

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062020.D
 Acq On : 23 Jun 2020 00:45
 Operator : JC/MD
 Sample : L3080-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JFK-TB061820

Quant Time: Jun 23 05:23:47 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

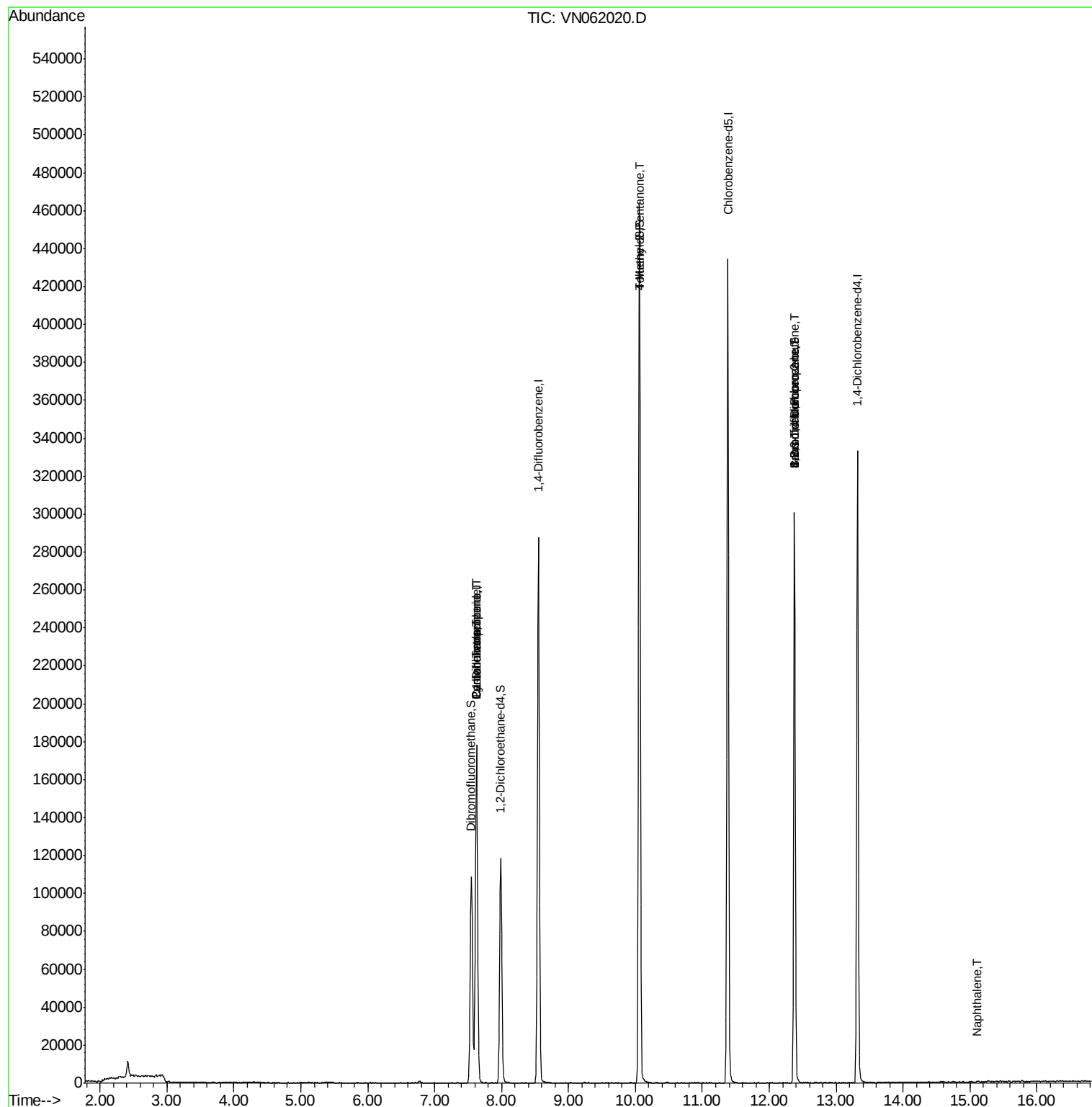
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	141785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	262330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	248894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	90862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	98657	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
35) Dibromofluoromethane	7.55	113	84969	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
50) Toluene-d8	10.06	98	330706	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.38	95	105729	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.63	56	3210	1.281	ug/l #	12
36) 1,1-Dichloropropene	7.63	75	11926	4.984	ug/l #	48
38) Carbon Tetrachloride	7.63	117	14340	6.052	ug/l #	17
51) 4-Methyl-2-Pentanone	10.06	43	1287	0.692	ug/l #	1
71) Bromoform	12.37	173	277	0.207	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	54255	30.415	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	54255	82.953	ug/l #	14
95) Naphthalene	15.11	128	569	3.600	ug/l #	69

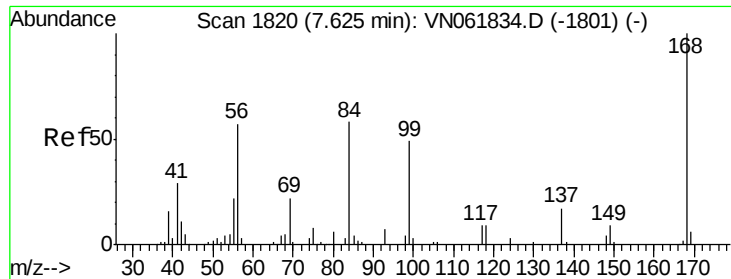
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062220\
Data File : VN062020.D
Acq On : 23 Jun 2020 00:45
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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: VN062020.D

Acq: 23 Jun 2020 00:45

Instrument :

MSVOA_N

ClientSampleId :

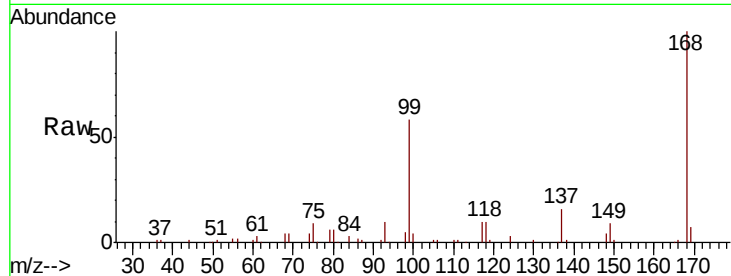
JFK-TB061820

Tot Ion:168 Resp: 141785

Ion Ratio Lower Upper

168 100

99 58.5 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

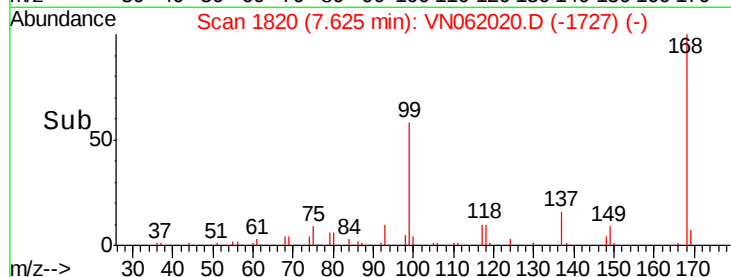
60000

40000

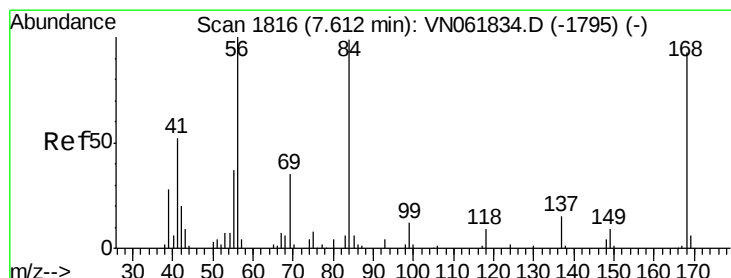
20000

0

7.50 7.60 7.70



Time-->



#31

Cyclohexane

Concen: 1.281 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VN062020.D

Acq: 23 Jun 2020 00:45

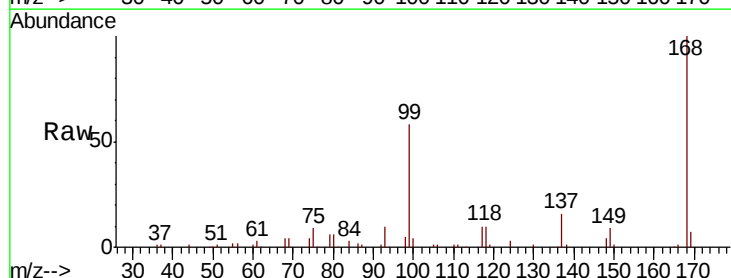
Tgt Ion: 56 Resp: 3210

Ion Ratio Lower Upper

56 100

69 161.1 27.7 41.5#

84 140.7 79.1 118.7#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

7.63

3000

2500

2000

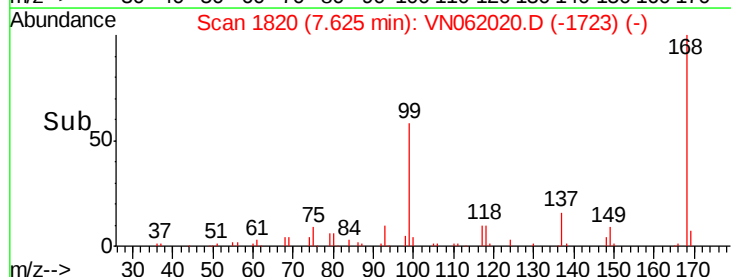
1500

1000

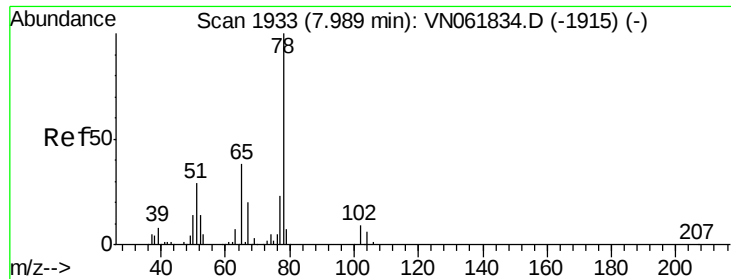
500

0

7.55 7.60 7.65



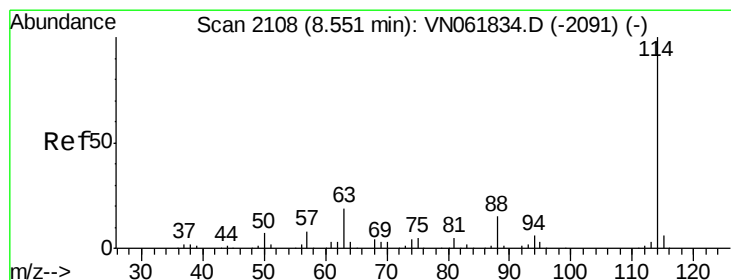
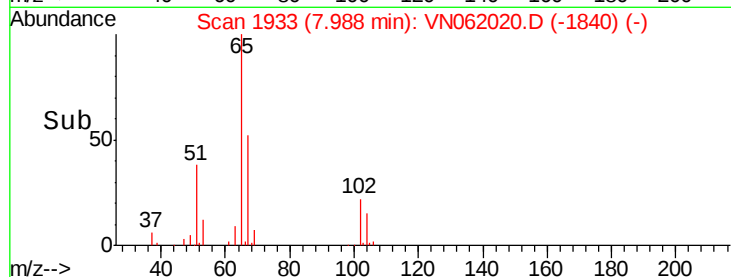
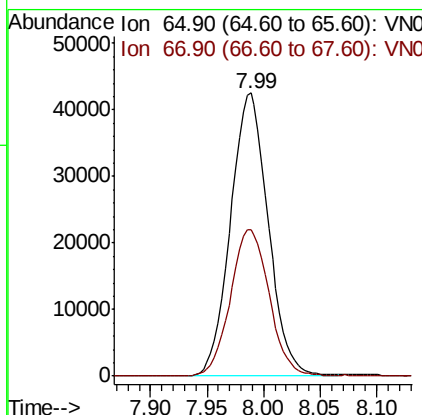
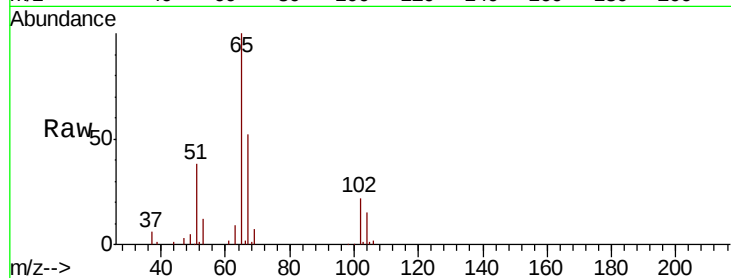
Time-->



#33
 1,2-Dichloroethane-d4
 Concen: 51.883 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062020.D
 Acq: 23 Jun 2020 00:45

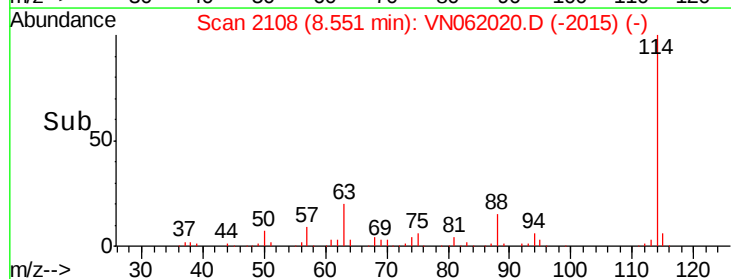
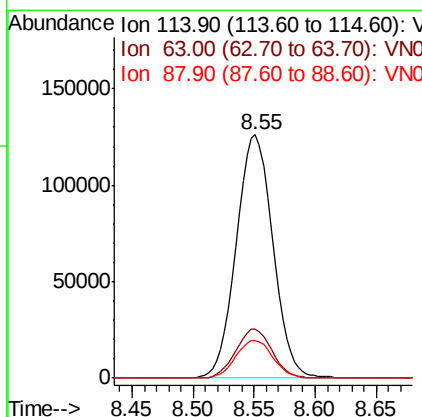
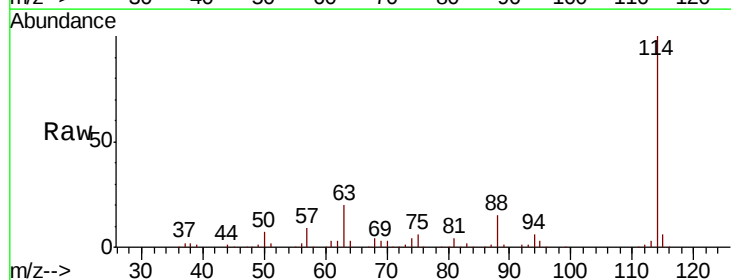
Instrument :
 MSVOA_N
 ClientSampleId :
 JFK-TB061820

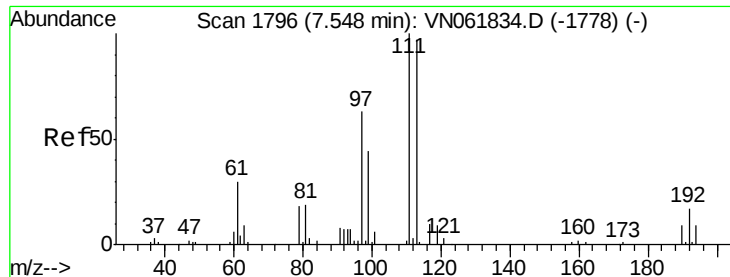
Tot Ion: 65 Resp: 98657
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062020.D
 Acq: 23 Jun 2020 00:45

Tgt Ion: 114 Resp: 262330
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.6
 88 15.4 0.0 31.0

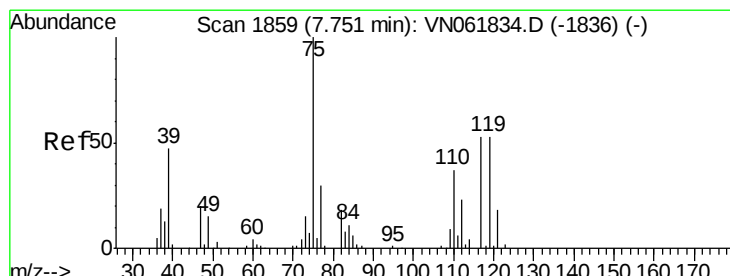
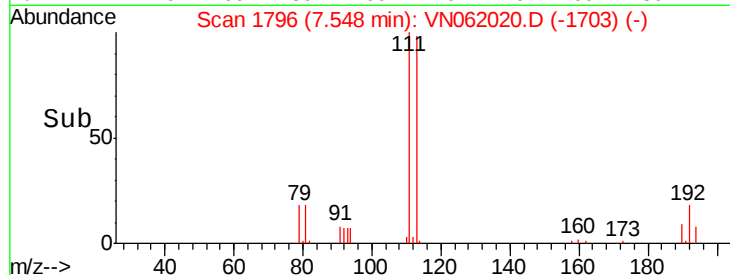
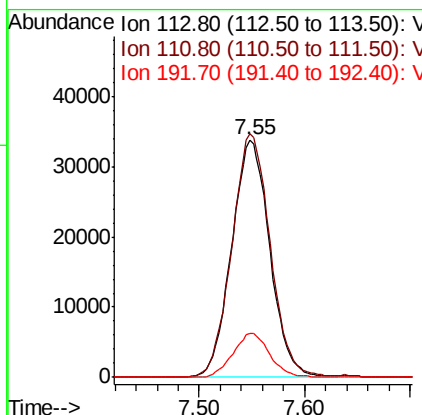
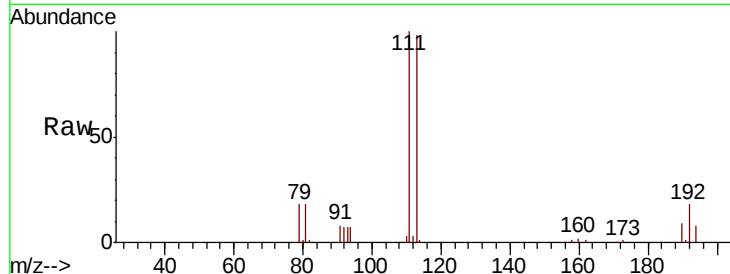




#35
 Dibromofluoromethane
 Concen: 50.630 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062020.D
 Acq: 23 Jun 2020 00:45

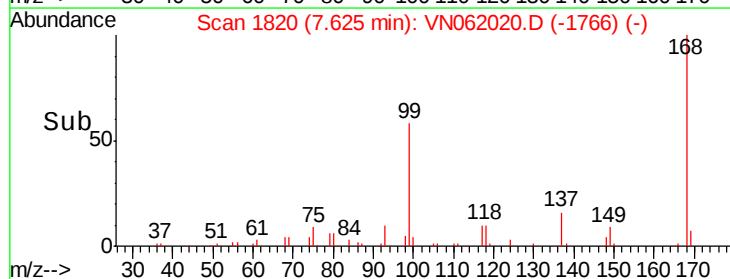
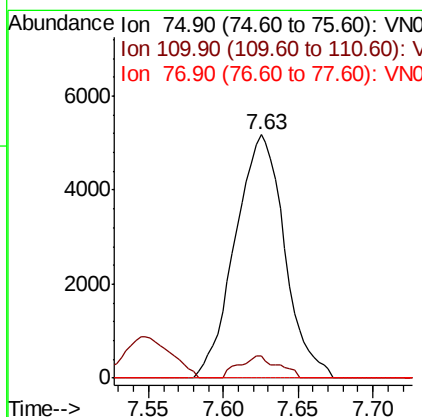
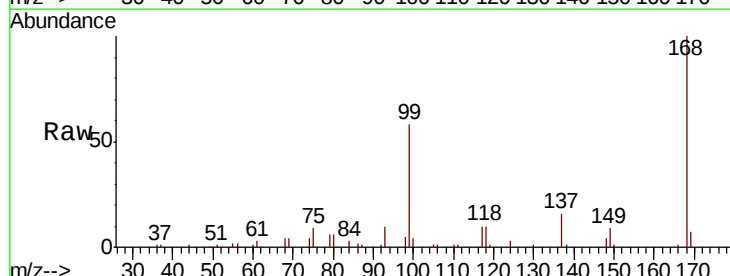
Instrument :
 MSVOA_N
 ClientSampleId :
 JFK-TB061820

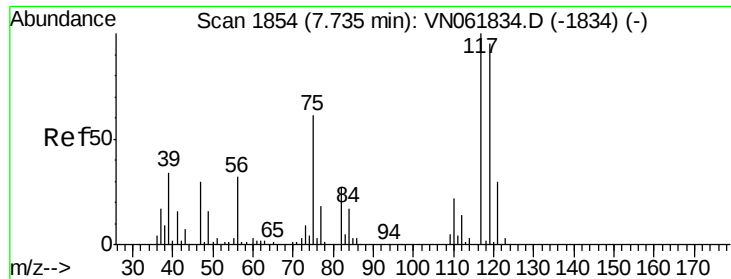
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.7	125.5
192	17.7	13.9	20.9



#36
 1,1-Dichloropropene
 Concen: 4.984 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062020.D
 Acq: 23 Jun 2020 00:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.2	18.2	54.6#
77	0.0	24.2	36.4#





#38

Carbon Tetrachloride

Concen: 6.052 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062020.D

Acq: 23 Jun 2020 00:45

Instrument :

MSVOA_N

ClientSampleId :

JFK-TB061820

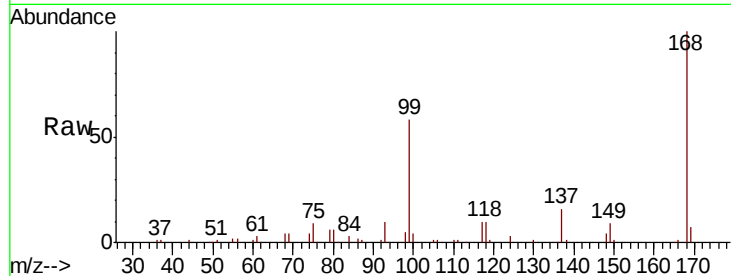
Tot Ion:117 Resp: 14340

Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.6#

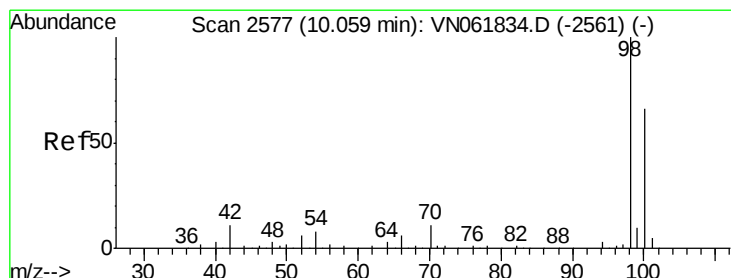
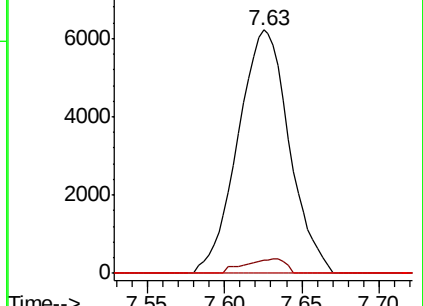
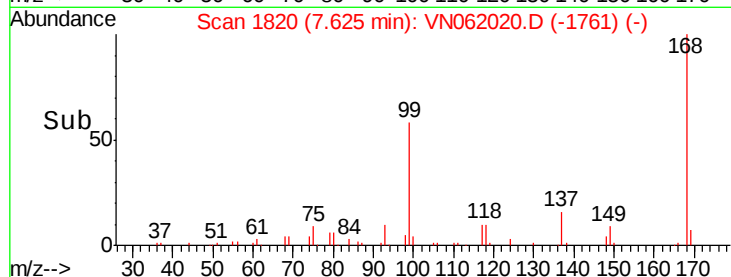
121 0.0 23.8 35.6#



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



#50

Toluene-d8

Concen: 50.123 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062020.D

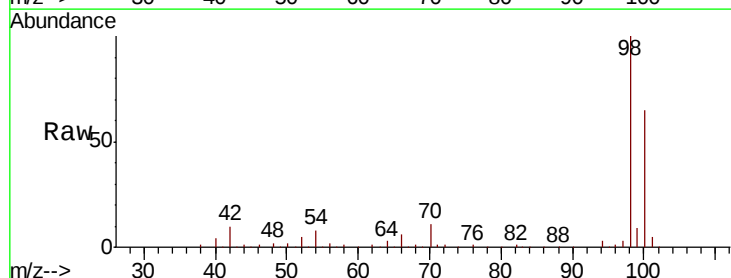
Acq: 23 Jun 2020 00:45

Tgt Ion: 98 Resp: 330706

Ion Ratio Lower Upper

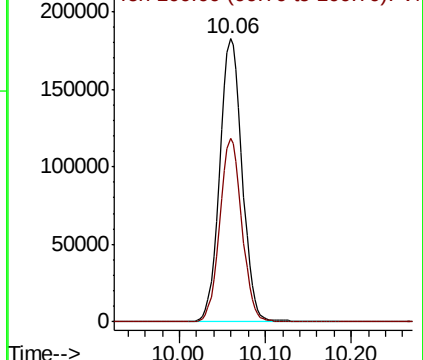
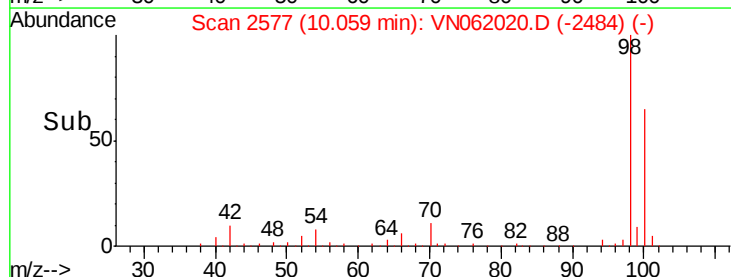
98 100

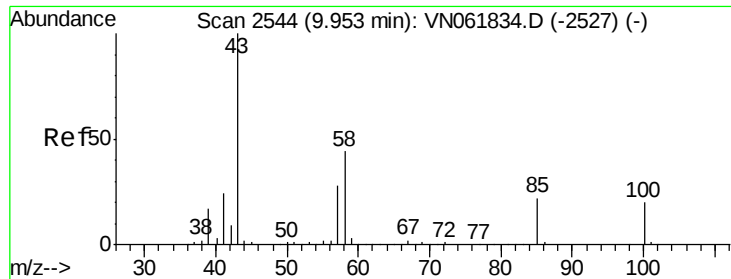
100 64.1 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.692 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.11 min

Lab File: VN062020.D

Acq: 23 Jun 2020 00:45

Instrument :

MSVOA_N

ClientSampleId :

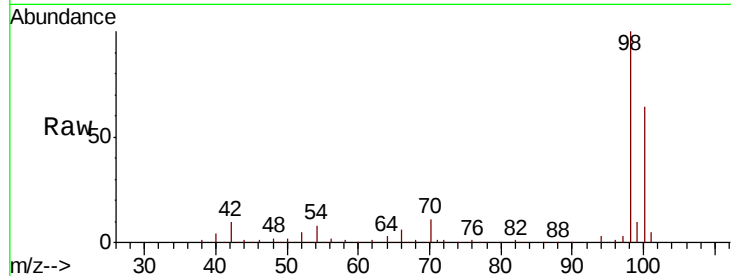
JFK-TB061820

Tot Ion: 43 Resp: 1287

Ion Ratio Lower Upper

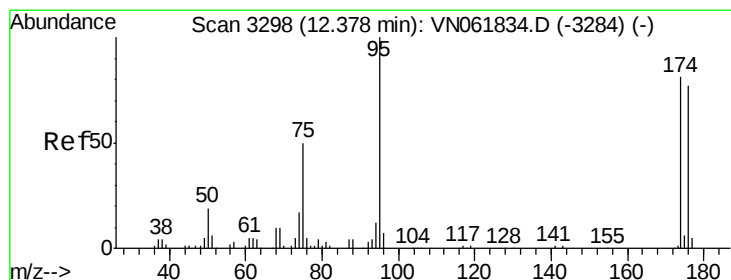
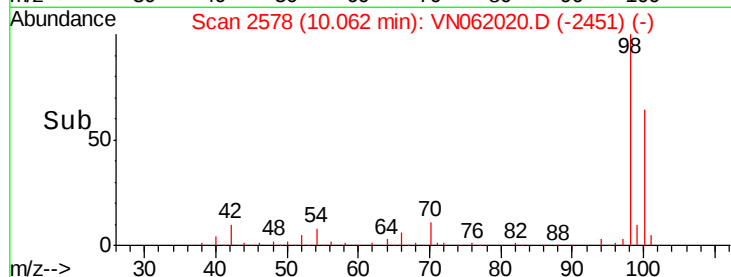
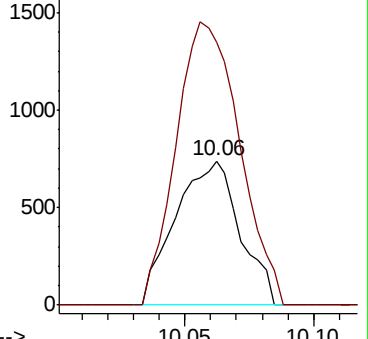
43 100

58 193.9 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) (-)



#62

4-Bromofluorobenzene

Concen: 46.717 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062020.D

Acq: 23 Jun 2020 00:45

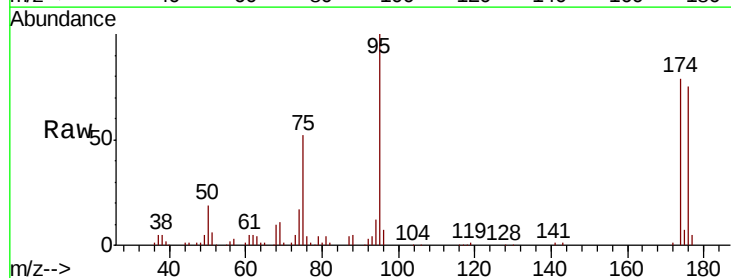
Tgt Ion: 95 Resp: 105729

Ion Ratio Lower Upper

95 100

174 78.6 0.0 158.6

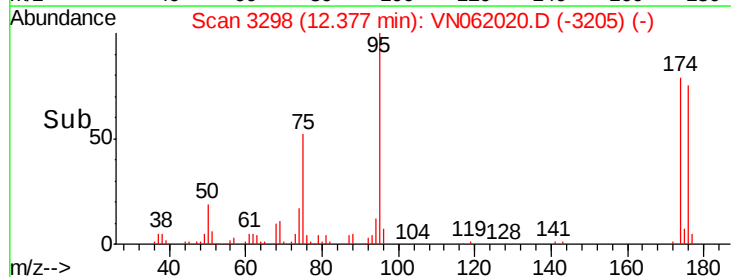
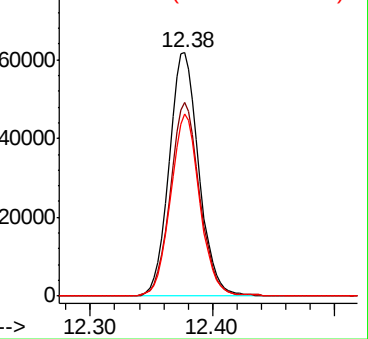
176 73.4 0.0 152.0

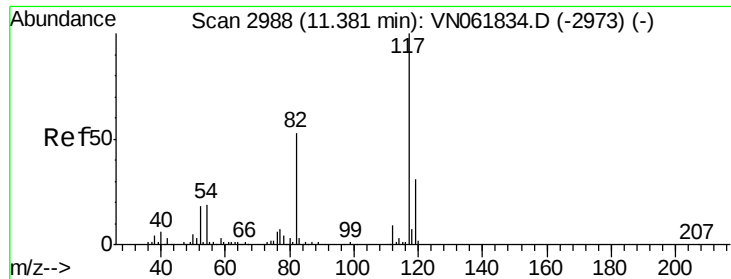


Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)

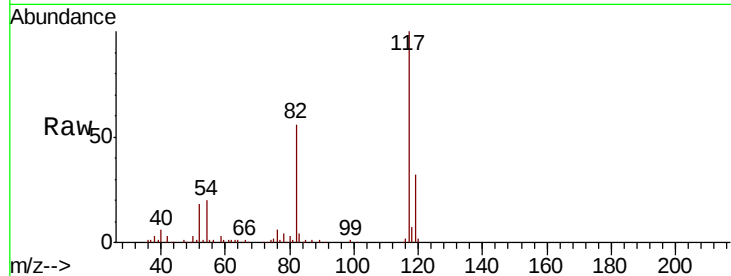




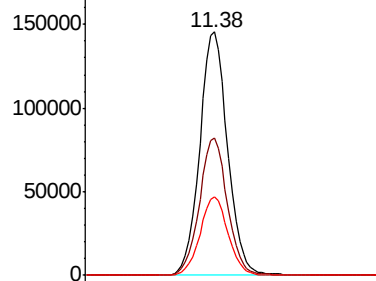
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062020.D
Acq: 23 Jun 2020 00:45

Instrument :
MSVOA_N
ClientSampleId :
JFK-TB061820

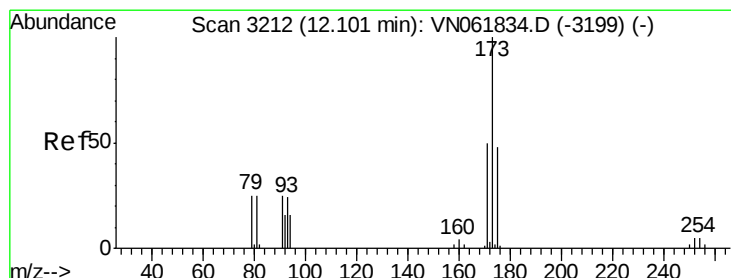
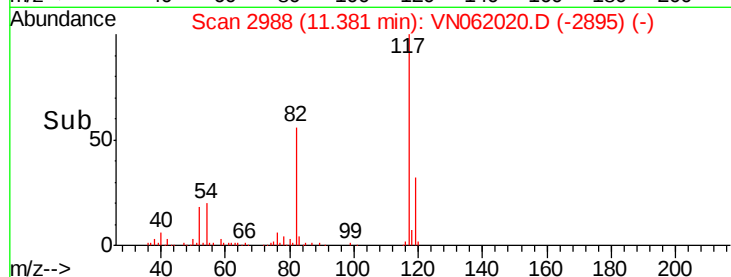
Tot Ion:117 Resp: 248894
Ion Ratio Lower Upper
117 100
82 56.2 42.6 64.0
119 32.3 24.7 37.1



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

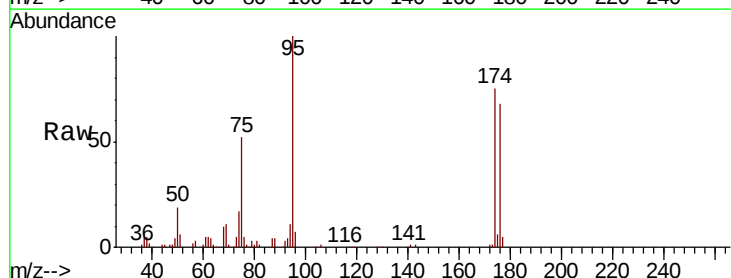


Time-->

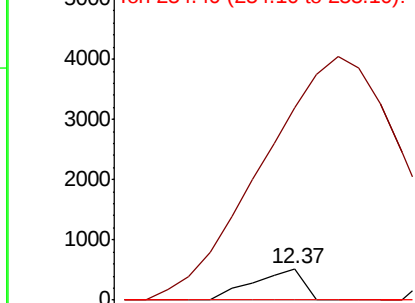


#71
Bromoform
Concen: 0.207 ug/l
RT: 12.37 min Scan# 3296
Delta R.T. 0.27 min
Lab File: VN062020.D
Acq: 23 Jun 2020 00:45

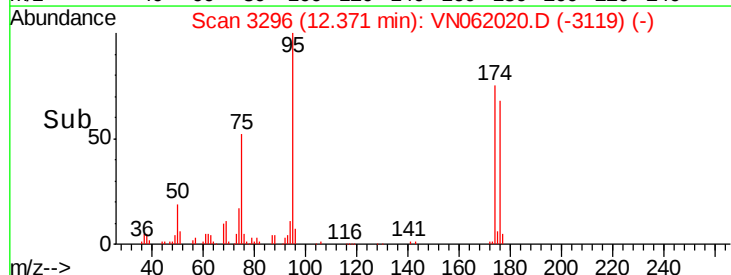
Tgt Ion:173 Resp: 277
Ion Ratio Lower Upper
173 100
175 1942.6 23.9 71.7#
254 0.0 0.0 0.0

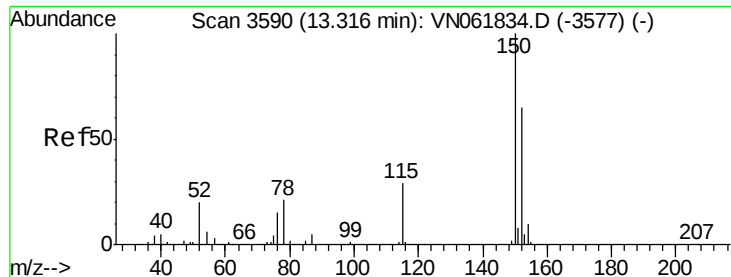


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062020.D

Acq: 23 Jun 2020 00:45

Instrument :

MSVOA_N

ClientSampleId :

JFK-TB061820

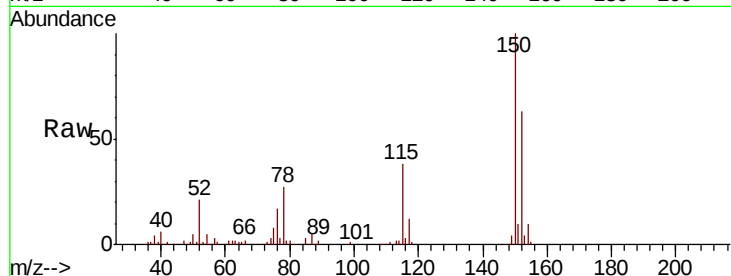
Tot Ion:152 Resp: 90862

Ion Ratio Lower Upper

152 100

115 59.5 29.1 87.3

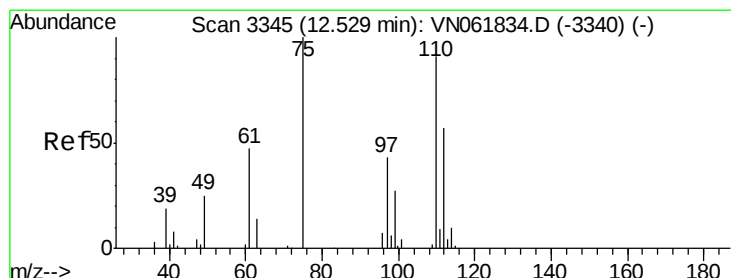
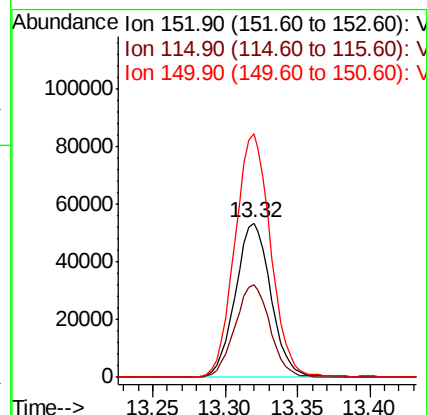
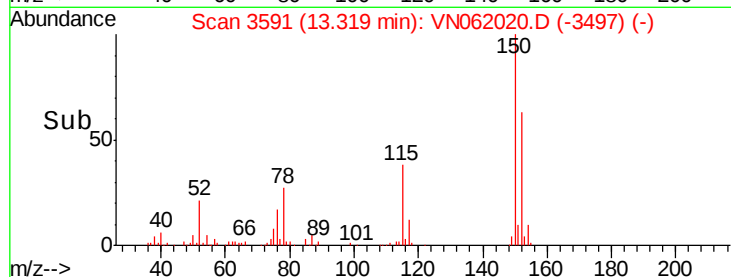
150 159.6 0.0 347.6



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: 30.415 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062020.D

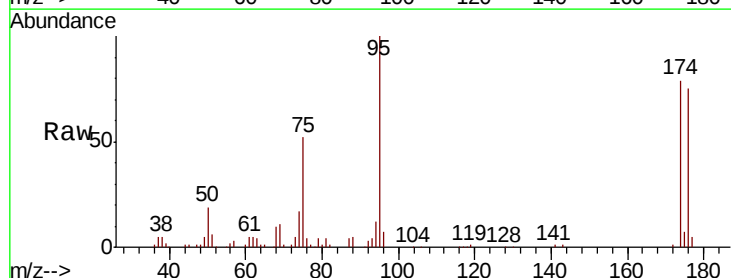
Acq: 23 Jun 2020 00:45

Tgt Ion: 75 Resp: 54255

Ion Ratio Lower Upper

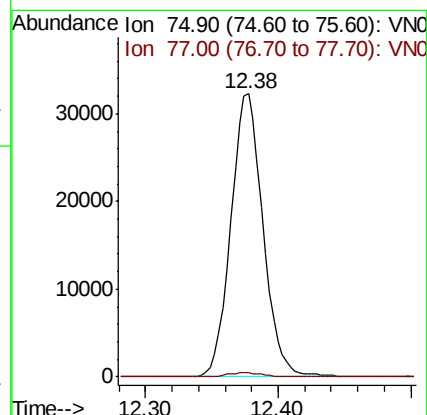
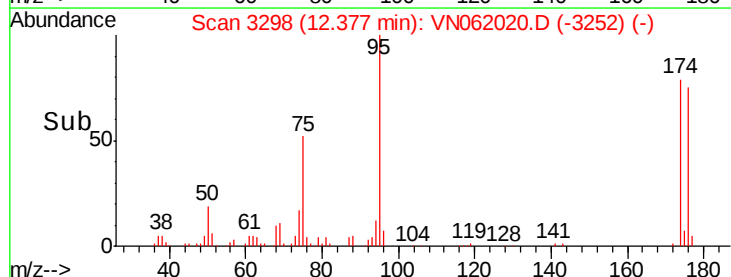
75 100

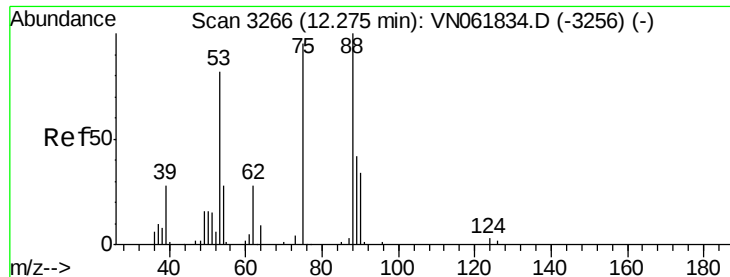
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 82.953 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062020.D

Acq: 23 Jun 2020 00:45

Instrument :

MSVOA_N

ClientSampleId :

JFK-TB061820

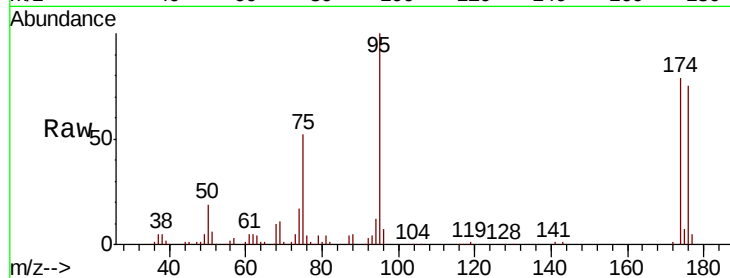
Tot Ion: 75 Resp: 54255

Ion Ratio Lower Upper

75 100

53 0.0 70.4 105.6#

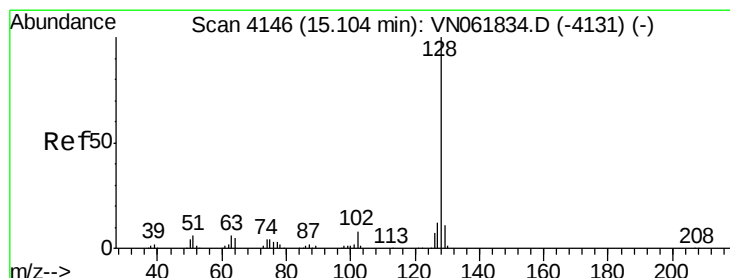
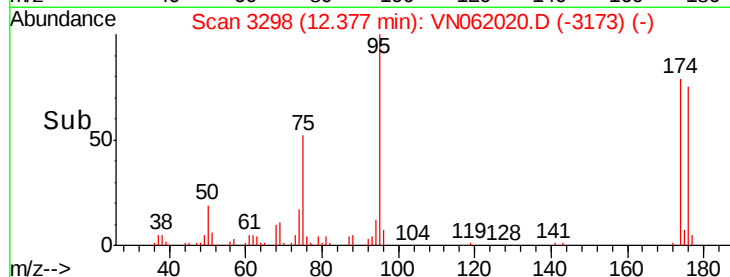
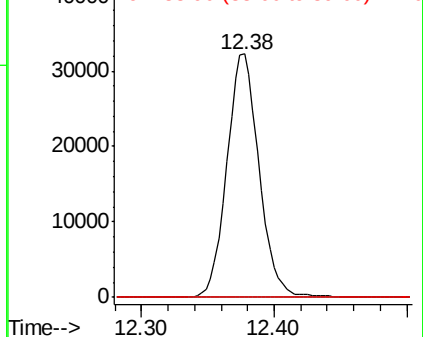
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061834.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061834.D (-3256) (-)



#95

Naphthalene

Concen: 3.600 ug/l

RT: 15.11 min Scan# 4148

Delta R.T. 0.01 min

Lab File: VN062020.D

Acq: 23 Jun 2020 00:45

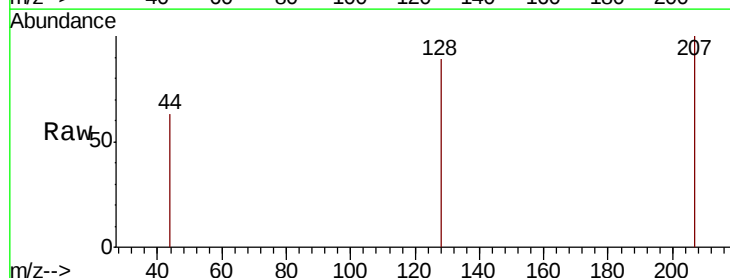
Tgt Ion: 128 Resp: 569

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VN061834.D (-4131) (-)

Ion 127.00 (126.70 to 127.70): VN061834.D (-4131) (-)

Ion 129.00 (128.70 to 129.70): VN061834.D (-4131) (-)

