

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012082.D
 Acq On : 21 Aug 2019 20:44
 Operator : SY/VA
 Sample : K4403-03
 Misc : 5.32G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-H2-(0)

Quant Time: Aug 22 06:51:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

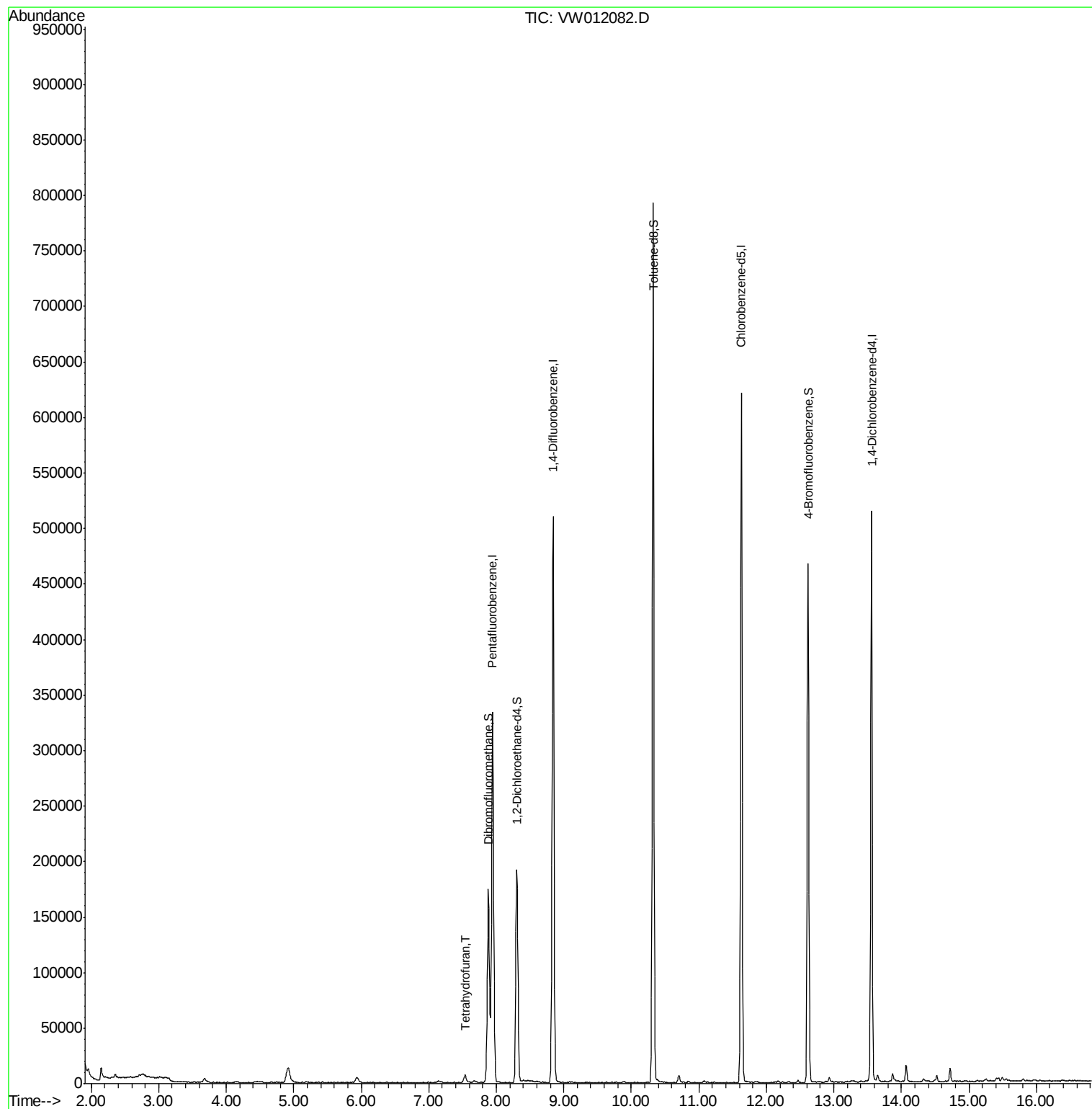
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	400707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	126078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	152082	54.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.98%	
35) Dibromofluoromethane	7.88	113	121436	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
50) Toluene-d8	10.32	98	491051	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
62) 4-Bromofluorobenzene	12.62	95	150791	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	5741	8.724	ug/l	Qvalue 98

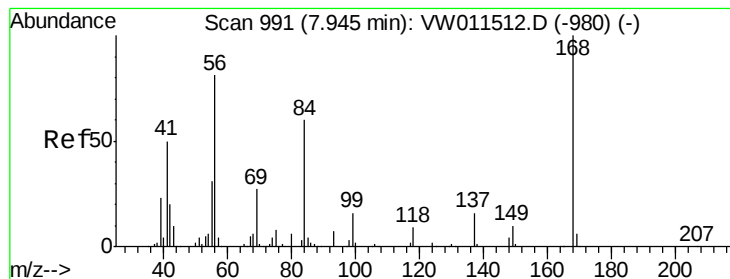
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082119\
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Acq: 21 Aug 2019 20:44

Instrument :

MSVOA_W

ClientSampleId :

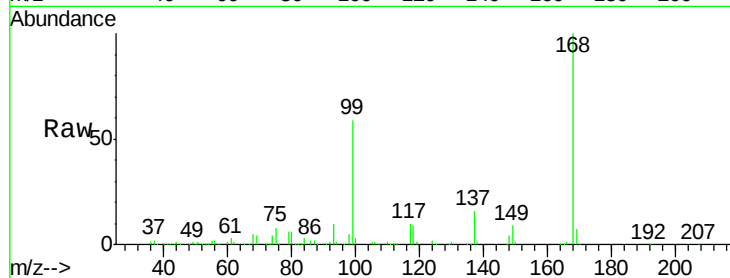
T1-H2-(0)

Tot Ion:168 Resp: 240856

Ion Ratio Lower Upper

168 100

99 59.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

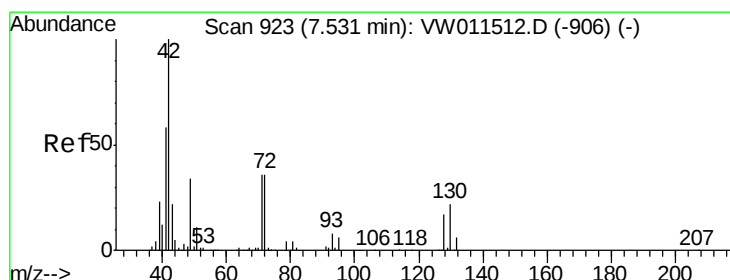
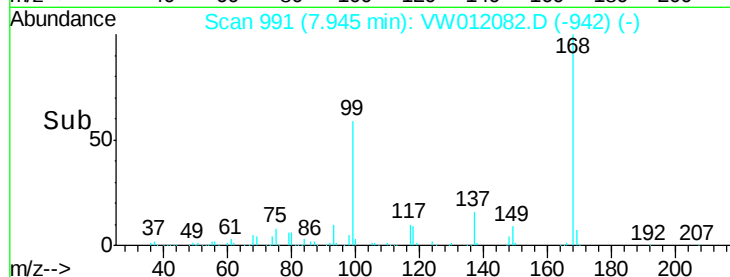
60000

40000

20000

0

Time-->



#29

Tetrahydrofuran

Concen: 8.724 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012082.D

Acq: 21 Aug 2019 20:44

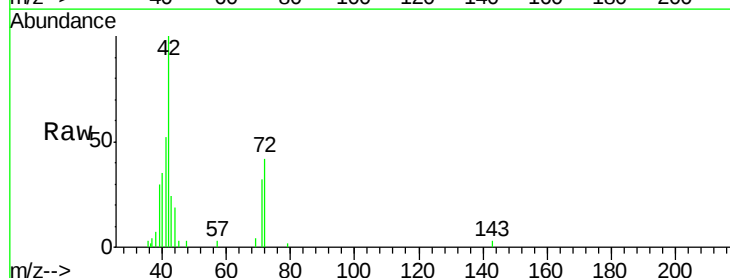
Tgt Ion: 42 Resp: 5741

Ion Ratio Lower Upper

42 100

72 34.2 27.1 40.7

71 34.3 26.2 39.4



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

3000

2500

2000

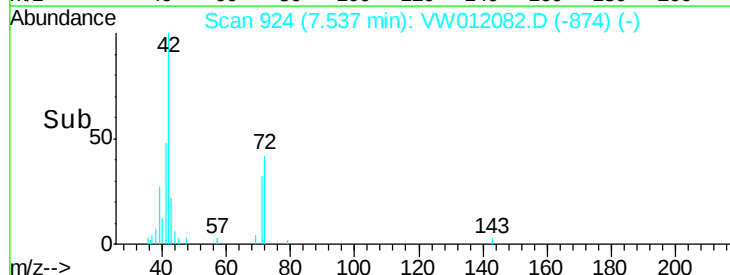
1500

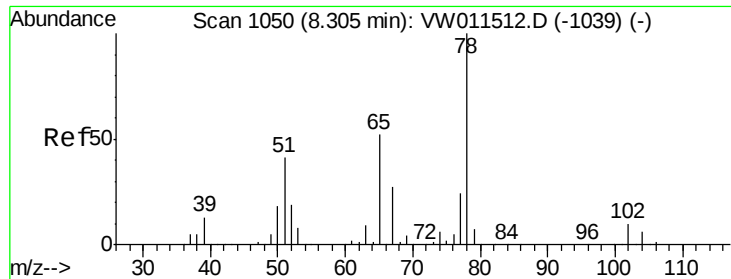
1000

500

0

Time-->

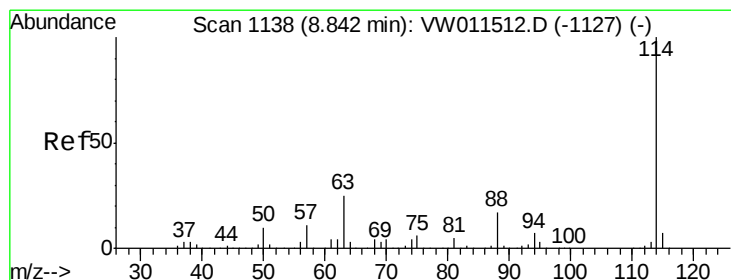
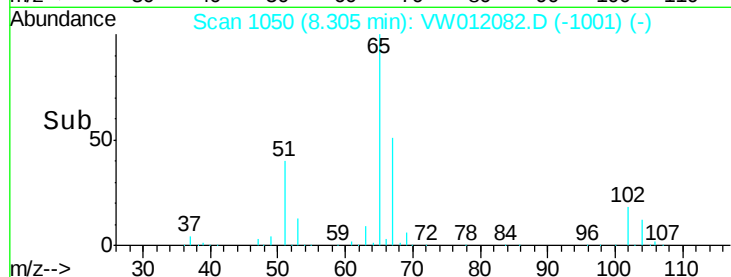
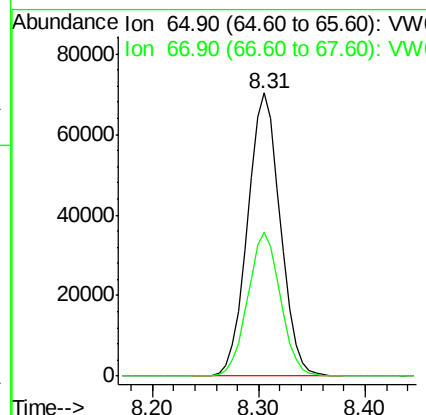
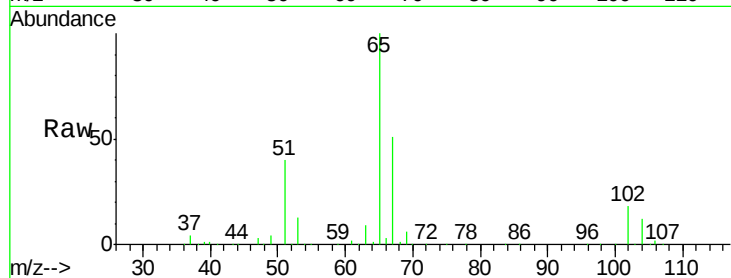




#33
 1,2-Dichloroethane-d4
 Concen: 54.989 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012082.D
 Acq: 21 Aug 2019 20:44

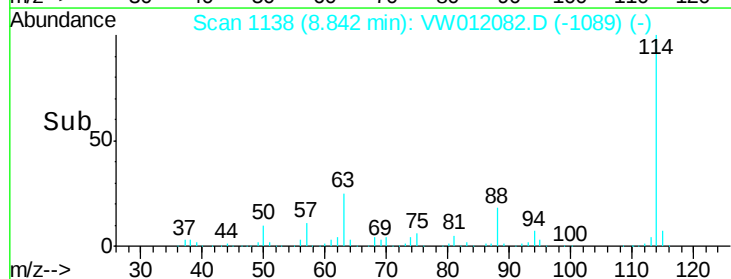
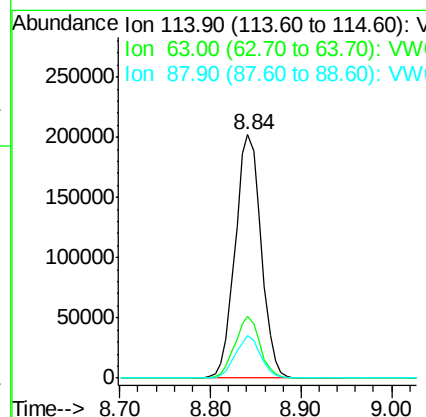
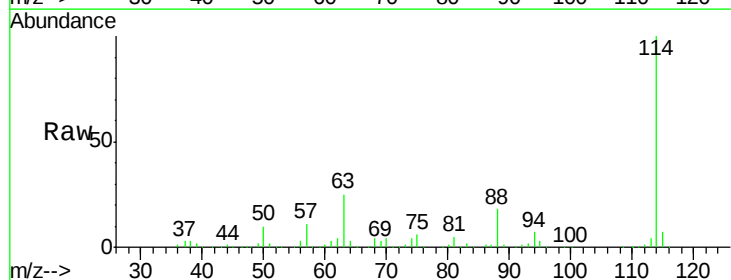
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-H2-(0)

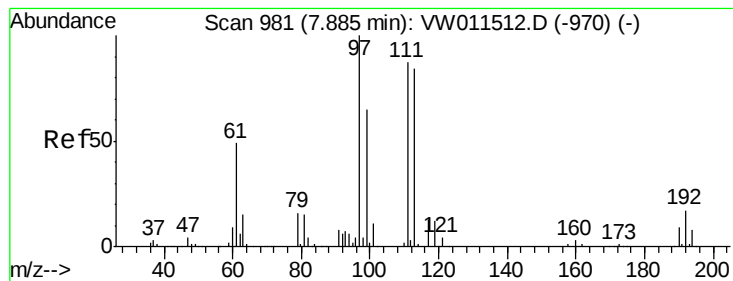
Tot Ion: 65 Resp: 152082
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012082.D
 Acq: 21 Aug 2019 20:44

Tgt Ion: 114 Resp: 400707
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 49.2
 88 17.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.019 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012082.D

Acq: 21 Aug 2019 20:44

Instrument :

MSVOA_W

ClientSampleId :

T1-H2-(0)

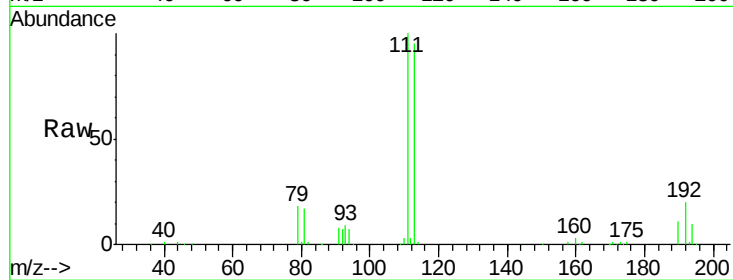
Tot Ion:113 Resp: 121436

Ion Ratio Lower Upper

113 100

111 102.8 82.7 124.1

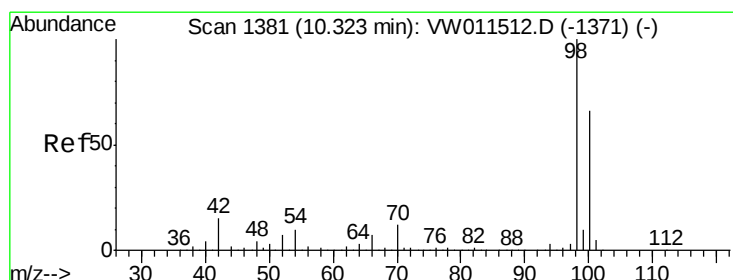
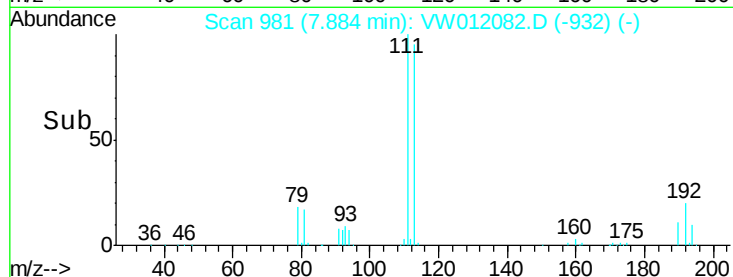
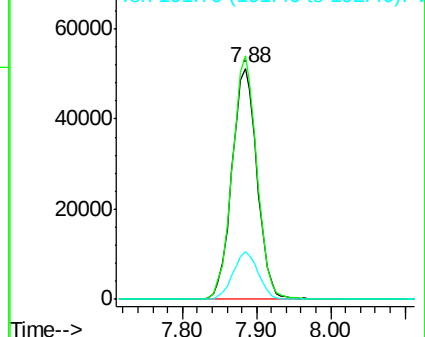
192 20.6 16.1 24.1



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: 53.351 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012082.D

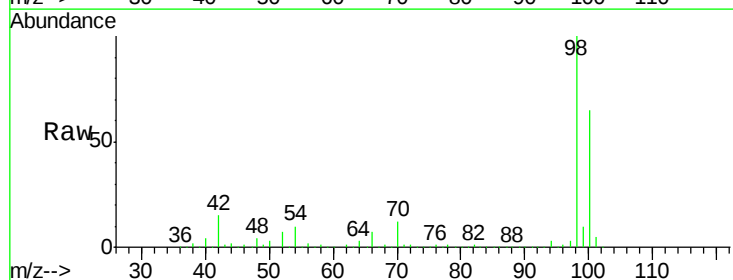
Acq: 21 Aug 2019 20:44

Tgt Ion: 98 Resp: 491051

Ion Ratio Lower Upper

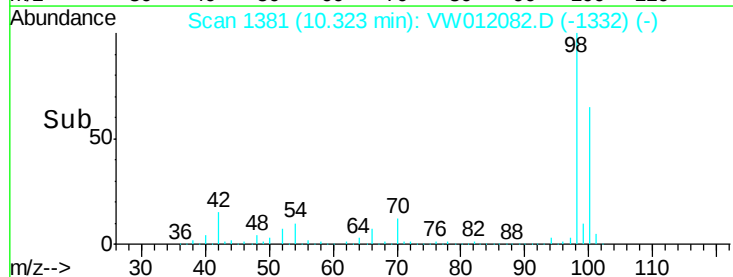
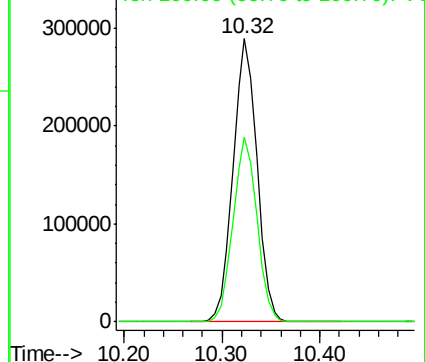
98 100

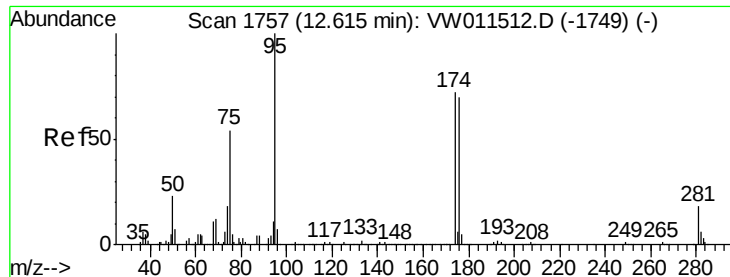
100 65.1 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 45.952 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012082.D

Acq: 21 Aug 2019 20:44

Instrument :

MSVOA_W

ClientSampleId :

T1-H2-(0)

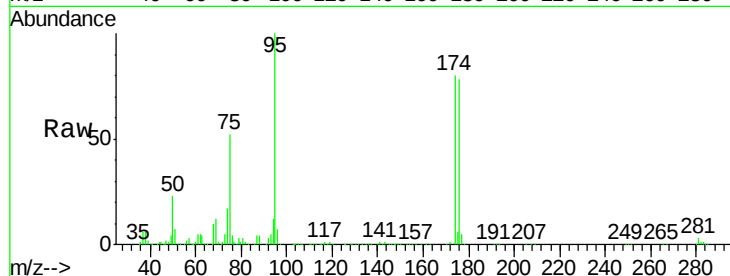
Tot Ion: 95 Resp: 150791

Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.2

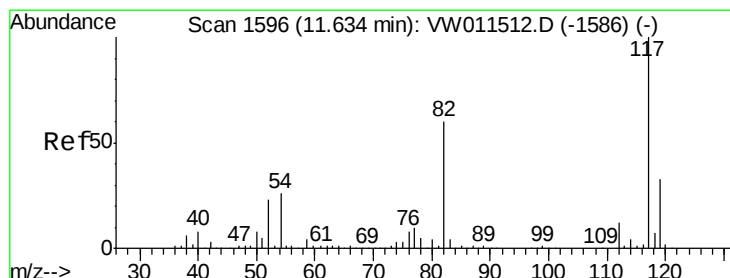
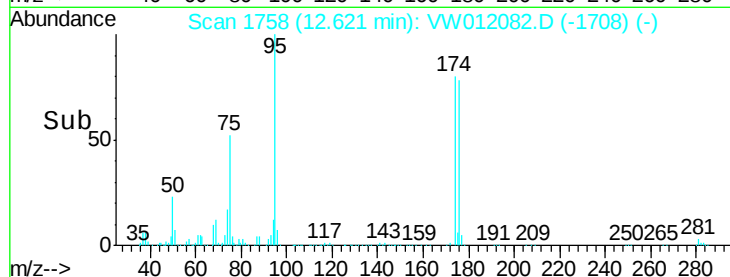
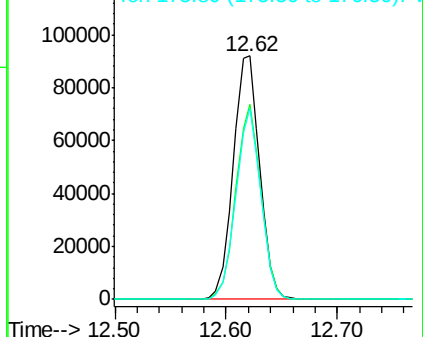
176 73.9 0.0 144.4



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# 1596

Delta R.T. -0.00 min

Lab File: VW012082.D

Acq: 21 Aug 2019 20:44

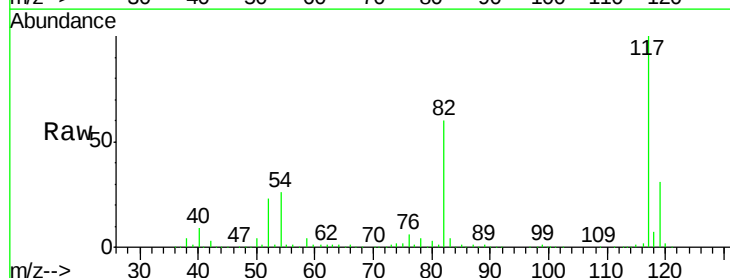
Tgt Ion: 117 Resp: 327193

Ion Ratio Lower Upper

117 100

82 59.9 47.9 71.9

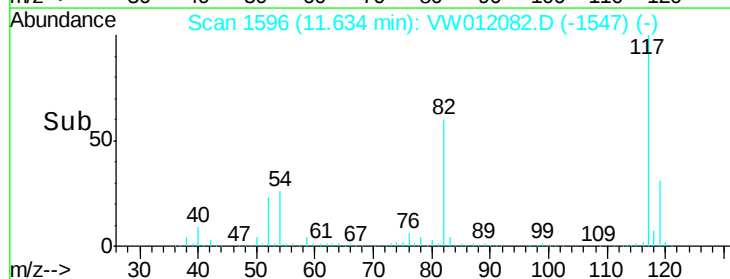
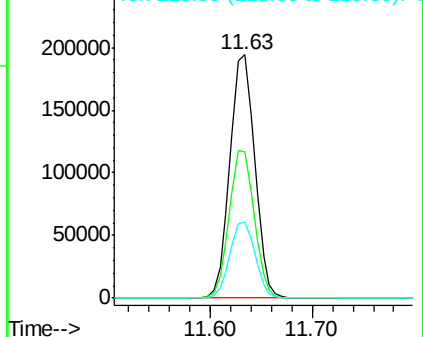
119 31.3 26.2 39.2

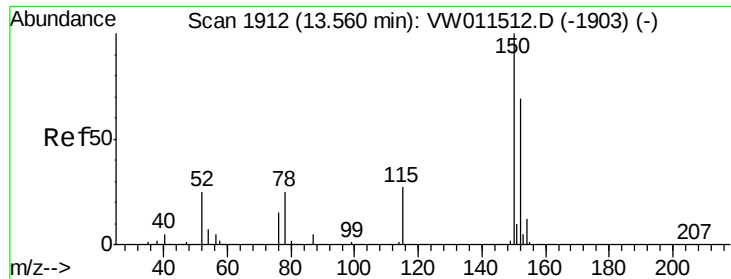


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012082.D

Acq: 21 Aug 2019 20:44

Instrument :

MSVOA_W

ClientSampleId :

T1-H2-(0)

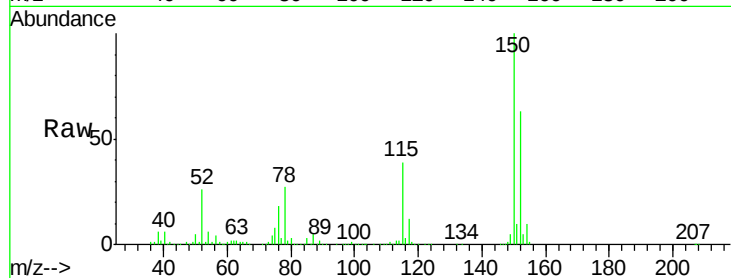
Tot Ion:152 Resp: 126078

Ion Ratio Lower Upper

152 100

115 61.0 30.5 91.5

150 157.6 0.0 352.6



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

