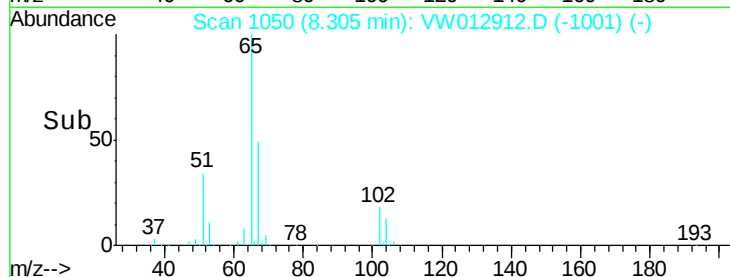
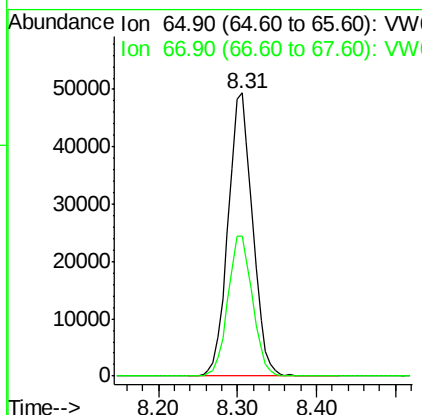
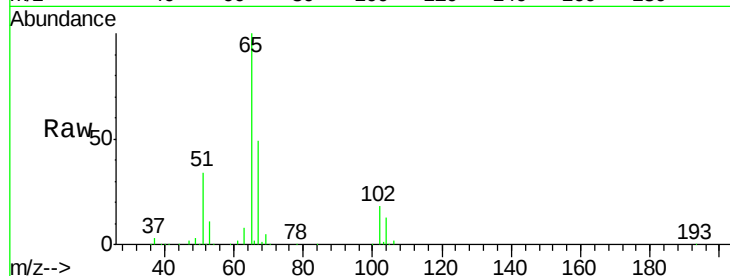




#33
 1,2-Dichloroethane-d4
 Concen: 54.535 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012912.D
 Acq: 11 Sep 2019 12:58

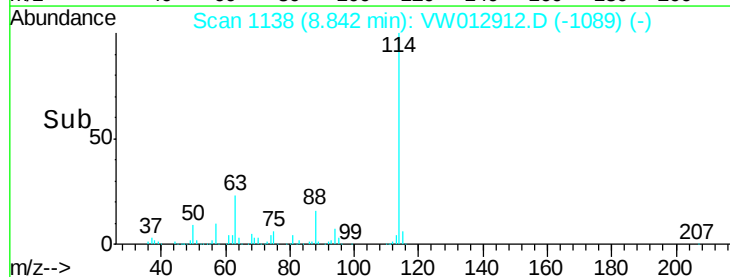
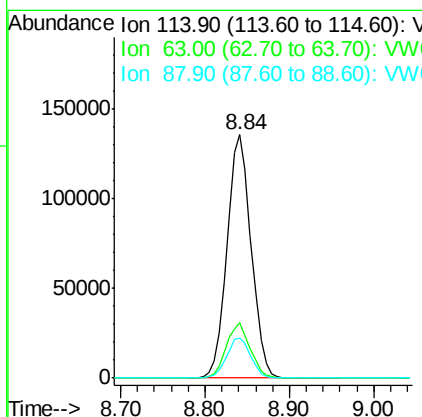
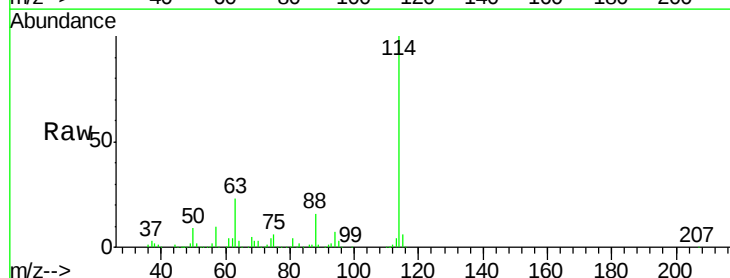
Instrument :
 MSVOA_W
 ClientSampled :
 SB-26-7.5-8.0

Tot Ion: 65 Resp: 106429
 Ion Ratio Lower Upper
 65 100
 67 49.7 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: VW012912.D
 Acq: 11 Sep 2019 12:58

Tgt Ion: 114 Resp: 263452
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.2
 88 16.3 0.0 34.0





#35

Dibromofluoromethane

Concen: 51.887 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012912.D

Acq: 11 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

SB-26-7.5-8.0

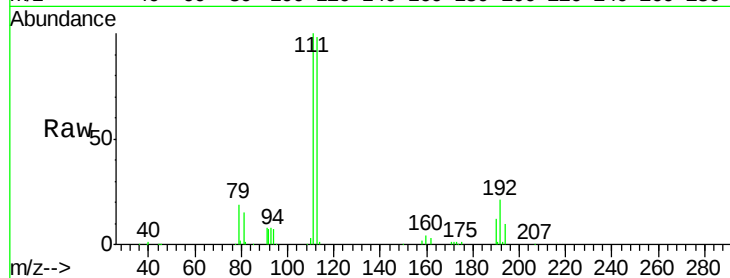
Tot Ion:113 Resp: 81271

Ion Ratio Lower Upper

113 100

111 105.3 80.2 120.4

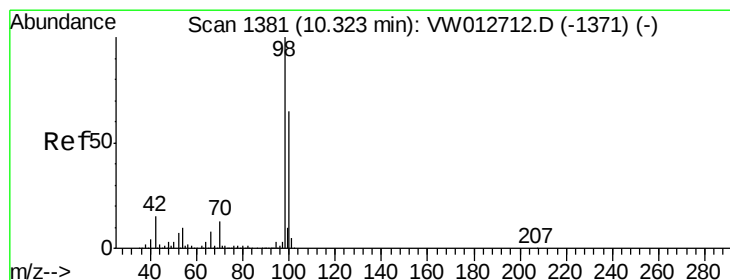
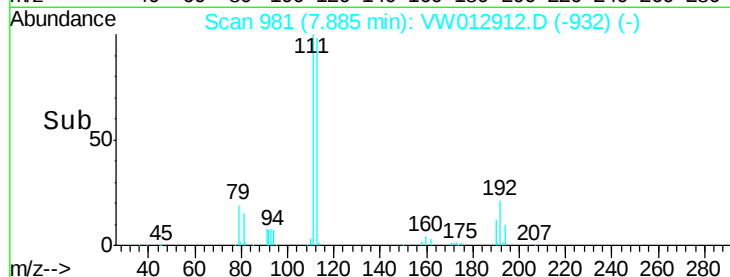
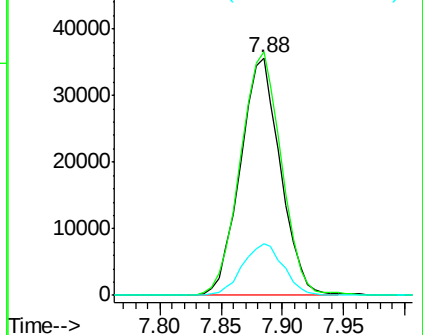
192 22.4 17.3 25.9



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: 50.701 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012912.D

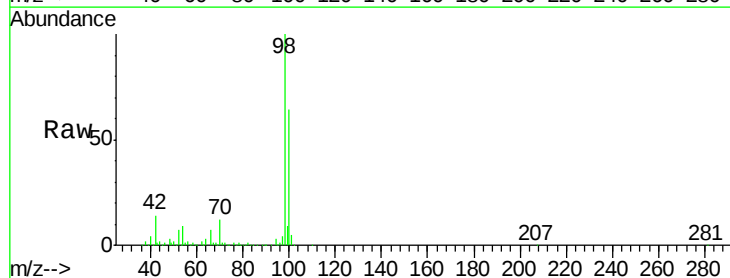
Acq: 11 Sep 2019 12:58

Tgt Ion: 98 Resp: 311118

Ion Ratio Lower Upper

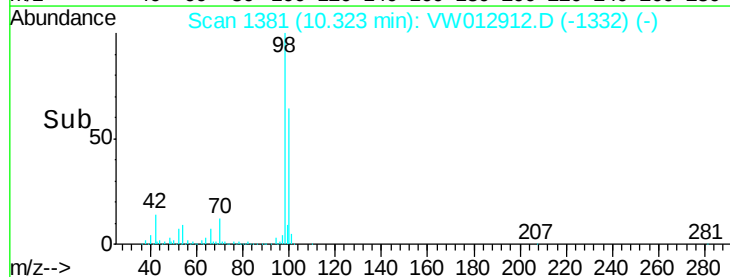
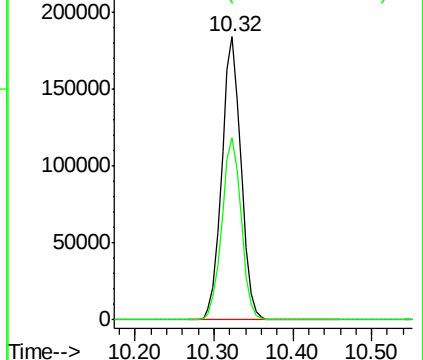
98 100

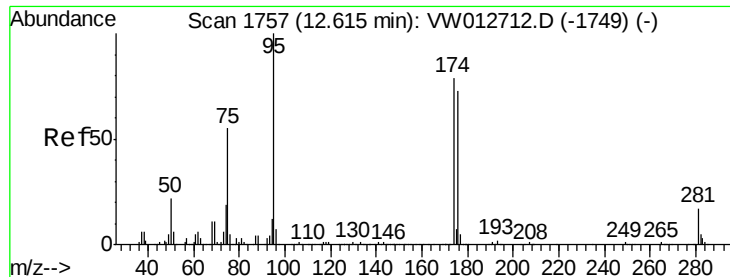
100 64.6 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 43.641 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012912.D

Acq: 11 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

SB-26-7.5-8.0

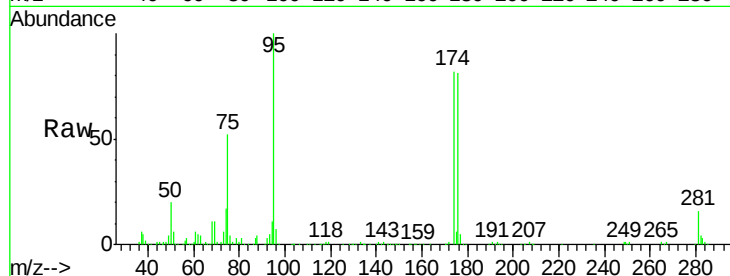
Tot Ion: 95 Resp: 97218

Ion Ratio Lower Upper

95 100

174 85.9 0.0 161.0

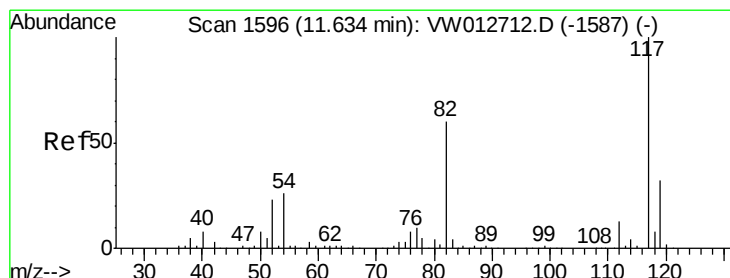
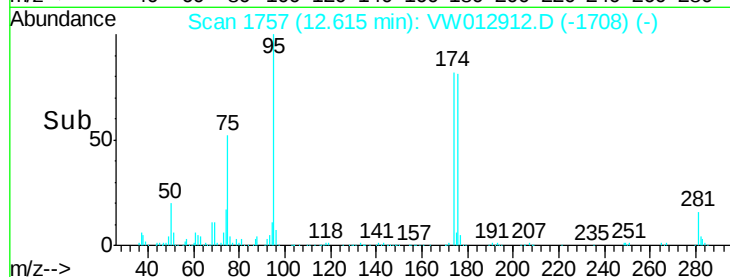
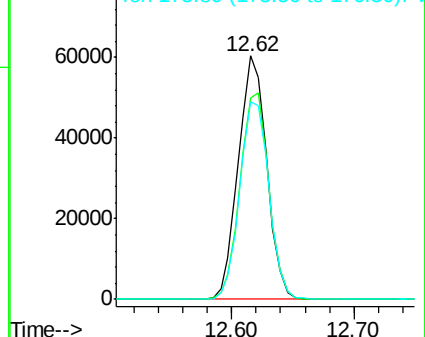
176 83.0 0.0 156.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012912.D

Acq: 11 Sep 2019 12:58

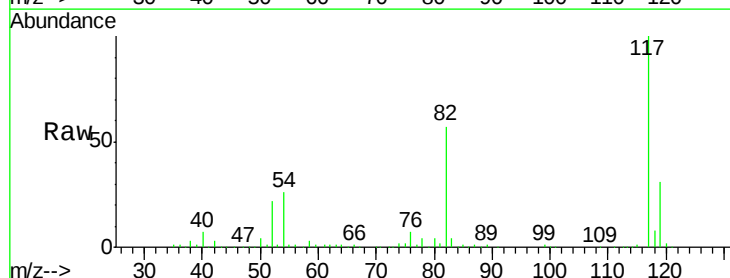
Tgt Ion: 117 Resp: 220175

Ion Ratio Lower Upper

117 100

82 57.4 48.2 72.4

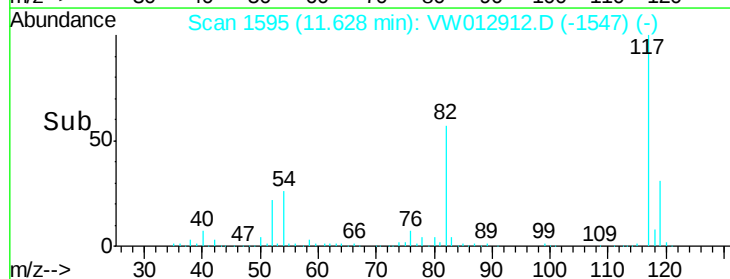
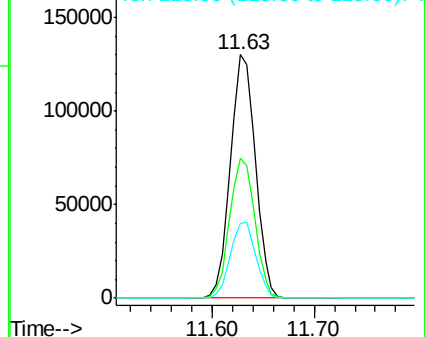
119 30.9 25.8 38.6

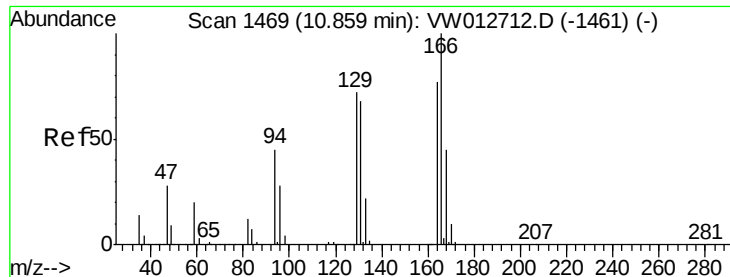


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#64

Tetrachloroethene

Concen: 7.183 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW012912.D

Acq: 11 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

SB-26-7.5-8.0

Tot Ion:164 Resp: 9596

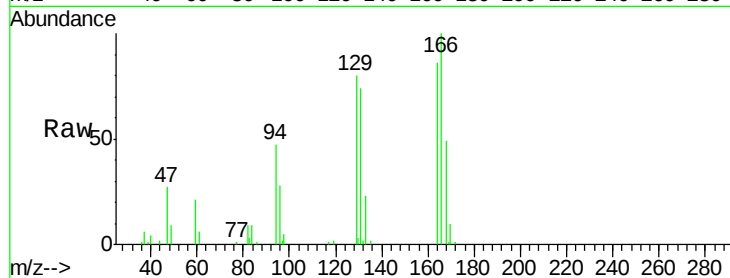
Ion Ratio Lower Upper

164 100

166 116.2 103.6 155.4

129 92.5 74.6 112.0

131 86.2 70.6 106.0

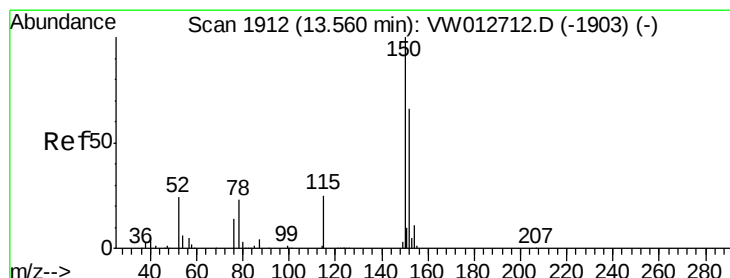
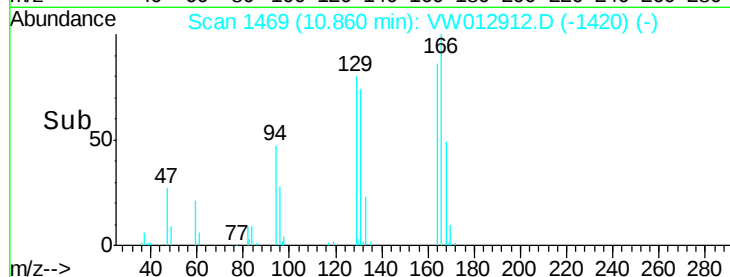
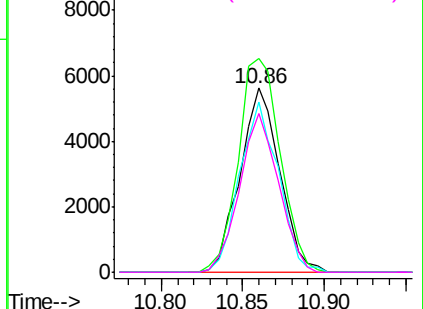


Abundance Ion 163.80 (163.50 to 164.50): V

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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012912.D

Acq: 11 Sep 2019 12:58

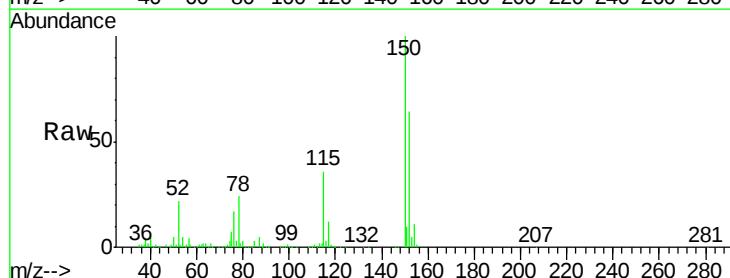
Tgt Ion:152 Resp: 89689

Ion Ratio Lower Upper

152 100

115 57.9 30.0 90.1

150 156.5 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

