

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
 Data File : VW015708.D
 Acq On : 25 Jun 2020 03:15
 Operator : SY/VA
 Sample : L3079-06RE
 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 04:09:41 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	95299	55.54	ug/l	0.00
Spiked Amount			Recovery	=	111.08%	
35) Dibromofluoromethane	7.88	113	83821	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
50) Toluene-d8	10.32	98	335499	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.62	95	109422	44.20	ug/l	0.00
Spiked Amount			Recovery	=	88.40%	

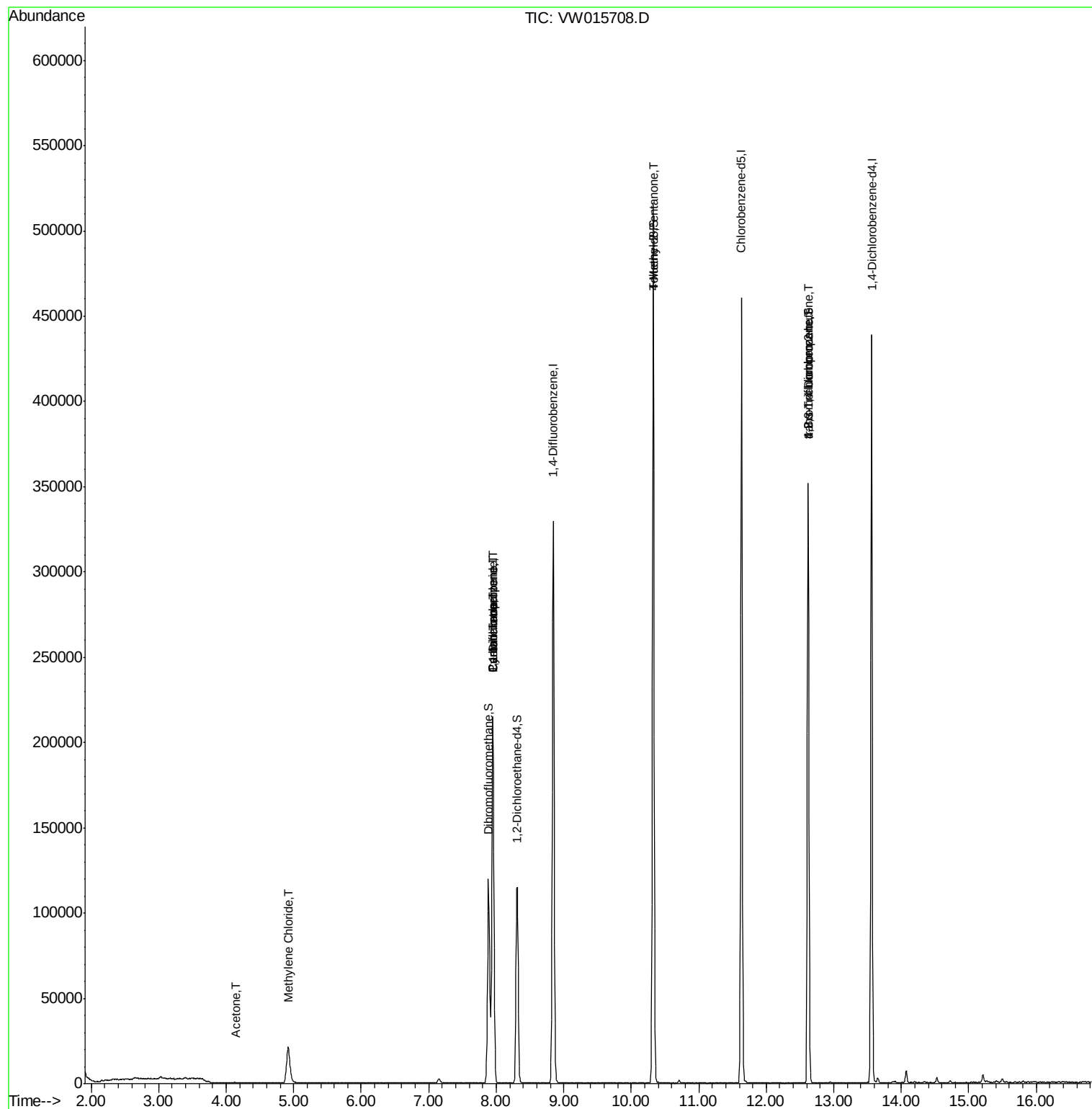
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	160	Below Cal	#	72
16) Acetone	4.14	43	713	2.186	ug/l	95
18) Methyl Acetate	4.87	43	44	Below Cal	#	52
20) Methylene Chloride	4.92	84	18151	7.554	ug/l	97
31) Cyclohexane	7.95	56	3762	1.273	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	12785	4.526	ug/l #	50
38) Carbon Tetrachloride	7.95	117	15829	5.781	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	1675	1.614	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	60350	61.031	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	60350	153.801	ug/l #	8

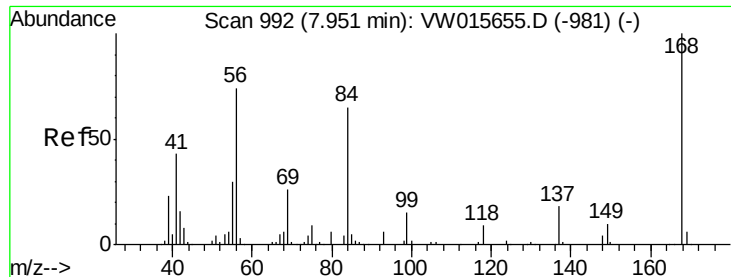
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
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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

Acq: 25 Jun 2020 03:15

Instrument :

MSVOA_W

ClientSampleId :

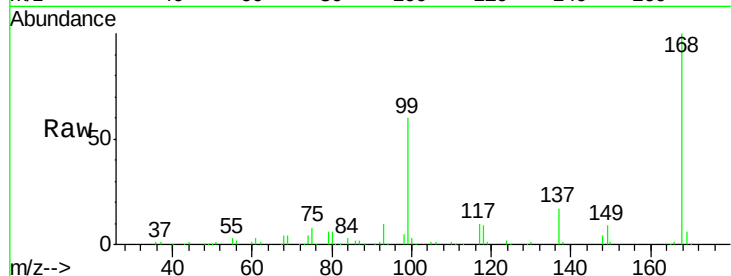
JFK-SB-01-70.0-72.0

Tgt 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

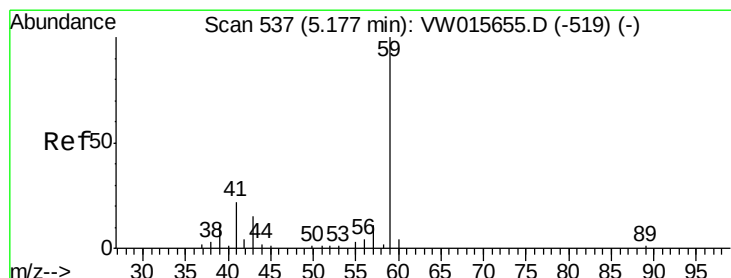
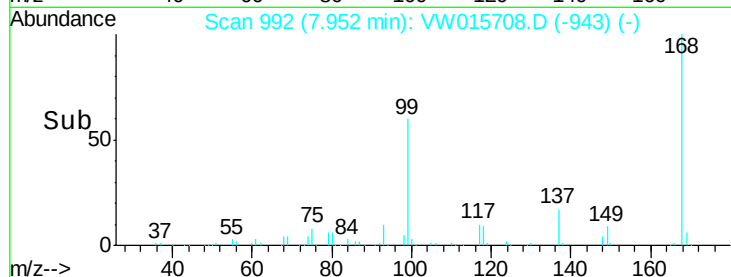
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 537

Delta R.T. 0.00 min

Lab File: VW015708.D

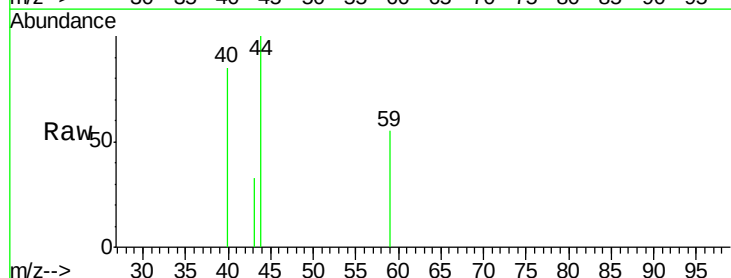
Acq: 25 Jun 2020 03:15

Tgt Ion: 59 Resp: 160

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

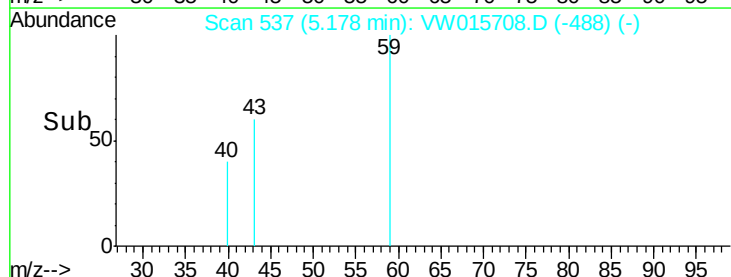
150

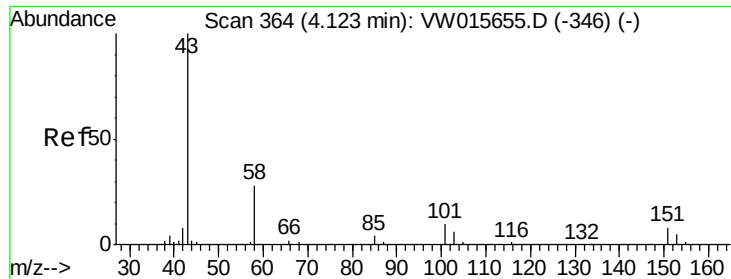
100

50

0

Time--> 5.14 5.16 5.18 5.20





#16

Acetone

Concen: 2.186 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW015708.D

Acq: 25 Jun 2020 03:15

Instrument :

MSVOA_W

ClientSampleId :

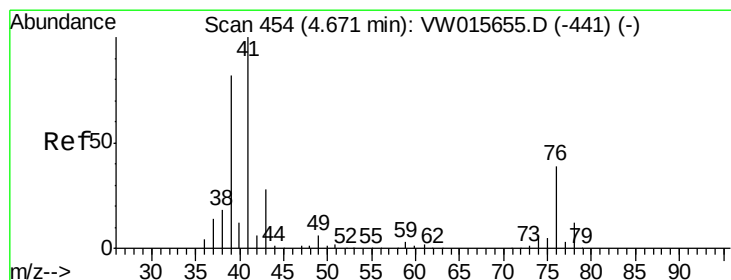
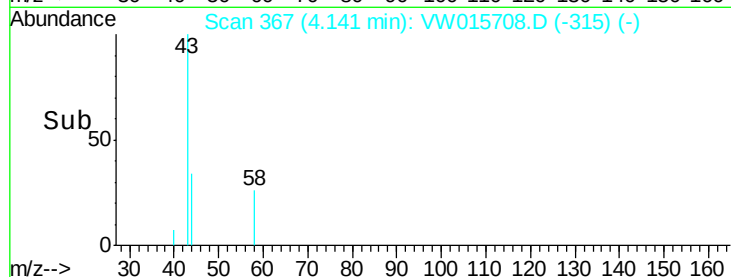
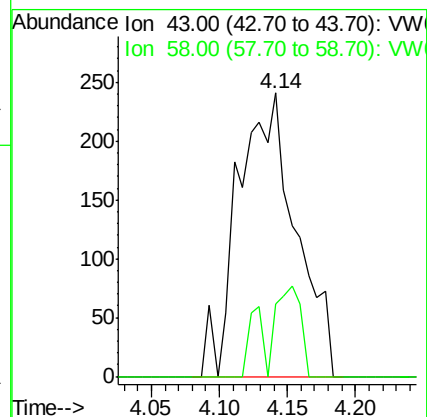
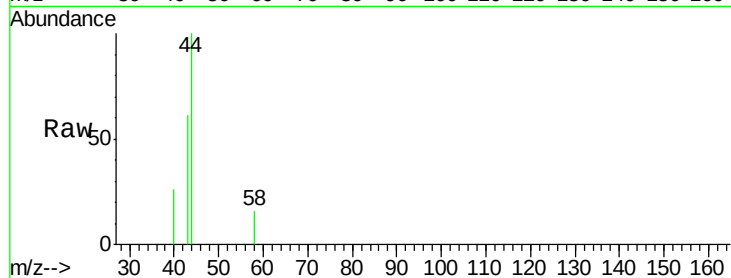
JFK-SB-01-70.0-72.0

Tgt Ion: 43 Resp: 713

Ion Ratio Lower Upper

43 100

58 25.7 22.6 33.8



#18

Methyl Acetate

Concen: Below Cal

RT: 4.87 min Scan# 486

Delta R.T. 0.20 min

Lab File: VW015708.D

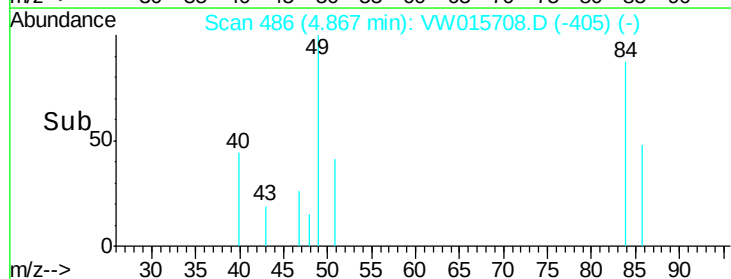
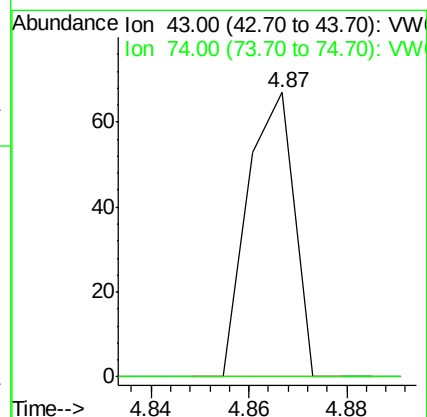
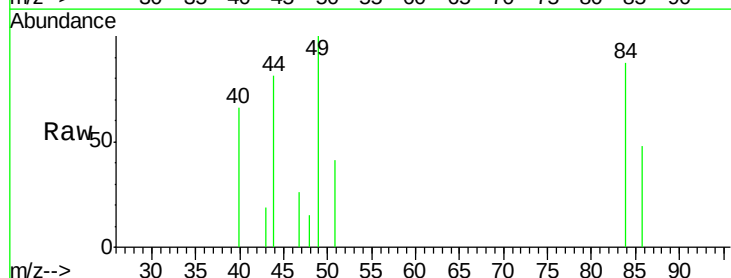
Acq: 25 Jun 2020 03:15

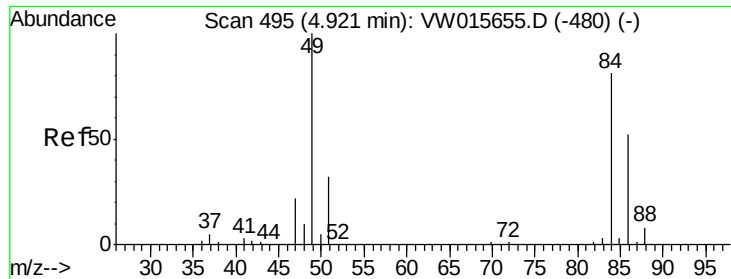
Tgt Ion: 43 Resp: 44

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.6#

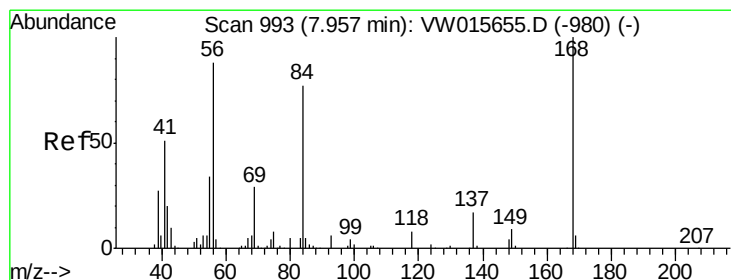
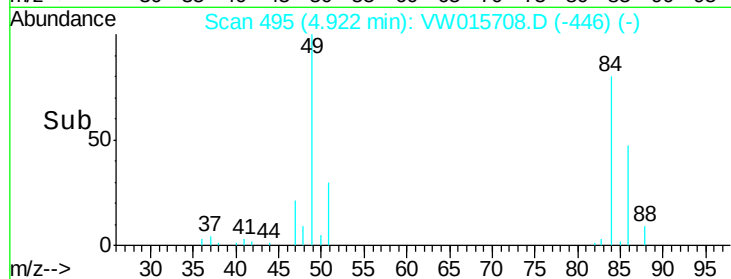
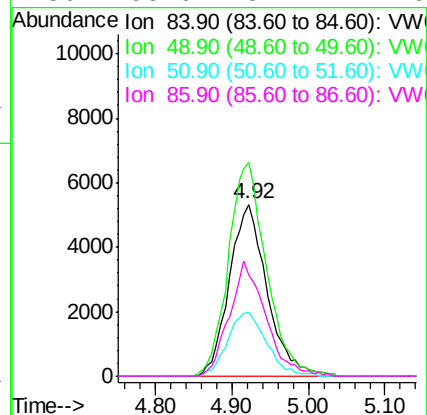
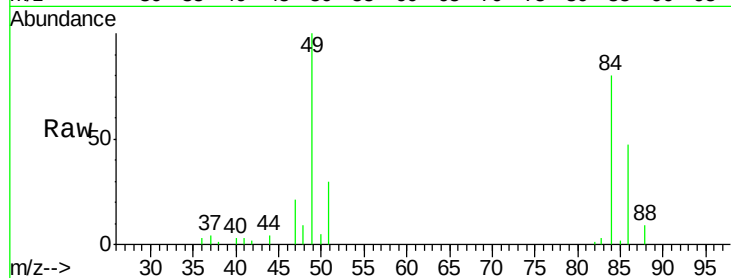




#20
Methylene Chloride
Concen: 7.554 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015708.D
Acq: 25 Jun 2020 03:15

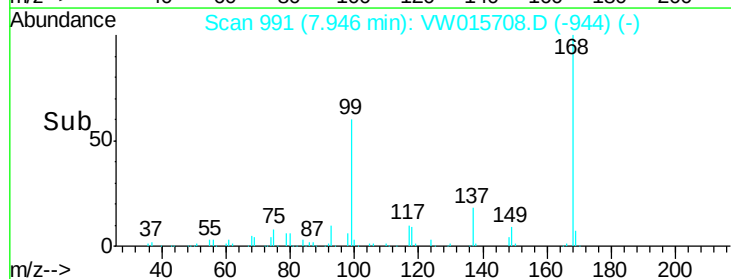
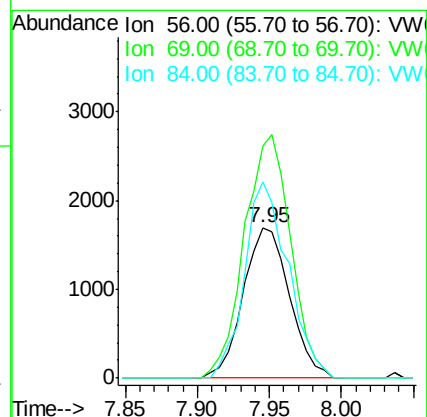
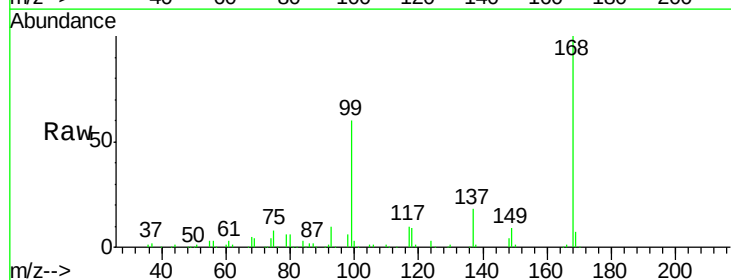
Instrument :
MSVOA_W
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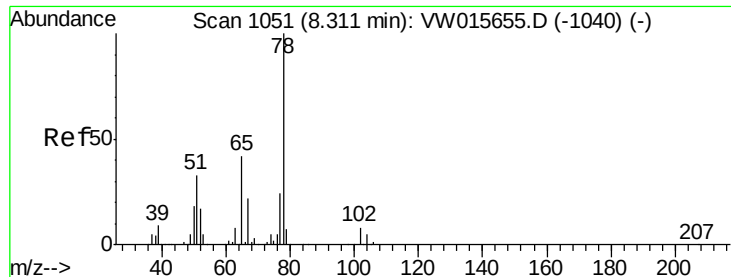
Tgt Ion:	84	Resp:	18151
Ion	Ratio	Lower	Upper
84	100		
49	124.5	99.3	148.9
51	37.2	31.8	47.6
86	58.9	51.7	77.5



#31
Cyclohexane
Concen: 1.273 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015708.D
Acq: 25 Jun 2020 03:15

Tgt Ion:	56	Resp:	3762
Ion	Ratio	Lower	Upper
56	100		
69	154.3	26.2	39.4#
84	130.1	70.4	105.6#

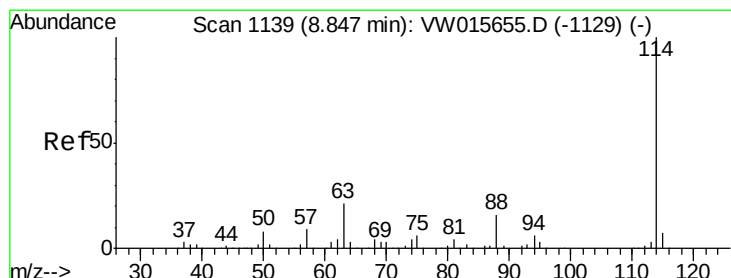
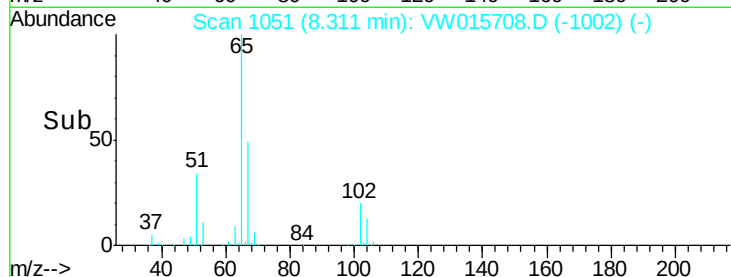
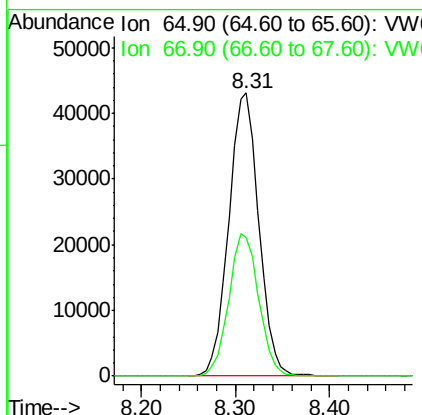
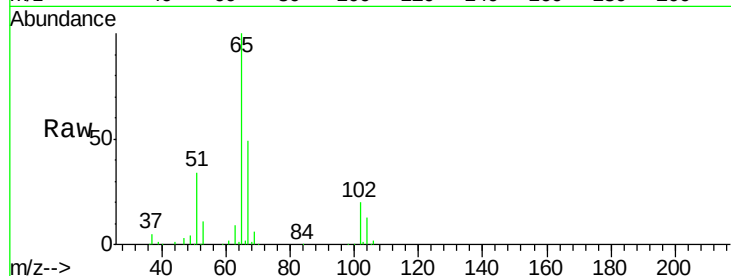




#33
 1,2-Dichloroethane-d4
 Concen: 55.539 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW015708.D
 Acq: 25 Jun 2020 03:15

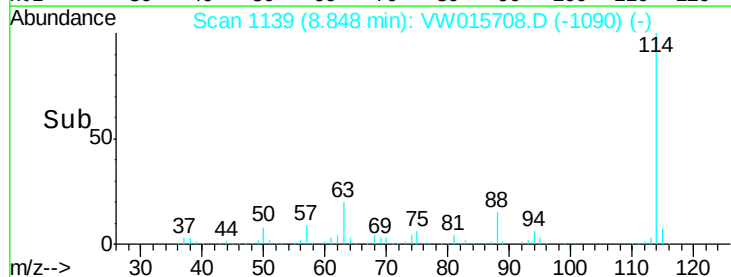
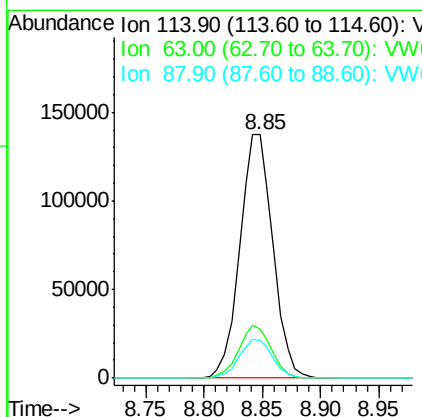
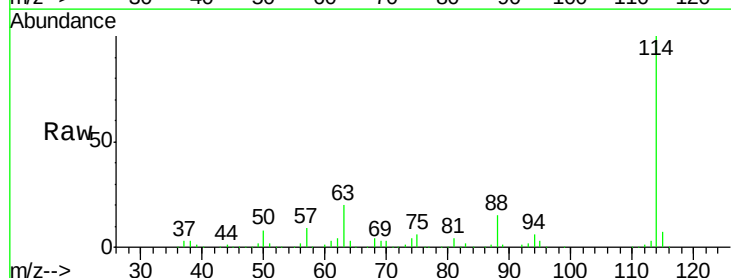
Instrument :
 MSVOA_W
 ClientSampleId :
 JFK-SB-01-70.0-72.0

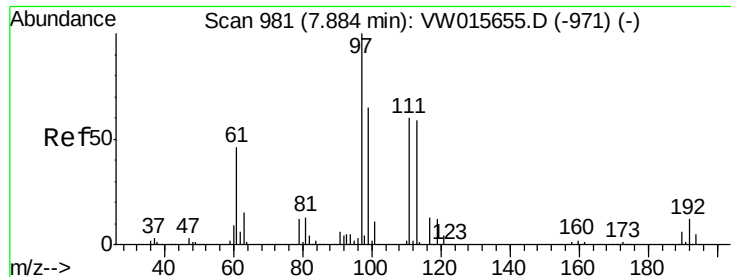
Tgt Ion: 65 Resp: 95299
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 102.2



#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

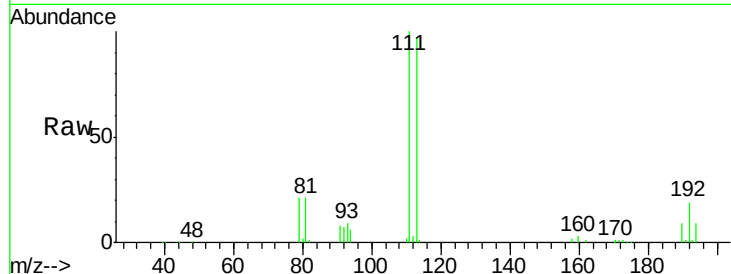




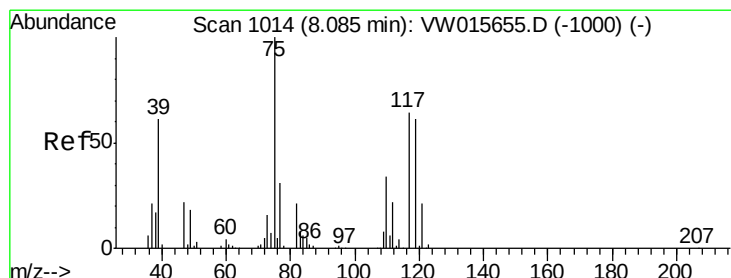
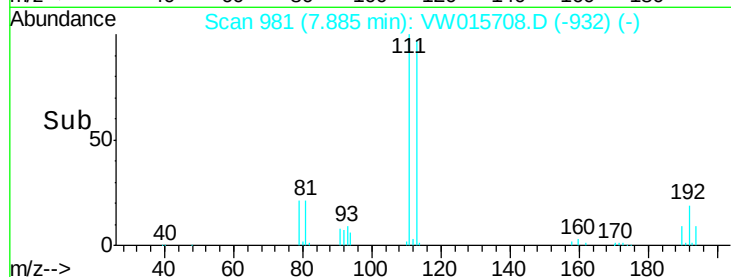
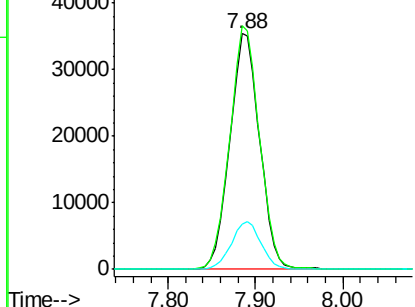
#35
 Dibromofluoromethane
 Concen: 49.069 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015708.D
 Acq: 25 Jun 2020 03:15

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

Tgt Ion: 113 Resp: 83821
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.3 123.5
 192 20.0 16.4 24.6

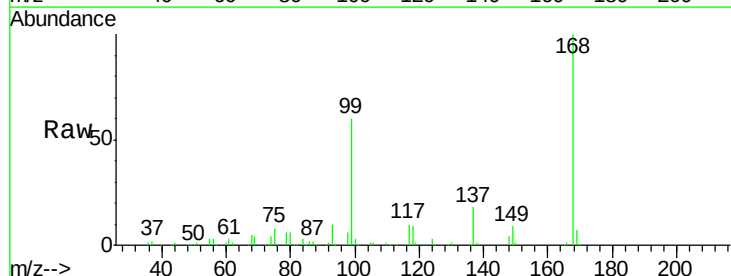


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

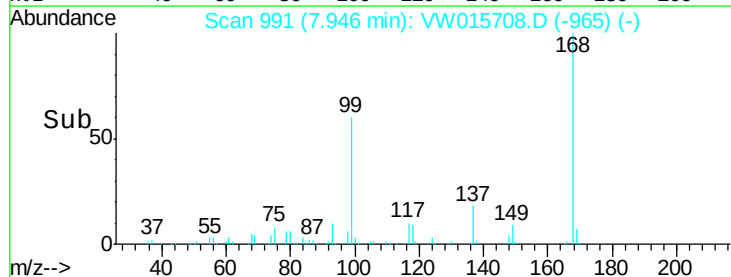
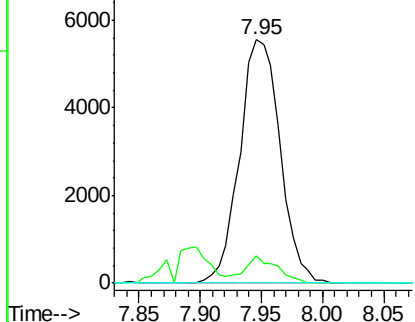


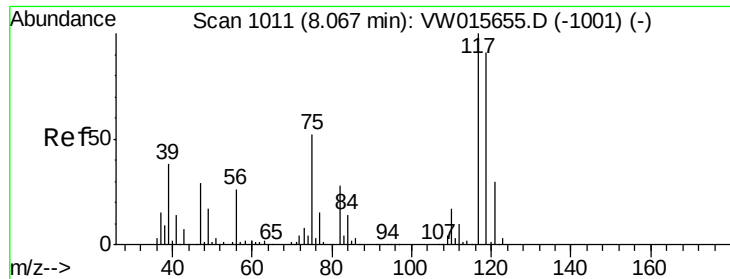
#36
 1,1-Dichloropropene
 Concen: 4.526 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015708.D
 Acq: 25 Jun 2020 03:15

Tgt Ion: 75 Resp: 12785
 Ion Ratio Lower Upper
 75 100
 110 8.9 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

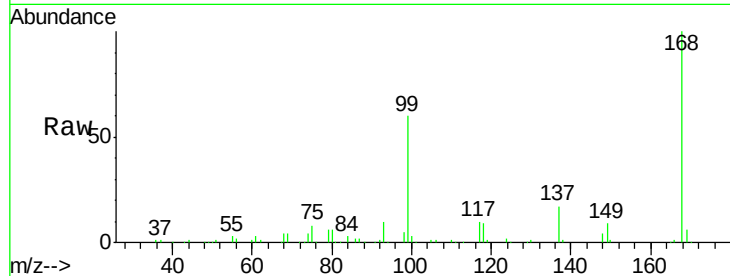




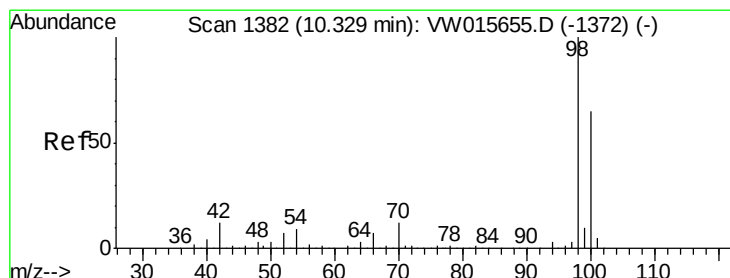
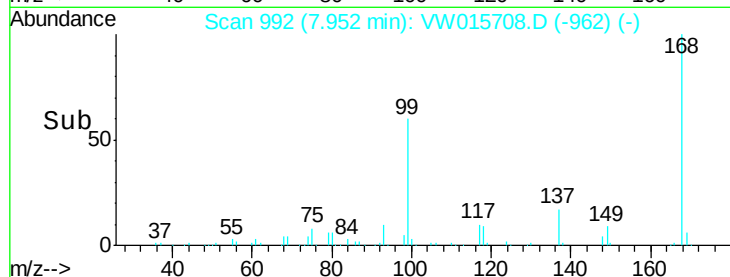
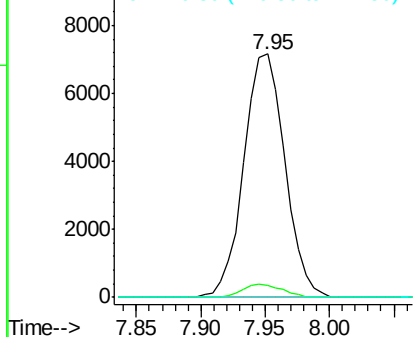
#38
Carbon Tetrachloride
Concen: 5.781 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015708.D
Acq: 25 Jun 2020 03:15

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

Tgt Ion: 117 Resp: 15829
Ion Ratio Lower Upper
117 100
119 5.1 73.2 109.8#
121 0.0 23.9 35.9#

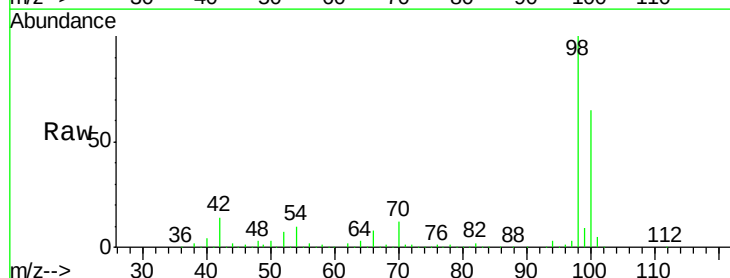


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

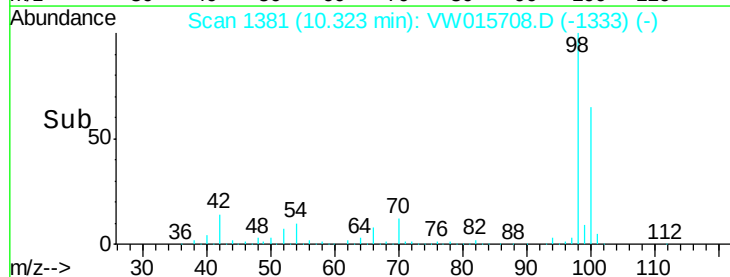
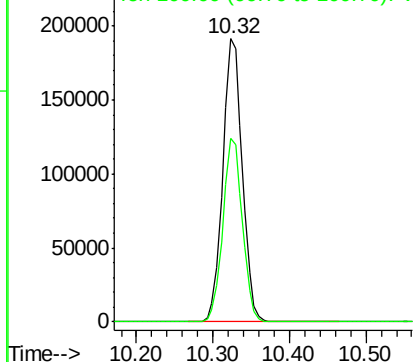


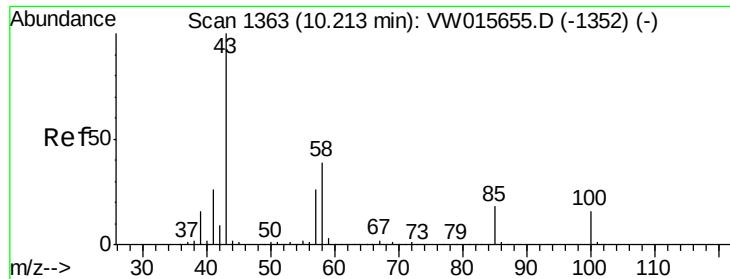
#50
Toluene-d8
Concen: 49.906 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015708.D
Acq: 25 Jun 2020 03:15

Tgt Ion: 98 Resp: 335499
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

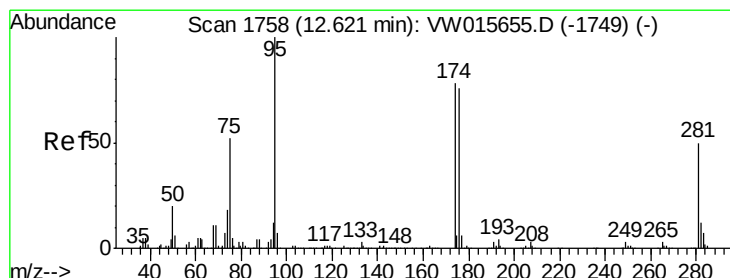
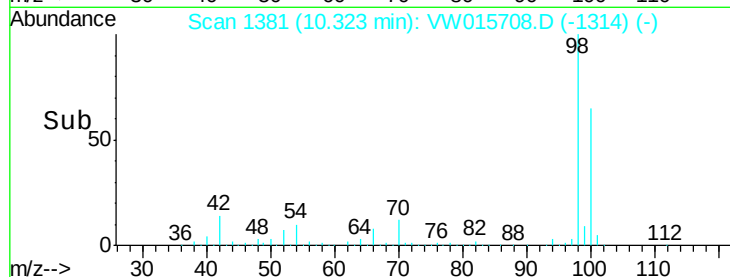
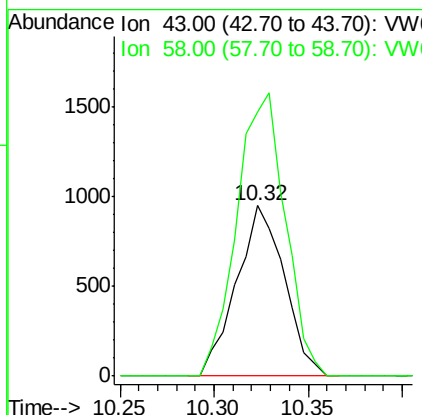
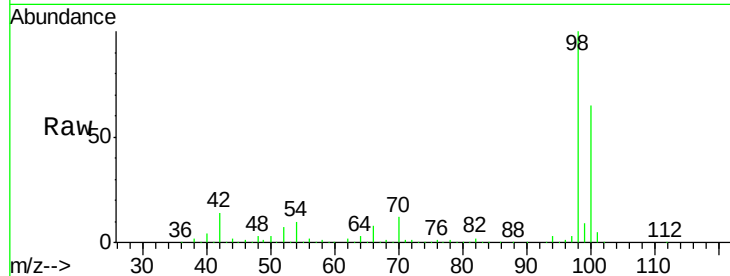




#51
4-Methyl-2-Pentanone
Concen: 1.614 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.11 min
Lab File: VW015708.D
Acq: 25 Jun 2020 03:15

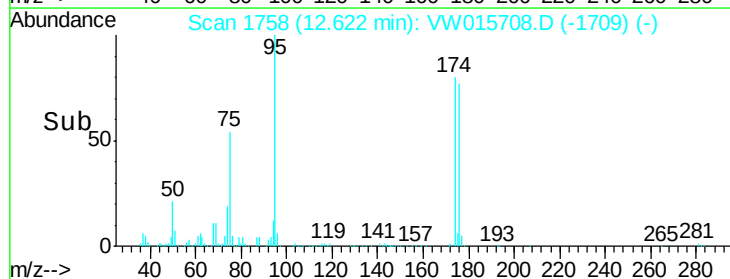
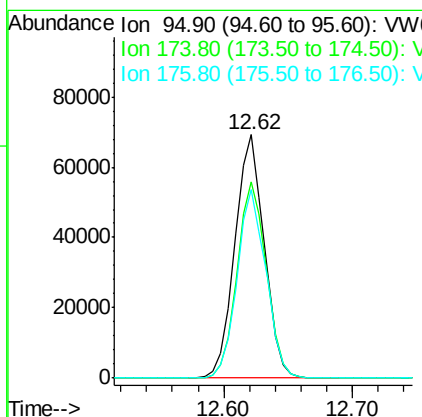
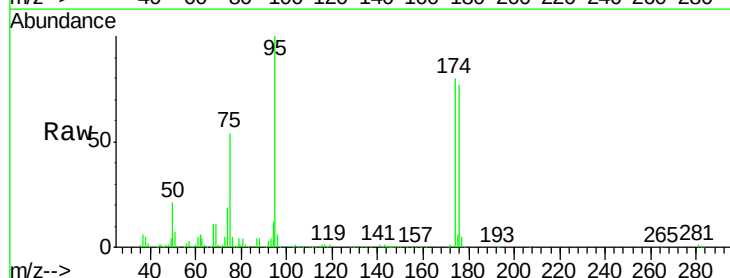
Instrument :
MSVOA_W
ClientSampleId :
JFK-SB-01-70.0-72.0

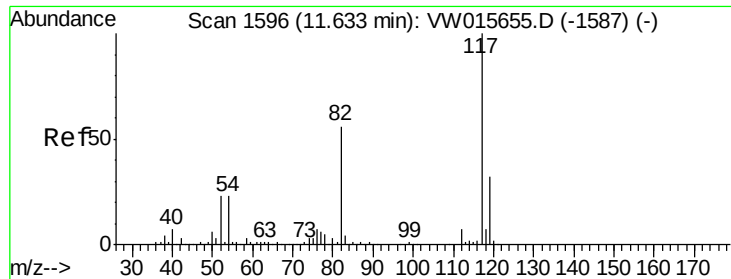
Tgt Ion: 43 Resp: 1675
Ion Ratio Lower Upper
43 100
58 167.6 31.2 46.8#



#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

Tgt Ion: 95 Resp: 109422
Ion Ratio Lower Upper
95 100
174 80.0 0.0 157.0
176 76.1 0.0 151.4





#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

Instrument :

MSVOA_W

ClientSampleId :

JFK-SB-01-70.0-72.0

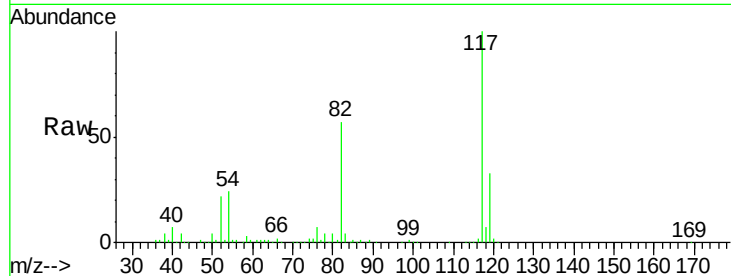
Tgt Ion:117 Resp: 244323

Ion Ratio Lower Upper

117 100

82 57.0 45.1 67.7

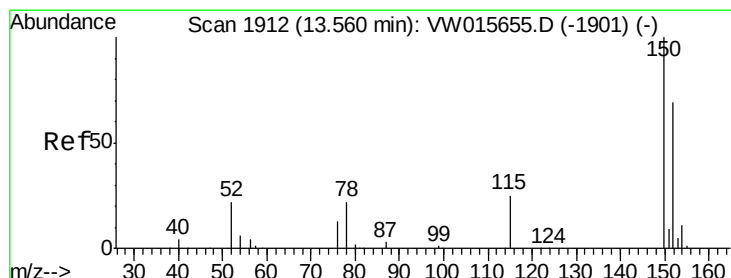
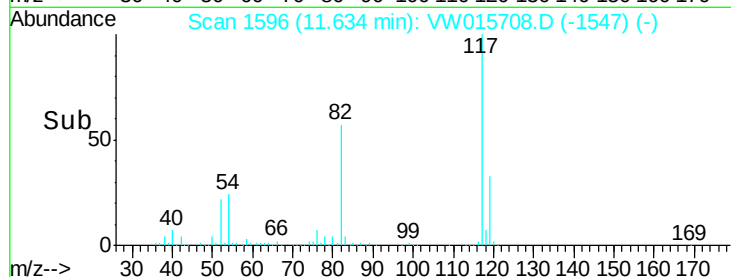
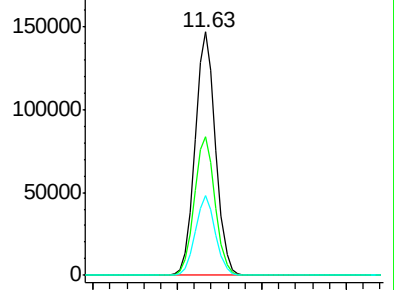
119 32.7 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#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

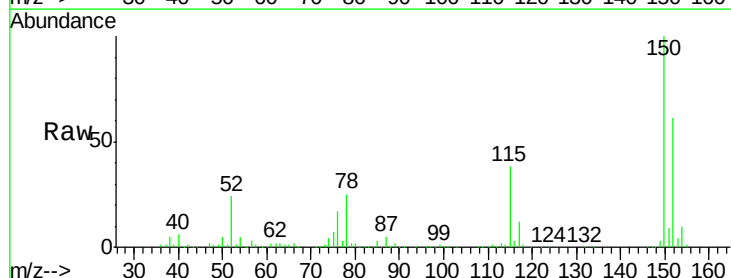
Tgt Ion:152 Resp: 108407

Ion Ratio Lower Upper

152 100

115 60.9 30.1 90.5

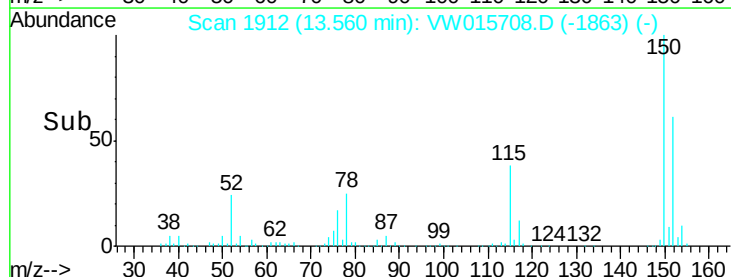
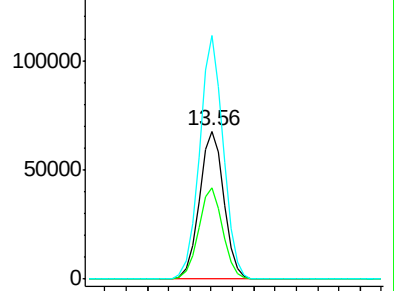
150 159.8 0.0 345.6

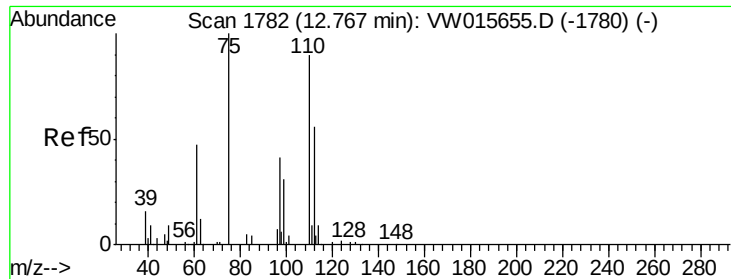


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 61.031 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015708.D

Acq: 25 Jun 2020 03:15

Instrument :

MSVOA_W

ClientSampleId :

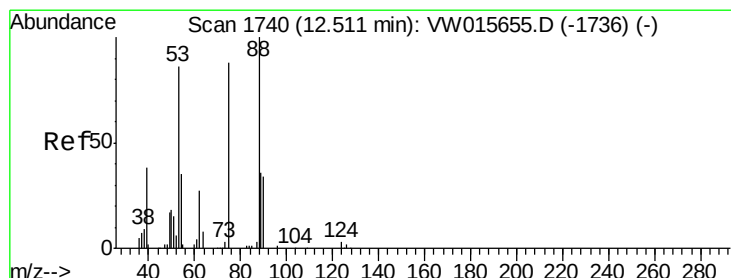
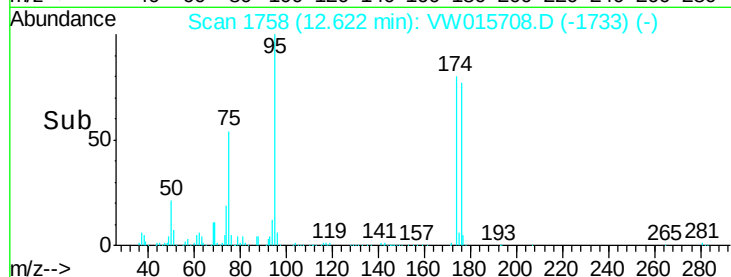
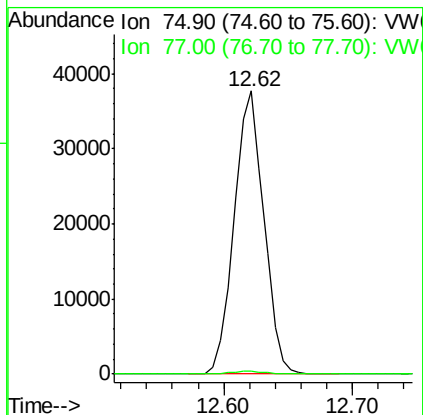
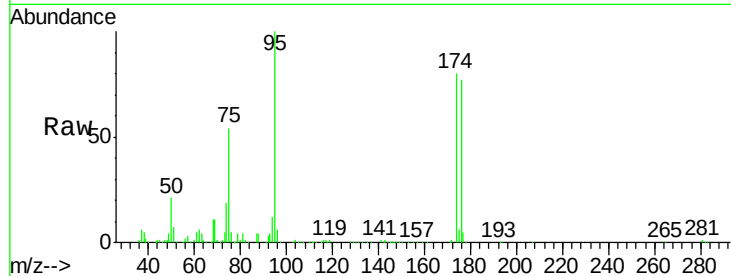
JFK-SB-01-70.0-72.0

Tgt Ion: 75 Resp: 60350

Ion Ratio Lower Upper

75 100

77 1.2 179.1 537.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 153.801 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015708.D

Acq: 25 Jun 2020 03:15

Tgt Ion: 75 Resp: 60350

Ion Ratio Lower Upper

75 100

53 0.0 83.8 125.8#

89 0.0 36.6 55.0#

