

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062321\  
 Data File : VN067459.D  
 Acq On : 23 Jun 2021 16:03  
 Operator : JC/MD  
 Sample : VN0623WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 24 05:03:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061421W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 15 05:19:42 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 8.088  | 168   | 255372   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.971  | 114   | 562960   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.746 | 117   | 504401   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.678 | 152   | 191446   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.440  | 65    | 269054   | 53.407   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | = 106.820% |          |
| 35) Dibromofluoromethane     | 8.024  | 113   | 182243   | 48.674   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | = 97.340%  |          |
| 50) Toluene-d8               | 10.443 | 98    | 743593   | 51.816   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | = 103.640% |          |
| 62) 4-Bromofluorobenzene     | 12.733 | 95    | 269278   | 45.468   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | = 90.940%  |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.073  | 85    | 83010    | 20.676   | ug/l       | 98       |
| 3) Chloromethane             | 2.301  | 50    | 93656    | 24.158   | ug/l       | 98       |
| 4) Vinyl Chloride            | 2.443  | 62    | 81023    | 21.317   | ug/l       | 97       |
| 5) Bromomethane              | 2.853  | 94    | 45512    | 28.224   | ug/l       | 99       |
| 6) Chloroethane              | 3.022  | 64    | 51955    | 22.252   | ug/l       | 98       |
| 7) Trichlorofluoromethane    | 3.371  | 101   | 126193   | 23.920   | ug/l       | 98       |
| 8) Diethyl Ether             | 3.821  | 74    | 54002    | 25.164   | ug/l       | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 4.202  | 101   | 70984    | 22.370   | ug/l       | 95       |
| 10) Methyl Iodide            | 4.417  | 142   | 71265    | 25.674   | ug/l #     | 90       |
| 11) Tert butyl alcohol       | 5.388  | 59    | 86780    | 104.639  | ug/l #     | 83       |
| 12) 1,1-Dichloroethene       | 4.181  | 96    | 72513    | 23.676   | ug/l       | 92       |
| 13) Acrolein                 | 4.039  | 56    | 64584    | 124.760  | ug/l       | 98       |
| 14) Allyl chloride           | 4.835  | 41    | 148686   | 21.880   | ug/l       | 93       |
| 15) Acrylonitrile            | 5.556  | 53    | 244079   | 134.090  | ug/l #     | 89       |
| 16) Acetone                  | 4.291  | 43    | 194108   | 100.405  | ug/l       | 94       |
| 17) Carbon Disulfide         | 4.527  | 76    | 211846   | 21.415   | ug/l       | 100      |
| 18) Methyl Acetate           | 4.859  | 43    | 113008   | 24.107   | ug/l       | 96       |
| 19) Methyl tert-butyl Ether  | 5.621  | 73    | 287809   | 23.410   | ug/l       | 93       |
| 20) Methylene Chloride       | 5.095  | 84    | 94013    | 23.372   | ug/l       | 95       |
| 21) trans-1,2-Dichloroethene | 5.597  | 96    | 78305    | 23.071   | ug/l       | 96       |
| 22) Diisopropyl ether        | 6.503  | 45    | 309134   | 24.644   | ug/l       | 95       |
| 23) Vinyl Acetate            | 6.436  | 43    | 1314414  | 114.355  | ug/l       | 99       |
| 24) 1,1-Dichloroethane       | 6.385  | 63    | 168512   | 23.947   | ug/l       | 100      |
| 25) 2-Butanone               | 7.343  | 43    | 325548   | 117.845  | ug/l       | 98       |
| 26) 2,2-Dichloropropane      | 7.327  | 77    | 134626   | 18.875   | ug/l       | 96       |
| 27) cis-1,2-Dichloroethene   | 7.329  | 96    | 93005    | 23.287   | ug/l       | 96       |
| 28) Bromochloromethane       | 7.656  | 49    | 78850    | 24.078   | ug/l       | 91       |
| 29) Tetrahydrofuran          | 7.691  | 42    | 209124   | 120.068  | ug/l       | 95       |
| 30) Chloroform               | 7.820  | 83    | 160740   | 21.757   | ug/l       | 97       |
| 31) Cyclohexane              | 8.096  | 56    | 157734   | 23.032   | ug/l       | 99       |
| 32) 1,1,1-Trichloroethane    | 8.013  | 97    | 131684   | 19.405   | ug/l       | 99       |
| 36) 1,1-Dichloropropene      | 8.222  | 75    | 119354   | 18.911   | ug/l       | 99       |
| 37) Ethyl Acetate            | 7.420  | 43    | 140314   | 20.984   | ug/l       | 98       |
| 38) Carbon Tetrachloride     | 8.206  | 117   | 103606   | 15.273   | ug/l       | 97       |
| 39) Methylcyclohexane        | 9.461  | 83    | 138732   | 20.769   | ug/l       | 94       |
| 40) Benzene                  | 8.461  | 78    | 367840   | 20.882   | ug/l       | 96       |

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 Sample : VN0623WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 24 05:03:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061421W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 15 05:19:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.640  | 41   | 70214    | 20.200  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.533  | 62   | 125449   | 16.854  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.566  | 43   | 237285   | 19.771  | ug/l   | 98       |
| 44) Trichloroethene           | 9.217  | 130  | 75711    | 18.379  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.494  | 63   | 104137   | 22.165  | ug/l   | 98       |
| 46) Dibromomethane            | 9.579  | 93   | 61560    | 19.259  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.762  | 83   | 123450   | 17.218  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.561  | 41   | 108564   | 19.839  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.574  | 88   | 31811    | 424.729 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.333 | 43   | 704354   | 101.936 | ug/l   | 96       |
| 52) Toluene                   | 10.507 | 92   | 225388   | 20.347  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.722 | 75   | 136016   | 17.131  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 152954   | 19.061  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 10.899 | 97   | 86026    | 20.087  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.765 | 69   | 154418   | 20.055  | ug/l   | 92       |
| 57) 1,3-Dichloropropane       | 11.046 | 76   | 158601   | 20.274  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.043 | 63   | 209953   | 93.698  | ug/l   | 94       |
| 59) 2-Hexanone                | 11.089 | 43   | 501077   | 98.983  | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.242 | 129  | 76251    | 16.284  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.350 | 107  | 83994    | 18.733  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.979 | 164  | 67900    | 18.959  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.773 | 112  | 211393   | 19.260  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.846 | 131  | 70469    | 17.241  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.848 | 91   | 425081   | 19.584  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.956 | 106  | 295792   | 38.336  | ug/l   | 98       |
| 69) o-Xylene                  | 12.283 | 106  | 148820   | 19.719  | ug/l   | 97       |
| 70) Styrene                   | 12.296 | 104  | 242998   | 19.371  | ug/l   | 97       |
| 71) Bromoform                 | 12.463 | 173  | 45341    | 14.518  | ug/l # | 94       |
| 73) Isopropylbenzene          | 12.581 | 105  | 383255   | 20.863  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.390 | 43   | 186221   | 20.764  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 127975   | 23.367  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.884 | 75   | 167199   | 33.631  | ug/l # | 100      |
| 77) Bromobenzene              | 12.862 | 156  | 72701    | 19.434  | ug/l   | 91       |
| 78) n-propylbenzene           | 12.924 | 91   | 470708   | 21.543  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 282192   | 20.742  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.063 | 105  | 315495   | 20.387  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.626 | 75   | 38635    | 19.260  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 271444   | 20.038  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.326 | 119  | 255208   | 20.712  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 314363   | 20.562  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.503 | 105  | 371614   | 21.301  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.618 | 119  | 278022   | 19.746  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.618 | 146  | 131183   | 19.440  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.699 | 146  | 128670   | 18.957  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.946 | 91   | 269840   | 20.396  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.211 | 117  | 50017    | 18.165  | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 128805   | 20.117  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.605 | 75   | 23725    | 17.329  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 56527    | 16.910  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.375 | 225  | 26706    | 13.911  | ug/l   | 95       |
| 95) Naphthalene               | 15.507 | 128  | 204941   | 19.313  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 56850    | 17.714  | ug/l   | 97       |

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Operator : JC/MD  
Sample : VN0623WBSD01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 11 Sample Multiplier: 1

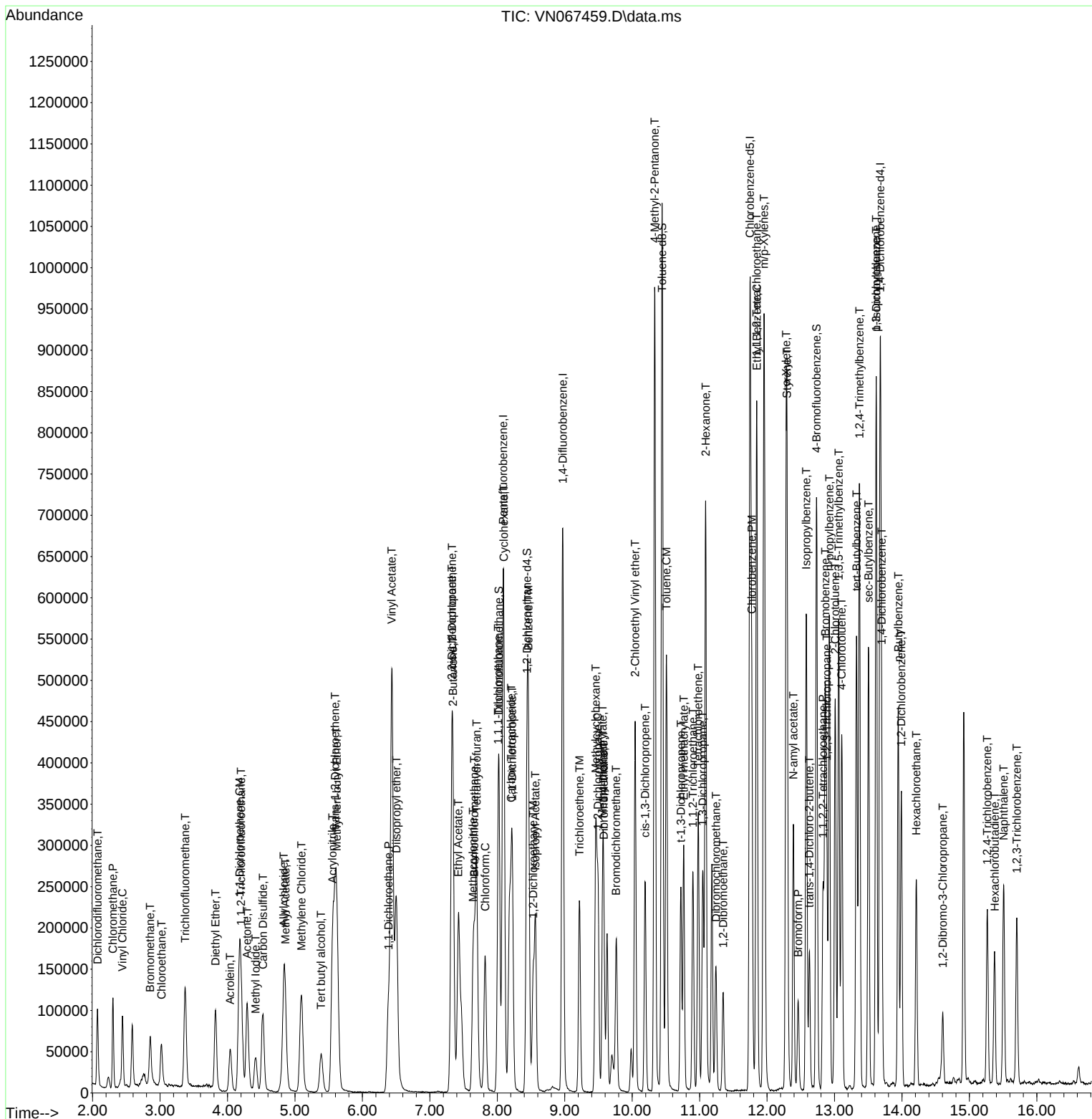
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MSVOA\_N  
ClientSampleId :

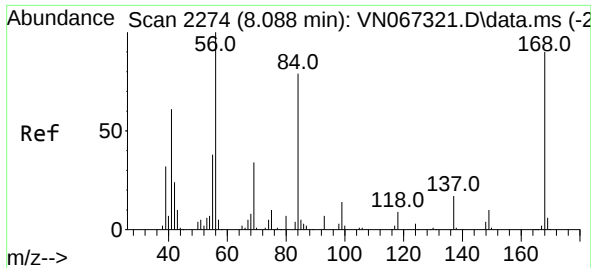
Quant Time: Jun 24 05:03:38 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061421W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 15 05:19:42 2021  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

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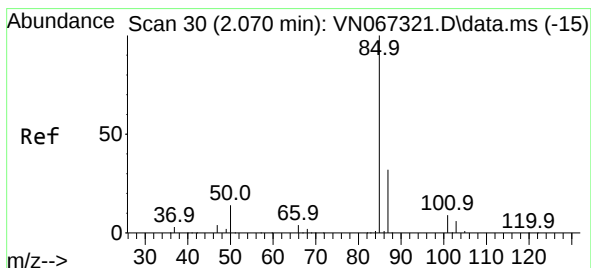
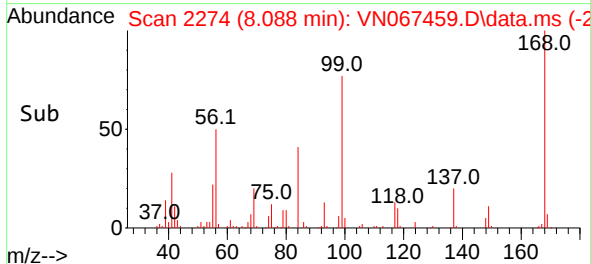
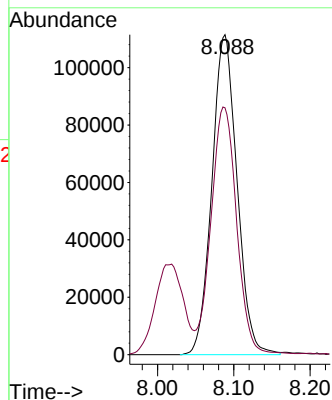
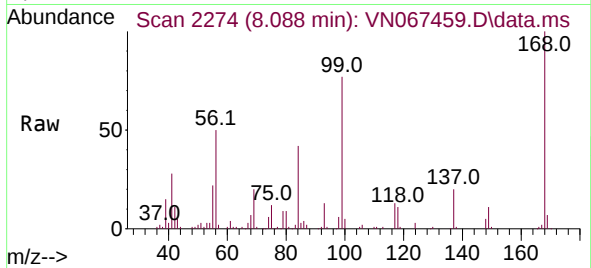




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

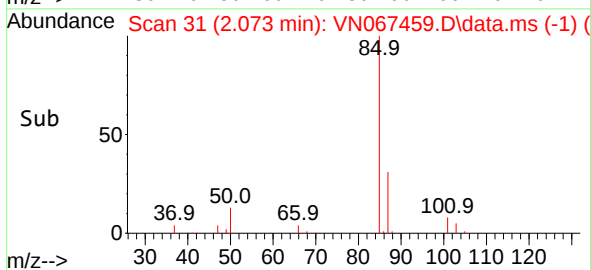
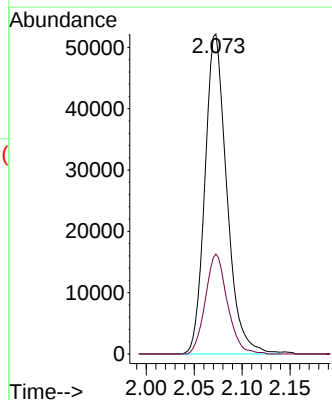
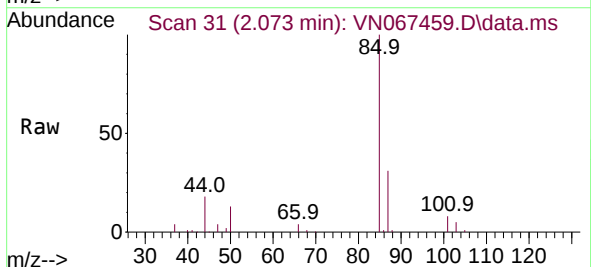
Instrument :  
MSVOA\_N  
ClientSampleId :

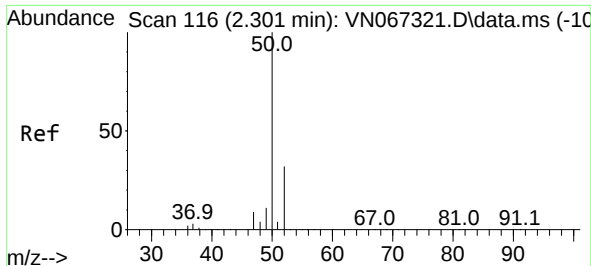
Tgt Ion:168 Resp: 255372  
Ion Ratio Lower Upper  
168 100  
99 76.6 62.9 94.3



#2  
Dichlorodifluoromethane  
Concen: 20.676 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion: 85 Resp: 83010  
Ion Ratio Lower Upper  
85 100  
87 31.2 16.1 48.2

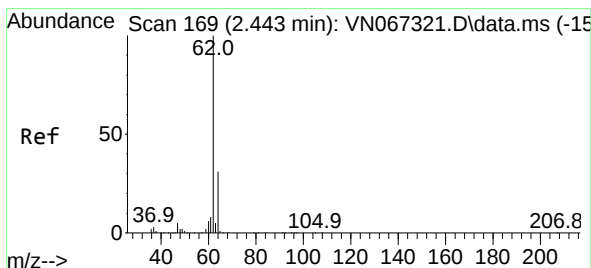
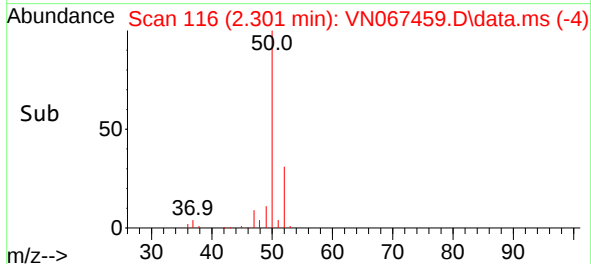
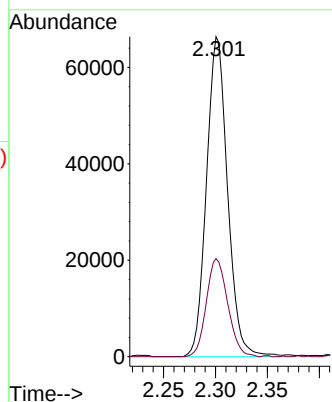
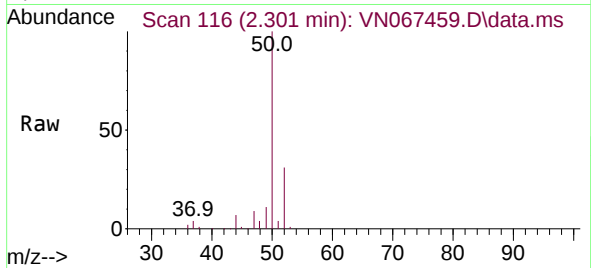




#3  
Chloromethane  
Concen: 24.158 ug/l  
RT: 2.301 min Scan# 116  
Delta R.T. -0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

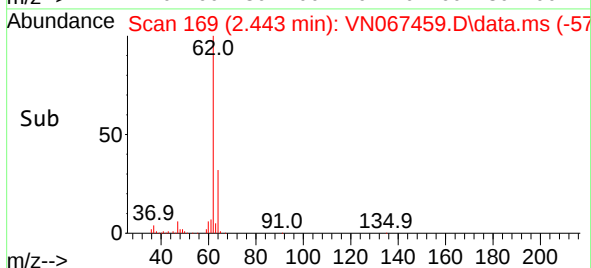
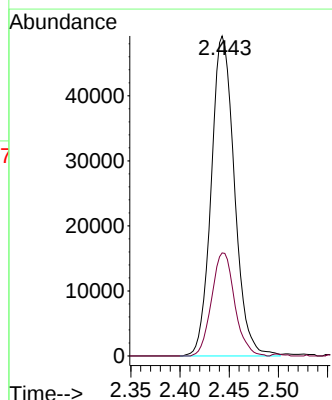
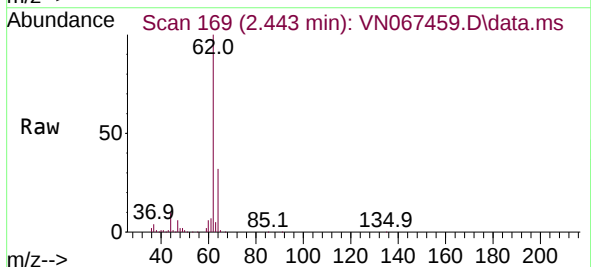
Instrument :  
MSVOA\_N  
ClientSampled :

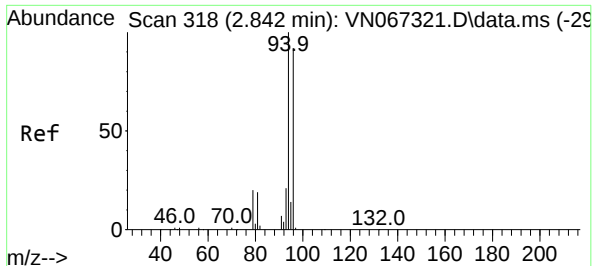
Tgt Ion: 50 Resp: 93656  
Ion Ratio Lower Upper  
50 100  
52 30.6 25.6 38.4



#4  
Vinyl Chloride  
Concen: 21.317 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. -0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion: 62 Resp: 81023  
Ion Ratio Lower Upper  
62 100  
64 32.2 24.4 36.6

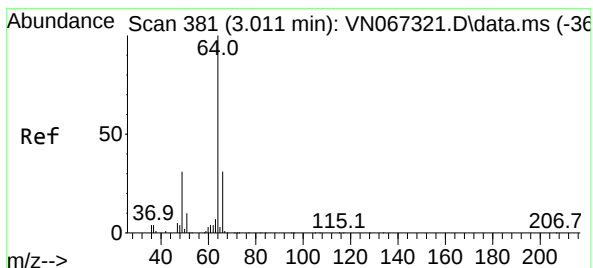
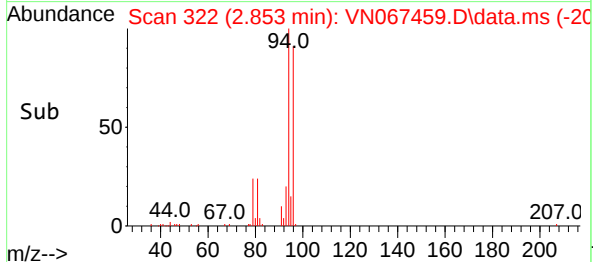
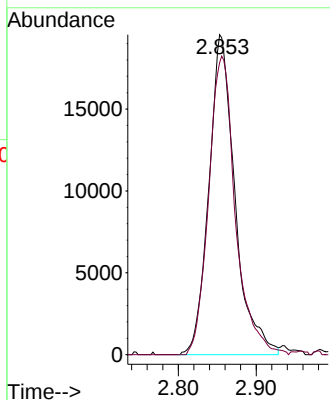
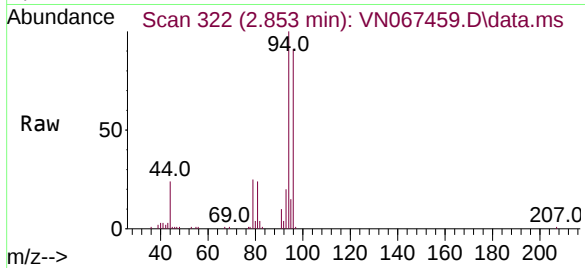




#5  
Bromomethane  
Concen: 28.224 ug/l  
RT: 2.853 min Scan# 322  
Delta R.T. 0.011 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

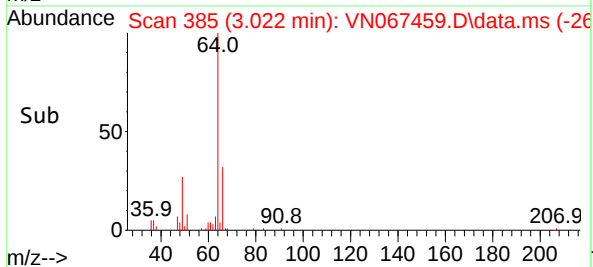
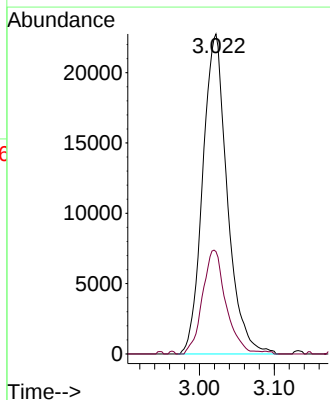
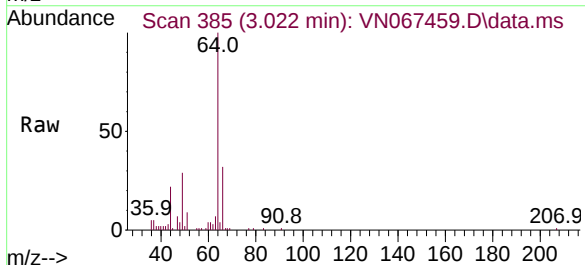
Instrument :  
MSVOA\_N  
ClientSampleId :

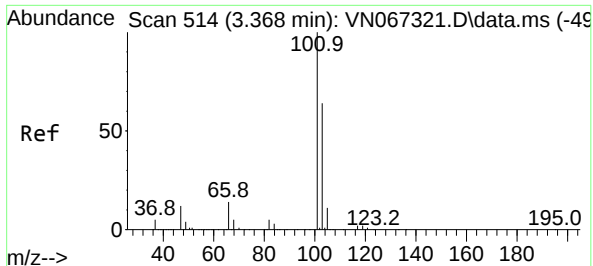
Tgt Ion: 94 Resp: 45512  
Ion Ratio Lower Upper  
94 100  
96 91.3 73.7 110.5



#6  
Chloroethane  
Concen: 22.252 ug/l  
RT: 3.022 min Scan# 385  
Delta R.T. 0.011 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion: 64 Resp: 51955  
Ion Ratio Lower Upper  
64 100  
66 32.0 24.7 37.1

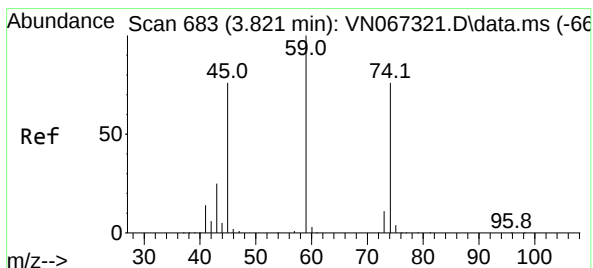
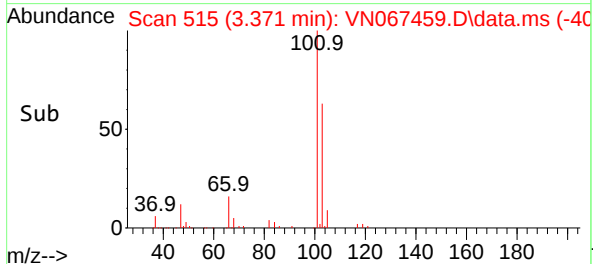
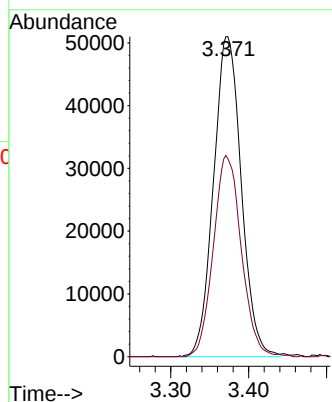
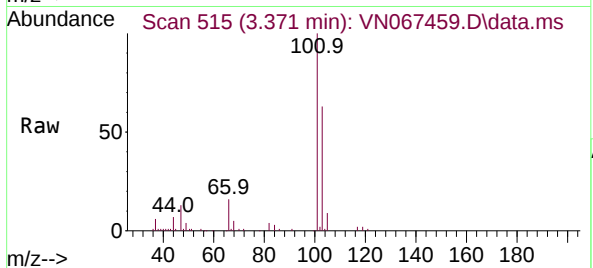




#7  
 Trichlorofluoromethane  
 Concen: 23.920 ug/l  
 RT: 3.371 min Scan# 515  
 Delta R.T. 0.003 min  
 Lab File: VN067459.D  
 Acq: 23 Jun 2021 16:03

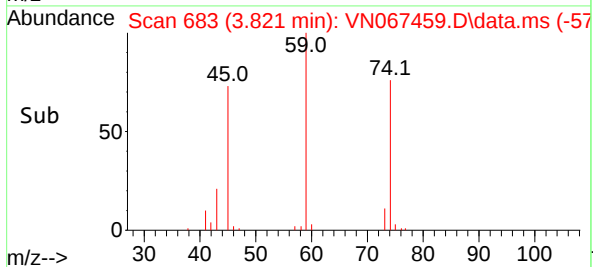
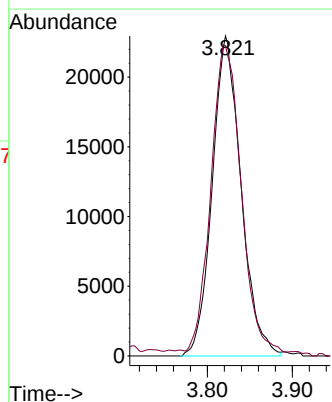
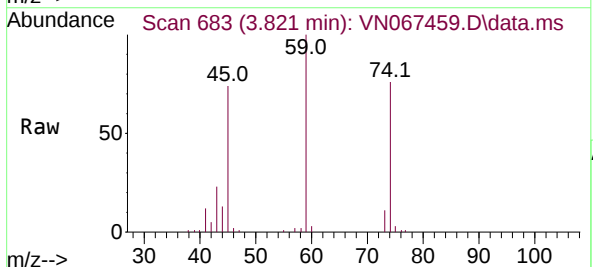
Instrument :  
 MSVOA\_N  
 ClientSampled :

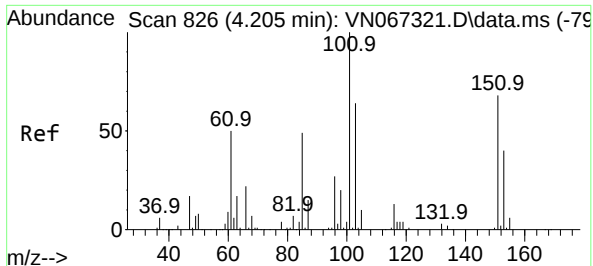
Tgt Ion:101 Resp: 126193  
 Ion Ratio Lower Upper  
 101 100  
 103 62.5 51.2 76.8



#8  
 Diethyl Ether  
 Concen: 25.164 ug/l  
 RT: 3.821 min Scan# 683  
 Delta R.T. 0.000 min  
 Lab File: VN067459.D  
 Acq: 23 Jun 2021 16:03

Tgt Ion: 74 Resp: 54002  
 Ion Ratio Lower Upper  
 74 100  
 45 100.0 50.2 150.7

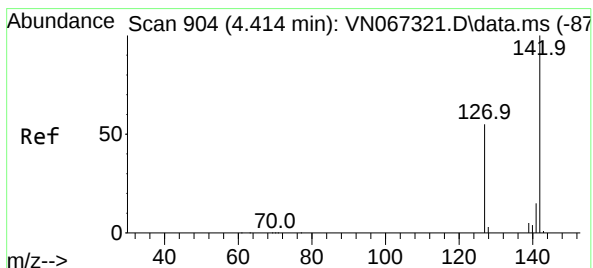
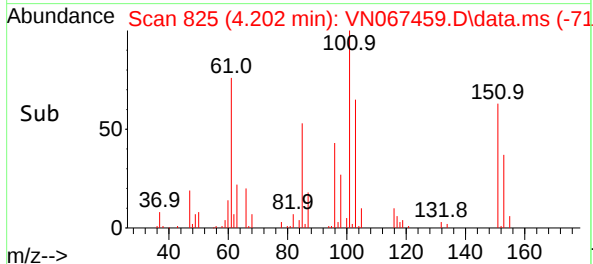
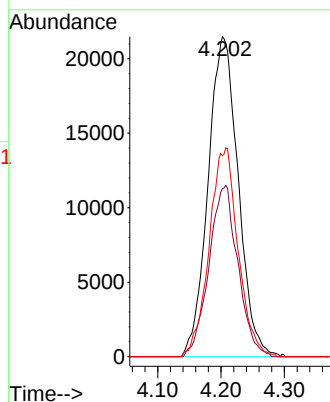
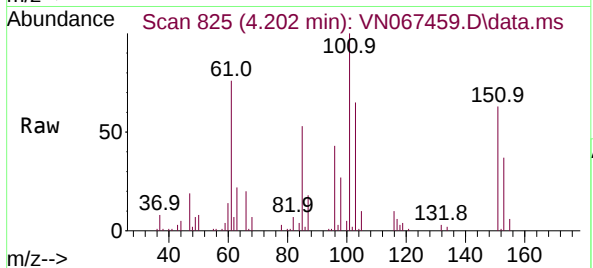




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 22.370 ug/l  
RT: 4.202 min Scan# 825  
Delta R.T. -0.003 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

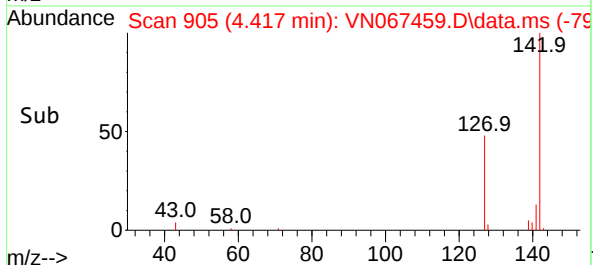
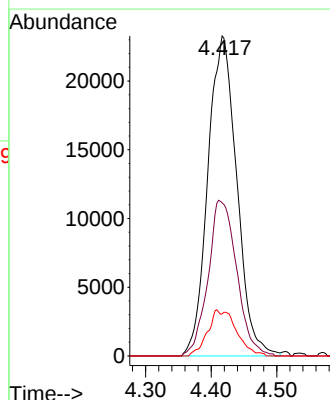
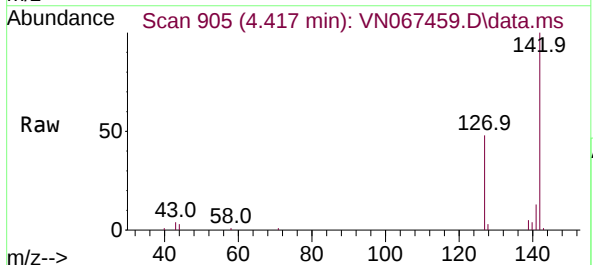
Instrument :  
MSVOA\_N  
ClientSampleId :

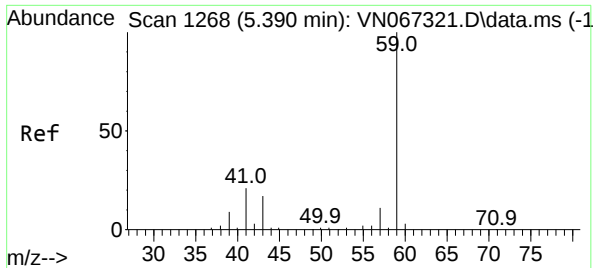
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 70984 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 51.4  | 39.6  | 59.4  |
| 151      | 62.5  | 54.1  | 81.1  |



#10  
Methyl Iodide  
Concen: 25.674 ug/l  
RT: 4.417 min Scan# 905  
Delta R.T. 0.003 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 71265 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 48.3  | 43.1  | 64.7  |
| 141      | 6.5   | 11.4  | 17.0  |

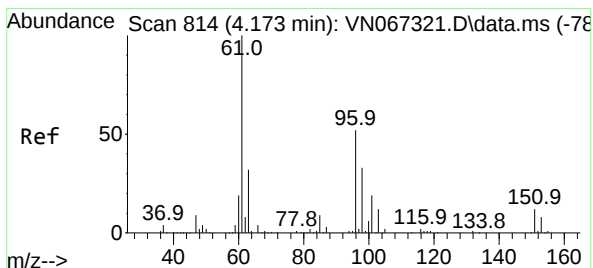
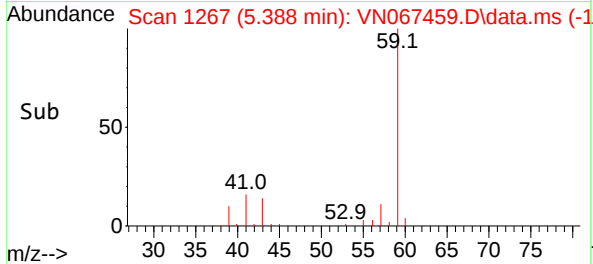
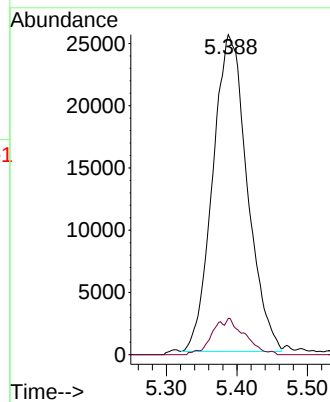
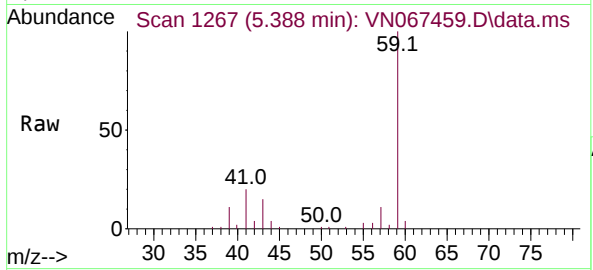




#11  
Tert butyl alcohol  
Concen: 104.639 ug/l  
RT: 5.388 min Scan# 1267  
Delta R.T. -0.002 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

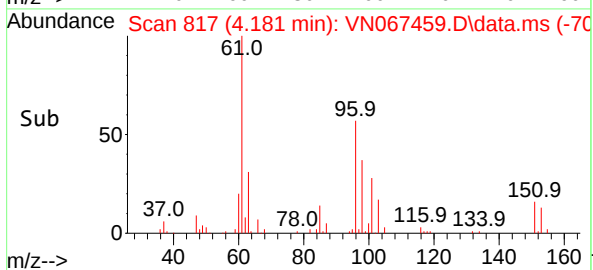
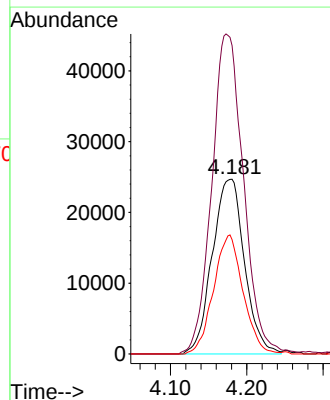
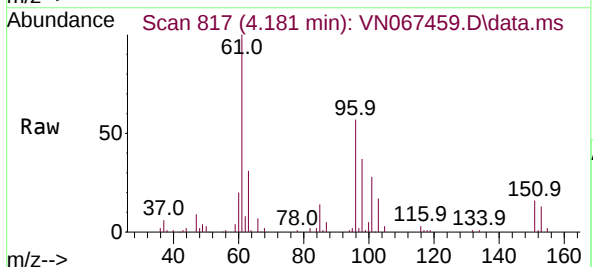
Instrument :  
MSVOA\_N  
ClientSampled :

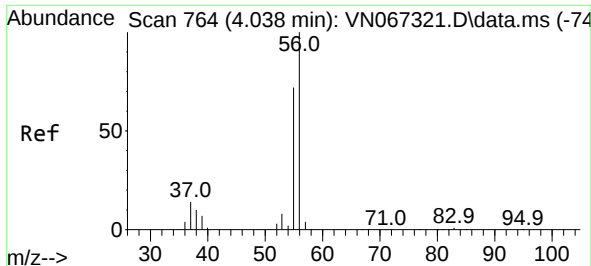
Tgt Ion: 59 Resp: 86780  
Ion Ratio Lower Upper  
59 100  
57 4.4 8.7 13.1#



#12  
1,1-Dichloroethene  
Concen: 23.676 ug/l  
RT: 4.181 min Scan# 817  
Delta R.T. 0.008 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion: 96 Resp: 72513  
Ion Ratio Lower Upper  
96 100  
61 175.5 152.6 229.0  
98 65.4 50.9 76.3

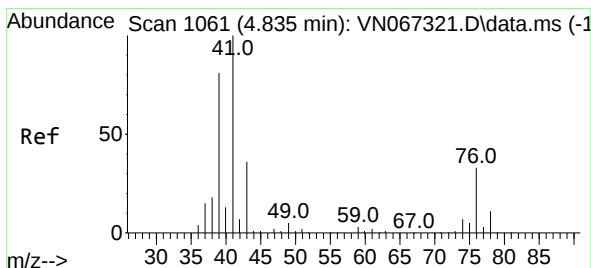
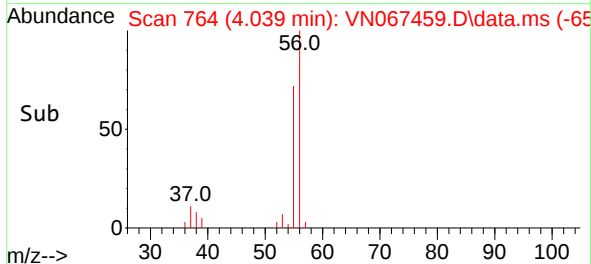
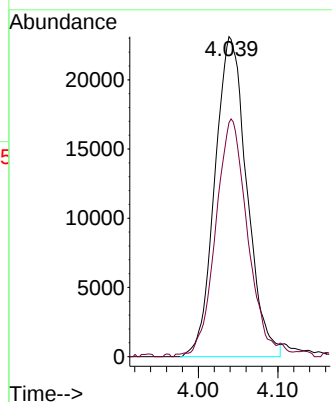
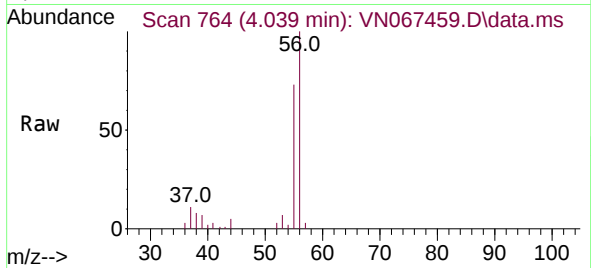




#13  
Acrolein  
Concen: 124.760 ug/l  
RT: 4.039 min Scan# 764  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

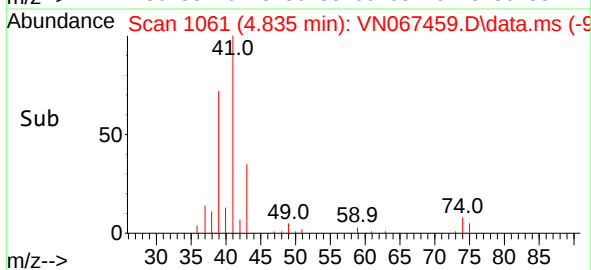
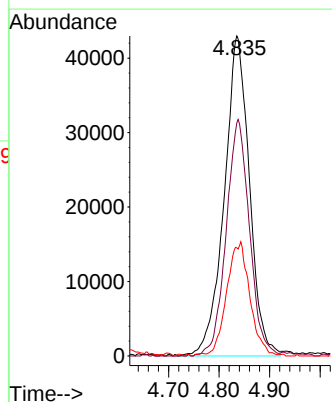
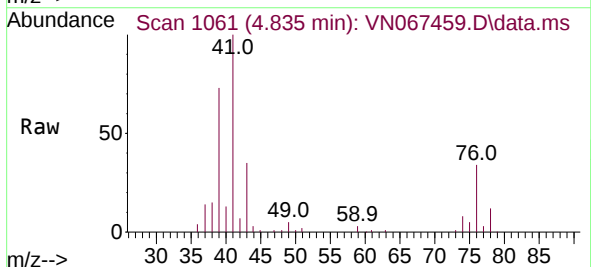
Instrument :  
MSVOA\_N  
ClientSampled :

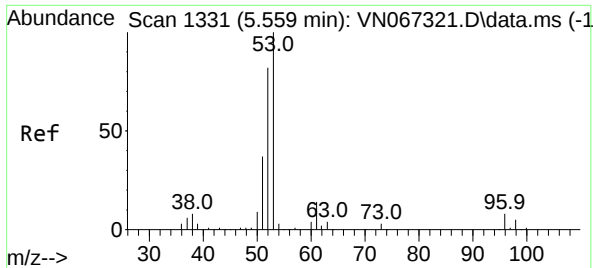
Tgt Ion: 56 Resp: 64584  
Ion Ratio Lower Upper  
56 100  
55 73.6 57.4 86.0



#14  
Allyl chloride  
Concen: 21.880 ug/l  
RT: 4.835 min Scan# 1061  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion: 41 Resp: 148686  
Ion Ratio Lower Upper  
41 100  
39 68.4 60.9 91.3  
76 31.8 24.3 36.5

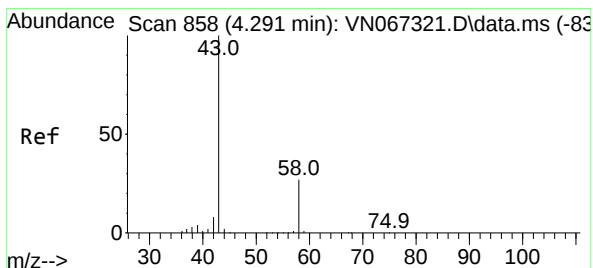
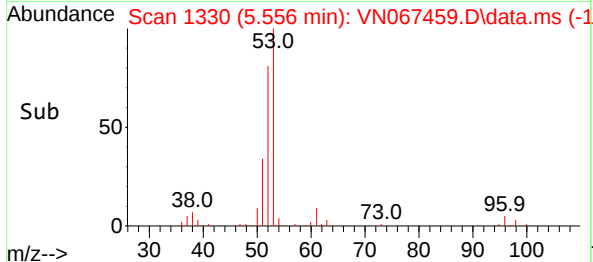
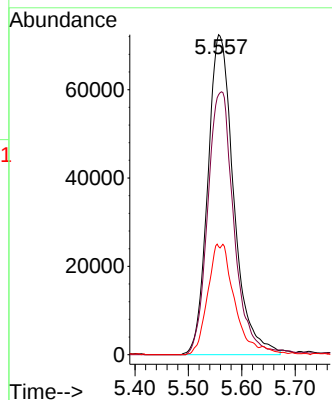
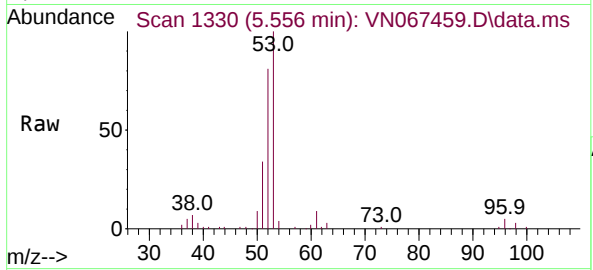




#15  
Acrylonitrile  
Concen: 134.090 ug/l  
RT: 5.556 min Scan# 1330  
Delta R.T. -0.003 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

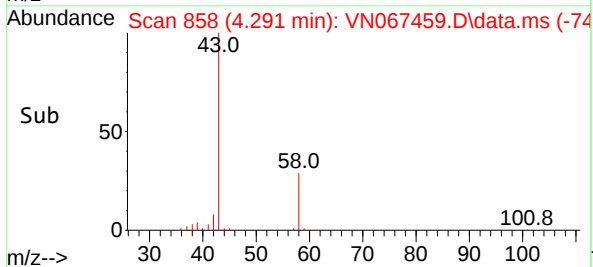
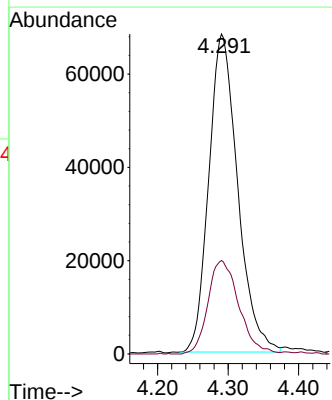
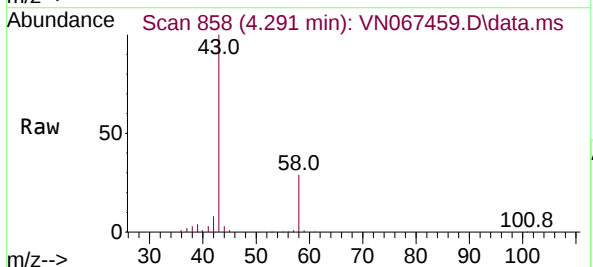
Instrument :  
MSVOA\_N  
ClientSampleId :

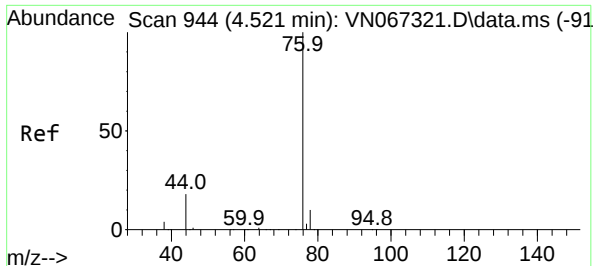
Tgt Ion: 53 Resp: 244079  
Ion Ratio Lower Upper  
53 100  
52 82.8 66.2 99.2  
51 16.8 30.2 45.4#



#16  
Acetone  
Concen: 100.405 ug/l  
RT: 4.291 min Scan# 858  
Delta R.T. -0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion: 43 Resp: 194108  
Ion Ratio Lower Upper  
43 100  
58 29.4 21.2 31.8

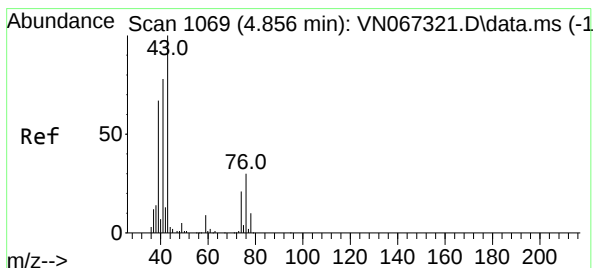
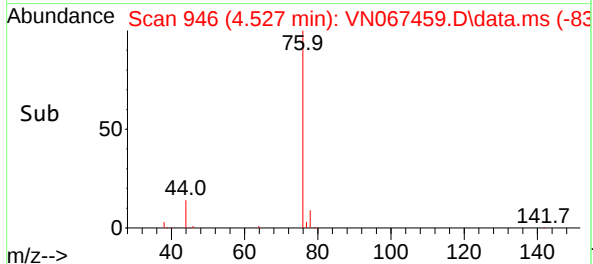
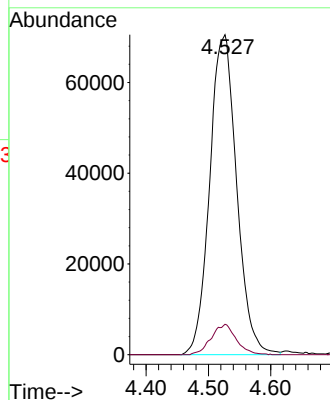
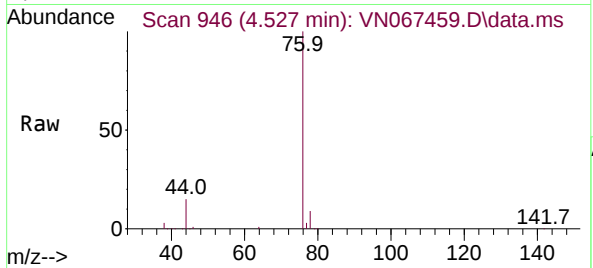




#17  
Carbon Disulfide  
Concen: 21.415 ug/l  
RT: 4.527 min Scan# 946  
Delta R.T. 0.006 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

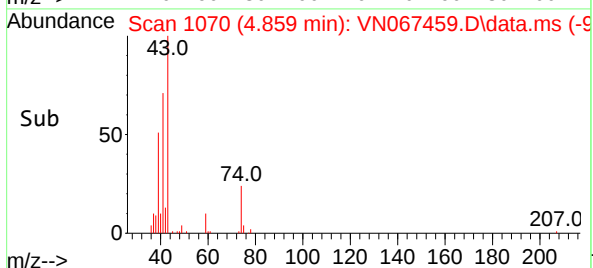
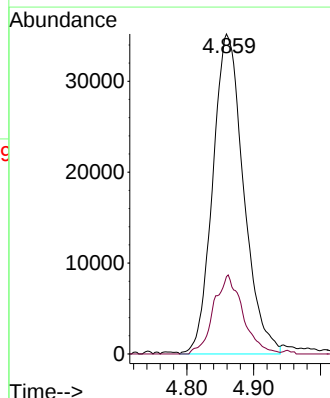
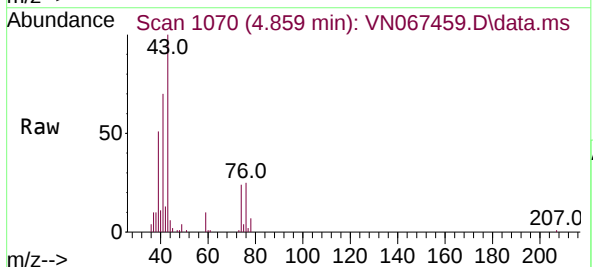
Instrument :  
MSVOA\_N  
ClientSampled :

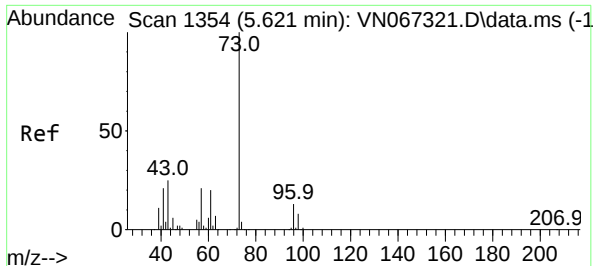
Tgt Ion: 76 Resp: 211846  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.7 11.5



#18  
Methyl Acetate  
Concen: 24.107 ug/l  
RT: 4.859 min Scan# 1070  
Delta R.T. 0.003 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion: 43 Resp: 113008  
Ion Ratio Lower Upper  
43 100  
74 23.4 17.4 26.0



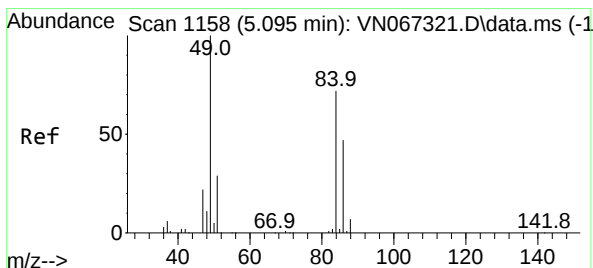
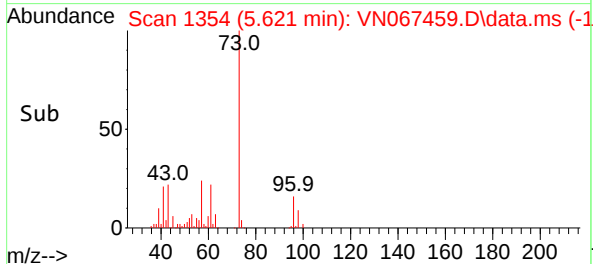
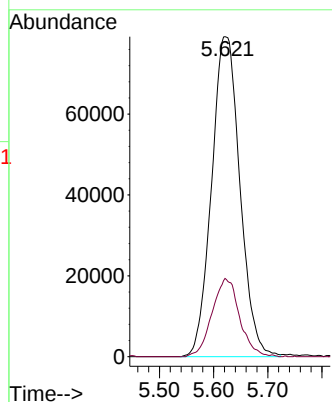
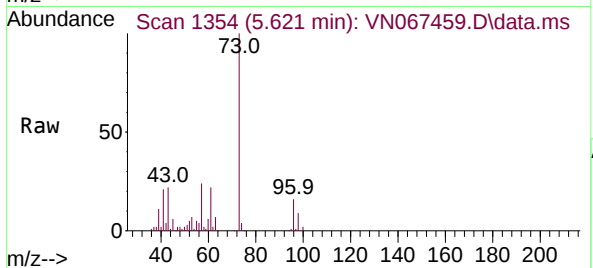


#19

Methyl tert-butyl Ether  
Concen: 23.410 ug/l  
RT: 5.621 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Instrument :  
MSVOA\_N  
ClientSampled :

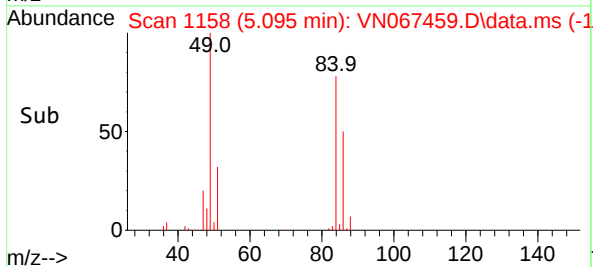
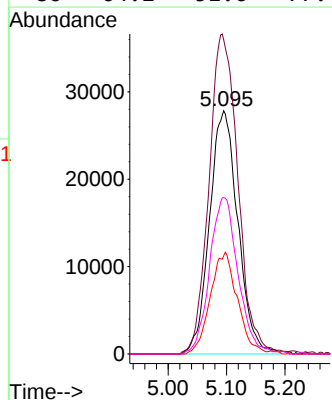
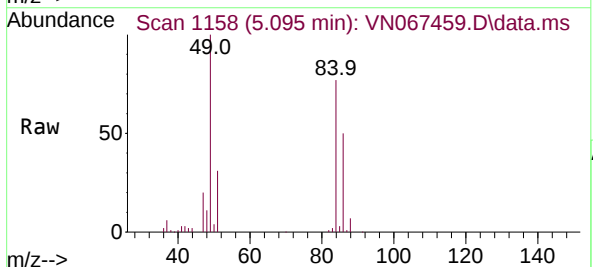
Tgt Ion: 73 Resp: 287809  
Ion Ratio Lower Upper  
73 100  
57 24.5 17.0 25.6

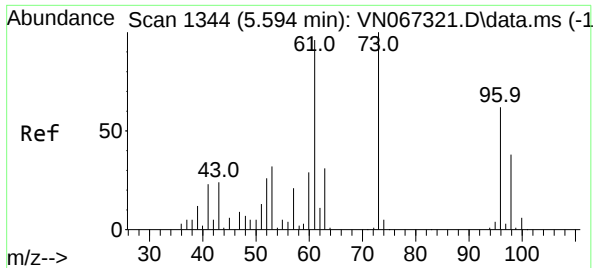


#20

Methylene Chloride  
Concen: 23.372 ug/l  
RT: 5.095 min Scan# 1158  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion: 84 Resp: 94013  
Ion Ratio Lower Upper  
84 100  
49 129.1 110.9 166.3  
51 40.4 32.6 49.0  
86 64.2 51.6 77.4

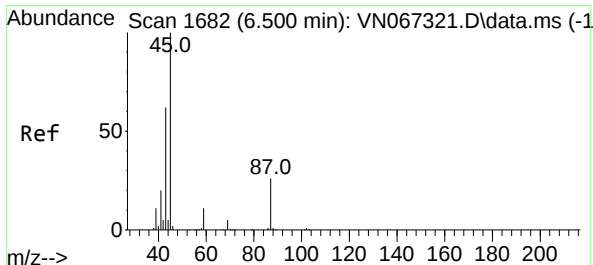
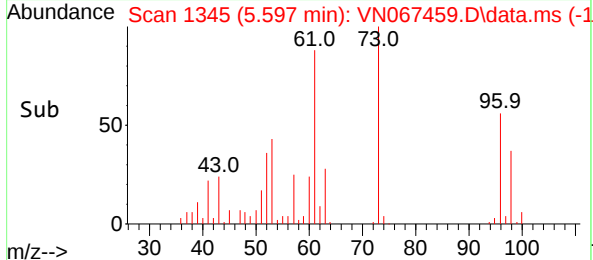
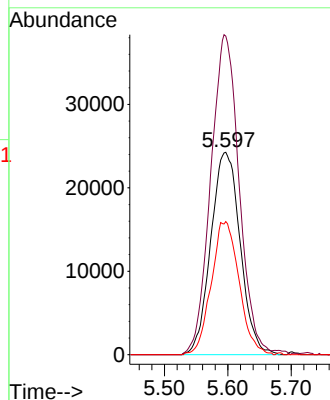
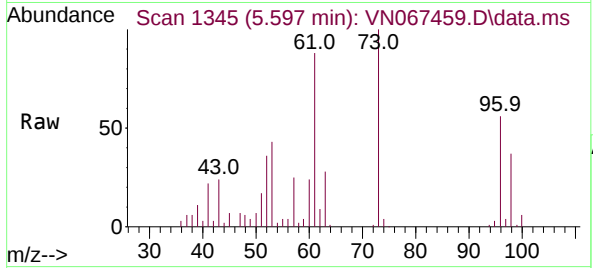




#21  
trans-1,2-Dichloroethene  
Concen: 23.071 ug/l  
RT: 5.597 min Scan# 1345  
Delta R.T. 0.003 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

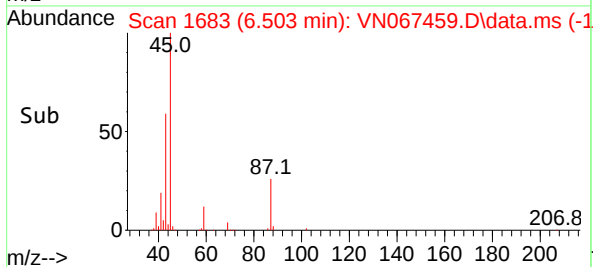
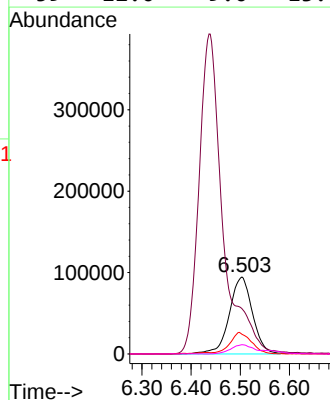
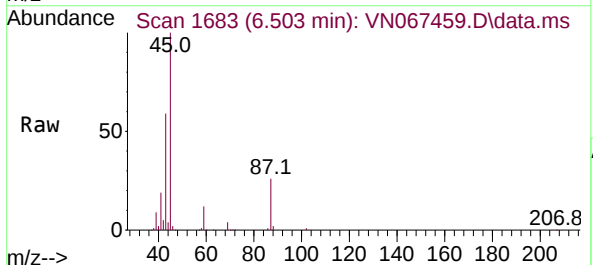
Instrument :  
MSVOA\_N  
ClientSampleId :

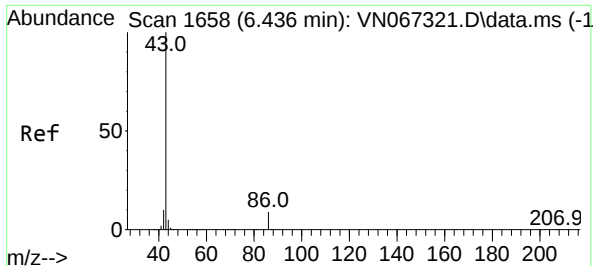
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 78305 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 157.5 | 123.5 | 185.3 |
| 98       | 65.8  | 48.6  | 72.8  |



#22  
Diisopropyl ether  
Concen: 24.644 ug/l  
RT: 6.503 min Scan# 1683  
Delta R.T. 0.003 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 309134 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 56.8  | 49.4  | 74.2   |
| 87       | 25.4  | 20.9  | 31.3   |
| 59       | 12.0  | 9.0   | 13.4   |

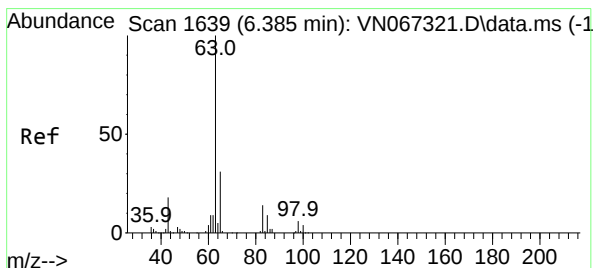
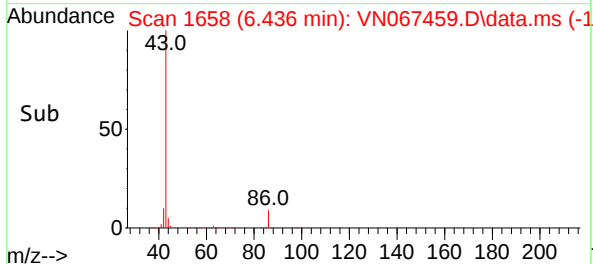
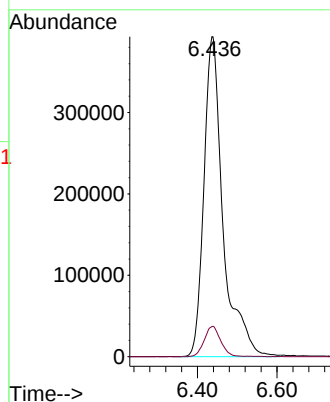
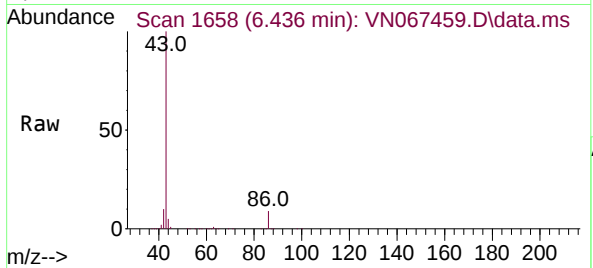




#23  
 Vinyl Acetate  
 Concen: 114.355 ug/l  
 RT: 6.436 min Scan# 1658  
 Delta R.T. 0.000 min  
 Lab File: VN067459.D  
 Acq: 23 Jun 2021 16:03

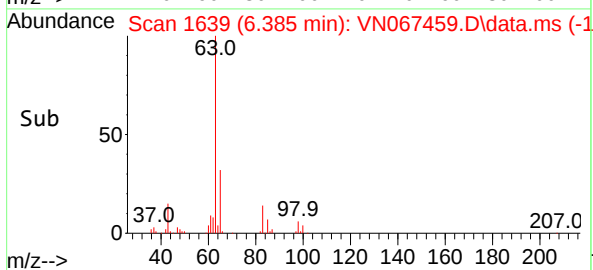
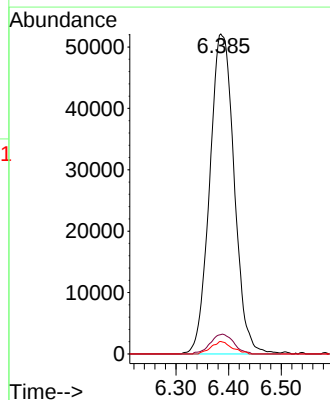
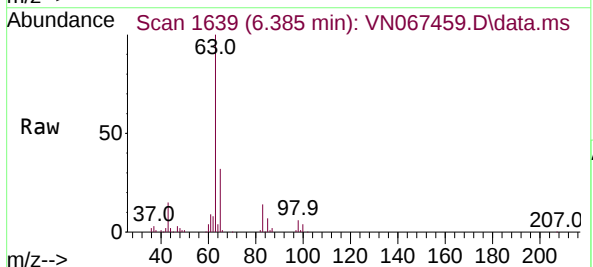
Instrument :  
 MSVOA\_N  
 ClientSampleId :

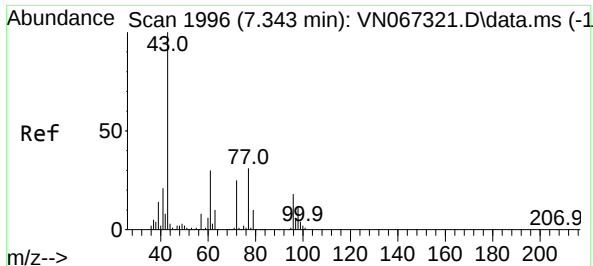
Tgt Ion: 43 Resp: 1314414  
 Ion Ratio Lower Upper  
 43 100  
 86 9.4 7.3 10.9



#24  
 1,1-Dichloroethane  
 Concen: 23.947 ug/l  
 RT: 6.385 min Scan# 1639  
 Delta R.T. 0.000 min  
 Lab File: VN067459.D  
 Acq: 23 Jun 2021 16:03

Tgt Ion: 63 Resp: 168512  
 Ion Ratio Lower Upper  
 63 100  
 98 6.1 3.0 9.0  
 100 3.9 1.9 5.7

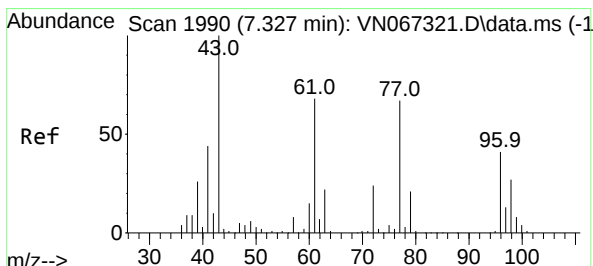
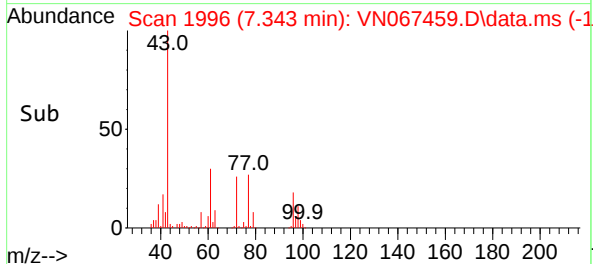
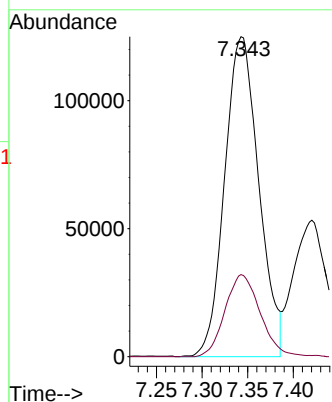
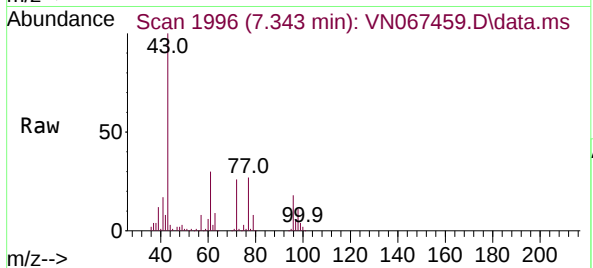




#25  
2-Butanone  
Concen: 117.845 ug/l  
RT: 7.343 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

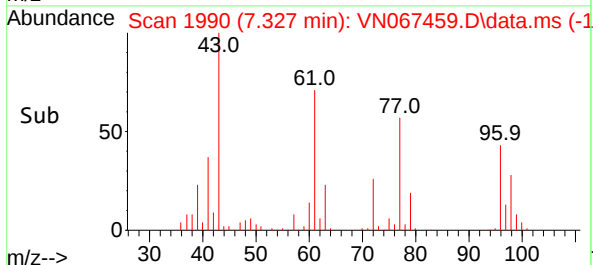
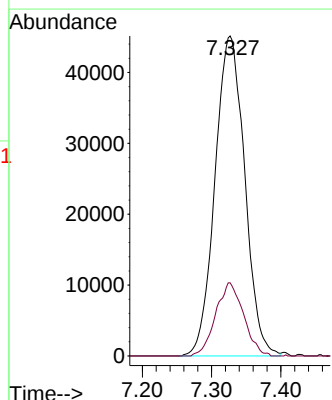
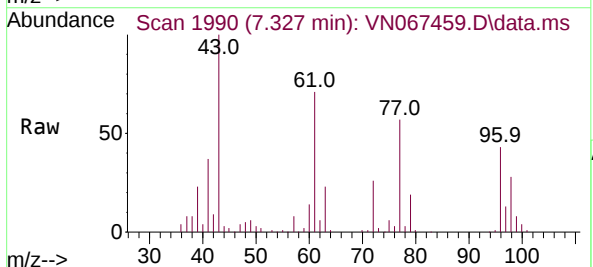
Instrument :  
MSVOA\_N  
ClientSampled :

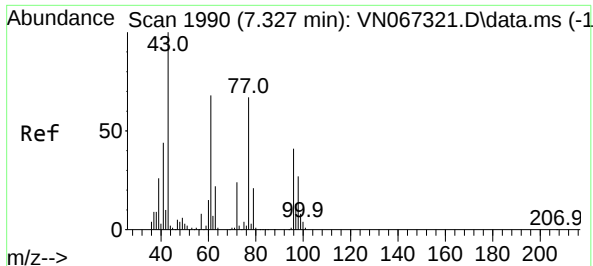
Tgt Ion: 43 Resp: 325548  
Ion Ratio Lower Upper  
43 100  
72 25.7 19.7 29.5



#26  
2,2-Dichloropropane  
Concen: 18.875 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. -0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion: 77 Resp: 134626  
Ion Ratio Lower Upper  
77 100  
97 21.5 9.8 29.3





#27

cis-1,2-Dichloroethene

Concen: 23.287 ug/l

RT: 7.329 min Scan# 1991

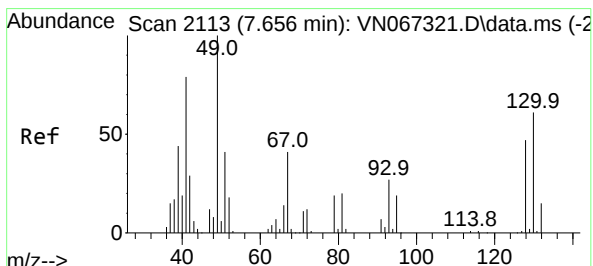
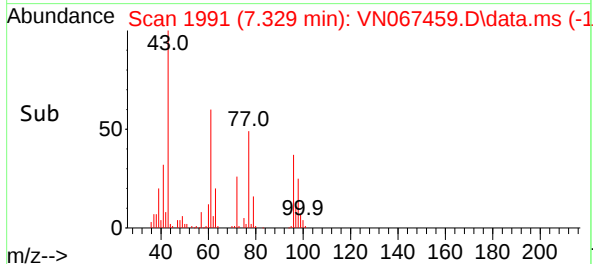
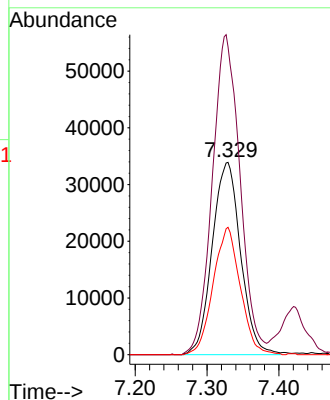
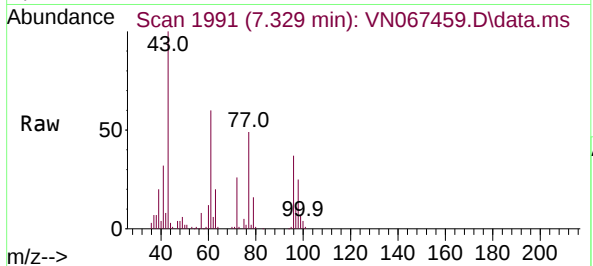
Delta R.T. 0.002 min

Lab File: VN067459.D

Acq: 23 Jun 2021 16:03

Instrument :  
MSVOA\_N  
ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 93005 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 162.3 | 0.0   | 338.8 |
| 98        | 63.2  | 0.0   | 129.8 |



#28

Bromochloromethane

Concen: 24.078 ug/l

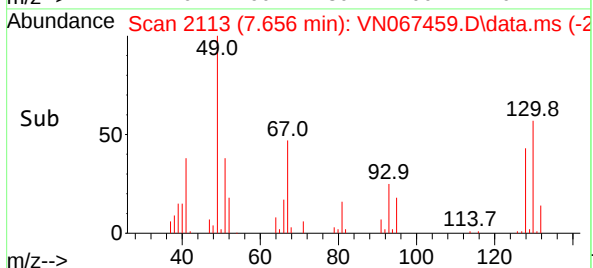
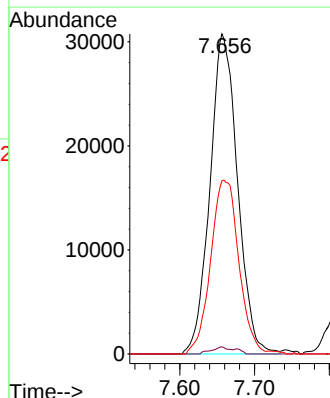
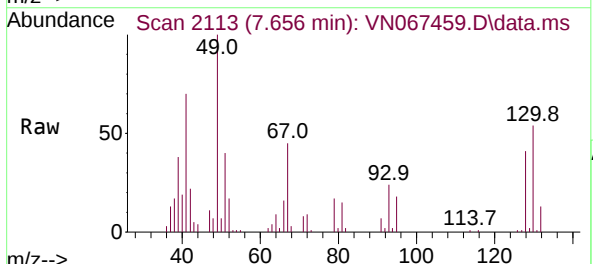
RT: 7.656 min Scan# 2113

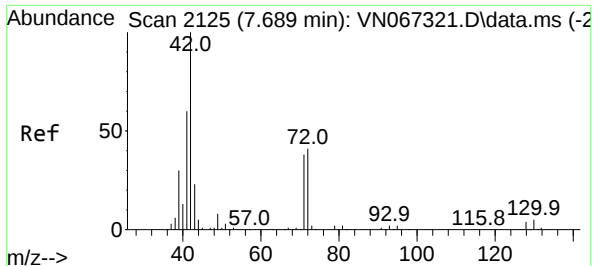
Delta R.T. 0.000 min

Lab File: VN067459.D

Acq: 23 Jun 2021 16:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 49    | Resp: | 78850 |
| Ion Ratio | Lower | Upper |       |
| 49        | 100   |       |       |
| 129       | 1.4   | 0.0   | 3.8   |
| 130       | 55.4  | 49.7  | 74.5  |





#29

Tetrahydrofuran

Concen: 120.068 ug/l

RT: 7.691 min Scan# 2126

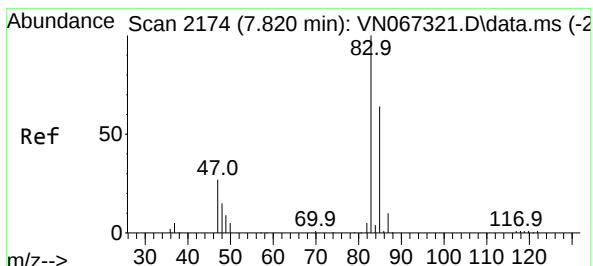
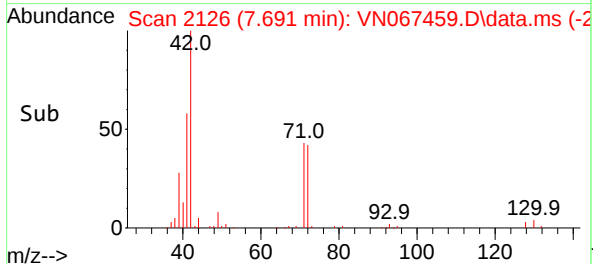
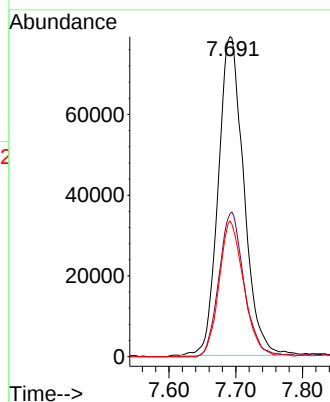
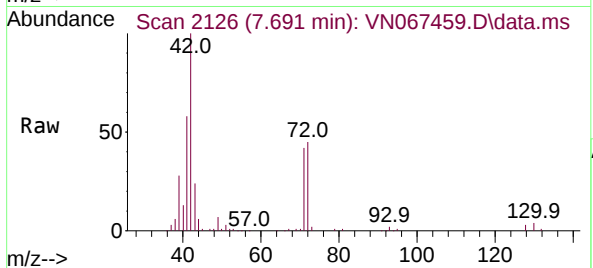
Delta R.T. 0.002 min

Lab File: VN067459.D

Acq: 23 Jun 2021 16:03

Instrument :  
MSVOA\_N  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 209124 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 44.6  | 32.8  | 49.2   |
| 71       | 41.2  | 31.2  | 46.8   |



#30

Chloroform

Concen: 21.757 ug/l

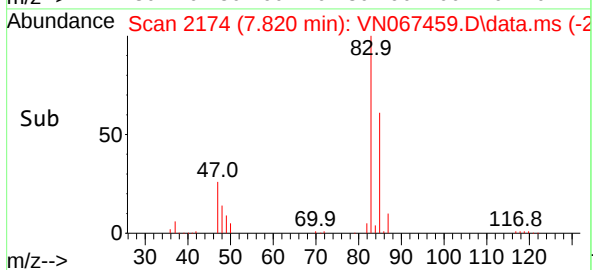
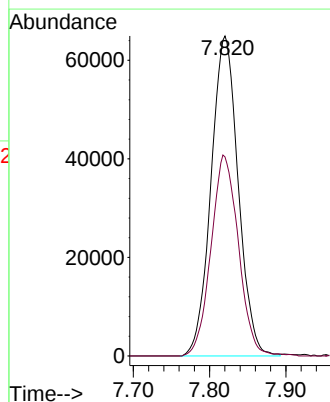
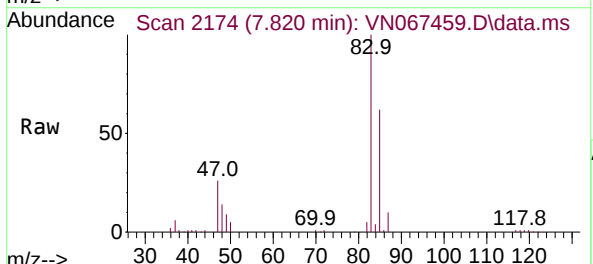
RT: 7.820 min Scan# 2174

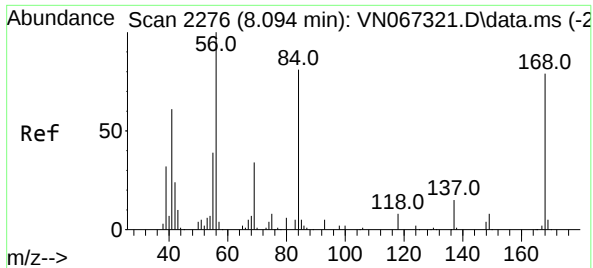
Delta R.T. 0.000 min

Lab File: VN067459.D

Acq: 23 Jun 2021 16:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 160740 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 62.2  | 51.5  | 77.3   |

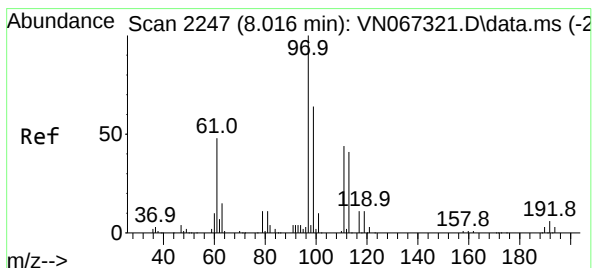
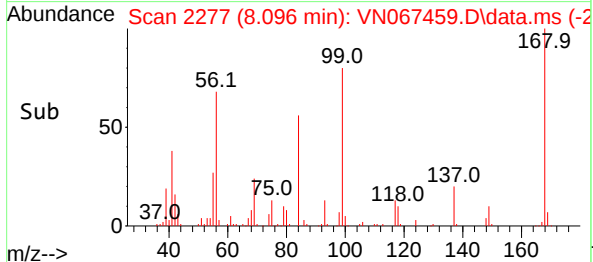
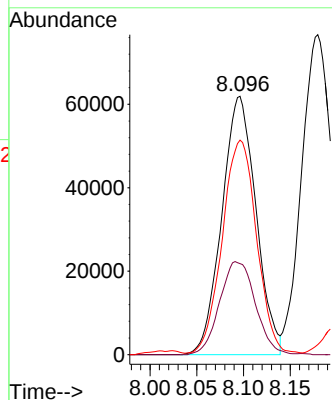
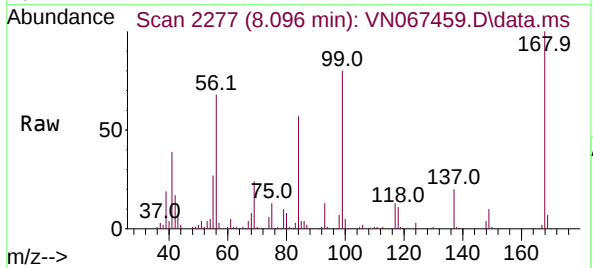




#31  
Cyclohexane  
Concen: 23.032 ug/l  
RT: 8.096 min Scan# 2277  
Delta R.T. 0.002 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

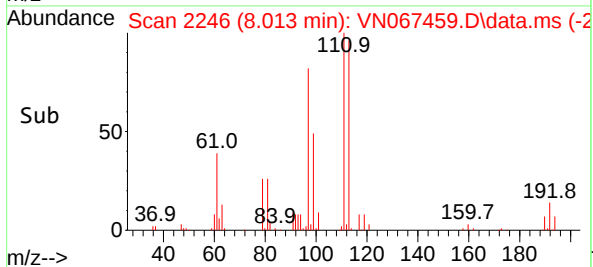
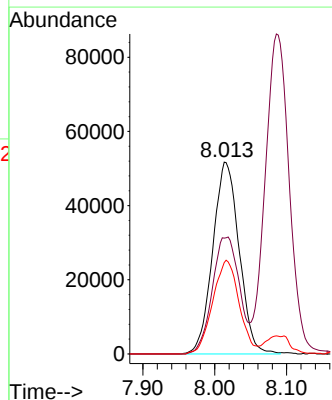
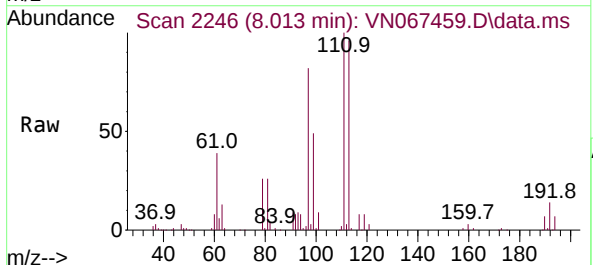
Instrument :  
MSVOA\_N  
ClientSampled :

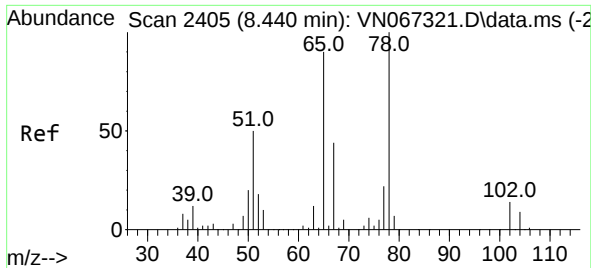
Tgt Ion: 56 Resp: 157734  
Ion Ratio Lower Upper  
56 100  
69 35.2 27.3 40.9  
84 82.1 64.9 97.3



#32  
1,1,1-Trichloroethane  
Concen: 19.405 ug/l  
RT: 8.013 min Scan# 2246  
Delta R.T. -0.003 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion: 97 Resp: 131684  
Ion Ratio Lower Upper  
97 100  
99 62.4 50.2 75.2  
61 49.2 38.2 57.2

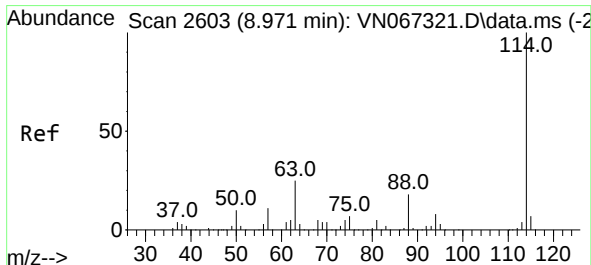
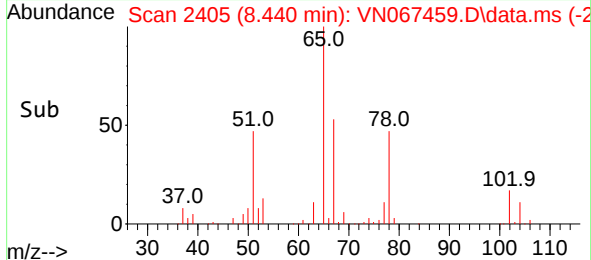
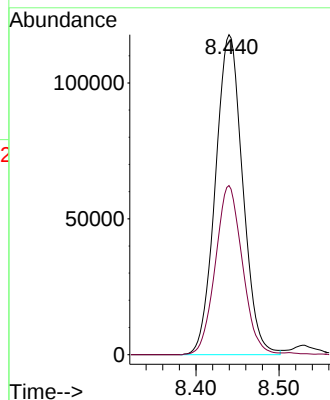
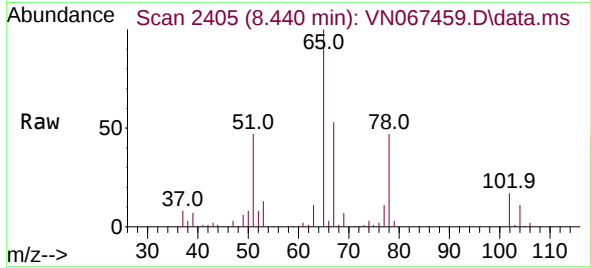




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.407 ug/l  
 RT: 8.440 min Scan# 2405  
 Delta R.T. -0.000 min  
 Lab File: VN067459.D  
 Acq: 23 Jun 2021 16:03

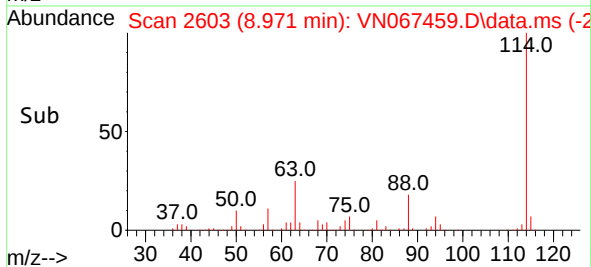
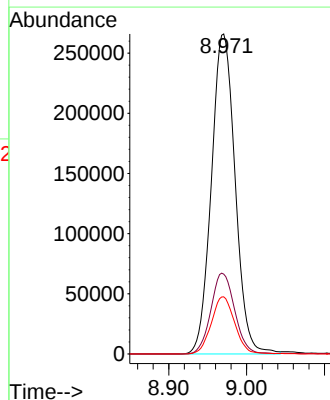
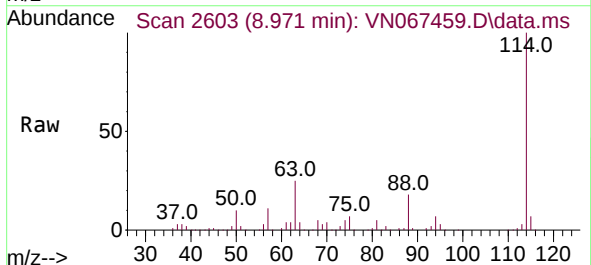
Instrument :  
 MSVOA\_N  
 ClientSampled :

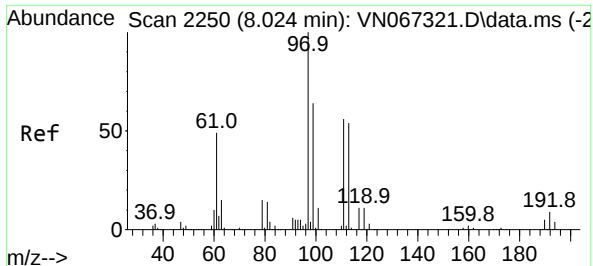
Tgt Ion: 65 Resp: 269054  
 Ion Ratio Lower Upper  
 65 100  
 67 52.3 0.0 98.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.971 min Scan# 2603  
 Delta R.T. 0.000 min  
 Lab File: VN067459.D  
 Acq: 23 Jun 2021 16:03

Tgt Ion: 114 Resp: 562960  
 Ion Ratio Lower Upper  
 114 100  
 63 25.0 0.0 49.0  
 88 17.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.674 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VN067459.D

Acq: 23 Jun 2021 16:03

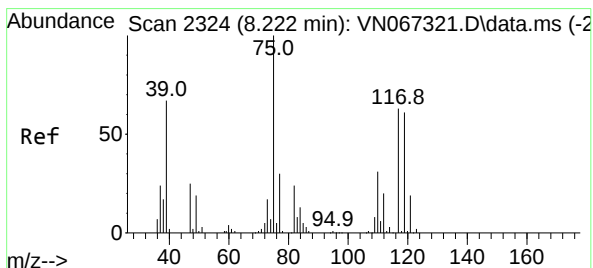
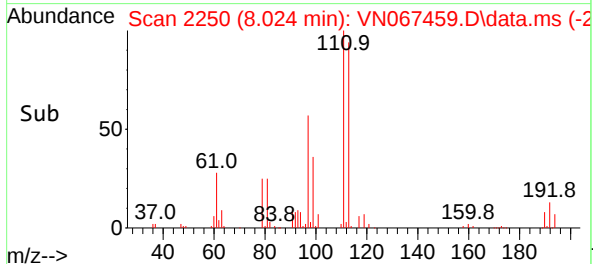
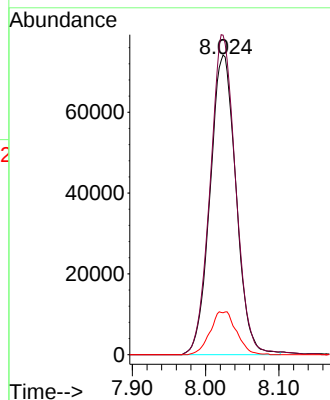
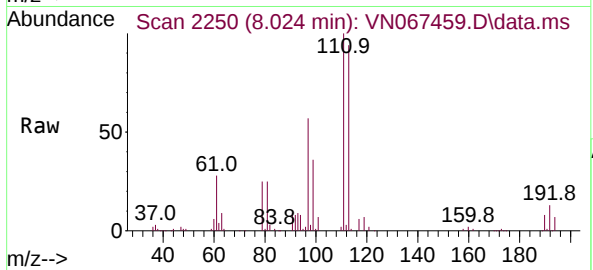
Tgt Ion:113 Resp: 182243

Ion Ratio Lower Upper

113 100

111 105.2 83.8 125.8

192 14.5 13.4 20.0



#36

1,1-Dichloropropene

Concen: 18.911 ug/l

RT: 8.222 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VN067459.D

Acq: 23 Jun 2021 16:03

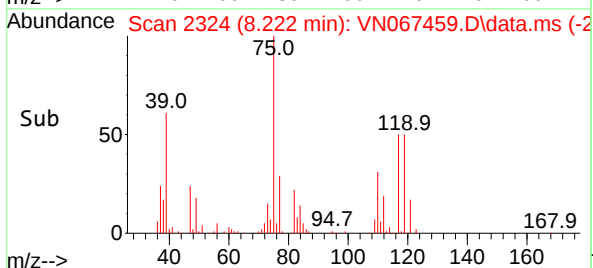
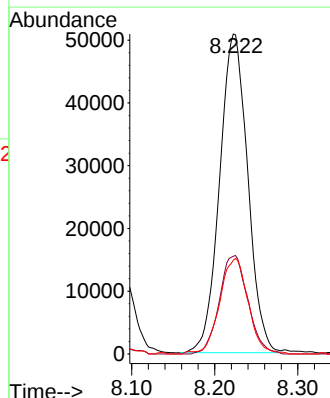
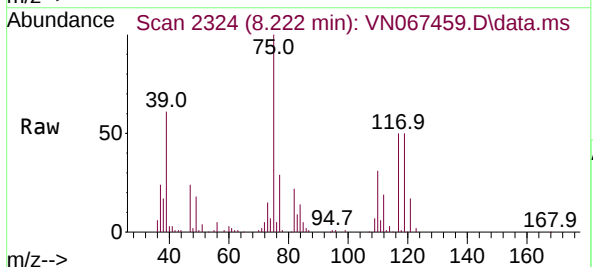
Tgt Ion: 75 Resp: 119354

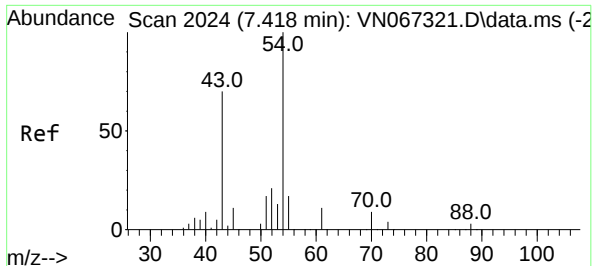
Ion Ratio Lower Upper

75 100

110 31.4 15.7 47.0

77 30.2 24.6 37.0

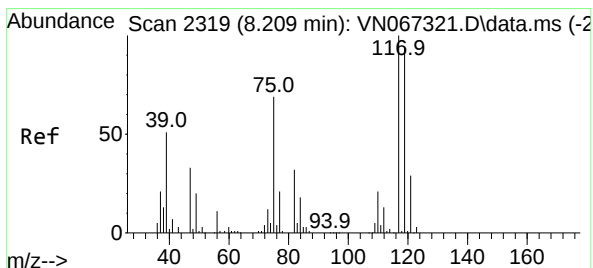
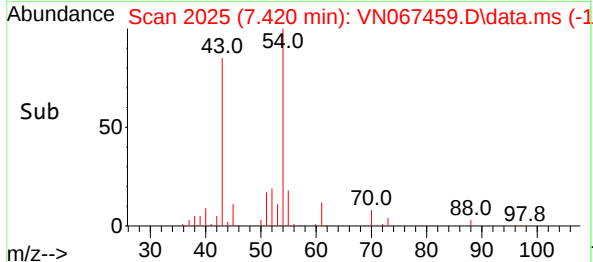
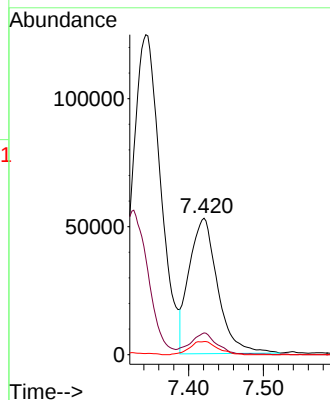
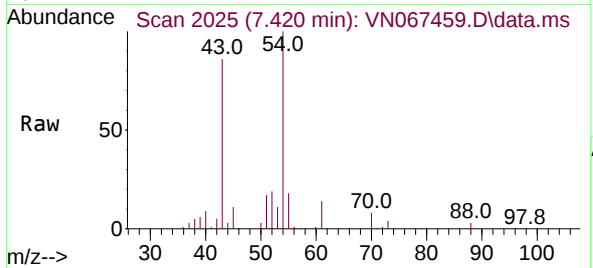




#37  
Ethyl Acetate  
Concen: 20.984 ug/l  
RT: 7.420 min Scan# 2025  
Delta R.T. 0.002 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

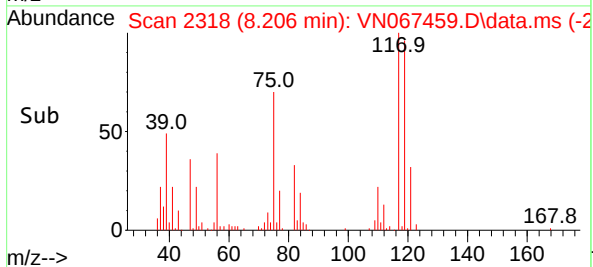
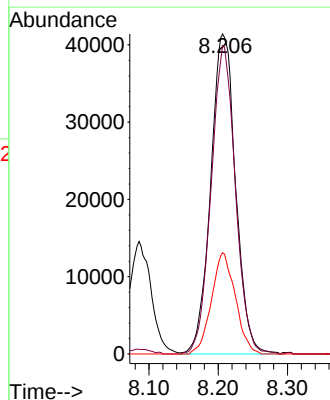
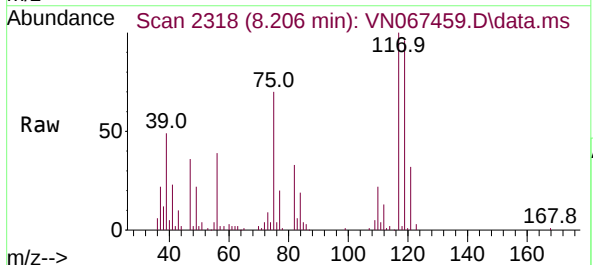
Instrument :  
MSVOA\_N  
ClientSampled :

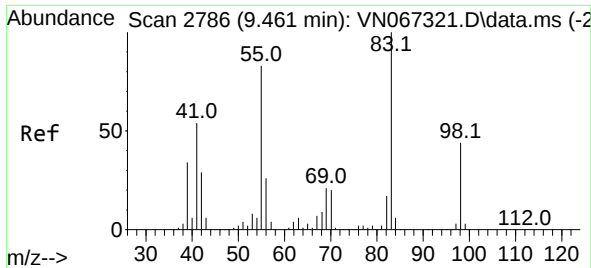
Tgt Ion: 43 Resp: 140314  
Ion Ratio Lower Upper  
43 100  
61 14.1 10.6 16.0  
70 9.4 8.1 12.1



#38  
Carbon Tetrachloride  
Concen: 15.273 ug/l  
RT: 8.206 min Scan# 2318  
Delta R.T. -0.003 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion: 117 Resp: 103606  
Ion Ratio Lower Upper  
117 100  
119 96.3 75.4 113.2  
121 31.6 23.5 35.3

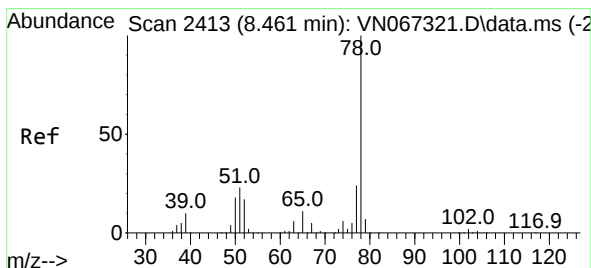
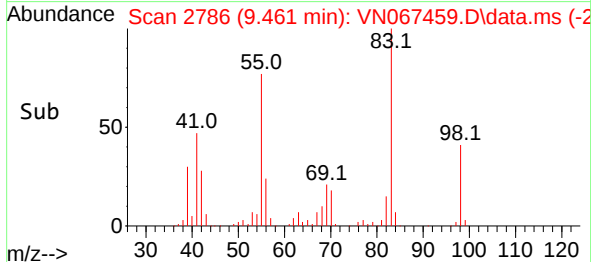
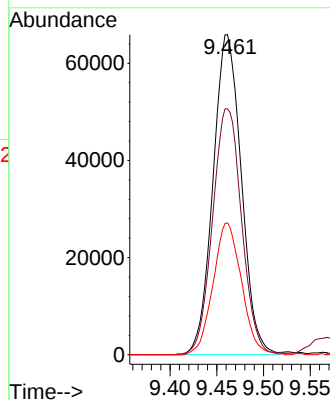
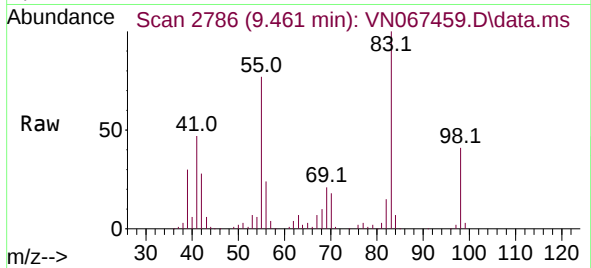




#39  
Methylcyclohexane  
Concen: 20.769 ug/l  
RT: 9.461 min Scan# 2786  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

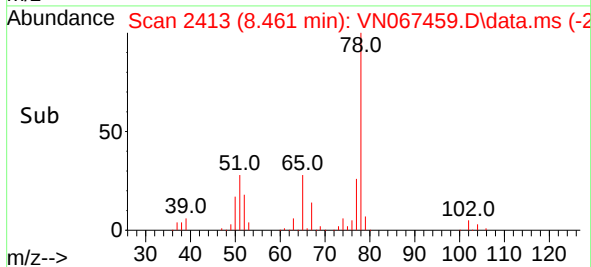
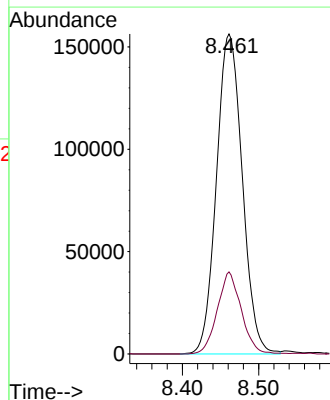
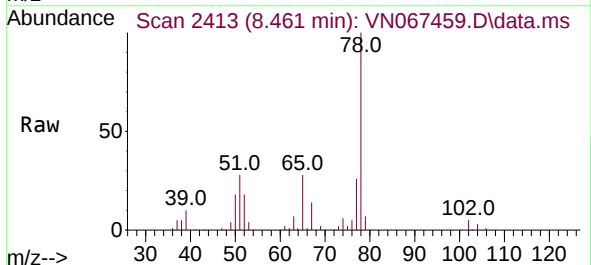
Instrument :  
MSVOA\_N  
ClientSampleId :

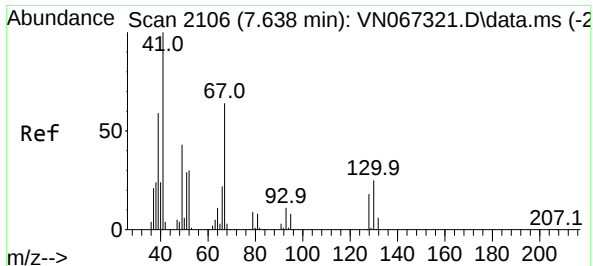
Tgt Ion: 83 Resp: 138732  
Ion Ratio Lower Upper  
83 100  
55 76.5 66.6 99.8  
98 41.2 35.3 52.9



#40  
Benzene  
Concen: 20.882 ug/l  
RT: 8.461 min Scan# 2413  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

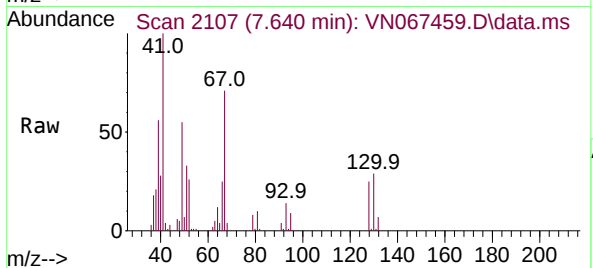
Tgt Ion: 78 Resp: 367840  
Ion Ratio Lower Upper  
78 100  
77 25.6 18.9 28.3



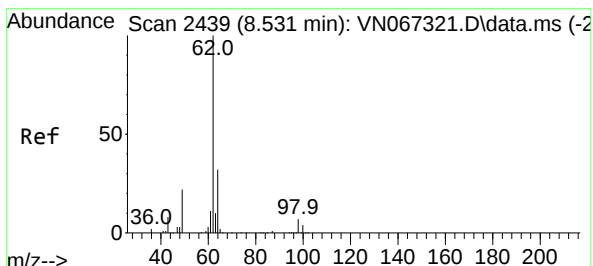
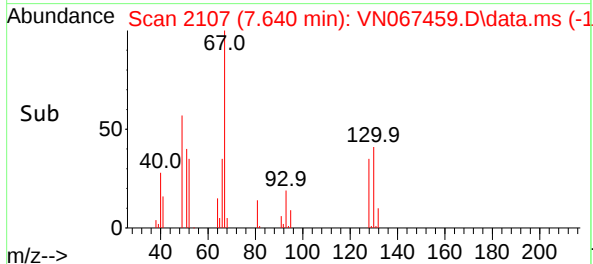
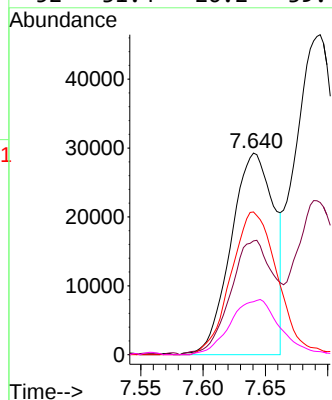


#41  
Methacrylonitrile  
Concen: 20.200 ug/l  
RT: 7.640 min Scan# 2107  
Delta R.T. 0.002 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Instrument :  
MSVOA\_N  
ClientSampleId :

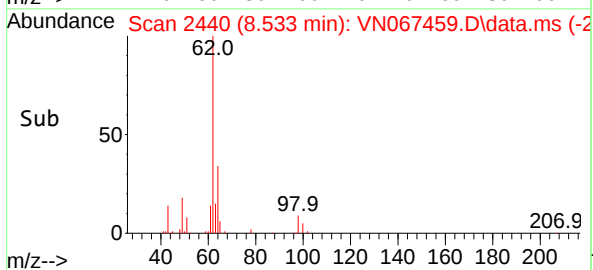
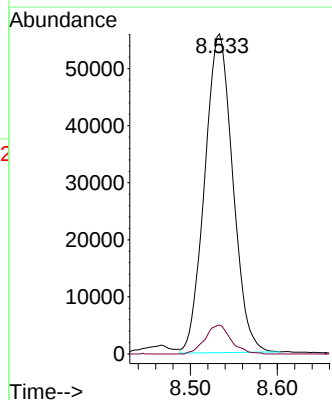
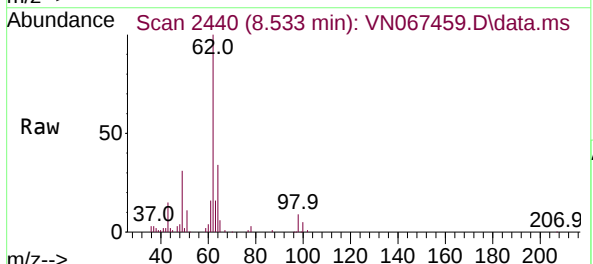


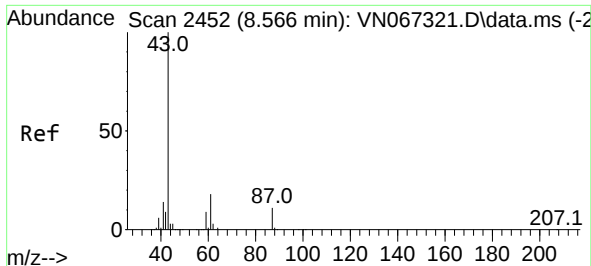
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 70214 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 58.4  | 47.6  | 71.4  |
| 67        | 77.0  | 57.7  | 86.5  |
| 52        | 31.4  | 26.2  | 39.4  |



#42  
1,2-Dichloroethane  
Concen: 16.854 ug/l  
RT: 8.533 min Scan# 2440  
Delta R.T. 0.002 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

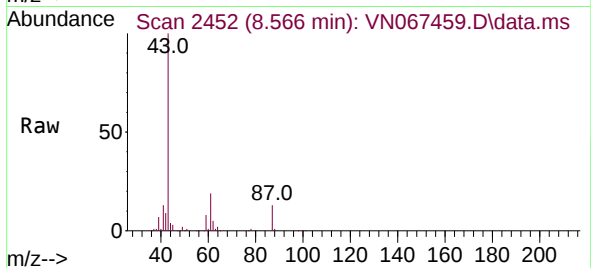
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 62    | Resp: | 125449 |
| Ion Ratio | Lower | Upper |        |
| 62        | 100   |       |        |
| 98        | 8.4   | 0.0   | 14.2   |



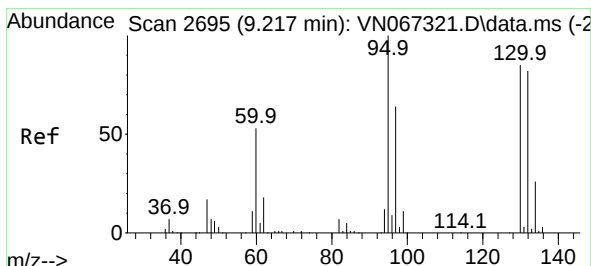
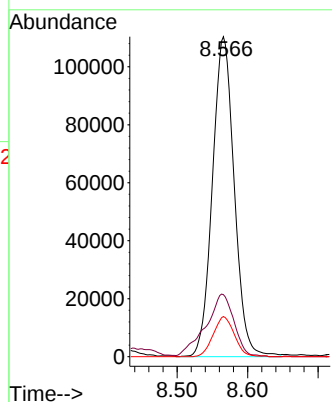
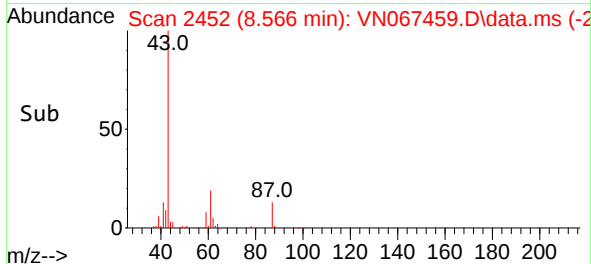


#43  
Isopropyl Acetate  
Concen: 19.771 ug/l  
RT: 8.566 min Scan# 2452  
Delta R.T. -0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

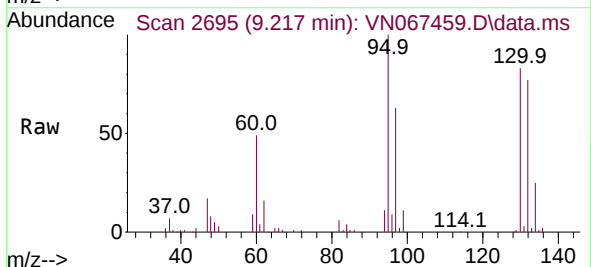
Instrument :  
MSVOA\_N  
ClientSampled :



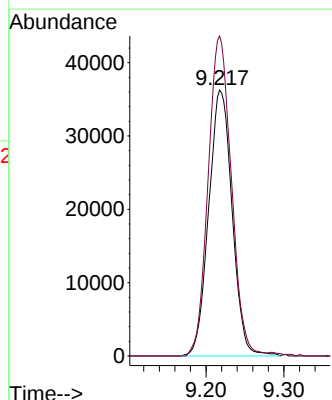
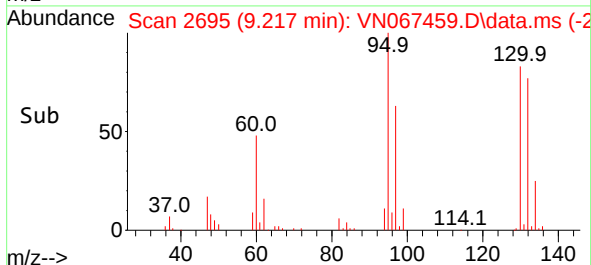
Tgt Ion: 43 Resp: 237285  
Ion Ratio Lower Upper  
43 100  
61 25.4 19.0 28.4  
87 12.1 9.5 14.3

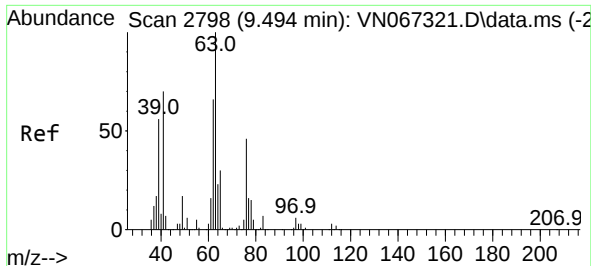


#44  
Trichloroethene  
Concen: 18.379 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03



Tgt Ion: 130 Resp: 75711  
Ion Ratio Lower Upper  
130 100  
95 120.4 0.0 234.4



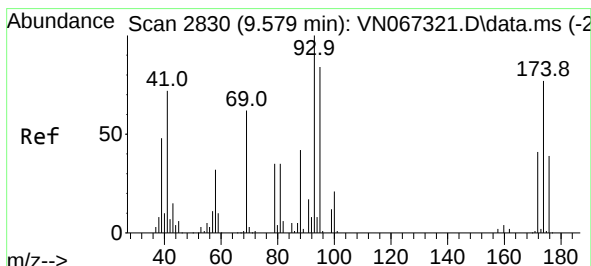
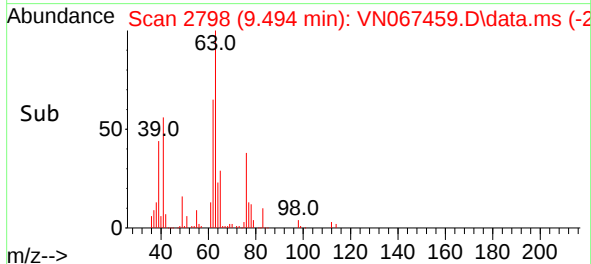
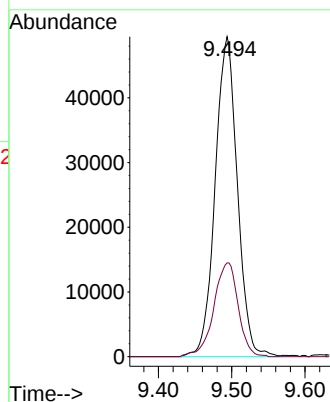
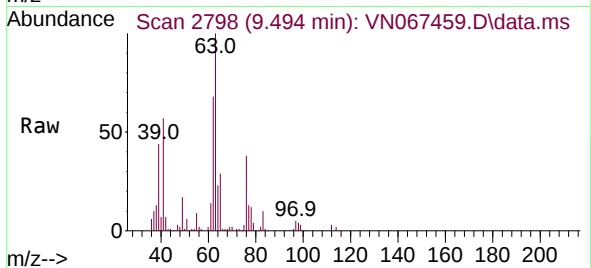


#45

1,2-Dichloropropane  
Concen: 22.165 ug/l  
RT: 9.494 min Scan# 2798  
Delta R.T. -0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Instrument :  
MSVOA\_N  
ClientSampled :

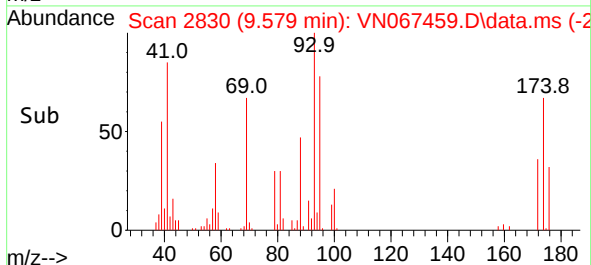
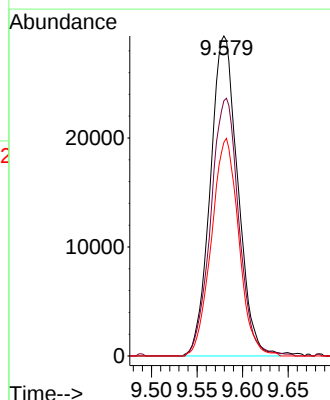
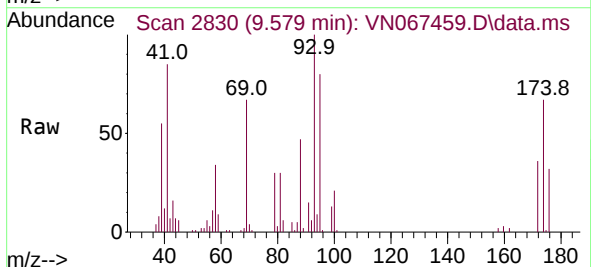
Tgt Ion: 63 Resp: 104137  
Ion Ratio Lower Upper  
63 100  
65 29.3 24.3 36.5

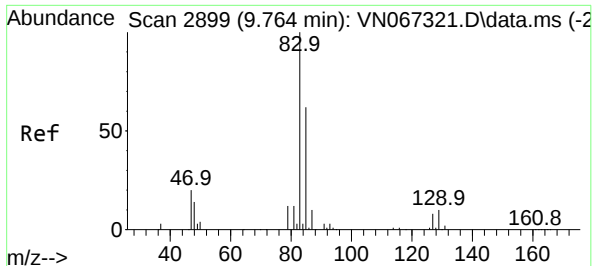


#46

Dibromomethane  
Concen: 19.259 ug/l  
RT: 9.579 min Scan# 2830  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion: 93 Resp: 61560  
Ion Ratio Lower Upper  
93 100  
95 82.0 66.1 99.1  
174 67.4 61.0 91.4

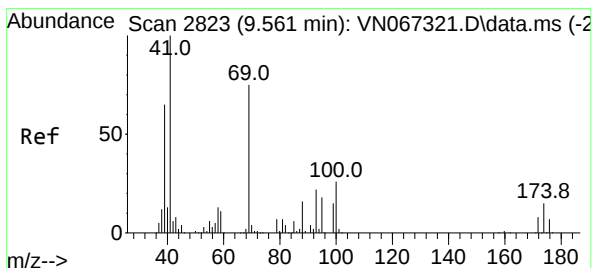
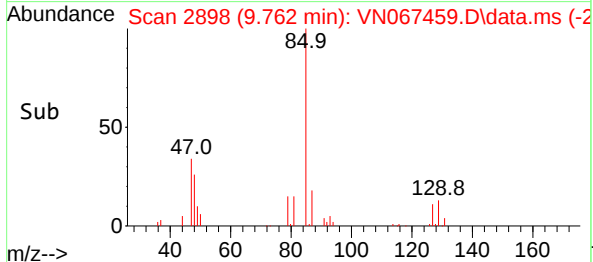
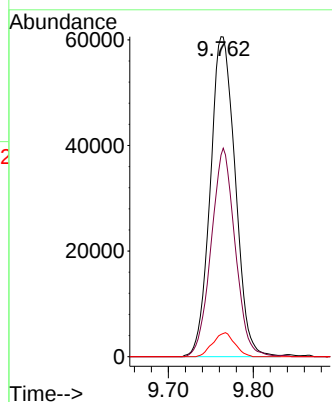
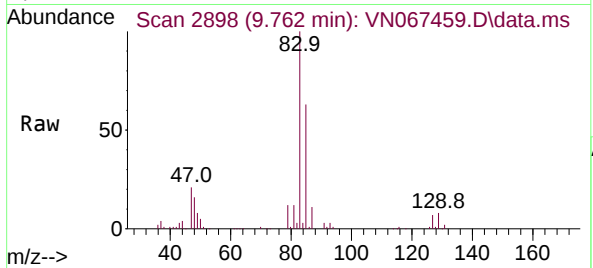




#47  
Bromodichloromethane  
Concen: 17.218 ug/l  
RT: 9.762 min Scan# 2898  
Delta R.T. -0.002 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

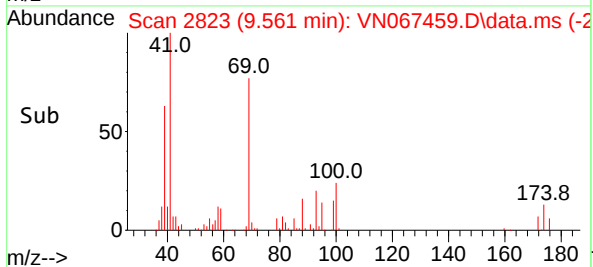
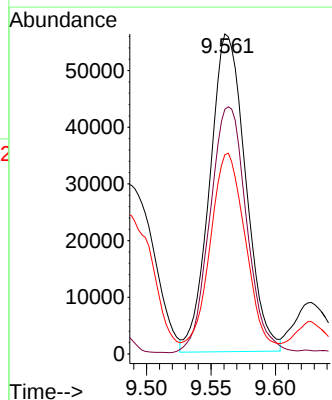
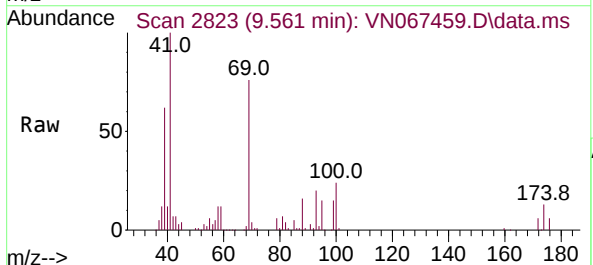
Instrument :  
MSVOA\_N  
ClientSampleId :

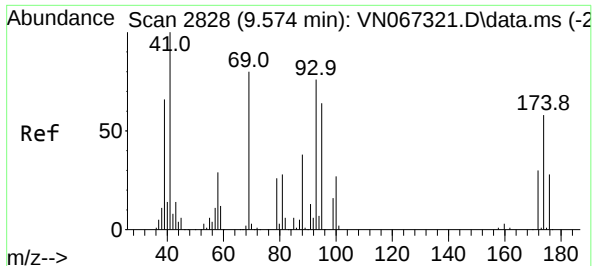
Tgt Ion: 83 Resp: 123450  
Ion Ratio Lower Upper  
83 100  
85 63.0 49.9 74.9  
127 6.9 6.1 9.1



#48  
Methyl methacrylate  
Concen: 19.839 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. -0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion: 41 Resp: 108564  
Ion Ratio Lower Upper  
41 100  
69 79.0 64.6 96.8  
39 62.5 53.3 79.9





#49

1,4-Dioxane

Concen: 424.729 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. 0.000 min

Lab File: VN067459.D

Acq: 23 Jun 2021 16:03

Tgt Ion: 88 Resp: 31811

Ion Ratio Lower Upper

88 100

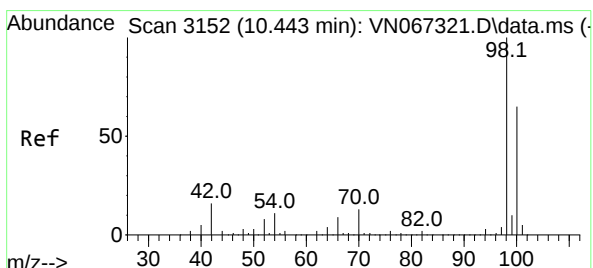
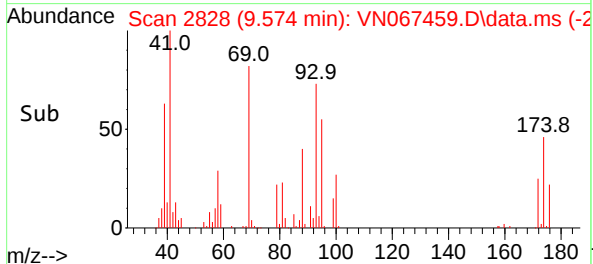
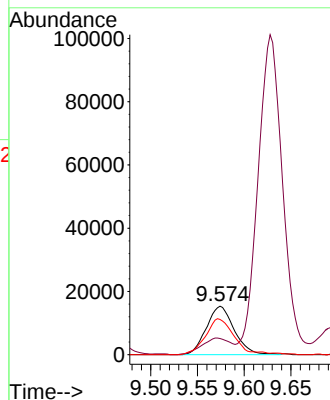
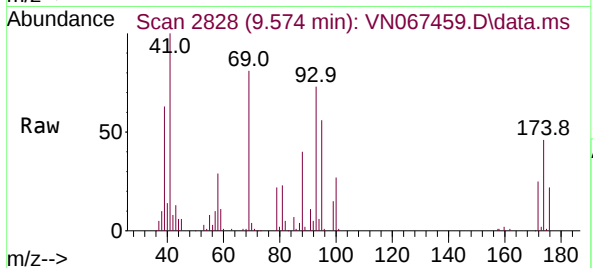
43 35.2 28.8 43.2

58 75.7 60.4 90.6

Instrument :

MSVOA\_N

ClientSampleId :



#50

Toluene-d8

Concen: 51.816 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN067459.D

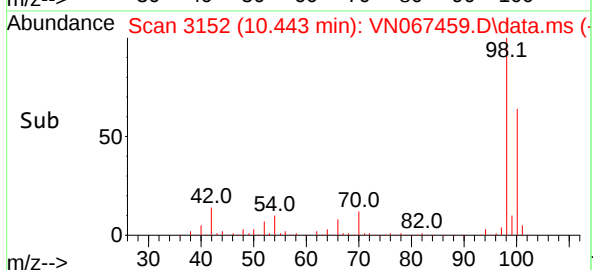
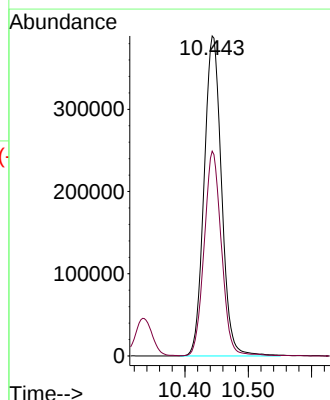
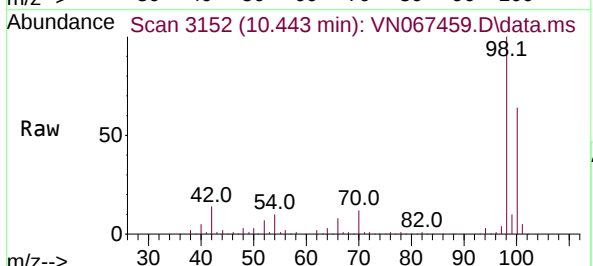
Acq: 23 Jun 2021 16:03

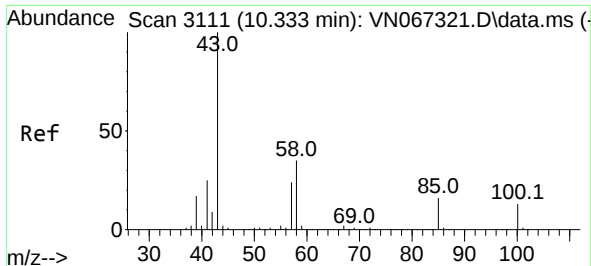
Tgt Ion: 98 Resp: 743593

Ion Ratio Lower Upper

98 100

100 63.0 51.7 77.5

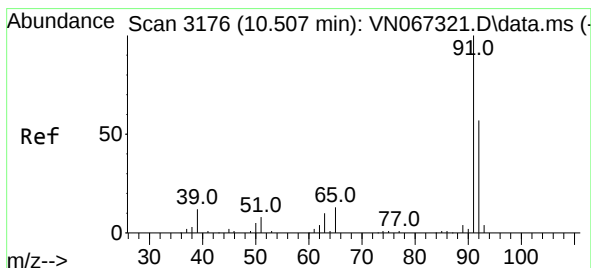
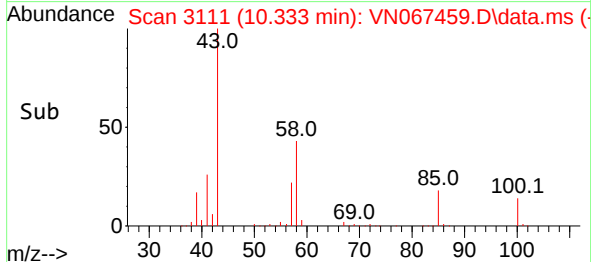
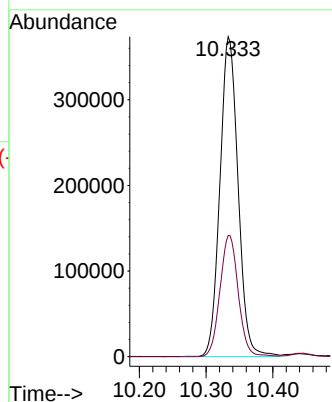
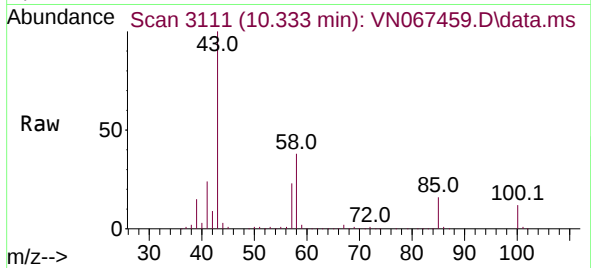




#51  
4-Methyl-2-Pentanone  
Concen: 101.936 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

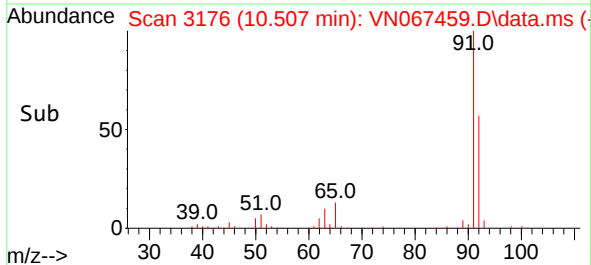
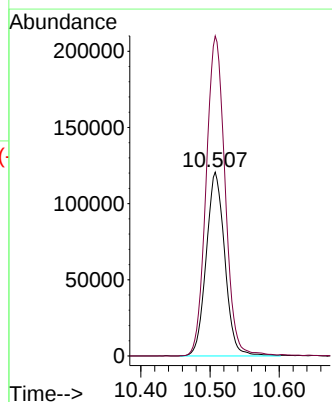
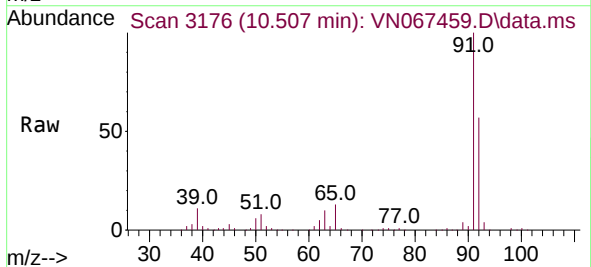
Instrument :  
MSVOA\_N  
ClientSampleId :

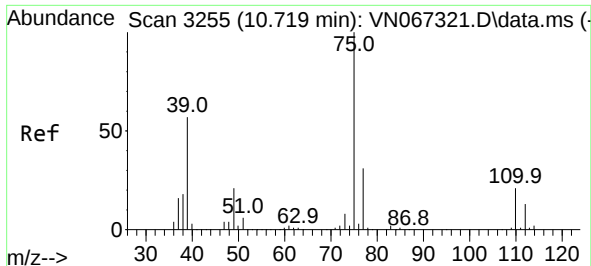
Tgt Ion: 43 Resp: 704354  
Ion Ratio Lower Upper  
43 100  
58 38.3 28.6 43.0



#52  
Toluene  
Concen: 20.347 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion: 92 Resp: 225388  
Ion Ratio Lower Upper  
92 100  
91 177.4 139.6 209.4

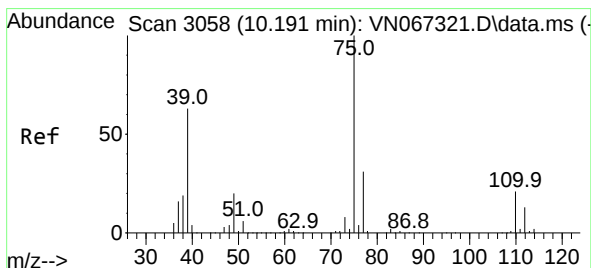
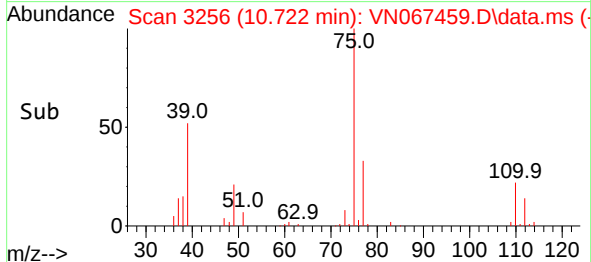
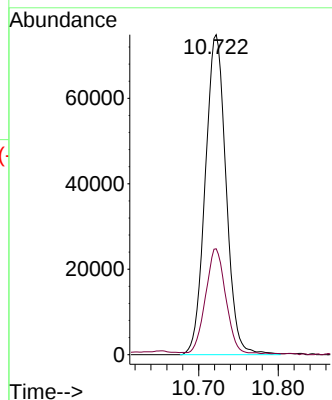
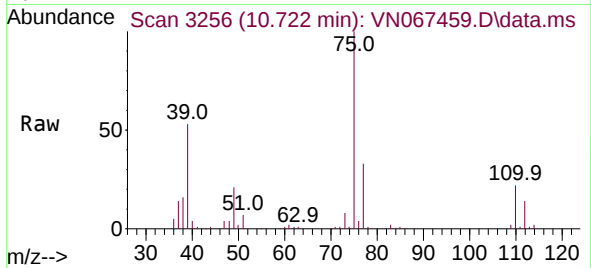




#53  
t-1,3-Dichloropropene  
Concen: 17.131 ug/l  
RT: 10.722 min Scan# 3256  
Delta R.T. 0.003 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

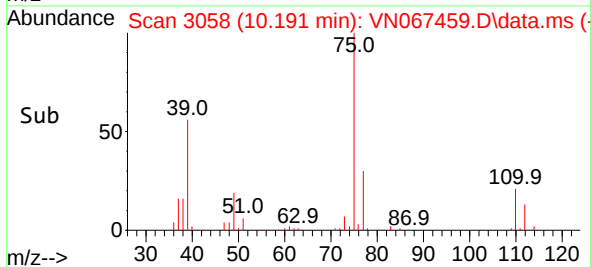
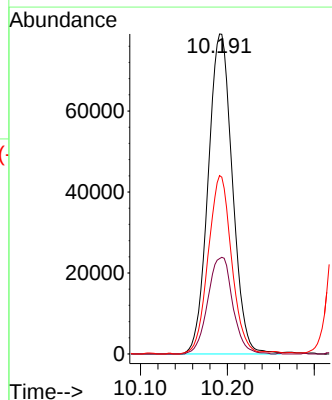
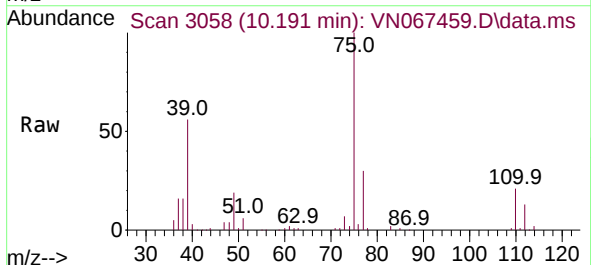
Instrument :  
MSVOA\_N  
ClientSampled :

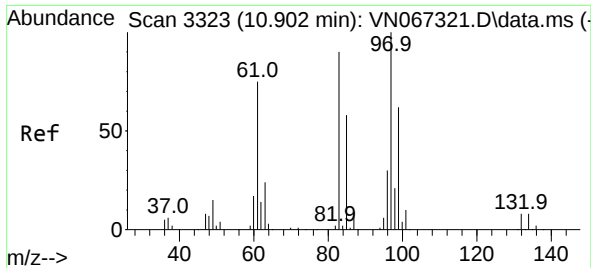
Tgt Ion: 75 Resp: 136016  
Ion Ratio Lower Upper  
75 100  
77 32.8 25.1 37.7



#54  
cis-1,3-Dichloropropene  
Concen: 19.061 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. -0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion: 75 Resp: 152954  
Ion Ratio Lower Upper  
75 100  
77 29.8 24.6 37.0  
39 55.7 50.7 76.1

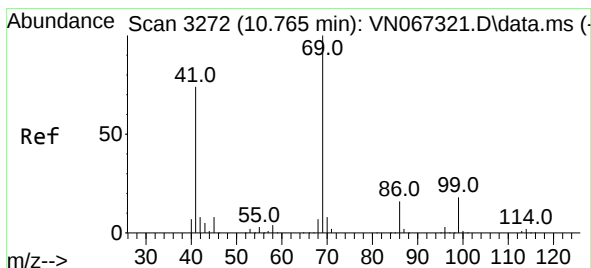
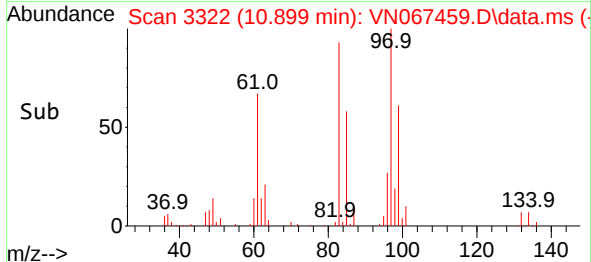
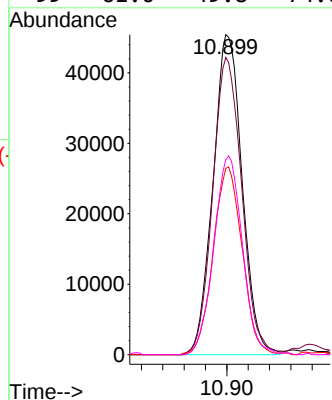
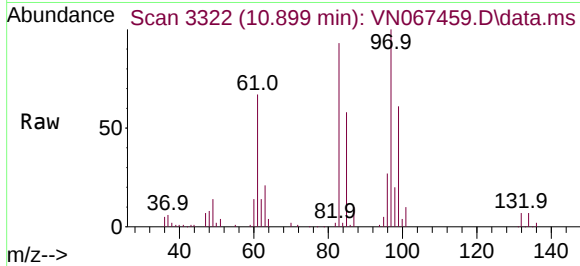




#55  
1,1,2-Trichloroethane  
Concen: 20.087 ug/l  
RT: 10.899 min Scan# 3322  
Delta R.T. -0.003 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

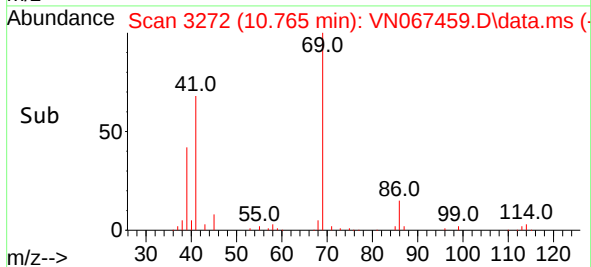
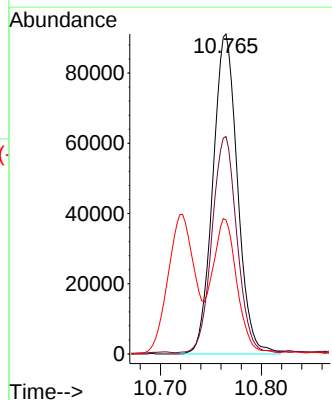
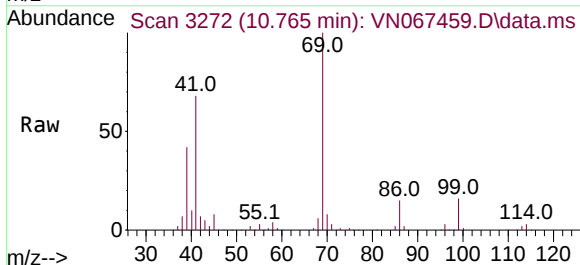
Instrument :  
MSVOA\_N  
ClientSampleId :

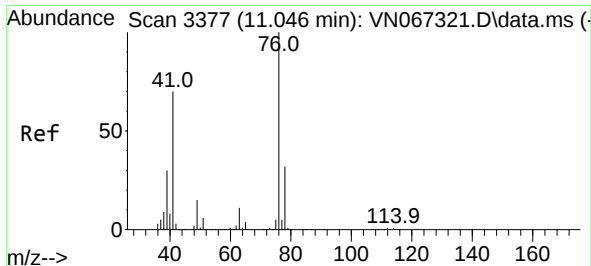
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 86026 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 92.9     | 72.0 108.0  |
| 85 58.3     | 46.8 70.2   |
| 99 61.0     | 49.8 74.6   |



#56  
Ethyl methacrylate  
Concen: 20.055 ug/l  
RT: 10.765 min Scan# 3272  
Delta R.T. -0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 154418 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 68.3     | 58.6 88.0    |
| 39 41.2     | 38.3 57.5    |

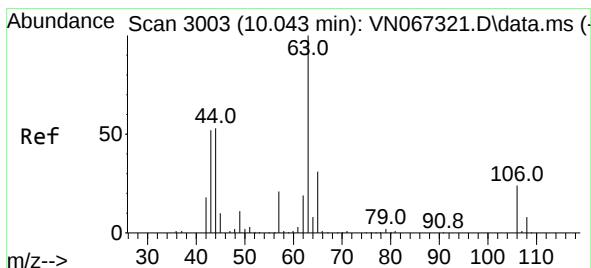
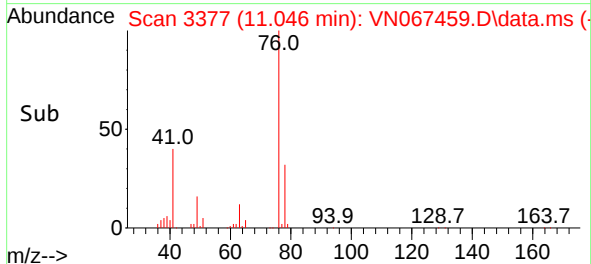
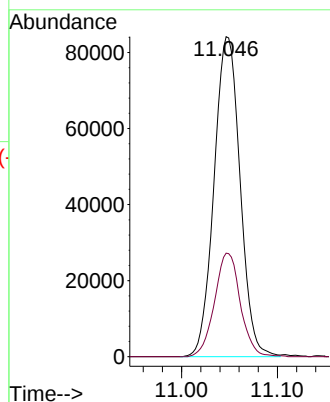
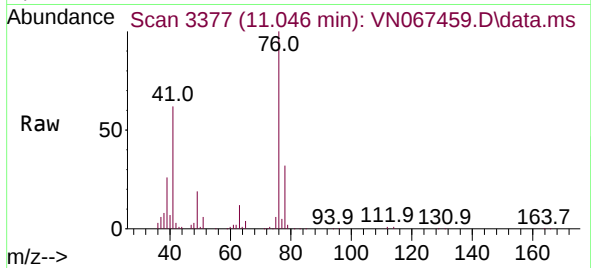




#57  
1,3-Dichloropropane  
Concen: 20.274 ug/l  
RT: 11.046 min Scan# 3377  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

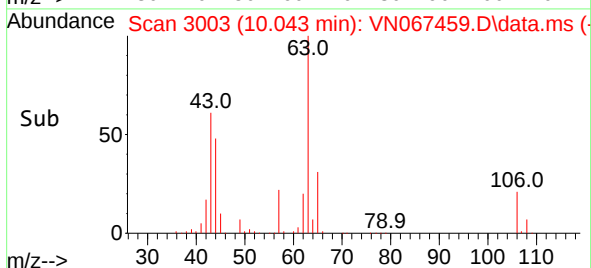
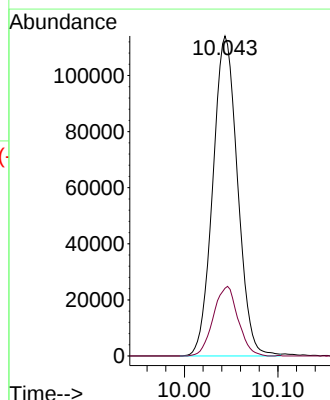
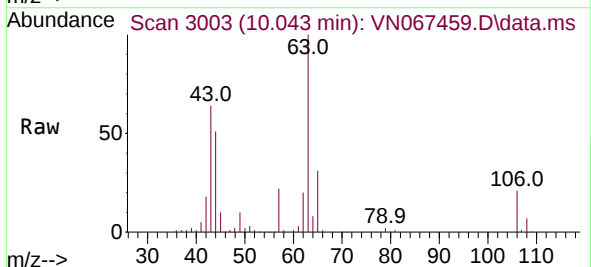
Instrument :  
MSVOA\_N  
ClientSampled :

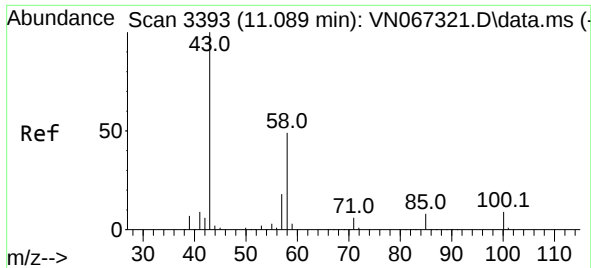
Tgt Ion: 76 Resp: 158601  
Ion Ratio Lower Upper  
76 100  
78 32.1 25.7 38.5



#58  
2-Chloroethyl Vinyl ether  
Concen: 93.698 ug/l  
RT: 10.043 min Scan# 3003  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion: 63 Resp: 209953  
Ion Ratio Lower Upper  
63 100  
106 21.7 19.8 29.8

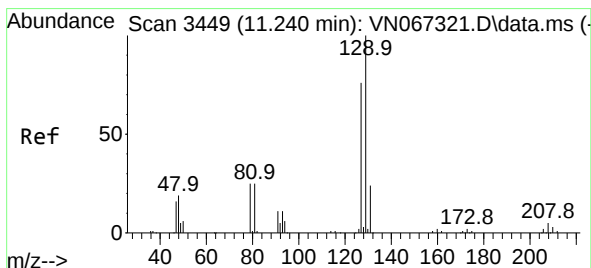
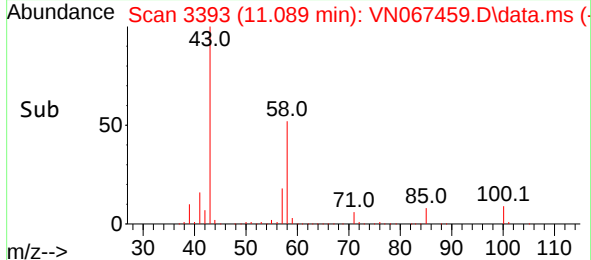
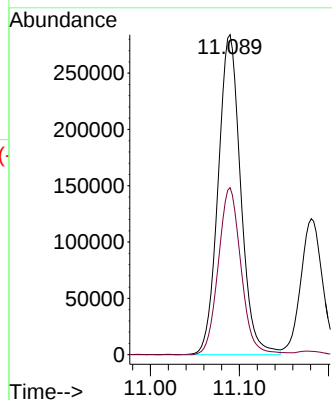
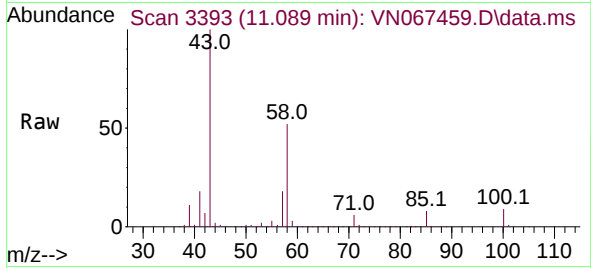




#59  
2-Hexanone  
Concen: 98.983 ug/l  
RT: 11.089 min Scan# 3393  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

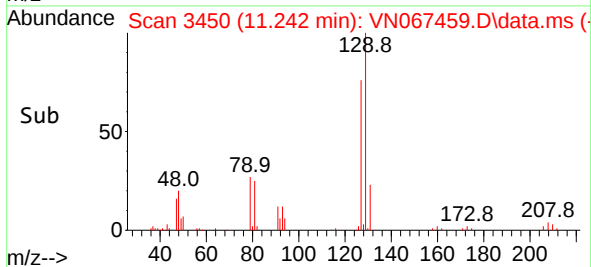
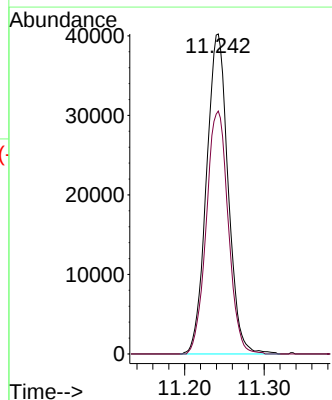
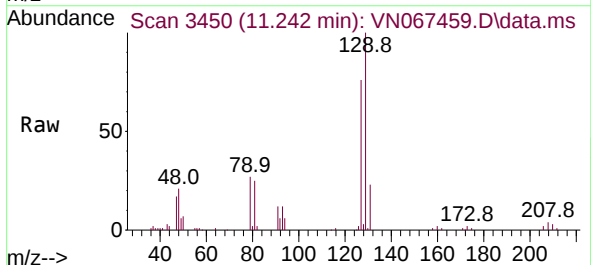
Instrument :  
MSVOA\_N  
ClientSampled :

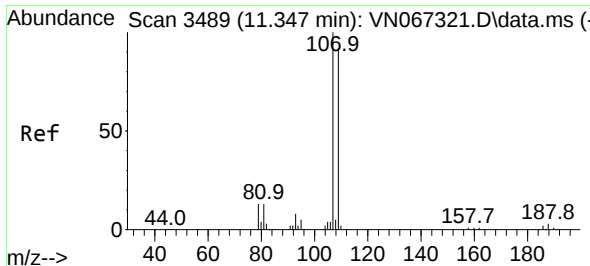
Tgt Ion: 43 Resp: 501077  
Ion Ratio Lower Upper  
43 100  
58 52.5 24.7 74.1



#60  
Dibromochloromethane  
Concen: 16.284 ug/l  
RT: 11.242 min Scan# 3450  
Delta R.T. 0.002 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion:129 Resp: 76251  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.6 115.8

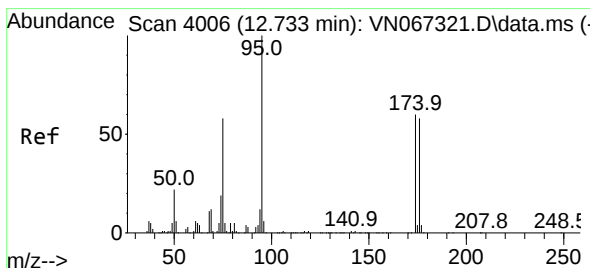
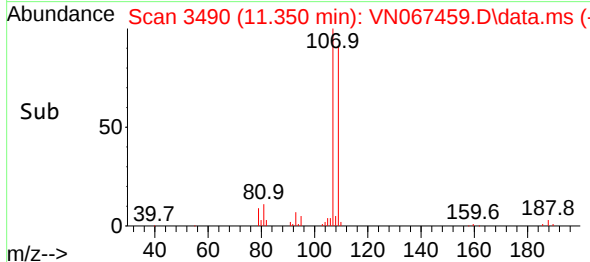
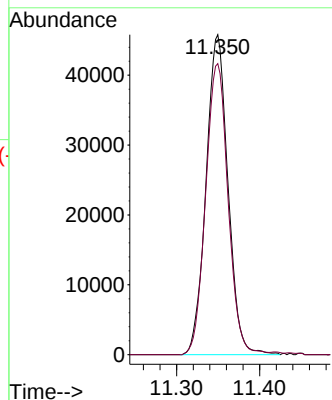
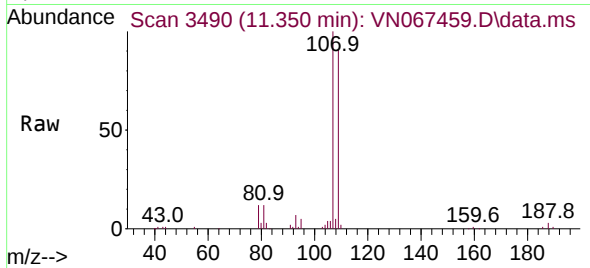




#61  
1,2-Dibromoethane  
Concen: 18.733 ug/l  
RT: 11.350 min Scan# 3490  
Delta R.T. 0.003 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

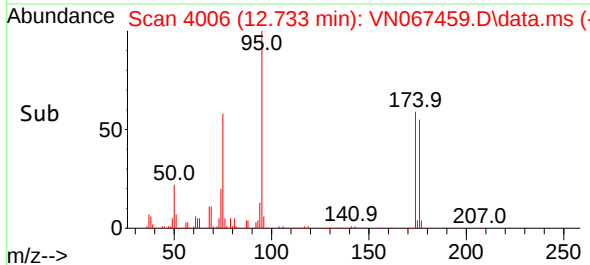
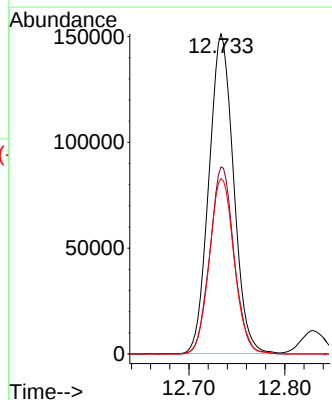
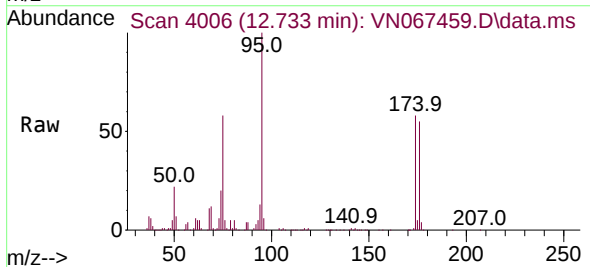
Instrument :  
MSVOA\_N  
ClientSampleId :

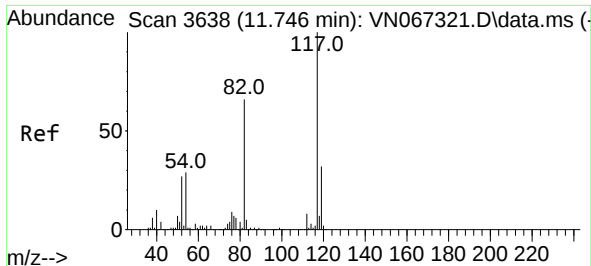
Tgt Ion:107 Resp: 83994  
Ion Ratio Lower Upper  
107 100  
109 93.0 75.0 112.4



#62  
4-Bromofluorobenzene  
Concen: 45.468 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion: 95 Resp: 269278  
Ion Ratio Lower Upper  
95 100  
174 57.6 0.0 122.0  
176 55.4 0.0 117.6

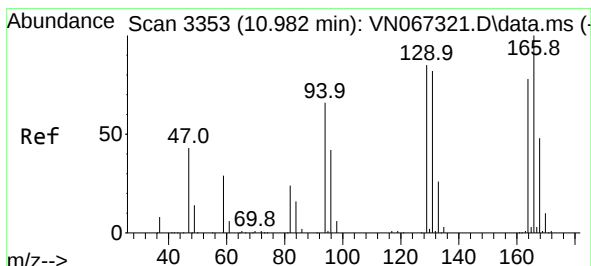
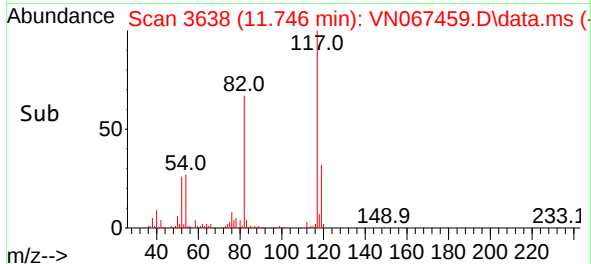
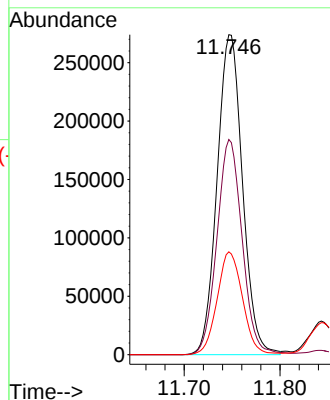
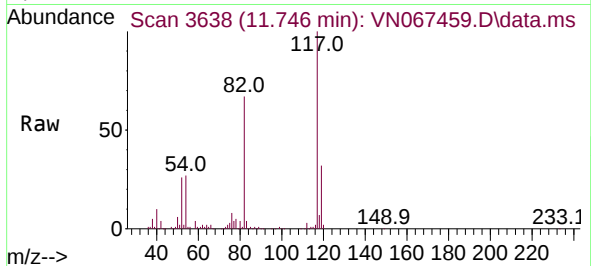




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

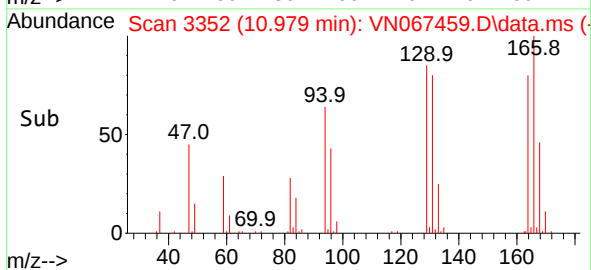
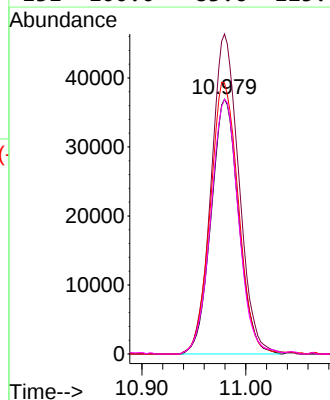
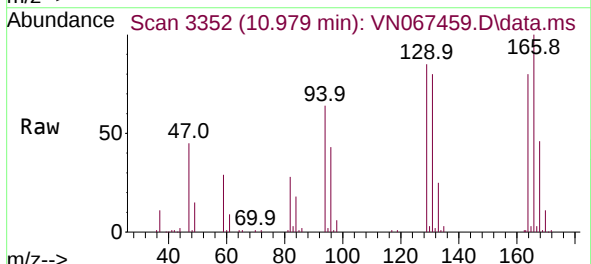
Instrument :  
MSVOA\_N  
ClientSampled :

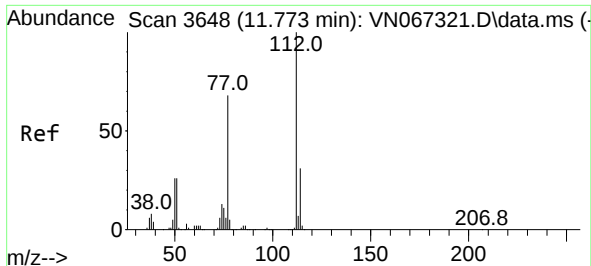
Tgt Ion:117 Resp: 504401  
Ion Ratio Lower Upper  
117 100  
82 67.3 53.1 79.7  
119 32.2 25.5 38.3



#64  
Tetrachloroethene  
Concen: 18.959 ug/l  
RT: 10.979 min Scan# 3352  
Delta R.T. -0.003 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion:164 Resp: 67900  
Ion Ratio Lower Upper  
164 100  
166 125.6 102.1 153.1  
129 106.3 86.9 130.3  
131 100.0 83.6 125.4

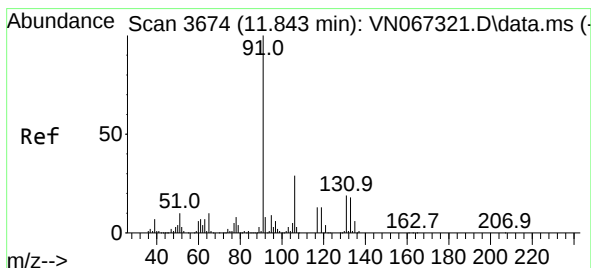
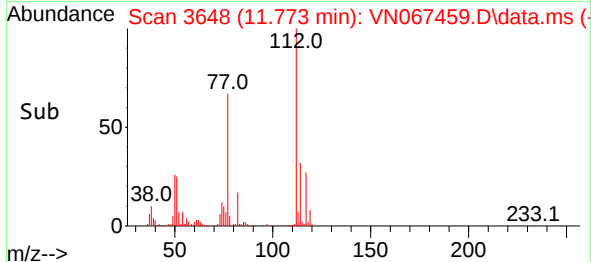
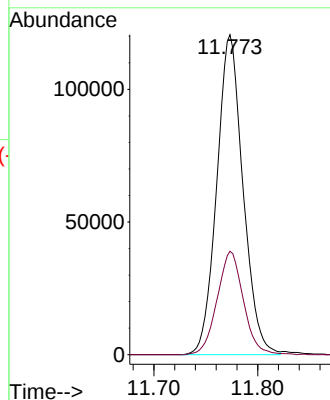
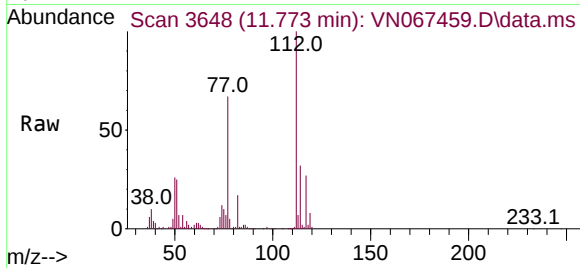




#65  
Chlorobenzene  
Concen: 19.260 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

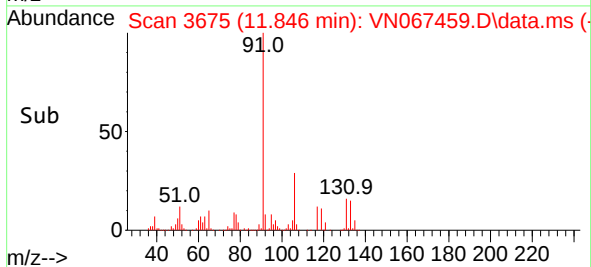
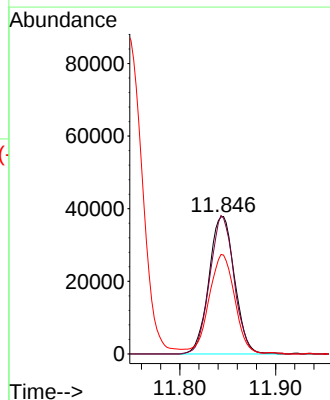
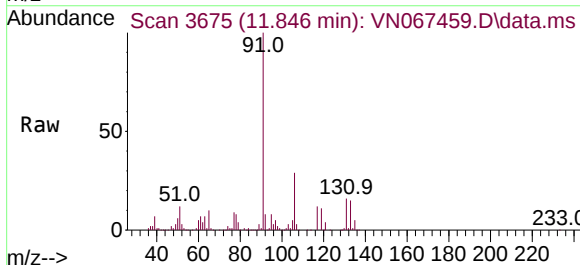
Instrument :  
MSVOA\_N  
ClientSampleId :

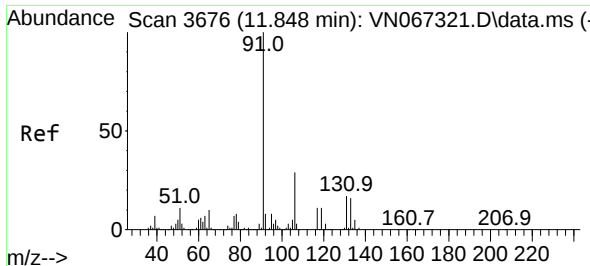
Tgt Ion:112 Resp: 211393  
Ion Ratio Lower Upper  
112 100  
114 32.3 24.6 37.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 17.241 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. 0.003 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion:131 Resp: 70469  
Ion Ratio Lower Upper  
131 100  
133 95.1 47.5 142.5  
119 70.8 33.1 99.3

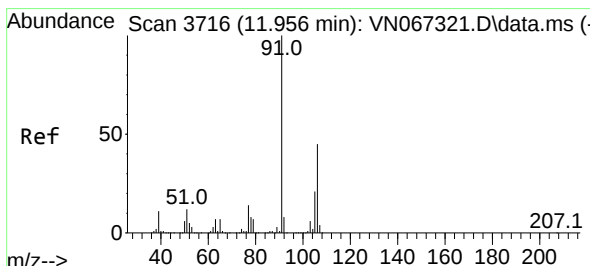
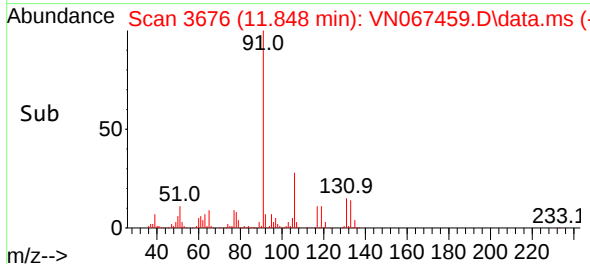
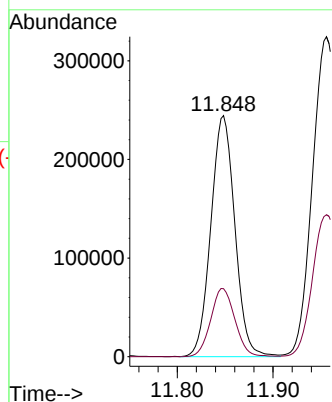
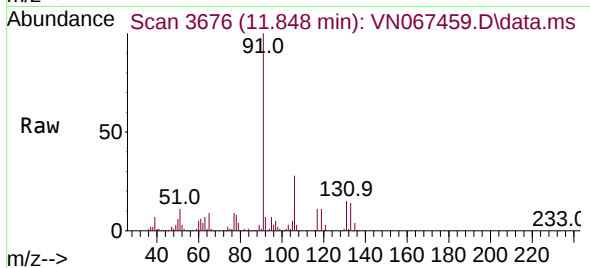




#67  
Ethyl Benzene  
Concen: 19.584 ug/l  
RT: 11.848 min Scan# 3676  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

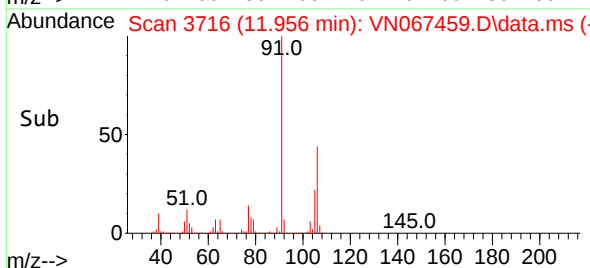
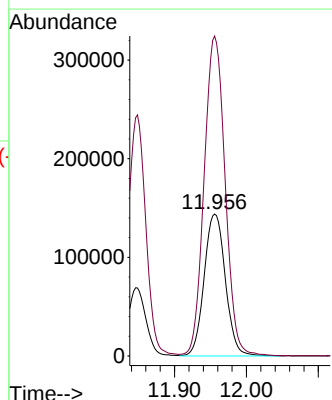
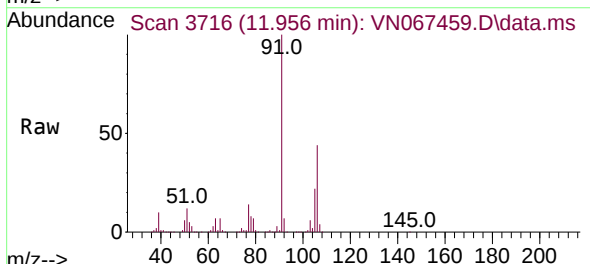
Instrument :  
MSVOA\_N  
ClientSampled :

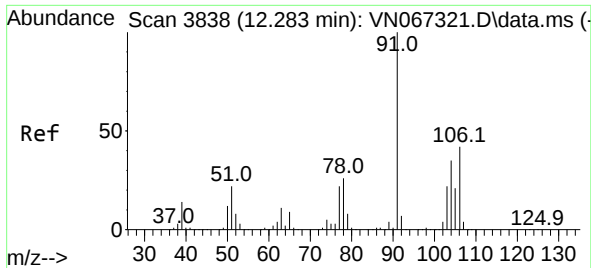
Tgt Ion: 91 Resp: 425081  
Ion Ratio Lower Upper  
91 100  
106 28.2 23.4 35.0



#68  
m/p-Xylenes  
Concen: 38.336 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. -0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion:106 Resp: 295792  
Ion Ratio Lower Upper  
106 100  
91 223.2 180.6 270.8

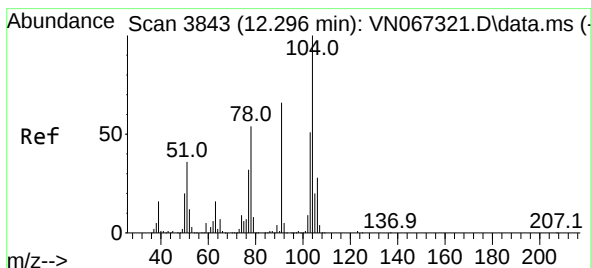
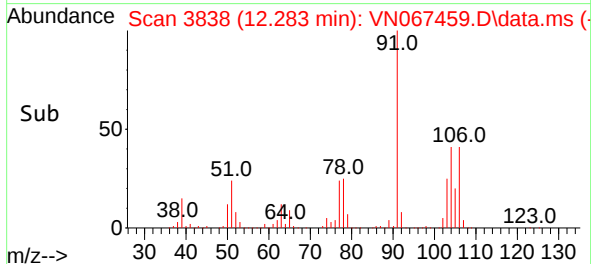
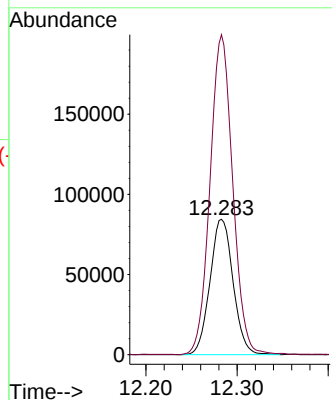
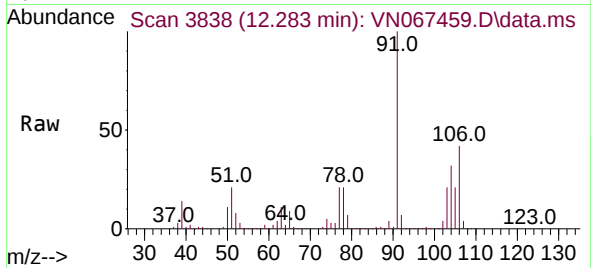




#69  
o-Xylene  
Concen: 19.719 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. -0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

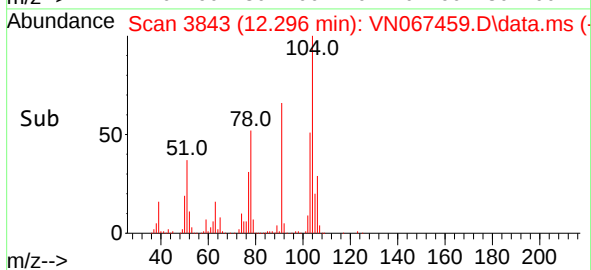
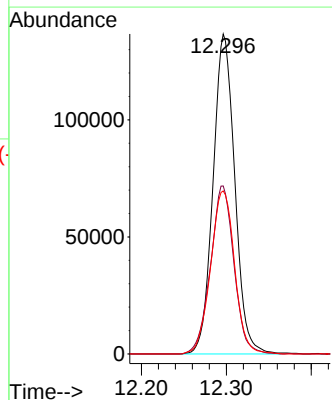
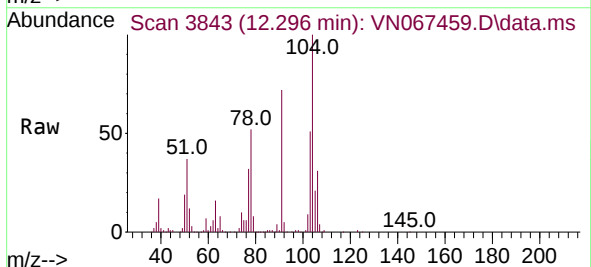
Instrument :  
MSVOA\_N  
ClientSampled :

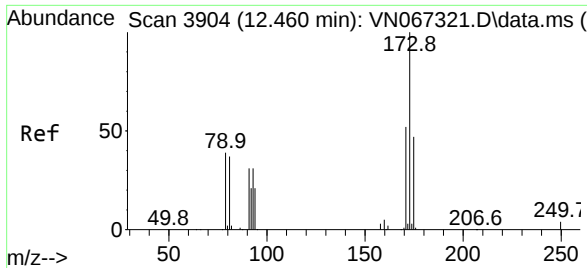
Tgt Ion:106 Resp: 148820  
Ion Ratio Lower Upper  
106 100  
91 231.8 118.3 354.9



#70  
Styrene  
Concen: 19.371 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion:104 Resp: 242998  
Ion Ratio Lower Upper  
104 100  
78 56.7 48.2 72.2  
103 56.3 44.5 66.7

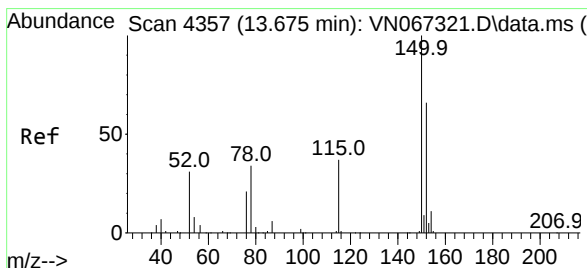
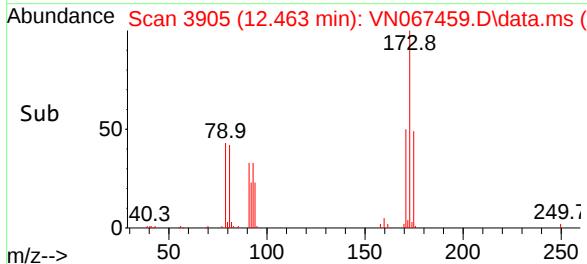
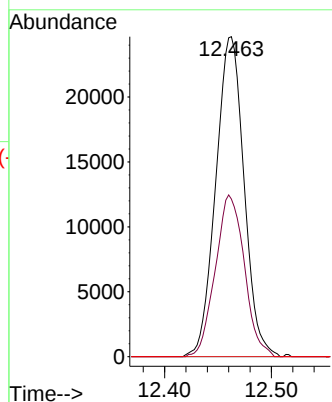
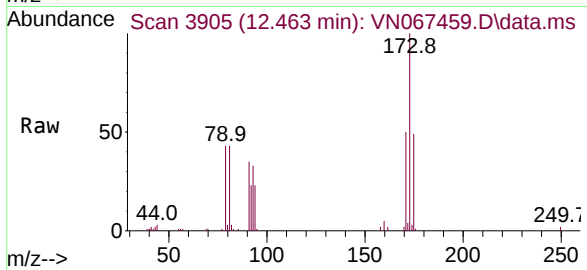




#71  
Bromoform  
Concen: 14.518 ug/l  
RT: 12.463 min Scan# 3905  
Delta R.T. 0.003 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

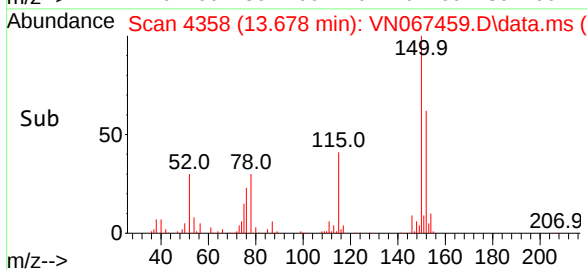
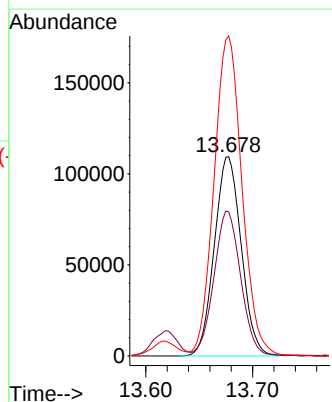
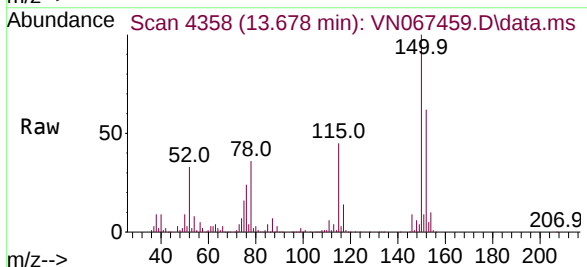
Instrument :  
MSVOA\_N  
ClientSampleId :

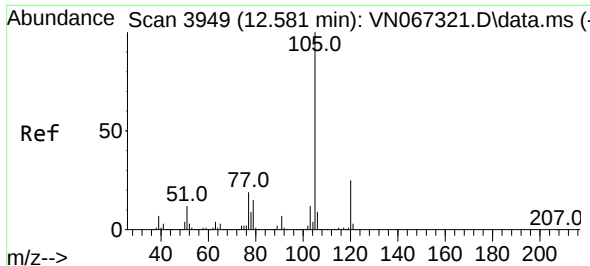
Tgt Ion:173 Resp: 45341  
Ion Ratio Lower Upper  
173 100  
175 51.9 23.9 71.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.003 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion:152 Resp: 191446  
Ion Ratio Lower Upper  
152 100  
115 71.4 36.1 108.5  
150 167.4 0.0 351.8

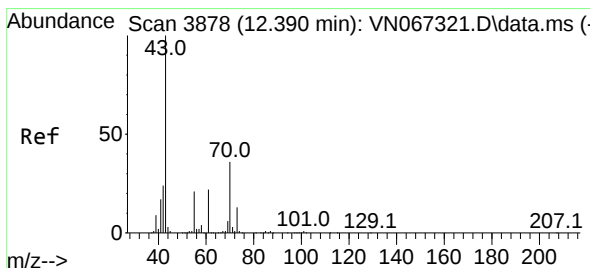
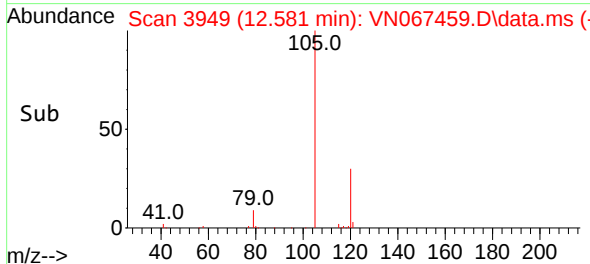
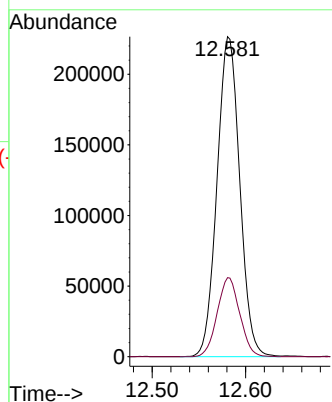
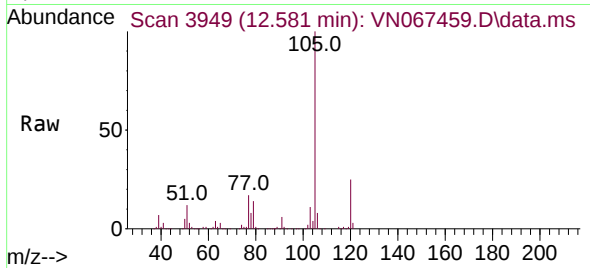




#73  
Isopropylbenzene  
Concen: 20.863 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. -0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

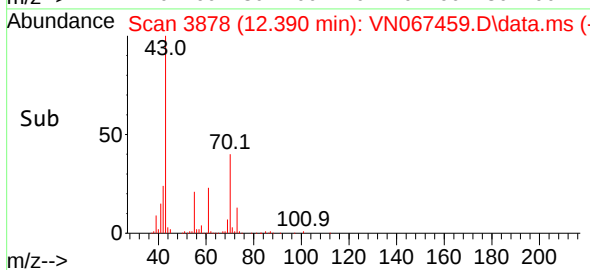
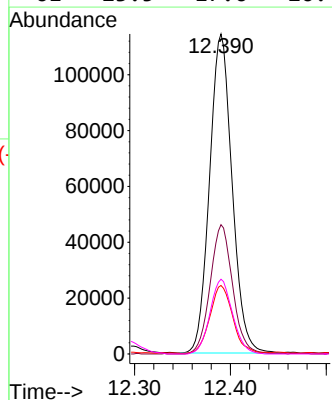
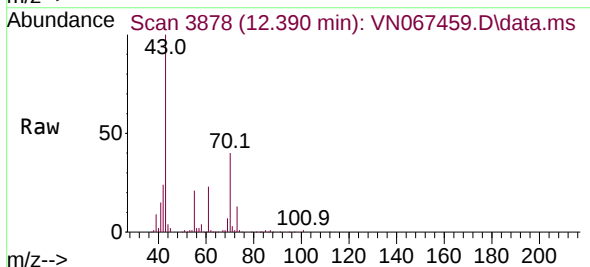
Instrument :  
MSVOA\_N  
ClientSampled :

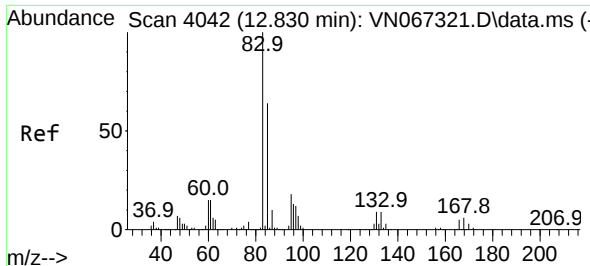
Tgt Ion:105 Resp: 383255  
Ion Ratio Lower Upper  
105 100  
120 24.5 12.5 37.5



#74  
N-ethyl acetate  
Concen: 20.764 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion: 43 Resp: 186221  
Ion Ratio Lower Upper  
43 100  
70 40.5 29.4 44.2  
55 21.6 17.0 25.4  
61 23.5 17.6 26.4

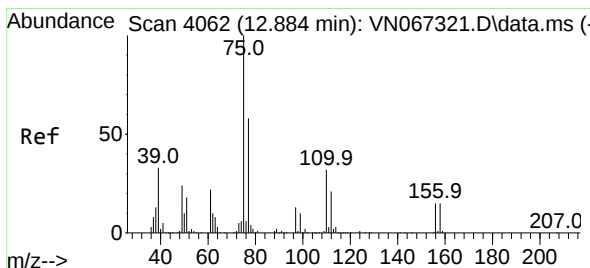
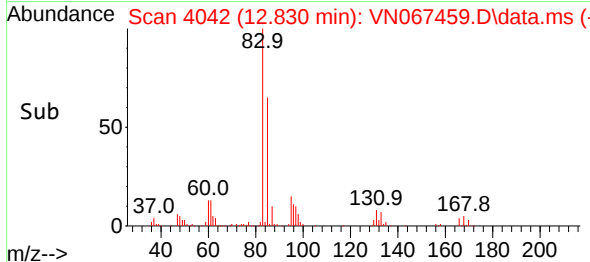
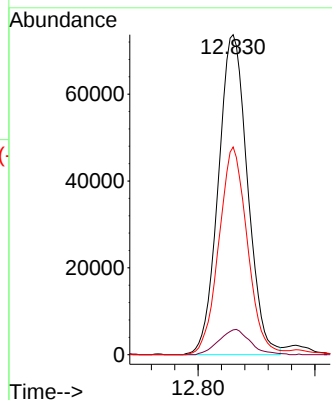
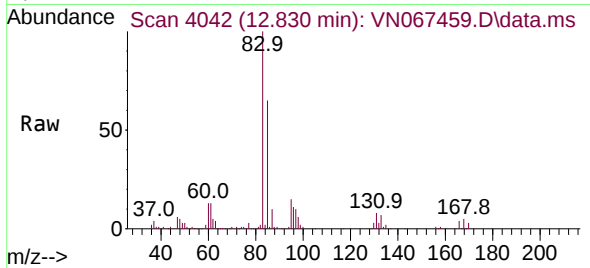




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 23.367 ug/l  
 RT: 12.830 min Scan# 4042  
 Delta R.T. 0.000 min  
 Lab File: VN067459.D  
 Acq: 23 Jun 2021 16:03

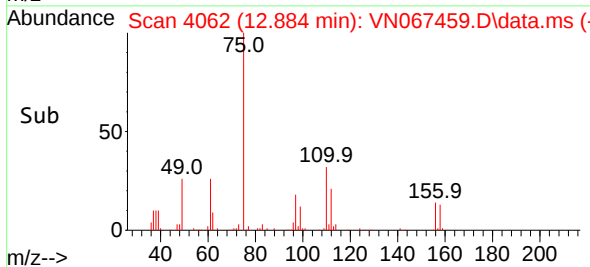
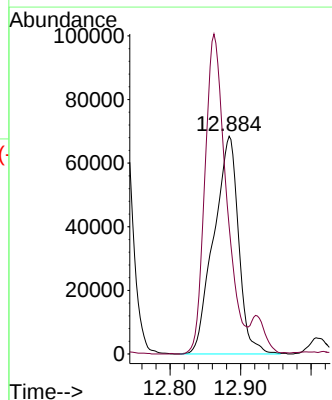
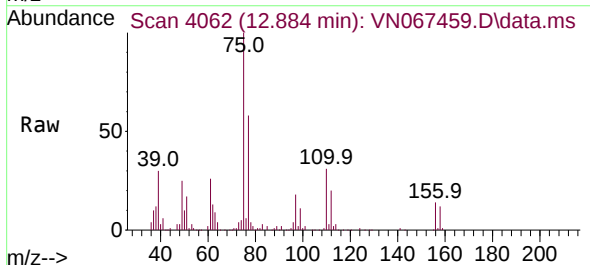
Instrument :  
 MSVOA\_N  
 ClientSampled :

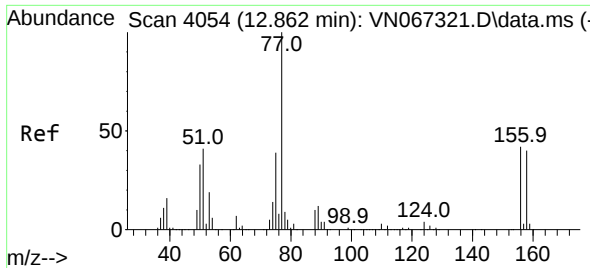
Tgt Ion: 83 Resp: 127975  
 Ion Ratio Lower Upper  
 83 100  
 131 8.4 4.8 14.4  
 85 63.3 32.2 96.6



#76  
 1,2,3-Trichloropropane  
 Concen: 33.631 ug/l  
 RT: 12.884 min Scan# 4062  
 Delta R.T. -0.000 min  
 Lab File: VN067459.D  
 Acq: 23 Jun 2021 16:03

Tgt Ion: 75 Resp: 167199  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

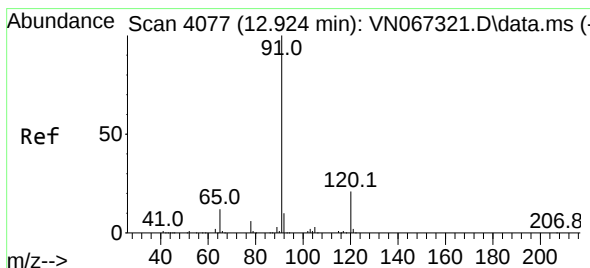
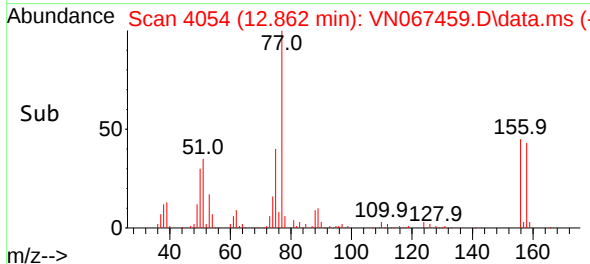
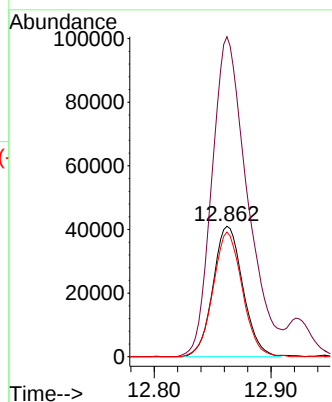
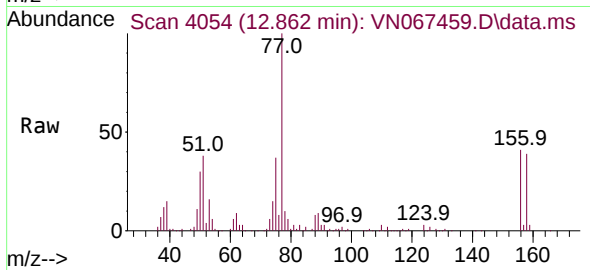




#77  
Bromobenzene  
Concen: 19.434 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

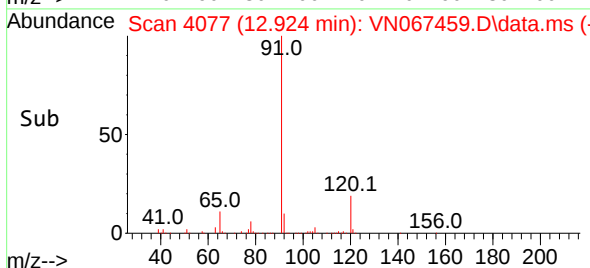
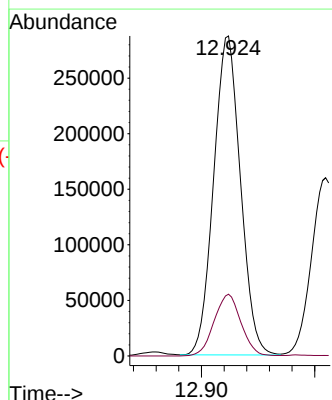
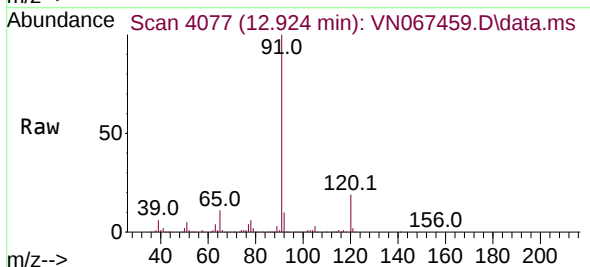
Instrument :  
MSVOA\_N  
ClientSampled :

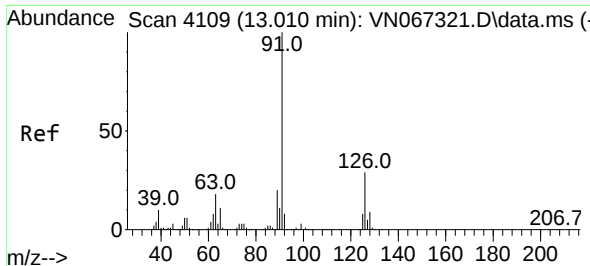
Tgt Ion:156 Resp: 72701  
Ion Ratio Lower Upper  
156 100  
77 291.8 136.2 408.6  
158 93.8 48.4 145.3



#78  
n-propylbenzene  
Concen: 21.543 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. -0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion: 91 Resp: 470708  
Ion Ratio Lower Upper  
91 100  
120 19.5 10.4 31.4

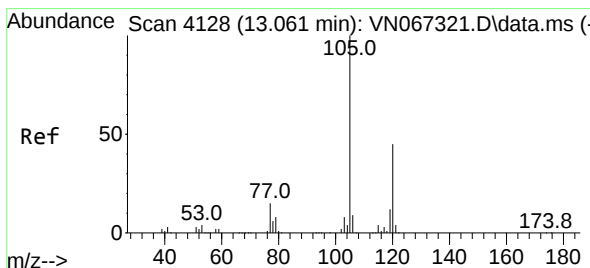
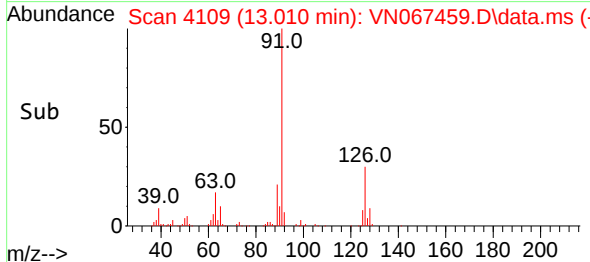
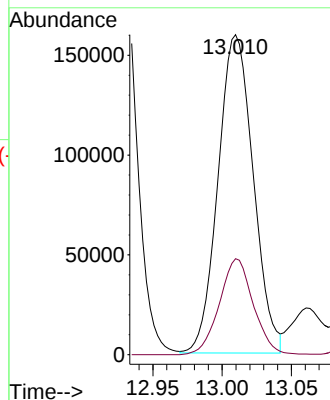
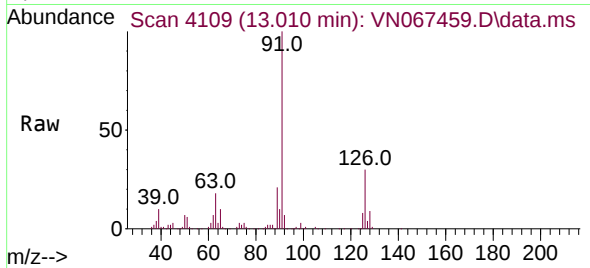




#79  
2-Chlorotoluene  
Concen: 20.742 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. -0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

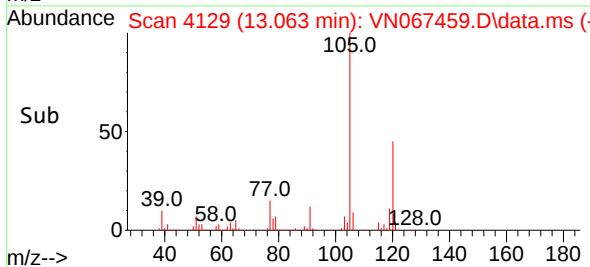
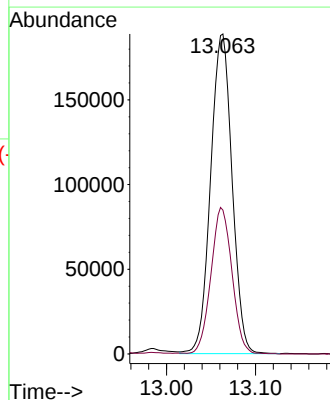
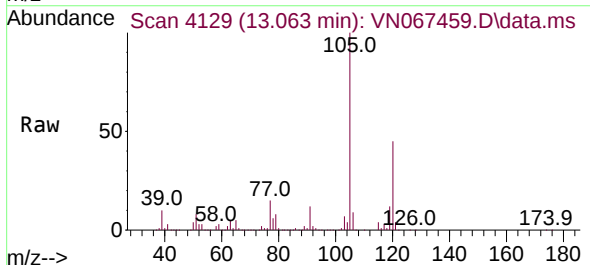
Instrument :  
MSVOA\_N  
ClientSampled :

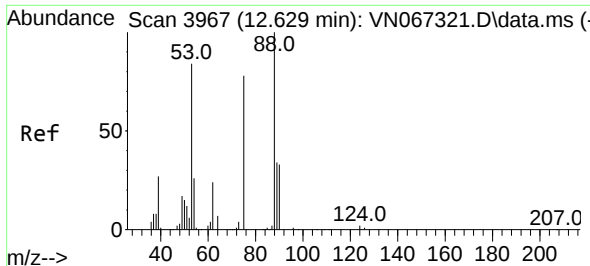
Tgt Ion: 91 Resp: 282192  
Ion Ratio Lower Upper  
91 100  
126 29.1 14.5 43.5



#80  
1,3,5-Trimethylbenzene  
Concen: 20.387 ug/l  
RT: 13.063 min Scan# 4129  
Delta R.T. 0.002 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

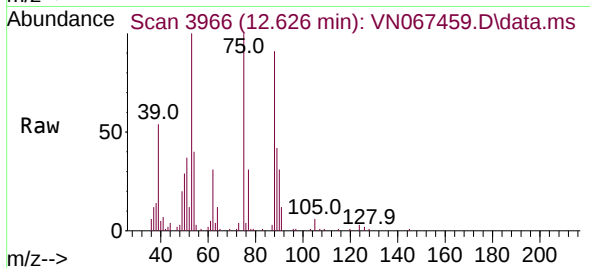
Tgt Ion:105 Resp: 315495  
Ion Ratio Lower Upper  
105 100  
120 45.1 22.2 66.6



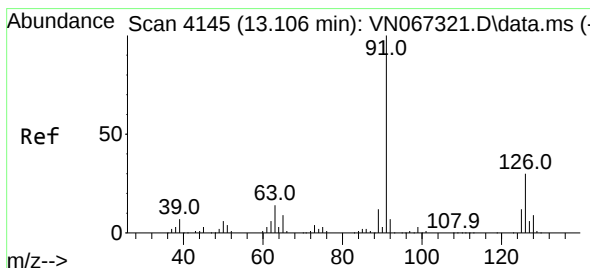
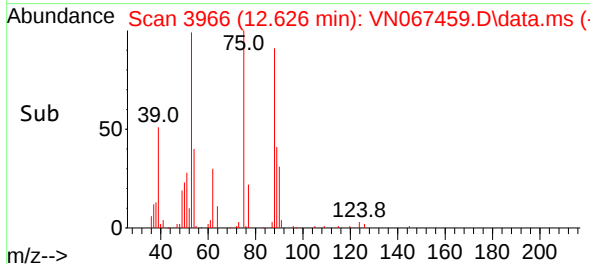
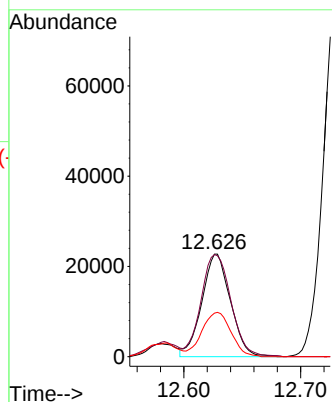


#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.260 ug/l  
RT: 12.626 min Scan# 3966  
Delta R.T. -0.003 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Instrument :  
MSVOA\_N  
ClientSampleId :

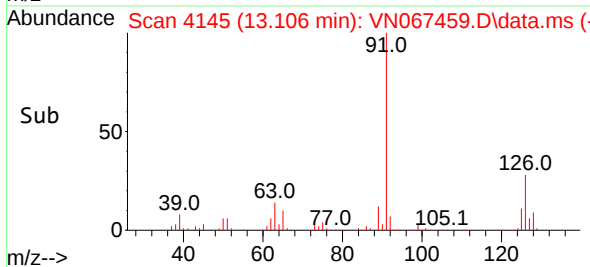
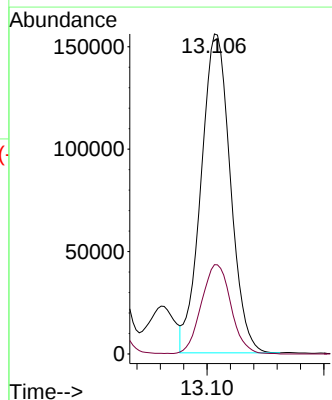
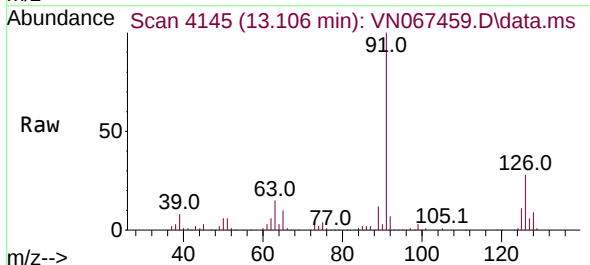


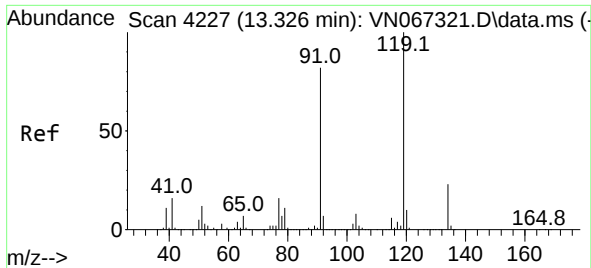
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 104.5 | 87.6  | 131.4 |
| 89      | 43.9  | 37.8  | 56.8  |



#82  
4-Chlorotoluene  
Concen: 20.038 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 28.3  | 14.8  | 44.4  |

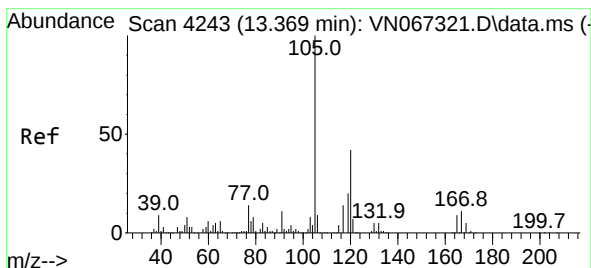
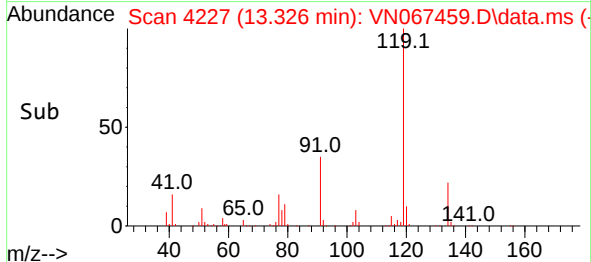
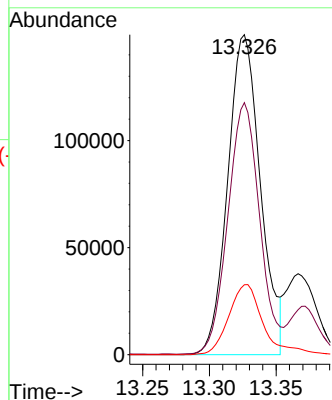
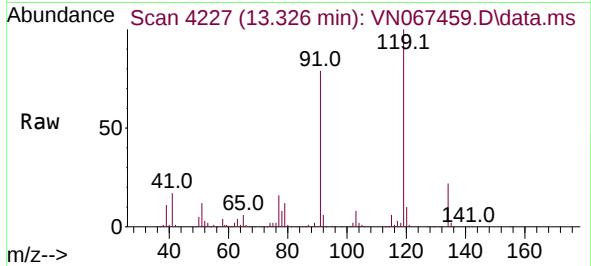




#83  
tert-Butylbenzene  
Concen: 20.712 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

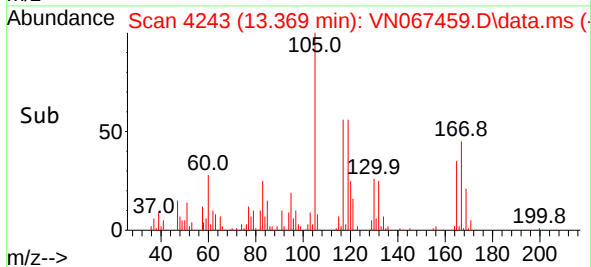
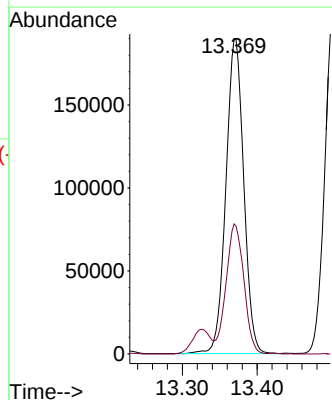
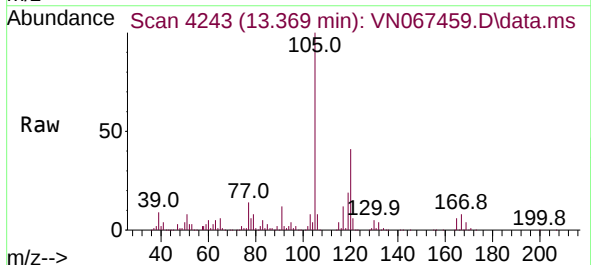
Instrument :  
MSVOA\_N  
ClientSampleId :

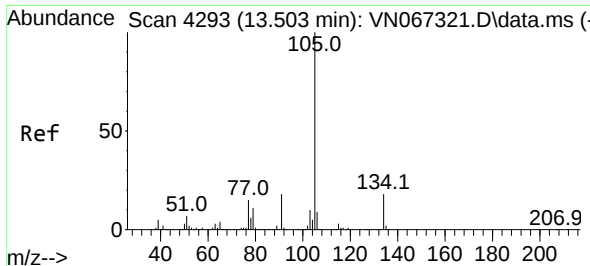
Tgt Ion:119 Resp: 255208  
Ion Ratio Lower Upper  
119 100  
91 76.9 39.5 118.5  
134 23.1 12.0 36.0



#84  
1,2,4-Trimethylbenzene  
Concen: 20.562 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion:105 Resp: 314363  
Ion Ratio Lower Upper  
105 100  
120 41.0 20.6 61.8

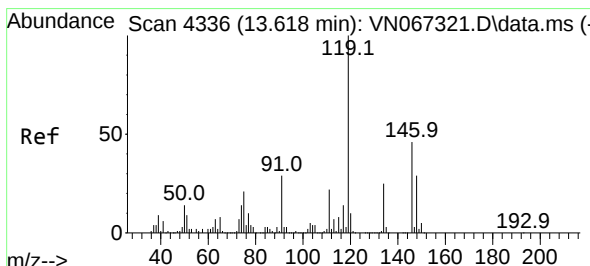
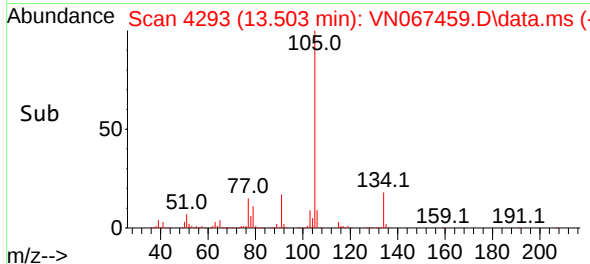
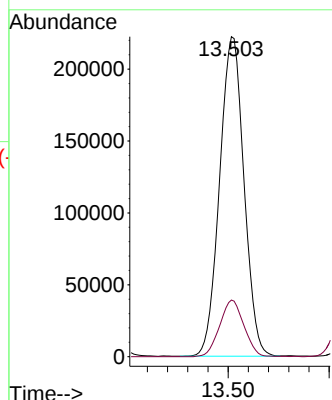
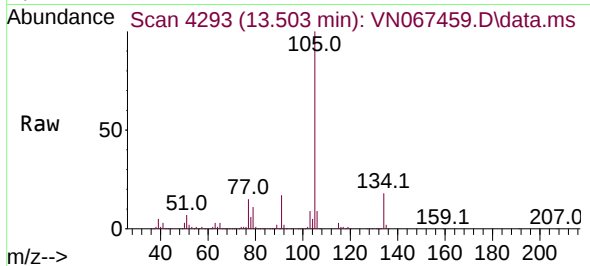




#85  
 sec-Butylbenzene  
 Concen: 21.301 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. 0.000 min  
 Lab File: VN067459.D  
 Acq: 23 Jun 2021 16:03

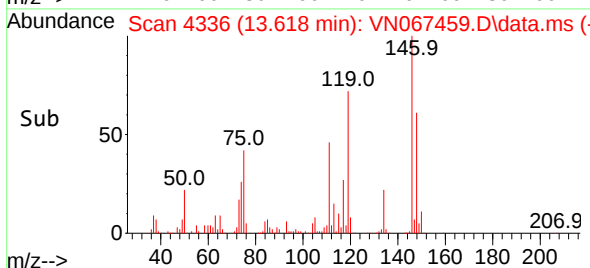
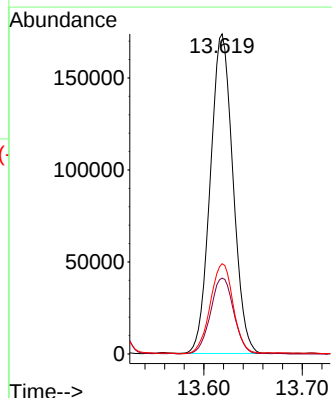
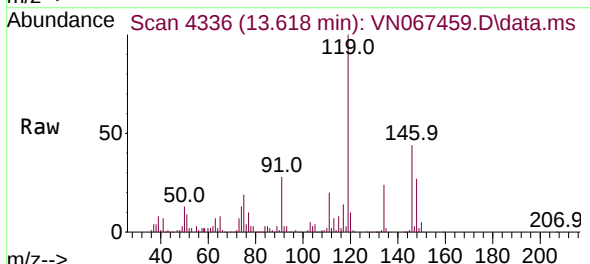
Instrument :  
 MSVOA\_N  
 ClientSampled :

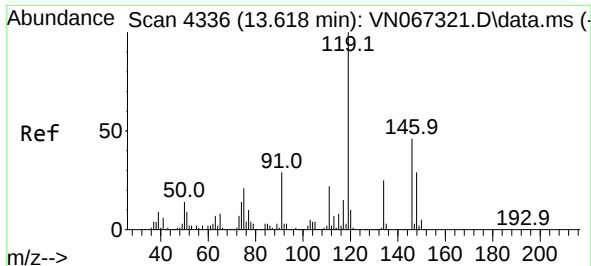
Tgt Ion:105 Resp: 371614  
 Ion Ratio Lower Upper  
 105 100  
 134 17.6 9.0 27.1



#86  
 p-Isopropyltoluene  
 Concen: 19.746 ug/l  
 RT: 13.618 min Scan# 4336  
 Delta R.T. 0.000 min  
 Lab File: VN067459.D  
 Acq: 23 Jun 2021 16:03

Tgt Ion:119 Resp: 278022  
 Ion Ratio Lower Upper  
 119 100  
 134 24.5 12.4 37.4  
 91 28.5 14.8 44.3

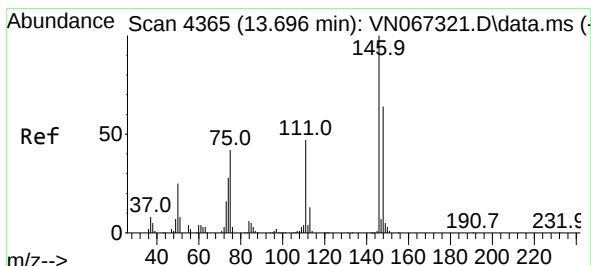
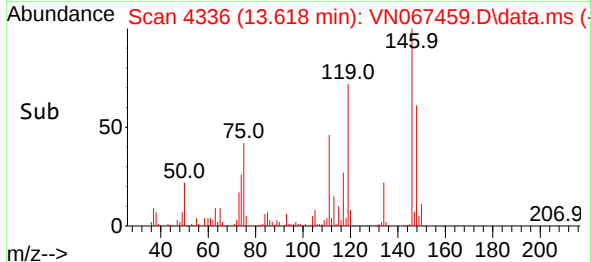
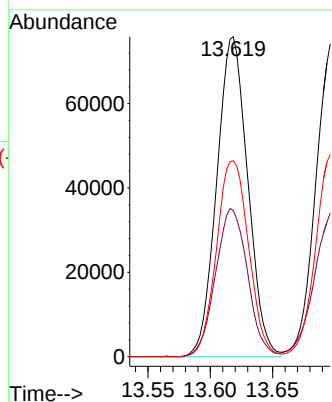
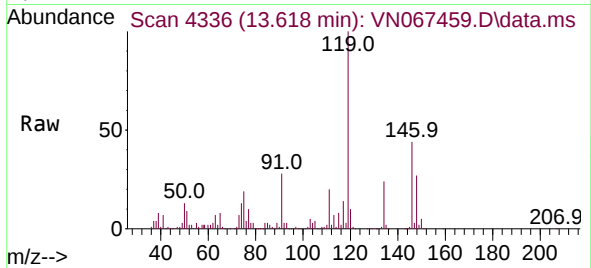




#87  
1,3-Dichlorobenzene  
Concen: 19.440 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

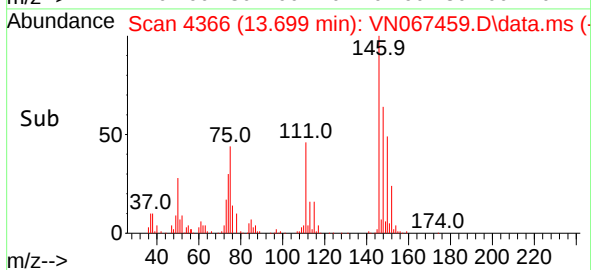
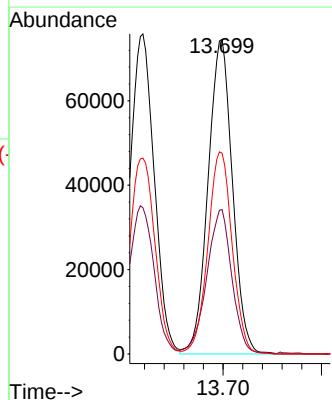
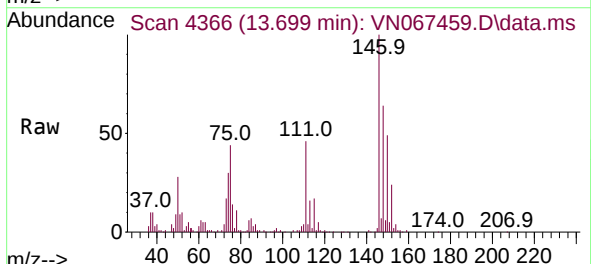
Instrument :  
MSVOA\_N  
ClientSampleId :

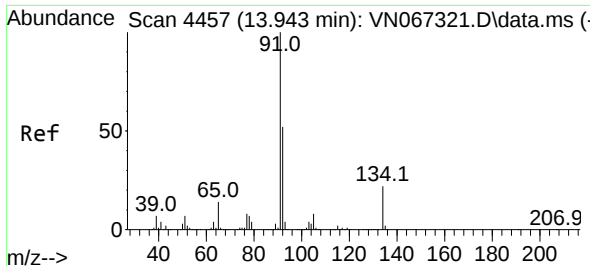
Tgt Ion:146 Resp: 131183  
Ion Ratio Lower Upper  
146 100  
111 47.7 24.3 72.8  
148 63.6 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 18.957 ug/l  
RT: 13.699 min Scan# 4366  
Delta R.T. 0.003 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

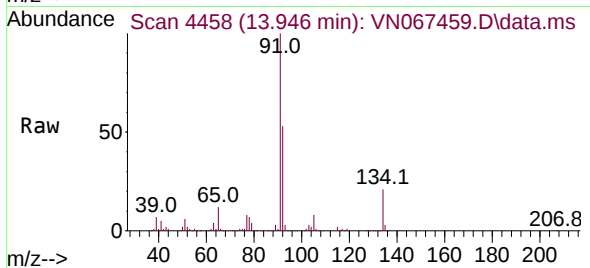
Tgt Ion:146 Resp: 128670  
Ion Ratio Lower Upper  
146 100  
111 47.5 23.4 70.2  
148 64.2 31.8 95.3



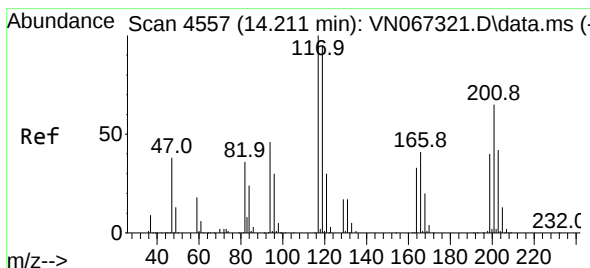
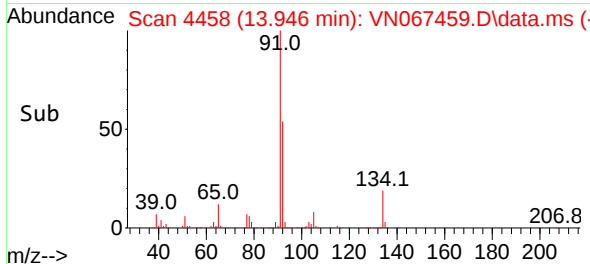
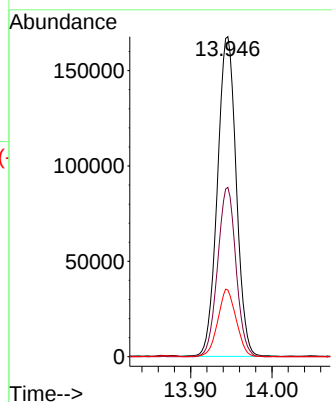


#89  
n-Butylbenzene  
Concen: 20.396 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. 0.003 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Instrument :  
MSVOA\_N  
ClientSampleId :

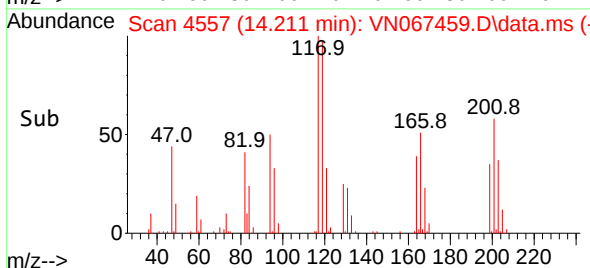
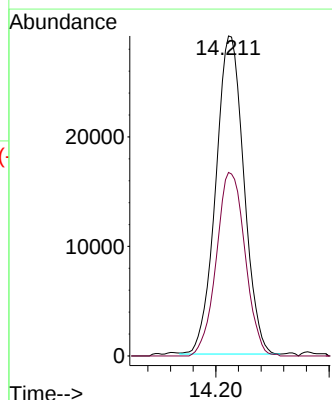
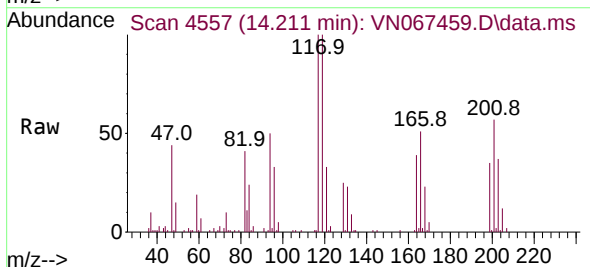


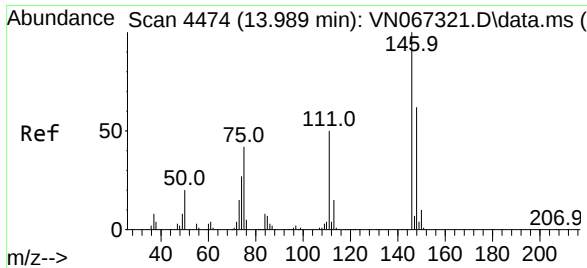
Tgt Ion: 91 Resp: 269840  
Ion Ratio Lower Upper  
91 100  
92 51.6 25.7 77.1  
134 20.7 11.2 33.6



#90  
Hexachloroethane  
Concen: 18.165 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion: 117 Resp: 50017  
Ion Ratio Lower Upper  
117 100  
201 58.9 33.5 100.5

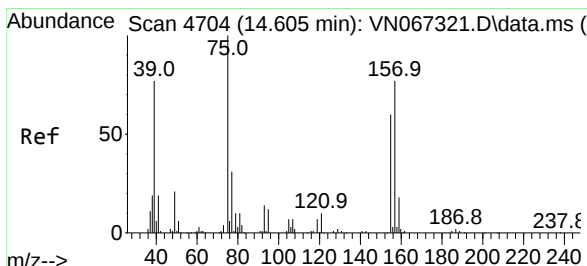
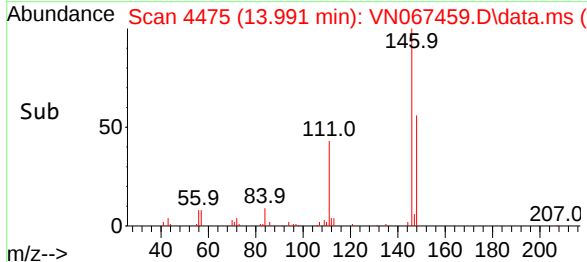
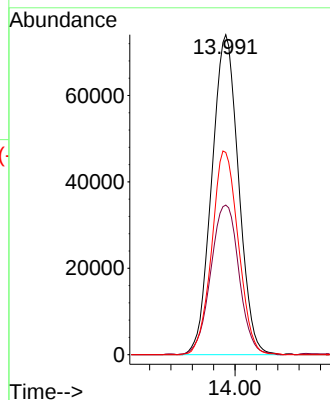
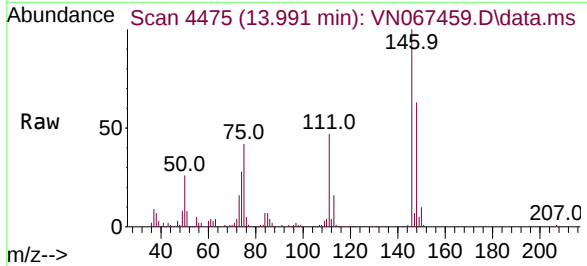




#91  
1,2-Dichlorobenzene  
Concen: 20.117 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.002 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

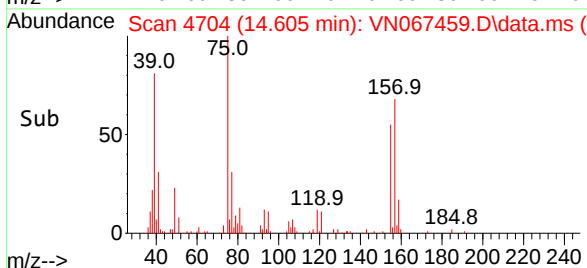
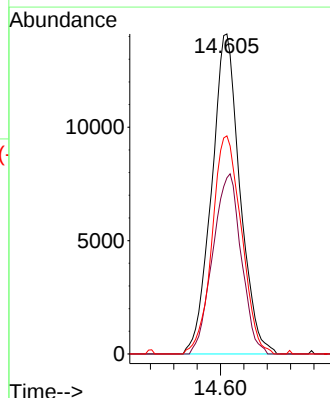
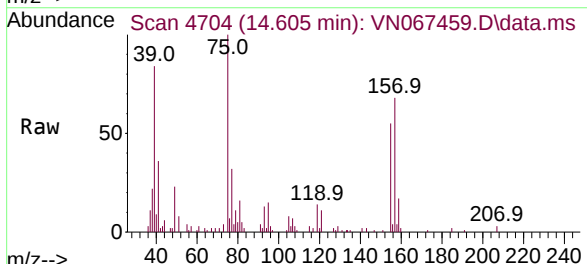
Instrument :  
MSVOA\_N  
ClientSampleId :

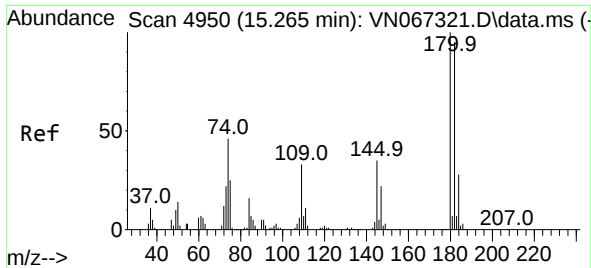
Tgt Ion:146 Resp: 128805  
Ion Ratio Lower Upper  
146 100  
111 49.5 24.9 74.6  
148 63.1 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.329 ug/l  
RT: 14.605 min Scan# 4704  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion: 75 Resp: 23725  
Ion Ratio Lower Upper  
75 100  
155 56.6 29.8 89.5  
157 70.6 37.6 112.8

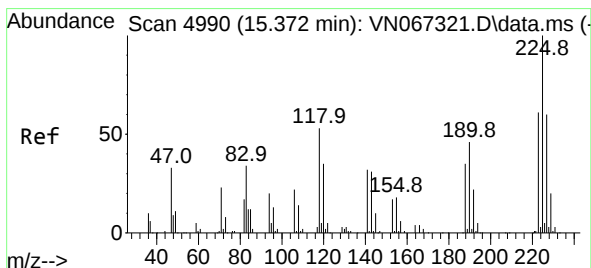
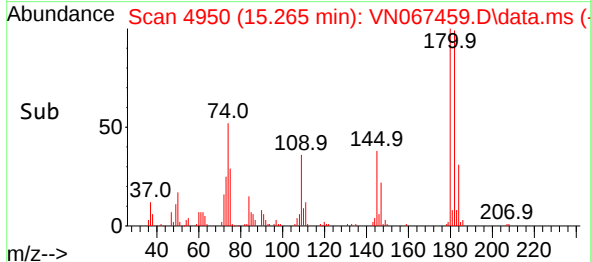
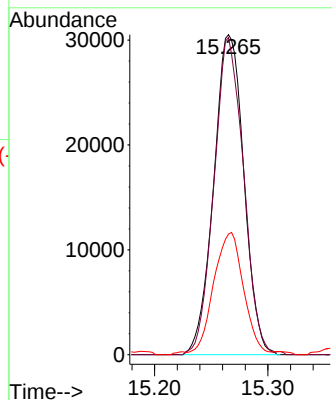
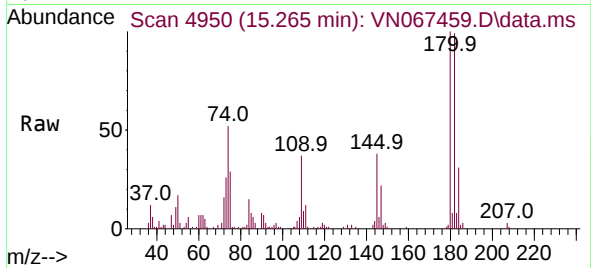




#93  
1,2,4-Trichlorobenzene  
Concen: 16.910 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

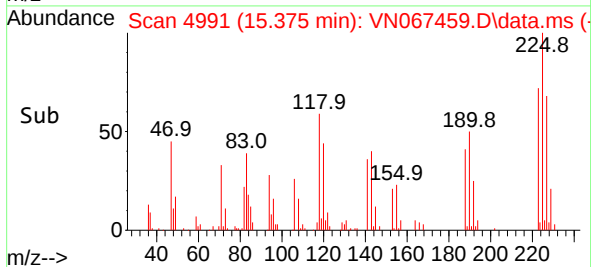
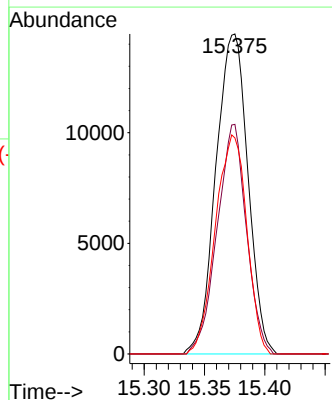
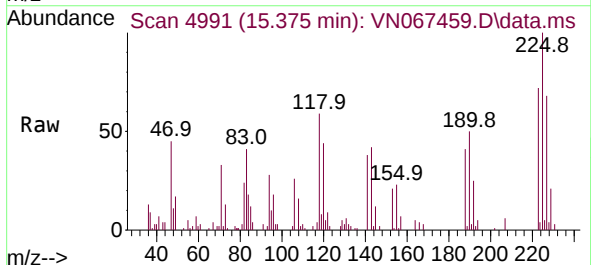
Instrument :  
MSVOA\_N  
ClientSampleId :

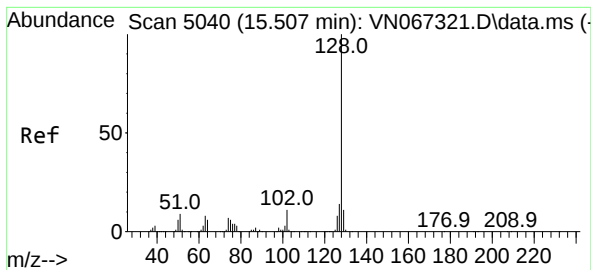
Tgt Ion:180 Resp: 56527  
Ion Ratio Lower Upper  
180 100  
182 96.5 47.5 142.5  
145 36.1 17.2 51.6



#94  
Hexachlorobutadiene  
Concen: 13.911 ug/l  
RT: 15.375 min Scan# 4991  
Delta R.T. 0.003 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion:225 Resp: 26706  
Ion Ratio Lower Upper  
225 100  
223 65.6 31.4 94.0  
227 67.1 31.2 93.6

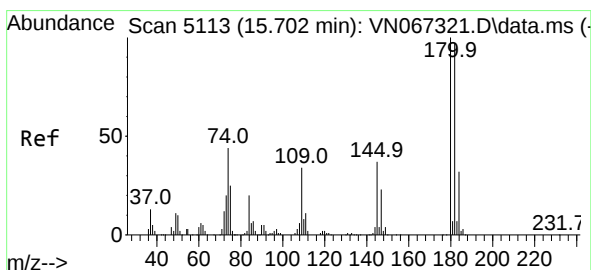
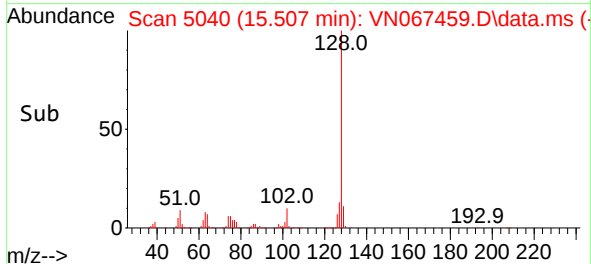
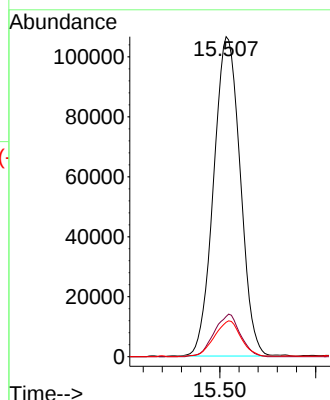
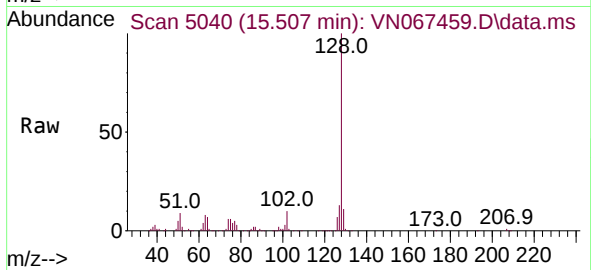




#95  
Naphthalene  
Concen: 19.313 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. -0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion:128 Resp: 204941  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.6 15.8  
129 11.3 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 17.714 ug/l  
RT: 15.702 min Scan# 5113  
Delta R.T. 0.000 min  
Lab File: VN067459.D  
Acq: 23 Jun 2021 16:03

Tgt Ion:180 Resp: 56850  
Ion Ratio Lower Upper  
180 100  
182 92.5 47.8 143.3  
145 37.1 18.2 54.6

