

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012897.D
 Acq On : 11 Sep 2019 04:29
 Operator : SY/VA
 Sample : K4680-03
 Misc : 7.44G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-1-(1.5)

Quant Time: Sep 11 08:51:00 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

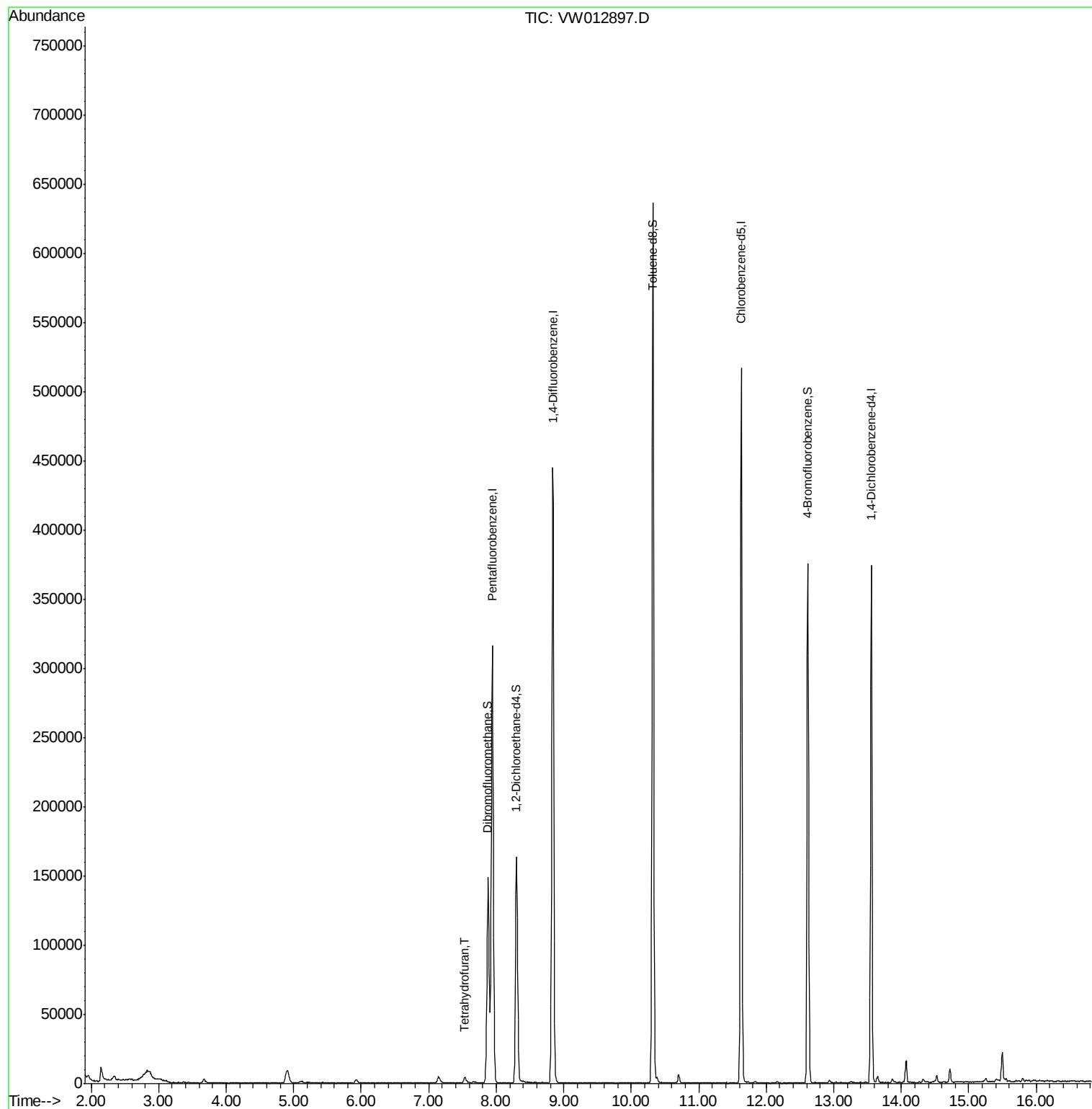
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	364885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	279357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	97344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	130667	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
35) Dibromofluoromethane	7.88	113	105172	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
50) Toluene-d8	10.32	98	423680	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.62	95	114529	37.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.24%	
Target Compounds						
29) Tetrahydrofuran	7.53	42	3656	6.079	ug/l	Qvalue 95

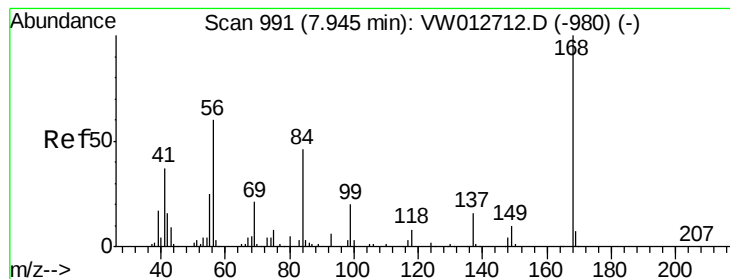
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012897.D

Acq: 11 Sep 2019 04:29

Instrument :

MSVOA_W

ClientSampleId :

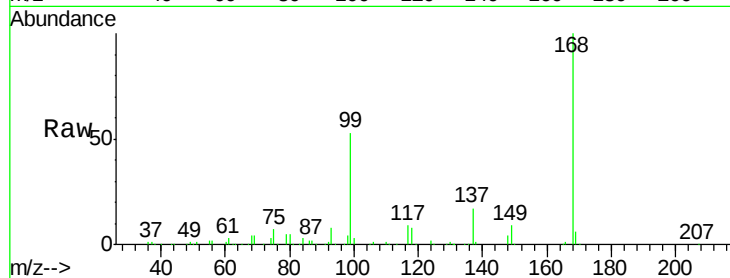
T1-1-(1.5)

Tot Ion:168 Resp: 244497

Ion Ratio Lower Upper

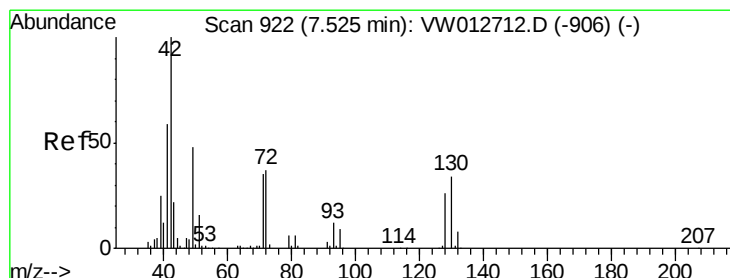
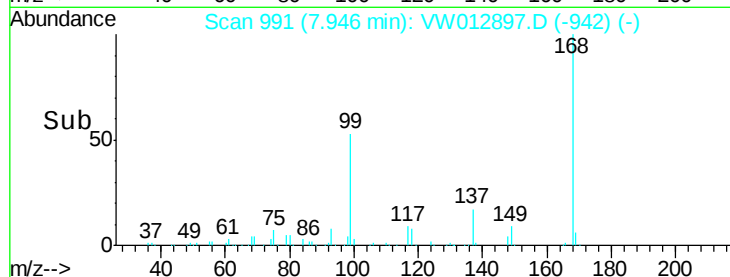
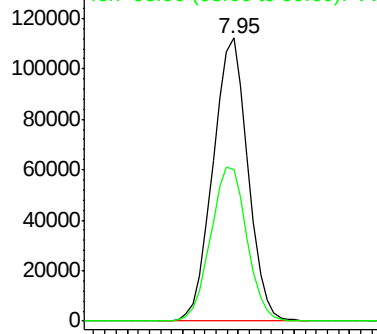
168 100

99 53.3 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#29

Tetrahydrofuran

Concen: 6.079 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

Lab File: VW012897.D

Acq: 11 Sep 2019 04:29

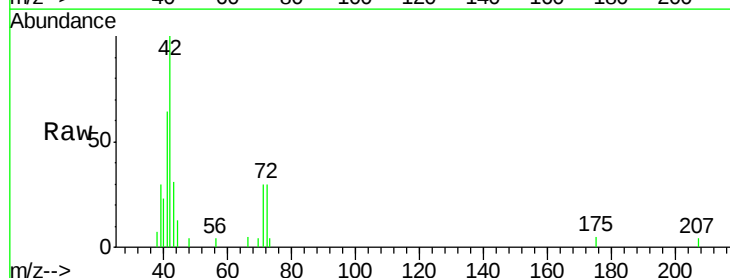
Tgt Ion: 42 Resp: 3656

Ion Ratio Lower Upper

42 100

72 41.0 28.4 42.6

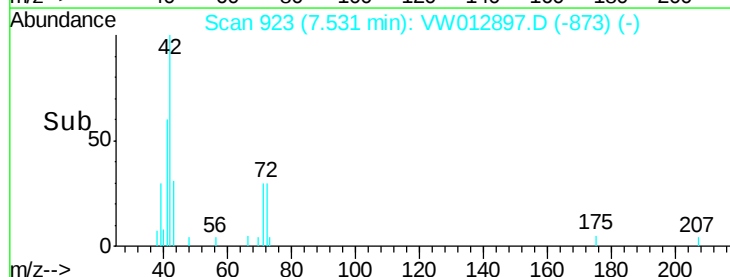
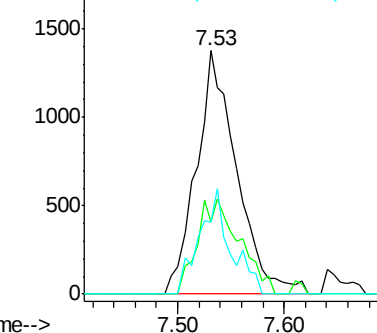
71 33.3 27.1 40.7

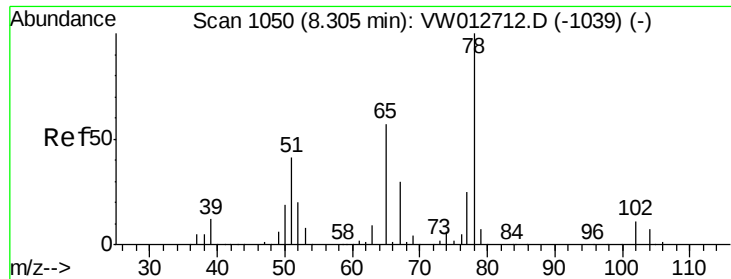


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

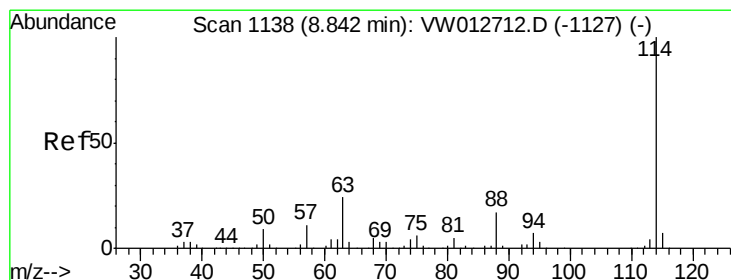
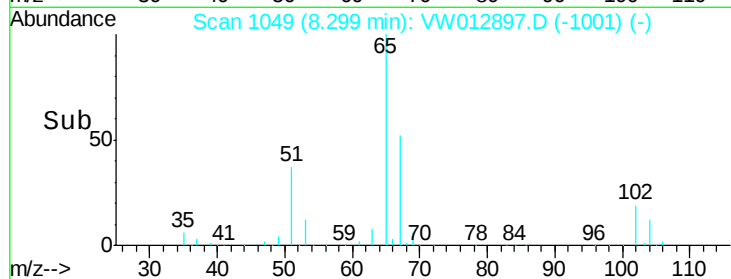
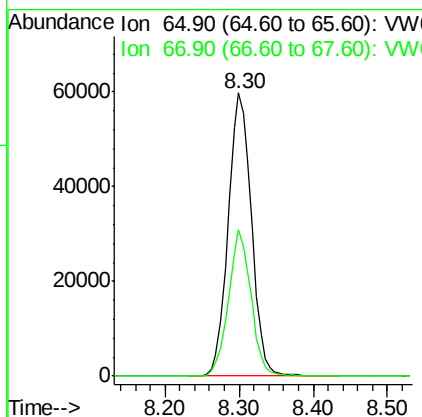
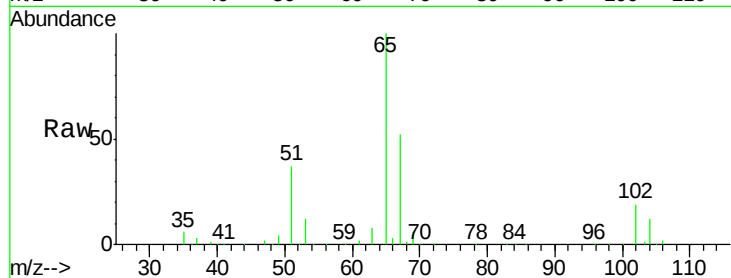




#33
 1,2-Dichloroethane-d4
 Concen: 47.831 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012897.D
 Acq: 11 Sep 2019 04:29

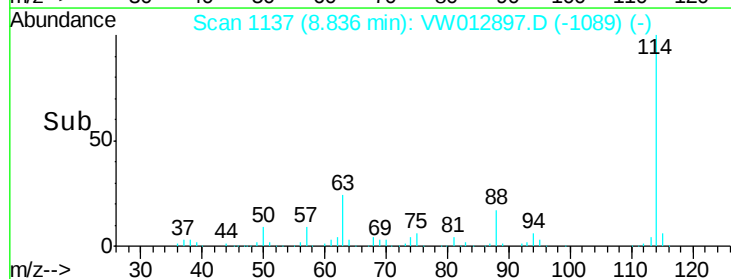
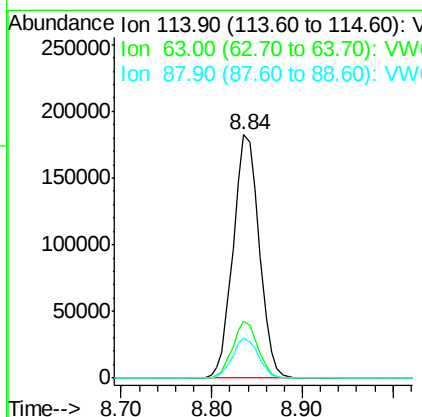
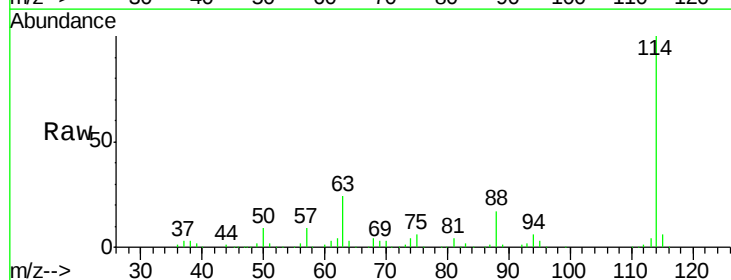
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-1-(1.5)

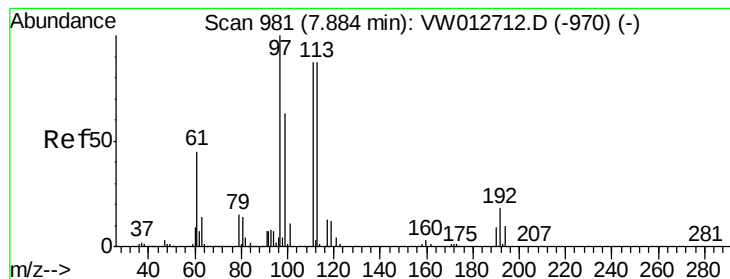
Tot Ion: 65 Resp: 130667
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW012897.D
 Acq: 11 Sep 2019 04:29

Tgt Ion: 114 Resp: 364885
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 47.2
 88 16.5 0.0 34.0





#35

Dibromofluoromethane

Concen: 48.481 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012897.D

Acq: 11 Sep 2019 04:29

Instrument :

MSVOA_W

ClientSampleId :

T1-1-(1.5)

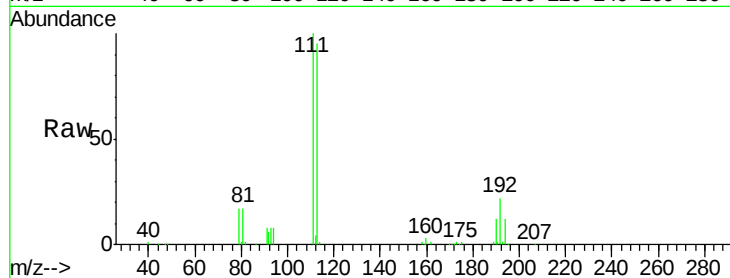
Tot Ion:113 Resp: 105172

Ion Ratio Lower Upper

113 100

111 102.9 80.2 120.4

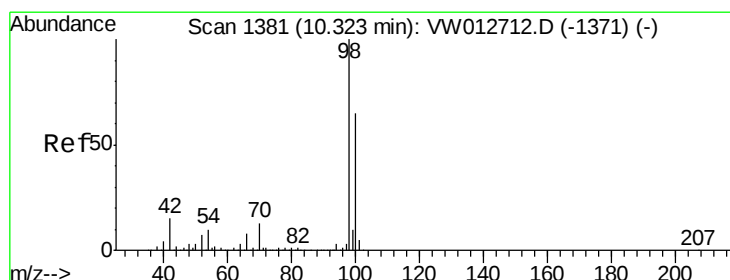
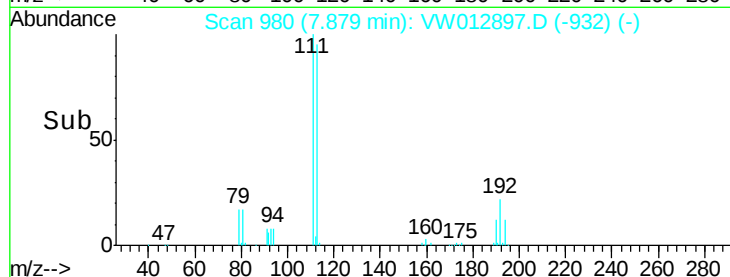
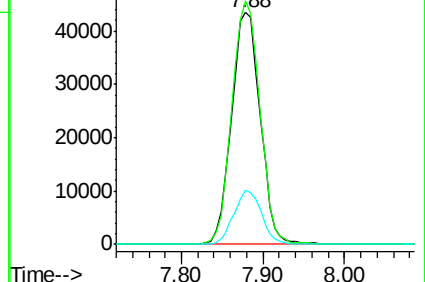
192 22.6 17.3 25.9



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: 49.851 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. -0.01 min

Lab File: VW012897.D

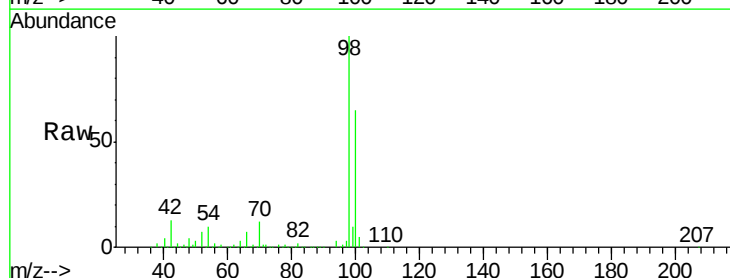
Acq: 11 Sep 2019 04:29

Tgt Ion: 98 Resp: 423680

Ion Ratio Lower Upper

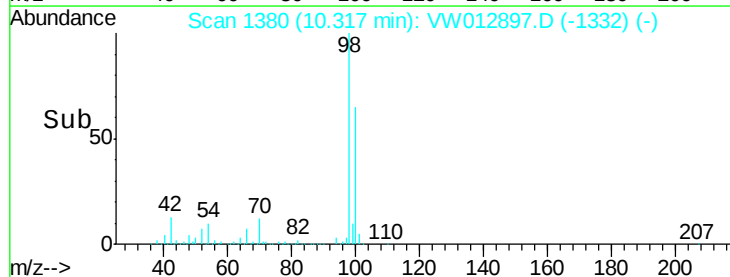
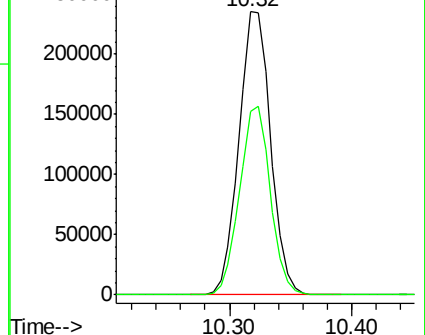
98 100

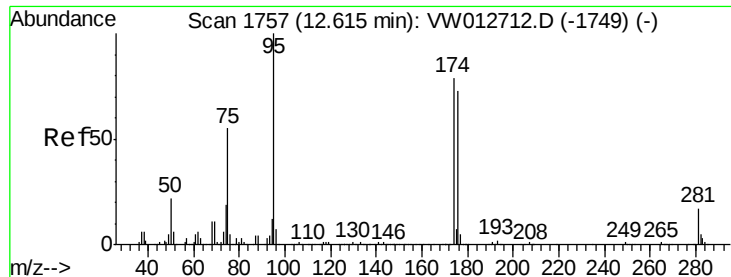
100 64.6 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 37.120 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012897.D

Acq: 11 Sep 2019 04:29

Instrument :

MSVOA_W

ClientSampleId :

T1-1-(1.5)

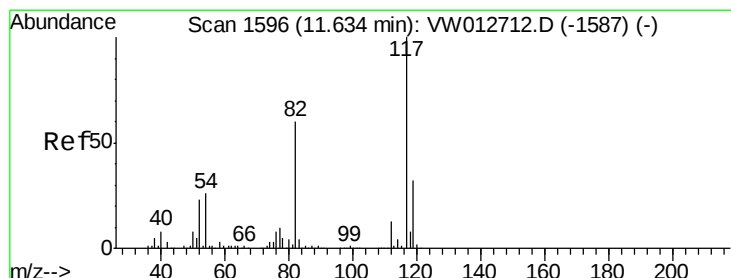
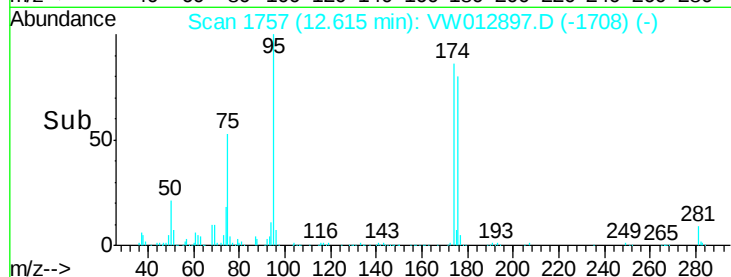
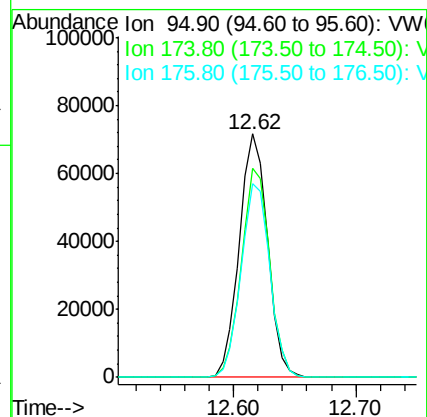
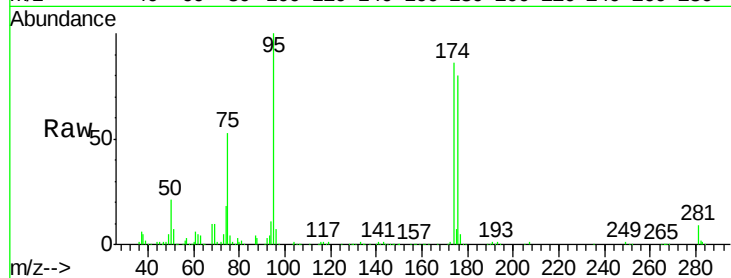
Tot Ion: 95 Resp: 114529

Ion Ratio Lower Upper

95 100

174 85.8 0.0 161.0

176 81.2 0.0 156.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012897.D

Acq: 11 Sep 2019 04:29

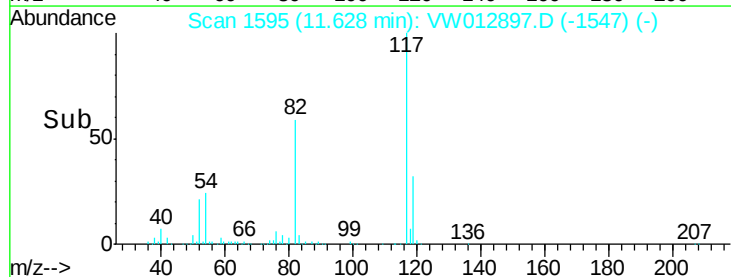
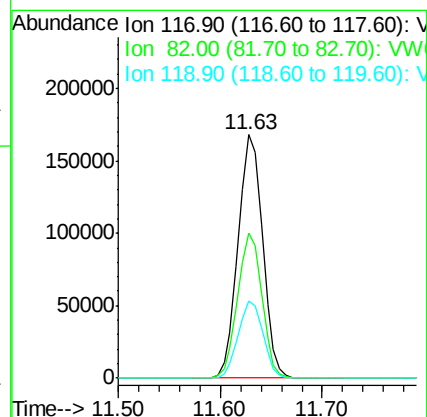
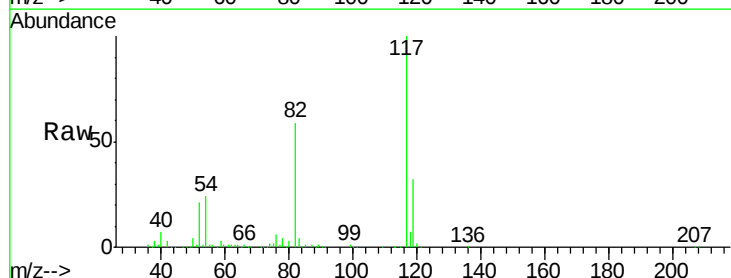
Tgt Ion: 117 Resp: 279357

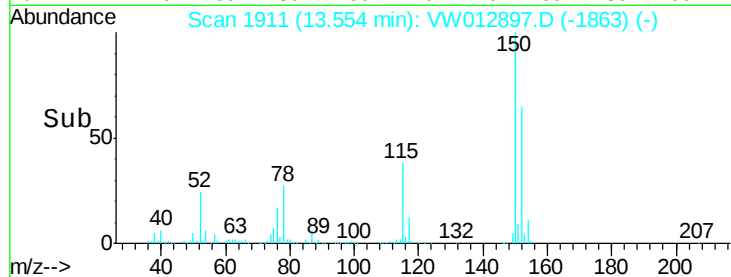
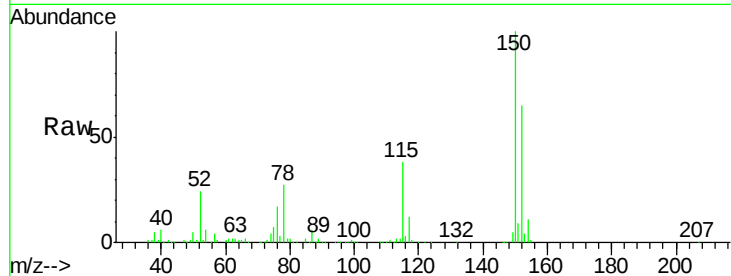
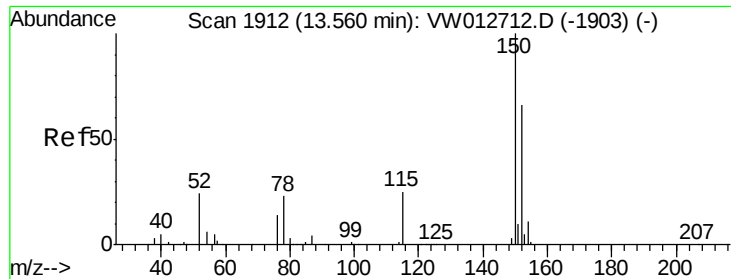
Ion Ratio Lower Upper

117 100

82 59.4 48.2 72.4

119 31.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012897.D

Acq: 11 Sep 2019 04:29

Instrument :

MSVOA_W

ClientSampleId :

T1-1-(1.5)

Tot Ion:152 Resp: 97344

Ion Ratio Lower Upper

152 100

115 57.8 30.0 90.1

150 155.5 0.0 349.0

