

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015666.D
 Acq On : 23 Jun 2020 17:12
 Operator : SY/VA
 Sample : L3079-07
 Misc : 7.61G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JFK-SB-01-35.0-37.0

Quant Time: Jun 24 03:57:38 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

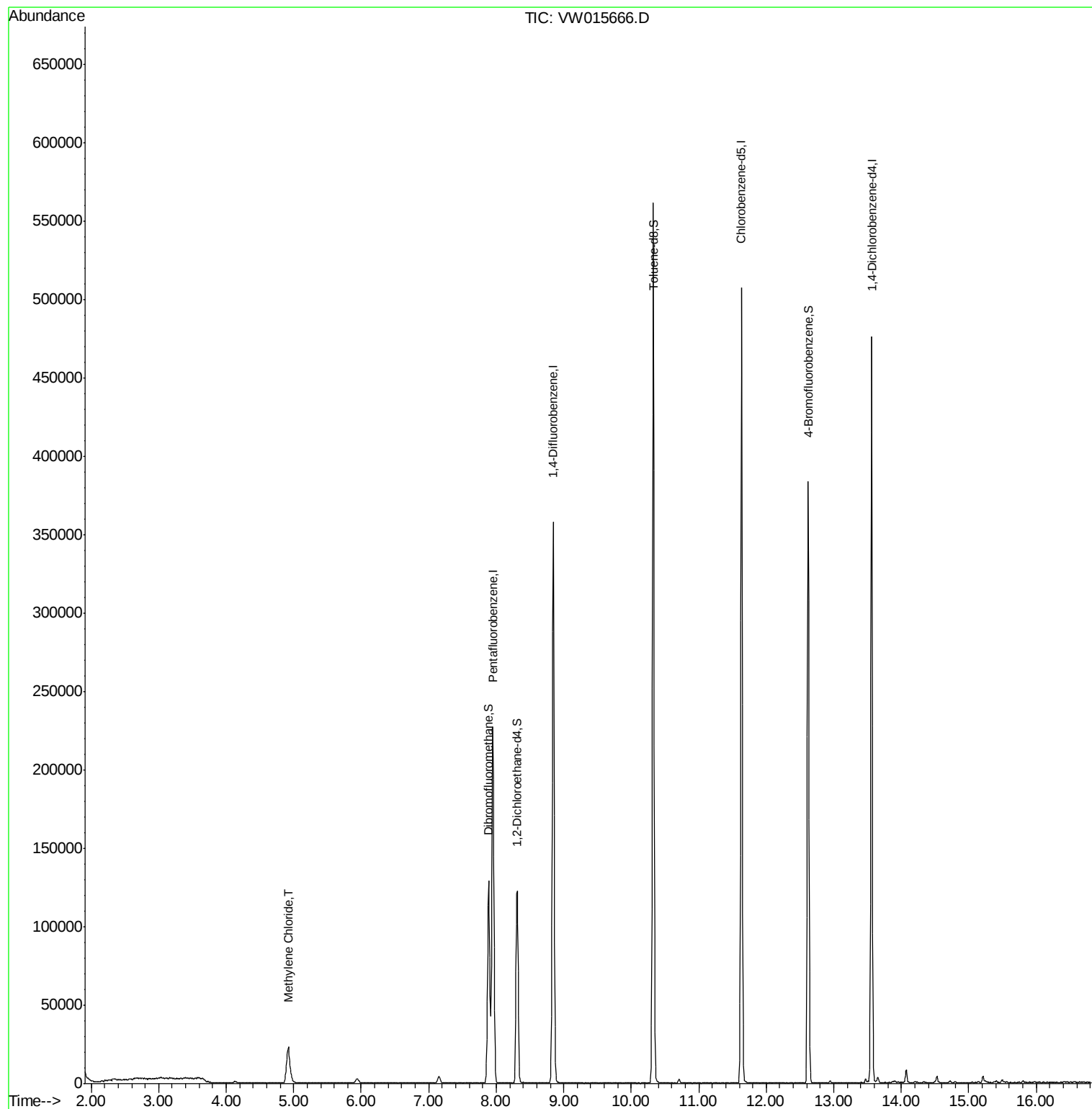
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	167455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	289165	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119283	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	101732	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.20%	
35) Dibromofluoromethane	7.89	113	92638	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
50) Toluene-d8	10.32	98	359489	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.62	95	121687	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
Target Compounds						
20) Methylene Chloride	4.92	84	19455	7.392	ug/l	Qvalue 92

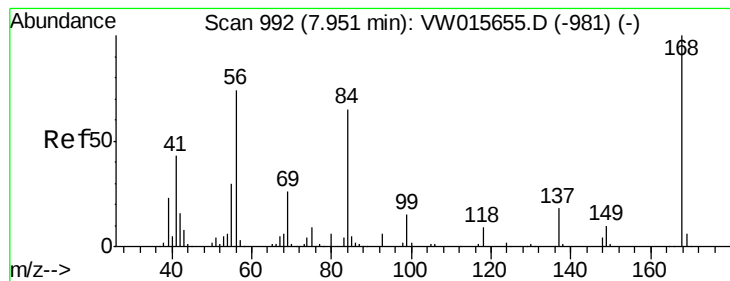
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015666.D

Acq: 23 Jun 2020 17:12

Instrument :

MSVOA_W

ClientSampleId :

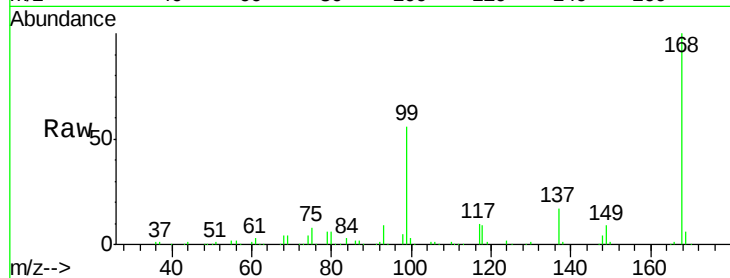
JFK-SB-01-35.0-37.0

Tot Ion:168 Resp: 167455

Ion Ratio Lower Upper

168 100

99 55.7 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

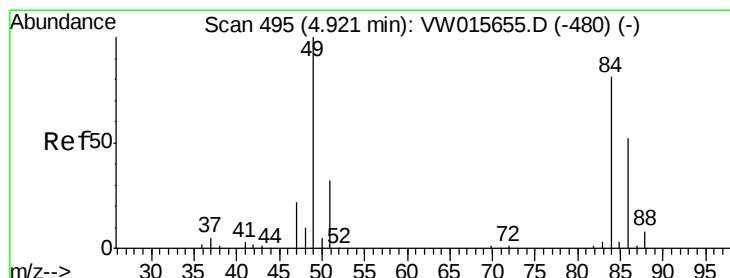
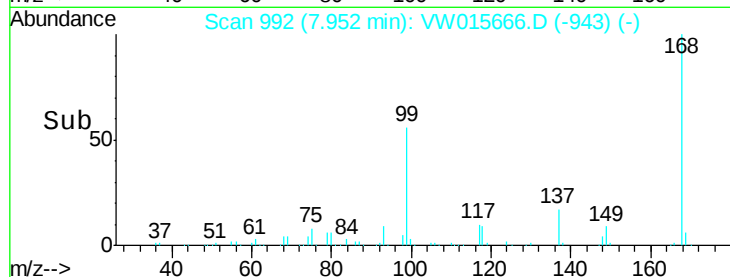
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 7.392 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW015666.D

Acq: 23 Jun 2020 17:12

Tgt Ion: 84 Resp: 19455

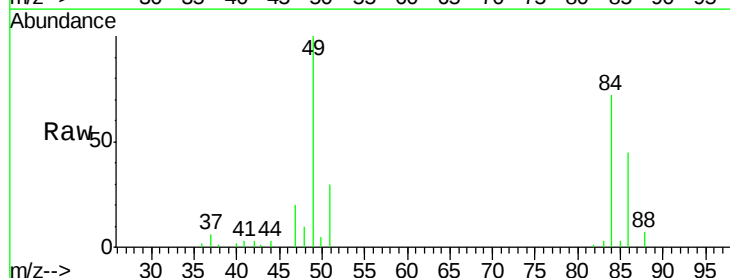
Ion Ratio Lower Upper

84 100

49 138.2 99.3 148.9

51 41.7 31.8 47.6

86 62.7 51.7 77.5



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

10000

8000

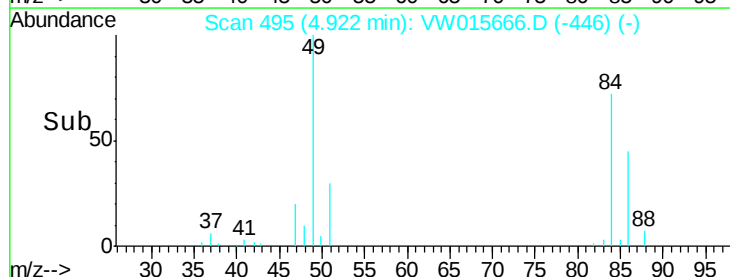
6000

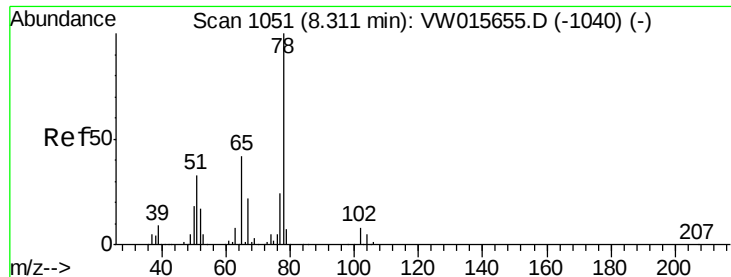
4000

2000

0

Time--> 4.80 4.90 5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 54.602 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015666.D

Acq: 23 Jun 2020 17:12

Instrument :

MSVOA_W

ClientSampleId :

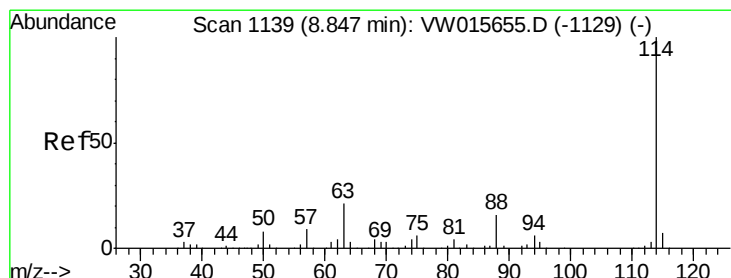
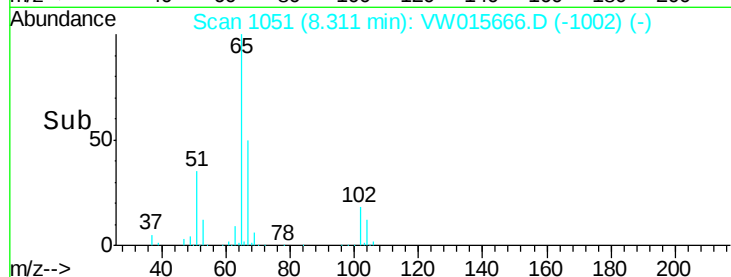
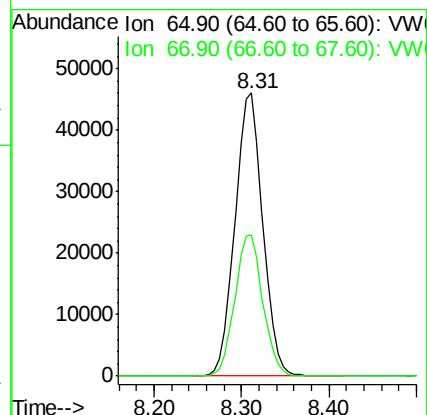
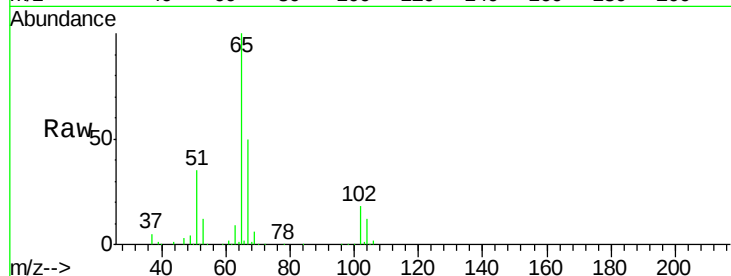
JFK-SB-01-35.0-37.0

Tot Ion: 65 Resp: 101732

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW015666.D

Acq: 23 Jun 2020 17:12

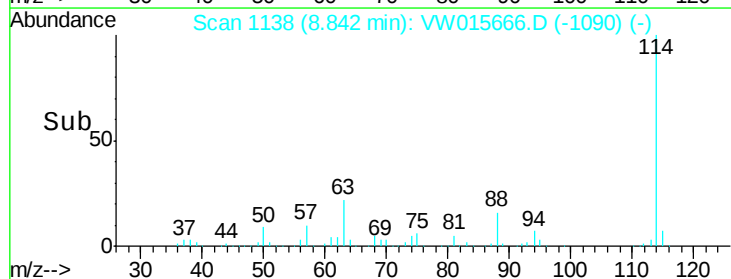
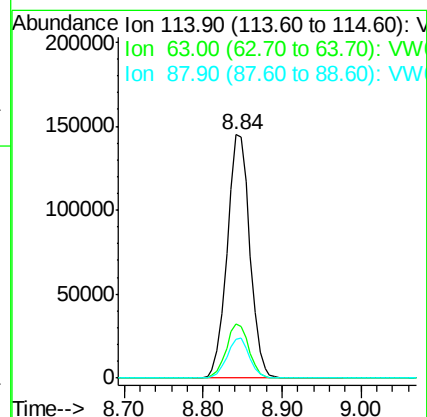
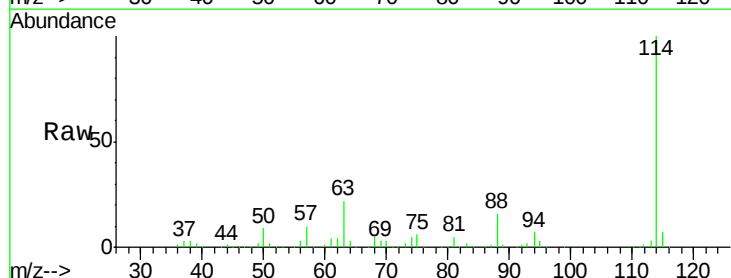
Tgt Ion: 114 Resp: 289165

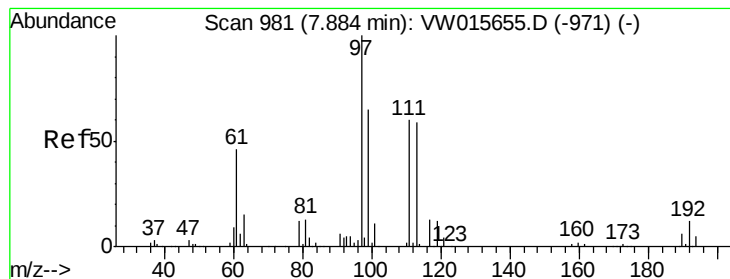
Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.4

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.930 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015666.D

Acq: 23 Jun 2020 17:12

Instrument :

MSVOA_W

ClientSampleId :

JFK-SB-01-35.0-37.0

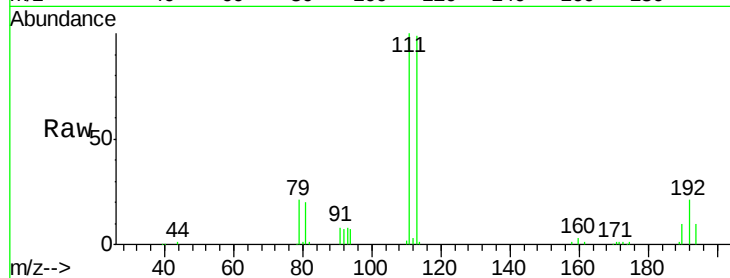
Tot Ion:113 Resp: 92638

Ion Ratio Lower Upper

113 100

111 100.2 82.3 123.5

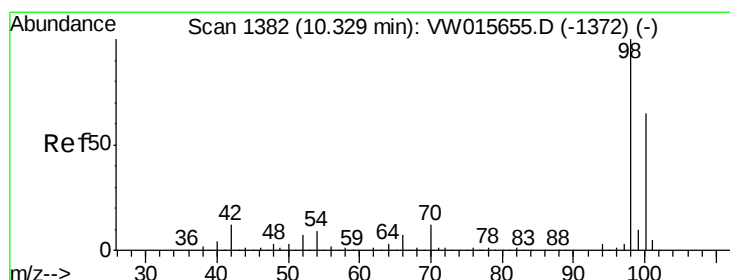
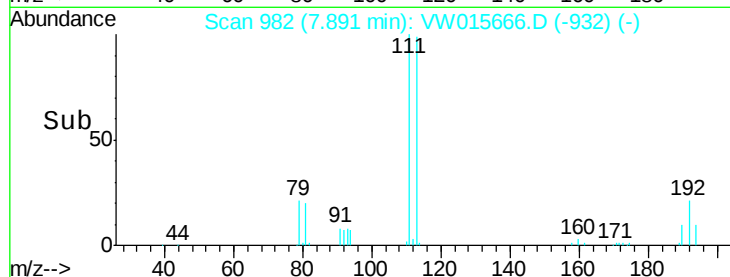
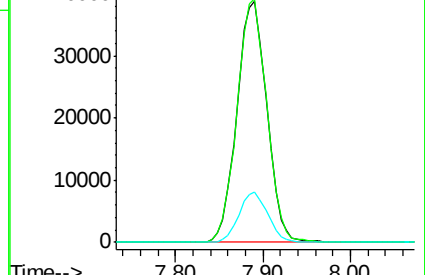
192 20.0 16.4 24.6



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



#50

Toluene-d8

Concen: 50.220 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015666.D

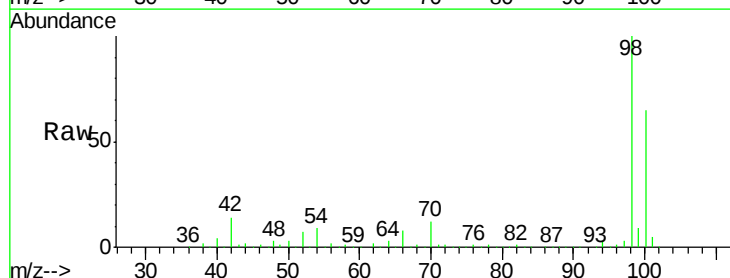
Acq: 23 Jun 2020 17:12

Tgt Ion: 98 Resp: 359489

Ion Ratio Lower Upper

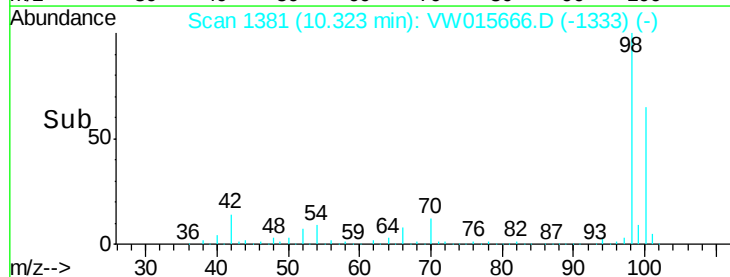
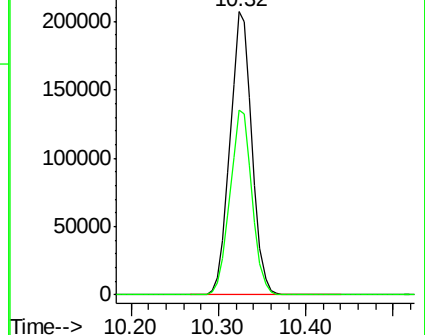
98 100

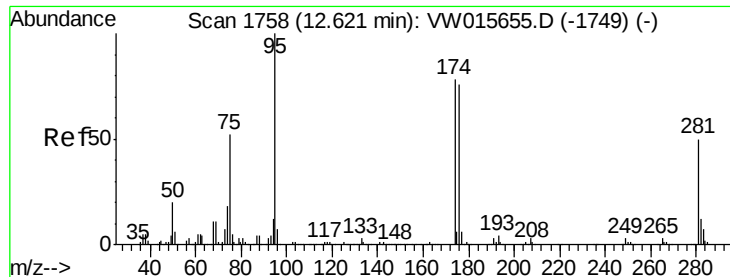
100 65.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 46.160 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015666.D

Acq: 23 Jun 2020 17:12

Instrument :

MSVOA_W

ClientSampleId :

JFK-SB-01-35.0-37.0

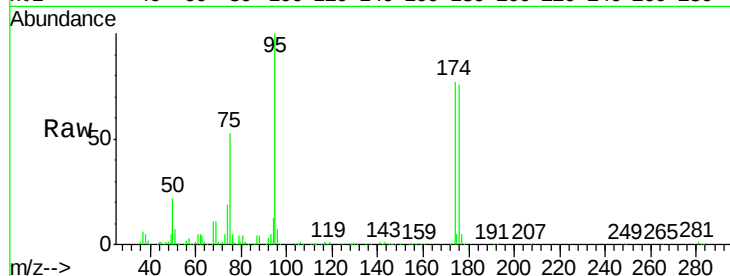
Tot Ion: 95 Resp: 121687

Ion Ratio Lower Upper

95 100

174 77.5 0.0 157.0

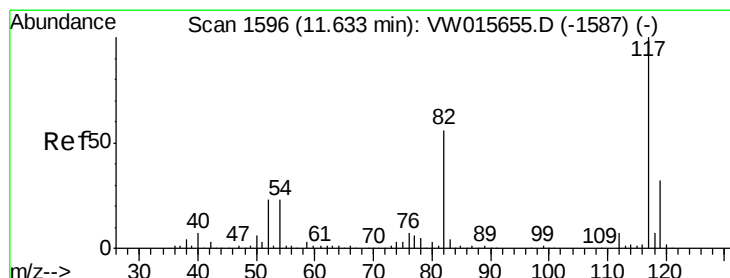
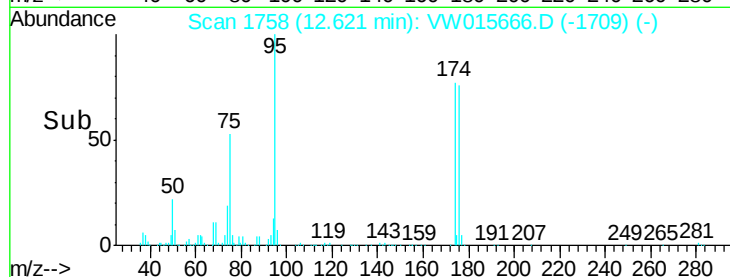
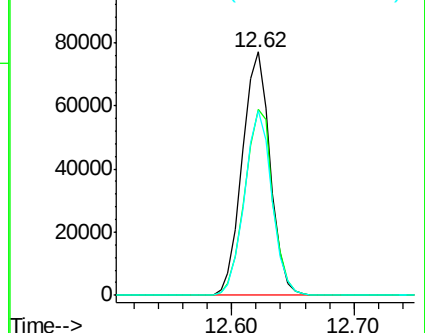
176 74.7 0.0 151.4



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: VW015666.D

Acq: 23 Jun 2020 17:12

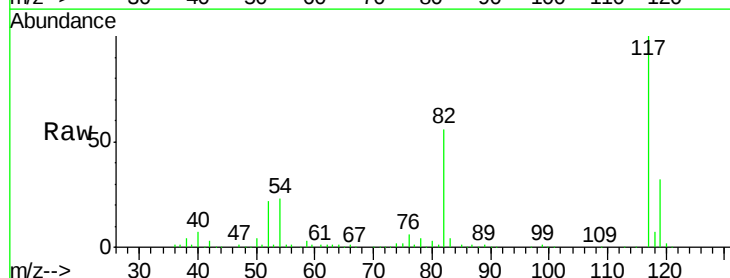
Tgt Ion: 117 Resp: 264160

Ion Ratio Lower Upper

117 100

82 55.6 45.1 67.7

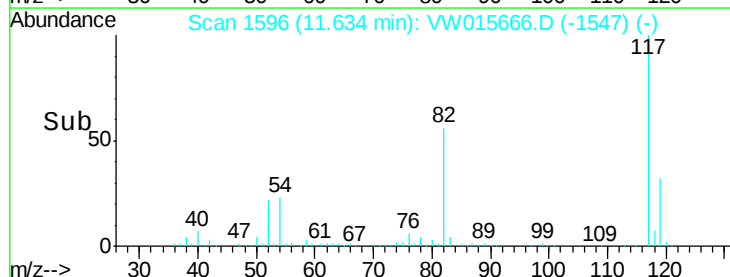
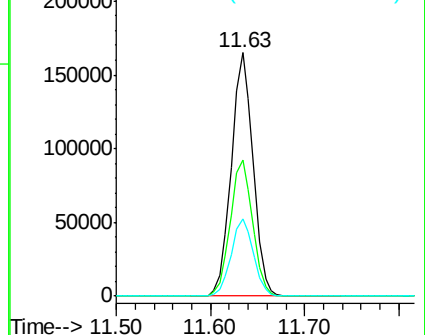
119 31.7 25.8 38.8

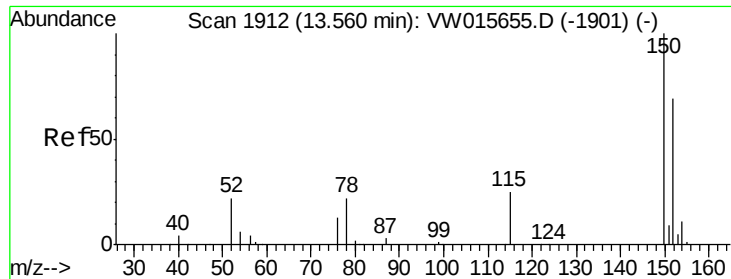


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

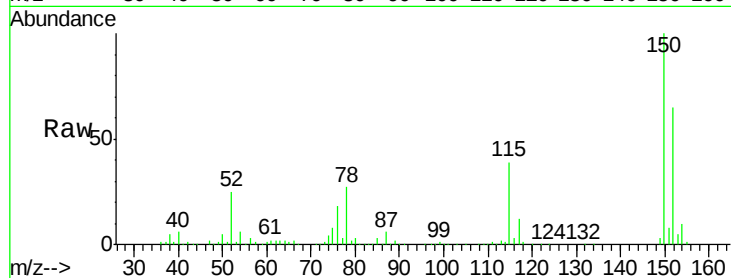




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW015666.D
 Acq: 23 Jun 2020 17:12

Instrument :
 MSVOA_W
 ClientSampleId :
 JFK-SB-01-35.0-37.0

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.3	30.1	90.5
150	156.5	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

