

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015665.D
 Acq On : 23 Jun 2020 16:46
 Operator : SY/VA
 Sample : L3079-06
 Misc : 7.19G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jun 24 03:55:51 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

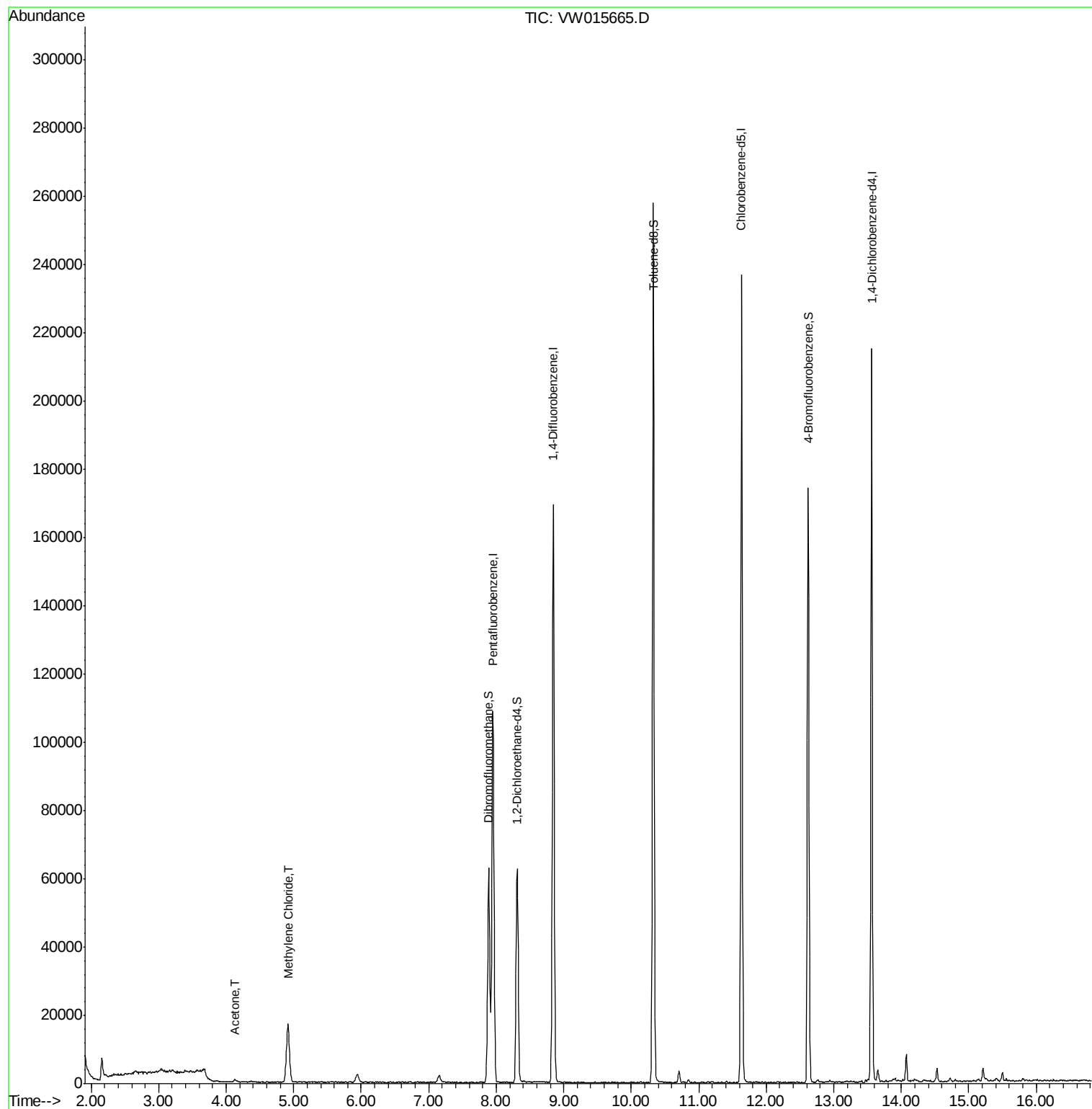
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	81447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	138199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	123706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	54915	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	50720	55.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.94%	
35) Dibromofluoromethane	7.89	113	43474	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	10.32	98	169382	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.62	95	55581	44.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.24%	
Target Compounds						
16) Acetone	4.14	43	1424	8.266	ug/l	92
20) Methylene Chloride	4.92	84	12411	11.257	ug/l	99

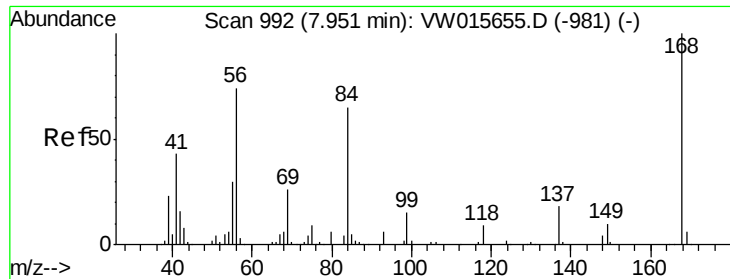
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Acq: 23 Jun 2020 16:46

Instrument :

MSVOA_W

ClientSampleId :

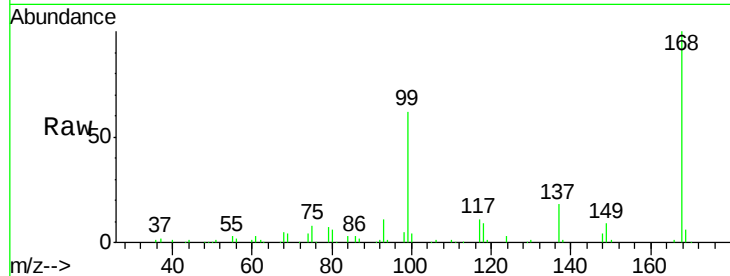
JFK-SB-01-70.0-72.0

Tot Ion:168 Resp: 81447

Ion Ratio Lower Upper

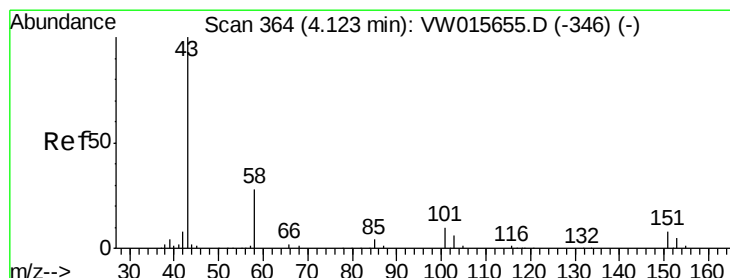
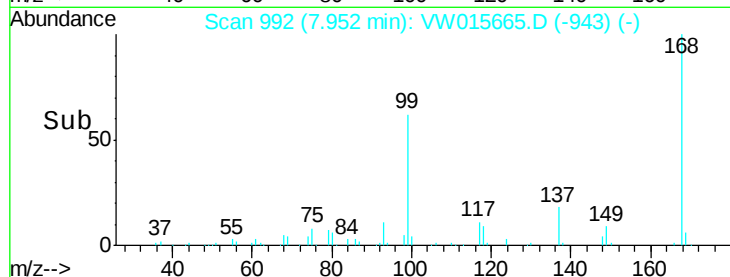
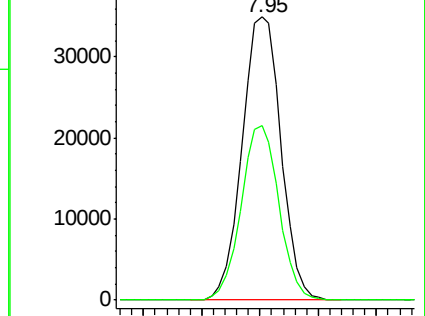
168 100

99 61.6 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 8.266 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015665.D

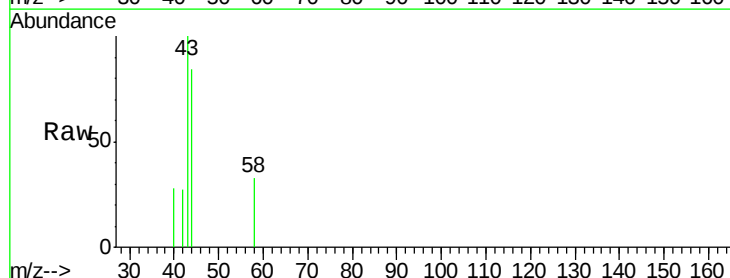
Acq: 23 Jun 2020 16:46

Tgt Ion: 43 Resp: 1424

Ion Ratio Lower Upper

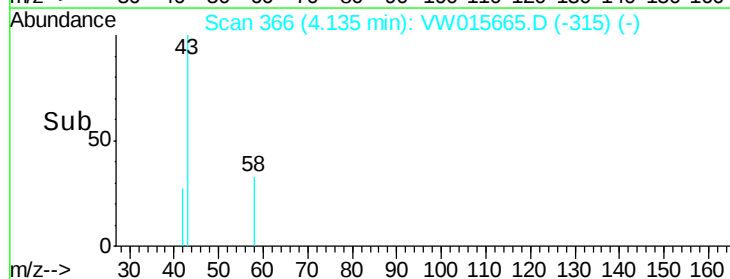
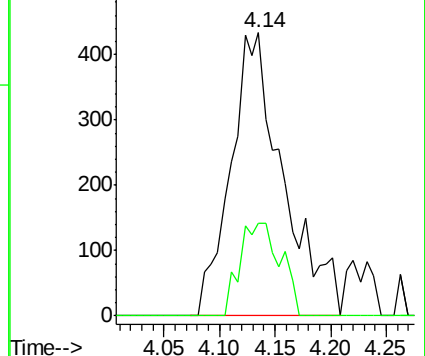
43 100

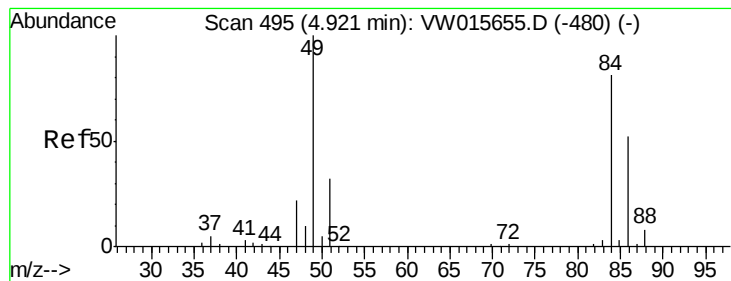
58 32.6 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 11.257 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW015665.D

Acq: 23 Jun 2020 16:46

Instrument :

MSVOA_W

ClientSampleId :

JFK-SB-01-70.0-72.0

Tot Ion: 84 Resp: 12411

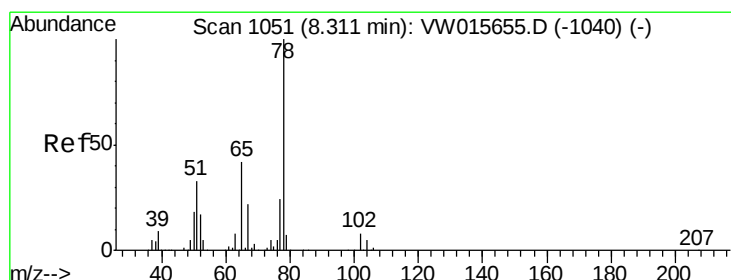
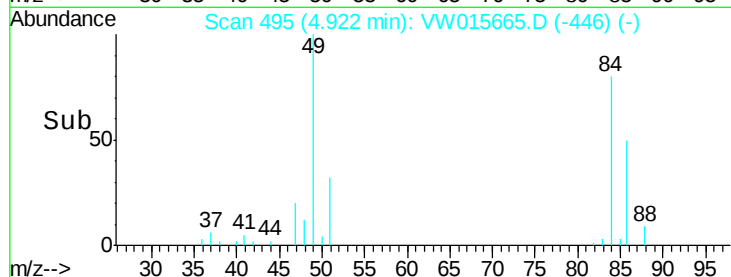
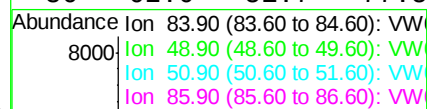
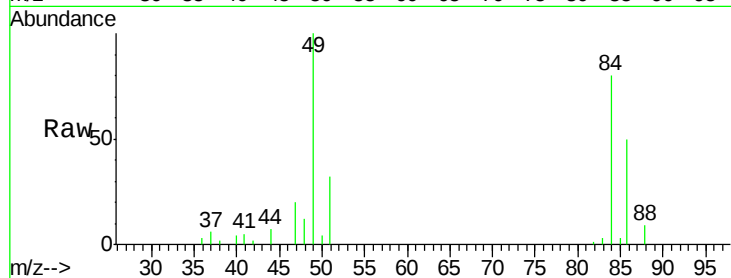
Ion Ratio Lower Upper

84 100

49 124.8 99.3 148.9

51 39.9 31.8 47.6

86 62.0 51.7 77.5



#33

1,2-Dichloroethane-d4

Concen: 55.969 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015665.D

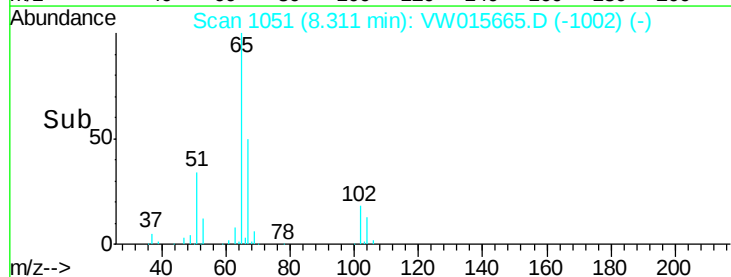
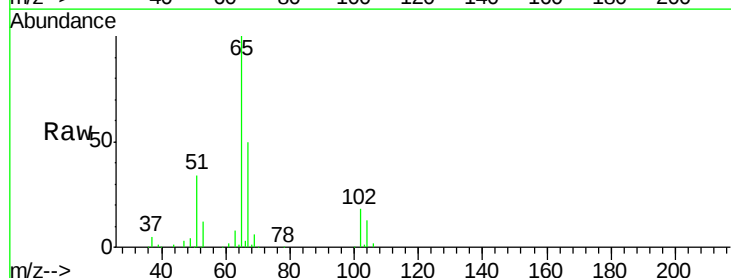
Acq: 23 Jun 2020 16:46

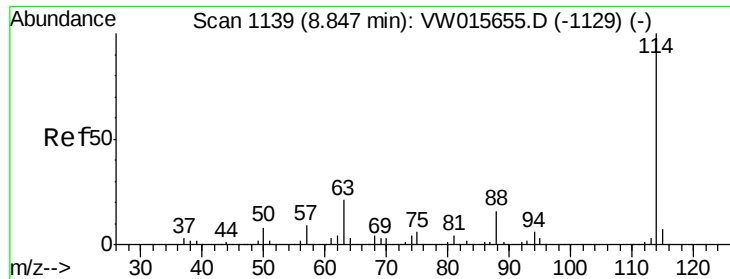
Tgt Ion: 65 Resp: 50720

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.2

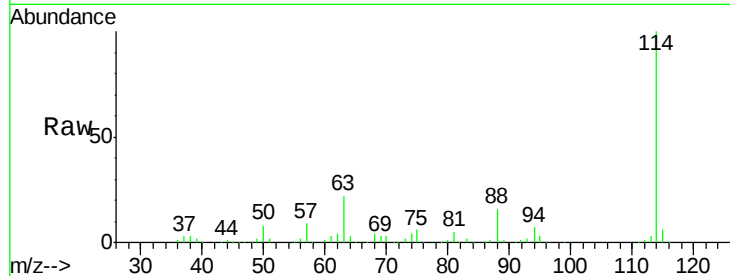




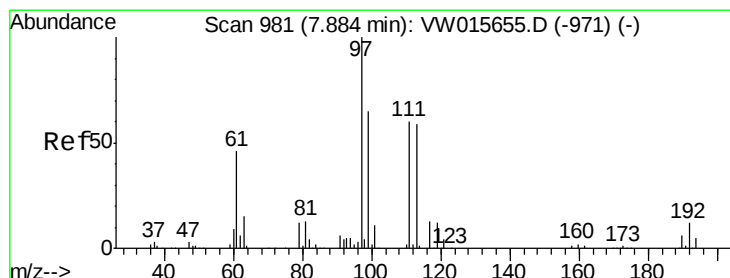
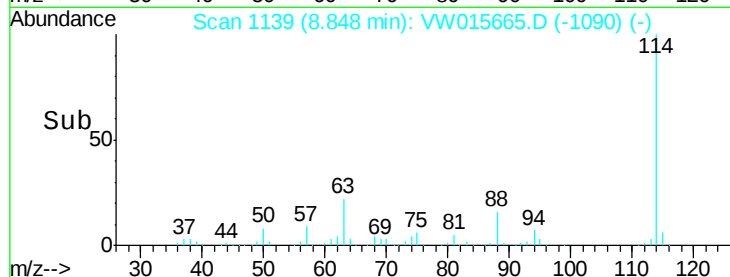
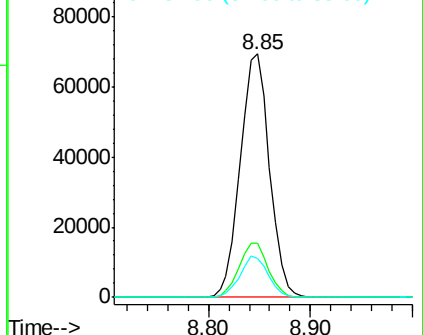
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW015665.D
Acq: 23 Jun 2020 16:46

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	42.4
88	16.0	0.0	32.6

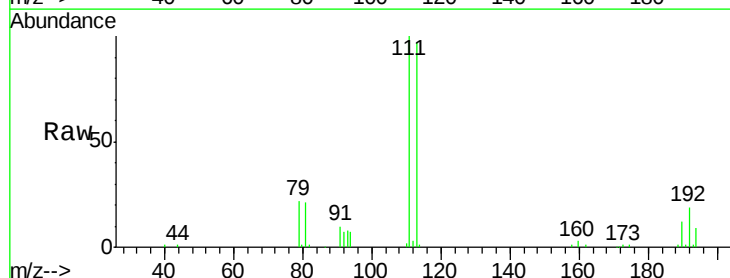


Abundance Ion 113.90 (113.60 to 114.60): V

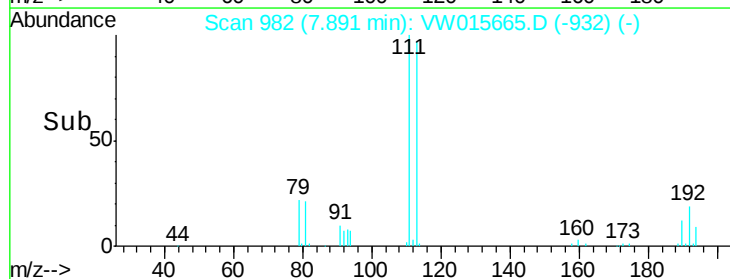
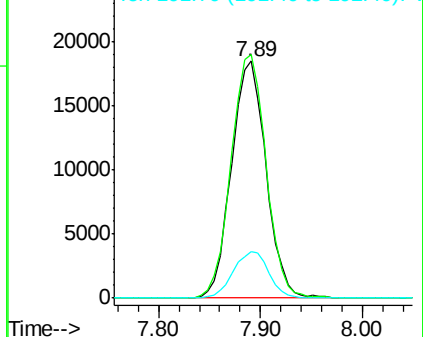


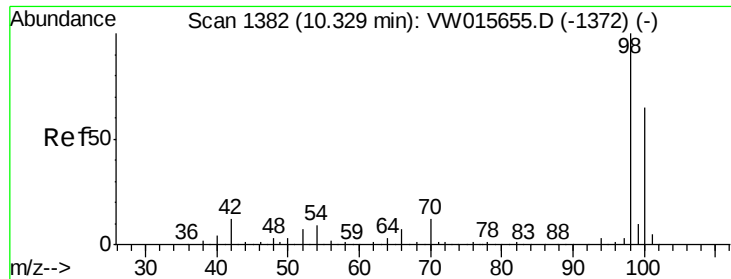
#35
Dibromofluoromethane
Concen: 50.010 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW015665.D
Acq: 23 Jun 2020 16:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.3	123.5
192	20.1	16.4	24.6



Abundance Ion 112.80 (112.50 to 113.50): V





#50

Toluene-d8

Concen: 49.511 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015665.D

Acq: 23 Jun 2020 16:46

Instrument :

MSVOA_W

ClientSampleId :

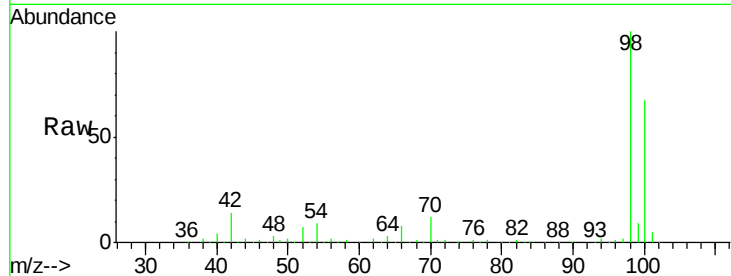
JFK-SB-01-70.0-72.0

Tot Ion: 98 Resp: 169382

Ion Ratio Lower Upper

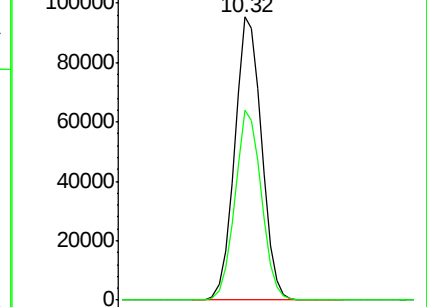
98 100

100 65.8 52.8 79.2

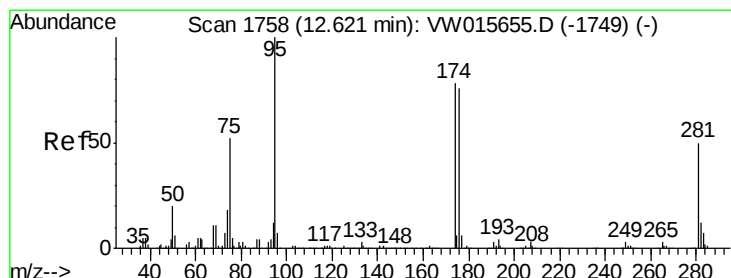
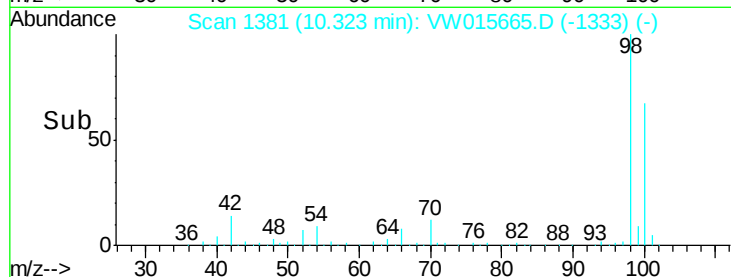


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->



#62

4-Bromofluorobenzene

Concen: 44.115 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015665.D

Acq: 23 Jun 2020 16:46

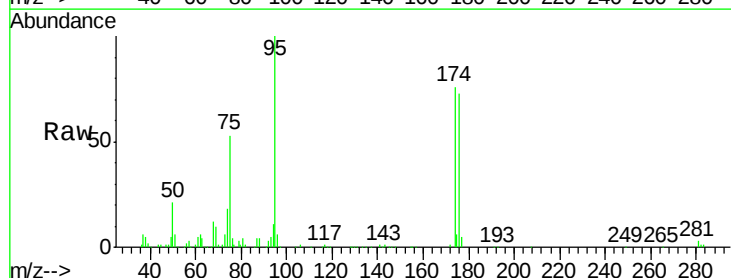
Tgt Ion: 95 Resp: 55581

Ion Ratio Lower Upper

95 100

174 79.2 0.0 157.0

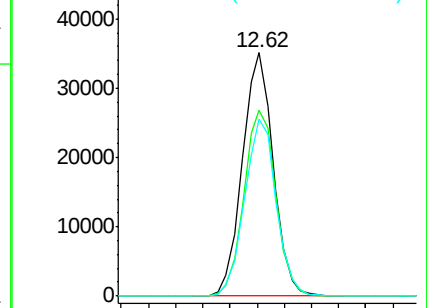
176 74.6 0.0 151.4



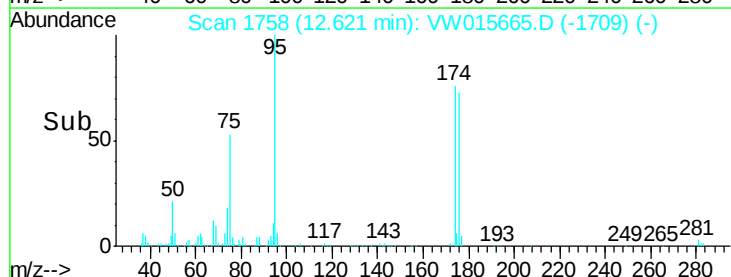
Abundance Ion 94.90 (94.60 to 95.60): VW

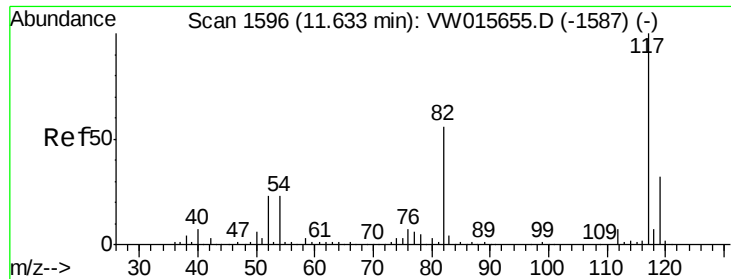
Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



Time-->

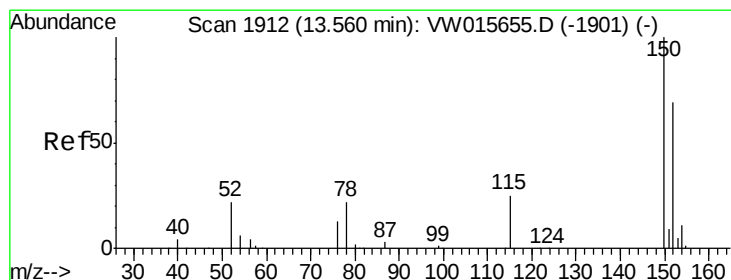
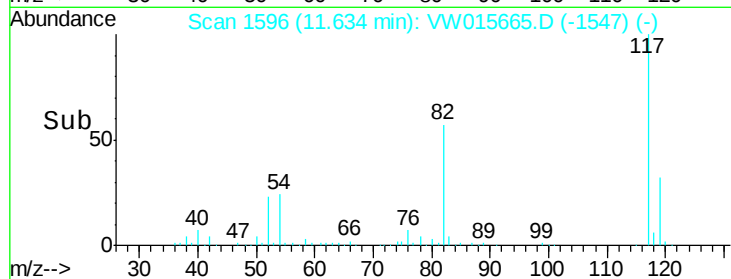
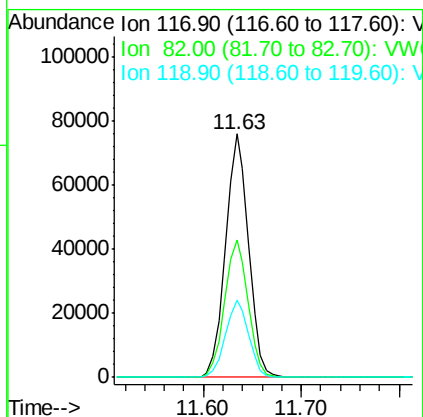
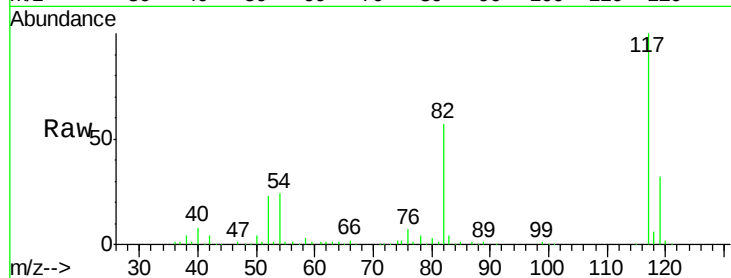




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015665.D
Acq: 23 Jun 2020 16:46

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

Tot Ion:117 Resp: 123706
Ion Ratio Lower Upper
117 100
82 56.6 45.1 67.7
119 31.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015665.D
Acq: 23 Jun 2020 16:46

Tgt Ion:152 Resp: 54915
Ion Ratio Lower Upper
152 100
115 58.9 30.1 90.5
150 152.8 0.0 345.6

