

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062620\
 Data File : VW015747.D
 Acq On : 26 Jun 2020 15:26
 Operator : SY/VA
 Sample : L3136-01RE
 Misc : 8.74G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BP-MW180-SOIL-570-572RE

Quant Time: Jun 27 02:26:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

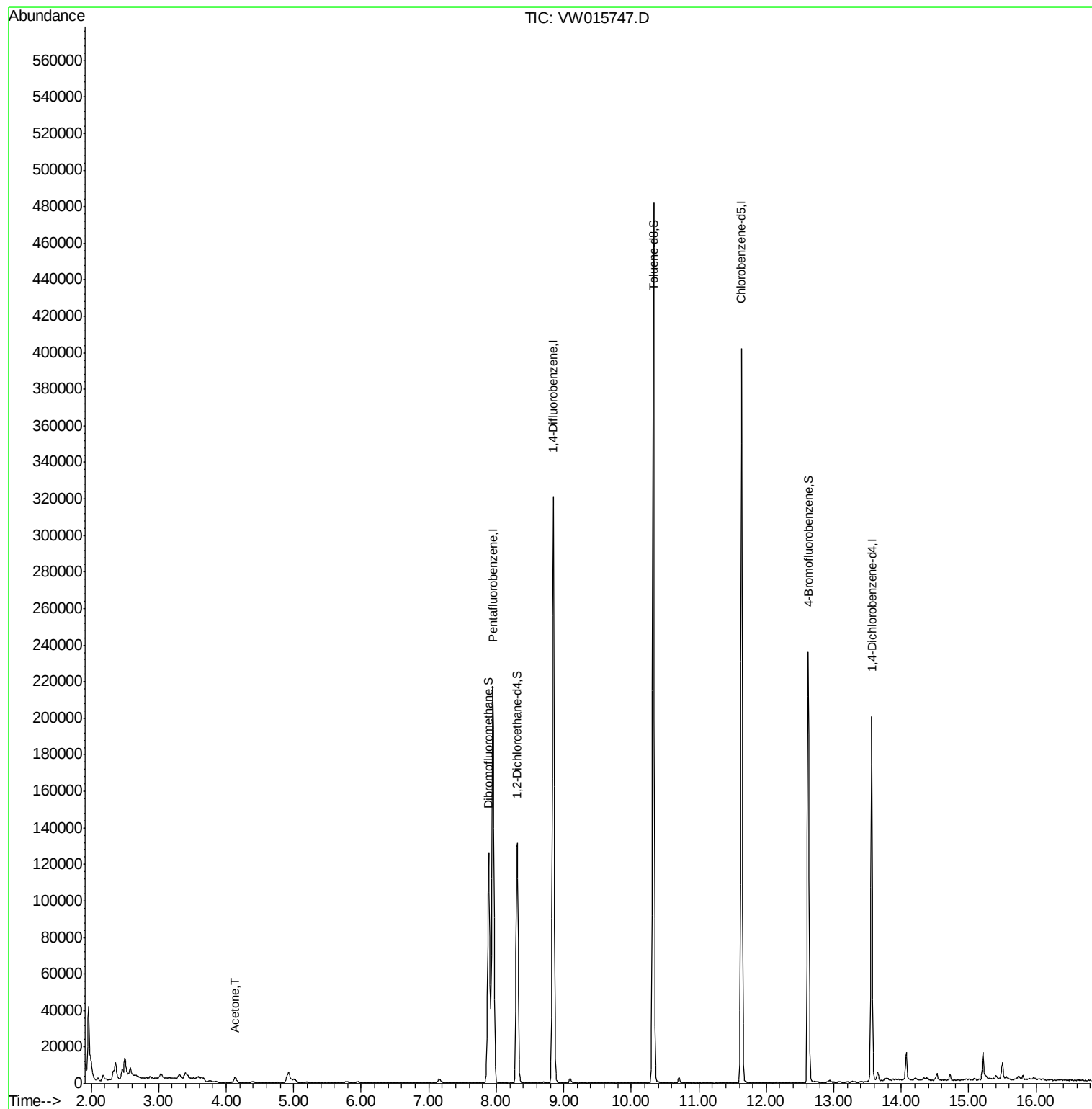
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	160766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	266825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	211397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	49607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	107576	60.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.28%	
35) Dibromofluoromethane	7.88	113	86532	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
50) Toluene-d8	10.33	98	317763	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.62	95	74800	30.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.50%	
Target Compounds						
16) Acetone	4.14	43	5582	16.415	ug/l	Qvalue 96

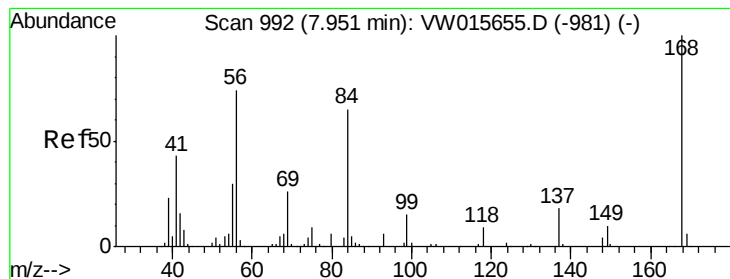
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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ClientSampleId :

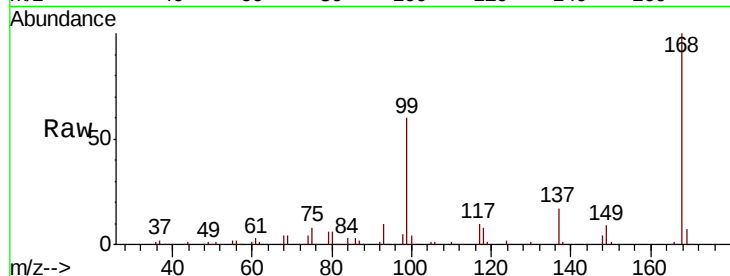
BP-MW180-SOIL-570-572RE

Tot Ion:168 Resp: 160766

Ion Ratio Lower Upper

168 100

99 59.6 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

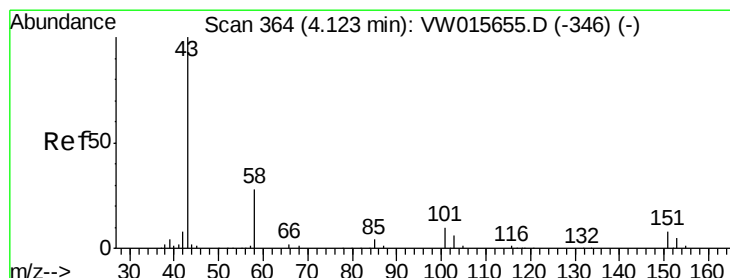
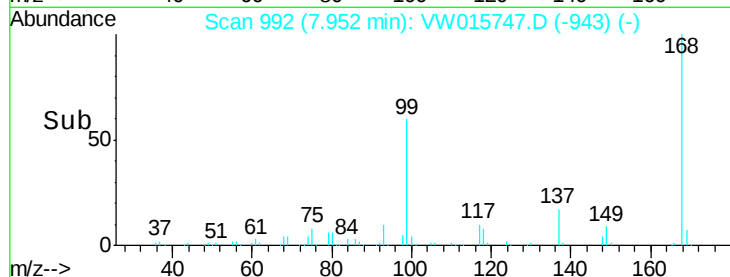
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 16.415 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015747.D

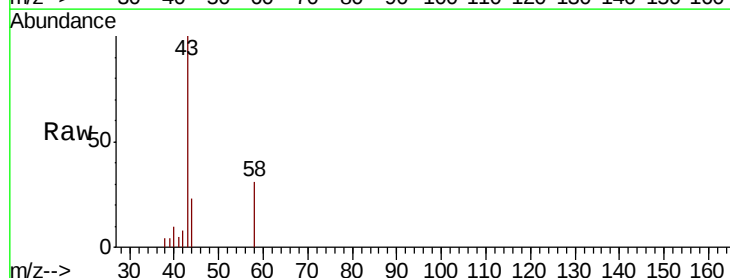
Acq: 26 Jun 2020 15:26

Tgt Ion: 43 Resp: 5582

Ion Ratio Lower Upper

43 100

58 30.6 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2000

1500

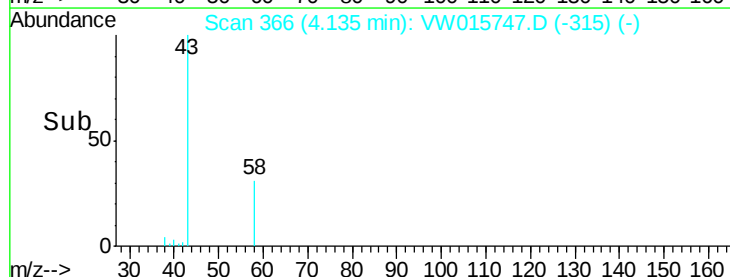
1000

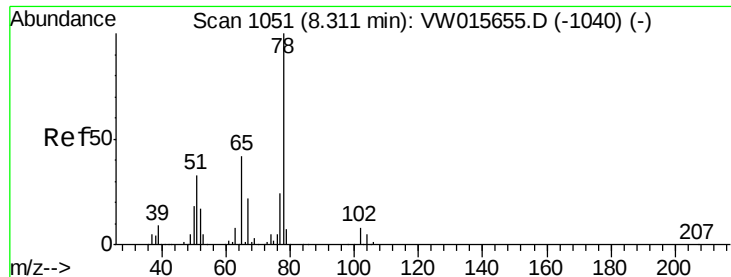
500

0

4.00 4.10 4.20

Time-->





#33

1,2-Dichloroethane-d4

Concen: 60.141 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015747.D

Acq: 26 Jun 2020 15:26

Instrument :

MSVOA_W

ClientSampleId :

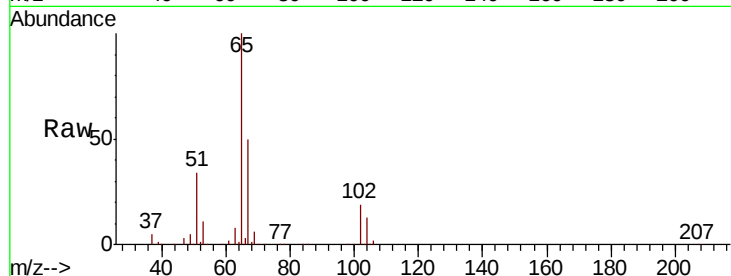
BP-MW180-SOIL-570-572RE

Tot Ion: 65 Resp: 107576

Ion Ratio Lower Upper

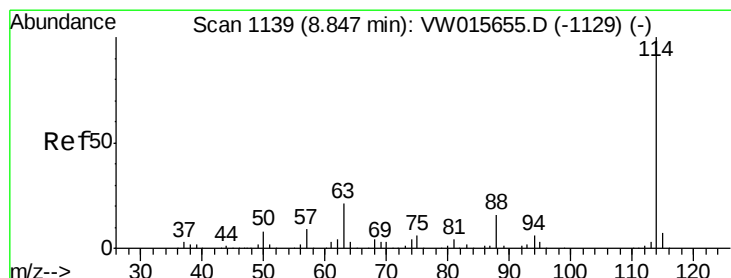
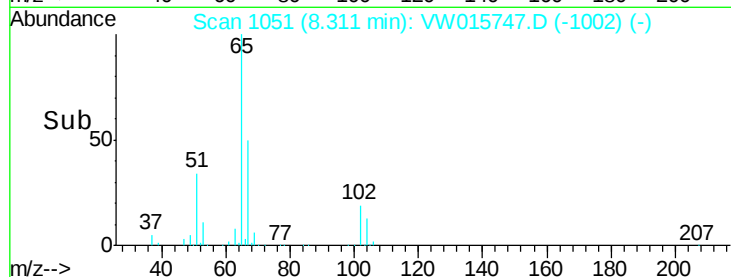
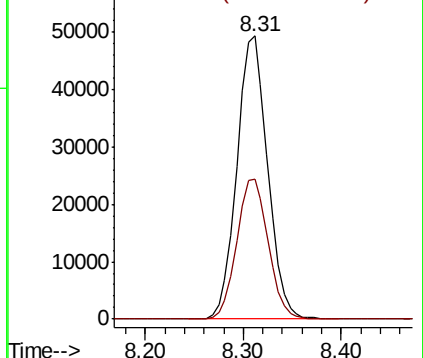
65 100

67 50.6 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW015747.D

Acq: 26 Jun 2020 15:26

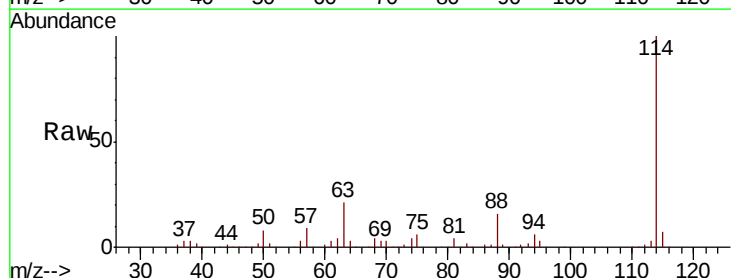
Tgt Ion: 114 Resp: 266825

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

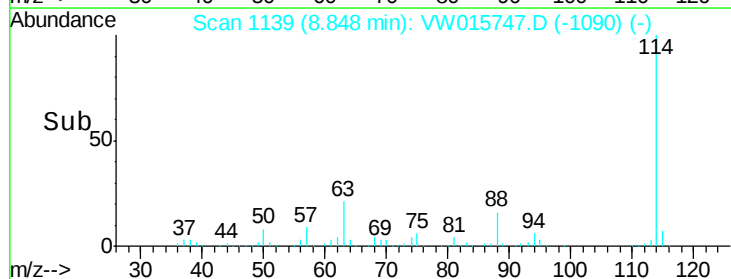
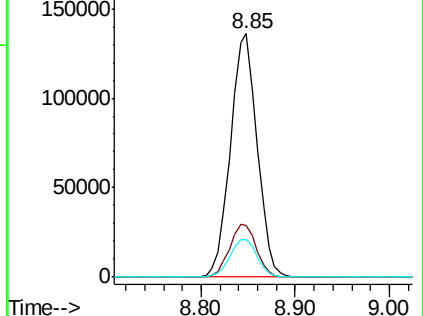
88 15.5 0.0 32.6

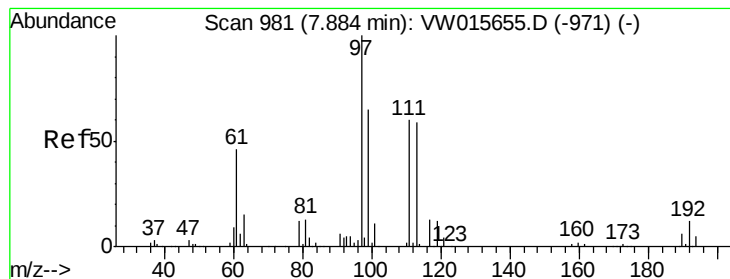


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 51.556 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

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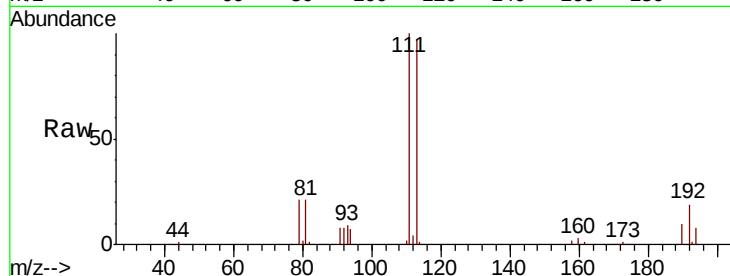
Tot Ion:113 Resp: 86532

Ion Ratio Lower Upper

113 100

111 104.4 82.3 123.5

192 20.1 16.4 24.6

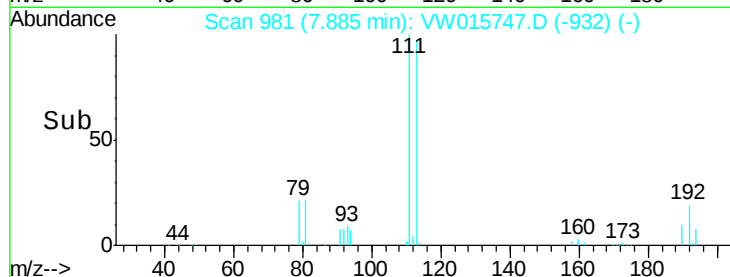


Abundance Ion 112.80 (112.50 to 113.50): V

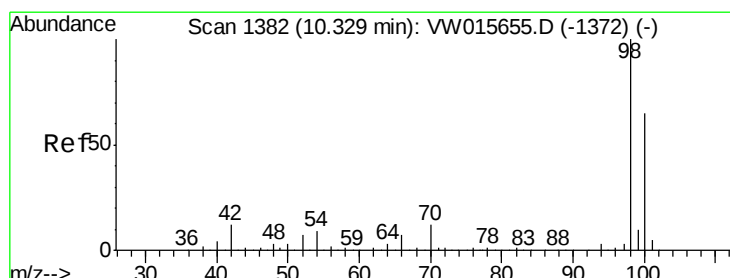
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->



Time-->



#50

Toluene-d8

Concen: 48.108 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW015747.D

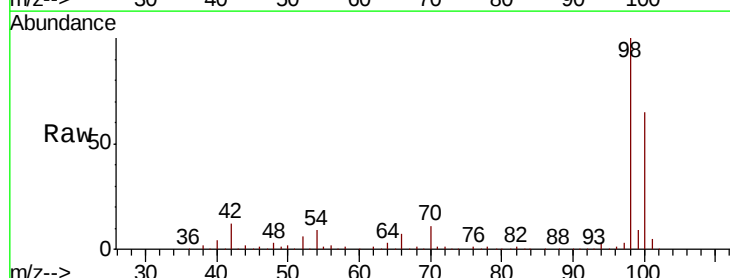
Acq: 26 Jun 2020 15:26

Tgt Ion: 98 Resp: 317763

Ion Ratio Lower Upper

98 100

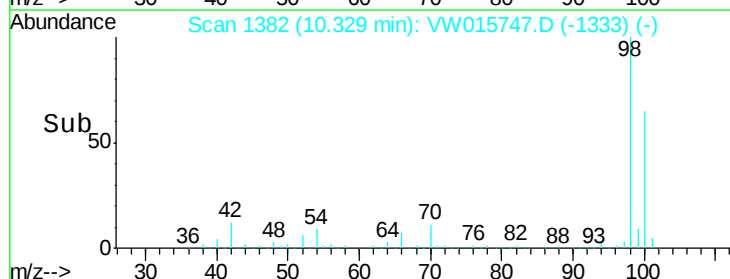
100 65.5 52.8 79.2



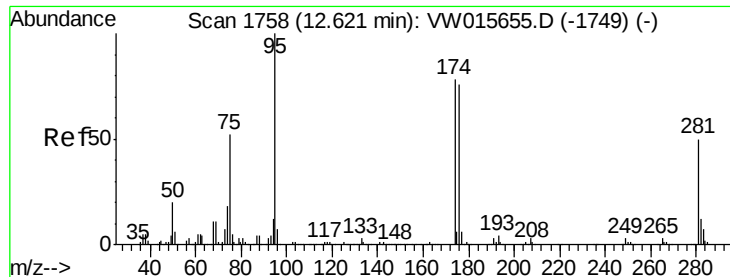
Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

Time-->



Time-->



#62

4-Bromofluorobenzene

Concen: 30.750 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015747.D

Acq: 26 Jun 2020 15:26

Instrument :

MSVOA_W

ClientSampleId :

BP-MW180-SOIL-570-572RE

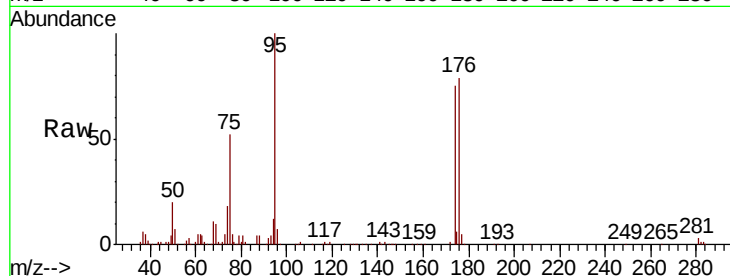
Tot Ion: 95 Resp: 74800

Ion Ratio Lower Upper

95 100

174 77.7 0.0 157.0

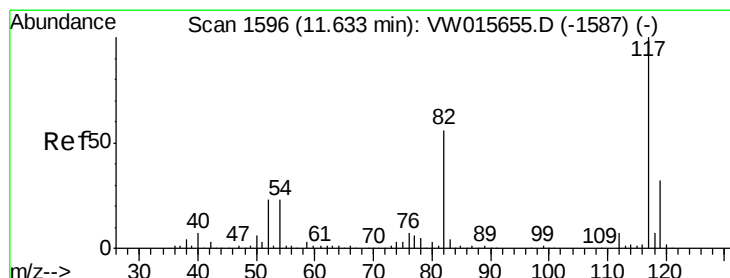
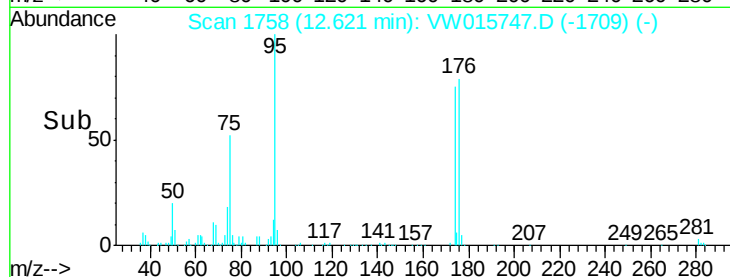
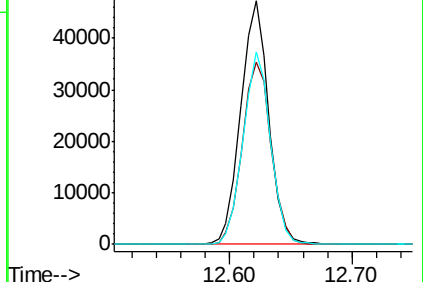
176 77.9 0.0 151.4



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: VW015747.D

Acq: 26 Jun 2020 15:26

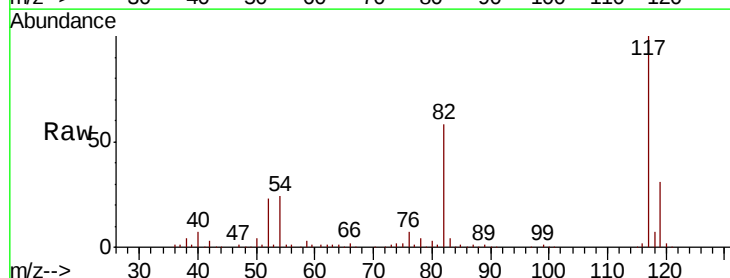
Tgt Ion: 117 Resp: 211397

Ion Ratio Lower Upper

117 100

82 57.8 45.1 67.7

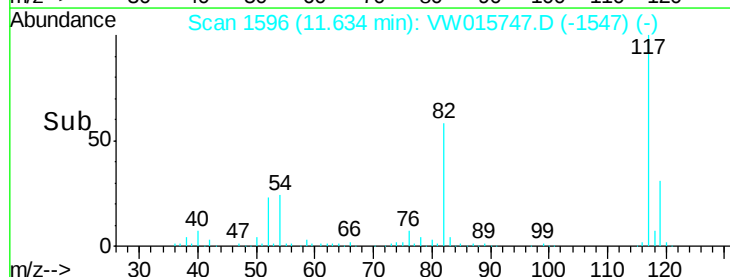
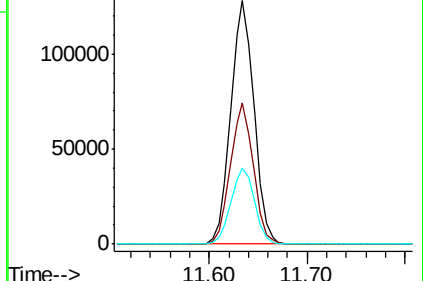
119 31.2 25.8 38.8

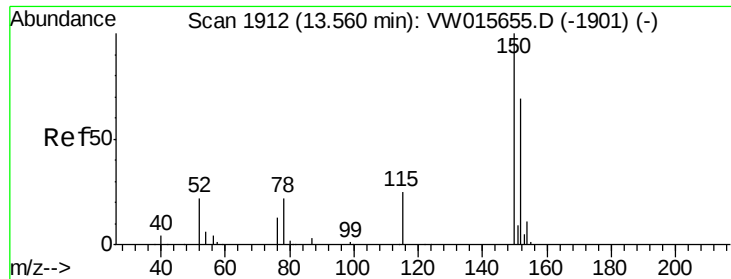


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW015747.D

Acq: 26 Jun 2020 15:26

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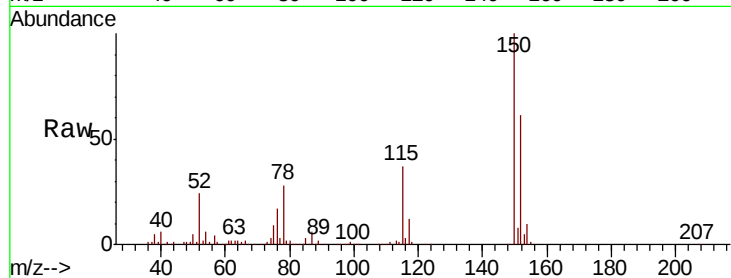
Tot Ion:152 Resp: 49607

Ion Ratio Lower Upper

152 100

115 61.6 30.1 90.5

150 160.2 0.0 345.6



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

