

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062320\  
 Data File : VN062050.D  
 Acq On : 23 Jun 2020 18:37  
 Operator : JC/MD  
 Sample : L3033-06DL 200X  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 KY032MW006-200616DL

Quant Time: Jun 24 01:34:06 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

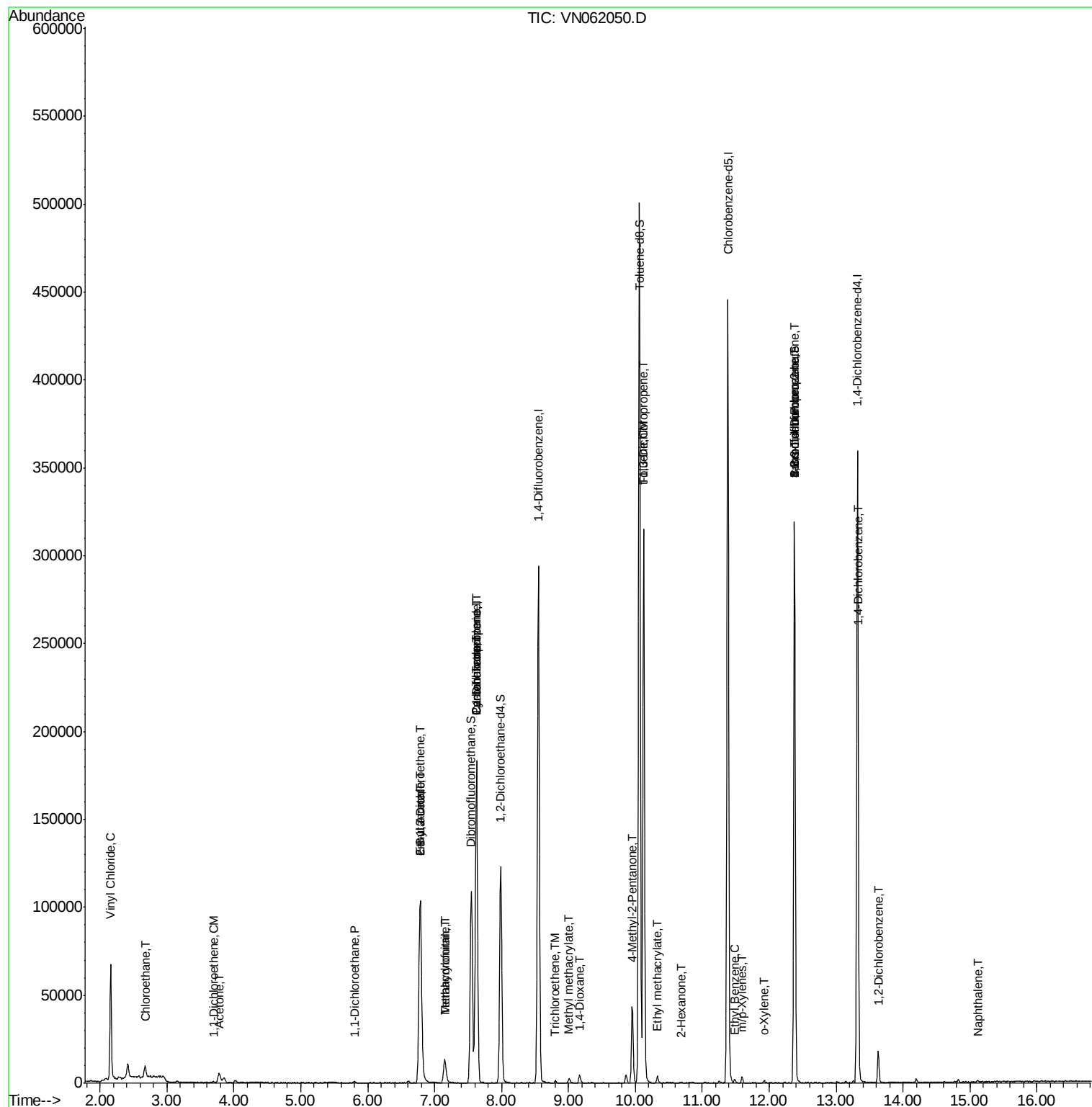
| Internal Standards             | R.T.   | QIon | Response | Conc    | Units   | Dev(Min) |
|--------------------------------|--------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene          | 7.63   | 168  | 144461   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 8.55   | 114  | 268694   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 11.38  | 117  | 261392   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 13.32  | 152  | 95164    | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds    |        |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4      | 7.99   | 65   | 103258   | 53.30   | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =       | 106.60% |          |
| 35) Dibromofluoromethane       | 7.55   | 113  | 85780    | 49.90   | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =       | 99.80%  |          |
| 50) Toluene-d8                 | 10.06  | 98   | 351192   | 51.97   | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =       | 103.94% |          |
| 62) 4-Bromofluorobenzene       | 12.38  | 95   | 111056   | 47.91   | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =       | 95.82%  |          |
| Target Compounds               |        |      |          |         |         |          |
|                                |        |      |          |         | Qvalue  |          |
| 4) Vinyl Chloride              | 2.16   | 62   | 58827    | 24.609  | ug/l    | 100      |
| 6) Chloroethane                | 2.67   | 64   | 6162     | 3.809   | ug/l    | 98       |
| 12) 1,1-Dichloroethene         | 3.69   | 96   | 325      | 0.221   | ug/l #  | 34       |
| 16) Acetone                    | 3.78   | 43   | 9835     | 17.186  | ug/l    | 99       |
| 24) 1,1-Dichloroethane         | 5.80   | 63   | 1477     | 0.506   | ug/l #  | 82       |
| 25) 2-Butanone                 | 6.79   | 43   | 120066   | 143.798 | ug/l    | 99       |
| 27) cis-1,2-Dichloroethene     | 6.78   | 96   | 23995    | 12.335  | ug/l    | 93       |
| 29) Tetrahydrofuran            | 7.16   | 42   | 639      | 1.163   | ug/l #  | 83       |
| 31) Cyclohexane                | 7.62   | 56   | 3643     | 1.427   | ug/l #  | 40       |
| 36) 1,1-Dichloropropene        | 7.62   | 75   | 12223    | 4.987   | ug/l #  | 46       |
| 37) Ethyl Acetate              | 6.79   | 43   | 120066   | 62.736  | ug/l #  | 77       |
| 38) Carbon Tetrachloride       | 7.63   | 117  | 14748    | 6.077   | ug/l #  | 16       |
| 41) Methacrylonitrile          | 7.15   | 41   | 3480     | 4.252   | ug/l #  | 100      |
| 44) Trichloroethene            | 8.81   | 130  | 448      | 0.229   | ug/l    | 77       |
| 48) Methyl methacrylate        | 9.01   | 41   | 388      | 0.265   | ug/l #  | 17       |
| 49) 1,4-Dioxane                | 9.17   | 88   | 3497     | 103.848 | ug/l    | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.95   | 43   | 29247    | 15.345  | ug/l    | 94       |
| 52) Toluene                    | 10.12  | 92   | 139753   | 29.974  | ug/l    | 99       |
| 53) t-1,3-Dichloropropene      | 10.13  | 75   | 1385     | 0.496   | ug/l #  | 1        |
| 56) Ethyl methacrylate         | 10.33  | 69   | 627      | 3.113   | ug/l #  | 13       |
| 59) 2-Hexanone                 | 10.68  | 43   | 184      | 13.521  | ug/l #  | 20       |
| 67) Ethyl Benzene              | 11.48  | 91   | 2181     | 0.236   | ug/l    | 99       |
| 68) m/p-Xylenes                | 11.59  | 106  | 1428     | 0.400   | ug/l    | 84       |
| 69) o-Xylene                   | 11.92  | 106  | 716      | 0.210   | ug/l    | 87       |
| 71) Bromoform                  | 12.38  | 173  | 783      | 0.558   | ug/l #  | 1        |
| 76) 1,2,3-Trichloropropane     | 12.38  | 75   | 56048    | 29.999  | ug/l #  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.38  | 75   | 56048    | 81.821  | ug/l #  | 14       |
| 88) 1,4-Dichlorobenzene        | 13.34  | 146  | 1590     | 0.499   | ug/l #  | 32       |
| 91) 1,2-Dichlorobenzene        | 13.63  | 146  | 7960     | 2.657   | ug/l    | 98       |
| 95) Naphthalene                | 15.11  | 128  | 993      | 3.678   | ug/l #  | 69       |

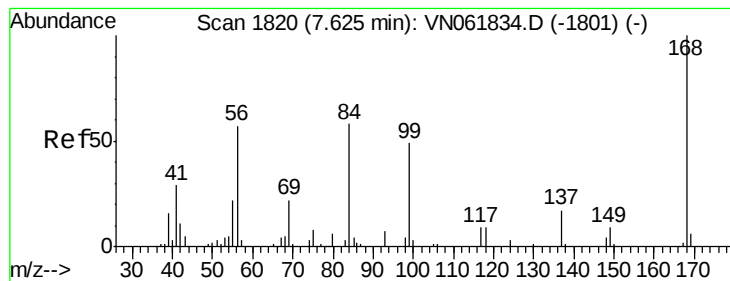
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062320\  
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Sample : L3033-06DL 200X  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
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Quant Time: Jun 24 01:34:06 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N061620W.M  
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: VN062050.D

Acq: 23 Jun 2020 18:37

Instrument :

MSVOA\_N

ClientSampleId :

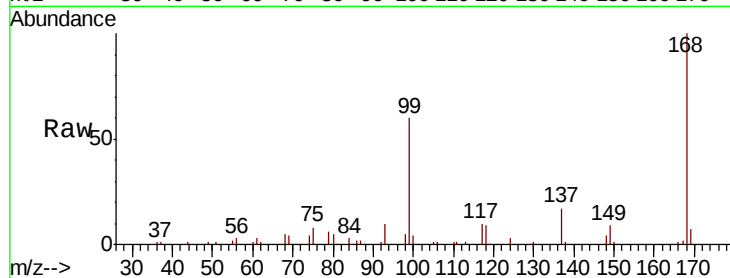
KY032MW006-200616DL

Tot Ion:168 Resp: 144461

Ion Ratio Lower Upper

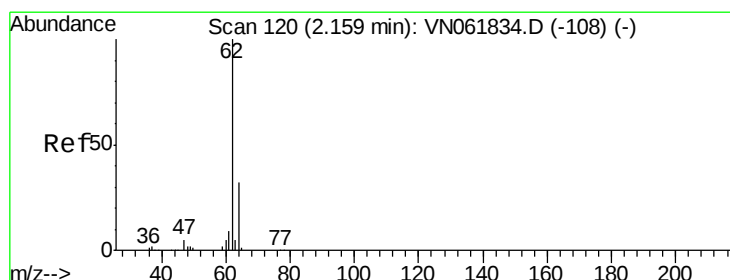
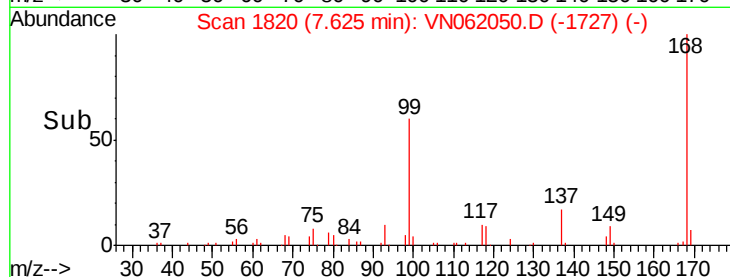
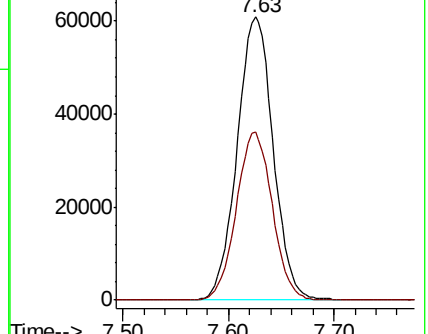
168 100

99 59.5 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#4

Vinyl Chloride

Concen: 24.609 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062050.D

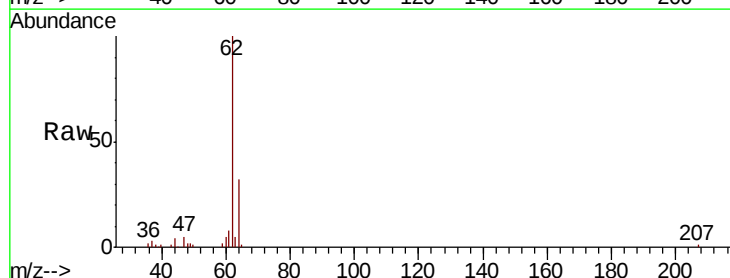
Acq: 23 Jun 2020 18:37

Tgt Ion: 62 Resp: 58827

Ion Ratio Lower Upper

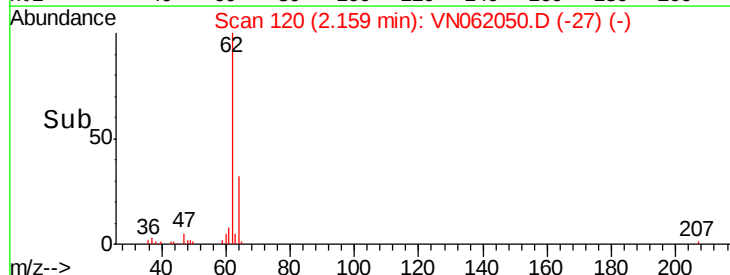
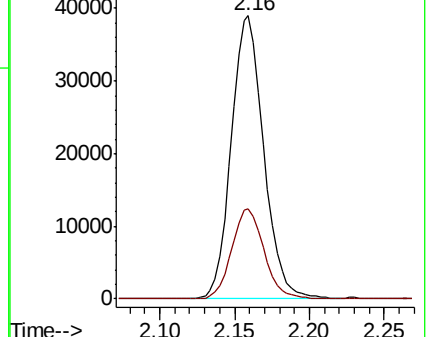
62 100

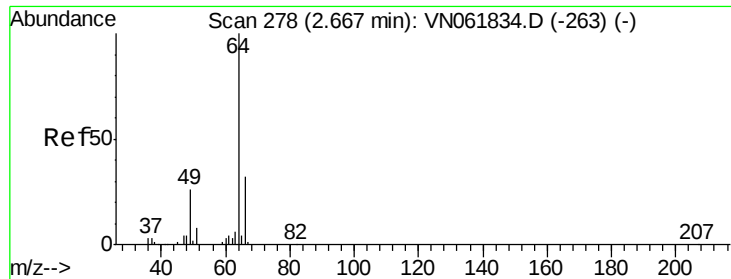
64 31.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#6

Chloroethane

Concen: 3.809 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN062050.D

Acq: 23 Jun 2020 18:37

Instrument :

MSVOA\_N

ClientSampleId :

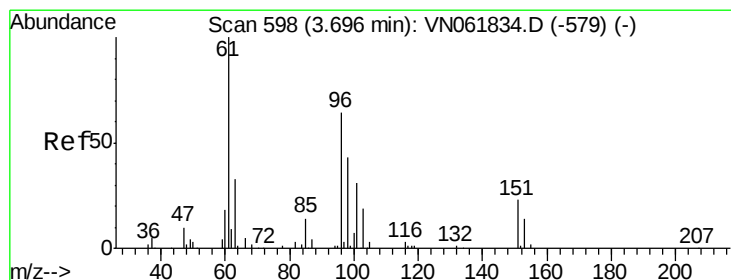
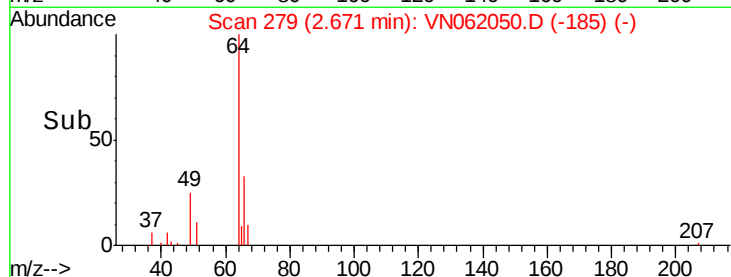
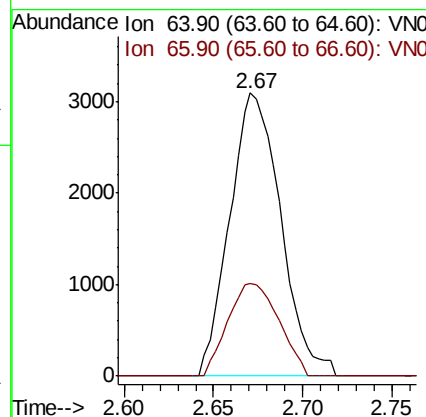
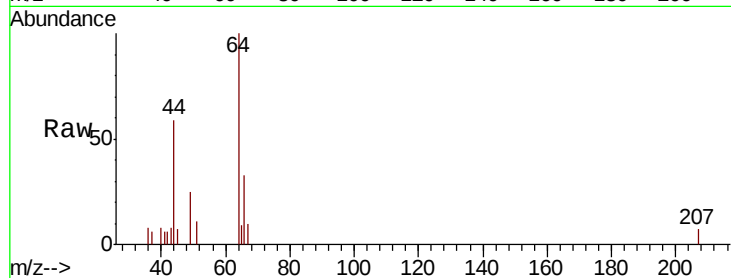
KY032MW006-200616DL

Tot Ion: 64 Resp: 6162

Ion Ratio Lower Upper

64 100

66 32.8 25.4 38.2



#12

1,1-Dichloroethene

Concen: 0.221 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN062050.D

Acq: 23 Jun 2020 18:37

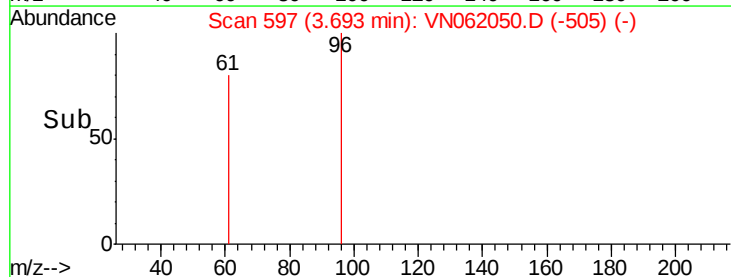
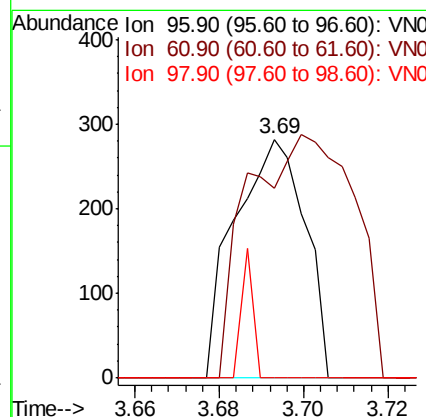
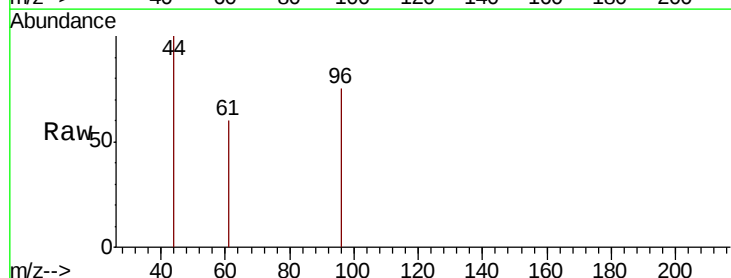
Tgt Ion: 96 Resp: 325

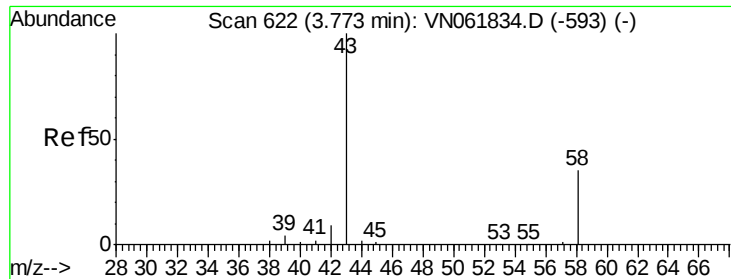
Ion Ratio Lower Upper

96 100

61 79.8 124.3 186.5#

98 0.0 53.1 79.7#





#16

Acetone

Concen: 17.186 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062050.D

Acq: 23 Jun 2020 18:37

Instrument :

MSVOA\_N

ClientSampleId :

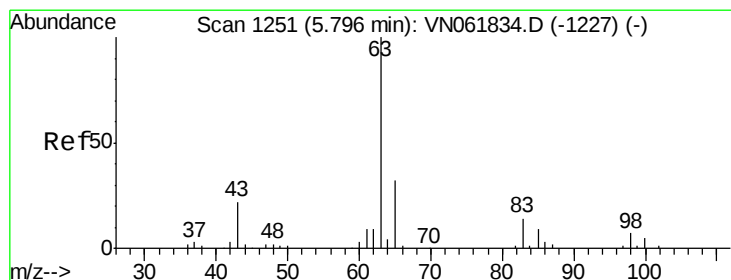
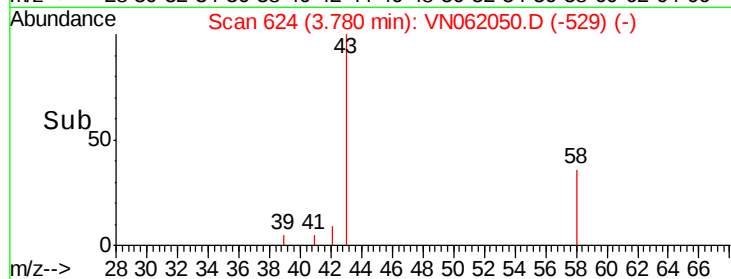
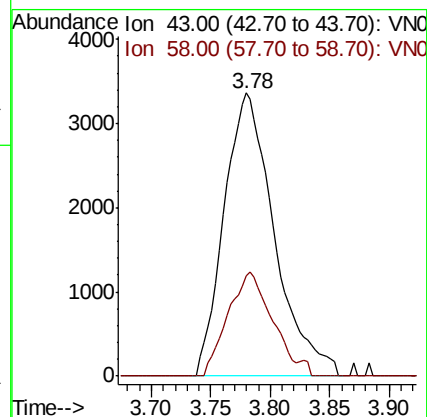
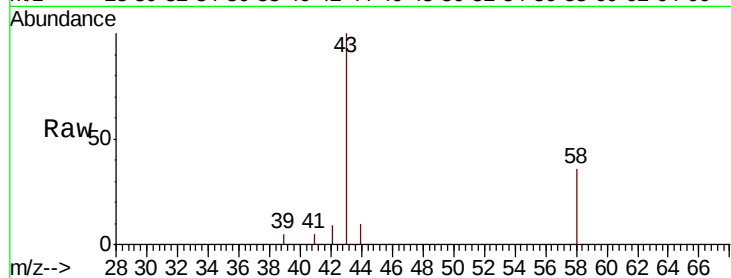
KY032MW006-200616DL

Tot Ion: 43 Resp: 9835

Ion Ratio Lower Upper

43 100

58 35.6 27.8 41.8



#24

1,1-Dichloroethane

Concen: 0.506 ug/l

RT: 5.80 min Scan# 1253

Delta R.T. 0.01 min

Lab File: VN062050.D

Acq: 23 Jun 2020 18:37

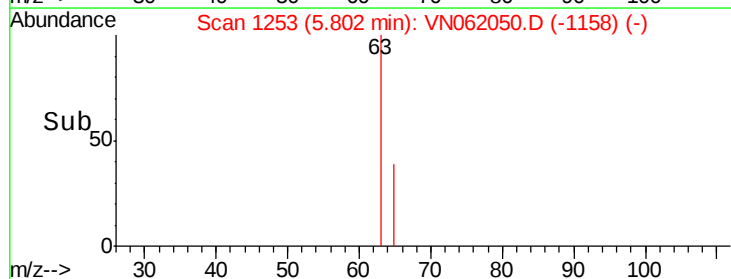
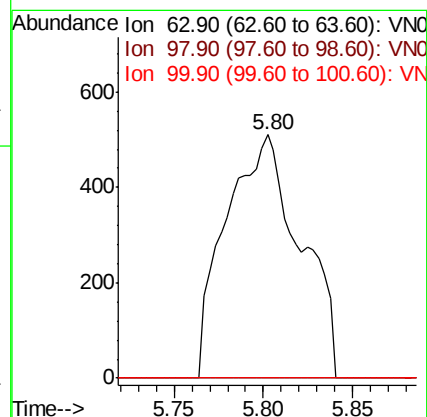
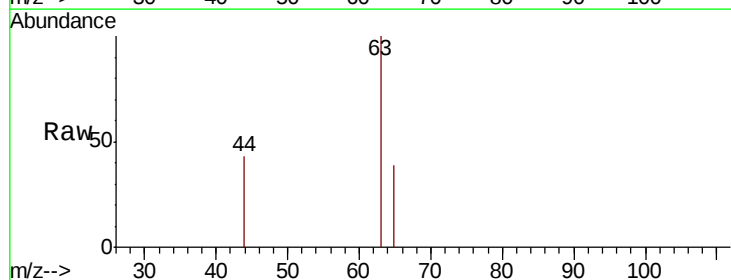
Tgt Ion: 63 Resp: 1477

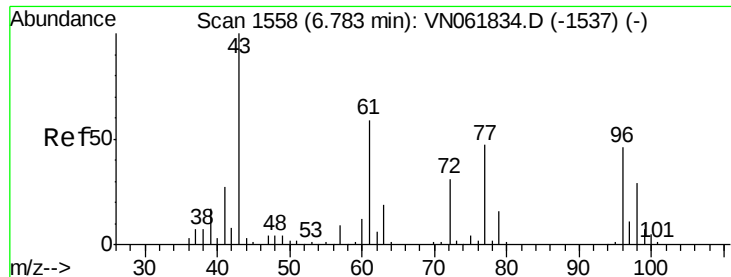
Ion Ratio Lower Upper

63 100

98 0.0 3.5 10.4#

100 0.0 2.5 7.4#

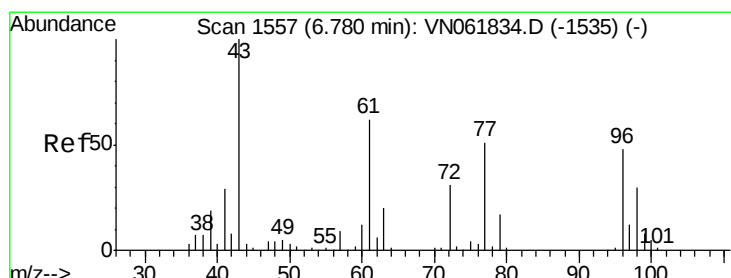
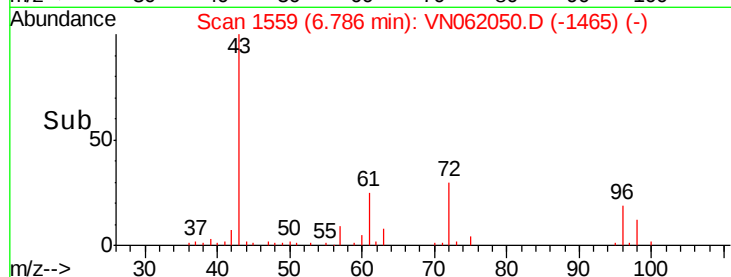
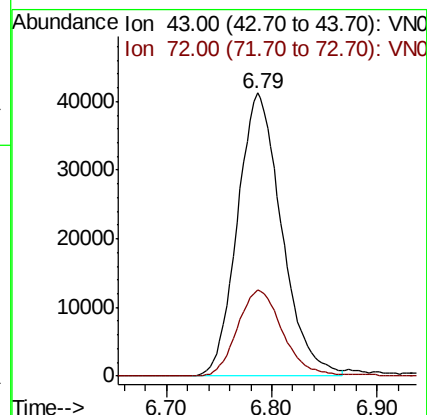
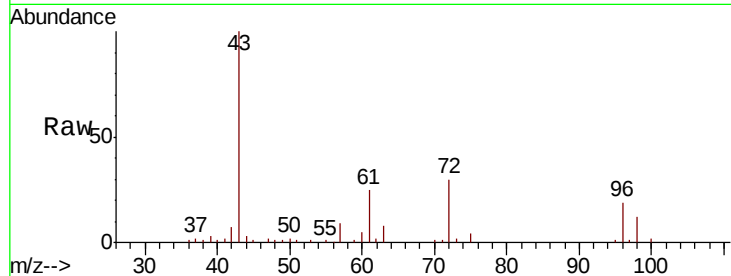




#25  
2-Butanone  
Concen: 143.798 ug/l  
RT: 6.79 min Scan# 1559  
Delta R.T. 0.00 min  
Lab File: VN062050.D  
Acq: 23 Jun 2020 18:37

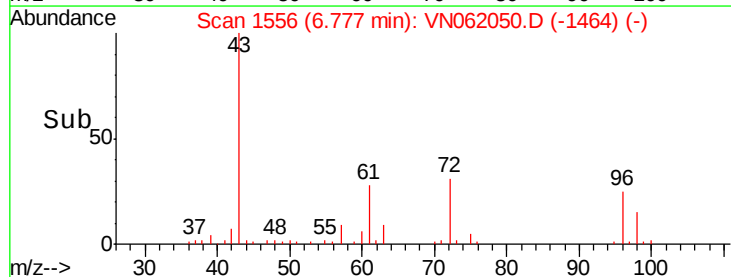
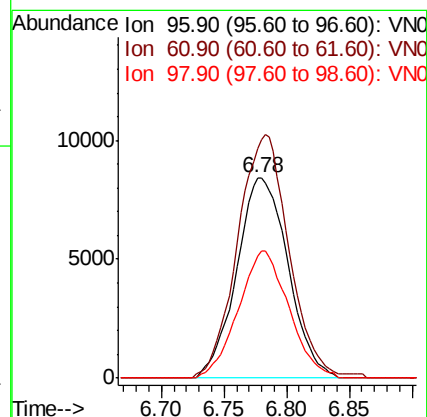
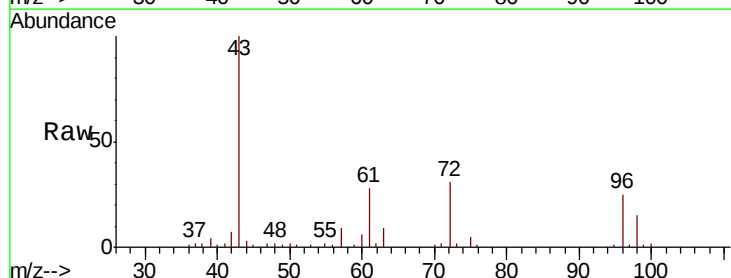
Instrument :  
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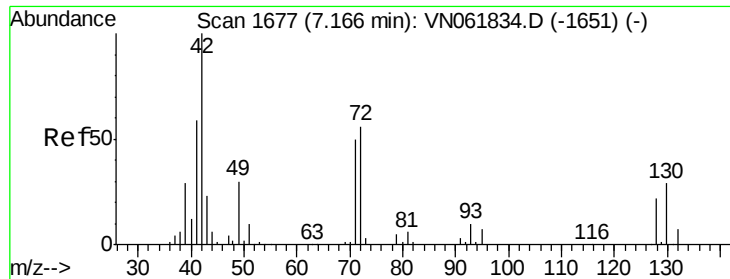
Tot Ion: 43 Resp: 120066  
Ion Ratio Lower Upper  
43 100  
72 30.4 24.6 37.0



#27  
cis-1,2-Dichloroethene  
Concen: 12.335 ug/l  
RT: 6.78 min Scan# 1556  
Delta R.T. -0.00 min  
Lab File: VN062050.D  
Acq: 23 Jun 2020 18:37

Tgt Ion: 96 Resp: 23995  
Ion Ratio Lower Upper  
96 100  
61 121.3 0.0 265.6  
98 62.5 0.0 128.2





#29

Tetrahydrofuran

Concen: 1.163 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. -0.01 min

Lab File: VN062050.D

Acq: 23 Jun 2020 18:37

Instrument :

MSVOA\_N

ClientSampleId :

KY032MW006-200616DL

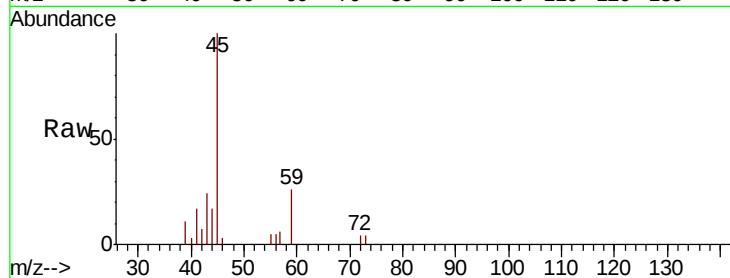
Tot Ion: 42 Resp: 639

Ion Ratio Lower Upper

42 100

72 50.9 44.0 66.0

71 30.2 40.0 60.0#

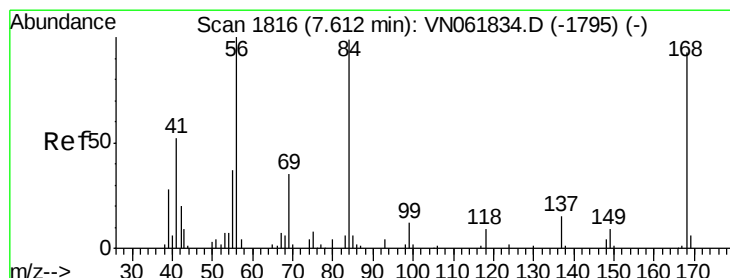
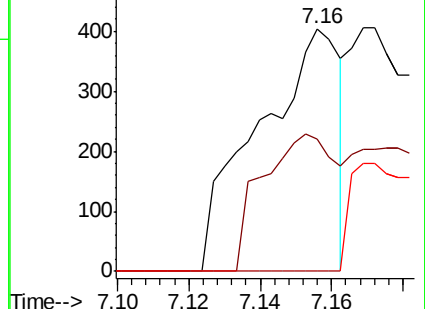
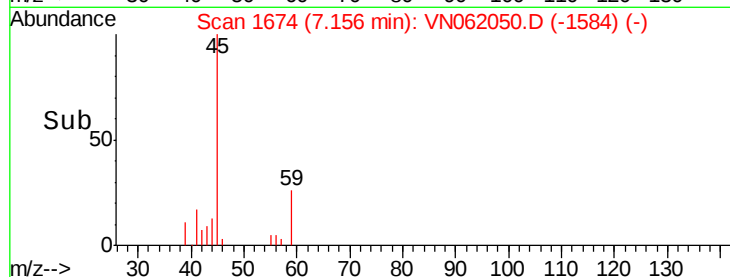


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

Time--> 7.10 7.12 7.14 7.16



#31

Cyclohexane

Concen: 1.427 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VN062050.D

Acq: 23 Jun 2020 18:37

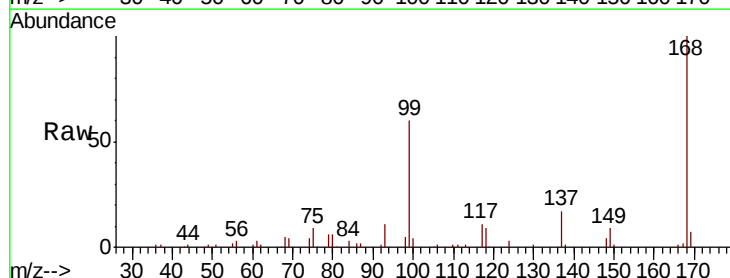
Tgt Ion: 56 Resp: 3643

Ion Ratio Lower Upper

56 100

69 132.1 27.7 41.5#

84 120.2 79.1 118.7#

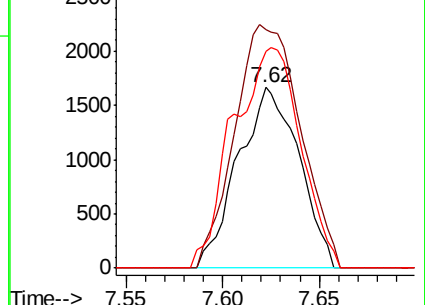
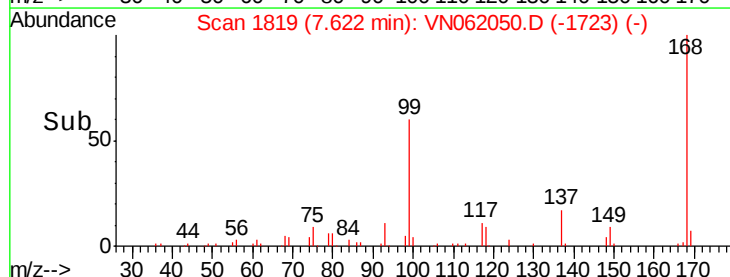


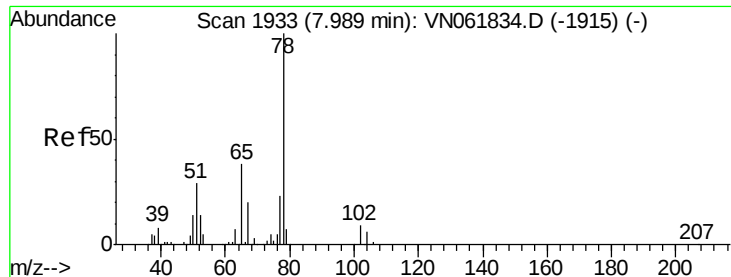
Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

Time--> 7.55 7.60 7.65

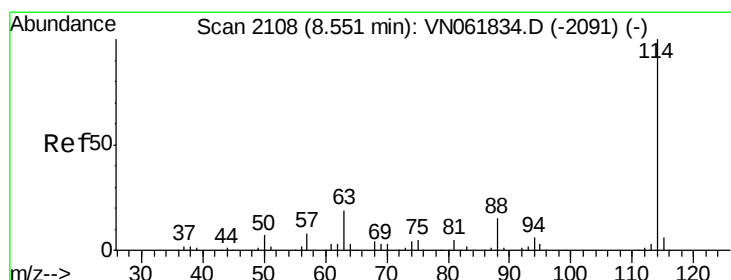
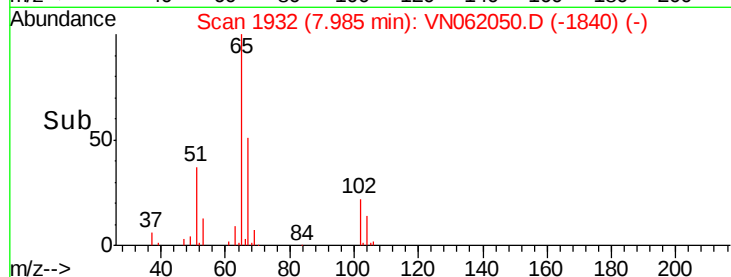
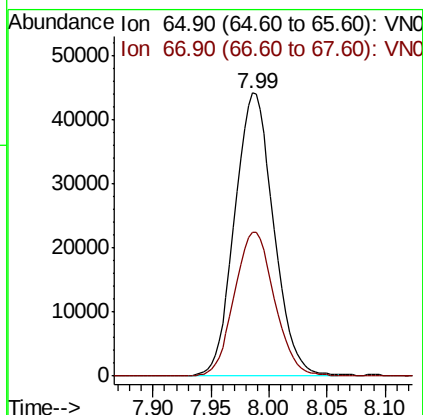
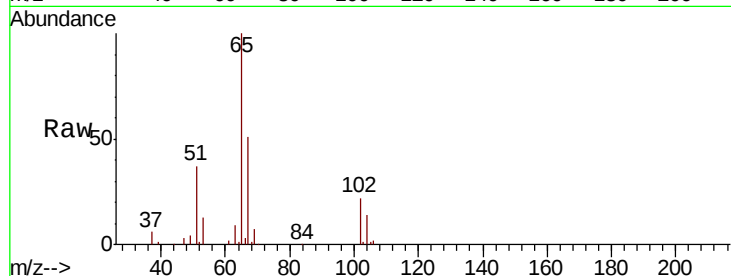




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.296 ug/l  
 RT: 7.99 min Scan# 1932  
 Delta R.T. -0.00 min  
 Lab File: VN062050.D  
 Acq: 23 Jun 2020 18:37

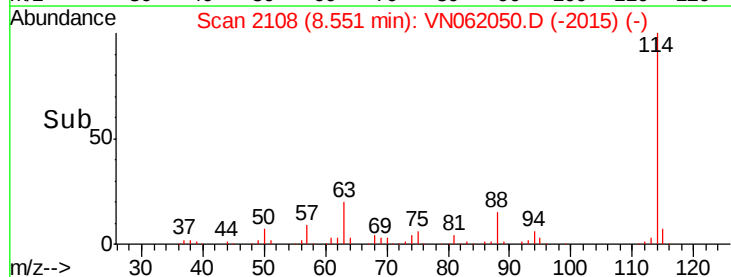
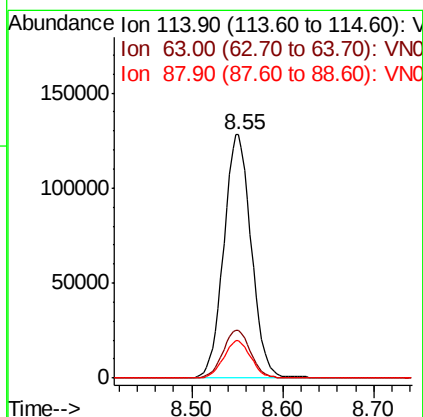
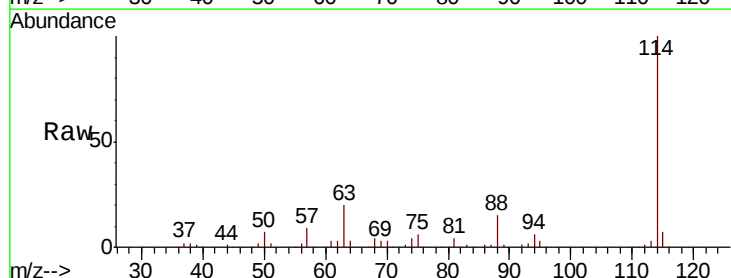
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 KY032MW006-200616DL

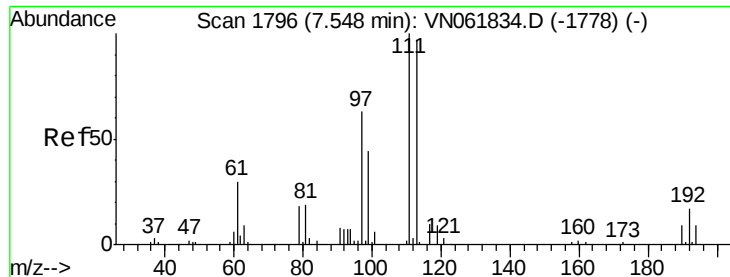
Tot Ion: 65 Resp: 103258  
 Ion Ratio Lower Upper  
 65 100  
 67 52.4 0.0 106.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2108  
 Delta R.T. 0.00 min  
 Lab File: VN062050.D  
 Acq: 23 Jun 2020 18:37

Tgt Ion: 114 Resp: 268694  
 Ion Ratio Lower Upper  
 114 100  
 63 19.5 0.0 37.6  
 88 15.4 0.0 31.0

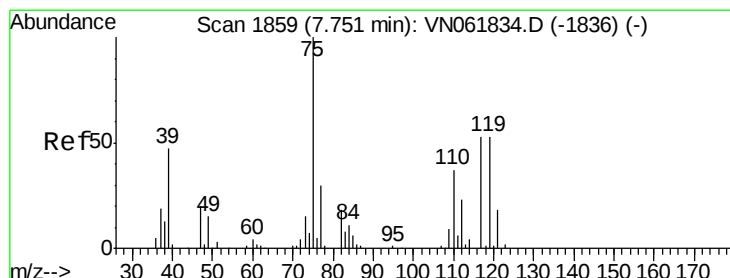
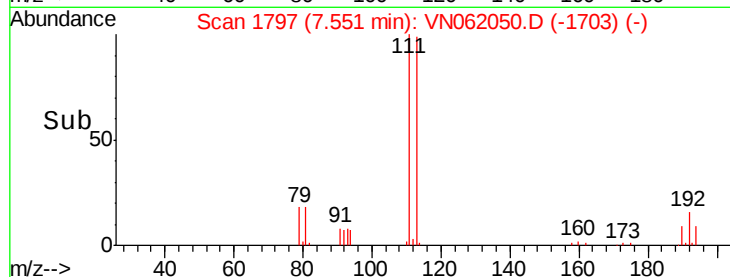
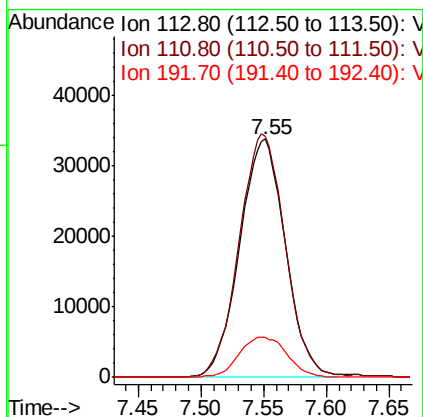
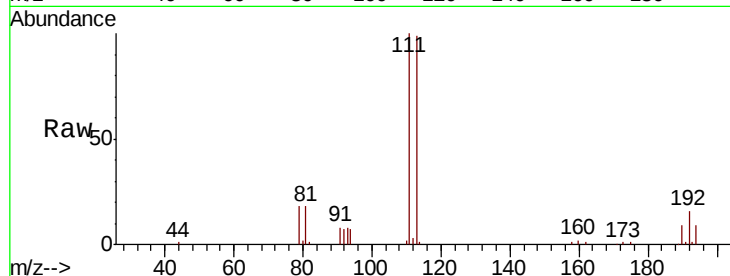




#35  
 Dibromofluoromethane  
 Concen: 49.902 ug/l  
 RT: 7.55 min Scan# 1797  
 Delta R.T. 0.00 min  
 Lab File: VN062050.D  
 Acq: 23 Jun 2020 18:37

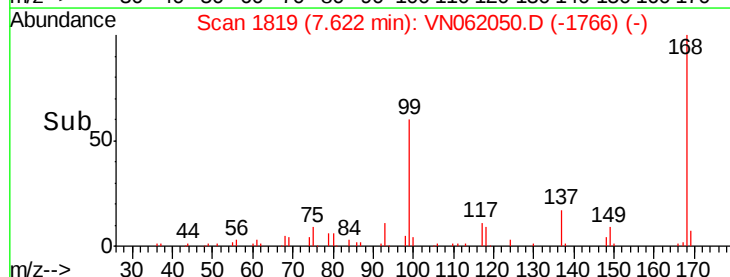
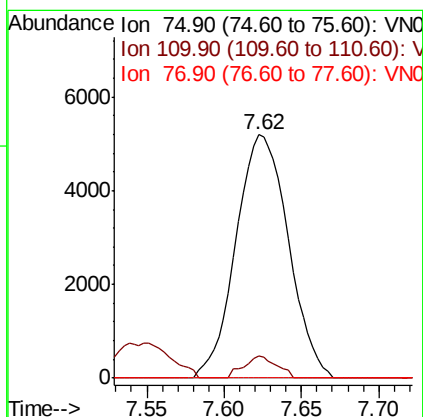
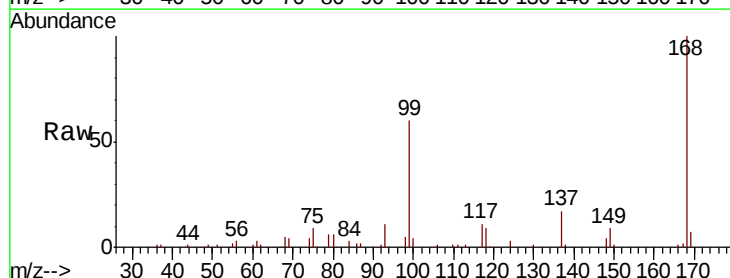
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 KY032MW006-200616DL

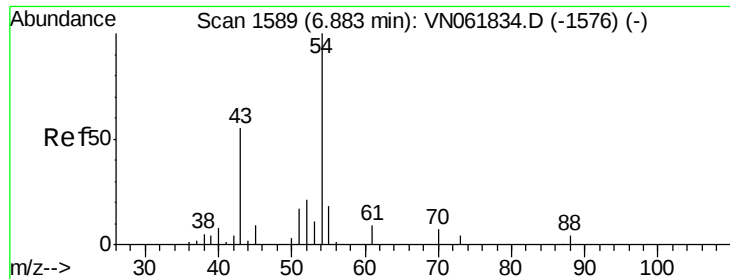
Tot Ion:113 Resp: 85780  
 Ion Ratio Lower Upper  
 113 100  
 111 102.6 83.7 125.5  
 192 17.7 13.9 20.9



#36  
 1,1-Dichloropropene  
 Concen: 4.987 ug/l  
 RT: 7.62 min Scan# 1819  
 Delta R.T. -0.13 min  
 Lab File: VN062050.D  
 Acq: 23 Jun 2020 18:37

Tgt Ion: 75 Resp: 12223  
 Ion Ratio Lower Upper  
 75 100  
 110 5.7 18.2 54.6#  
 77 0.0 24.2 36.4#

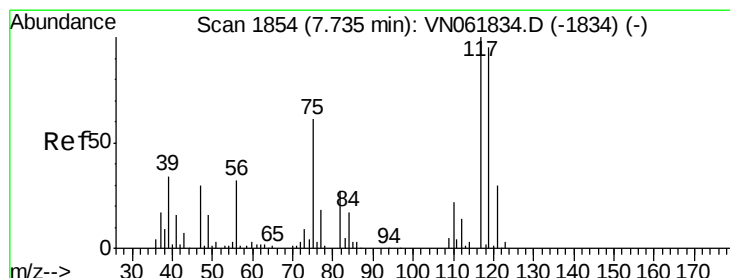
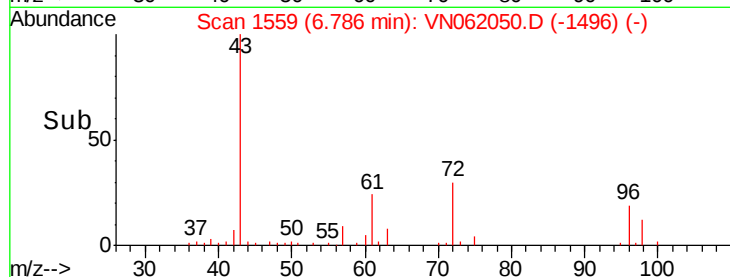
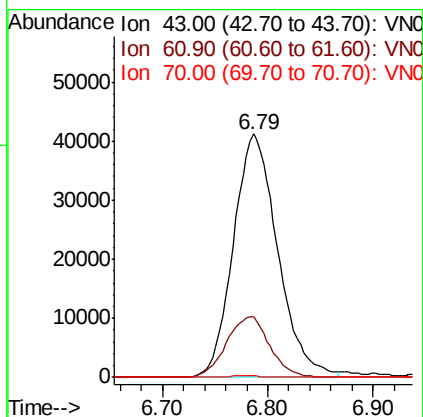
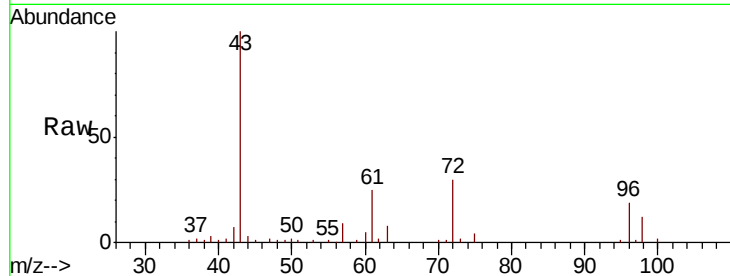




#37  
Ethyl Acetate  
Concen: 62.736 ug/l  
RT: 6.79 min Scan# 1559  
Delta R.T. -0.10 min  
Lab File: VN062050.D  
Acq: 23 Jun 2020 18:37

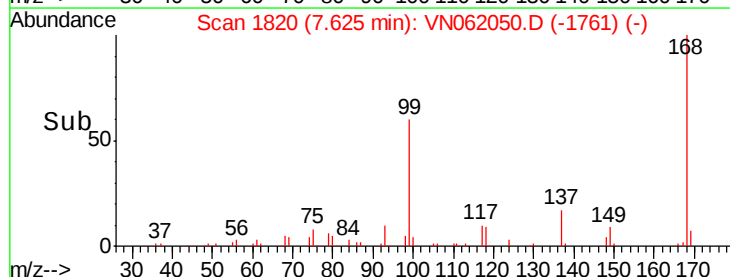
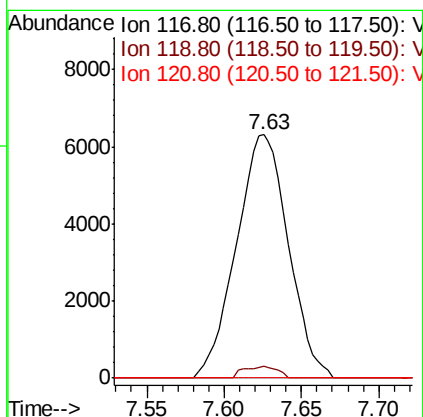
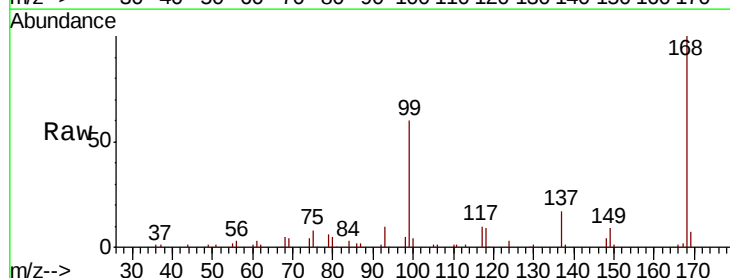
Instrument :  
MSVOA\_N  
ClientSampleId :  
KY032MW006-200616DL

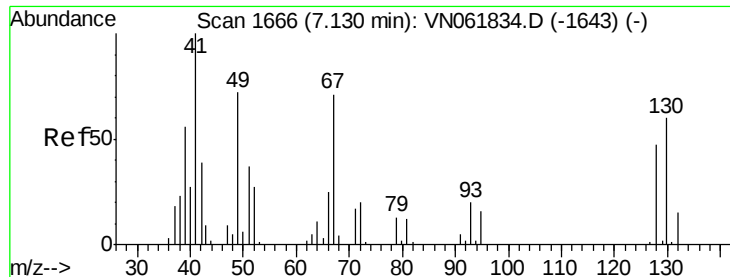
Tot Ion: 43 Resp: 120066  
Ion Ratio Lower Upper  
43 100  
61 24.2 13.0 19.4#  
70 0.4 9.4 14.2#



#38  
Carbon Tetrachloride  
Concen: 6.077 ug/l  
RT: 7.63 min Scan# 1820  
Delta R.T. -0.11 min  
Lab File: VN062050.D  
Acq: 23 Jun 2020 18:37

Tgt Ion: 117 Resp: 14748  
Ion Ratio Lower Upper  
117 100  
119 4.7 75.8 113.6#  
121 0.0 23.8 35.6#





#41

Methacrylonitrile

Concen: 4.252 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.02 min

Lab File: VN062050.D

Acq: 23 Jun 2020 18:37

Instrument :

MSVOA\_N

ClientSampleId :

KY032MW006-200616DL

Tot Ion: 41 Resp: 3480

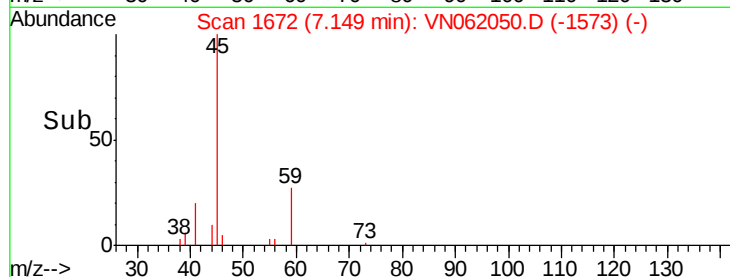
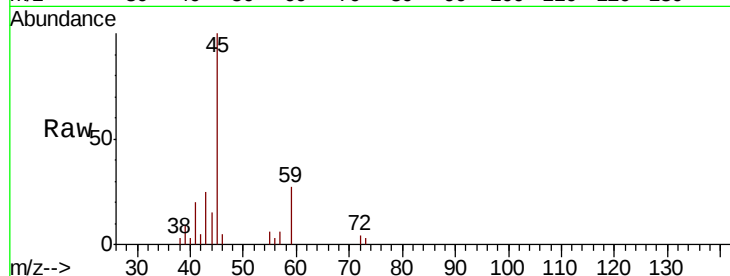
Ion Ratio Lower Upper

41 100

39 16.6 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

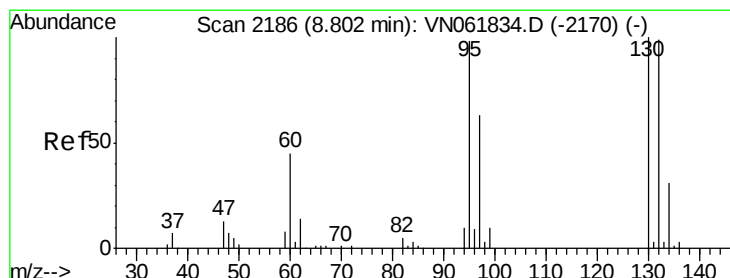
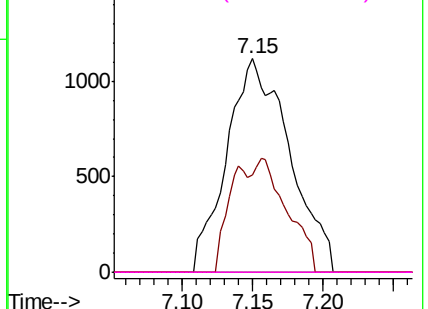


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#44

Trichloroethene

Concen: 0.229 ug/l

RT: 8.81 min Scan# 2188

Delta R.T. 0.01 min

Lab File: VN062050.D

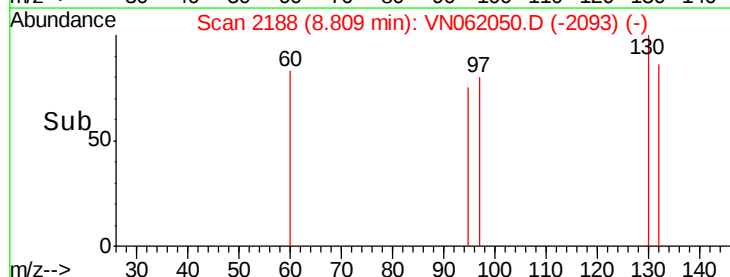
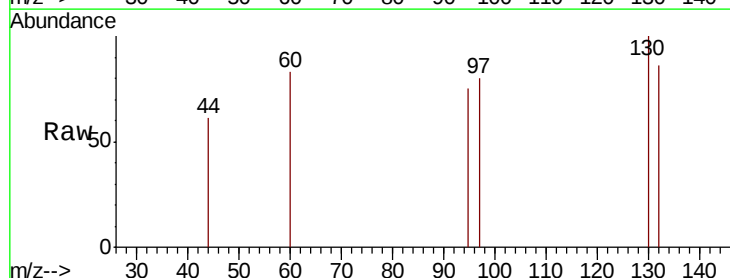
Acq: 23 Jun 2020 18:37

Tgt Ion: 130 Resp: 448

Ion Ratio Lower Upper

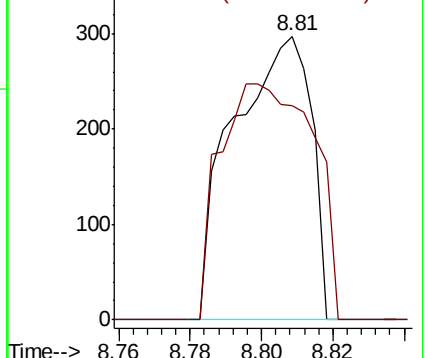
130 100

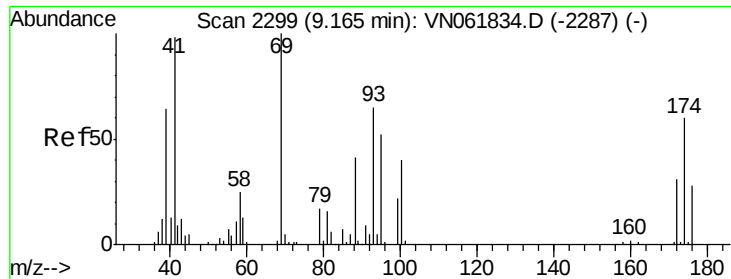
95 75.4 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

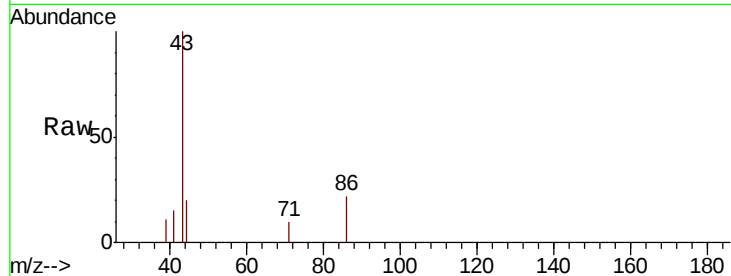




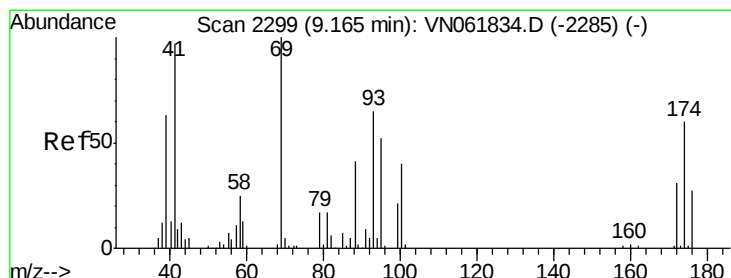
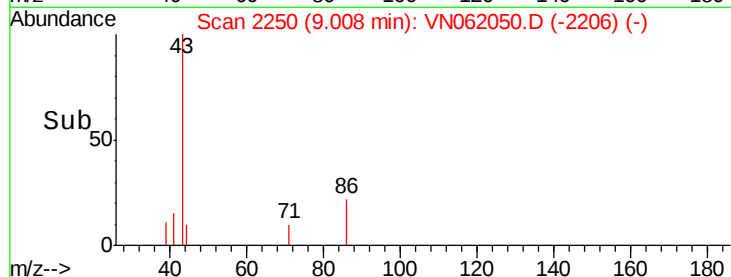
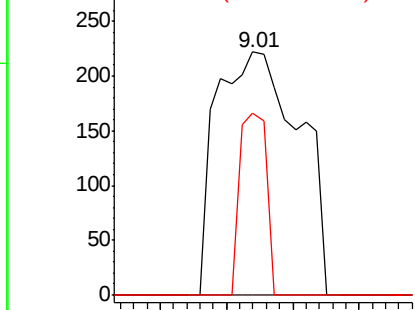
#48  
Methvl methacrylate  
Concen: 0.265 ug/l  
RT: 9.01 min Scan# 2250  
Delta R.T. -0.16 min  
Lab File: VN062050.D  
Acq: 23 Jun 2020 18:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
KY032MW006-200616DL

Tot Ion: 41 Resp: 388  
Ion Ratio Lower Upper  
41 100  
69 0.0 83.0 124.4#  
39 24.0 55.1 82.7#

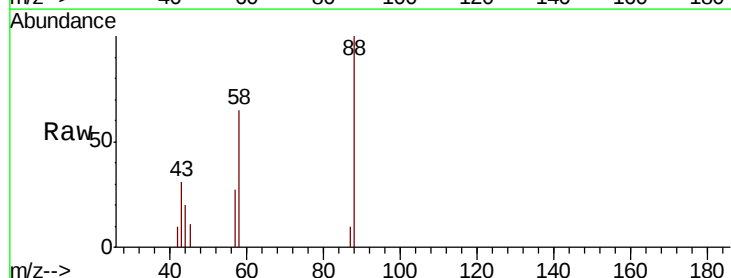


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0

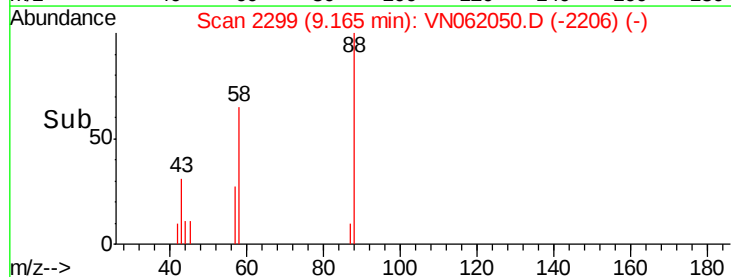
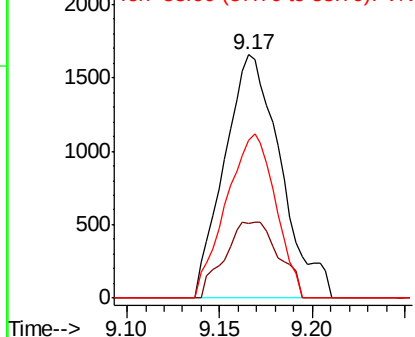


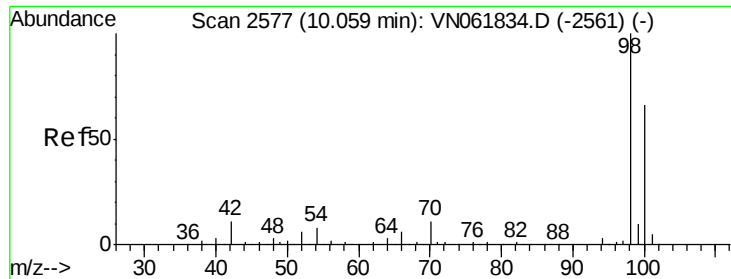
#49  
1,4-Dioxane  
Concen: 103.848 ug/l  
RT: 9.17 min Scan# 2299  
Delta R.T. 0.00 min  
Lab File: VN062050.D  
Acq: 23 Jun 2020 18:37

Tgt Ion: 88 Resp: 3497  
Ion Ratio Lower Upper  
88 100  
43 30.0 23.4 35.2  
58 59.3 49.8 74.6



Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 51.967 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062050.D

Acq: 23 Jun 2020 18:37

Instrument :

MSVOA\_N

ClientSampleId :

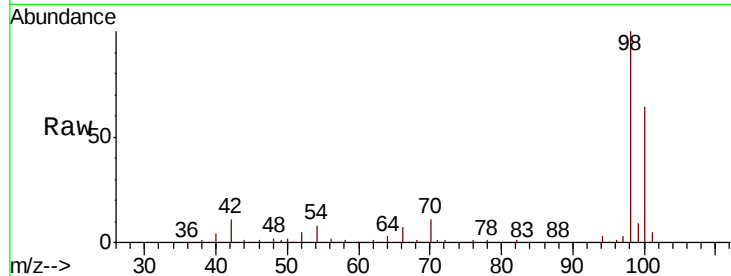
KY032MW006-200616DL

Tot Ion: 98 Resp: 351192

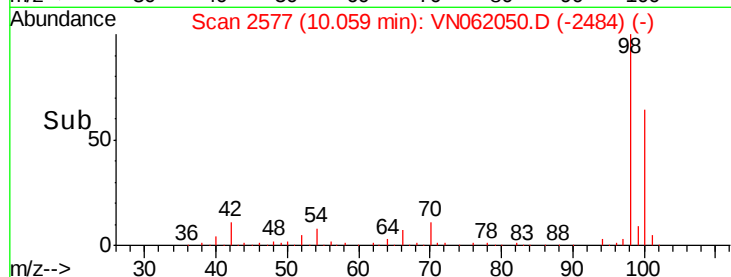
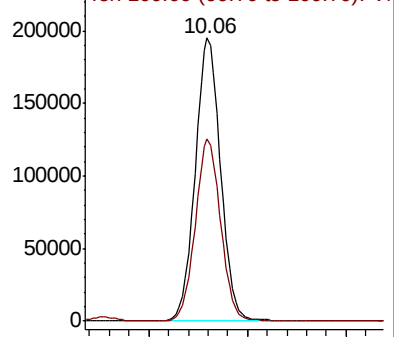
Ion Ratio Lower Upper

98 100

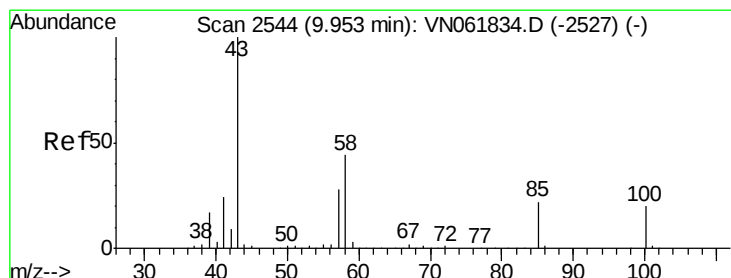
100 64.2 52.7 79.1



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



Time-->



#51

4-Methyl-2-Pentanone

Concen: 15.345 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062050.D

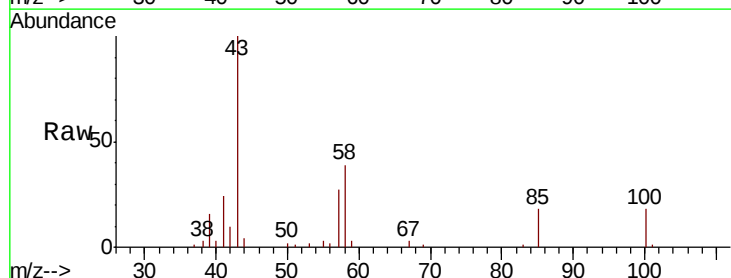
Acq: 23 Jun 2020 18:37

Tgt Ion: 43 Resp: 29247

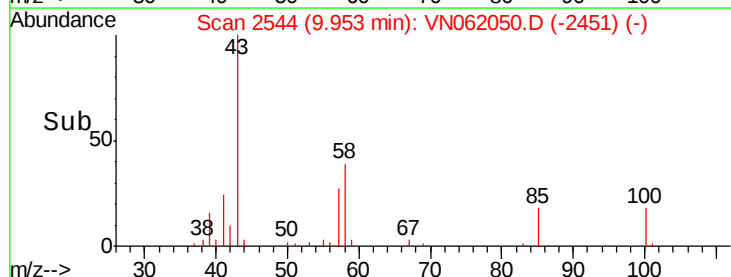
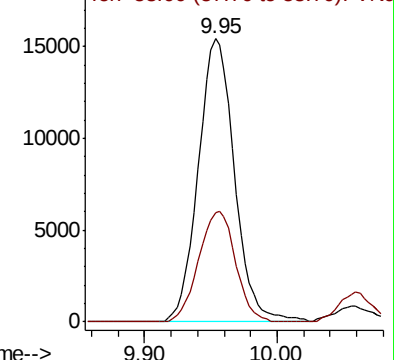
Ion Ratio Lower Upper

43 100

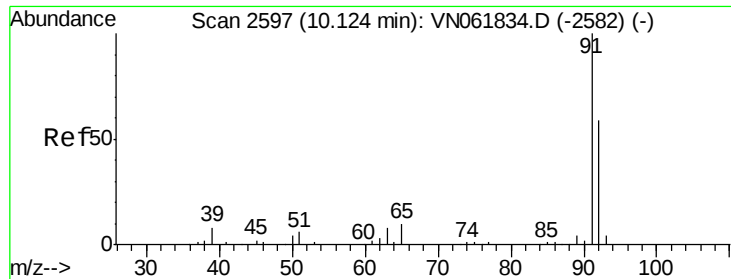
58 39.7 34.6 52.0



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



Time-->



#52

Toluene

Concen: 29.974 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN062050.D

Acq: 23 Jun 2020 18:37

Instrument :

MSVOA\_N

ClientSampleId :

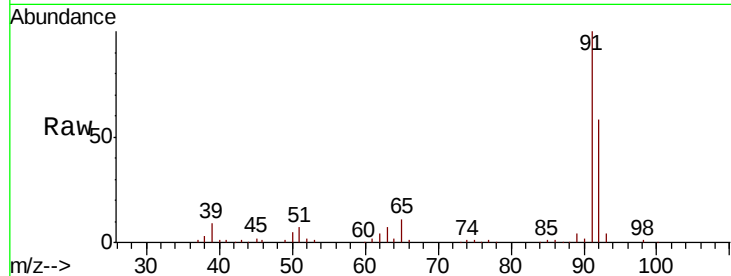
KY032MW006-200616DL

Tot Ion: 92 Resp: 139753

Ion Ratio Lower Upper

92 100

91 173.5 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN062050.D (-2504) (-)

Ion 91.00 (90.70 to 91.70): VN062050.D (-2504) (-)

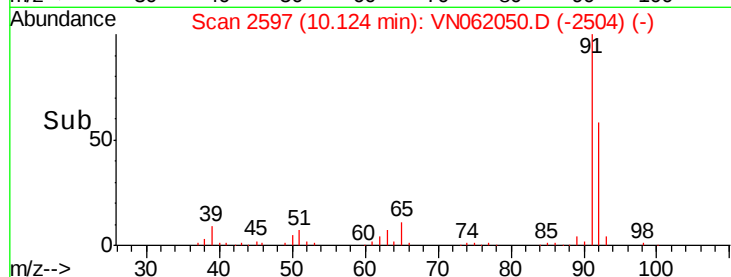
150000

100000

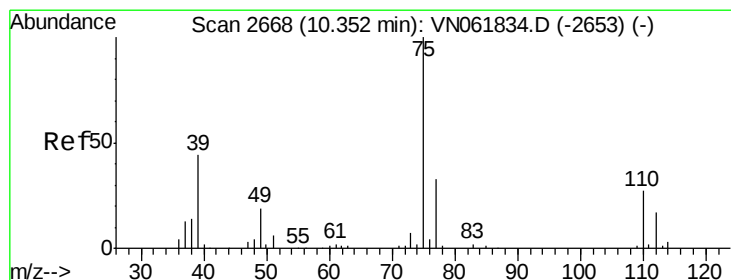
50000

0

10.05 10.10 10.15 10.20



Time-->



#53

t-1,3-Dichloropropene

Concen: 0.496 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.23 min

Lab File: VN062050.D

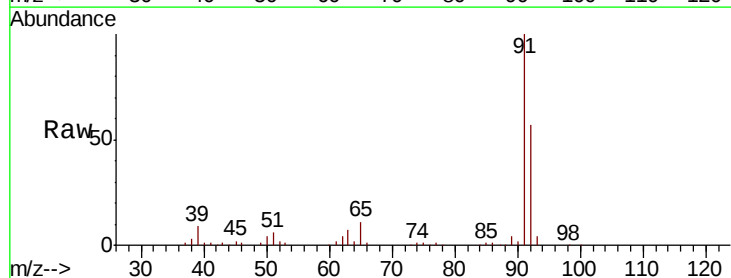
Acq: 23 Jun 2020 18:37

Tgt Ion: 75 Resp: 1385

Ion Ratio Lower Upper

75 100

77 159.2 26.3 39.5#



Abundance Ion 74.90 (74.60 to 75.60): VN062050.D (-2575) (-)

Ion 76.90 (76.60 to 77.60): VN062050.D (-2575) (-)

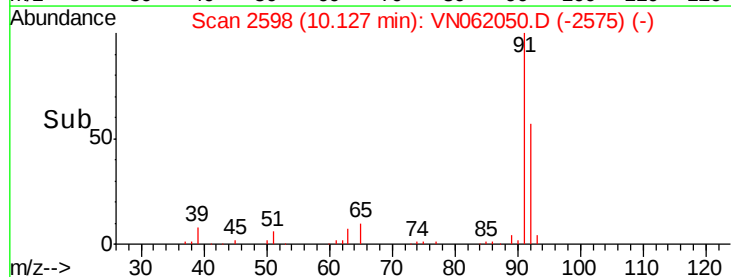
1500

1000

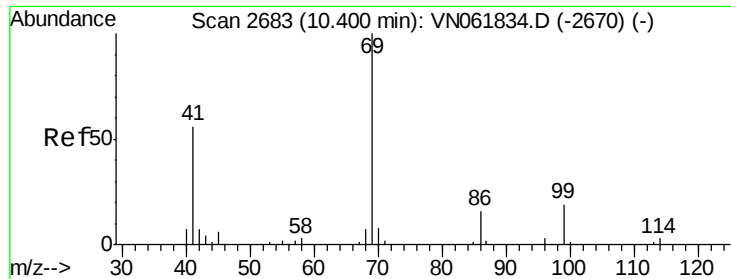
500

0

10.10 10.15



Time-->



#56

Ethyl methacrylate

Concen: 3.113 ug/l

RT: 10.33 min Scan# 2660

Delta R.T. -0.07 min

Lab File: VN062050.D

Acq: 23 Jun 2020 18:37

Instrument :

MSVOA\_N

ClientSampleId :

KY032MW006-200616DL

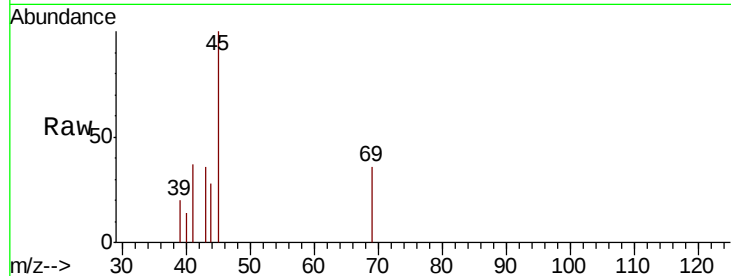
Tot Ion: 69 Resp: 627

Ion Ratio Lower Upper

69 100

41 131.7 44.9 67.3#

39 0.0 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) (-)

10.33

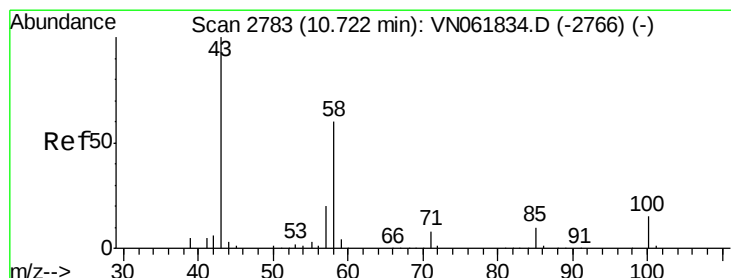
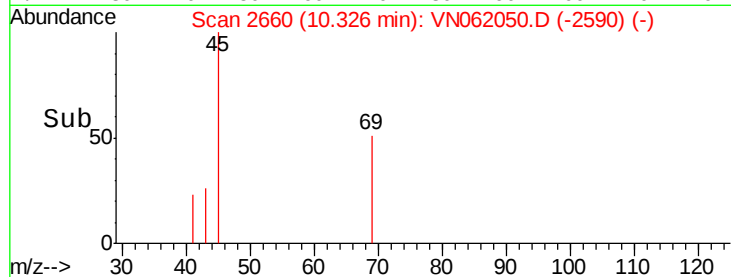
400

200

0

10.30 10.32 10.34 10.36

Time-->



#59

2-Hexanone

Concen: 13.521 ug/l

RT: 10.68 min Scan# 2771

Delta R.T. -0.04 min

Lab File: VN062050.D

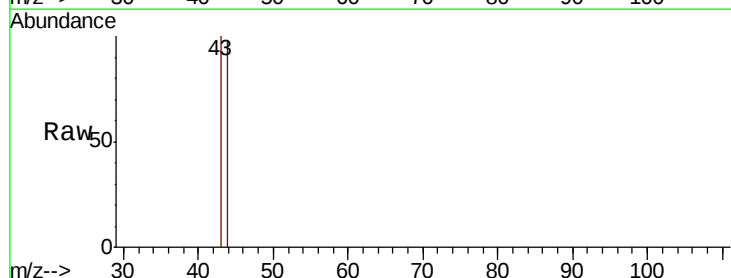
Acq: 23 Jun 2020 18:37

Tgt Ion: 43 Resp: 184

Ion Ratio Lower Upper

43 100

58 0.0 30.1 90.5#



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2766) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2766) (-)

10.68

250

200

150

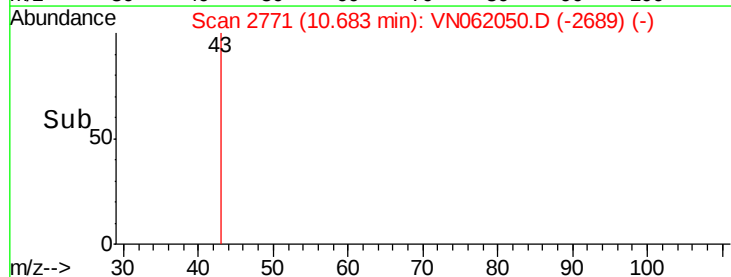
100

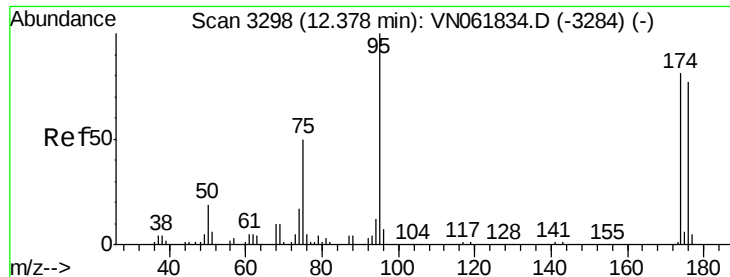
50

0

10.67 10.68 10.69

Time-->





#62

4-Bromofluorobenzene

Concen: 47.909 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062050.D

Acq: 23 Jun 2020 18:37

Instrument :

MSVOA\_N

ClientSampleId :

KY032MW006-200616DL

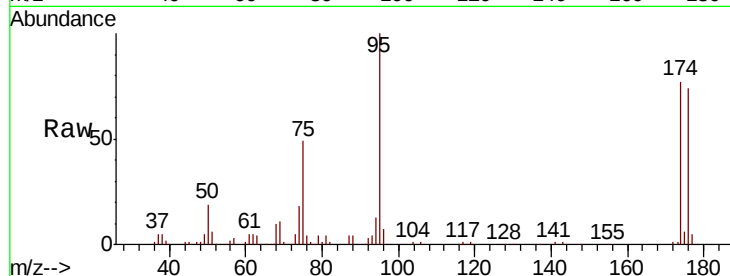
Tot Ion: 95 Resp: 111056

Ion Ratio Lower Upper

95 100

174 76.6 0.0 158.6

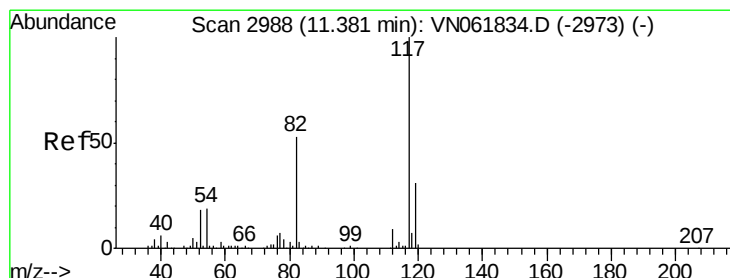
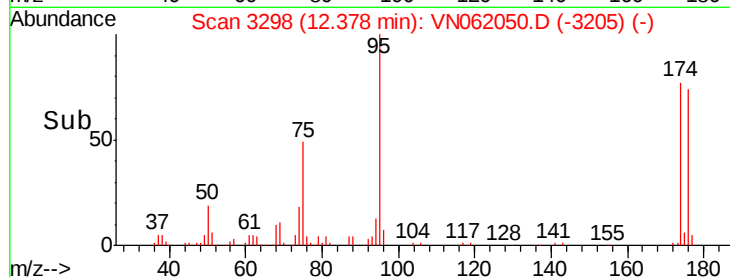
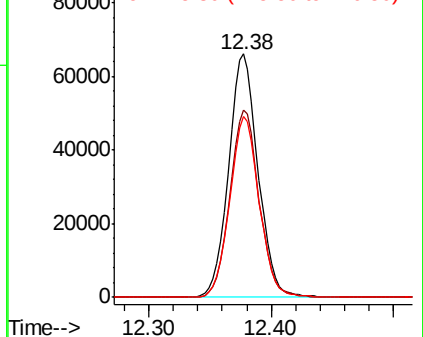
176 74.5 0.0 152.0



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: VN062050.D

Acq: 23 Jun 2020 18:37

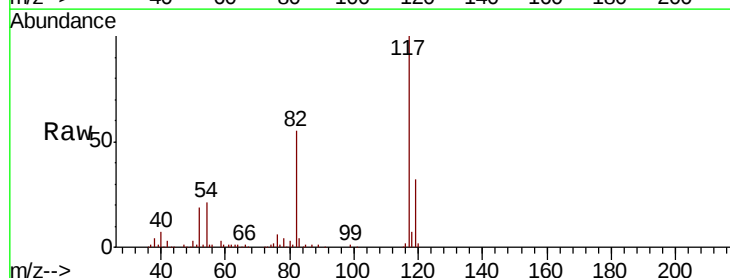
Tgt Ion: 117 Resp: 261392

Ion Ratio Lower Upper

117 100

82 54.8 42.6 64.0

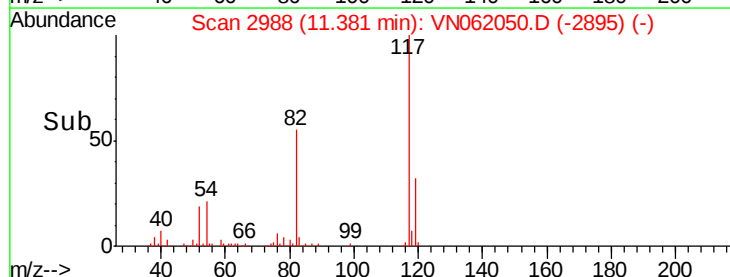
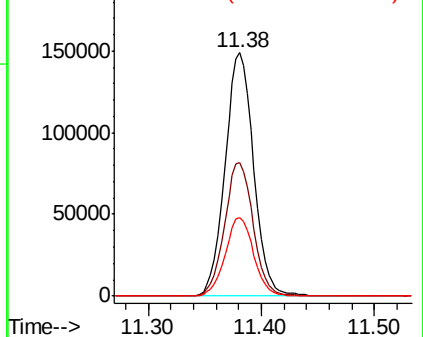
119 32.5 24.7 37.1

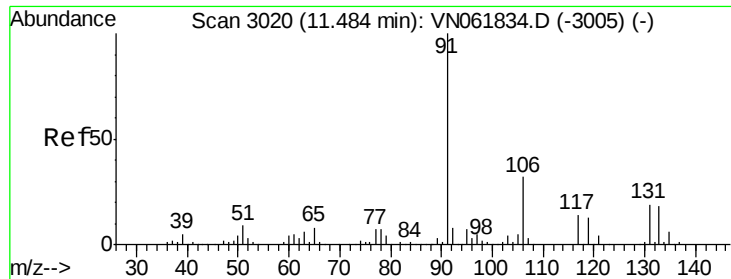


Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061834.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061834.D (-2973) (-)

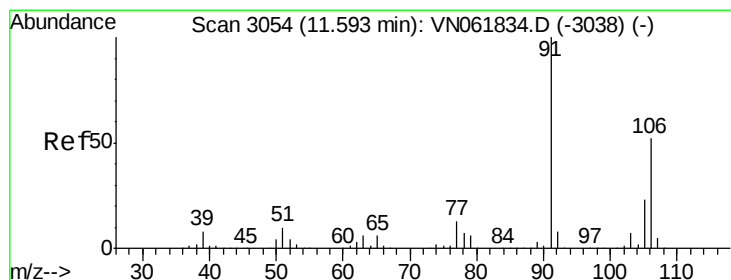
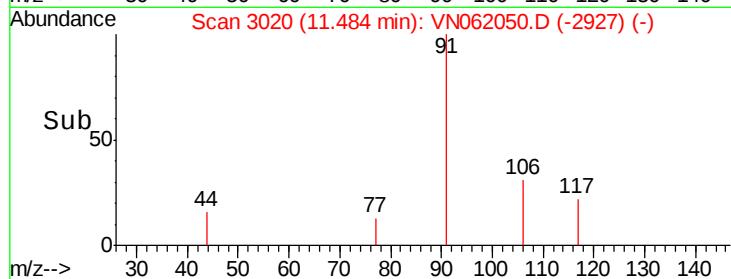
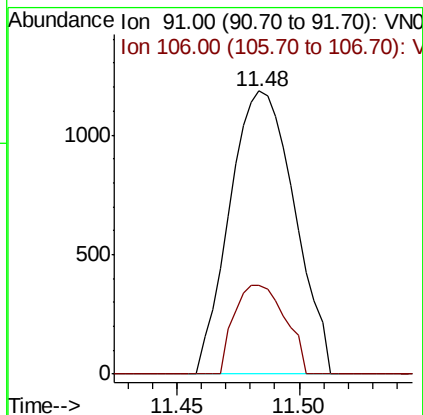
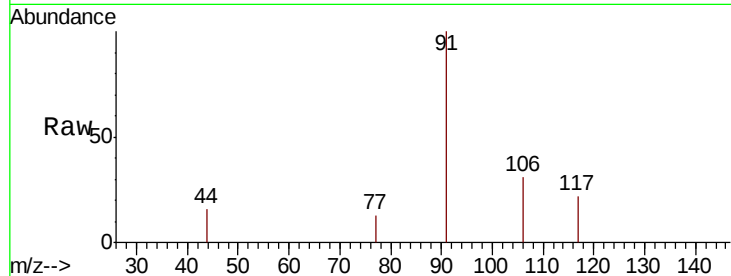




#67  
Ethyl Benzene  
Concen: 0.236 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. 0.00 min  
Lab File: VN062050.D  
Acq: 23 Jun 2020 18:37

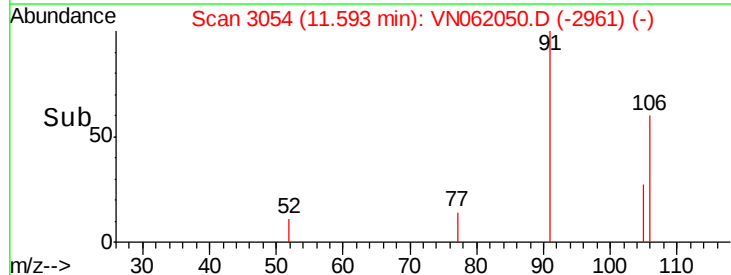
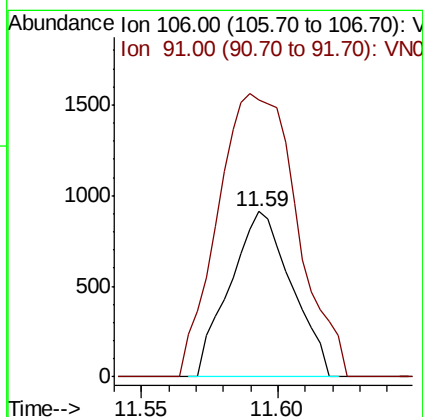
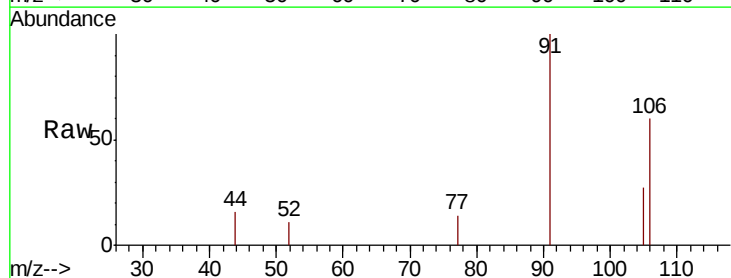
Instrument :  
MSVOA\_N  
ClientSampleId :  
KY032MW006-200616DL

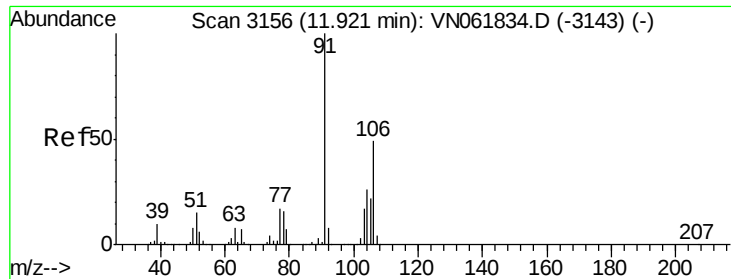
Tot Ion: 91 Resp: 2181  
Ion Ratio Lower Upper  
91 100  
106 31.4 25.4 38.2



#68  
m/p-Xylenes  
Concen: 0.400 ug/l  
RT: 11.59 min Scan# 3054  
Delta R.T. 0.00 min  
Lab File: VN062050.D  
Acq: 23 Jun 2020 18:37

Tgt Ion: 106 Resp: 1428  
Ion Ratio Lower Upper  
106 100  
91 220.5 157.0 235.6

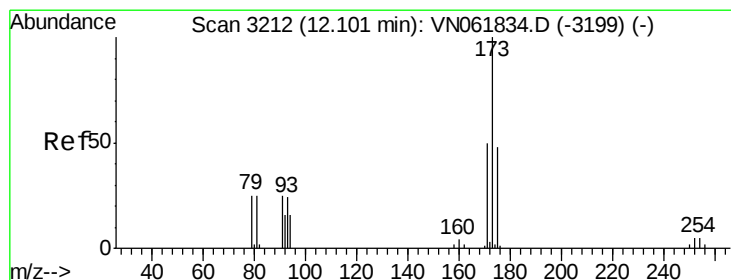
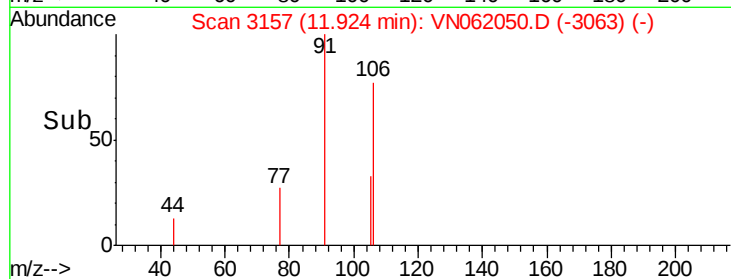
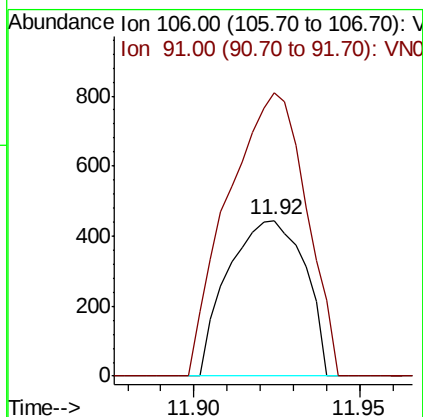
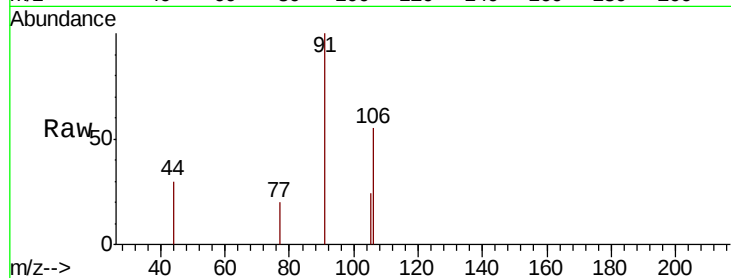




#69  
o-Xylene  
Concen: 0.210 ug/l  
RT: 11.92 min Scan# 3157  
Delta R.T. 0.00 min  
Lab File: VN062050.D  
Acq: 23 Jun 2020 18:37

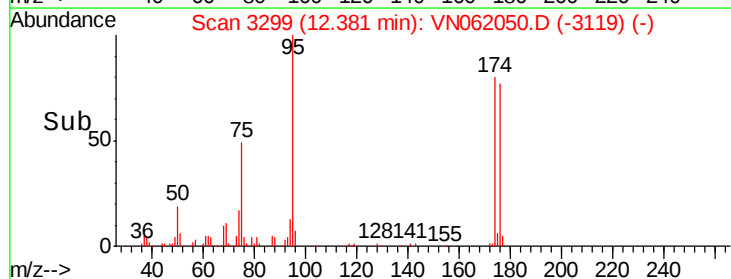
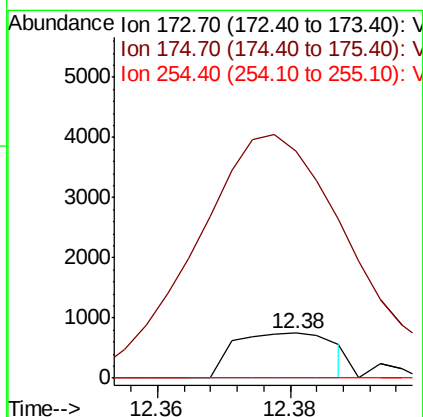
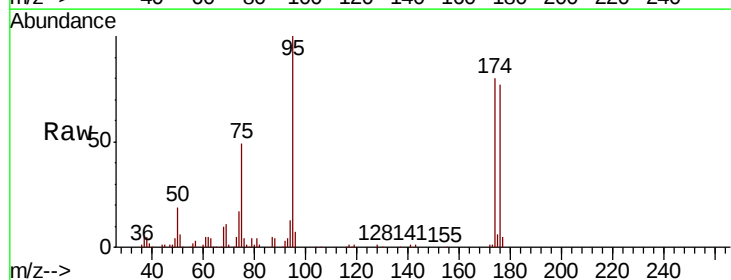
Instrument :  
MSVOA\_N  
ClientSampleId :  
KY032MW006-200616DL

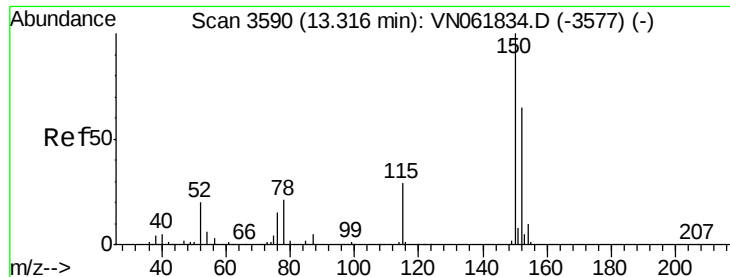
Tot Ion:106 Resp: 716  
Ion Ratio Lower Upper  
106 100  
91 185.5 103.0 308.9



#71  
Bromoform  
Concen: 0.558 ug/l  
RT: 12.38 min Scan# 3299  
Delta R.T. 0.28 min  
Lab File: VN062050.D  
Acq: 23 Jun 2020 18:37

Tgt Ion:173 Resp: 783  
Ion Ratio Lower Upper  
173 100  
175 714.6 23.9 71.7#  
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062050.D

Acq: 23 Jun 2020 18:37

Instrument :

MSVOA\_N

ClientSampleId :

KY032MW006-200616DL

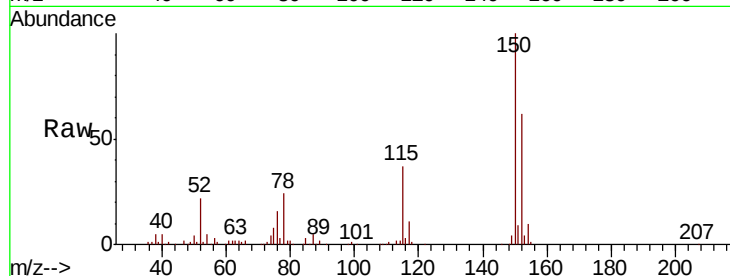
Tot Ion:152 Resp: 95164

Ion Ratio Lower Upper

152 100

115 60.7 29.1 87.3

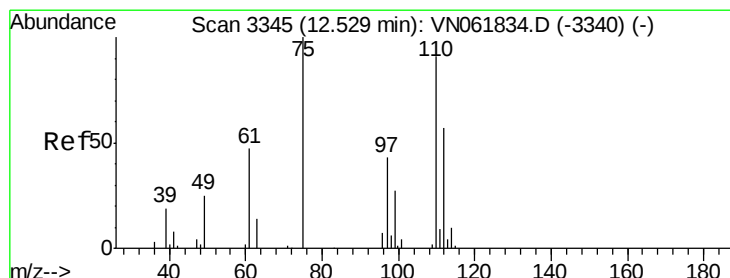
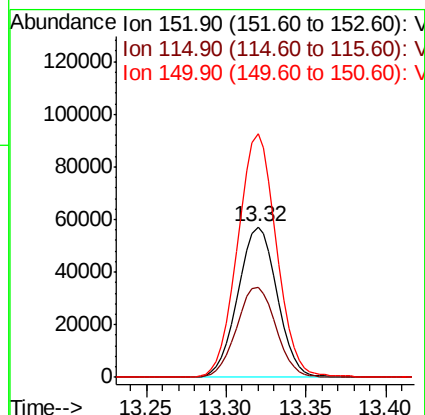
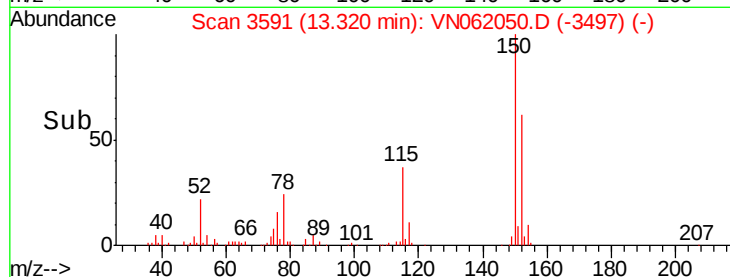
150 160.5 0.0 347.6



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: 29.999 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062050.D

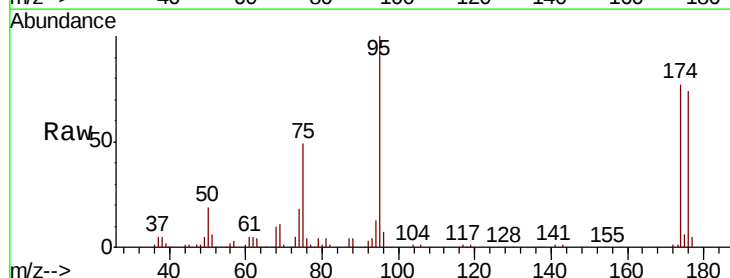
Acq: 23 Jun 2020 18:37

Tgt Ion: 75 Resp: 56048

Ion Ratio Lower Upper

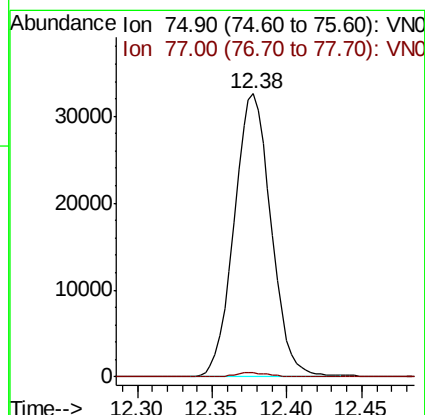
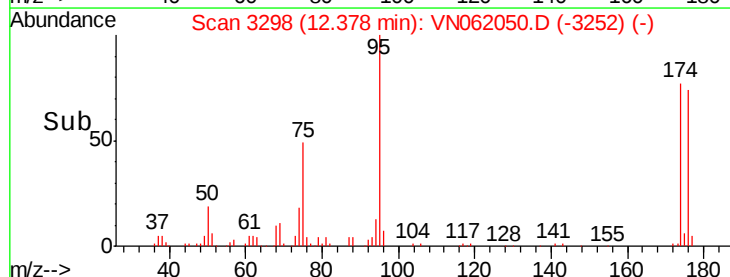
75 100

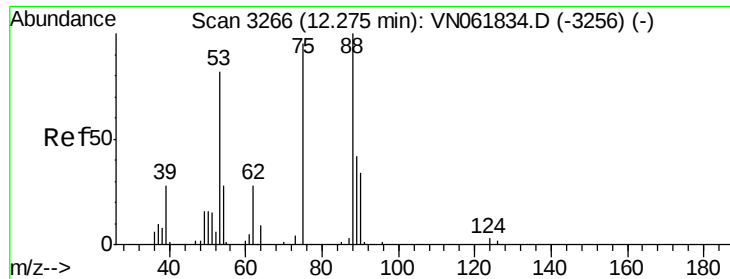
77 1.3 0.0 0.0#



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: 81.821 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062050.D

Acq: 23 Jun 2020 18:37

Instrument :

MSVOA\_N

ClientSampleId :

KY032MW006-200616DL

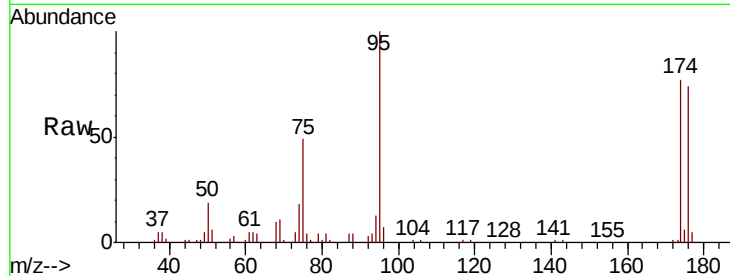
Tot Ion: 75 Resp: 56048

Ion Ratio Lower Upper

75 100

53 0.0 70.4 105.6#

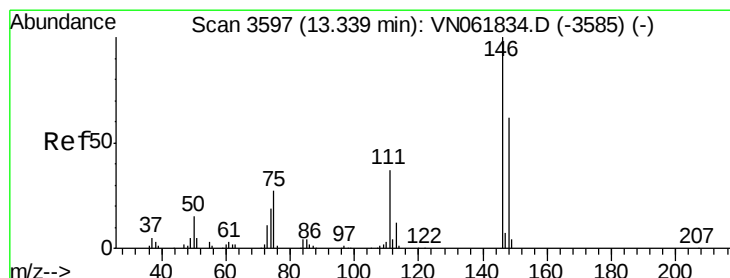
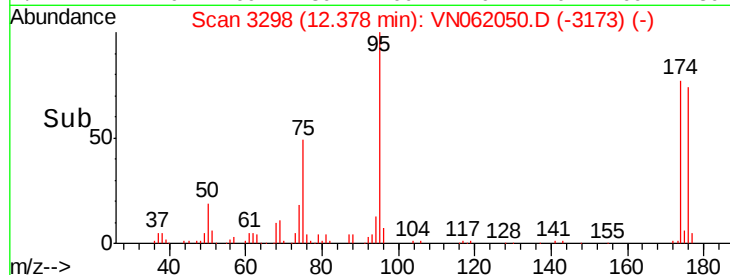
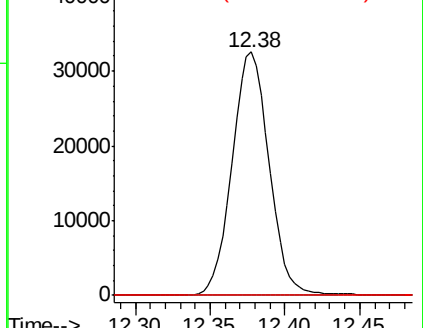
89 0.0 36.0 54.0#



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) (-)



#88

1,4-Dichlorobenzene

Concen: 0.499 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN062050.D

Acq: 23 Jun 2020 18:37

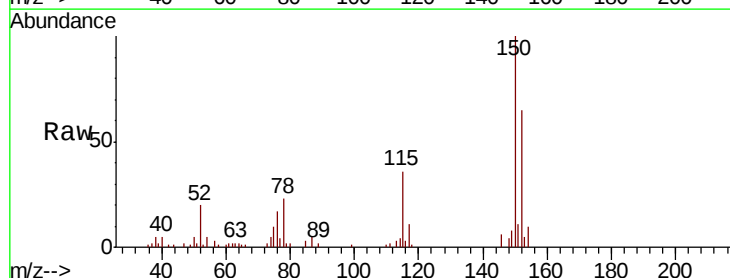
Tgt Ion: 146 Resp: 1590

Ion Ratio Lower Upper

146 100

111 104.6 19.3 57.8#

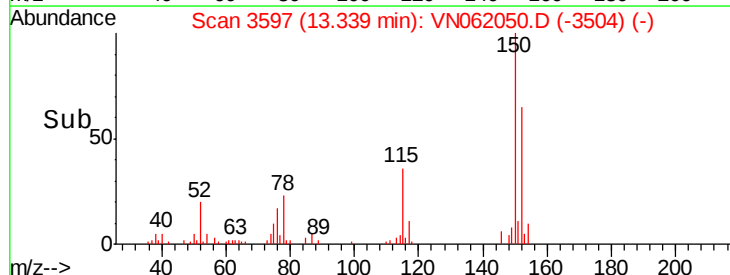
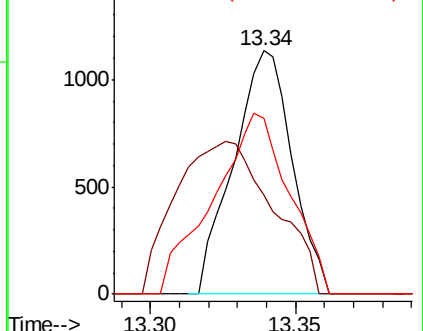
148 96.7 31.6 94.7#

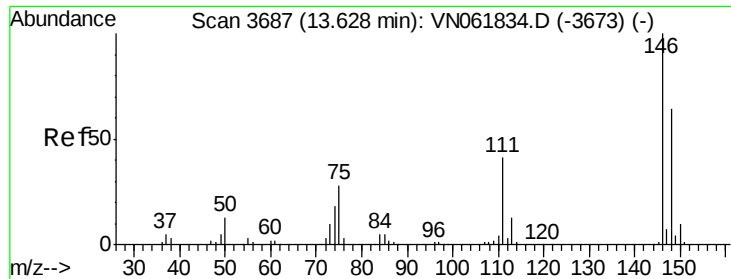


Abundance Ion 145.90 (145.60 to 146.60): VN061834.D (-3585) (-)

Ion 110.90 (110.60 to 111.60): VN061834.D (-3585) (-)

Ion 147.90 (147.60 to 148.60): VN061834.D (-3585) (-)

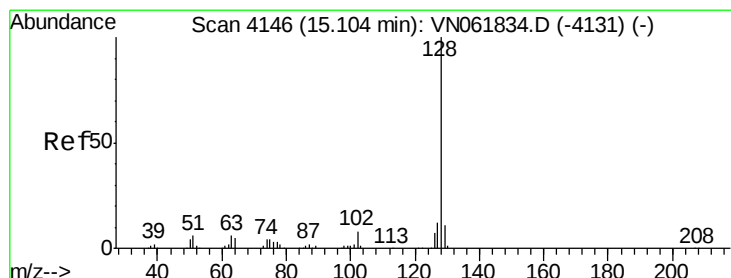
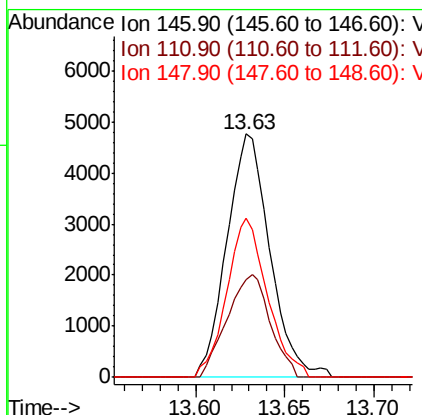
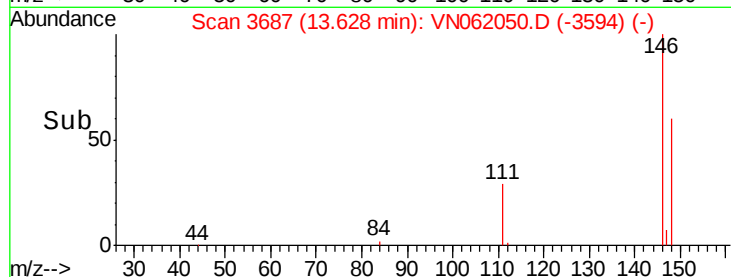
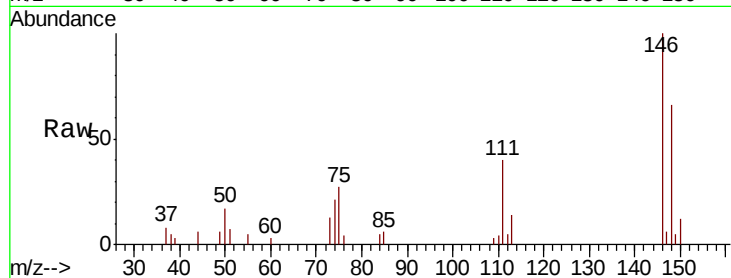




#91  
 1,2-Dichlorobenzene  
 Concen: 2.657 ug/l  
 RT: 13.63 min Scan# 3687  
 Delta R.T. 0.00 min  
 Lab File: VN062050.D  
 Acq: 23 Jun 2020 18:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 KY032MW006-200616DL

Tot Ion:146 Resp: 7960  
 Ion Ratio Lower Upper  
 146 100  
 111 42.3 20.4 61.2  
 148 61.8 31.8 95.4



#95  
 Naphthalene  
 Concen: 3.678 ug/l  
 RT: 15.11 min Scan# 4149  
 Delta R.T. 0.01 min  
 Lab File: VN062050.D  
 Acq: 23 Jun 2020 18:37

Tgt Ion:128 Resp: 993  
 Ion Ratio Lower Upper  
 128 100  
 127 0.0 10.3 15.5#  
 129 0.0 8.6 13.0#

