

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062036.D
 Acq On : 23 Jun 2020 7:11
 Operator : JC/MD
 Sample : L3081-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JFK-WC-S-SB-01

Quant Time: Jun 23 08:31:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

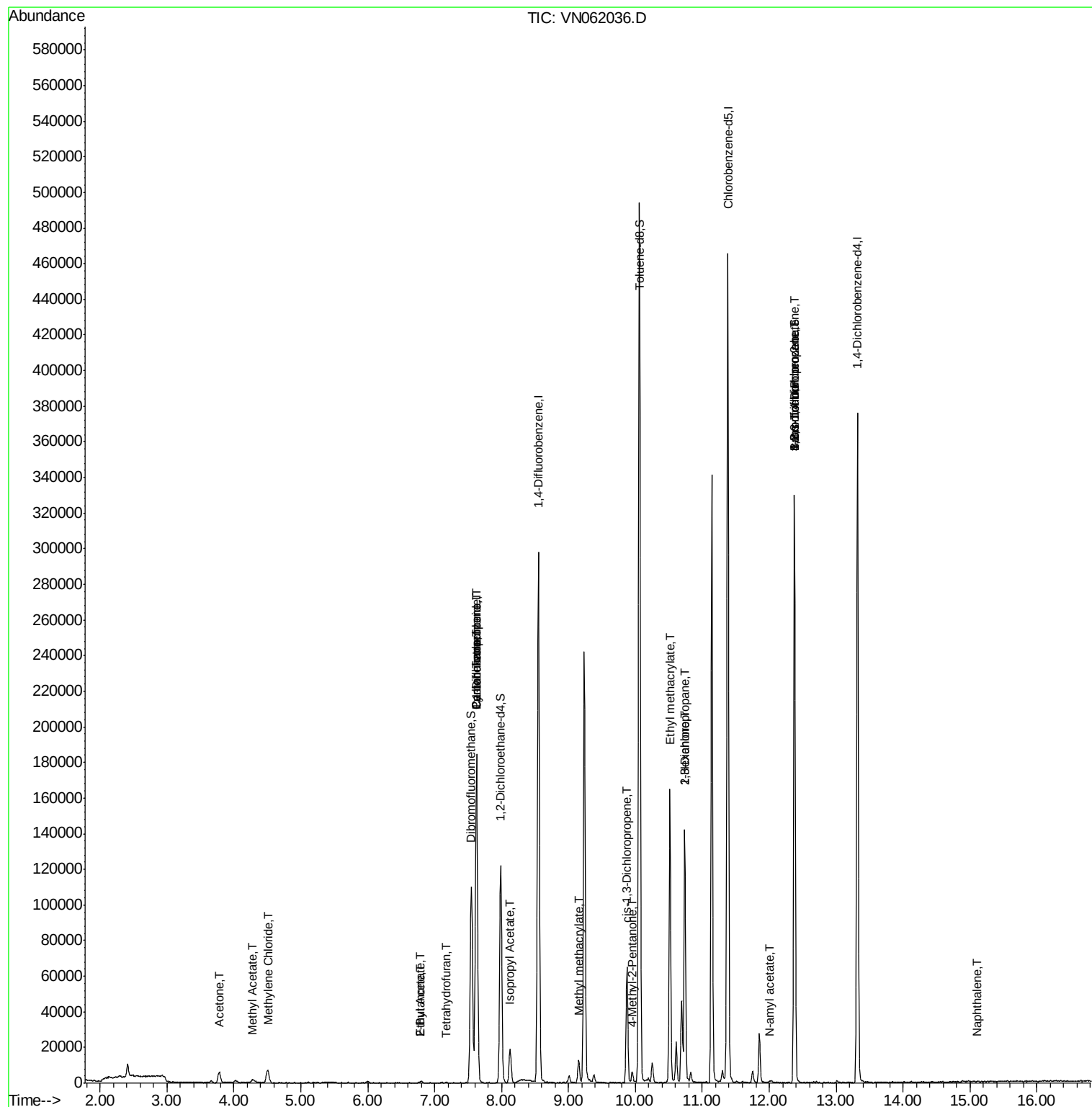
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	146253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	273375	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	272233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	101782	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	102576	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
35) Dibromofluoromethane	7.55	113	87993	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
50) Toluene-d8	10.06	98	352587	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.38	95	115468	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
Target Compounds						
					Qvalue	
16) Acetone	3.78	43	10880	18.779	ug/l	100
18) Methyl Acetate	4.28	43	2998	1.797	ug/l #	66
20) Methylene Chloride	4.50	84	6012	3.185	ug/l	99
25) 2-Butanone	6.80	43	915	1.082	ug/l	99
29) Tetrahydrofuran	7.18	42	359	0.645	ug/l #	26
31) Cyclohexane	7.62	56	3124	1.209	ug/l #	19
36) 1,1-Dichloropropene	7.63	75	11949	4.792	ug/l #	49
37) Ethyl Acetate	6.80	43	915	0.470	ug/l #	65
38) Carbon Tetrachloride	7.63	117	14798	5.993	ug/l #	17
43) Isopropyl Acetate	8.13	43	21475	6.544	ug/l #	89
48) Methyl methacrylate	9.15	41	1610	1.079	ug/l #	5
51) 4-Methyl-2-Pentanone	9.95	43	3500	1.805	ug/l	96
54) cis-1,3-Dichloropropene	9.87	75	12129	3.930	ug/l #	68
56) Ethyl methacrylate	10.51	69	665	3.122	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	1388	0.439	ug/l #	42
59) 2-Hexanone	10.74	43	17988	24.395	ug/l #	51
71) Bromoform	12.38	173	1113	0.762	ug/l #	1
74) N-amyl acetate	12.00	43	1604	3.639	ug/l #	38
76) 1,2,3-Trichloropropane	12.38	75	57527	28.789	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	57527	78.519	ug/l #	14
95) Naphthalene	15.11	128	207	3.521	ug/l #	69

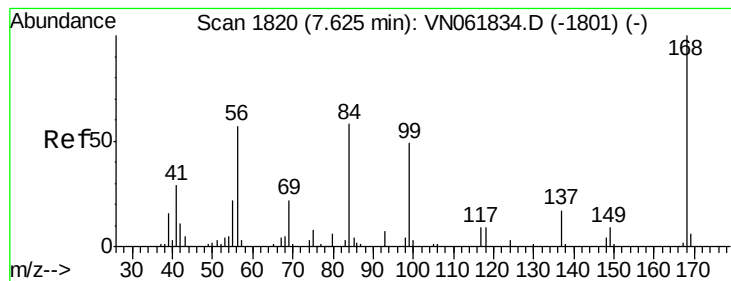
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062036.D

Acq: 23 Jun 2020 7:11

Instrument :

MSVOA_N

ClientSampleId :

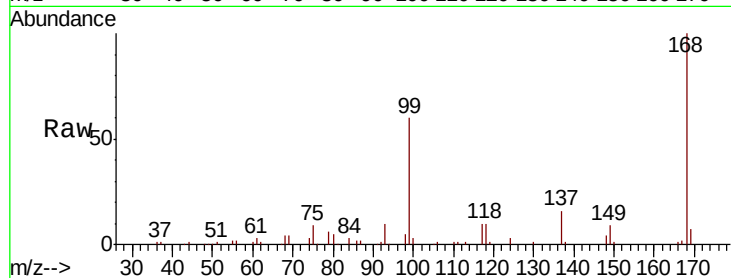
JFK-WC-S-SB-01

Tot Ion:168 Resp: 146253

Ion Ratio Lower Upper

168 100

99 59.7 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): VN062036.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN062036.D (-1727) (-)

7.63

60000

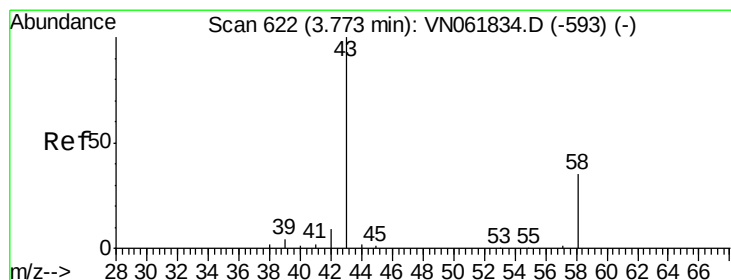
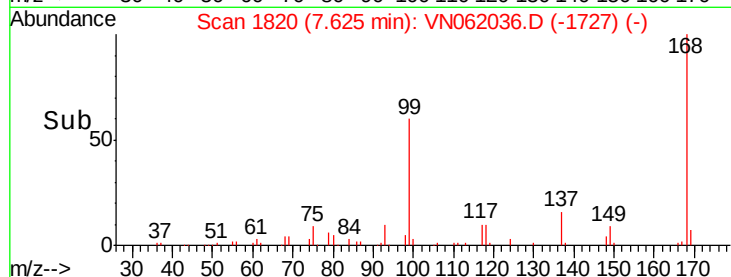
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: 18.779 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062036.D

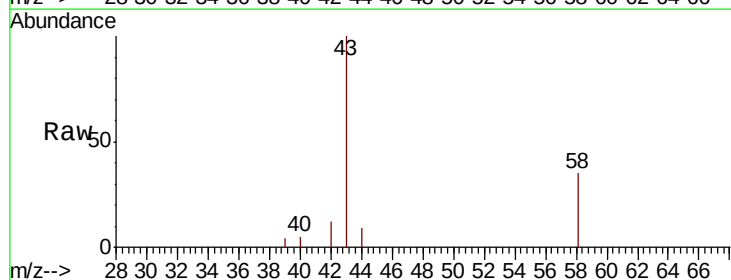
Acq: 23 Jun 2020 7:11

Tgt Ion: 43 Resp: 10880

Ion Ratio Lower Upper

43 100

58 34.5 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN062036.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062036.D (-529) (-)

3.78

4000

3000

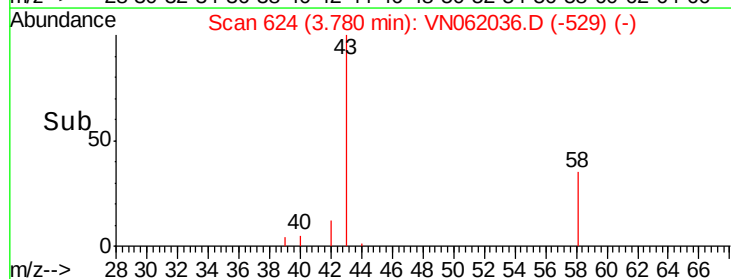
2000

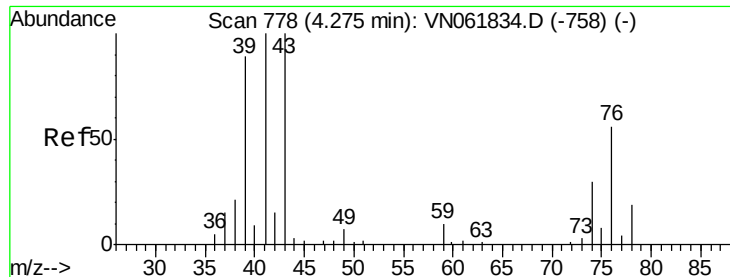
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->

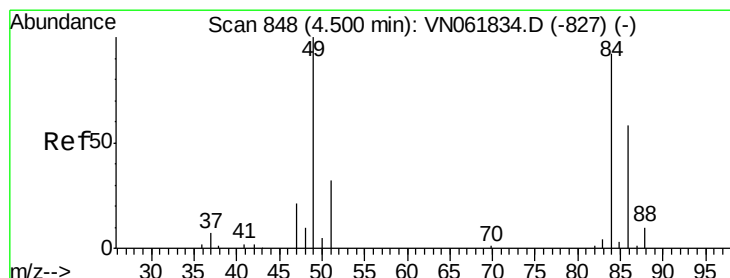
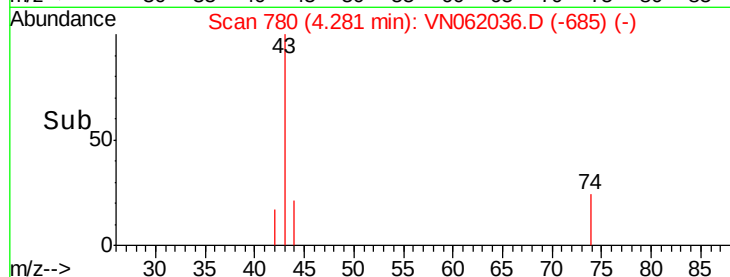
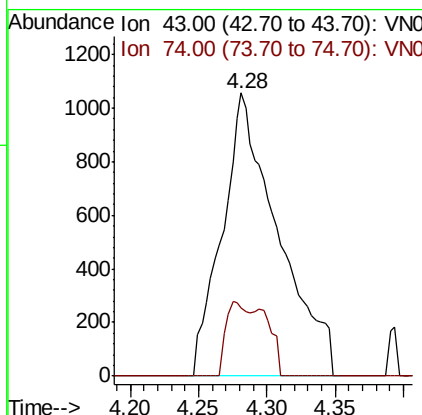
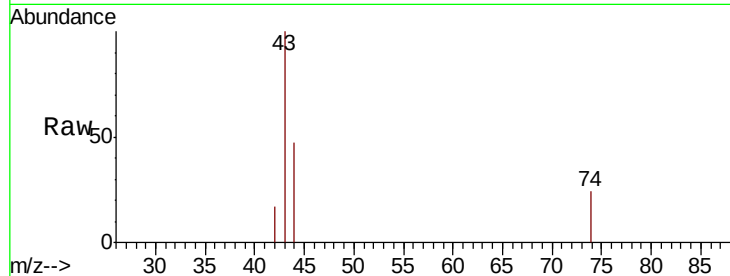




#18
Methyl Acetate
Concen: 1.797 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.01 min
Lab File: VN062036.D
Acq: 23 Jun 2020 7:11

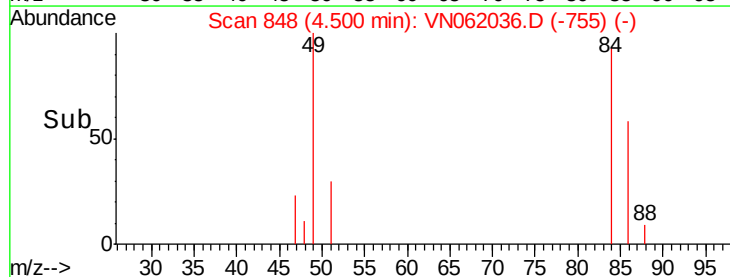
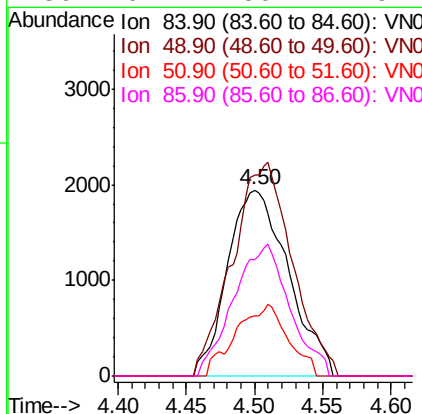
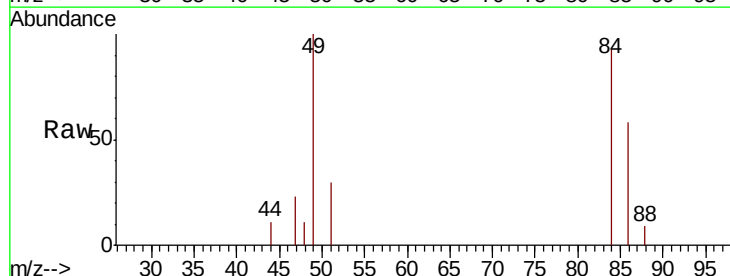
Instrument :
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ClientSampleId :
JFK-WC-S-SB-01

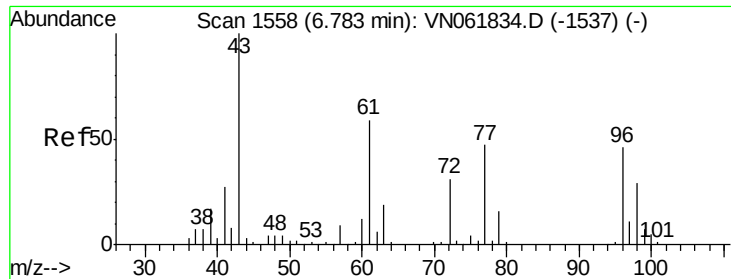
Tot Ion: 43 Resp: 2998
Ion Ratio Lower Upper
43 100
74 10.8 23.0 34.4#



#20
Methylene Chloride
Concen: 3.185 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062036.D
Acq: 23 Jun 2020 7:11

Tgt Ion: 84 Resp: 6012
Ion Ratio Lower Upper
84 100
49 107.8 87.0 130.4
51 32.4 27.8 41.6
86 62.7 50.2 75.2

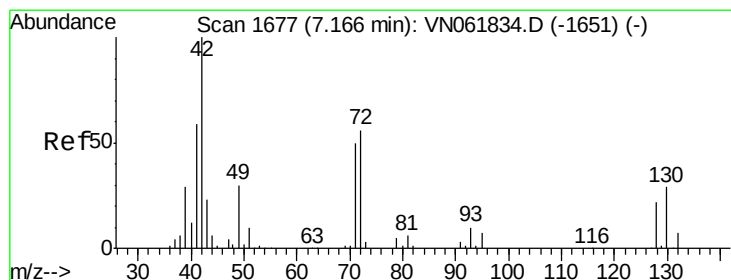
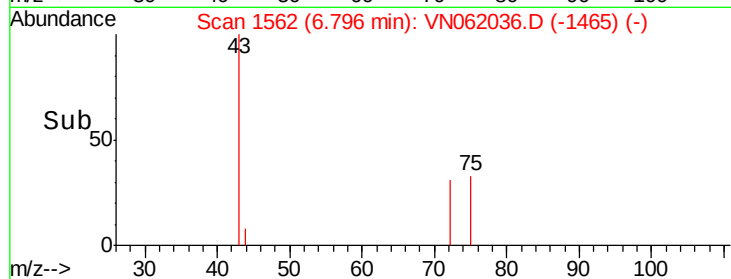
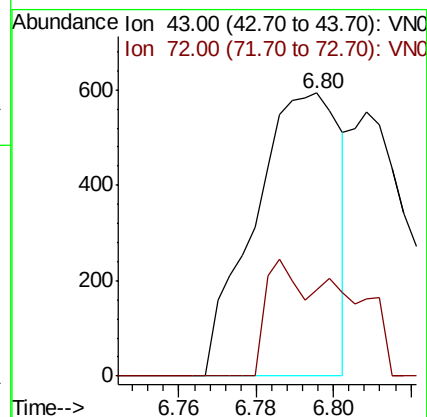
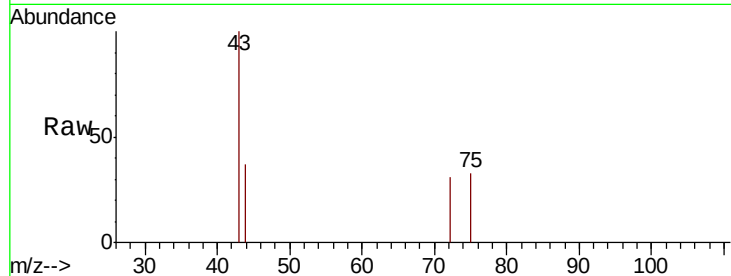




#25
2-Butanone
Concen: 1.082 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.01 min
Lab File: VN062036.D
Acq: 23 Jun 2020 7:11

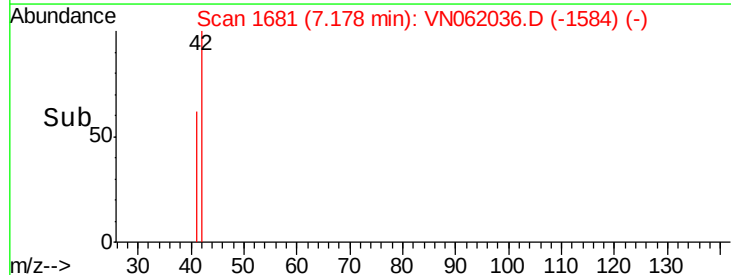
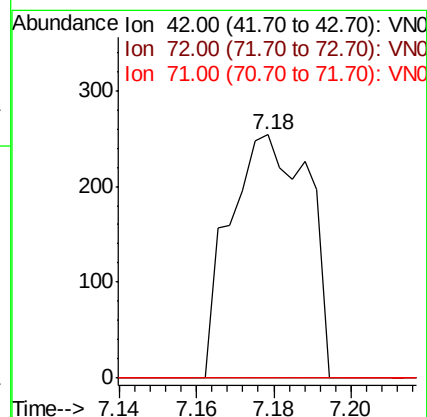
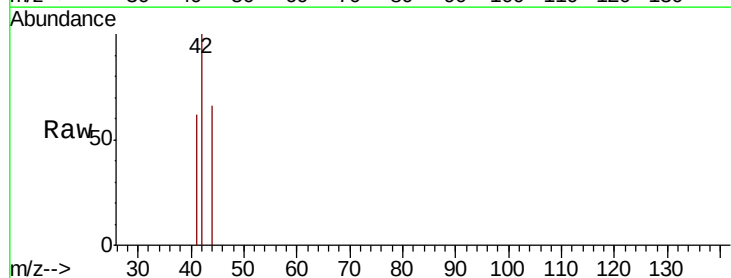
Instrument :
MSVOA_N
ClientSampleId :
JFK-WC-S-SB-01

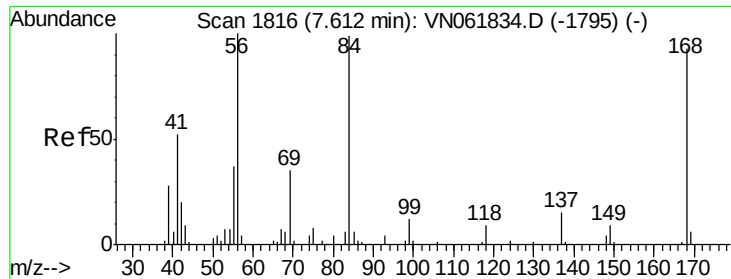
Tot Ion: 43 Resp: 915
Ion Ratio Lower Upper
43 100
72 30.5 24.6 37.0



#29
Tetrahydrofuran
Concen: 0.645 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VN062036.D
Acq: 23 Jun 2020 7:11

Tgt Ion: 42 Resp: 359
Ion Ratio Lower Upper
42 100
72 0.0 44.0 66.0#
71 0.0 40.0 60.0#

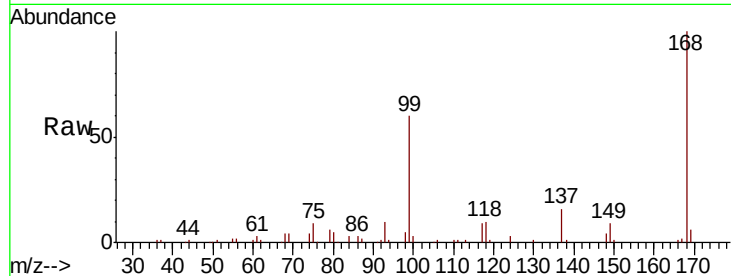




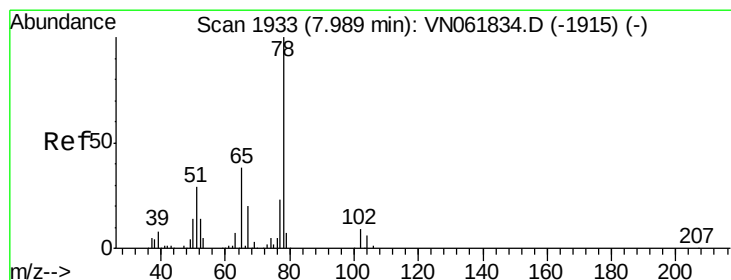
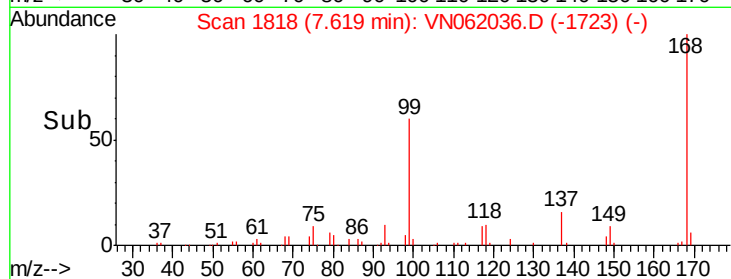
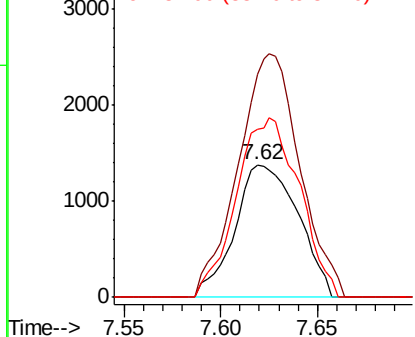
#31
Cyclohexane
Concen: 1.209 ug/l
RT: 7.62 min Scan# 1818
Delta R.T. 0.01 min
Lab File: VN062036.D
Acq: 23 Jun 2020 7:11

Instrument :
MSVOA_N
ClientSampleId :
JFK-WC-S-SB-01

Tot Ion: 56 Resp: 3124
Ion Ratio Lower Upper
56 100
69 168.1 27.7 41.5#
84 126.7 79.1 118.7#

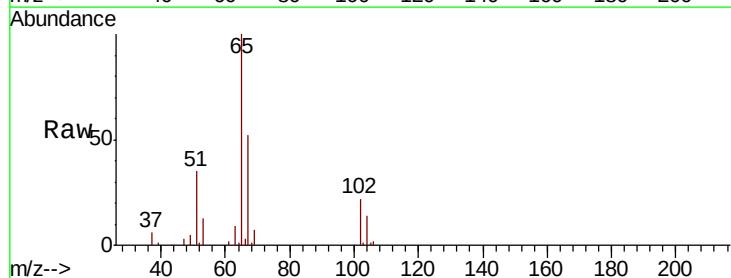


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

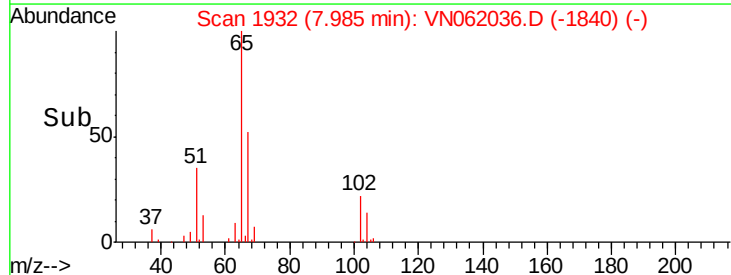
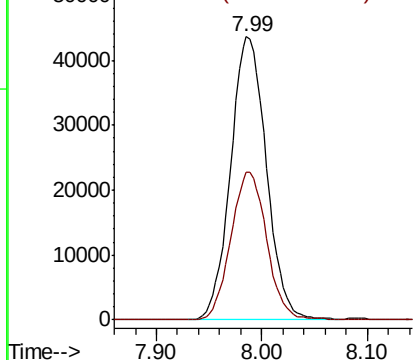


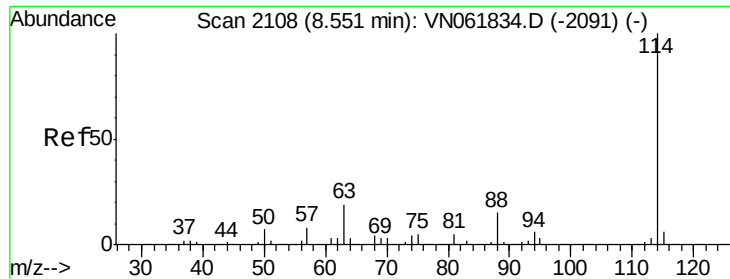
#33
1,2-Dichloroethane-d4
Concen: 52.296 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN062036.D
Acq: 23 Jun 2020 7:11

Tgt Ion: 65 Resp: 102576
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

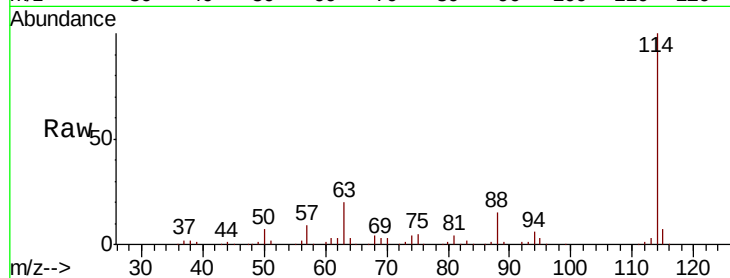




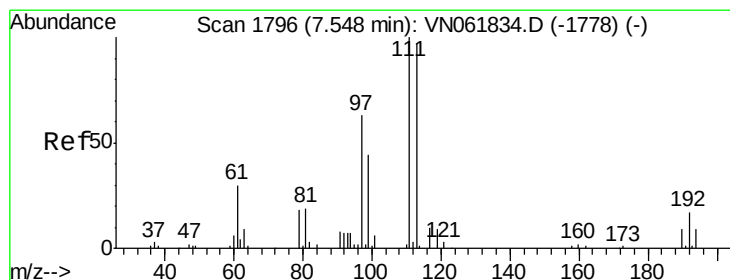
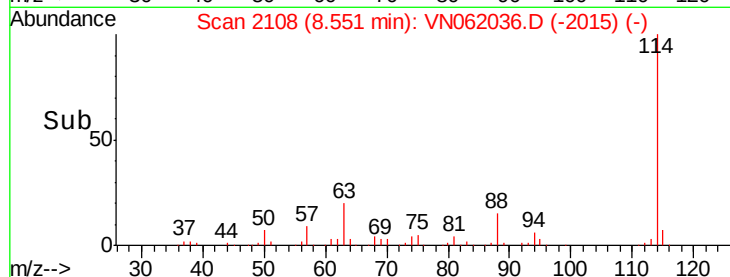
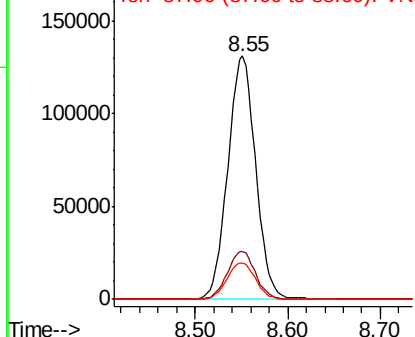
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062036.D
 Acq: 23 Jun 2020 7:11

Instrument :
 MSVOA_N
 ClientSampleId :
 JFK-WC-S-SB-01

Tot Ion:114 Resp: 273375
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 37.6
 88 15.0 0.0 31.0

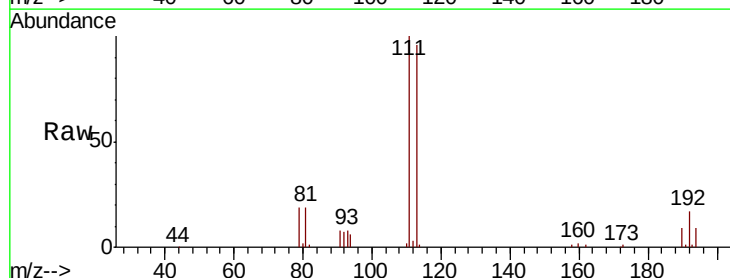


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

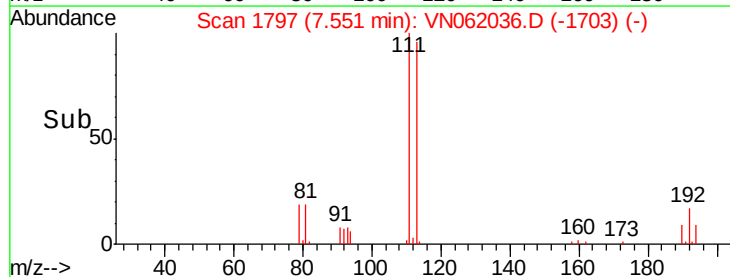
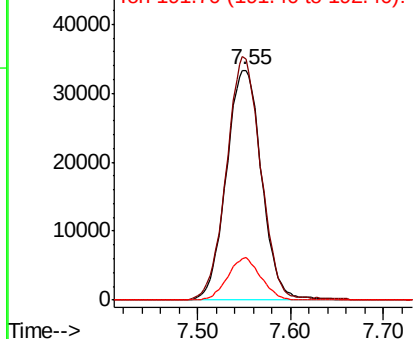


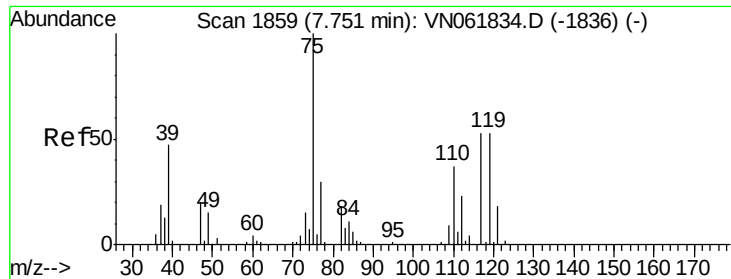
#35
 Dibromofluoromethane
 Concen: 50.313 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062036.D
 Acq: 23 Jun 2020 7:11

Tgt Ion:113 Resp: 87993
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.7 125.5
 192 17.2 13.9 20.9



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: 4.792 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.13 min

Lab File: VN062036.D

Acq: 23 Jun 2020 7:11

Instrument :

MSVOA_N

ClientSampleId :

JFK-WC-S-SB-01

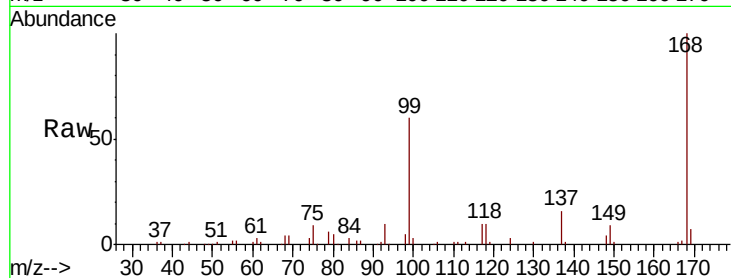
Tot Ion: 75 Resp: 11949

Ion Ratio Lower Upper

75 100

110 8.6 18.2 54.6#

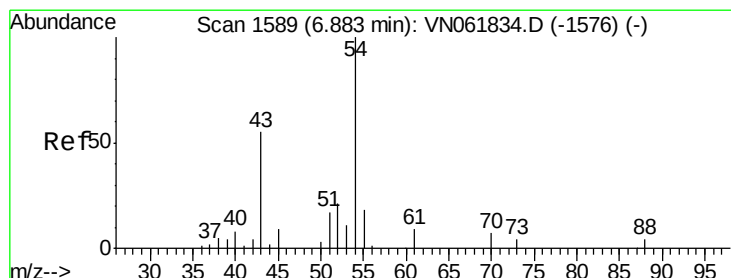
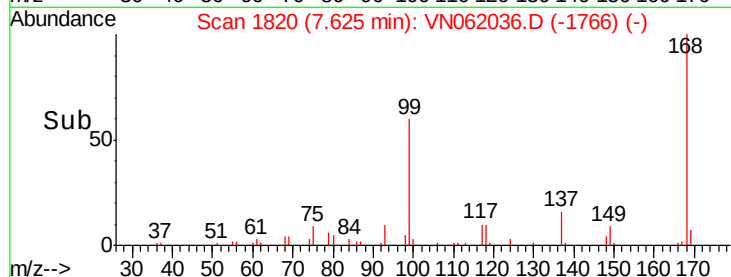
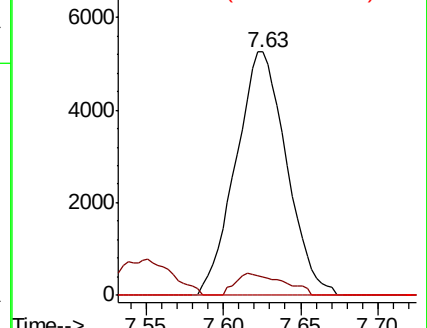
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 0.470 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.09 min

Lab File: VN062036.D

Acq: 23 Jun 2020 7:11

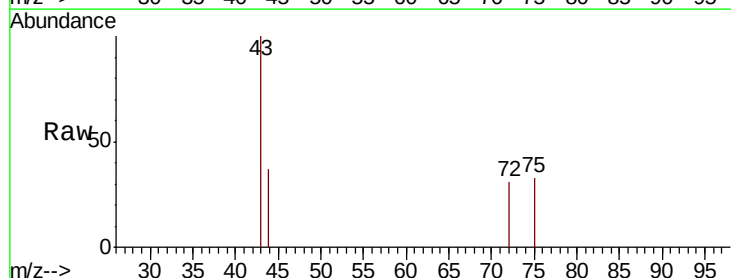
Tgt Ion: 43 Resp: 915

Ion Ratio Lower Upper

43 100

61 0.0 13.0 19.4#

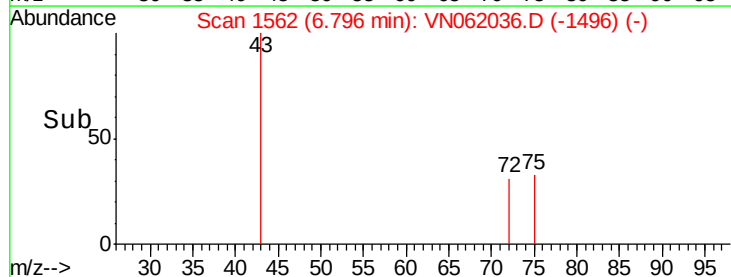
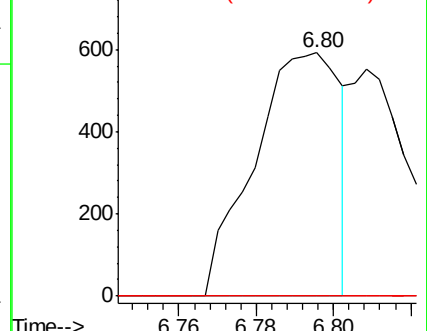
70 0.0 9.4 14.2#

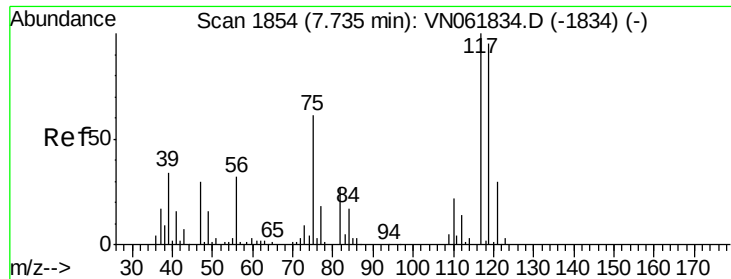


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 5.993 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062036.D

Acq: 23 Jun 2020 7:11

Instrument :

MSVOA_N

ClientSampleId :

JFK-WC-S-SB-01

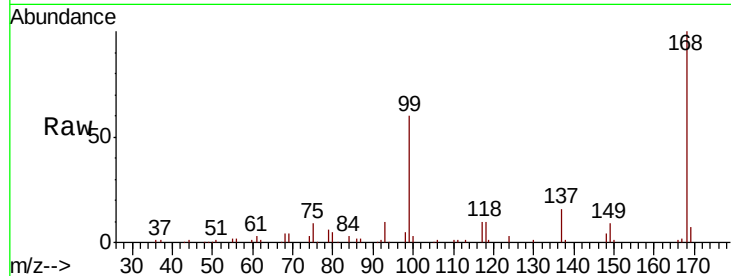
Tot Ion:117 Resp: 14798

Ion Ratio Lower Upper

117 100

119 5.9 75.8 113.6#

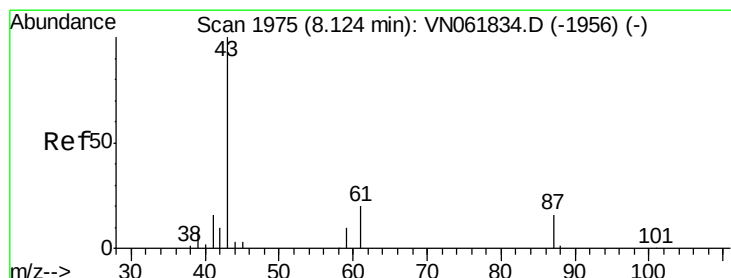
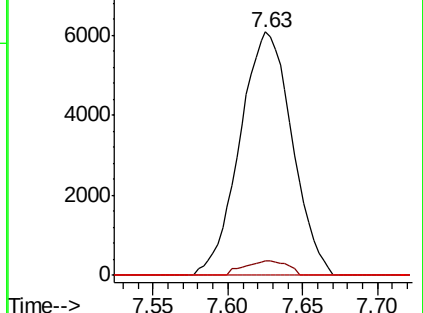
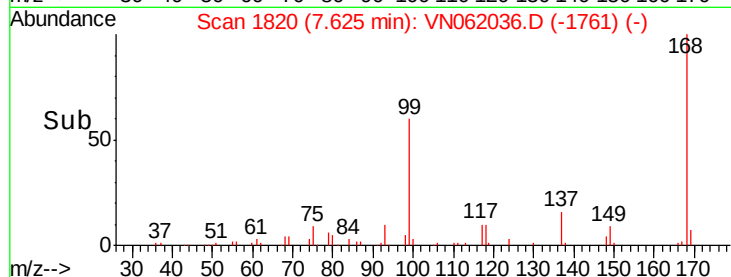
121 0.0 23.8 35.6#



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



#43

Isopropyl Acetate

Concen: 6.544 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062036.D

Acq: 23 Jun 2020 7:11

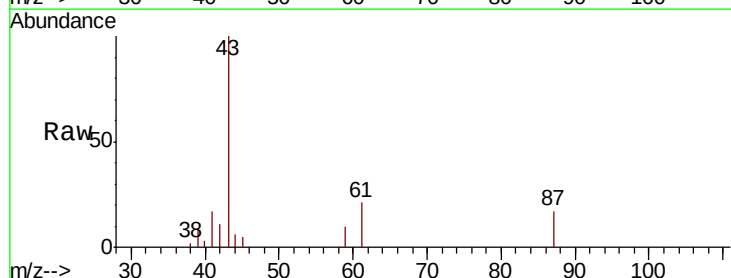
Tgt Ion: 43 Resp: 21475

Ion Ratio Lower Upper

43 100

61 21.1 24.0 36.0#

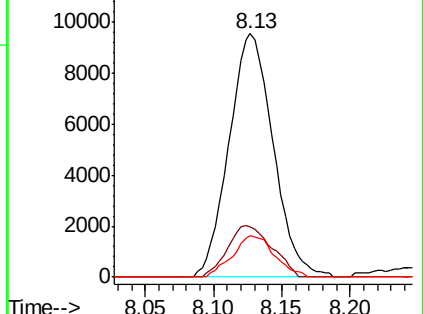
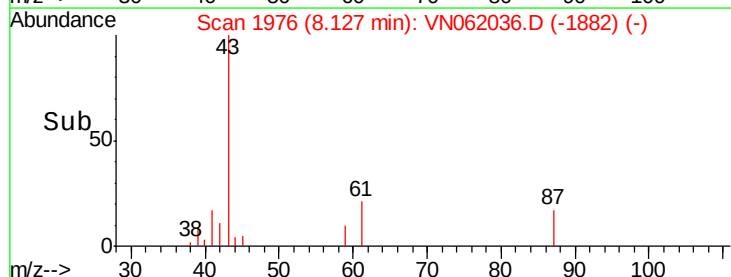
87 16.1 12.5 18.7

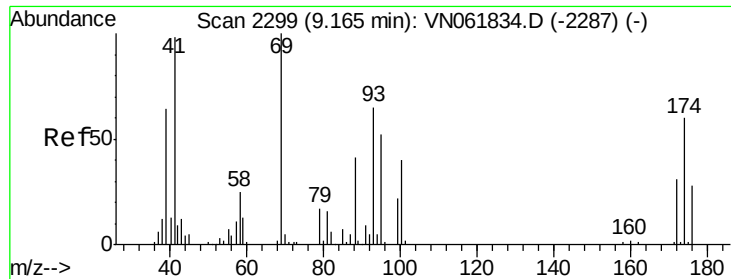


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

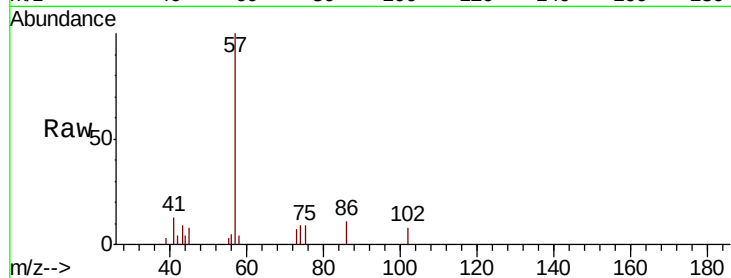




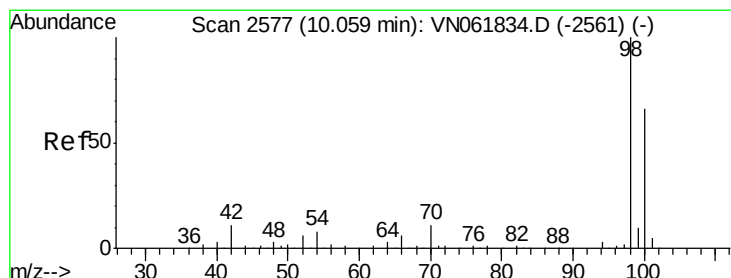
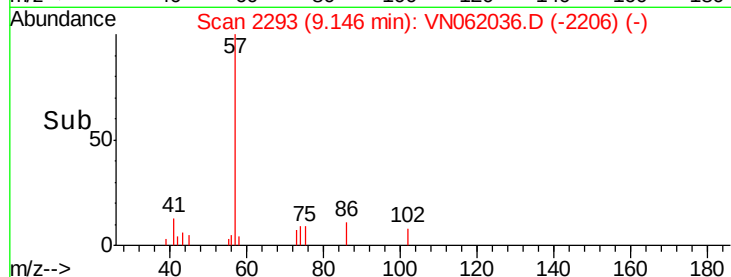
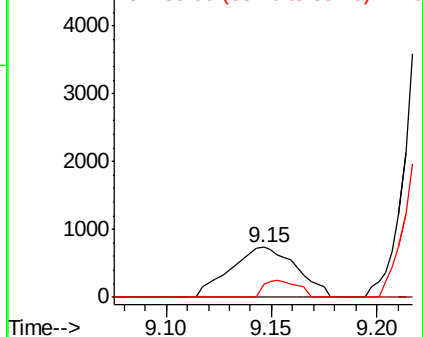
#48
Methvl methacrylate
Concen: 1.079 ug/l
RT: 9.15 min Scan# 2293
Delta R.T. -0.02 min
Lab File: VN062036.D
Acq: 23 Jun 2020 7:11

Instrument :
MSVOA_N
ClientSampleId :
JFK-WC-S-SB-01

Tot Ion: 41 Resp: 1610
Ion Ratio Lower Upper
41 100
69 0.0 83.0 124.4#
39 0.0 55.1 82.7#

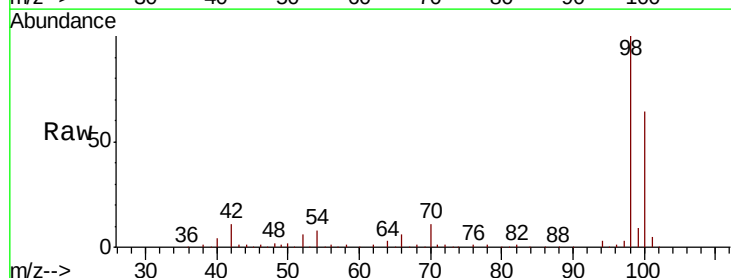


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

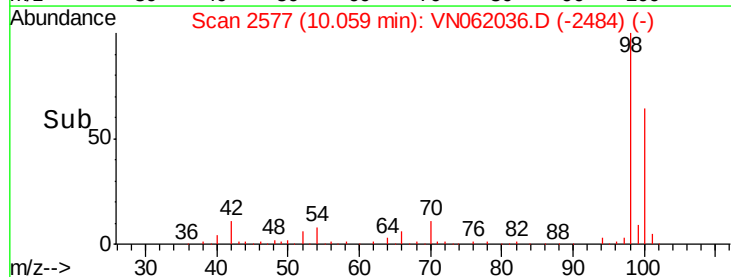
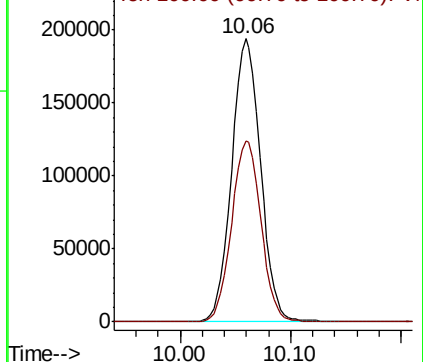


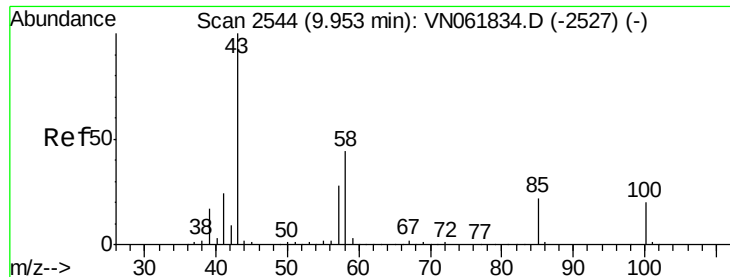
#50
Toluene-d8
Concen: 51.280 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062036.D
Acq: 23 Jun 2020 7:11

Tgt Ion: 98 Resp: 352587
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.805 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062036.D

Acq: 23 Jun 2020 7:11

Instrument :

MSVOA_N

ClientSampleId :

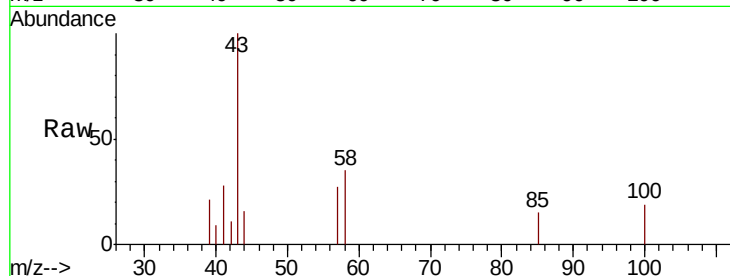
JFK-WC-S-SB-01

Tot Ion: 43 Resp: 3500

Ion Ratio Lower Upper

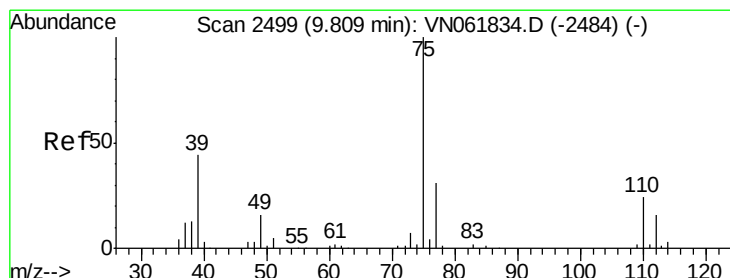
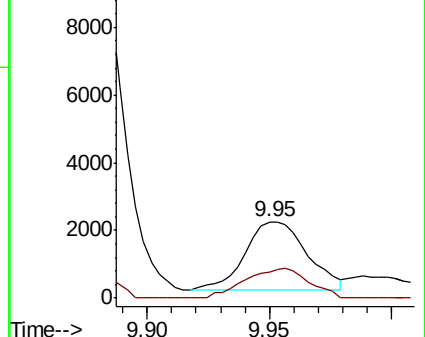
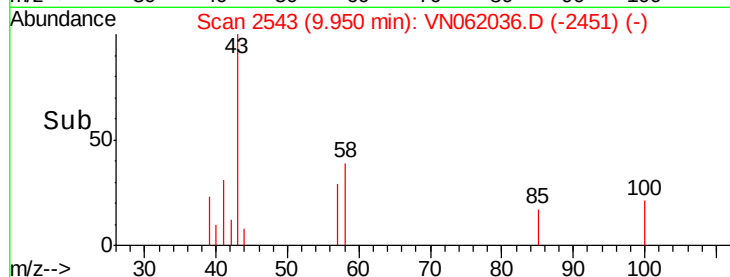
43 100

58 45.8 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)



#54

cis-1,3-Dichloropropene

Concen: 3.930 ug/l

RT: 9.87 min Scan# 2519

Delta R.T. 0.06 min

Lab File: VN062036.D

Acq: 23 Jun 2020 7:11

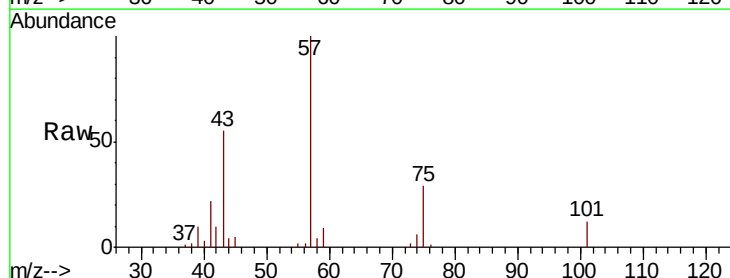
Tgt Ion: 75 Resp: 12129

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

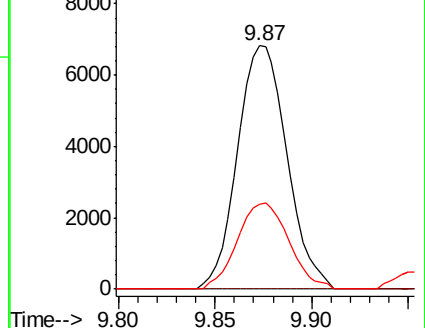
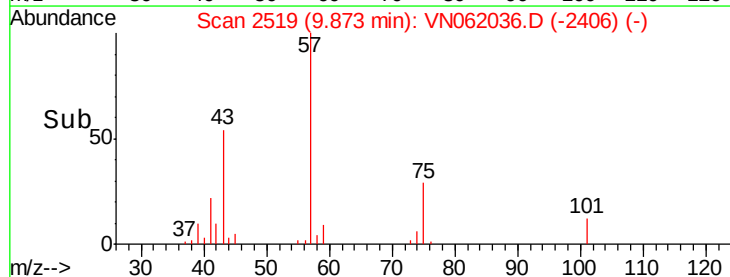
39 35.0 35.4 53.0#

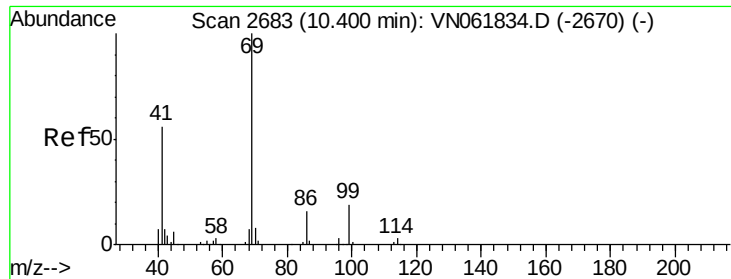


Abundance Ion 74.90 (74.60 to 75.60): VN062036.D (-2406) (-)

Ion 76.90 (76.60 to 77.60): VN062036.D (-2406) (-)

Ion 39.00 (38.70 to 39.70): VN062036.D (-2406) (-)





#56

Ethyl methacrylate

Concen: 3.122 ug/l

RT: 10.51 min Scan# 2718

Delta R.T. 0.11 min

Lab File: VN062036.D

Acq: 23 Jun 2020 7:11

Instrument :

MSVOA_N

ClientSampleId :

JFK-WC-S-SB-01

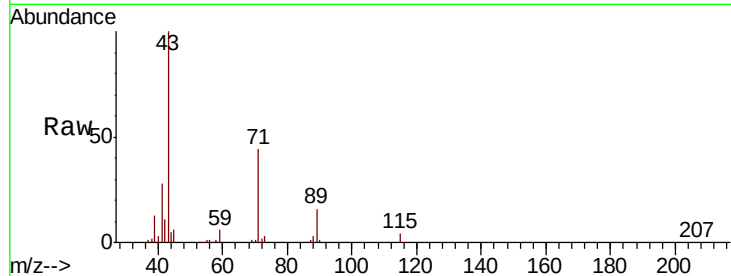
Tot Ion: 69 Resp: 665

Ion Ratio Lower Upper

69 100

41 4571.9 44.9 67.3#

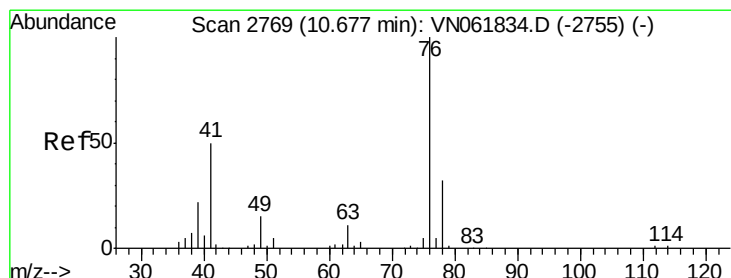
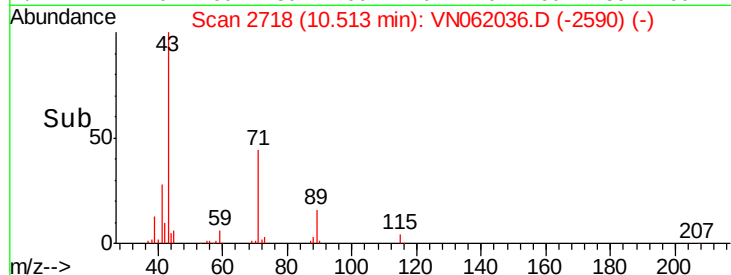
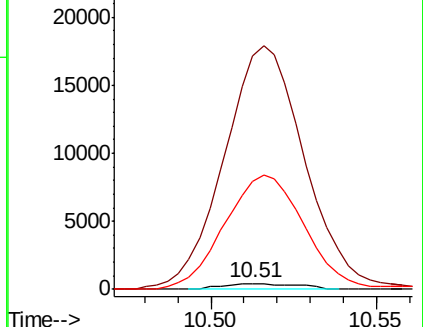
39 2135.9 30.0 45.0#



Abundance Ion 69.00 (68.70 to 69.70): VN061834.D (-2670) (-)

Ion 41.00 (40.70 to 41.70): VN061834.D (-2670) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-2670) (-)



#57

1,3-Dichloropropane

Concen: 0.439 ug/l

RT: 10.74 min Scan# 2788

Delta R.T. 0.06 min

Lab File: VN062036.D

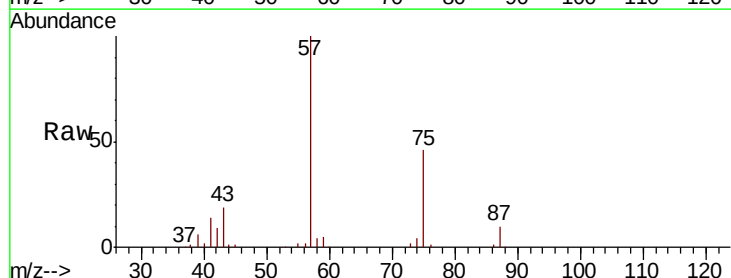
Acq: 23 Jun 2020 7:11

Tgt Ion: 76 Resp: 1388

Ion Ratio Lower Upper

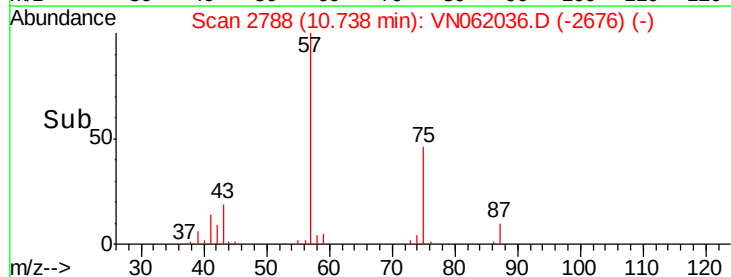
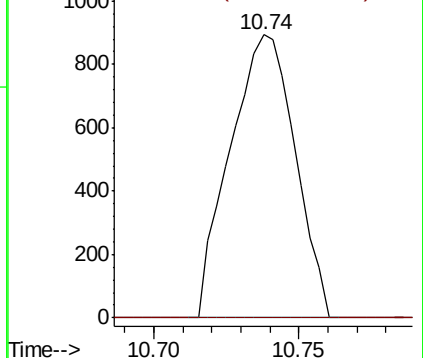
76 100

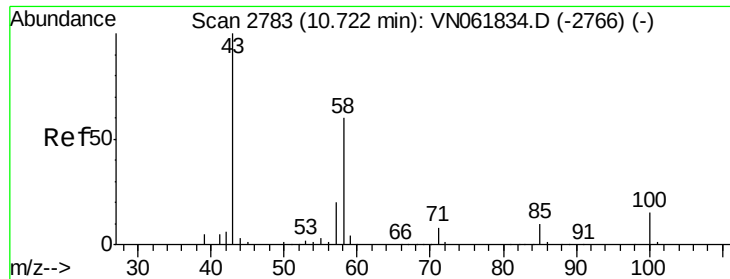
78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN061834.D (-2755) (-)

Ion 77.90 (77.60 to 78.60): VN061834.D (-2755) (-)

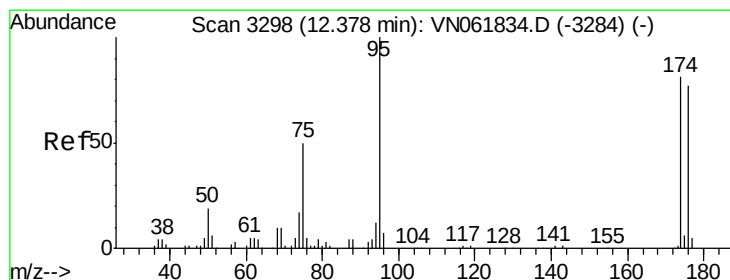
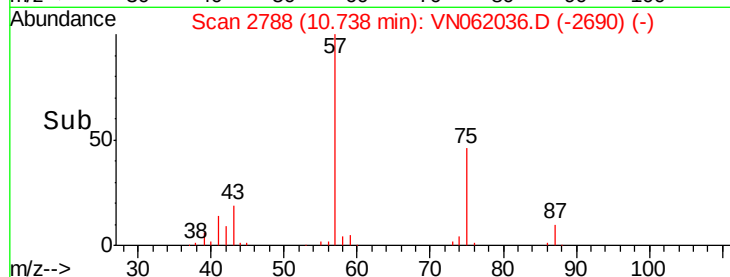
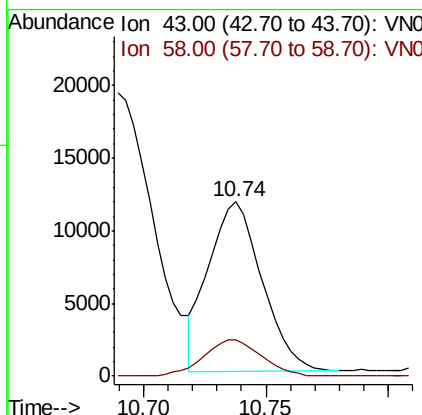
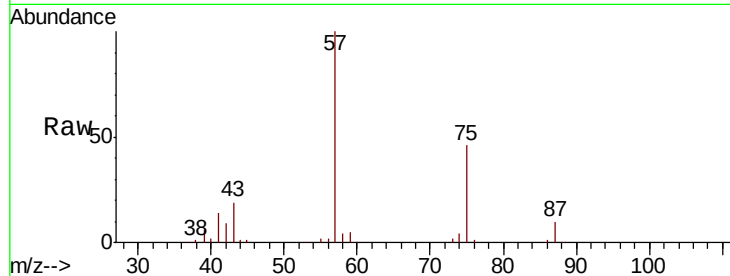




#59
2-Hexanone
Concen: 24.395 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.02 min
Lab File: VN062036.D
Acq: 23 Jun 2020 7:11

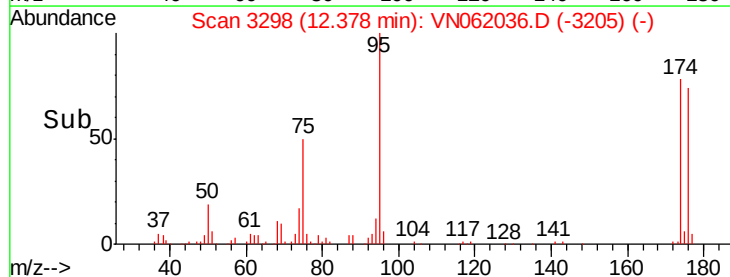
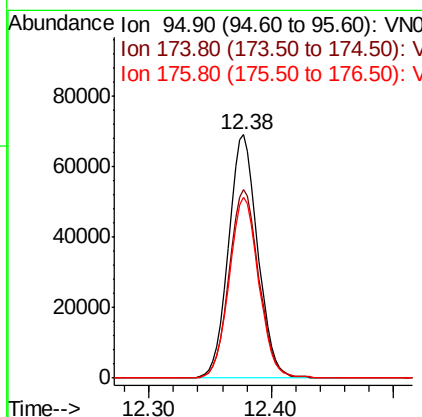
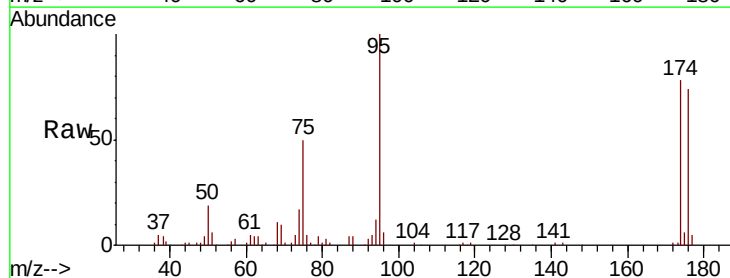
Instrument :
MSVOA_N
ClientSampleId :
JFK-WC-S-SB-01

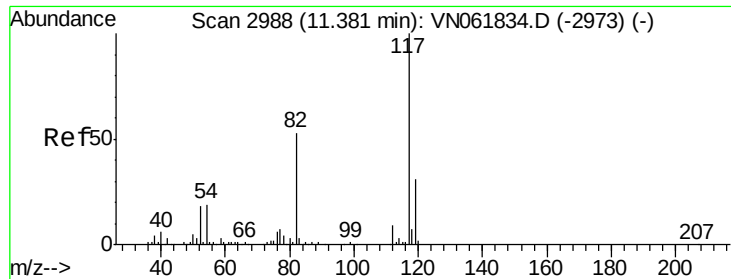
Tot Ion: 43 Resp: 17988
Ion Ratio Lower Upper
43 100
58 22.9 30.1 90.5#



#62
4-Bromofluorobenzene
Concen: 48.959 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062036.D
Acq: 23 Jun 2020 7:11

Tgt Ion: 95 Resp: 115468
Ion Ratio Lower Upper
95 100
174 78.8 0.0 158.6
176 75.1 0.0 152.0

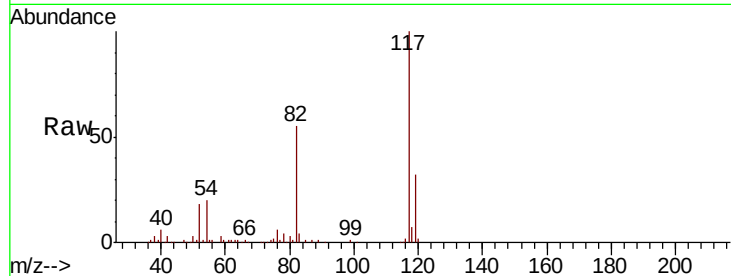




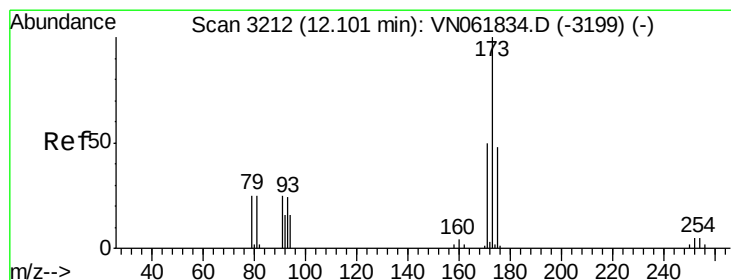
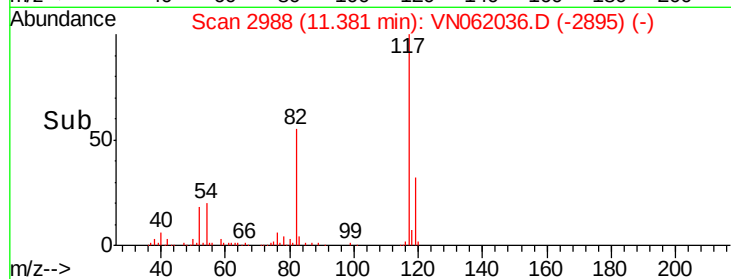
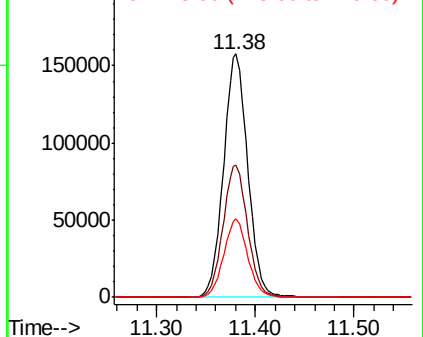
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062036.D
Acq: 23 Jun 2020 7:11

Instrument :
MSVOA_N
ClientSampleId :
JFK-WC-S-SB-01

Tot Ion:117 Resp: 272233
Ion Ratio Lower Upper
117 100
82 54.5 42.6 64.0
119 32.2 24.7 37.1

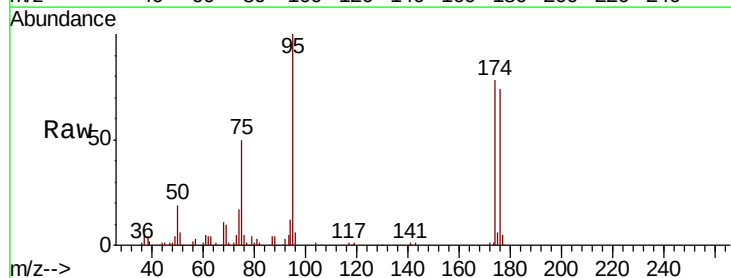


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

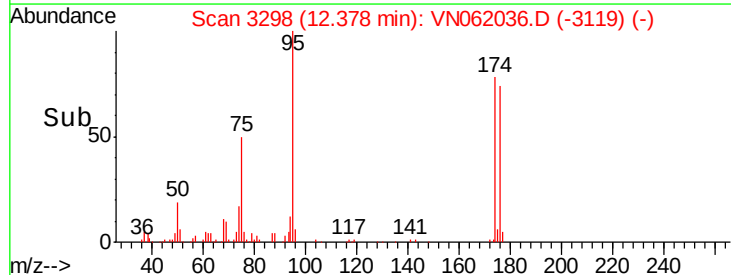
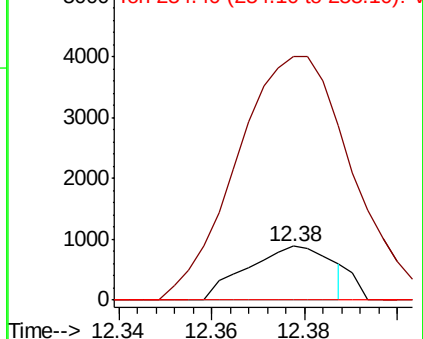


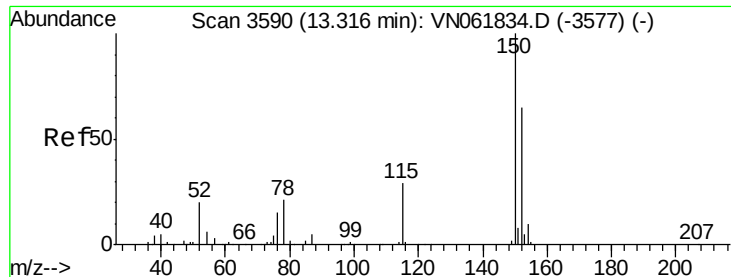
#71
Bromoform
Concen: 0.762 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN062036.D
Acq: 23 Jun 2020 7:11

Tgt Ion:173 Resp: 1113
Ion Ratio Lower Upper
173 100
175 519.0 23.9 71.7#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062036.D

Acq: 23 Jun 2020 7:11

Instrument :

MSVOA_N

ClientSampleId :

JFK-WC-S-SB-01

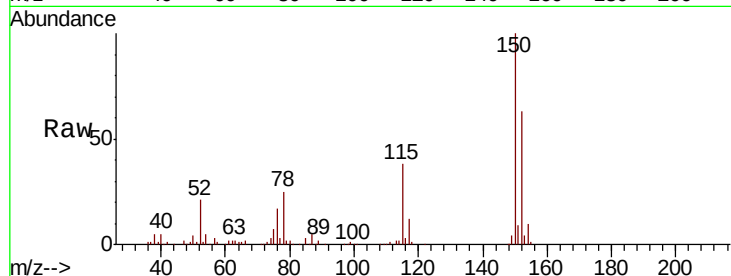
Tot Ion:152 Resp: 101782

Ion Ratio Lower Upper

152 100

115 59.9 29.1 87.3

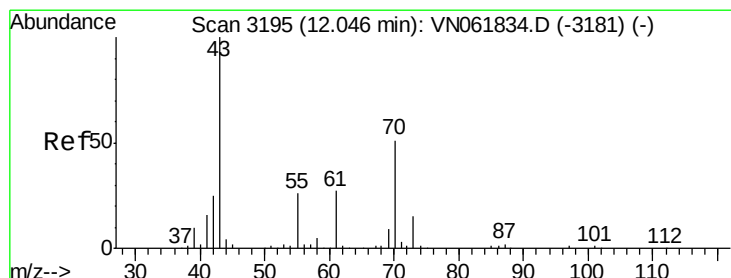
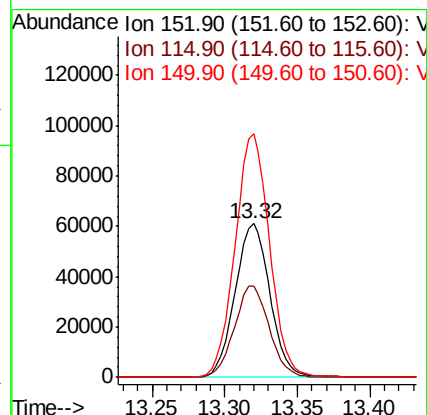
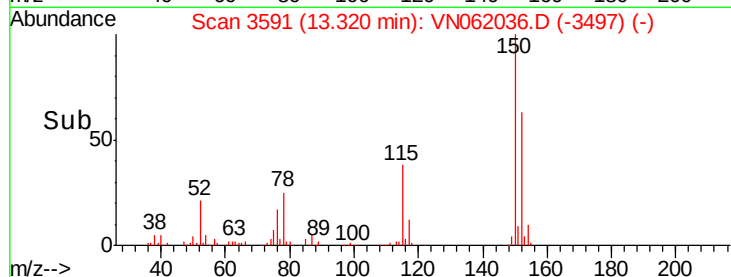
150 157.4 0.0 347.6



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



#74

N-ethyl acetate

Concen: 3.639 ug/l

RT: 12.00 min Scan# 3181

Delta R.T. -0.04 min

Lab File: VN062036.D

Acq: 23 Jun 2020 7:11

Tgt Ion: 43 Resp: 1604

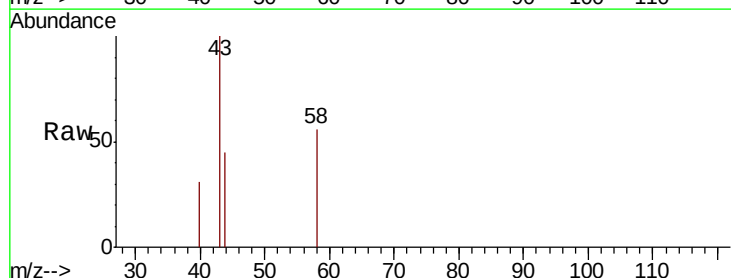
Ion Ratio Lower Upper

43 100

70 0.0 40.6 60.8#

55 0.0 21.5 32.3#

61 0.0 21.6 32.4#

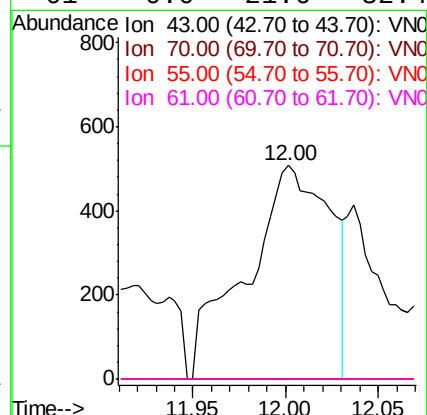
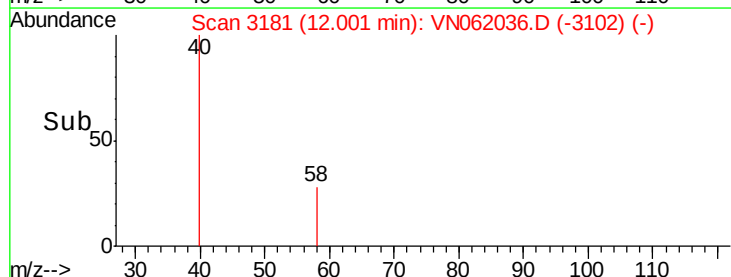


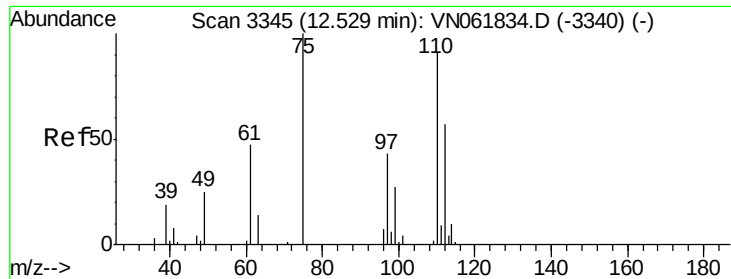
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

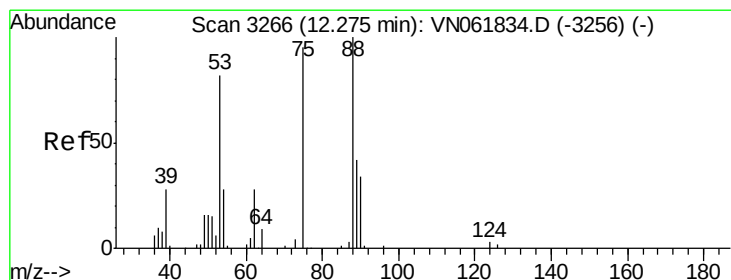
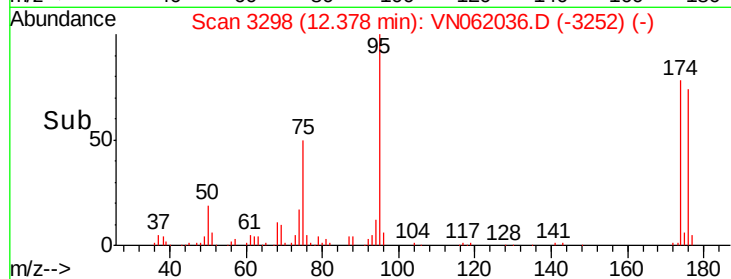
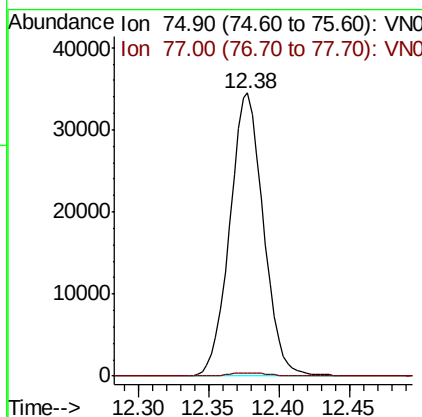
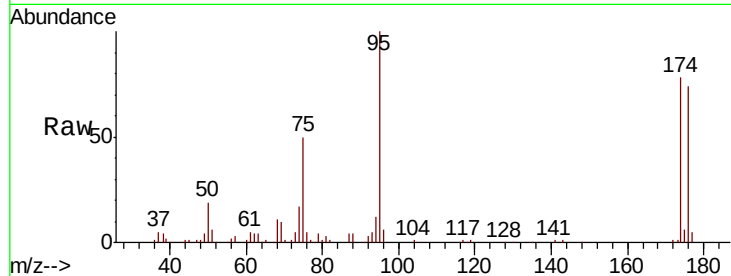




#76
 1,2,3-Trichloropropane
 Concen: 28.789 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062036.D
 Acq: 23 Jun 2020 7:11

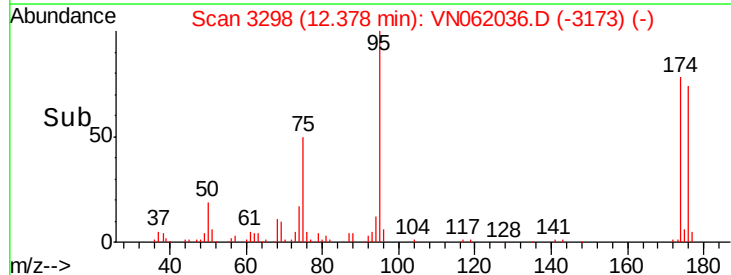
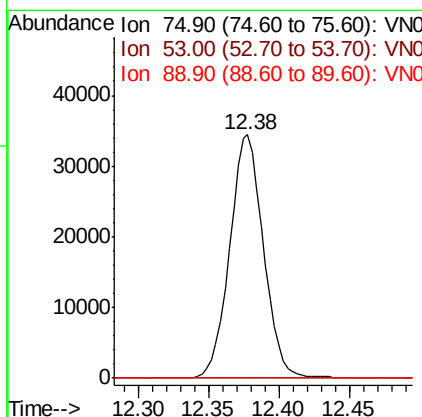
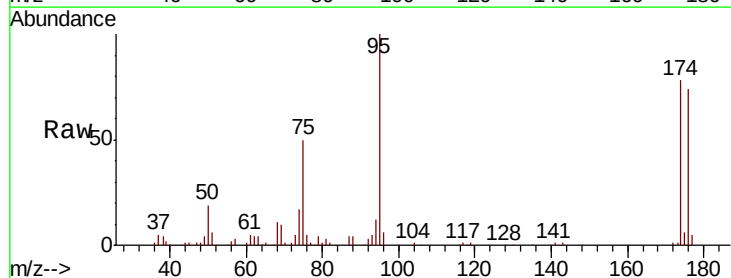
Instrument :
 MSVOA_N
 ClientSampleId :
 JFK-WC-S-SB-01

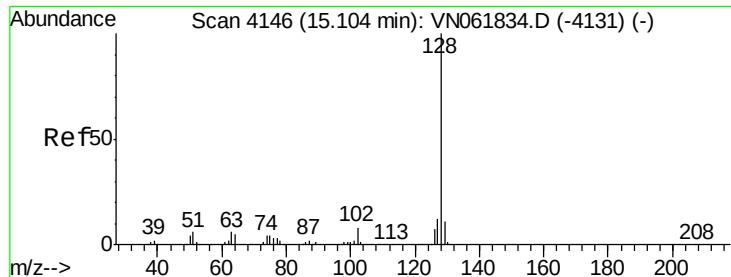
Tot Ion: 75 Resp: 57527
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.519 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062036.D
 Acq: 23 Jun 2020 7:11

Tgt Ion: 75 Resp: 57527
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.4 105.6#
 89 0.0 36.0 54.0#





#95
Naphthalene
Concen: 3.521 ug/l
RT: 15.11 min Scan# 4149
Delta R.T. 0.01 min
Lab File: VN062036.D
Acq: 23 Jun 2020 7:11

Instrument :
MSVOA_N
ClientSampleId :
JFK-WC-S-SB-01

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

