

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062220\
 Data File : VW015647.D
 Acq On : 22 Jun 2020 14:11
 Operator : SY/VA
 Sample : L3079-01
 Misc : 6.43G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JFK-SB-IB-1.5-2.0

Quant Time: Jun 23 05:58:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 02 13:57:56 2020
 Response via : Initial Calibration

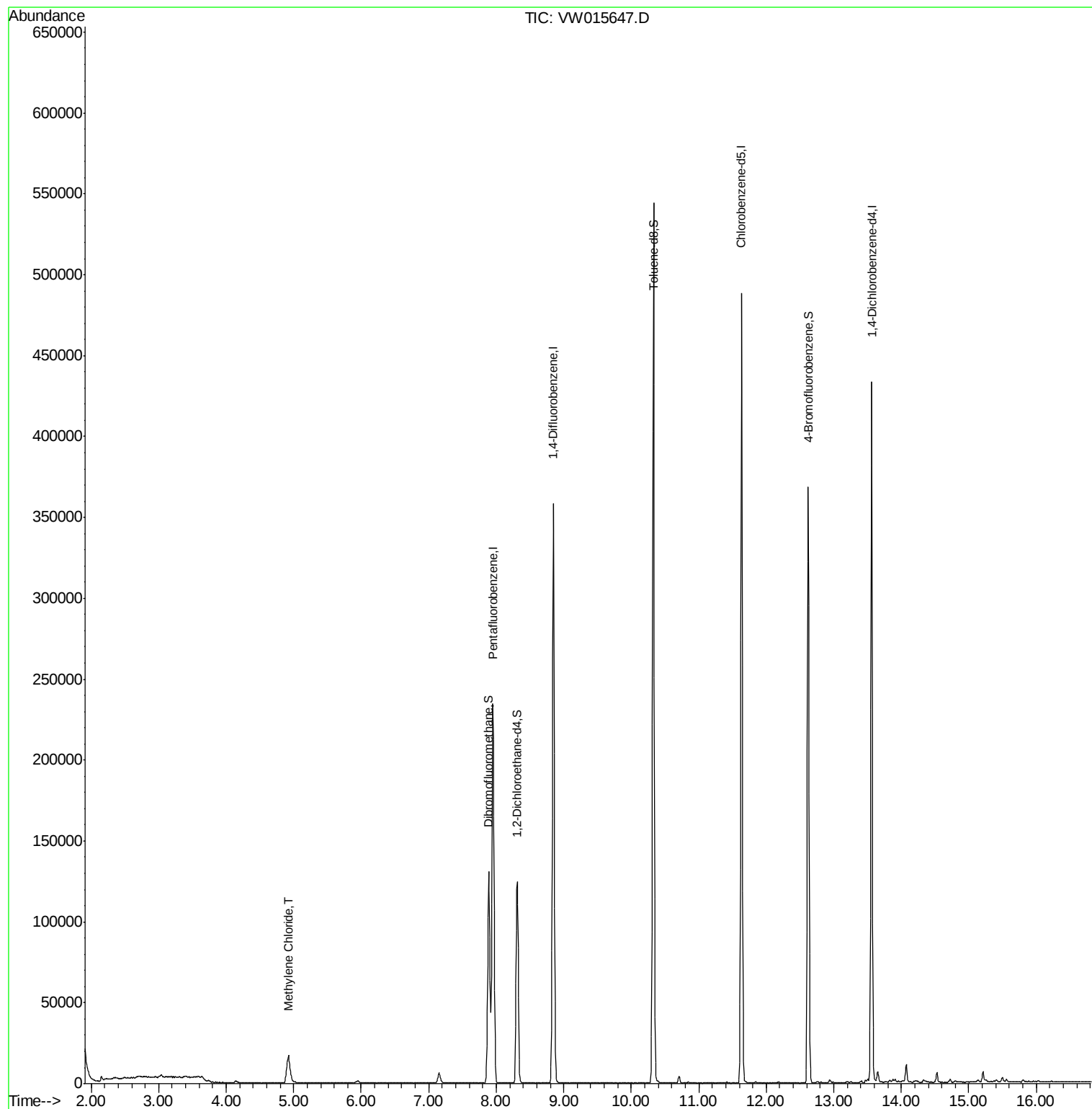
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	168878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	294002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	109664	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	102803	57.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.18%	
35) Dibromofluoromethane	7.89	113	92418	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
50) Toluene-d8	10.33	98	359648	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.62	95	117189	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
Target Compounds						
20) Methylene Chloride	4.92	84	13886	7.432	ug/l	Qvalue 94

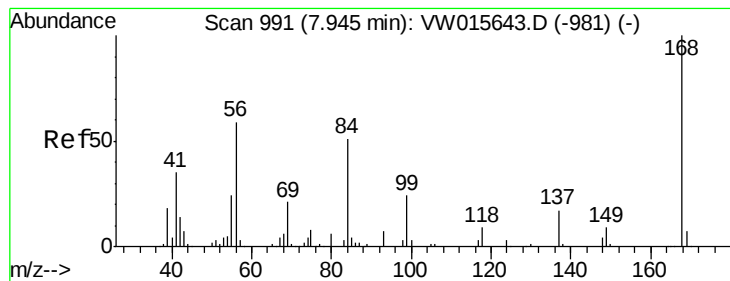
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW015647.D

Acq: 22 Jun 2020 14:11

Instrument :

MSVOA_W

ClientSampleId :

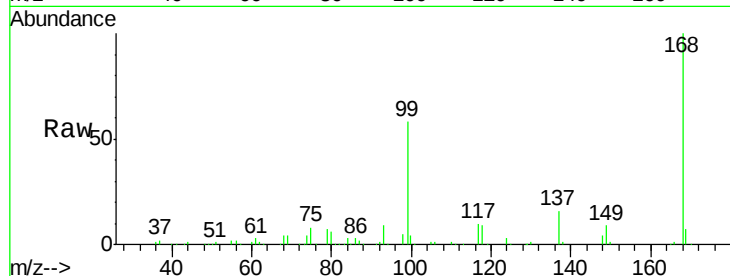
JFK-SB-IB-1.5-2.0

Tot Ion:168 Resp: 168878

Ion Ratio Lower Upper

168 100

99 57.8 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

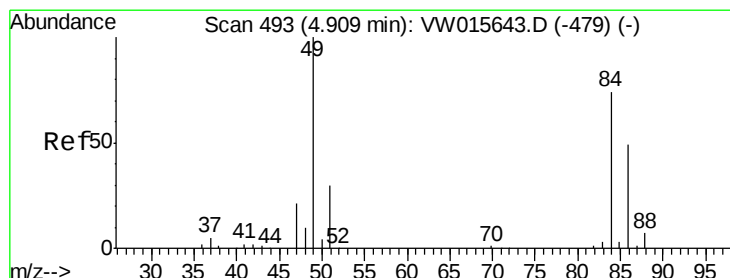
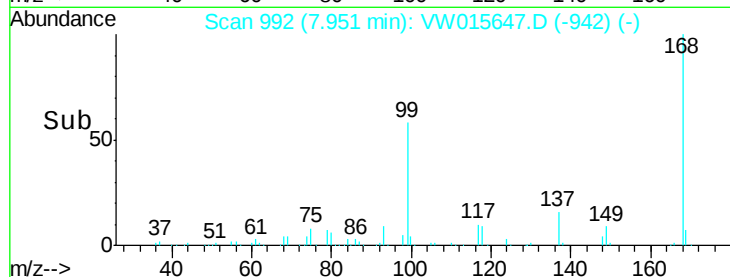
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 7.432 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015647.D

Acq: 22 Jun 2020 14:11

Tgt Ion: 84 Resp: 13886

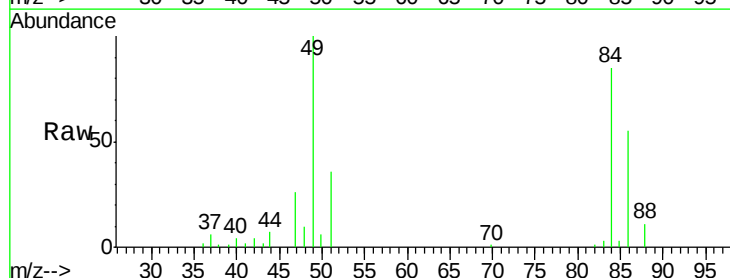
Ion Ratio Lower Upper

84 100

49 117.2 102.8 154.2

51 42.0 31.4 47.2

86 64.3 51.0 76.6



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

4.92

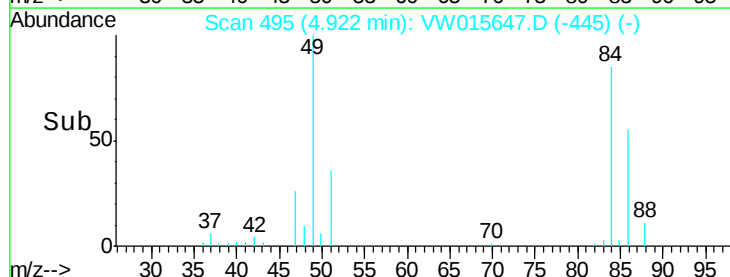
6000

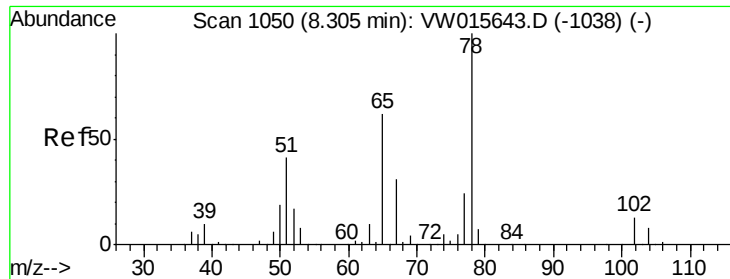
4000

2000

0

Time--> 4.80 4.90 5.00

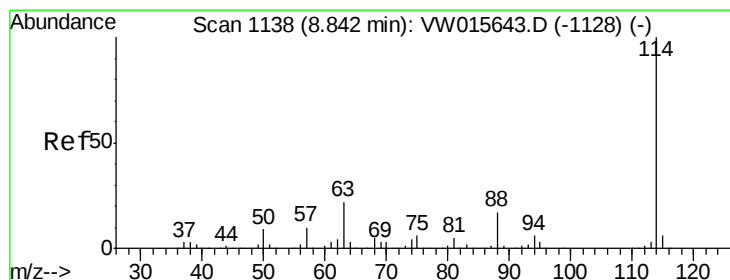
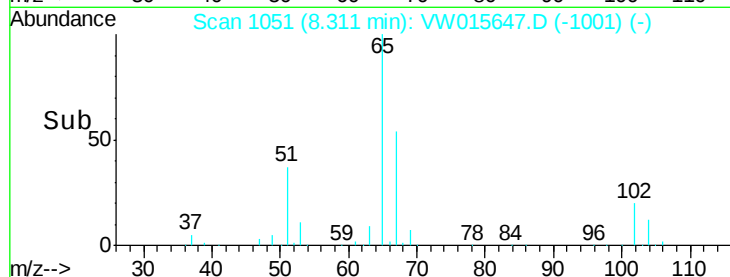
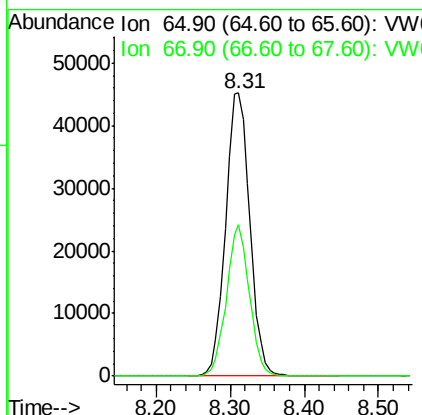
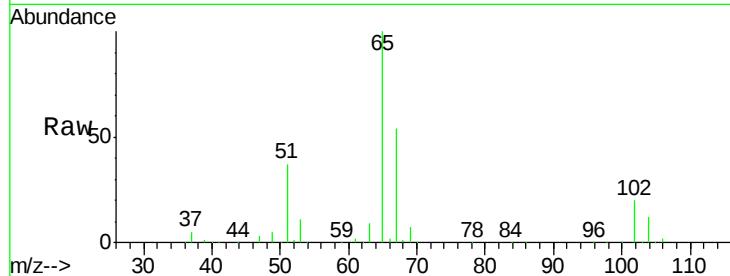




#33
 1,2-Dichloroethane-d4
 Concen: 57.591 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW015647.D
 Acq: 22 Jun 2020 14:11

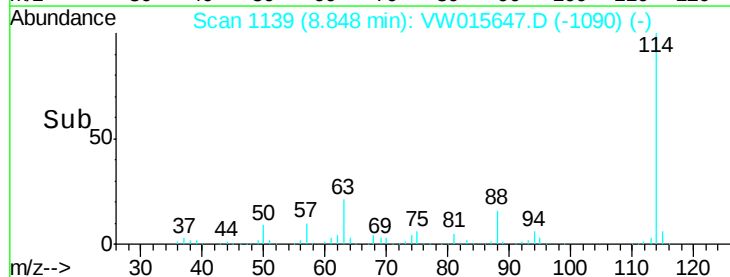
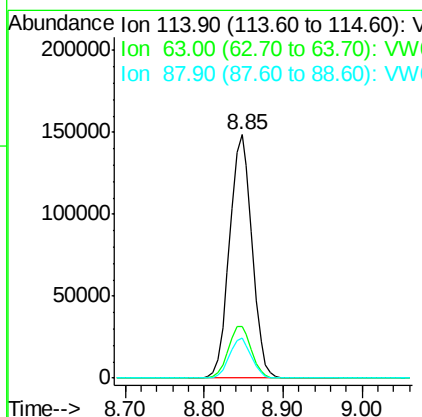
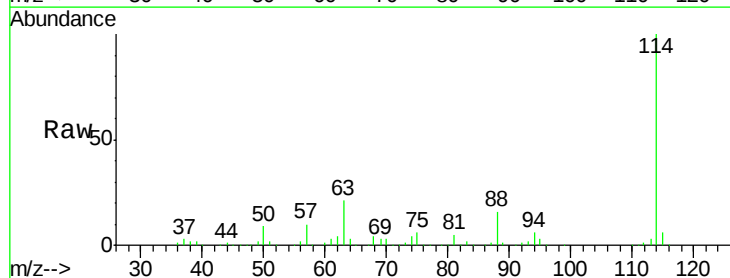
Instrument :
 MSVOA_W
 ClientSampleId :
 JFK-SB-IB-1.5-2.0

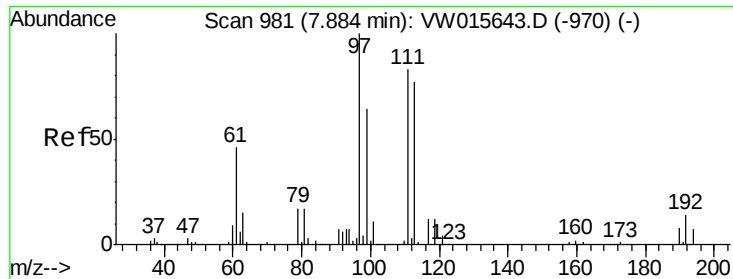
Tot Ion: 65 Resp: 102803
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW015647.D
 Acq: 22 Jun 2020 14:11

Tgt Ion: 114 Resp: 294002
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.0
 88 16.3 0.0 31.8

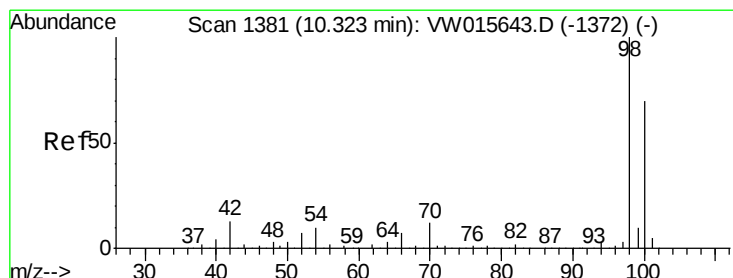
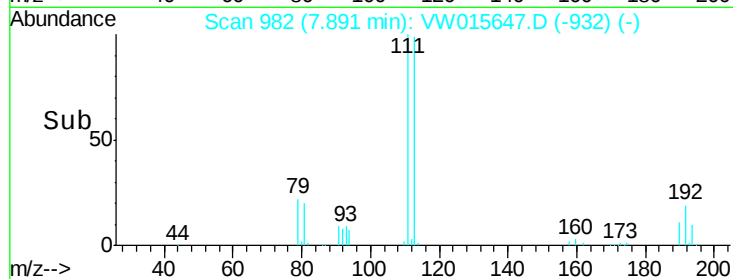
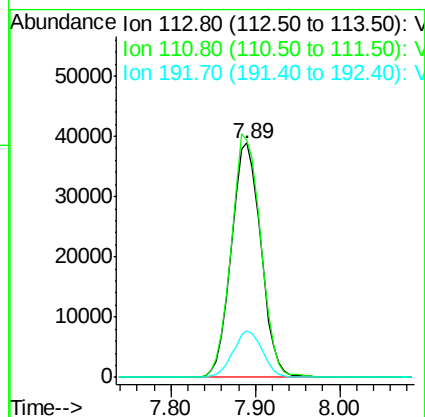
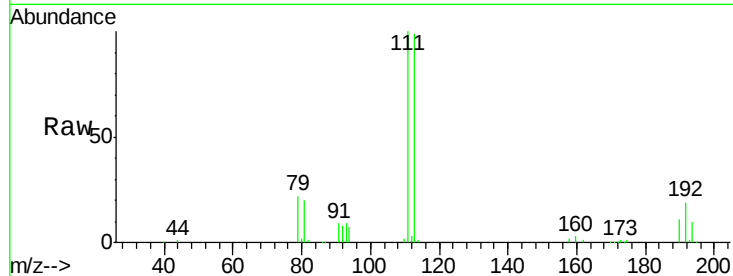




#35
Dibromofluoromethane
Concen: 53.332 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW015647.D
Acq: 22 Jun 2020 14:11

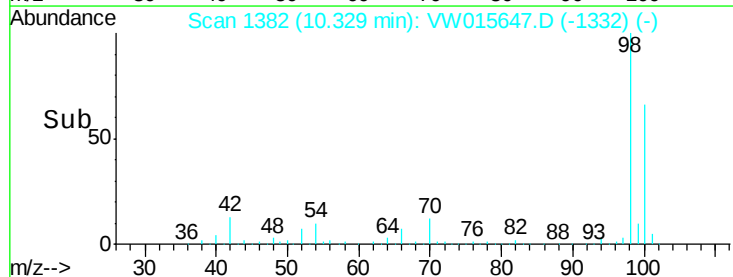
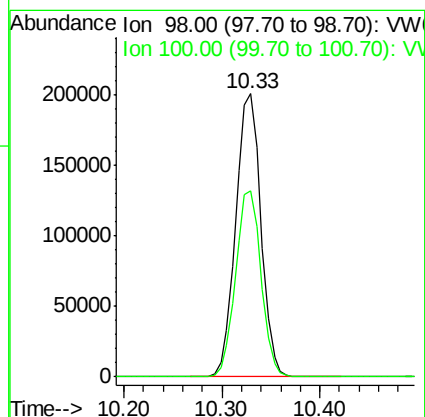
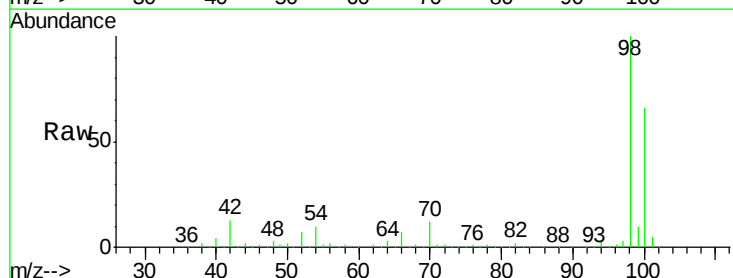
Instrument :
MSVOA_W
ClientSampleId :
JFK-SB-IB-1.5-2.0

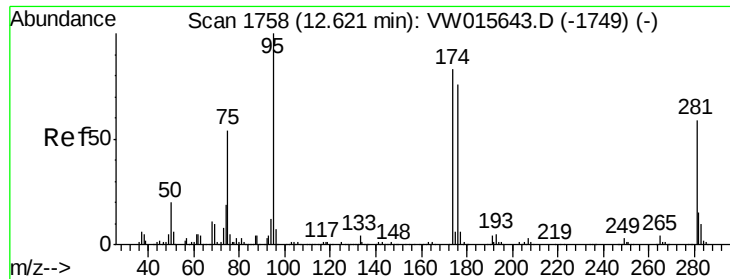
Tot Ion:113 Resp: 92418
Ion Ratio Lower Upper
113 100
111 103.7 83.3 124.9
192 19.6 15.8 23.6



#50
Toluene-d8
Concen: 51.325 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW015647.D
Acq: 22 Jun 2020 14:11

Tgt Ion: 98 Resp: 359648
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

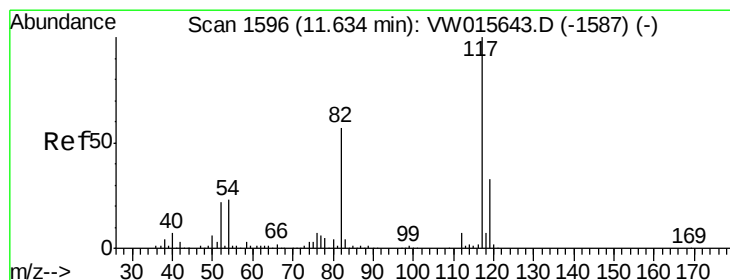
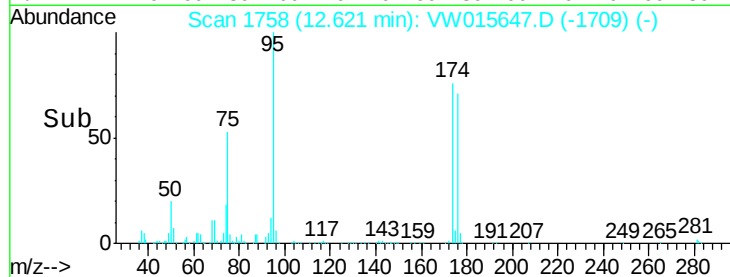
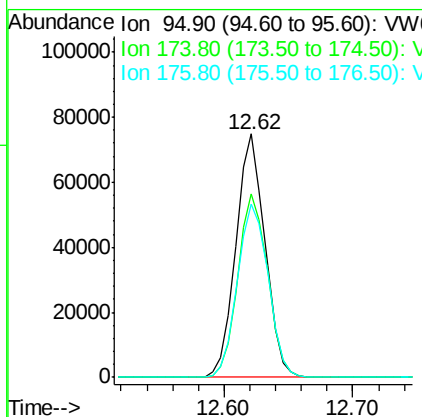
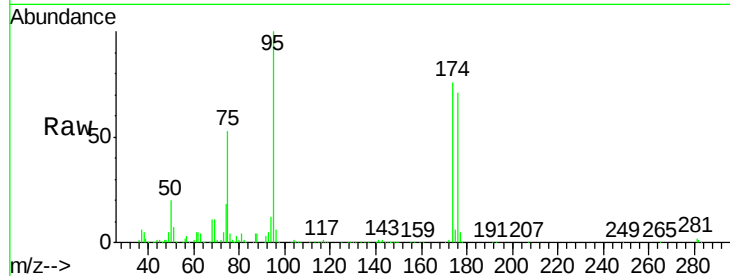




#62
4-Bromofluorobenzene
Concen: 46.032 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW015647.D
Acq: 22 Jun 2020 14:11

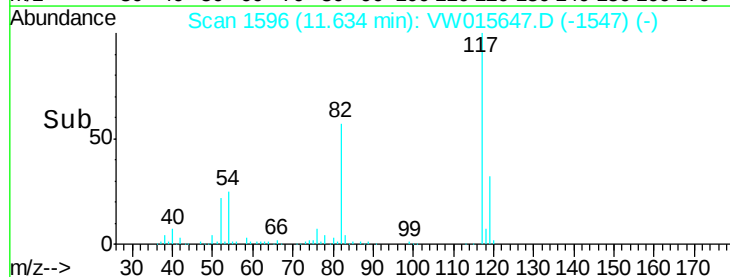
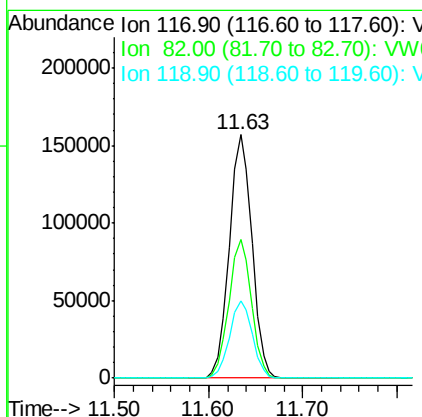
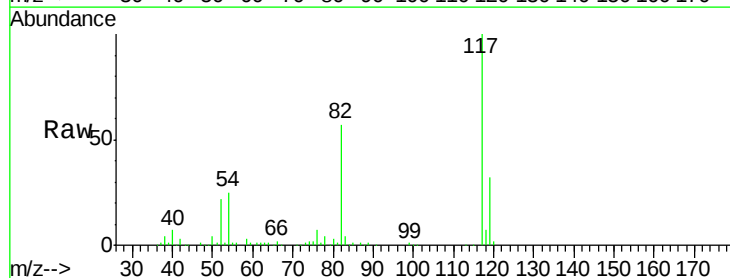
Instrument :
MSVOA_W
ClientSampleId :
JFK-SB-IB-1.5-2.0

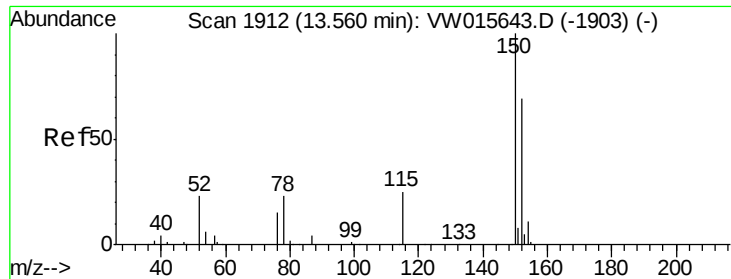
Tot Ion: 95 Resp: 117189
Ion Ratio Lower Upper
95 100
174 77.2 0.0 153.6
176 75.1 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015647.D
Acq: 22 Jun 2020 14:11

Tgt Ion: 117 Resp: 262477
Ion Ratio Lower Upper
117 100
82 57.1 45.8 68.8
119 31.9 24.7 37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015647.D

Acq: 22 Jun 2020 14:11

Instrument :

MSVOA_W

ClientSampleId :

JFK-SB-IB-1.5-2.0

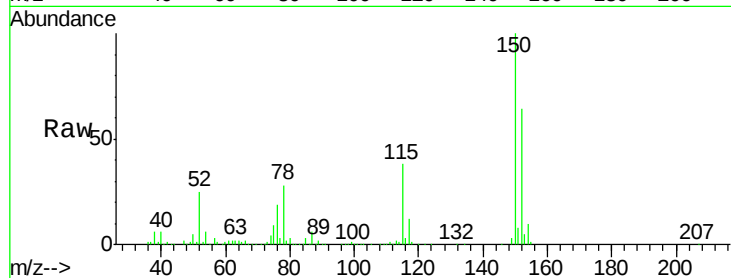
Tot Ion:152 Resp: 109664

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

150 157.1 0.0 351.0



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

