

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062021.D
 Acq On : 23 Jun 2020 1:09
 Operator : JC/MD
 Sample : L3080-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JFK-GW-01-15

Quant Time: Jun 23 05:23:58 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

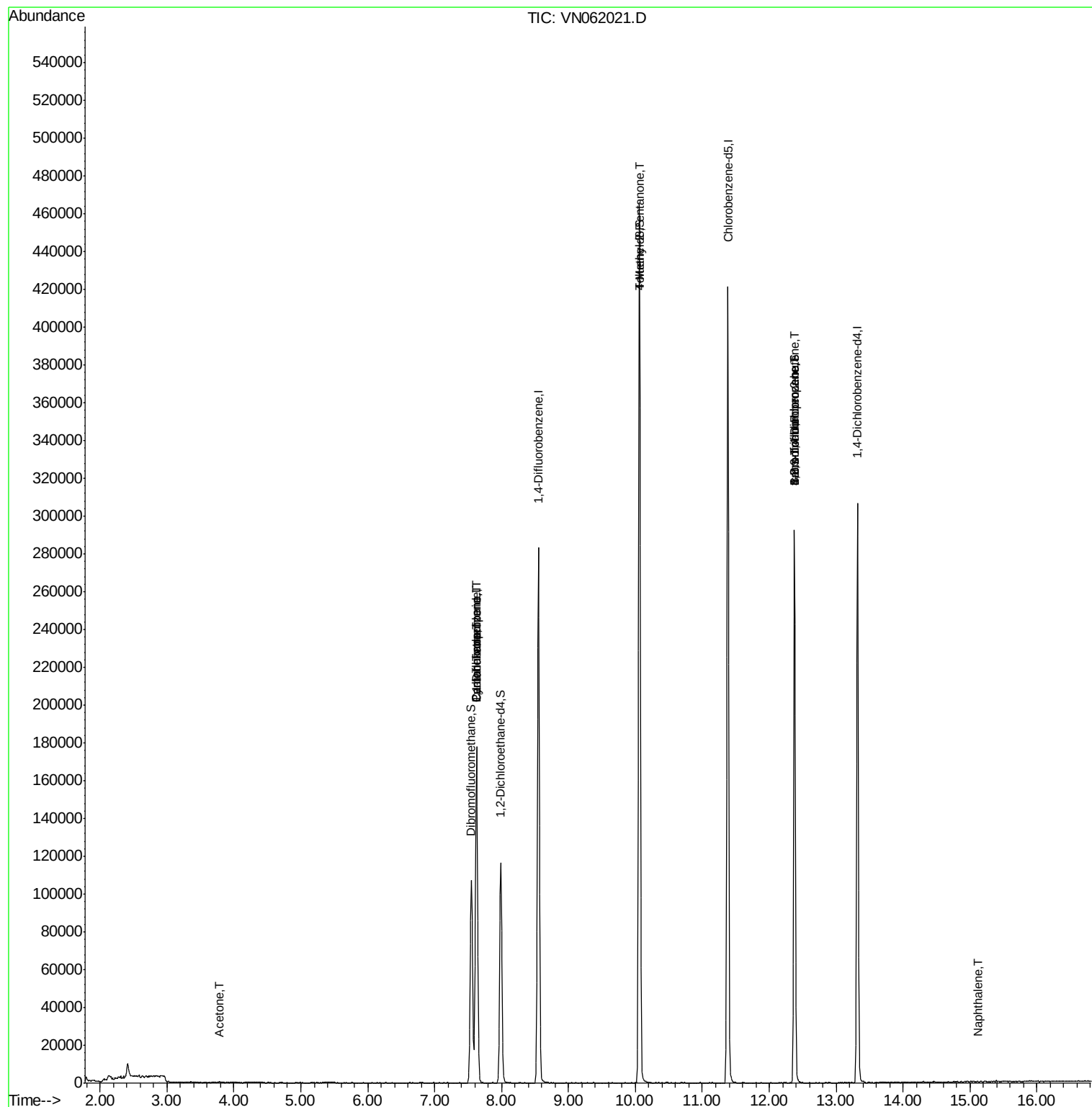
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	141624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	260165	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	248725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	85390	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	98587	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
35) Dibromofluoromethane	7.55	113	85001	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
50) Toluene-d8	10.06	98	325982	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.38	95	102637	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
Target Compounds						
					Qvalue	
16) Acetone	3.79	43	1048	1.868	ug/l	91
31) Cyclohexane	7.62	56	3091	1.235	ug/l #	3
36) 1,1-Dichloropropene	7.62	75	11398	4.803	ug/l #	48
38) Carbon Tetrachloride	7.63	117	14240	6.060	ug/l #	18
51) 4-Methyl-2-Pentanone	10.06	43	1203	0.652	ug/l #	1
71) Bromoform	12.37	173	786	0.589	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	51936	30.980	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	51936	84.496	ug/l #	14
95) Naphthalene	15.11	128	353	3.560	ug/l #	69

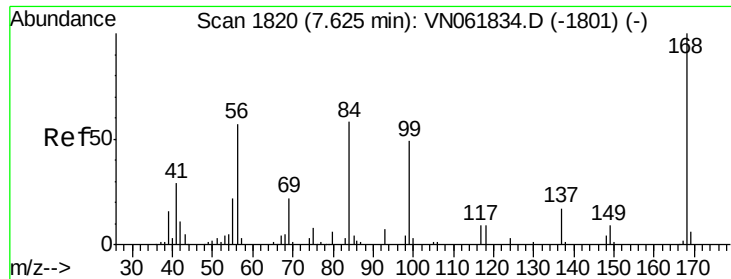
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062021.D

Acq: 23 Jun 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

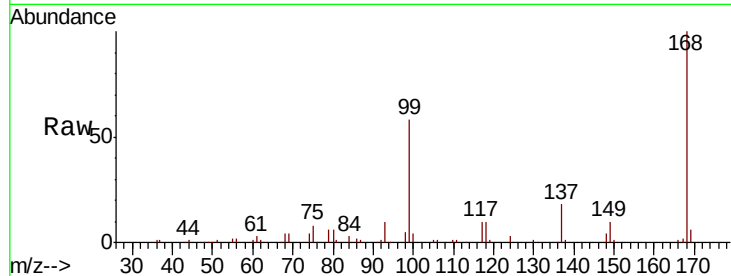
JFK-GW-01-15

Tot Ion:168 Resp: 141624

Ion Ratio Lower Upper

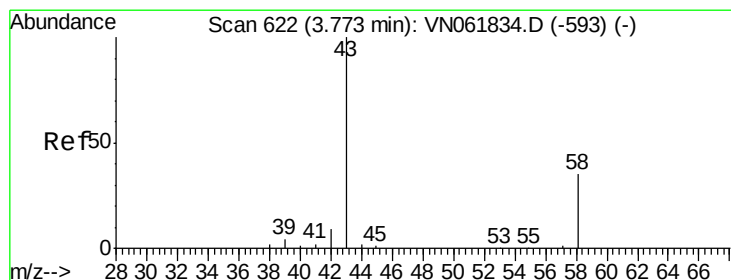
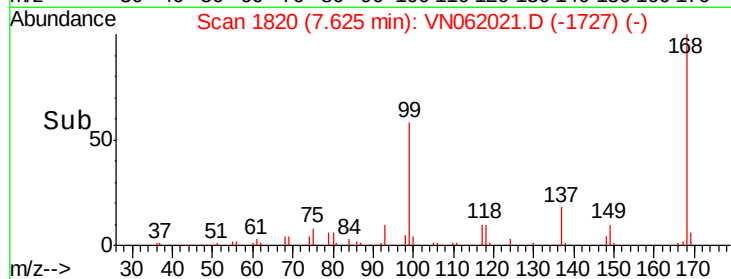
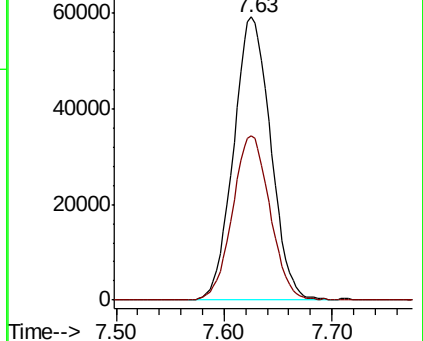
168 100

99 58.1 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 1.868 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062021.D

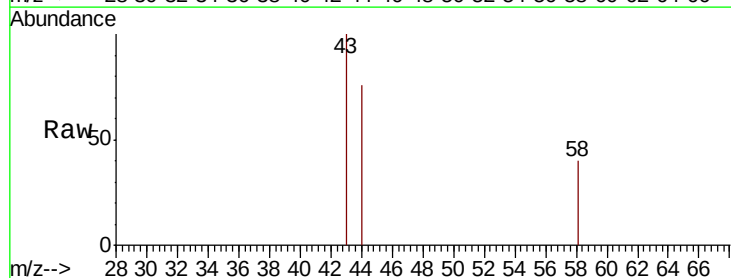
Acq: 23 Jun 2020 1:09

Tgt Ion: 43 Resp: 1048

Ion Ratio Lower Upper

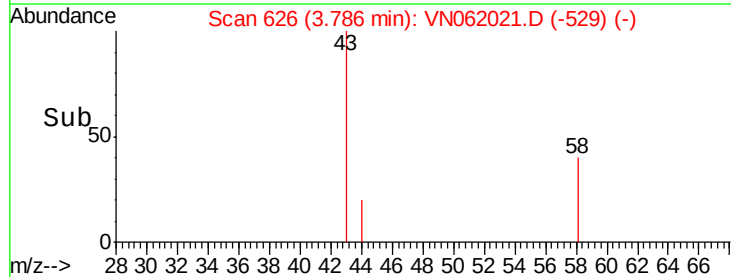
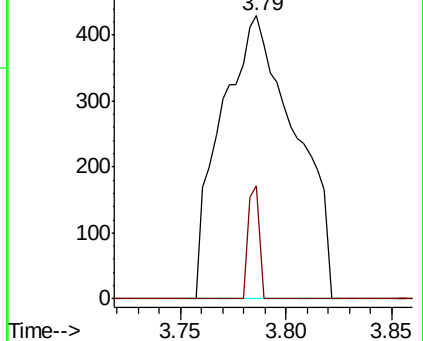
43 100

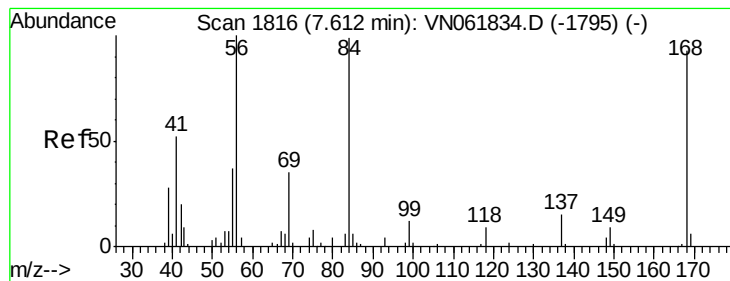
58 40.1 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#31

Cyclohexane

Concen: 1.235 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VN062021.D

Acq: 23 Jun 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

JFK-GW-01-15

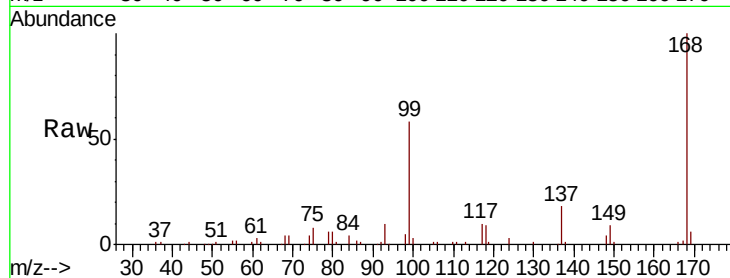
Tot Ion: 56 Resp: 3091

Ion Ratio Lower Upper

56 100

69 160.8 27.7 41.5#

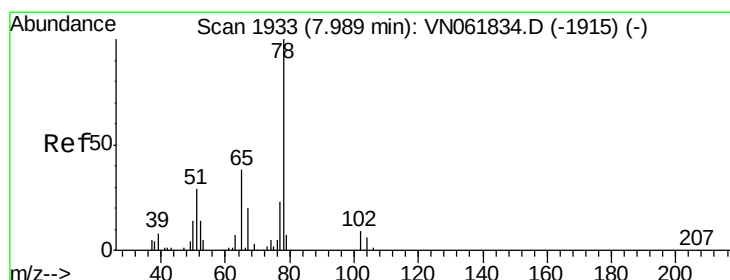
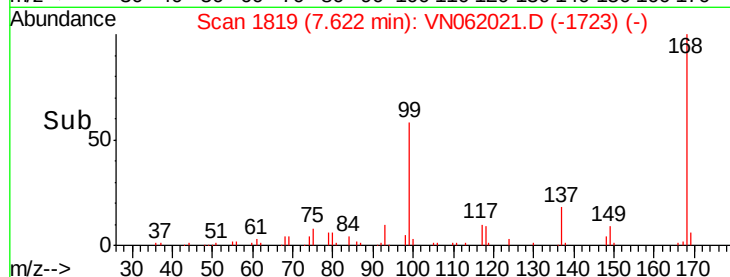
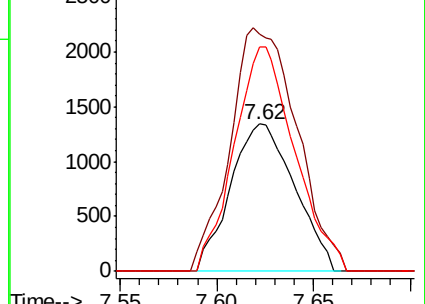
84 152.5 79.1 118.7#



Abundance Ion 56.00 (55.70 to 56.70): VN062021.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062021.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062021.D (-1723) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.905 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062021.D

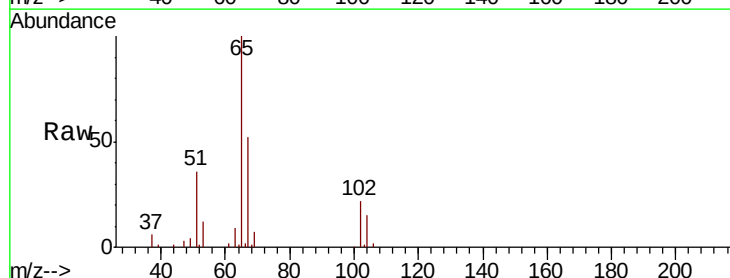
Acq: 23 Jun 2020 1:09

Tgt Ion: 65 Resp: 98587

Ion Ratio Lower Upper

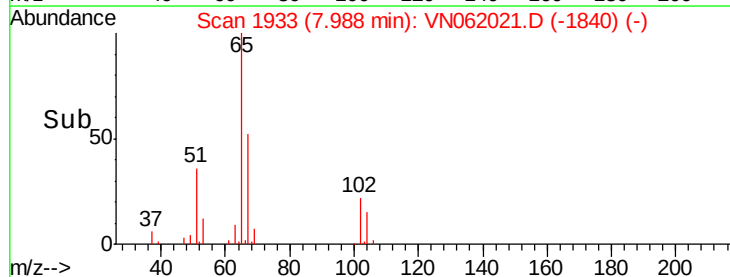
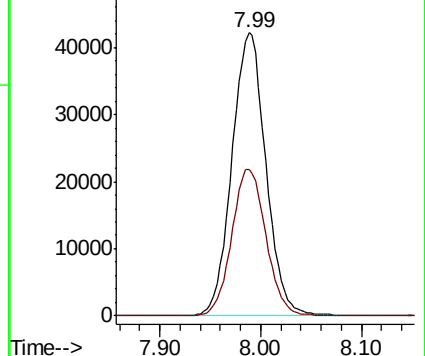
65 100

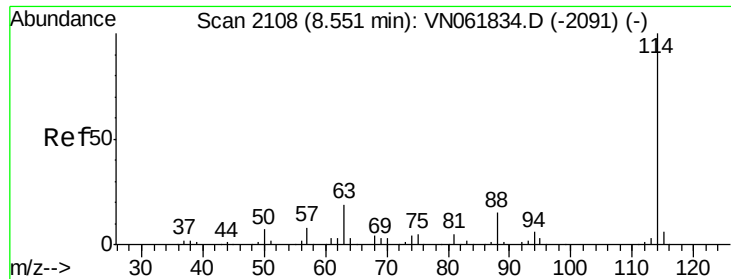
67 52.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062021.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062021.D (-1840) (-)

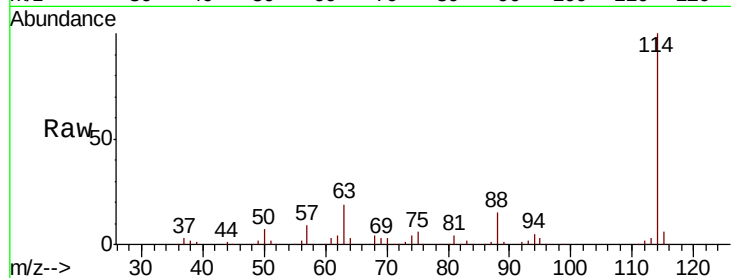




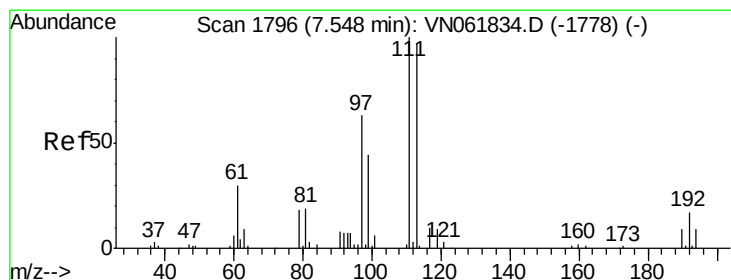
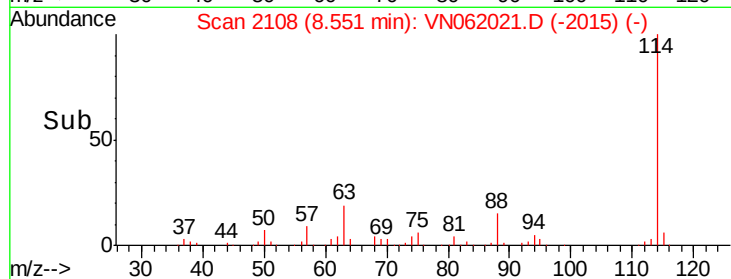
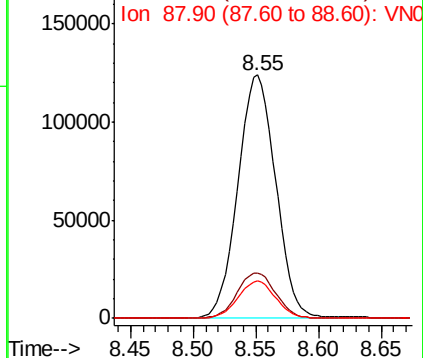
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062021.D
Acq: 23 Jun 2020 1:09

Instrument :
MSVOA_N
ClientSampleId :
JFK-GW-01-15

Tot Ion:114 Resp: 260165
Ion Ratio Lower Upper
114 100
63 18.8 0.0 37.6
88 15.3 0.0 31.0

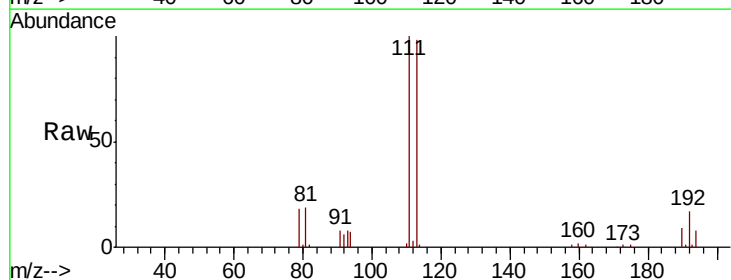


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

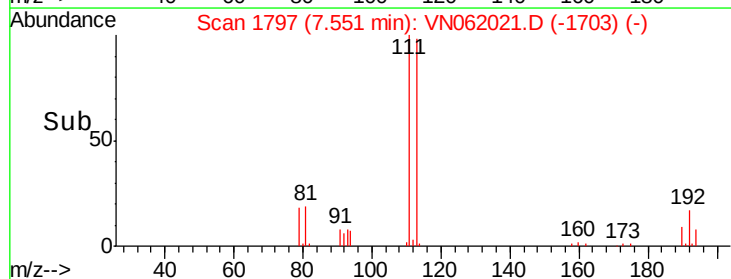
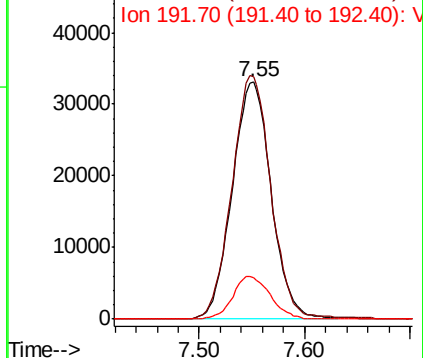


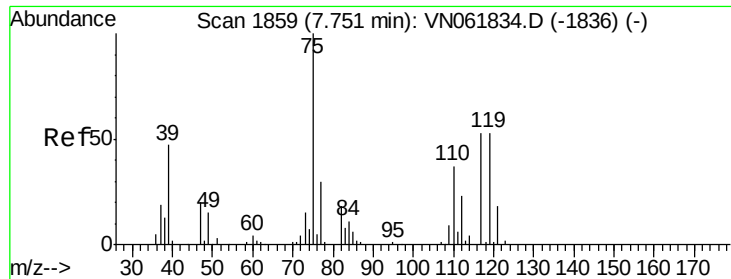
#35
Dibromofluoromethane
Concen: 51.070 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN062021.D
Acq: 23 Jun 2020 1:09

Tgt Ion:113 Resp: 85001
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 17.3 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

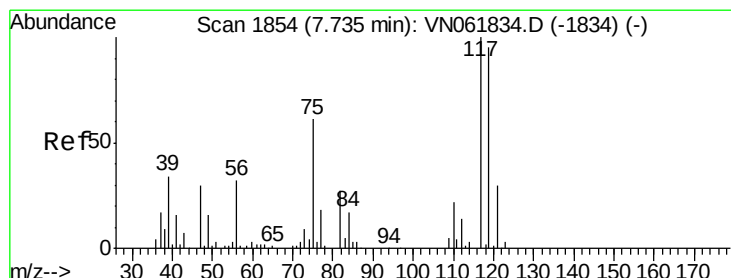
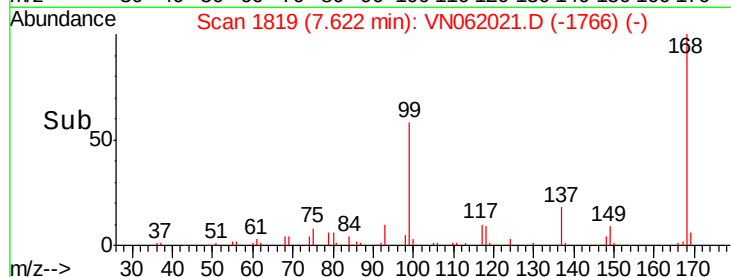
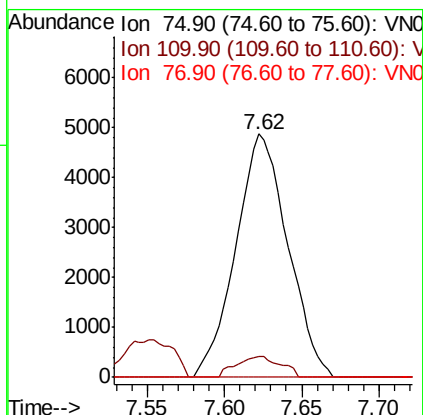
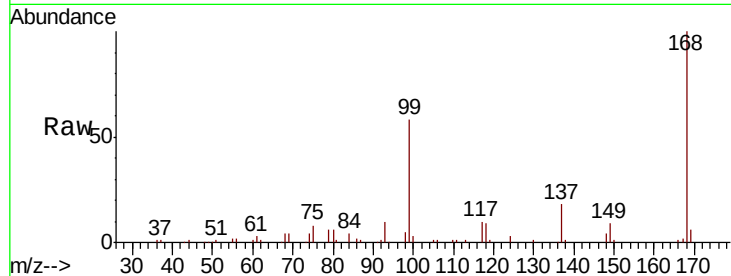




#36
 1,1-Dichloropropene
 Concen: 4.803 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062021.D
 Acq: 23 Jun 2020 1:09

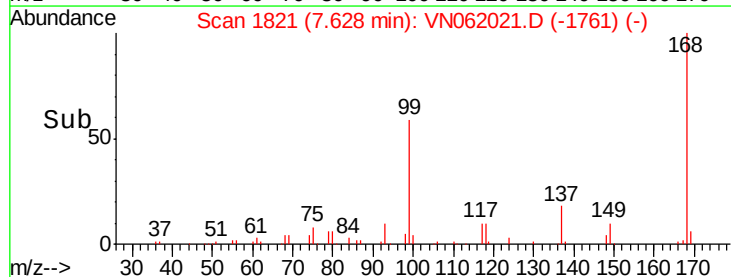
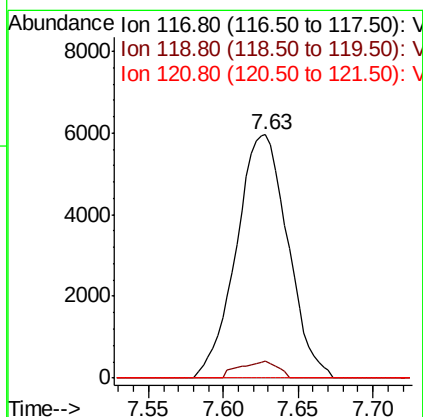
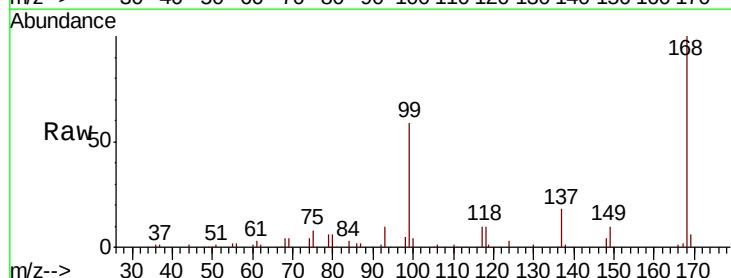
Instrument :
 MSVOA_N
 ClientSampleId :
 JFK-GW-01-15

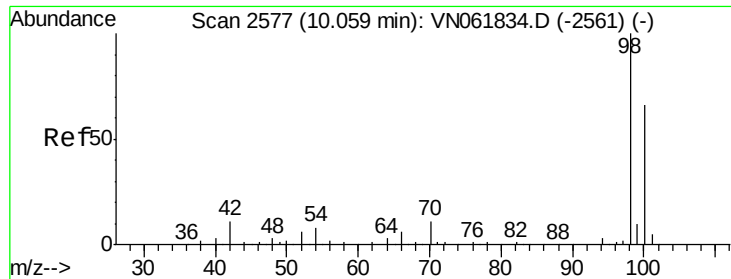
Tot Ion	75	Resp	11398
Ion Ratio	Lower	Upper	
75	100		
110	7.3	18.2	54.6#
77	0.0	24.2	36.4#



#38
 Carbon Tetrachloride
 Concen: 6.060 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.11 min
 Lab File: VN062021.D
 Acq: 23 Jun 2020 1:09

Tgt Ion	117	Resp	14240
Ion Ratio	Lower	Upper	
117	100		
119	6.8	75.8	113.6#
121	0.0	23.8	35.6#





#50

Toluene-d8

Concen: 49.818 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062021.D

Acq: 23 Jun 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

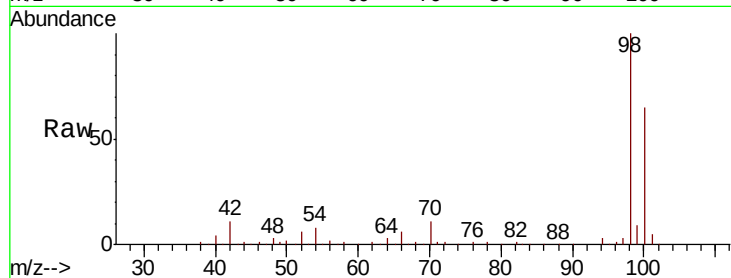
JFK-GW-01-15

Tot Ion: 98 Resp: 325982

Ion Ratio Lower Upper

98 100

100 64.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)

10.06

150000

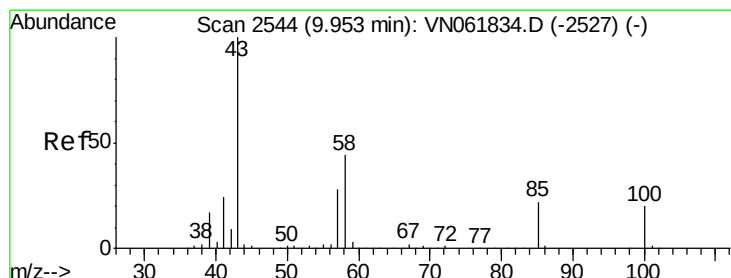
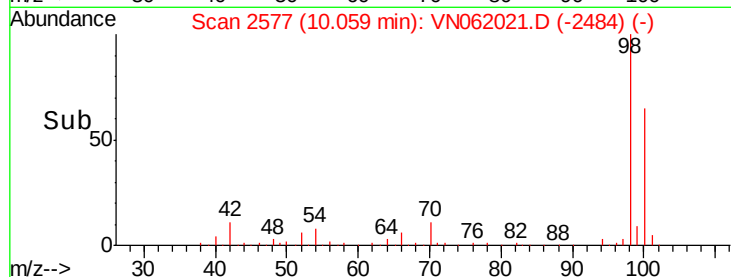
100000

50000

0

10.00 10.10 10.20

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.652 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.11 min

Lab File: VN062021.D

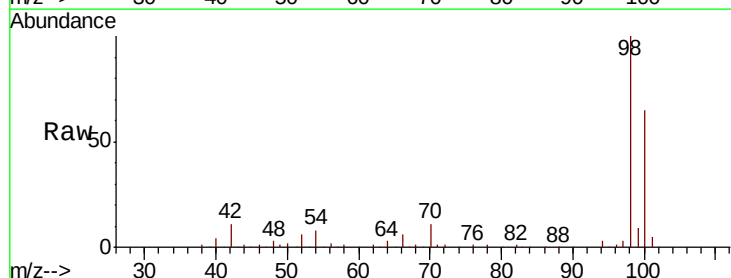
Acq: 23 Jun 2020 1:09

Tgt Ion: 43 Resp: 1203

Ion Ratio Lower Upper

43 100

58 213.6 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) (-)

1500

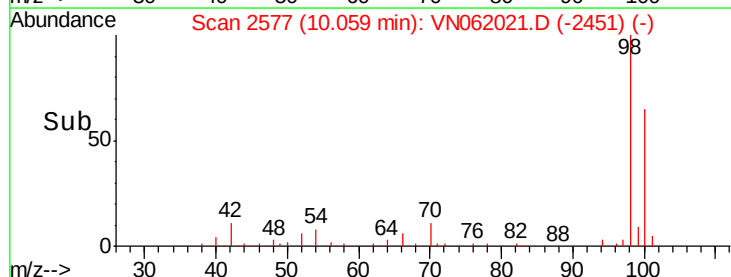
1000

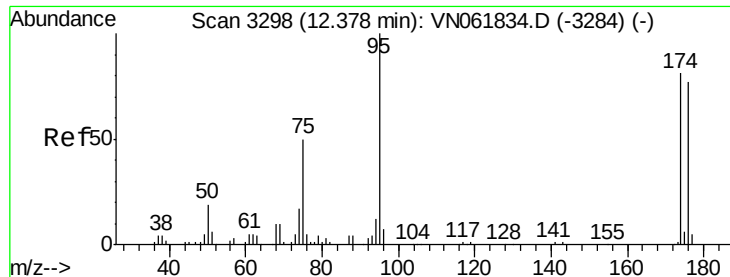
500

0

10.05 10.10

Time-->

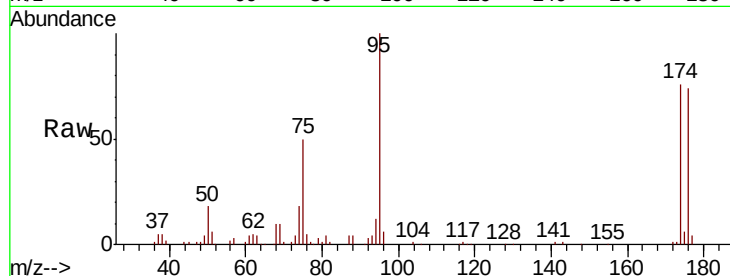




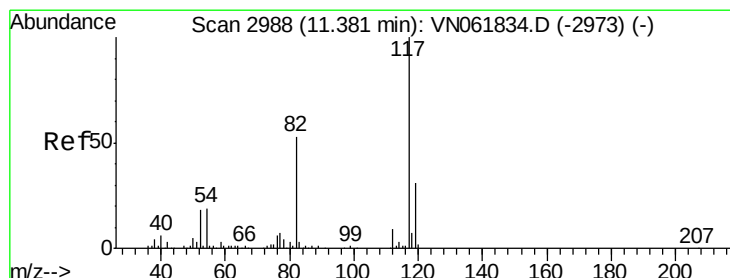
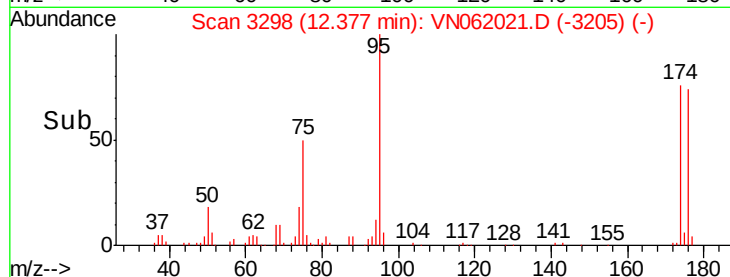
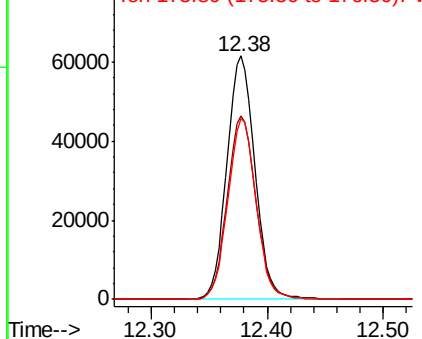
#62
4-Bromofluorobenzene
Concen: 45.728 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062021.D
Acq: 23 Jun 2020 1:09

Instrument :
MSVOA_N
ClientSampleId :
JFK-GW-01-15

Tot Ion: 95 Resp: 102637
Ion Ratio Lower Upper
95 100
174 77.1 0.0 158.6
176 74.4 0.0 152.0

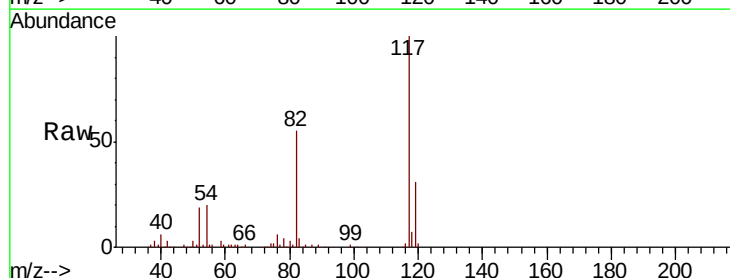


Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)
Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)
Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)

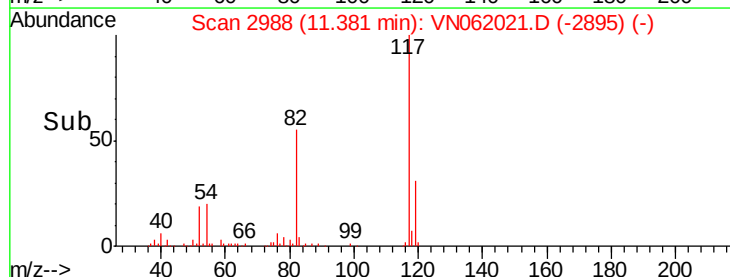
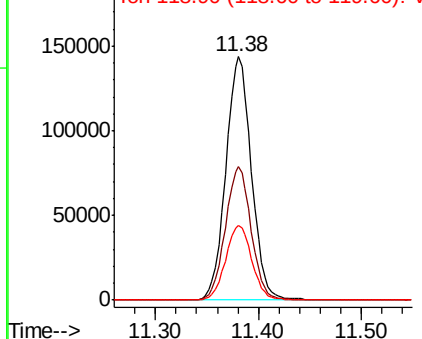


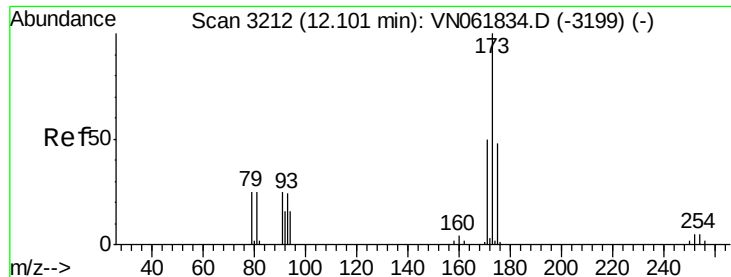
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062021.D
Acq: 23 Jun 2020 1:09

Tgt Ion: 117 Resp: 248725
Ion Ratio Lower Upper
117 100
82 54.7 42.6 64.0
119 30.9 24.7 37.1



Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)
Ion 82.00 (81.70 to 82.70): VN061834.D (-2973) (-)
Ion 118.90 (118.60 to 119.60): VN061834.D (-2973) (-)





#71

Bromoform

Concen: 0.589 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.27 min

Lab File: VN062021.D

Acq: 23 Jun 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

JFK-GW-01-15

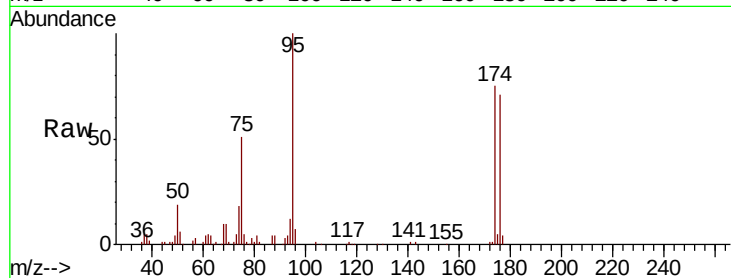
Tot Ion:173 Resp: 786

Ion Ratio Lower Upper

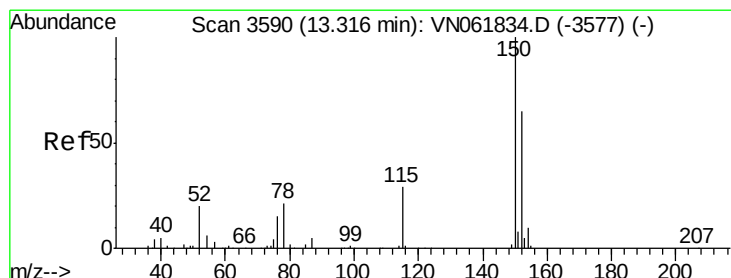
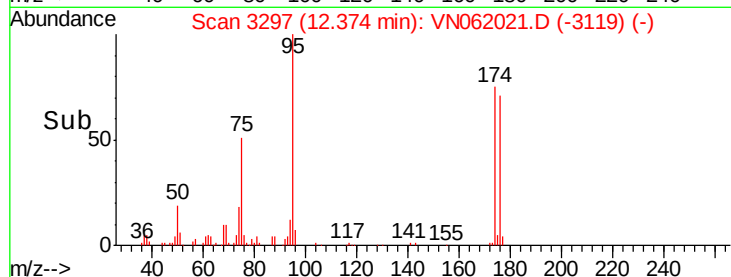
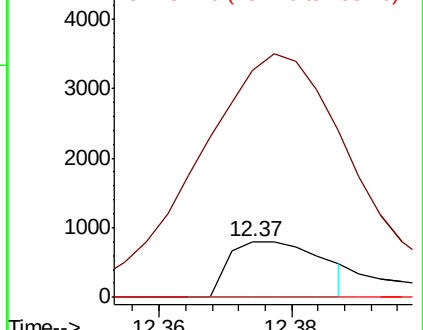
173 100

175 622.5 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: VN062021.D

Acq: 23 Jun 2020 1:09

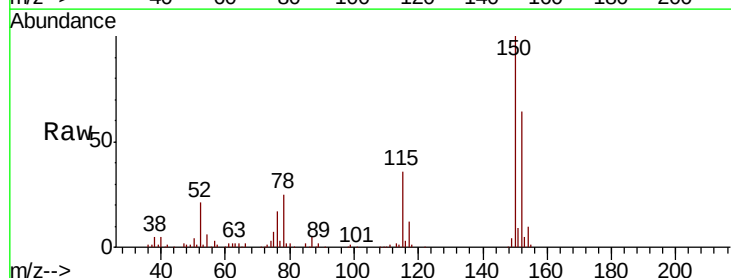
Tgt Ion:152 Resp: 85390

Ion Ratio Lower Upper

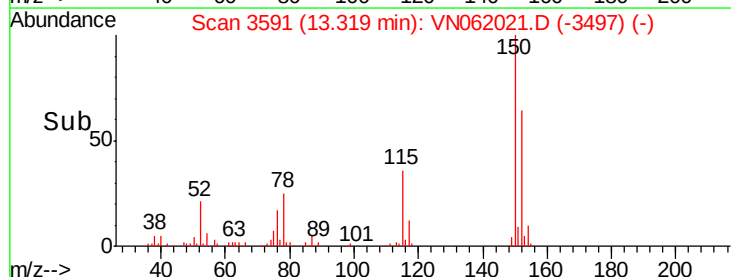
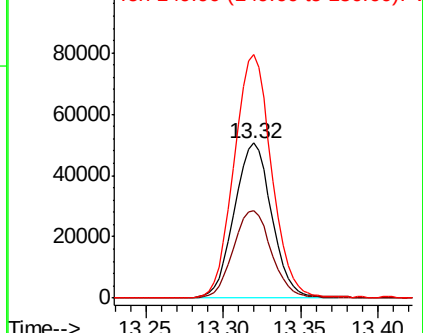
152 100

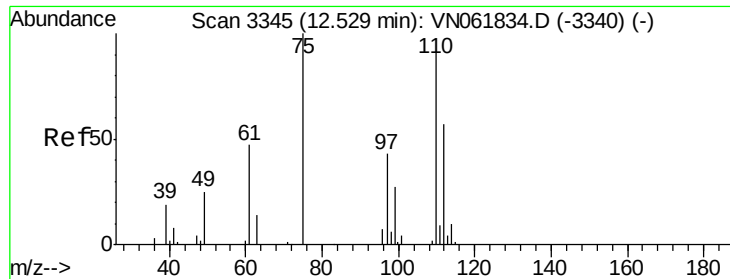
115 57.4 29.1 87.3

150 157.0 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





#76

1,2,3-Trichloropropane

Concen: 30.980 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062021.D

Acq: 23 Jun 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

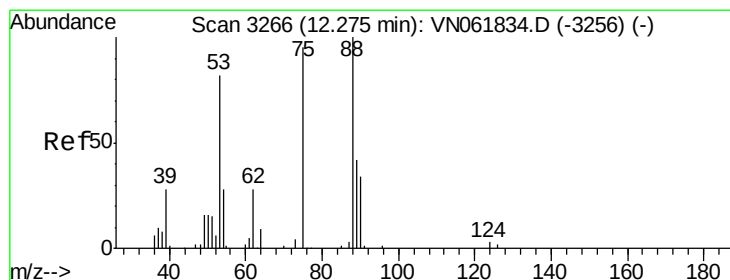
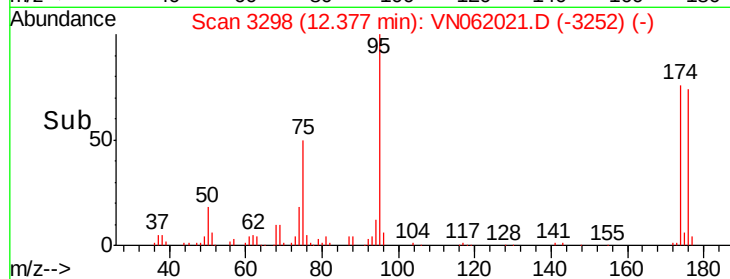
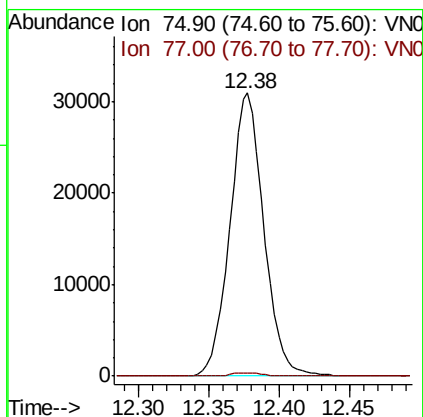
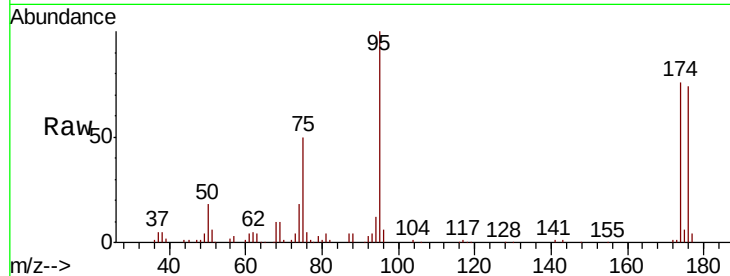
JFK-GW-01-15

Tot Ion: 75 Resp: 51936

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 84.496 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062021.D

Acq: 23 Jun 2020 1:09

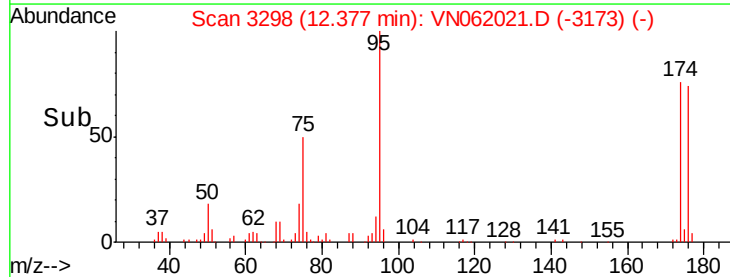
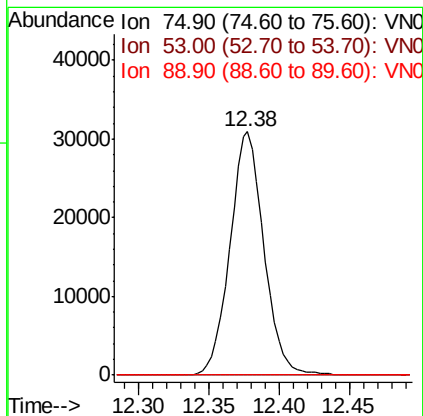
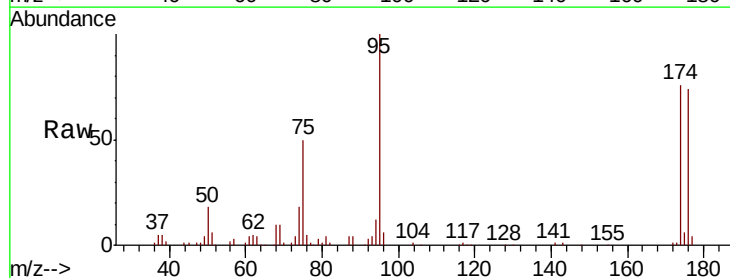
Tgt Ion: 75 Resp: 51936

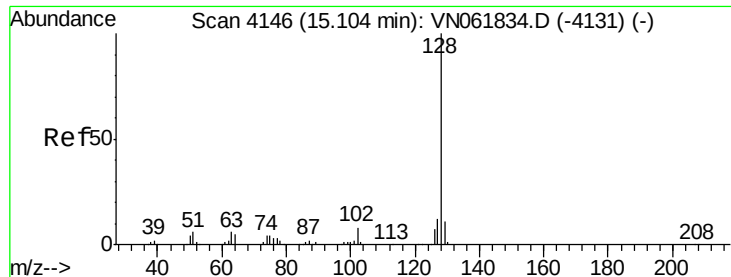
Ion Ratio Lower Upper

75 100

53 0.0 70.4 105.6#

89 0.0 36.0 54.0#





#95
Naphthalene
Concen: 3.560 ug/l
RT: 15.11 min Scan# 4148
Delta R.T. 0.01 min
Lab File: VN062021.D
Acq: 23 Jun 2020 1:09

Instrument :
MSVOA_N
ClientSampleId :
JFK-GW-01-15

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

