

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015708.D
 Acq On : 25 Jun 2020 03:15
 Operator : SY/VA
 Sample : L3079-06
 Misc : 7.16G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JFK-SB-01-70.0-72.0

Quant Time: Jun 25 04:15:50 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

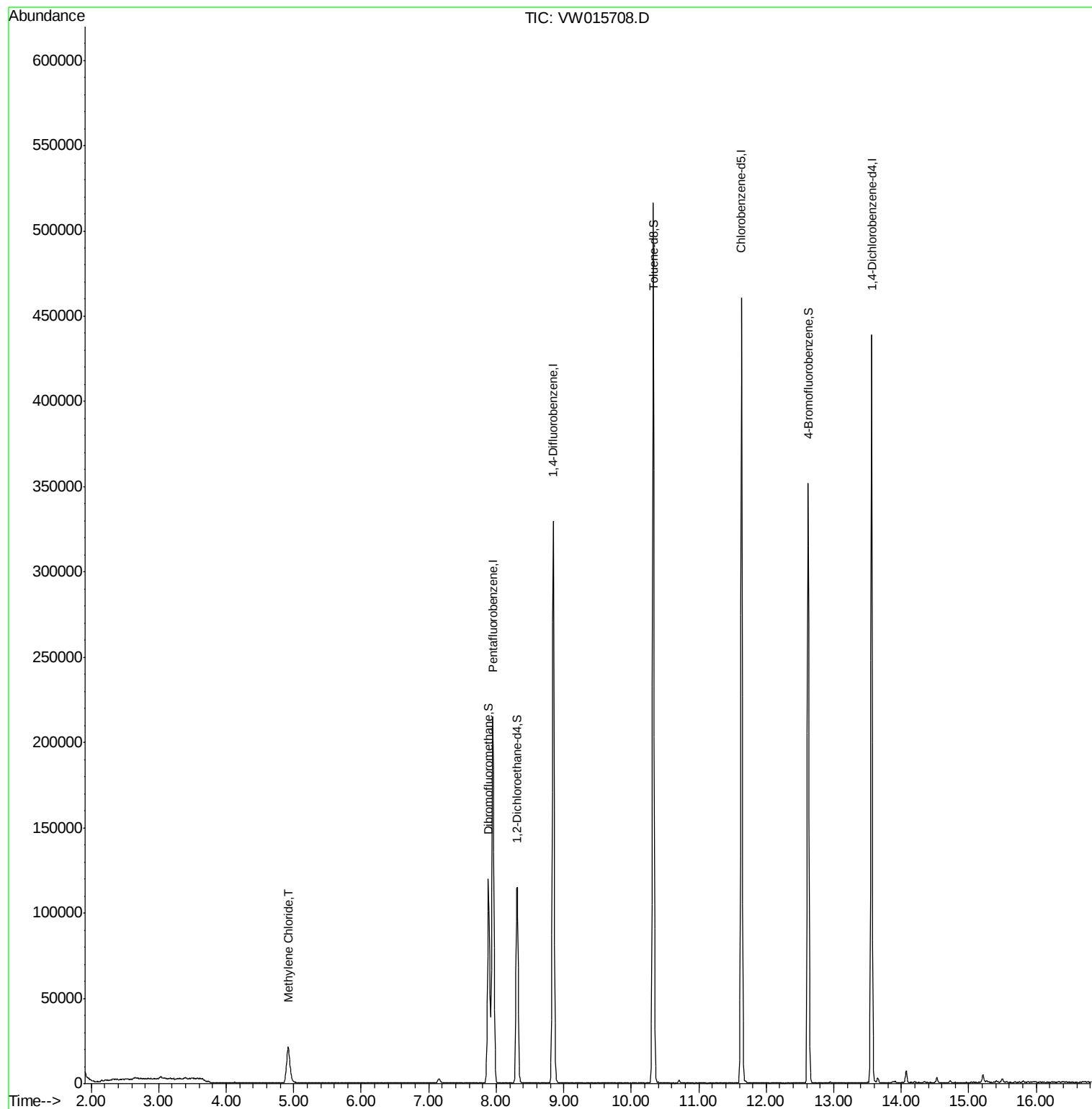
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	154219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	271566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	244323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108407	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	95299	55.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.08%	
35) Dibromofluoromethane	7.88	113	83821	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
50) Toluene-d8	10.32	98	335499	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.62	95	109422	44.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.40%	
Target Compounds						
20) Methylene Chloride	4.92	84	18151	7.554	ug/l	Qvalue 97

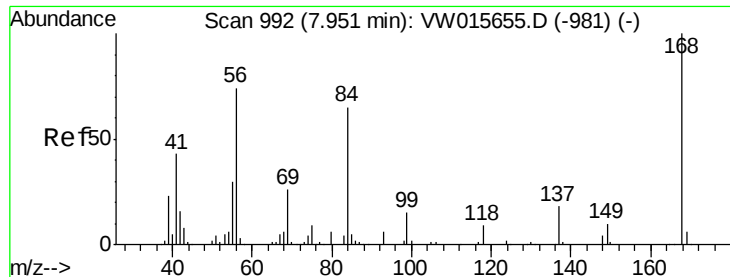
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015708.D

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ClientSampleId :

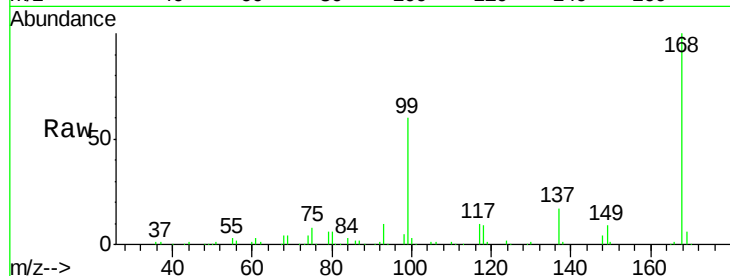
JFK-SB-01-70.0-72.0

Tot Ion:168 Resp: 154219

Ion Ratio Lower Upper

168 100

99 59.8 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

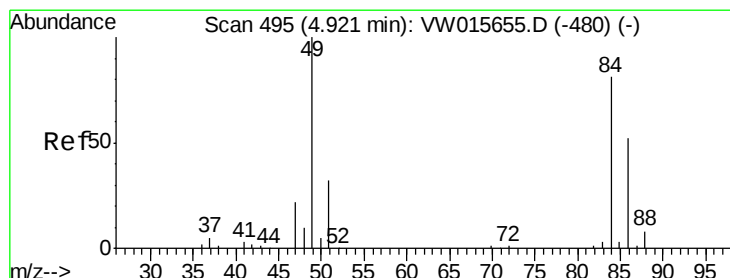
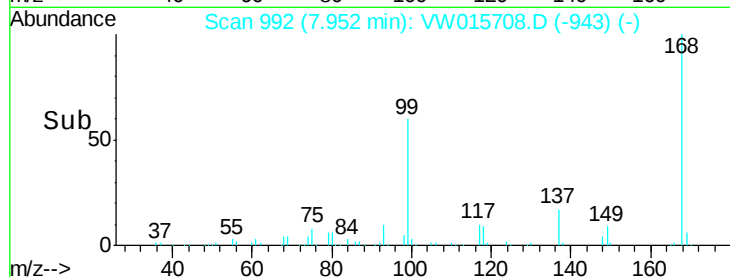
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 7.554 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW015708.D

Acq: 25 Jun 2020 03:15

Tgt Ion: 84 Resp: 18151

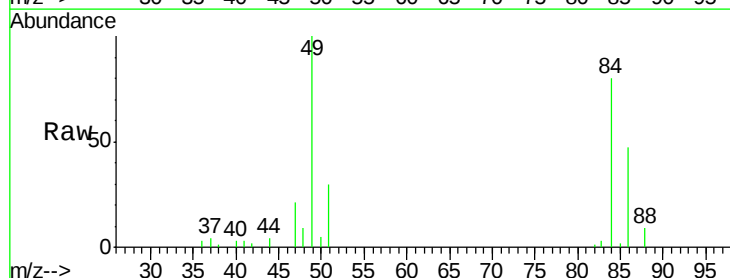
Ion Ratio Lower Upper

84 100

49 124.5 99.3 148.9

51 37.2 31.8 47.6

86 58.9 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

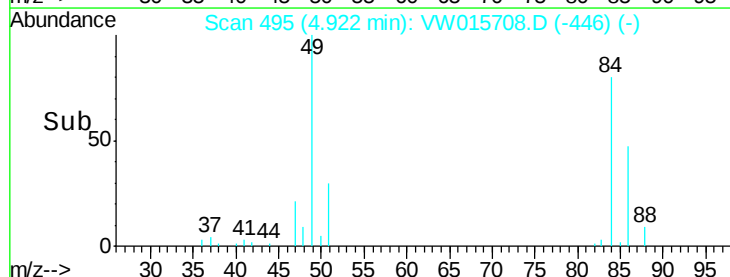
6000

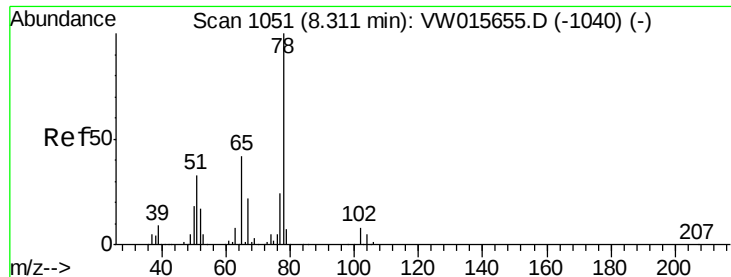
4000

2000

0

Time--> 4.80 4.90 5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 55.539 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015708.D

Acq: 25 Jun 2020 03:15

Instrument :

MSVOA_W

ClientSampleId :

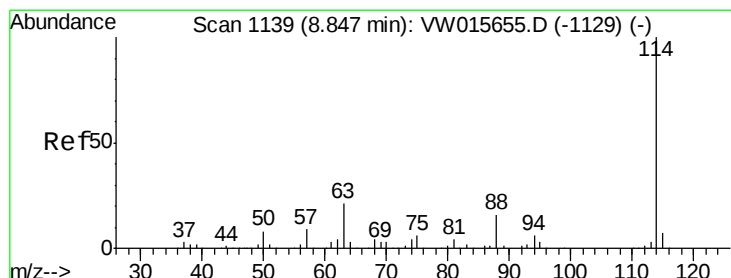
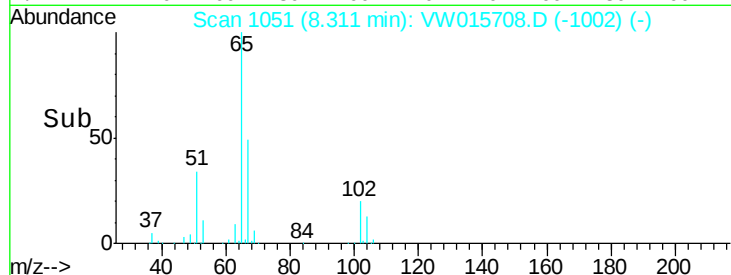
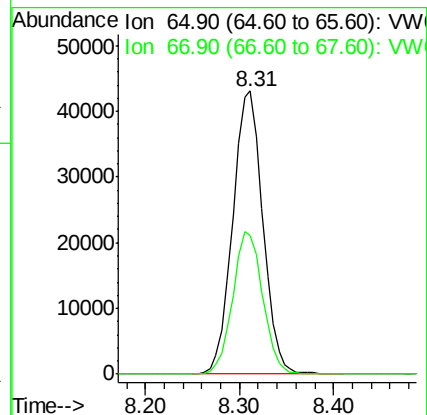
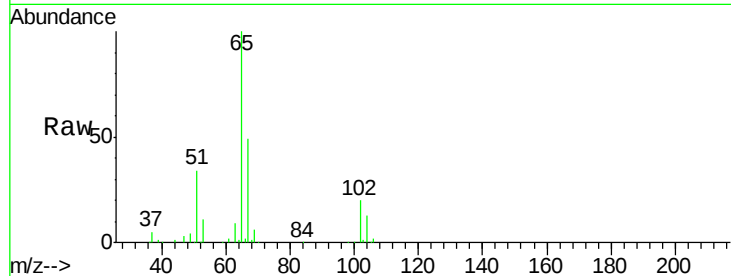
JFK-SB-01-70.0-72.0

Tot Ion: 65 Resp: 95299

Ion Ratio Lower Upper

65 100

67 50.1 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW015708.D

Acq: 25 Jun 2020 03:15

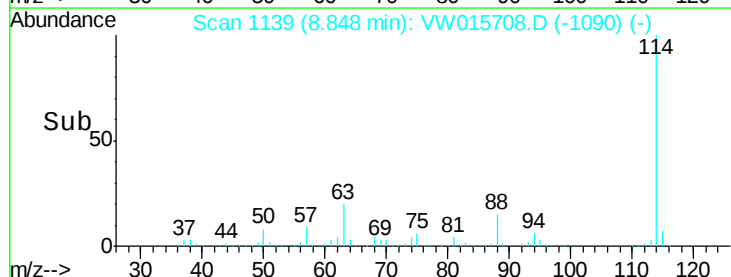
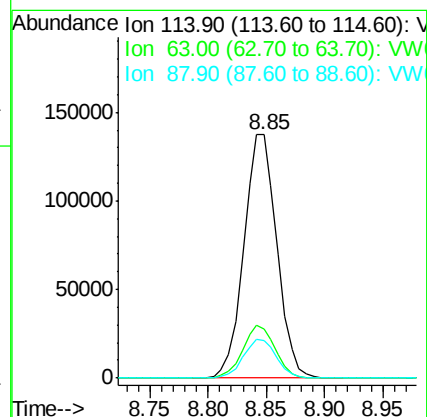
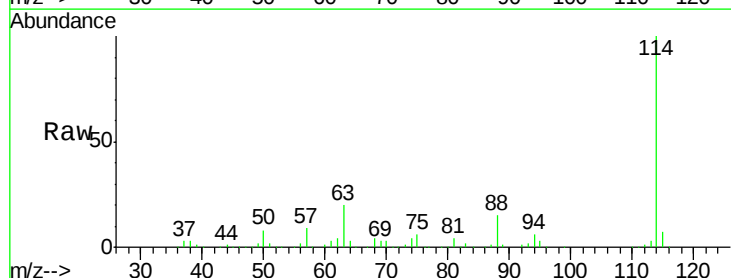
Tgt Ion: 114 Resp: 271566

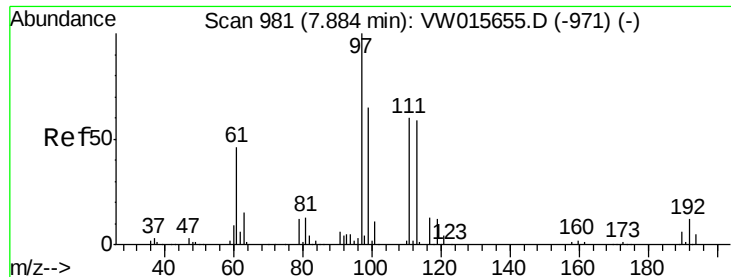
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 15.4 0.0 32.6

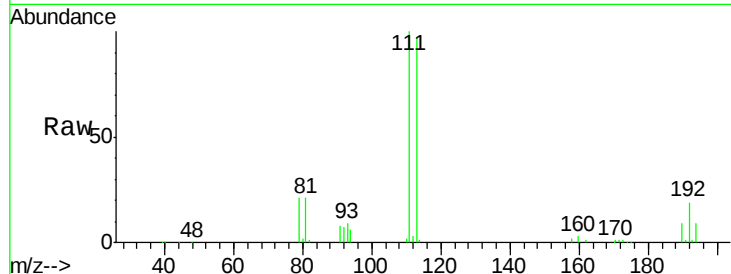




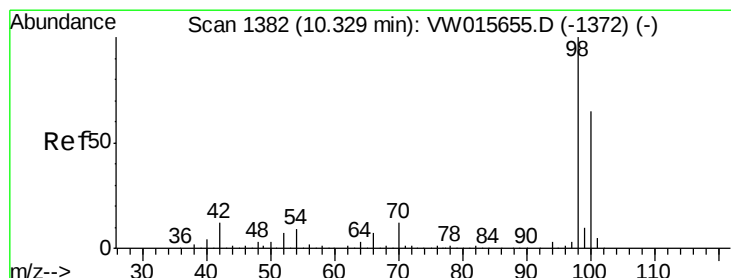
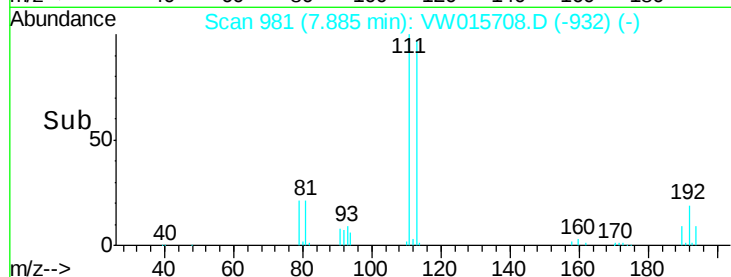
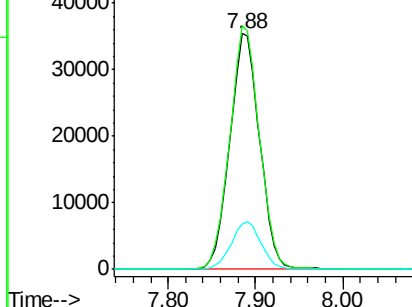
#35
 Dibromofluoromethane
 Concen: 49.069 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015708.D
 Acq: 25 Jun 2020 03:15

Instrument :
 MSVOA_W
 ClientSampleId :
 JFK-SB-01-70.0-72.0

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.3	123.5
192	20.0	16.4	24.6

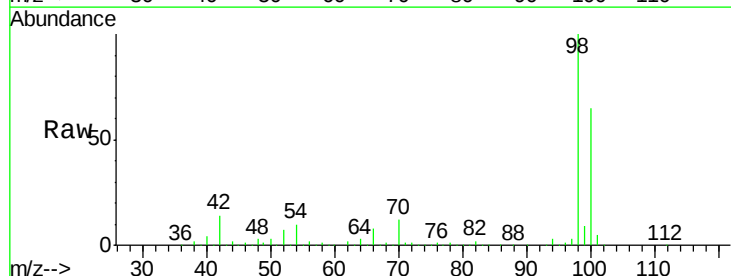


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

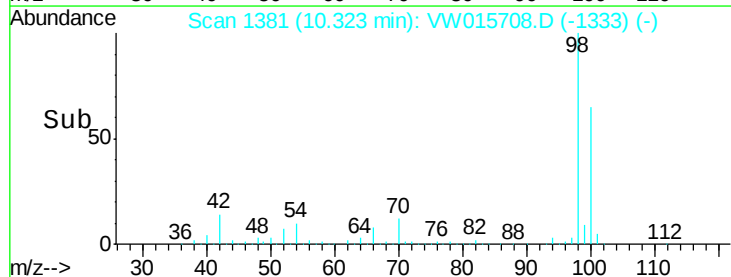
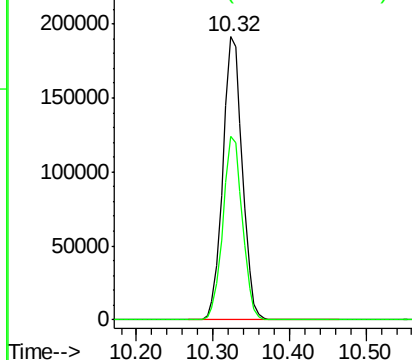


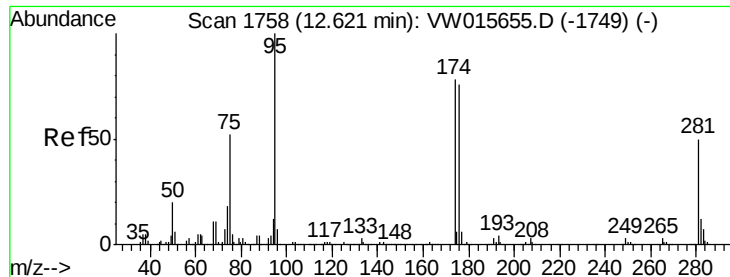
#50
 Toluene-d8
 Concen: 49.906 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: VW015708.D
 Acq: 25 Jun 2020 03:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	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: 44.198 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015708.D

Acq: 25 Jun 2020 03:15

Instrument :

MSVOA_W

ClientSampleId :

JFK-SB-01-70.0-72.0

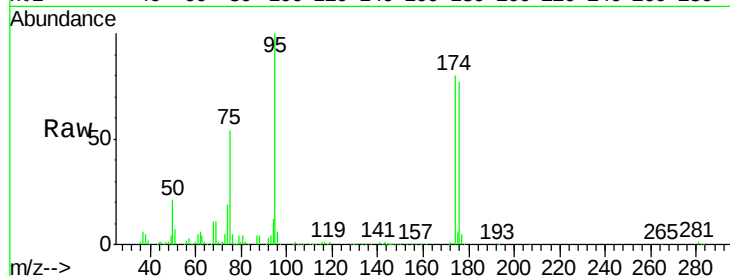
Tot Ion: 95 Resp: 109422

Ion Ratio Lower Upper

95 100

174 80.0 0.0 157.0

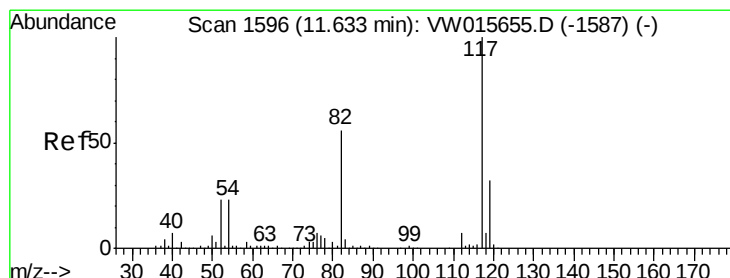
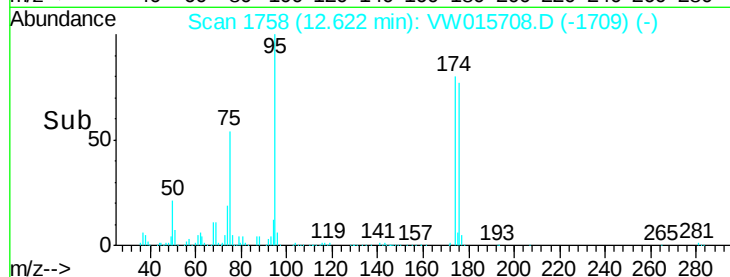
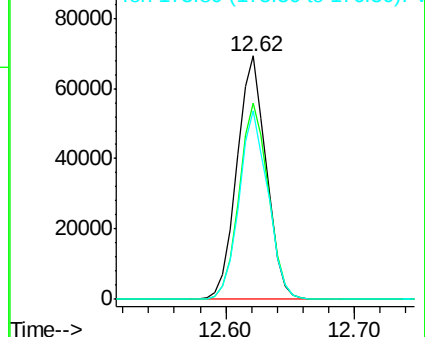
176 76.1 0.0 151.4



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: VW015708.D

Acq: 25 Jun 2020 03:15

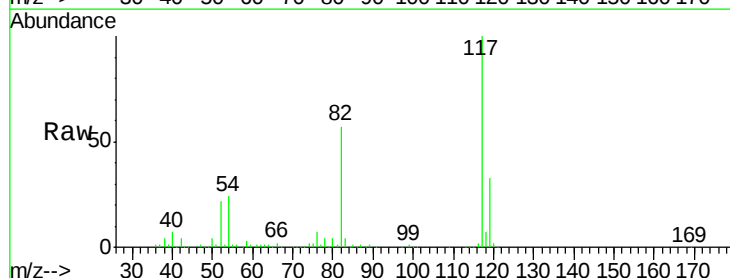
Tgt Ion: 117 Resp: 244323

Ion Ratio Lower Upper

117 100

82 57.0 45.1 67.7

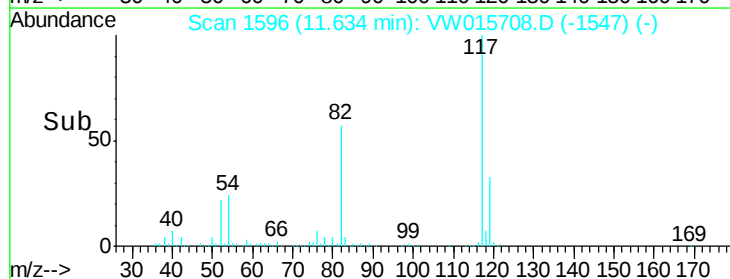
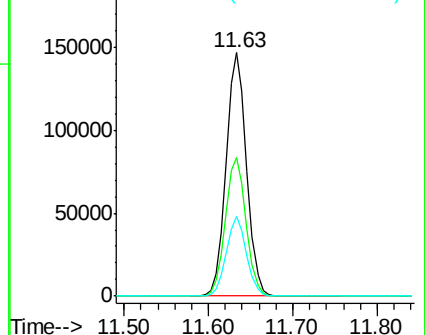
119 32.7 25.8 38.8

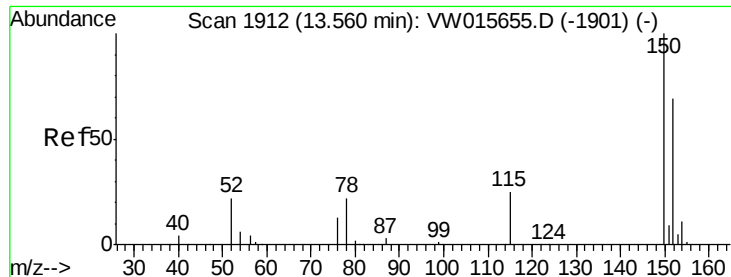


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW015708.D

Acq: 25 Jun 2020 03:15

Instrument :

MSVOA_W

ClientSampleId :

JFK-SB-01-70.0-72.0

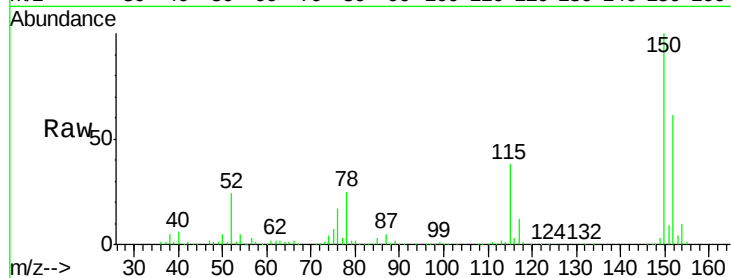
Tot Ion:152 Resp: 108407

Ion Ratio Lower Upper

152 100

115 60.9 30.1 90.5

150 159.8 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

