

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 03:06:49 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

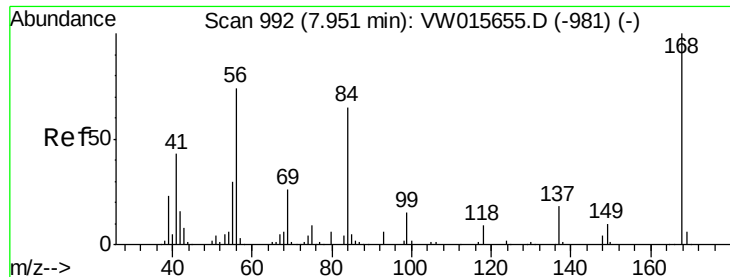
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	81447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	138199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	123706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	54915	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	50720	55.97	ug/l	0.00
Spiked Amount			Recovery	=	111.94%	
35) Dibromofluoromethane	7.89	113	43474	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
50) Toluene-d8	10.32	98	169382	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.62	95	55581	44.12	ug/l	0.00
Spiked Amount			Recovery	=	88.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	27	Below Cal	#	72
16) Acetone	4.14	43	1424	8.266	ug/l	92
18) Methyl Acetate	4.67	43	19	Below Cal	#	52
20) Methylene Chloride	4.92	84	12411	11.257	ug/l	99
31) Cyclohexane	7.95	56	2088	1.338	ug/l #	16
36) 1,1-Dichloropropene	7.95	75	6493	4.517	ug/l #	52
38) Carbon Tetrachloride	7.95	117	8361	6.001	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	924	1.749	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	30642	61.173	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	30642	154.158	ug/l #	8

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

```
Data Path : Z:\V0ASRV\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
```



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015665.D

Acq: 23 Jun 2020 16:46

Instrument :

MSVOA_W

ClientSampleId :

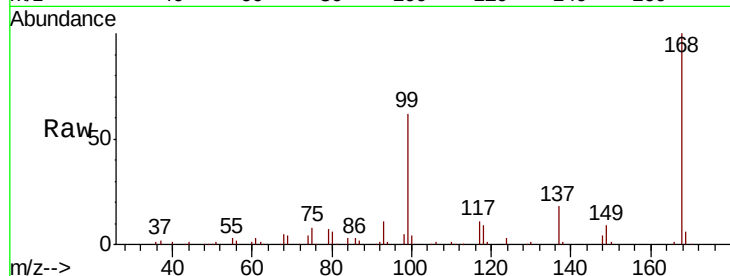
JFK-SB-01-70.0-72.0

Tot Ion: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): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

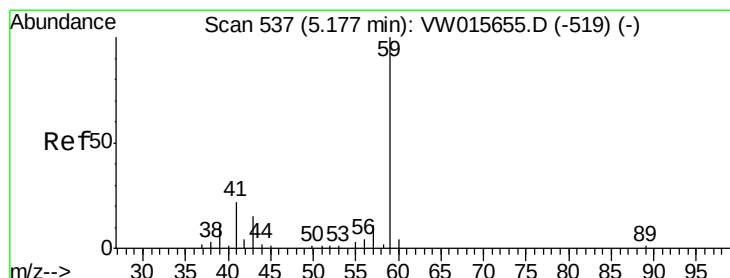
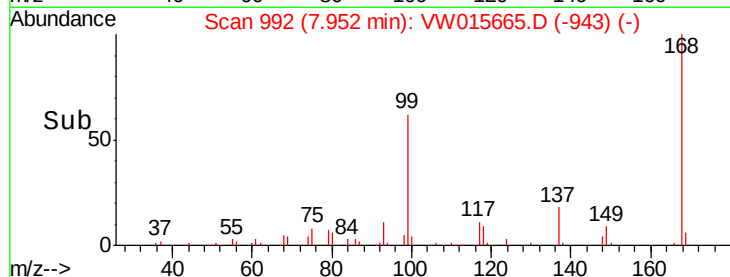
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW015665.D

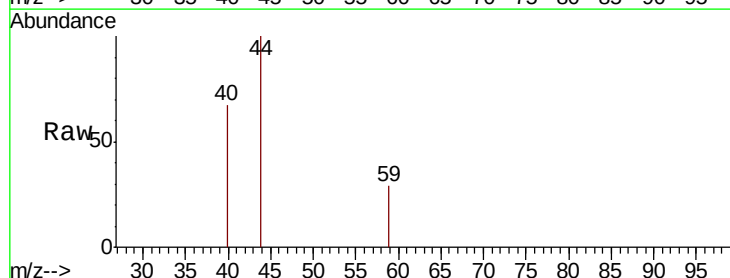
Acq: 23 Jun 2020 16:46

Tgt Ion: 59 Resp: 27

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

80

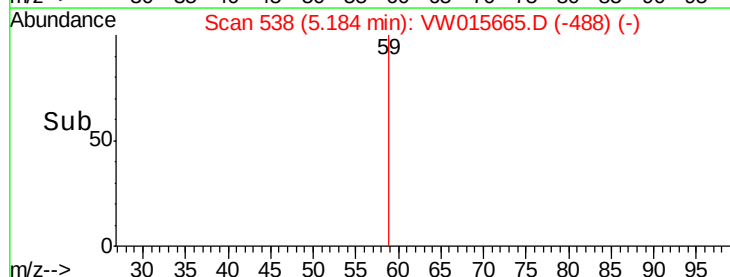
60

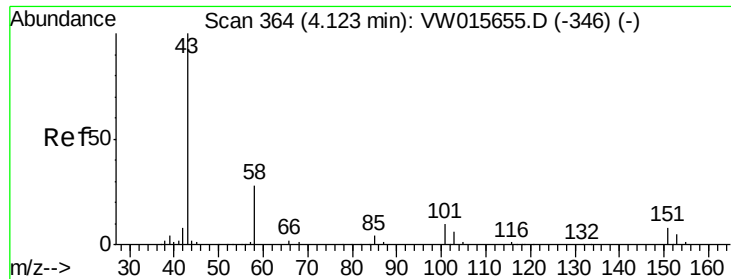
40

20

0

Time-->





#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

Instrument :

MSVOA_W

ClientSampleId :

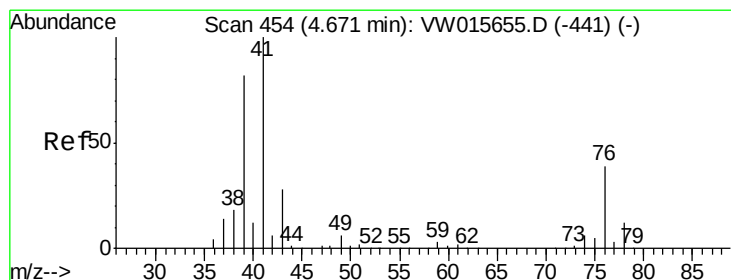
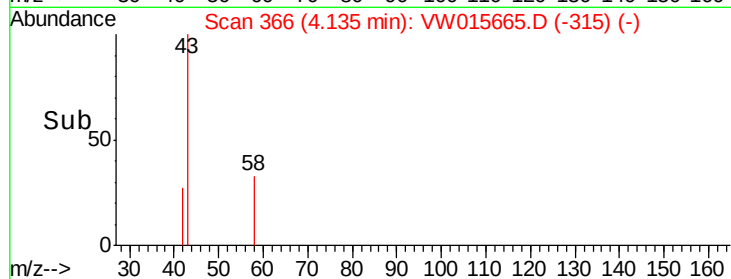
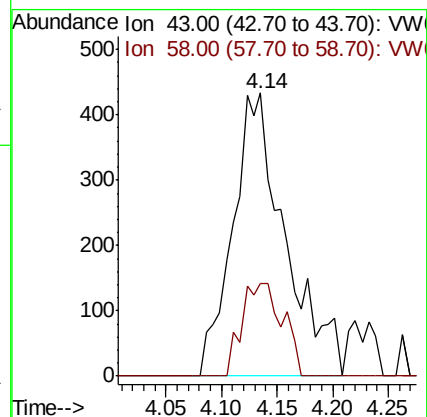
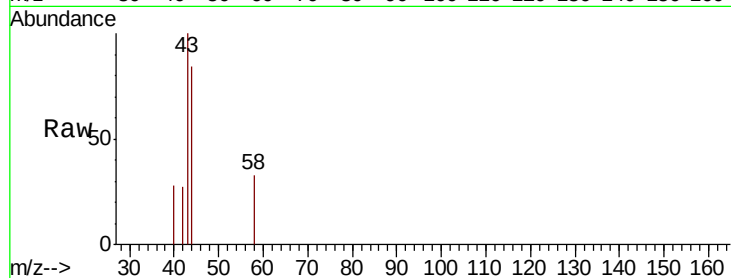
JFK-SB-01-70.0-72.0

Tot Ion: 43 Resp: 1424

Ion Ratio Lower Upper

43 100

58 32.6 22.6 33.8



#18

Methyl Acetate

Concen: Below Cal

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015665.D

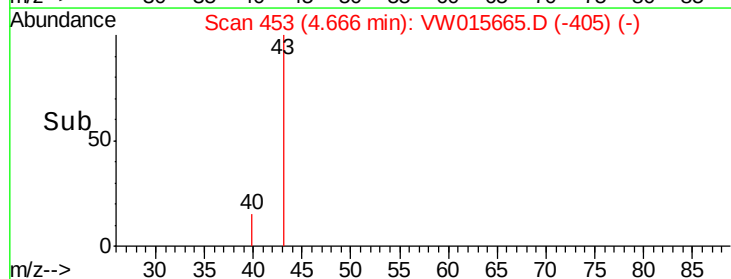
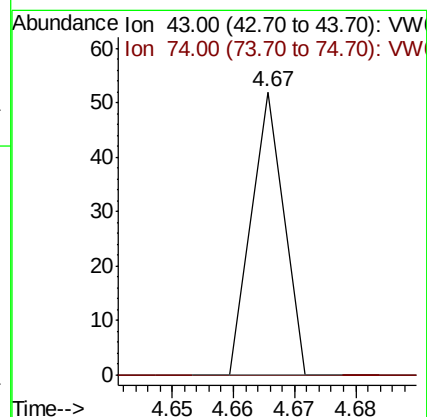
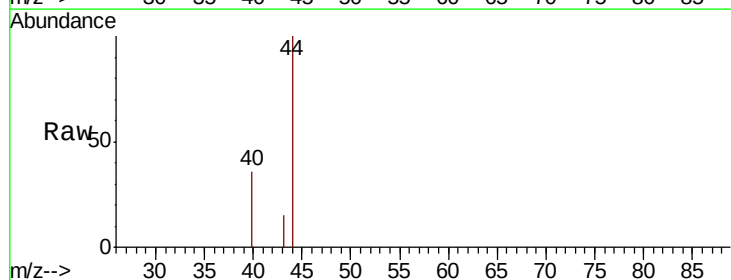
Acq: 23 Jun 2020 16:46

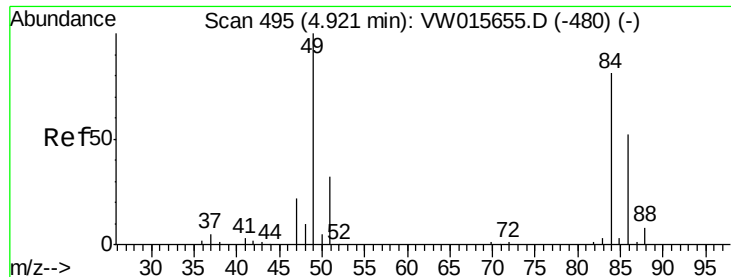
Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.6#

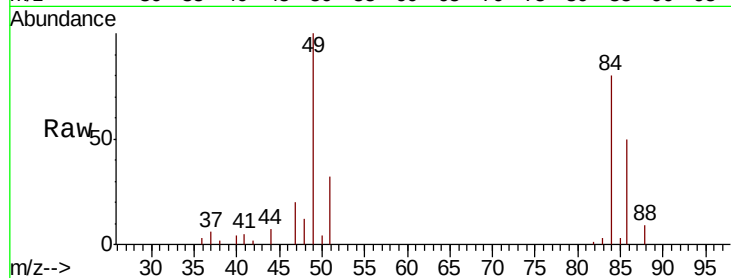




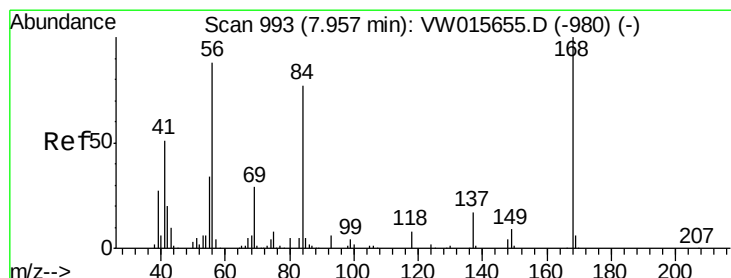
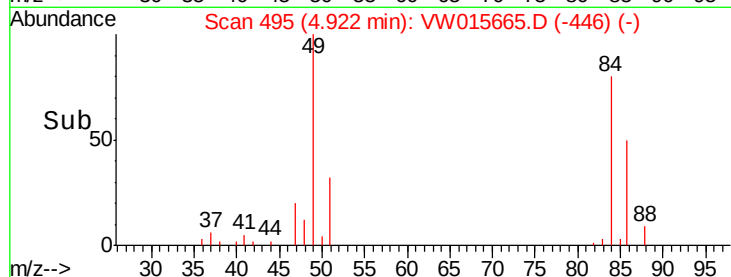
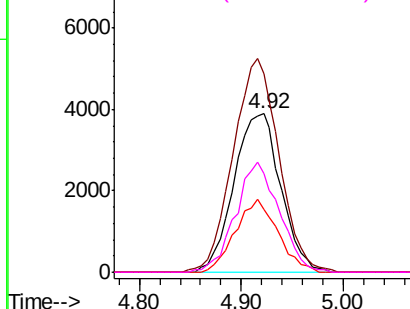
#20
Methvlene Chloride
Concen: 11.257 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015665.D
Acq: 23 Jun 2020 16:46

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

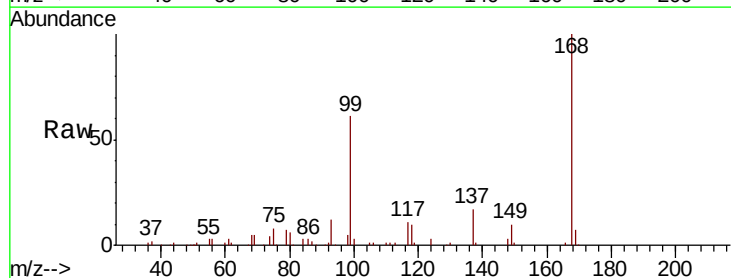


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

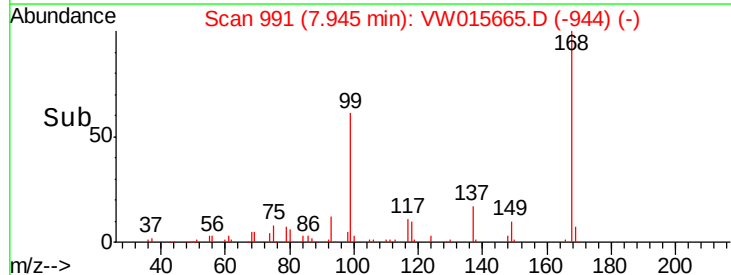
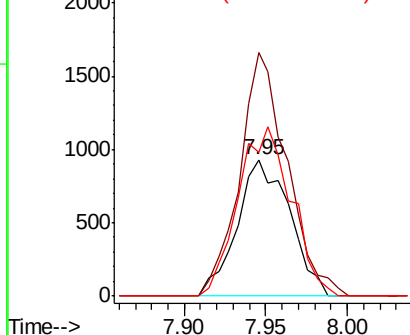


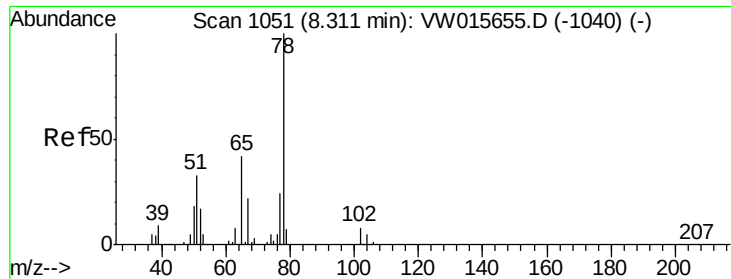
#31
Cyclohexane
Concen: 1.338 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015665.D
Acq: 23 Jun 2020 16:46

Tgt Ion: 56 Resp: 2088
Ion Ratio Lower Upper
56 100
69 178.2 26.2 39.4#
84 105.3 70.4 105.6



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

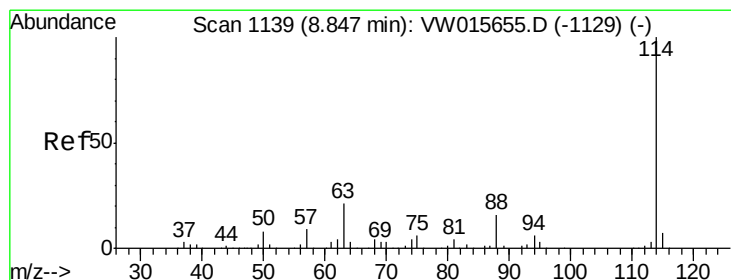
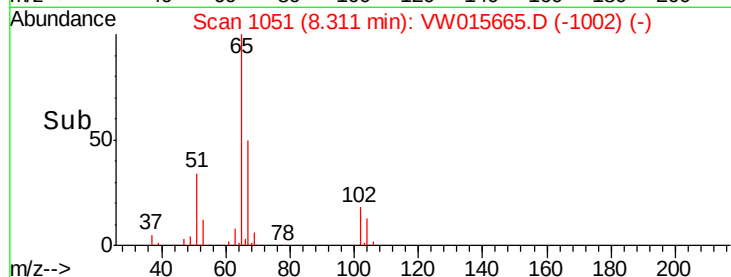
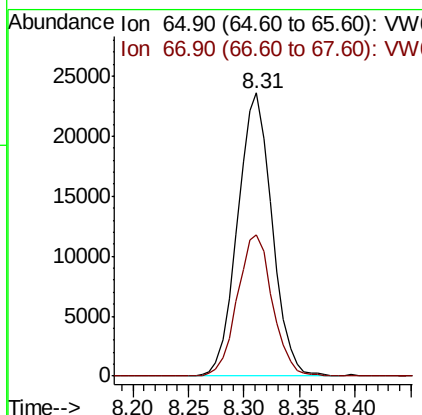
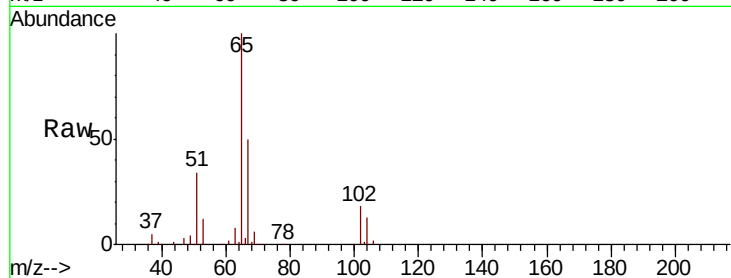




#33
 1,2-Dichloroethane-d4
 Concen: 55.969 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW015665.D
 Acq: 23 Jun 2020 16:46

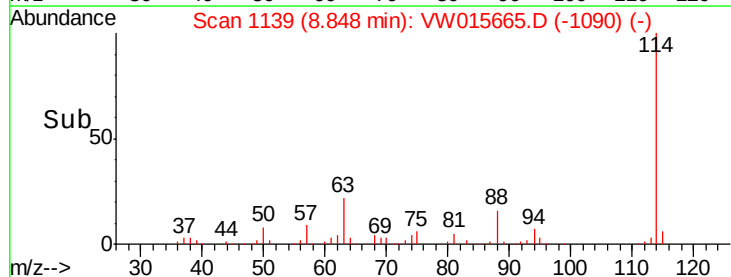
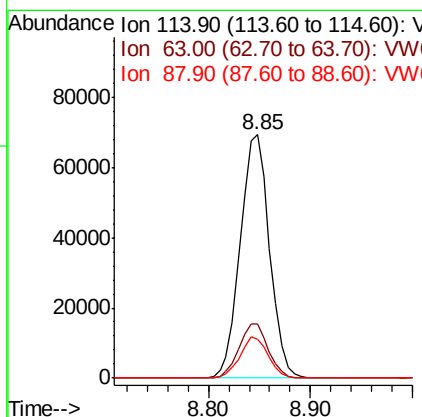
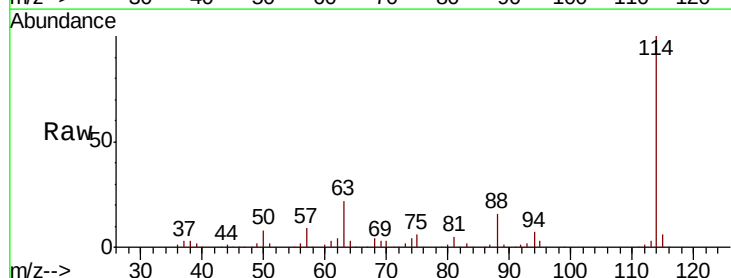
Instrument :
 MSVOA_W
 ClientSampleId :
 JFK-SB-01-70.0-72.0

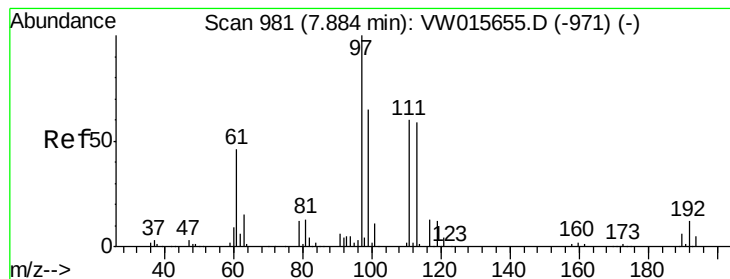
Tot Ion: 65 Resp: 50720
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.2



#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

Tgt Ion: 114 Resp: 138199
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 42.4
 88 16.0 0.0 32.6





#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

Instrument :

MSVOA_W

ClientSampleId :

JFK-SB-01-70.0-72.0

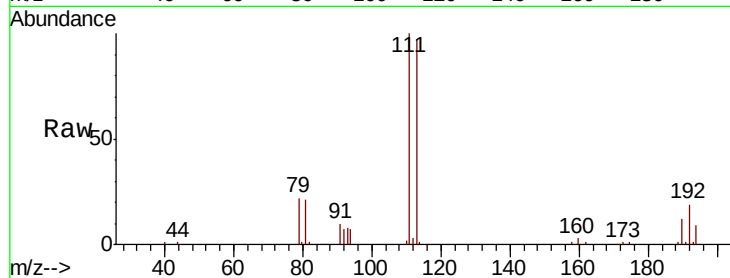
Tot Ion:113 Resp: 43474

Ion Ratio Lower Upper

113 100

111 104.1 82.3 123.5

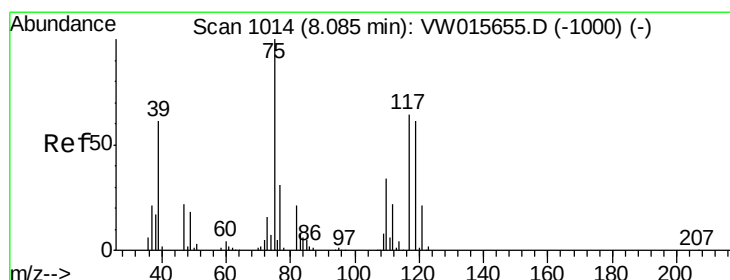
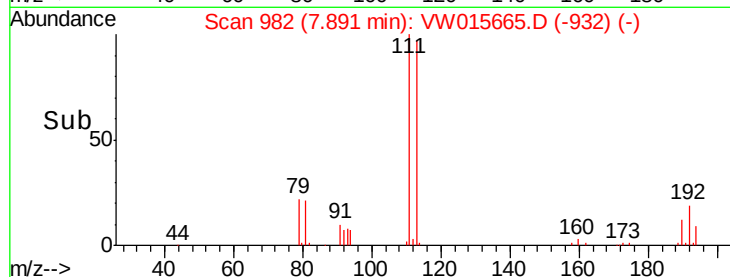
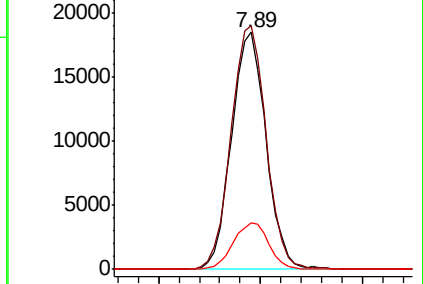
192 20.1 16.4 24.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.517 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW015665.D

Acq: 23 Jun 2020 16:46

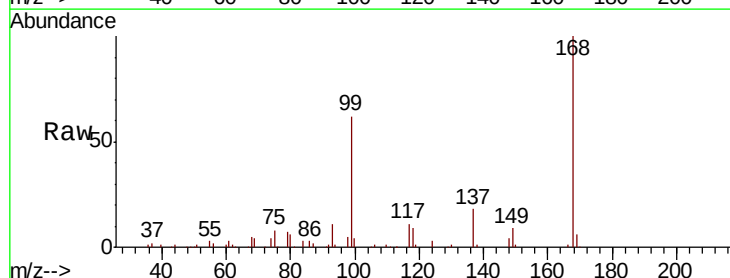
Tgt Ion: 75 Resp: 6493

Ion Ratio Lower Upper

75 100

110 10.6 17.0 51.0#

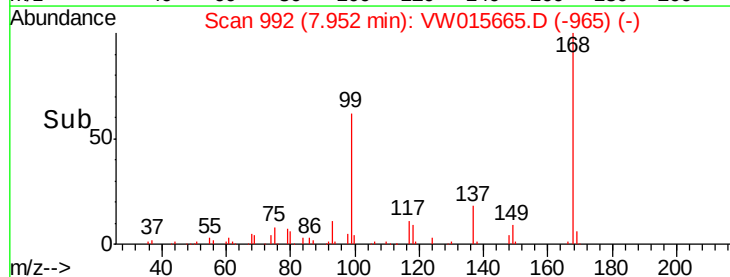
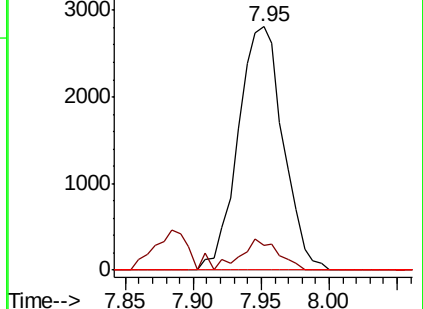
77 0.0 24.6 36.8#

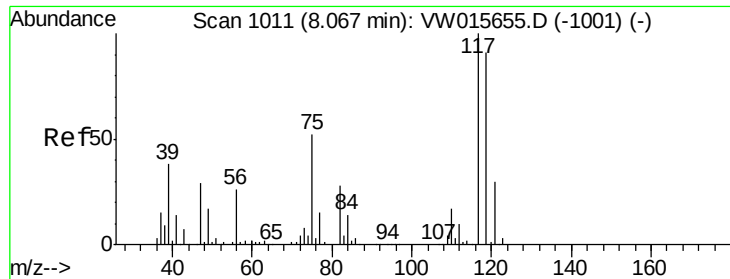


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.001 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW015665.D

Acq: 23 Jun 2020 16:46

Instrument :

MSVOA_W

ClientSampleId :

JFK-SB-01-70.0-72.0

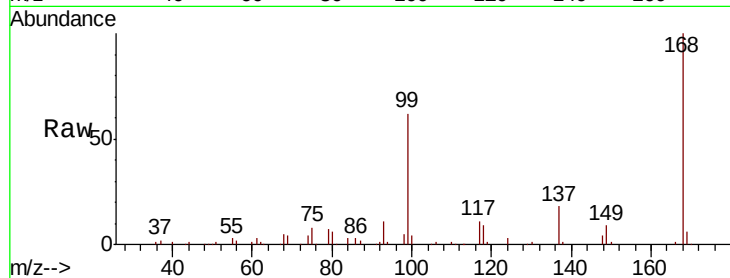
Tot Ion:117 Resp: 8361

Ion Ratio Lower Upper

117 100

119 5.3 73.2 109.8#

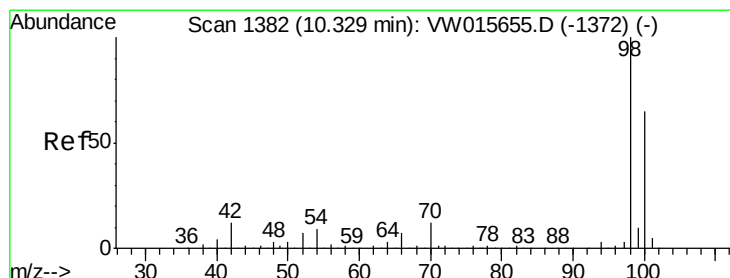
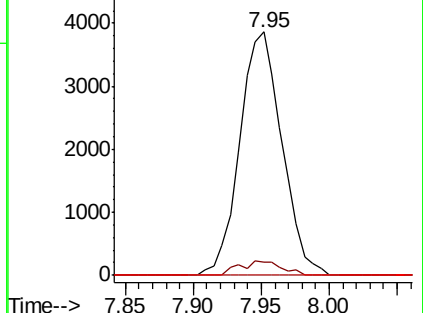
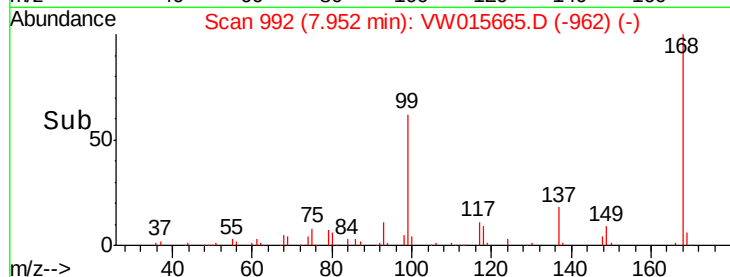
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): 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

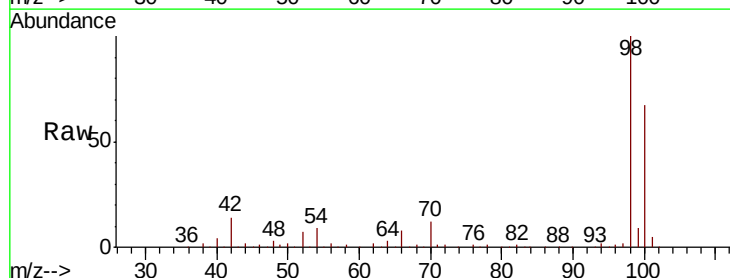
Acq: 23 Jun 2020 16:46

Tgt Ion: 98 Resp: 169382

Ion Ratio Lower Upper

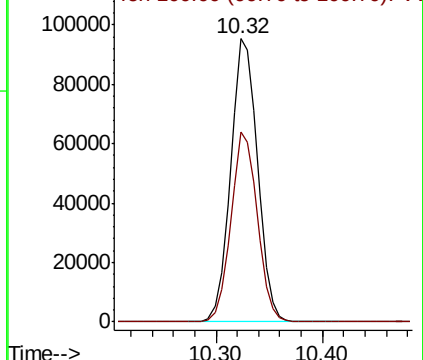
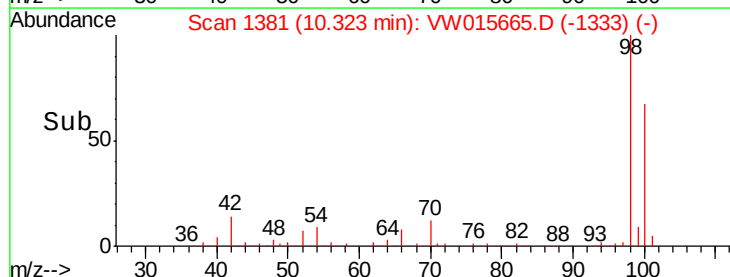
98 100

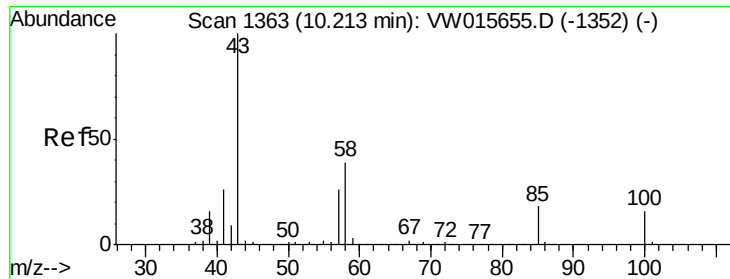
100 65.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.749 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. 0.10 min

Lab File: VW015665.D

Acq: 23 Jun 2020 16:46

Instrument :

MSVOA_W

ClientSampleId :

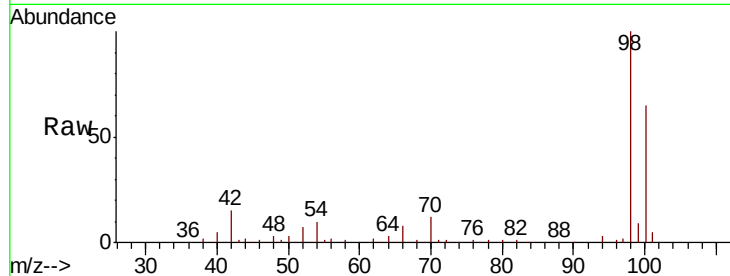
JFK-SB-01-70.0-72.0

Tot Ion: 43 Resp: 924

Ion Ratio Lower Upper

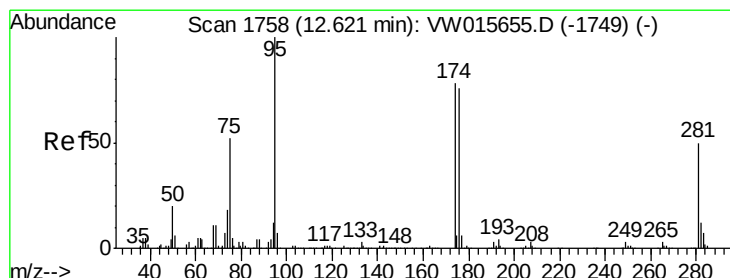
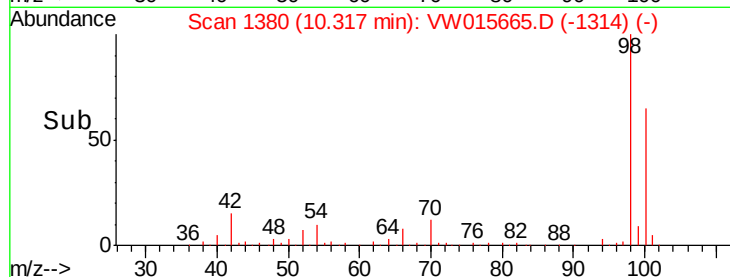
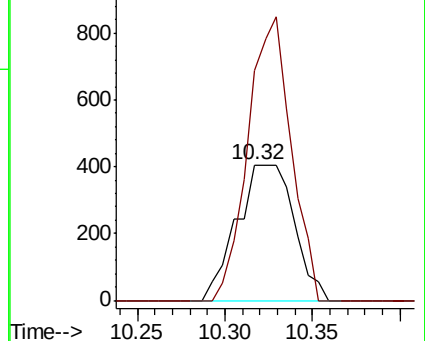
43 100

58 157.5 31.2 46.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#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

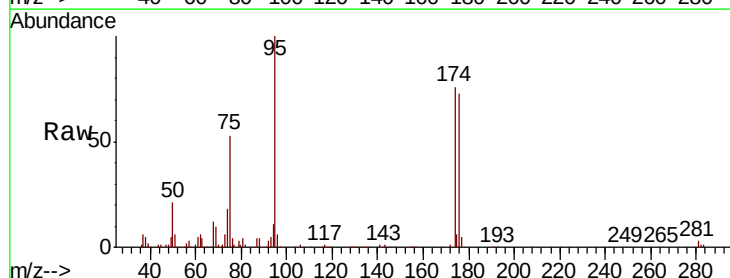
Tgt Ion: 95 Resp: 55581

Ion Ratio Lower Upper

95 100

174 79.2 0.0 157.0

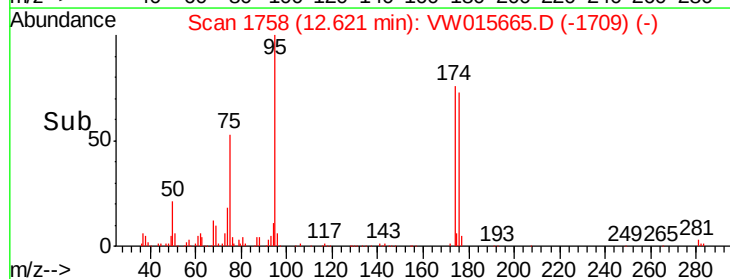
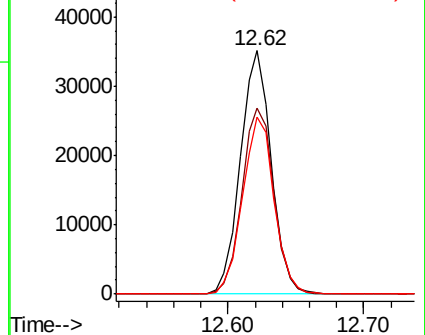
176 74.6 0.0 151.4

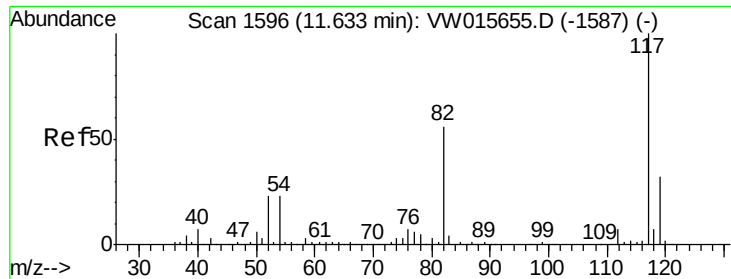


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

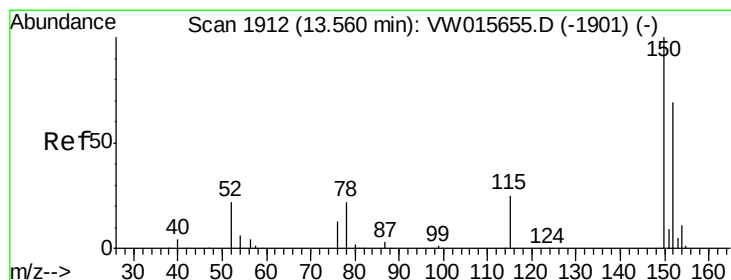
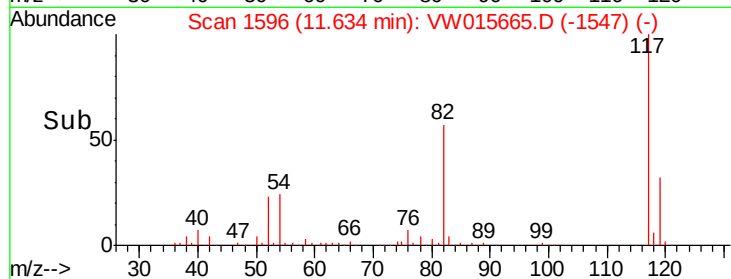
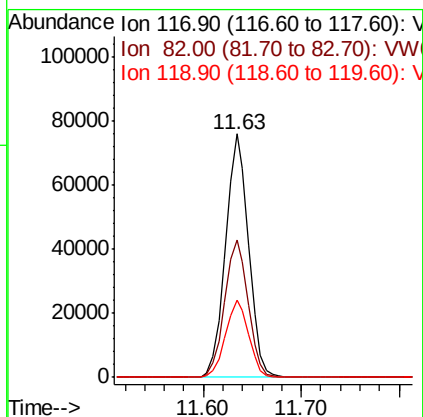
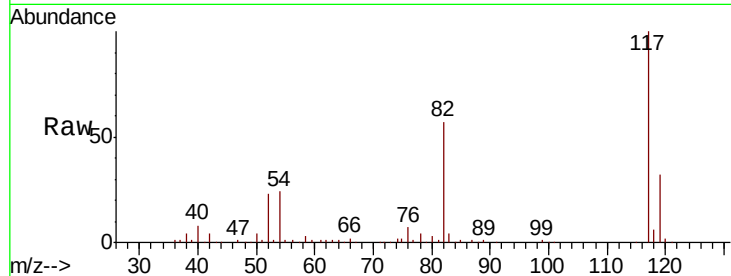




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015665.D
Acq: 23 Jun 2020 16:46

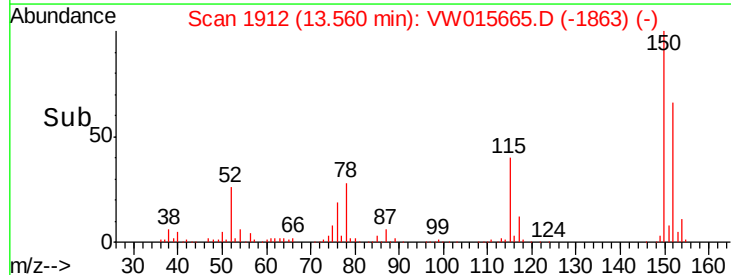
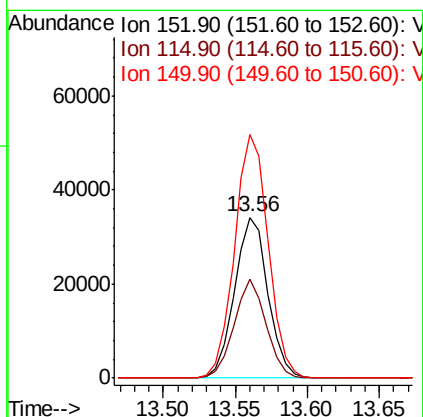
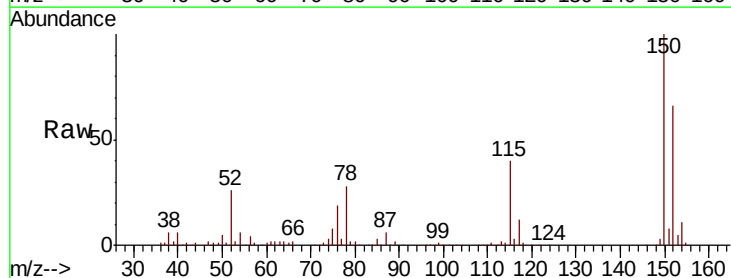
Instrument :
MSVOA_W
ClientSampleId :
JFK-SB-01-70.0-72.0

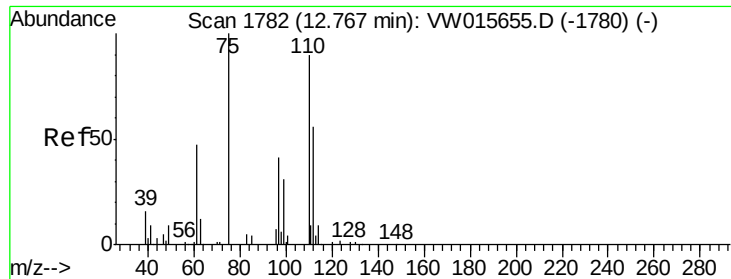
Tot Ion:117 Resp: 123706
Ion Ratio Lower Upper
117 100
82 56.6 45.1 67.7
119 31.7 25.8 38.8



#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





#76

1,2,3-Trichloropropane

Concen: 61.173 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015665.D

Acq: 23 Jun 2020 16:46

Instrument :

MSVOA_W

ClientSampleId :

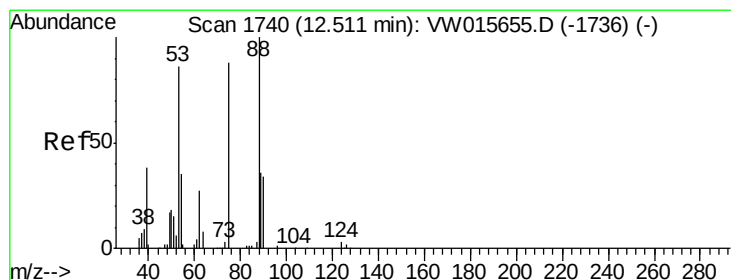
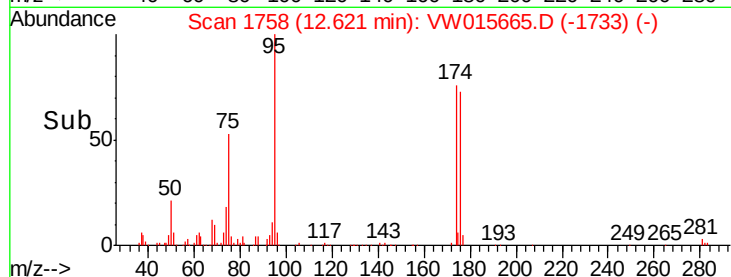
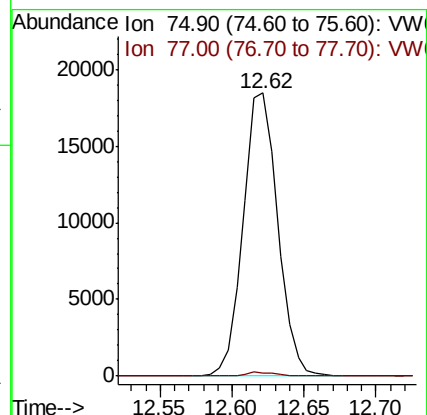
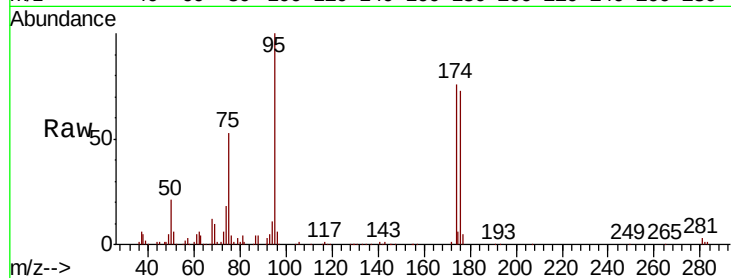
JFK-SB-01-70.0-72.0

Tot Ion: 75 Resp: 30642

Ion Ratio Lower Upper

75 100

77 1.2 179.1 537.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 154.158 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015665.D

Acq: 23 Jun 2020 16:46

Tgt Ion: 75 Resp: 30642

Ion Ratio Lower Upper

75 100

53 0.0 83.8 125.8#

89 0.0 36.6 55.0#

