

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080819\
 Data File : VW011747.D
 Acq On : 07 Aug 2019 13:31
 Operator : SY/VA
 Sample : K4165-01
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CP-MW3-S-8-12-SOIL

Quant Time: Aug 08 08:51:50 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

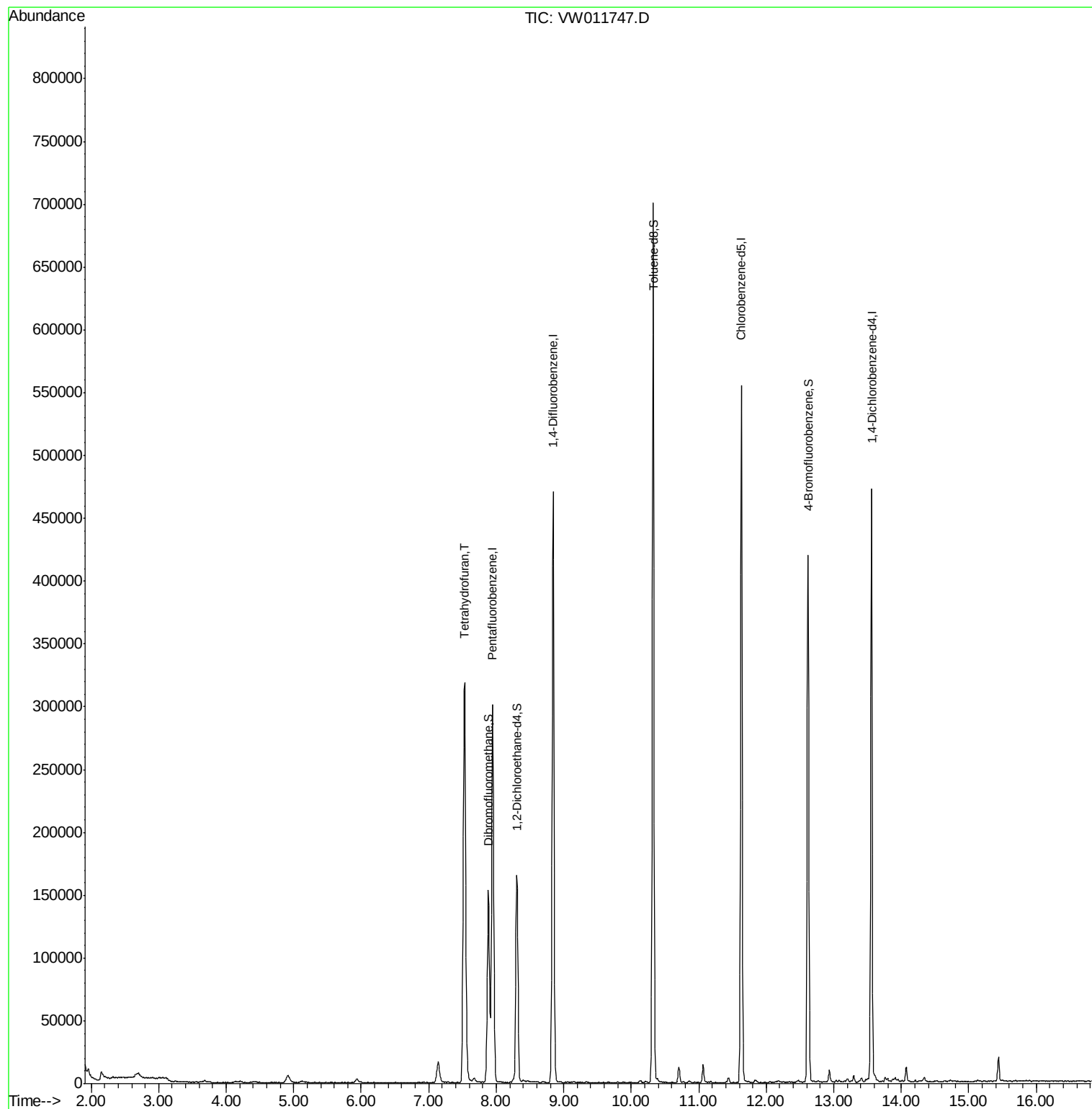
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	356378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	116242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	132084	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
35) Dibromofluoromethane	7.88	113	109212	54.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.24%	
50) Toluene-d8	10.32	98	433227	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.62	95	134532	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
Target Compounds						
29) Tetrahydrofuran	7.53	42	271464	455.432	ug/l	Qvalue 100

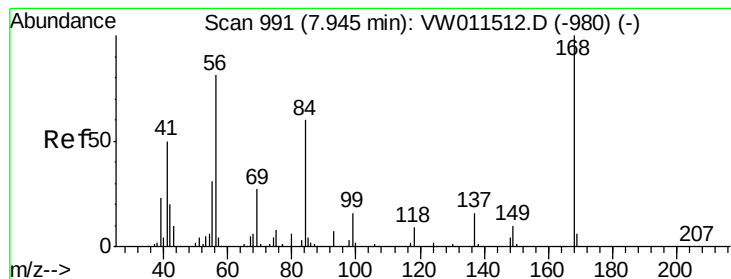
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011747.D

Acq: 07 Aug 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

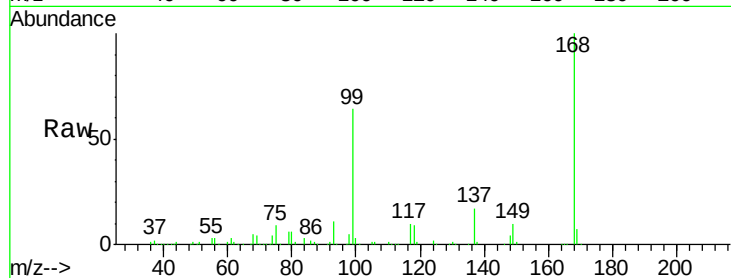
CP-MW3-S-8-12-SOIL

Tot Ion:168 Resp: 218172

Ion Ratio Lower Upper

168 100

99 63.8 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

100000

80000

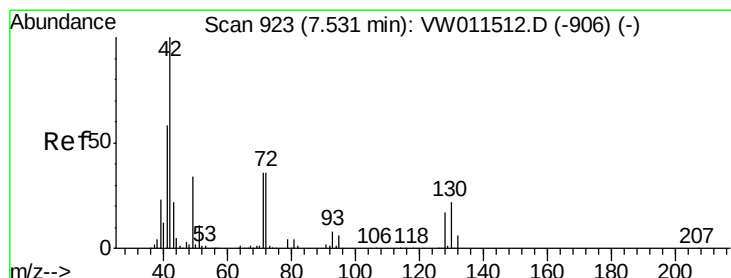
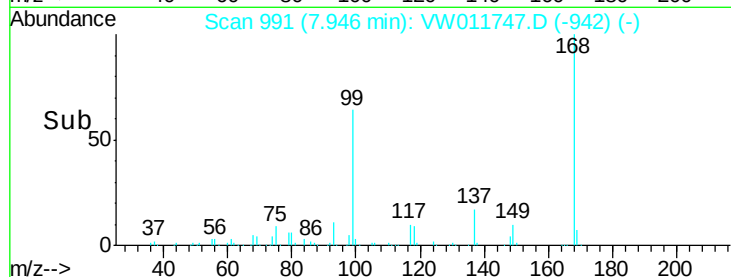
60000

40000

20000

0

Time-->



#29

Tetrahydrofuran

Concen: 455.432 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW011747.D

Acq: 07 Aug 2019 13:31

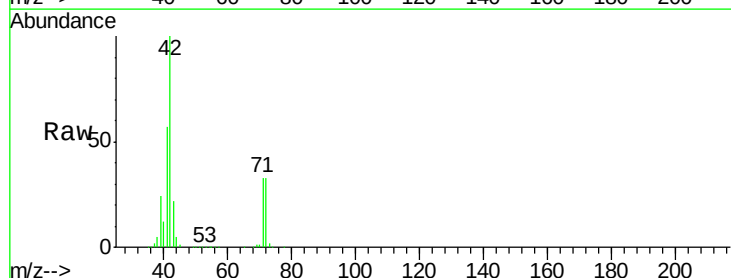
Tgt Ion: 42 Resp: 271464

Ion Ratio Lower Upper

42 100

72 34.0 27.1 40.7

71 32.5 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

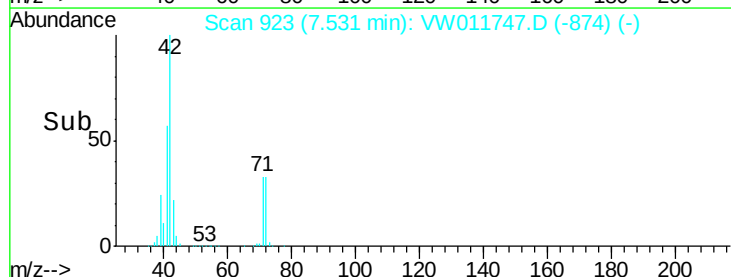
7.53

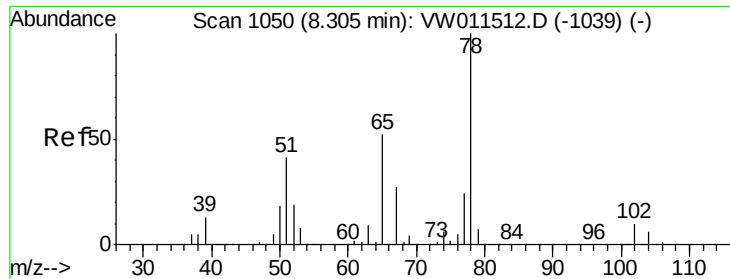
100000

50000

0

Time-->

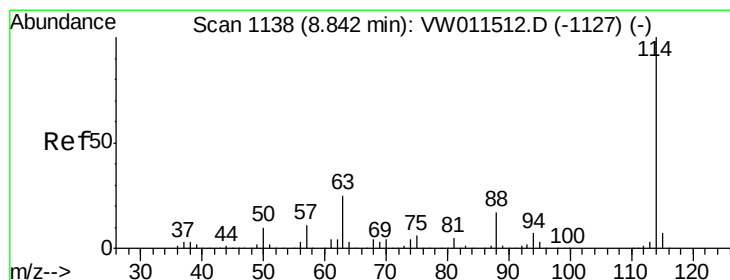
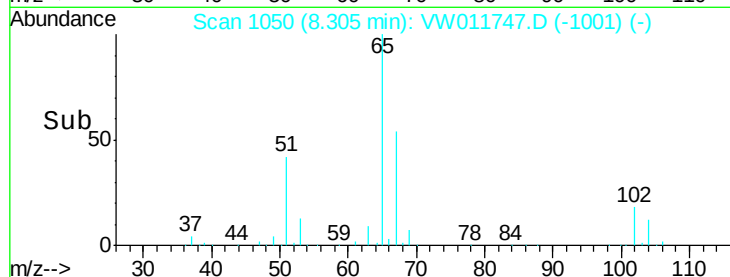
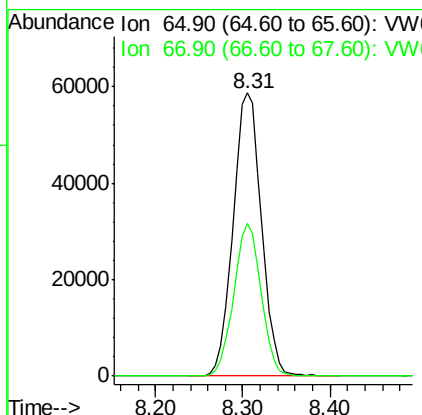
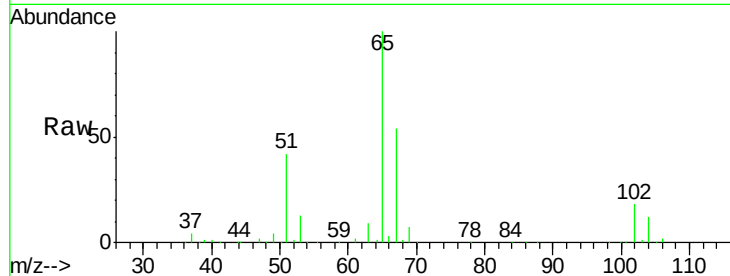




#33
 1,2-Dichloroethane-d4
 Concen: 52.723 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011747.D
 Acq: 07 Aug 2019 13:31

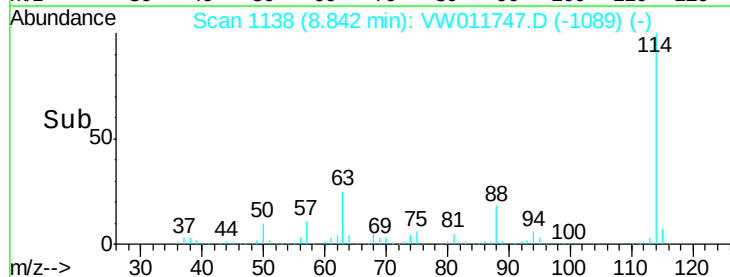
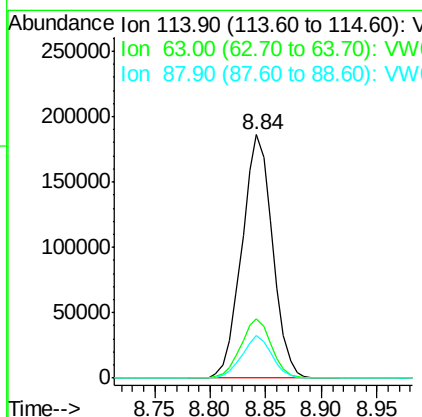
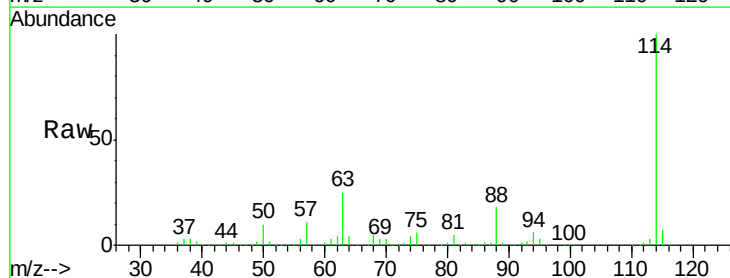
Instrument :
 MSVOA_W
 ClientSampleId :
 CP-MW3-S-8-12-SOIL

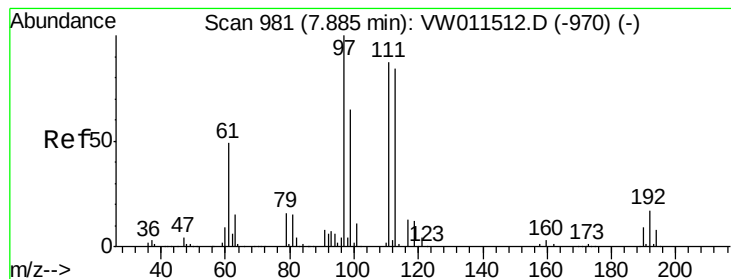
Tot Ion: 65 Resp: 132084
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011747.D
 Acq: 07 Aug 2019 13:31

Tgt Ion: 114 Resp: 356378
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 17.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.624 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011747.D

Acq: 07 Aug 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

CP-MW3-S-8-12-SOIL

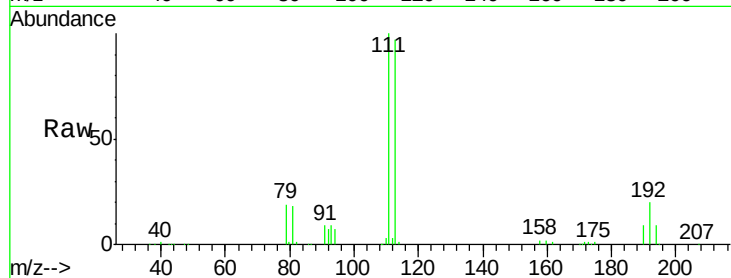
Tot Ion:113 Resp: 109212

Ion Ratio Lower Upper

113 100

111 103.0 82.7 124.1

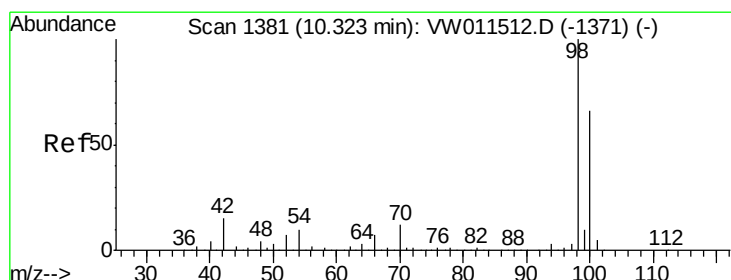
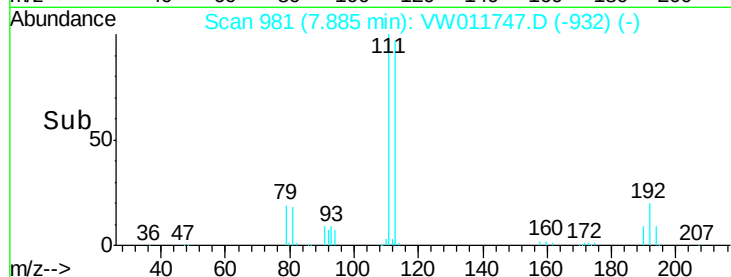
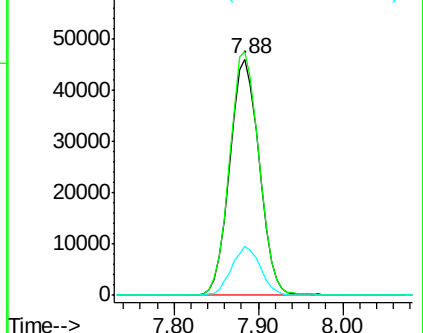
192 20.1 16.1 24.1



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: 52.924 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011747.D

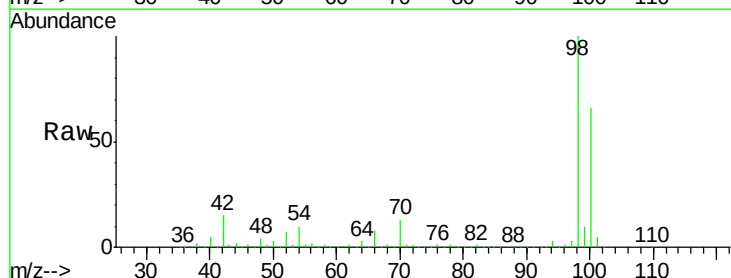
Acq: 07 Aug 2019 13:31

Tgt Ion: 98 Resp: 433227

Ion Ratio Lower Upper

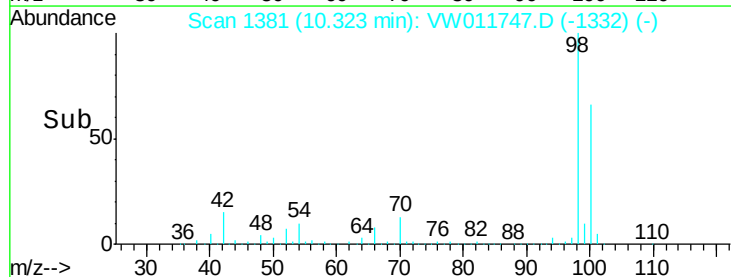
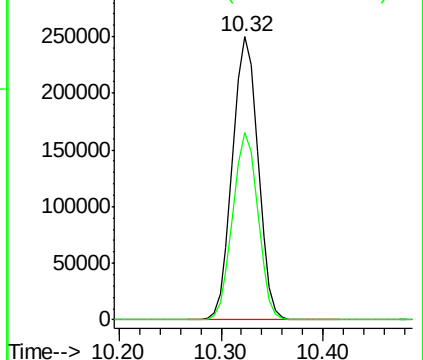
98 100

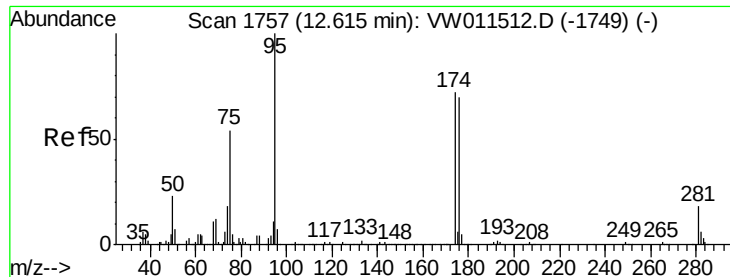
100 65.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 46.097 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011747.D

Acq: 07 Aug 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

CP-MW3-S-8-12-SOIL

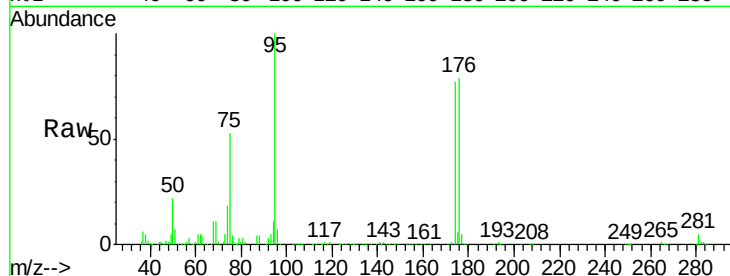
Tot Ion: 95 Resp: 134532

Ion Ratio Lower Upper

95 100

174 74.6 0.0 150.2

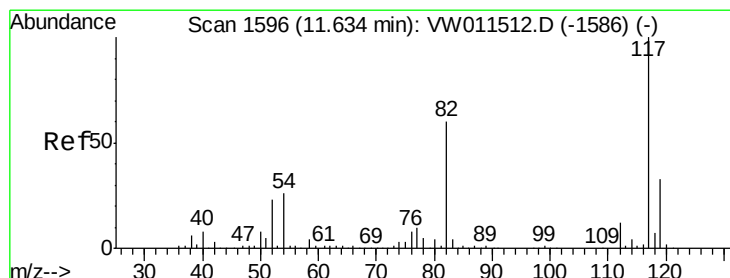
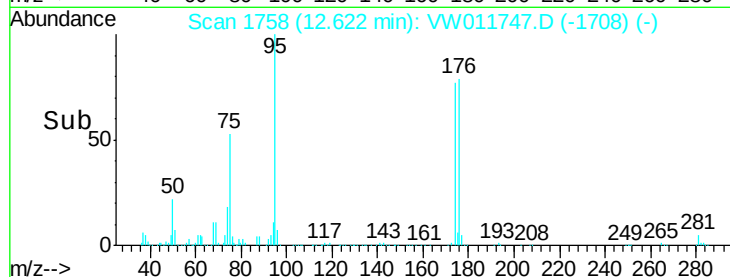
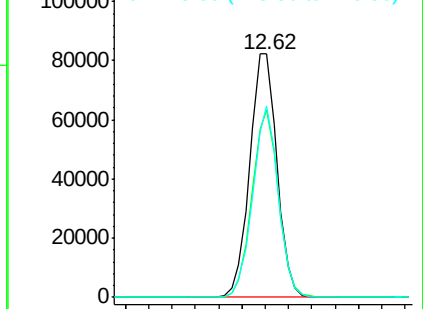
176 73.7 0.0 144.4



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: VW011747.D

Acq: 07 Aug 2019 13:31

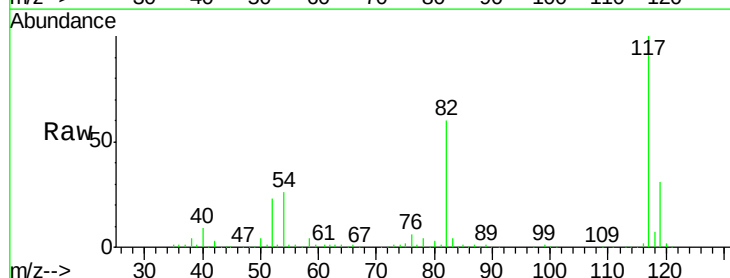
Tgt Ion: 117 Resp: 294329

Ion Ratio Lower Upper

117 100

82 59.8 47.9 71.9

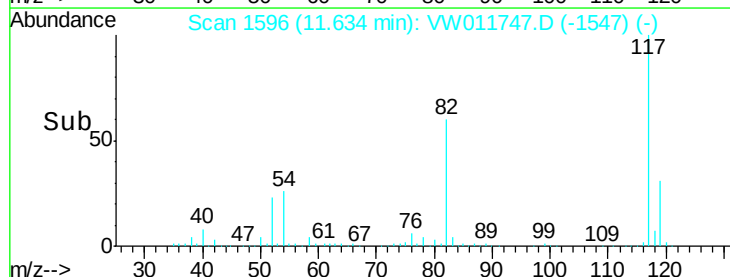
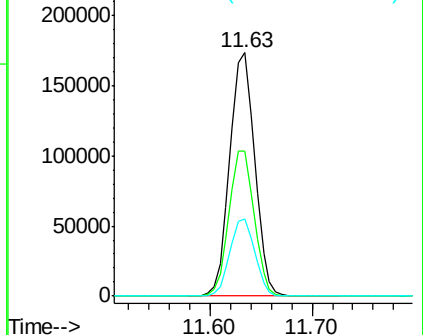
119 31.5 26.2 39.2

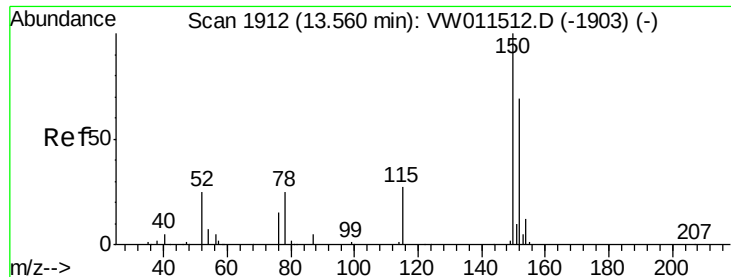


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW011747.D

Acq: 07 Aug 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

CP-MW3-S-8-12-SOIL

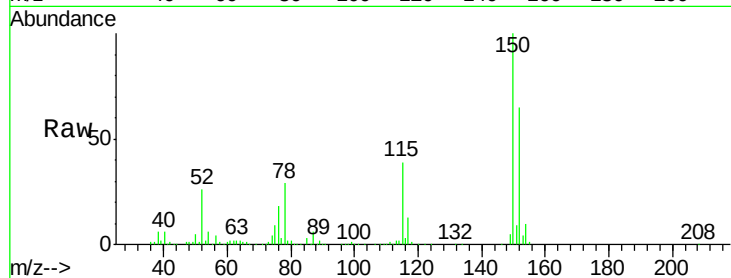
Tot Ion:152 Resp: 116242

Ion Ratio Lower Upper

152 100

115 60.0 30.5 91.5

150 154.2 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

