

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041922\  
 Data File : VN072043.D  
 Acq On : 19 Apr 2022 12:35  
 Operator : JC\MD  
 Sample : VN0419WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0419WBS01

Quant Time: Apr 20 01:23:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 31 01:57:54 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.080  | 168   | 499419   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.963  | 114   | 766652   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.739 | 117   | 766497   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.668 | 152   | 281850   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.427  | 65    | 261121   | 45.799   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | =      | 91.600%  |
| 35) Dibromofluoromethane     | 8.016  | 113   | 232873   | 51.620   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | =      | 103.240% |
| 50) Toluene-d8               | 10.433 | 98    | 968026   | 52.454   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | =      | 104.900% |
| 62) 4-Bromofluorobenzene     | 12.727 | 95    | 303555   | 50.859   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | =      | 101.720% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.063  | 85    | 99774    | 25.129   | ug/l   | 99       |
| 3) Chloromethane             | 2.293  | 50    | 106322   | 21.133   | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.440  | 62    | 103196   | 18.678   | ug/l   | 98       |
| 5) Bromomethane              | 2.810  | 94    | 32234    | 8.975    | ug/l   | 100      |
| 6) Chloroethane              | 2.946  | 64    | 70215    | 17.665   | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.328  | 101   | 145918   | 20.758   | ug/l   | 95       |
| 8) Diethyl Ether             | 3.816  | 74    | 62716    | 21.111   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 4.187  | 101   | 90036    | 20.785   | ug/l   | 98       |
| 10) Methyl Iodide            | 4.404  | 142   | 120907   | 19.967   | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.387  | 59    | 67022    | 72.437   | ug/l # | 84       |
| 12) 1,1-Dichloroethene       | 4.163  | 96    | 87232    | 21.161   | ug/l   | 97       |
| 13) Acrolein                 | 4.034  | 56    | 49159    | 43.574   | ug/l   | 98       |
| 14) Allyl chloride           | 4.822  | 41    | 129349   | 19.333   | ug/l   | 95       |
| 15) Acrylonitrile            | 5.545  | 53    | 294939   | 109.667  | ug/l   | 98       |
| 16) Acetone                  | 4.287  | 43    | 202149   | 82.964   | ug/l   | 94       |
| 17) Carbon Disulfide         | 4.510  | 76    | 198444   | 20.981   | ug/l   | 97       |
| 18) Methyl Acetate           | 4.845  | 43    | 125762   | 19.933   | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 5.610  | 73    | 308674   | 20.156   | ug/l   | 97       |
| 20) Methylene Chloride       | 5.081  | 84    | 112913   | 21.986   | ug/l   | 96       |
| 21) trans-1,2-Dichloroethene | 5.581  | 96    | 94765    | 20.941   | ug/l   | 91       |
| 22) Diisopropyl ether        | 6.486  | 45    | 293627   | 20.159   | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.422  | 43    | 1210979  | 104.549  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.381  | 63    | 177316   | 20.737   | ug/l   | 98       |
| 25) 2-Butanone               | 7.333  | 43    | 360737   | 102.696  | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 7.316  | 77    | 143959   | 19.598   | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 7.316  | 96    | 118107   | 21.283   | ug/l   | 94       |
| 28) Bromochloromethane       | 7.651  | 49    | 61745    | 17.900   | ug/l   | 94       |
| 29) Tetrahydrofuran          | 7.680  | 42    | 232206   | 102.092  | ug/l   | 96       |
| 30) Chloroform               | 7.810  | 83    | 184438   | 20.428   | ug/l   | 97       |
| 31) Cyclohexane              | 8.086  | 56    | 159379   | 20.555   | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 8.004  | 97    | 151215   | 19.577   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.216  | 75    | 129571   | 20.567   | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.404  | 43    | 142464   | 20.661   | ug/l   | 95       |
| 38) Carbon Tetrachloride     | 8.204  | 117   | 127112   | 20.588   | ug/l   | 96       |
| 39) Methylcyclohexane        | 9.451  | 83    | 161854   | 21.583   | ug/l   | 100      |
| 40) Benzene                  | 8.451  | 78    | 435891   | 21.903   | ug/l   | 98       |

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 Sample : VN0419WBS01  
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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Quant Time: Apr 20 01:23:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 31 01:57:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 41) Methacrylonitrile         | 7.628  | 41   | 75408    | 22.335  | ug/l  | 95       |
| 42) 1,2-Dichloroethane        | 8.527  | 62   | 139051   | 20.199  | ug/l  | 97       |
| 43) Isopropyl Acetate         | 8.557  | 43   | 219147   | 19.107  | ug/l  | 94       |
| 44) Trichloroethene           | 9.210  | 130  | 111437   | 21.735  | ug/l  | 99       |
| 45) 1,2-Dichloropropane       | 9.486  | 63   | 108731   | 21.870  | ug/l  | 99       |
| 46) Dibromomethane            | 9.569  | 93   | 73202    | 21.686  | ug/l  | 99       |
| 47) Bromodichloromethane      | 9.757  | 83   | 141556   | 21.304  | ug/l  | 100      |
| 48) Methyl methacrylate       | 9.557  | 41   | 101802   | 21.394  | ug/l  | 88       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 26966    | 228.216 | ug/l  | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.327 | 43   | 767423   | 116.379 | ug/l  | 95       |
| 52) Toluene                   | 10.498 | 92   | 298983   | 23.767  | ug/l  | 99       |
| 53) t-1,3-Dichloropropene     | 10.716 | 75   | 157157   | 22.567  | ug/l  | 98       |
| 54) cis-1,3-Dichloropropene   | 10.186 | 75   | 168471   | 21.895  | ug/l  | 93       |
| 55) 1,1,2-Trichloroethane     | 10.892 | 97   | 121223   | 23.414  | ug/l  | 98       |
| 56) Ethyl methacrylate        | 10.757 | 69   | 181084   | 24.517  | ug/l  | 91       |
| 57) 1,3-Dichloropropane       | 11.039 | 76   | 201494   | 23.277  | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.033 | 63   | 271451   | 128.244 | ug/l  | 100      |
| 59) 2-Hexanone                | 11.080 | 43   | 501778   | 108.081 | ug/l  | 95       |
| 60) Dibromochloromethane      | 11.233 | 129  | 120581   | 23.885  | ug/l  | 99       |
| 61) 1,2-Dibromoethane         | 11.339 | 107  | 124162   | 24.363  | ug/l  | 98       |
| 64) Tetrachloroethene         | 10.974 | 164  | 101707   | 20.094  | ug/l  | 98       |
| 65) Chlorobenzene             | 11.763 | 112  | 335419   | 21.854  | ug/l  | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.839 | 131  | 116548   | 21.044  | ug/l  | 99       |
| 67) Ethyl Benzene             | 11.839 | 91   | 562978   | 21.668  | ug/l  | 99       |
| 68) m/p-Xylenes               | 11.951 | 106  | 441856   | 44.261  | ug/l  | 99       |
| 69) o-Xylene                  | 12.274 | 106  | 217559   | 21.956  | ug/l  | 98       |
| 70) Styrene                   | 12.292 | 104  | 336709   | 22.428  | ug/l  | 99       |
| 71) Bromoform                 | 12.451 | 173  | 85255    | 20.214  | ug/l  | 100      |
| 73) Isopropylbenzene          | 12.574 | 105  | 540633   | 22.763  | ug/l  | 100      |
| 74) N-amyl acetate            | 12.386 | 43   | 137589   | 20.219  | ug/l  | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.821 | 83   | 163834   | 20.674  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane    | 12.874 | 75   | 192596   | 29.497  | ug/l  | 54       |
| 77) Bromobenzene              | 12.857 | 156  | 128484   | 21.580  | ug/l  | 96       |
| 78) n-propylbenzene           | 12.915 | 91   | 571113   | 22.860  | ug/l  | 100      |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 355126   | 22.164  | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 451821   | 24.010  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.621 | 75   | 42379    | 20.114  | ug/l  | 97       |
| 82) 4-Chlorotoluene           | 13.098 | 91   | 320214   | 21.561  | ug/l  | 100      |
| 83) tert-Butylbenzene         | 13.315 | 119  | 385286   | 22.398  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.362 | 105  | 436527   | 23.775  | ug/l  | 99       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 508842   | 22.819  | ug/l  | 100      |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 415700   | 23.381  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene       | 13.610 | 146  | 207639   | 21.890  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene       | 13.692 | 146  | 200508   | 21.667  | ug/l  | 100      |
| 89) n-Butylbenzene            | 13.939 | 91   | 291321   | 22.091  | ug/l  | 99       |
| 90) Hexachloroethane          | 14.204 | 117  | 65893    | 20.246  | ug/l  | 93       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 209700   | 22.519  | ug/l  | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 27086    | 22.036  | ug/l  | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.256 | 180  | 85334    | 20.316  | ug/l  | 98       |
| 94) Hexachlorobutadiene       | 15.362 | 225  | 55956    | 20.374  | ug/l  | 97       |
| 95) Naphthalene               | 15.504 | 128  | 232859   | 20.566  | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 88507    | 21.799  | ug/l  | 100      |

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Sample : VN0419WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

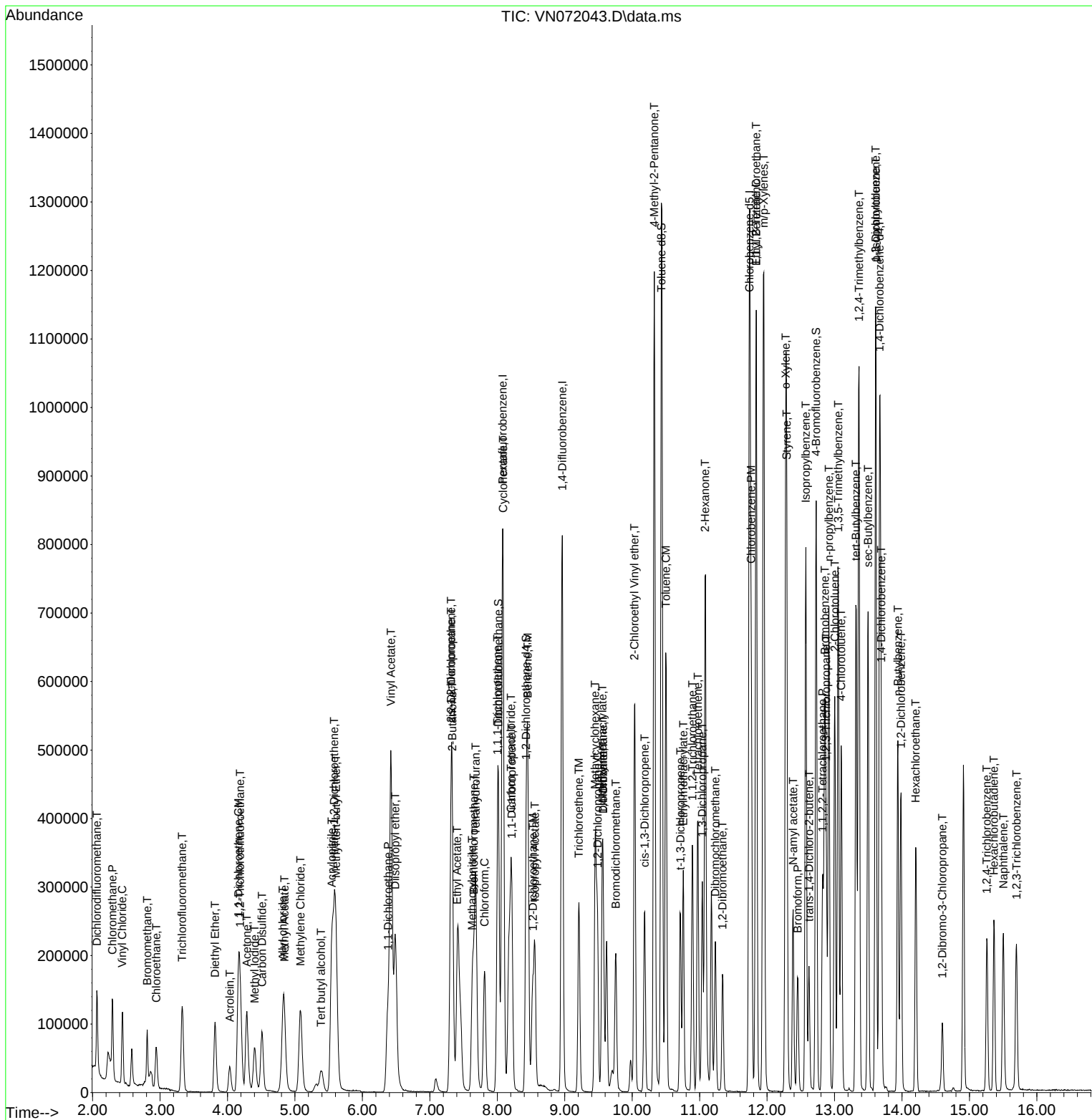
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

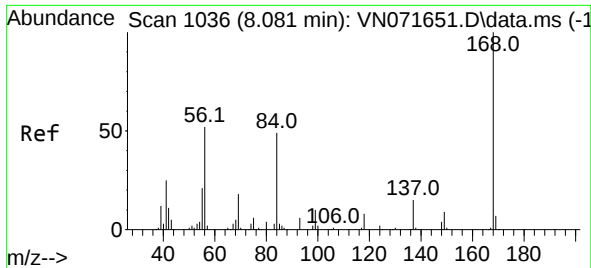
Quant Time: Apr 20 01:23:44 2022  
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Quant Title : SW846 8260  
QLast Update : Thu Mar 31 01:57:54 2022  
Response via : Initial Calibration

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

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

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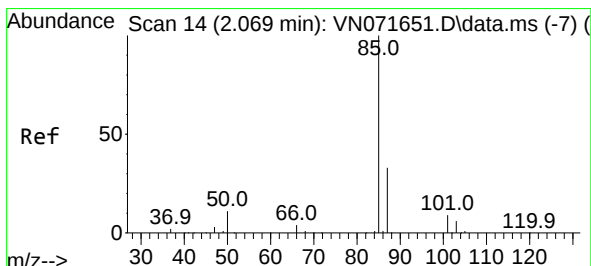
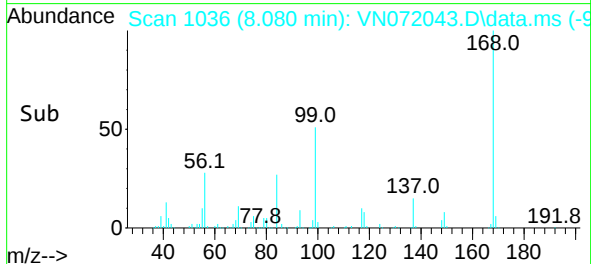
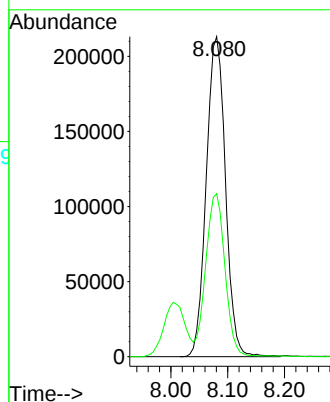
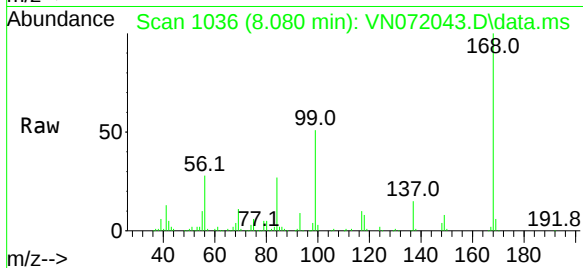




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.080 min Scan# 10  
Delta R.T. -0.001 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

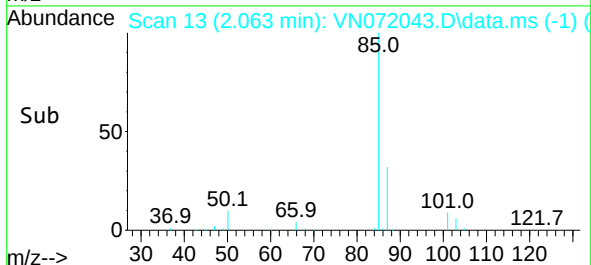
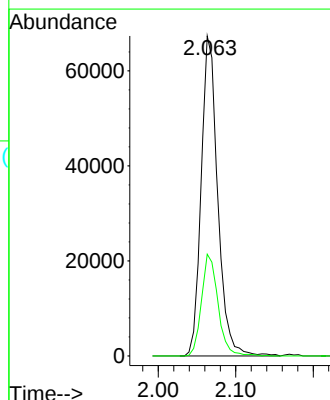
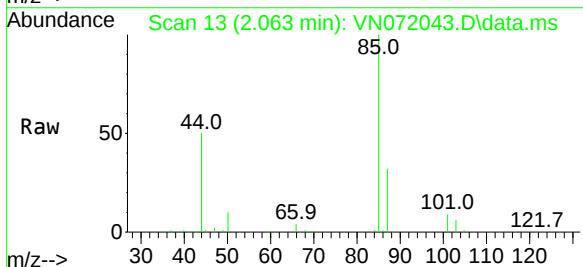
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

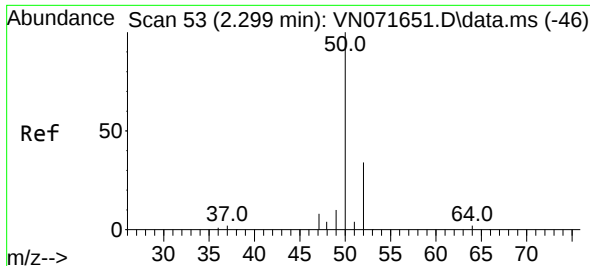
Tgt Ion:168 Resp: 499419  
Ion Ratio Lower Upper  
168 100  
99 50.8 42.3 63.5



#2  
Dichlorodifluoromethane  
Concen: 25.129 ug/l  
RT: 2.063 min Scan# 13  
Delta R.T. -0.006 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion: 85 Resp: 99774  
Ion Ratio Lower Upper  
85 100  
87 31.8 15.7 47.1

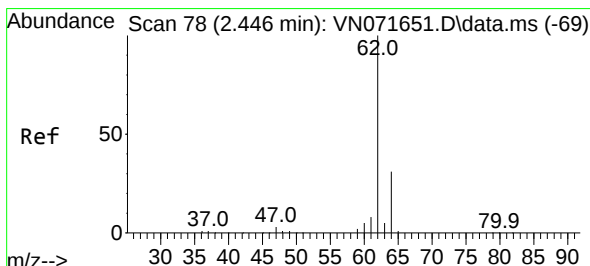
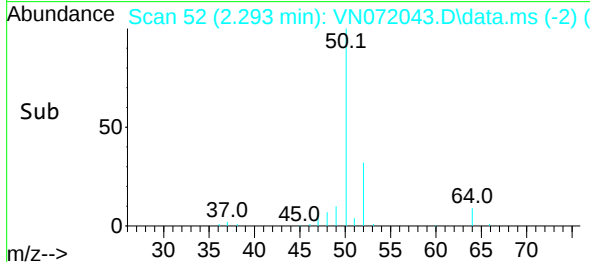
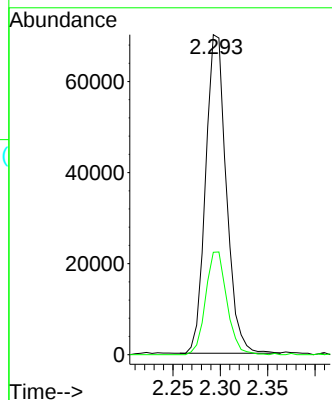
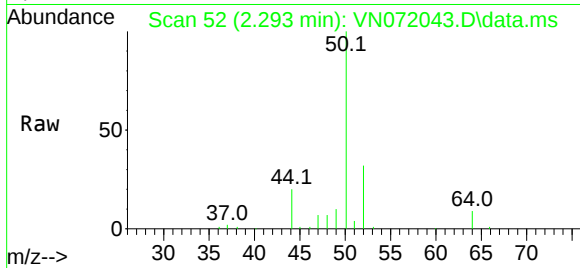




#3  
Chloromethane  
Concen: 21.133 ug/l  
RT: 2.293 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

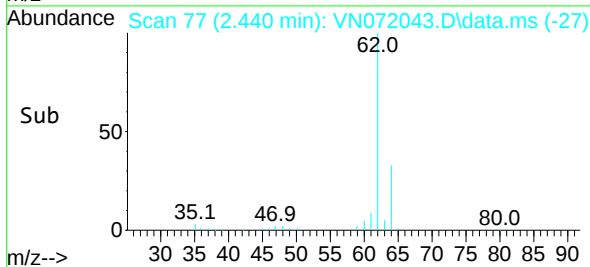
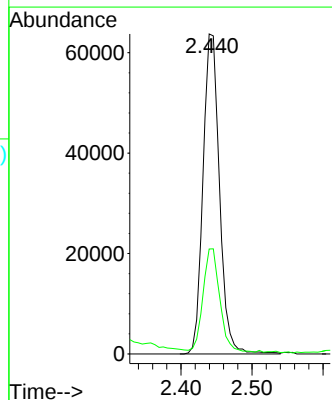
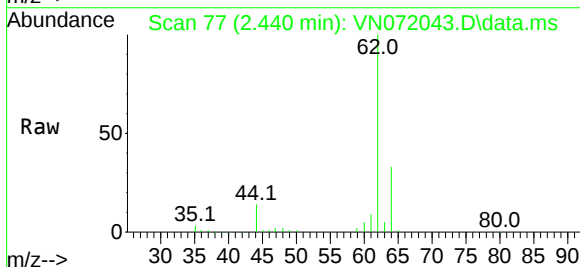
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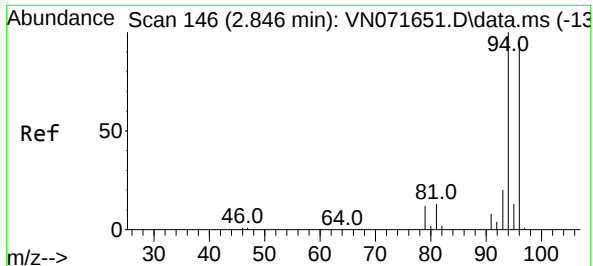
Tgt Ion: 50 Resp: 106322  
Ion Ratio Lower Upper  
50 100  
52 32.1 25.7 38.5



#4  
Vinyl Chloride  
Concen: 18.678 ug/l  
RT: 2.440 min Scan# 77  
Delta R.T. -0.006 min  
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Tgt Ion: 62 Resp: 103196  
Ion Ratio Lower Upper  
62 100  
64 32.3 25.0 37.4

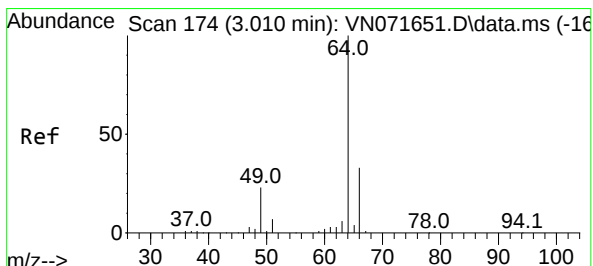
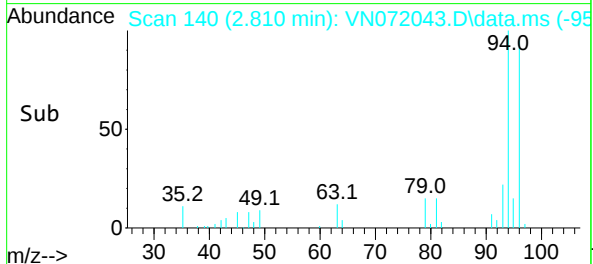
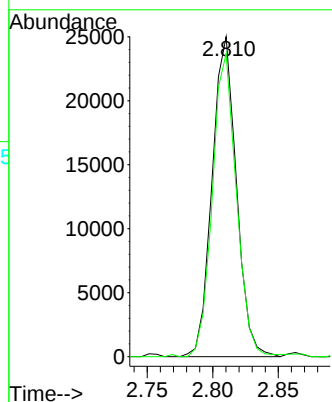
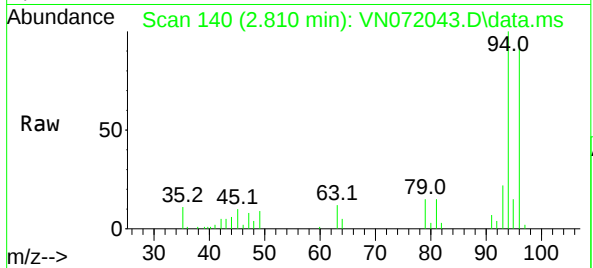




#5  
Bromomethane  
Concen: 8.975 ug/l  
RT: 2.810 min Scan# 14  
Delta R.T. -0.036 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

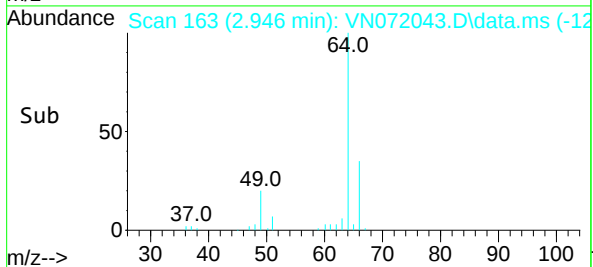
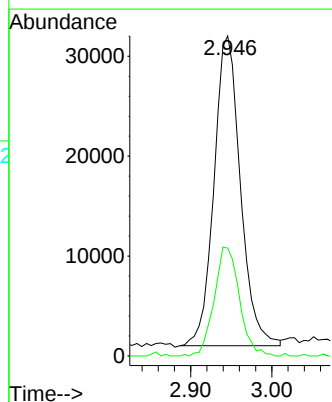
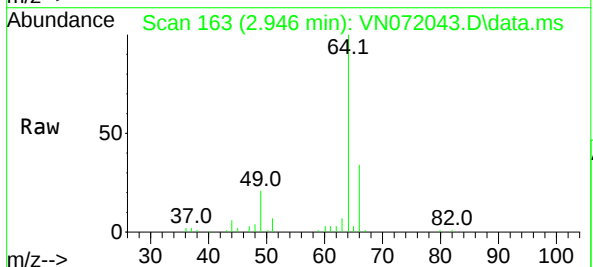
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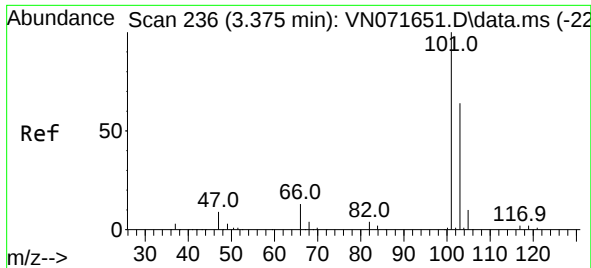
Tgt Ion: 94 Resp: 32234  
Ion Ratio Lower Upper  
94 100  
96 94.7 76.0 114.0



#6  
Chloroethane  
Concen: 17.665 ug/l  
RT: 2.946 min Scan# 163  
Delta R.T. -0.064 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion: 64 Resp: 70215  
Ion Ratio Lower Upper  
64 100  
66 34.8 26.2 39.4

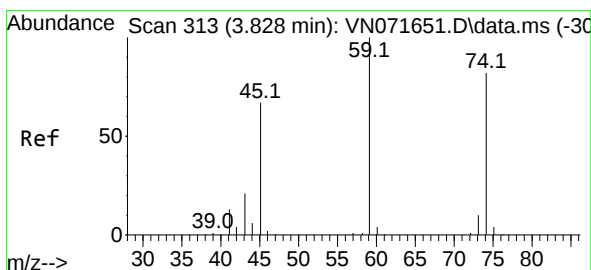
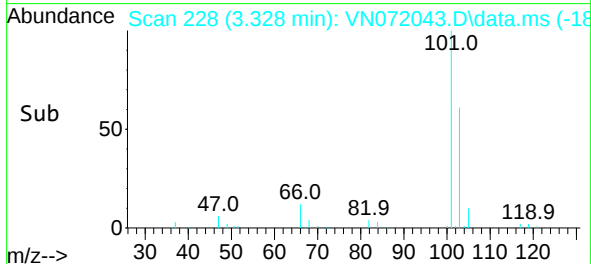
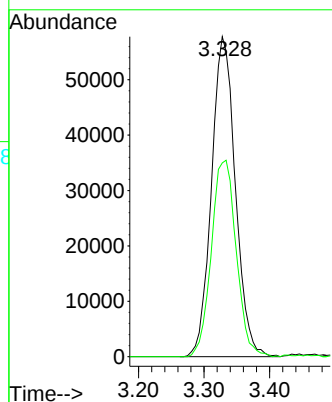
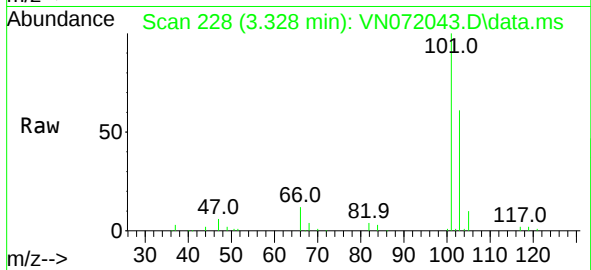




#7  
Trichlorofluoromethane  
Concen: 20.758 ug/l  
RT: 3.328 min Scan# 21  
Delta R.T. -0.047 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

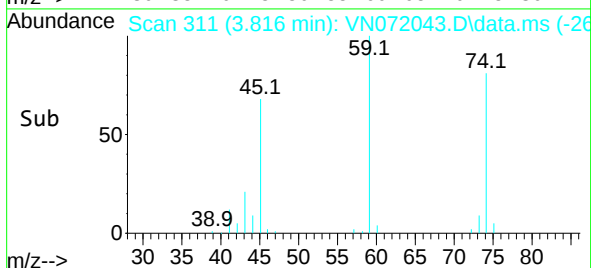
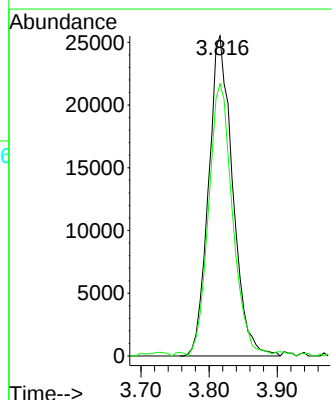
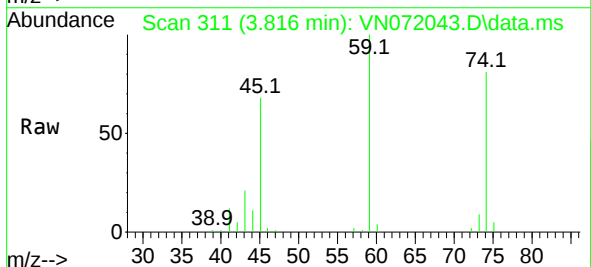
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

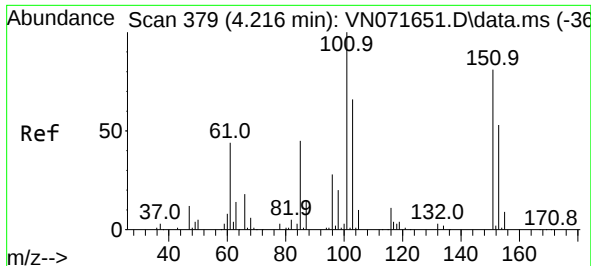
Tgt Ion:101 Resp: 145918  
Ion Ratio Lower Upper  
101 100  
103 60.6 51.5 77.3



#8  
Diethyl Ether  
Concen: 21.111 ug/l  
RT: 3.816 min Scan# 311  
Delta R.T. -0.012 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion: 74 Resp: 62716  
Ion Ratio Lower Upper  
74 100  
45 84.9 42.9 128.5

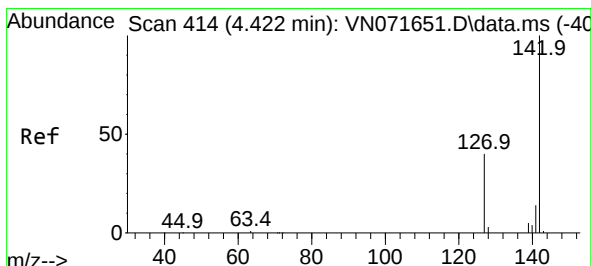
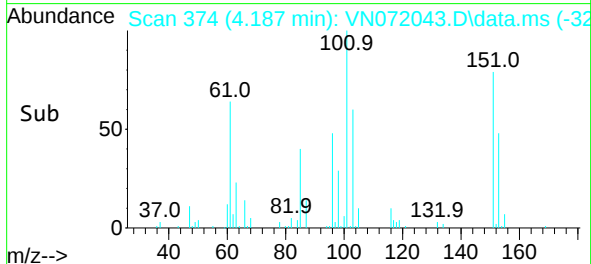
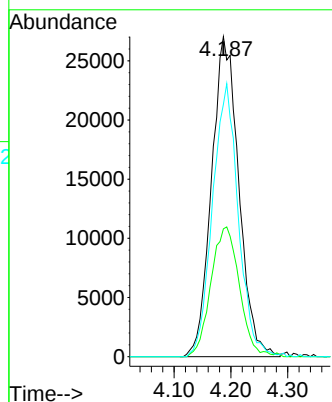
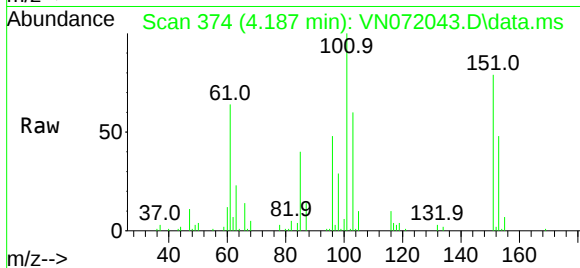




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.785 ug/l  
RT: 4.187 min Scan# 31  
Delta R.T. -0.029 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

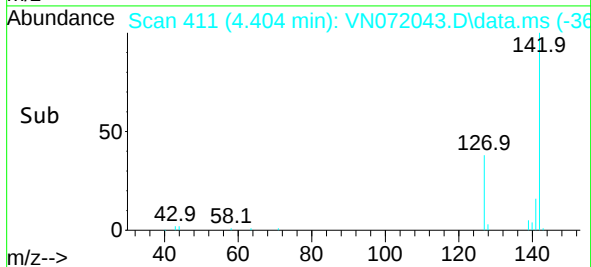
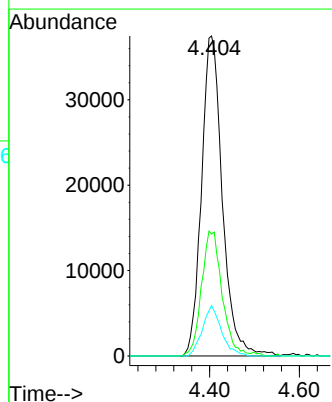
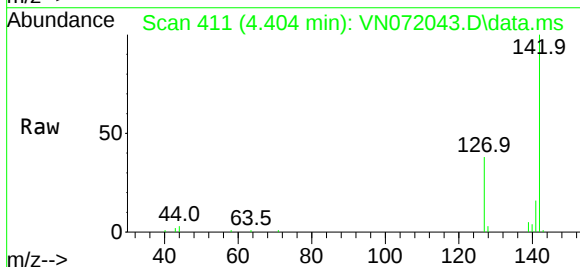
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

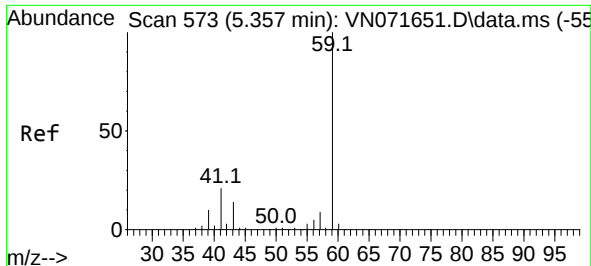
Tgt Ion:101 Resp: 90036  
Ion Ratio Lower Upper  
101 100  
85 42.4 34.7 52.1  
151 80.9 63.0 94.4



#10  
Methyl Iodide  
Concen: 19.967 ug/l  
RT: 4.404 min Scan# 411  
Delta R.T. -0.018 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion:142 Resp: 120907  
Ion Ratio Lower Upper  
142 100  
127 38.4 31.3 46.9  
141 14.3 11.2 16.8

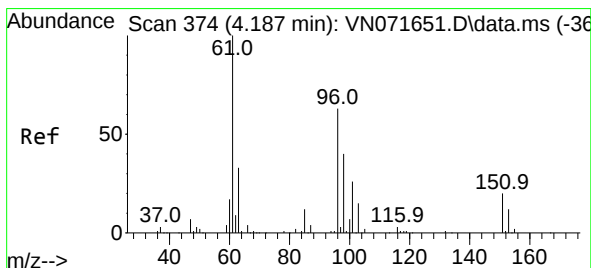
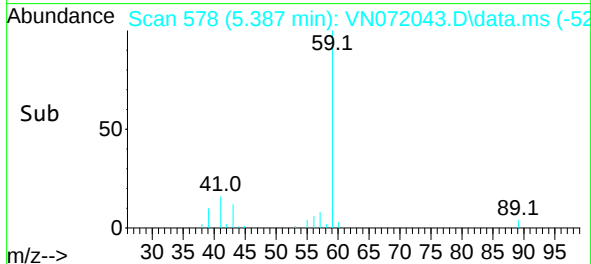
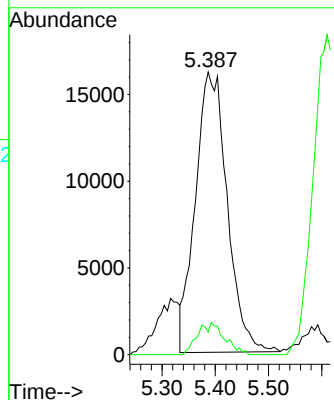
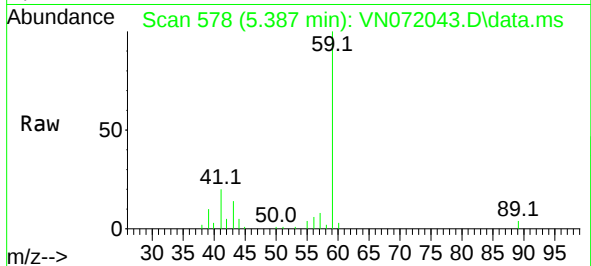




#11  
Tert butyl alcohol  
Concen: 72.437 ug/l  
RT: 5.387 min Scan# 51  
Delta R.T. 0.030 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

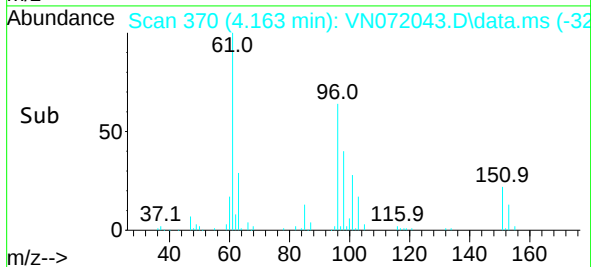
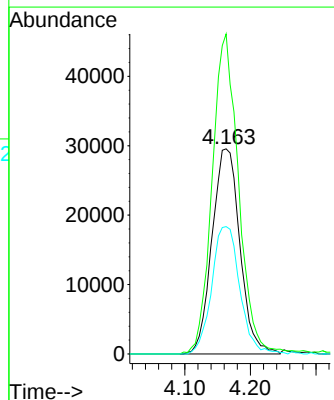
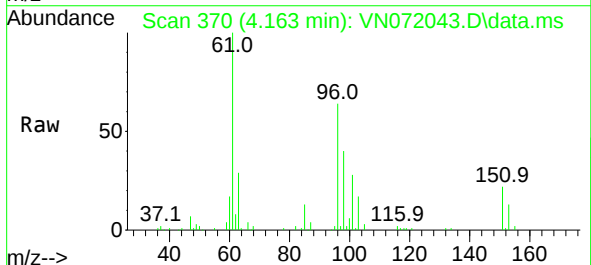
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

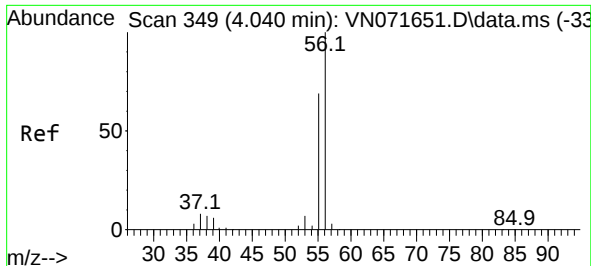
Tgt Ion: 59 Resp: 67022  
Ion Ratio Lower Upper  
59 100  
57 4.3 8.3 12.5#



#12  
1,1-Dichloroethene  
Concen: 21.161 ug/l  
RT: 4.163 min Scan# 370  
Delta R.T. -0.024 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion: 96 Resp: 87232  
Ion Ratio Lower Upper  
96 100  
61 156.1 127.6 191.4  
98 62.1 51.2 76.8





#13

Acrolein

Concen: 43.574 ug/l

RT: 4.034 min Scan# 34

Delta R.T. -0.006 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

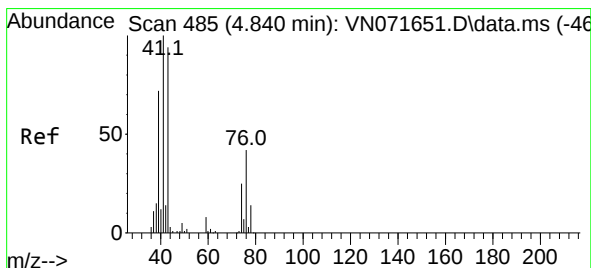
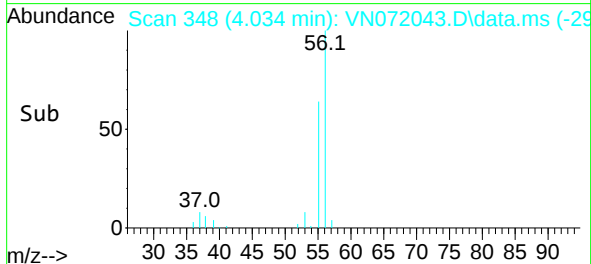
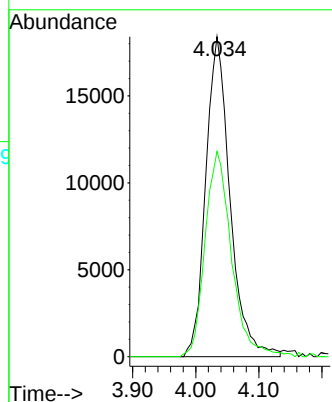
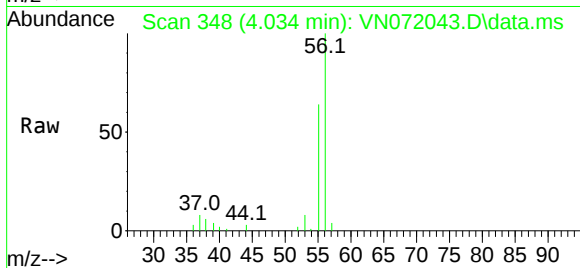
VN0419WBS01

Tgt Ion: 56 Resp: 49159

Ion Ratio Lower Upper

56 100

55 69.9 54.8 82.2



#14

Allyl chloride

Concen: 19.333 ug/l

RT: 4.822 min Scan# 482

Delta R.T. -0.018 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

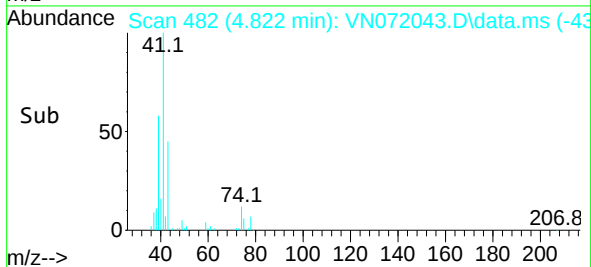
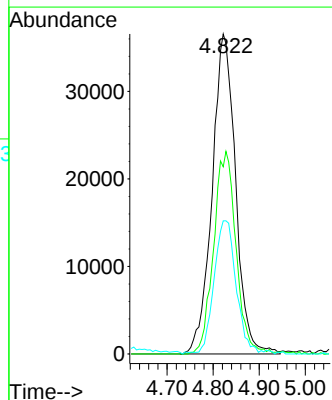
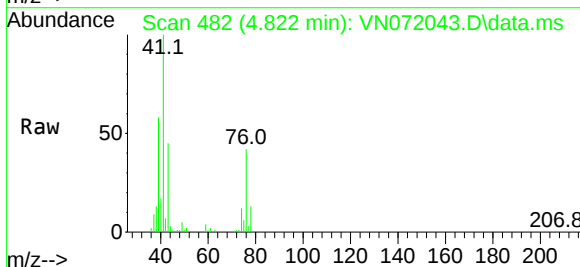
Tgt Ion: 41 Resp: 129349

Ion Ratio Lower Upper

41 100

39 60.4 53.2 79.8

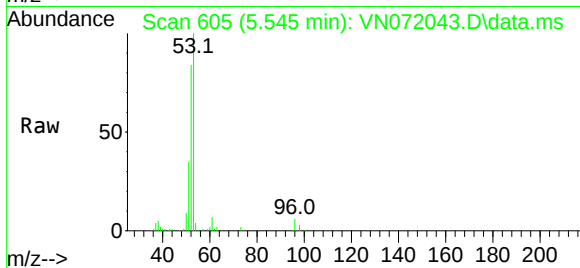
76 37.8 29.9 44.9





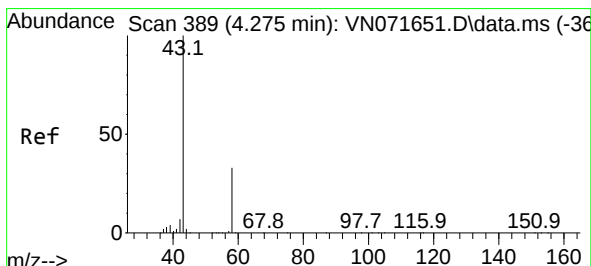
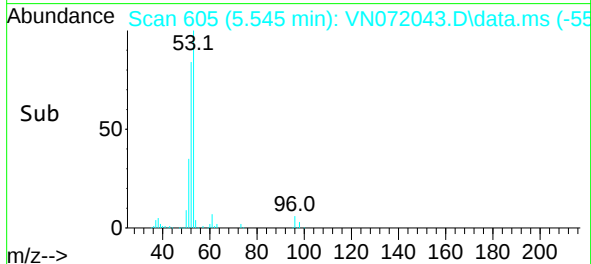
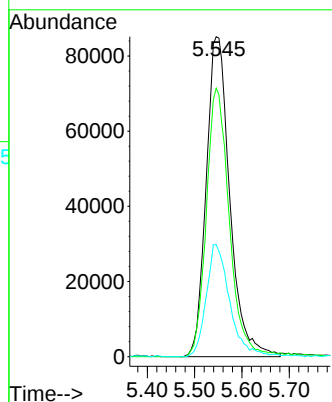
#15  
Acrylonitrile  
Concen: 109.667 ug/l  
RT: 5.545 min Scan# 605  
Delta R.T. -0.001 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01



Tgt Ion: 53 Resp: 294939

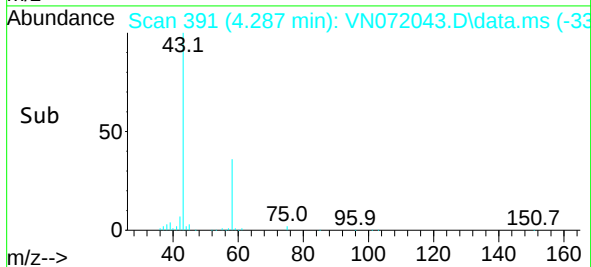
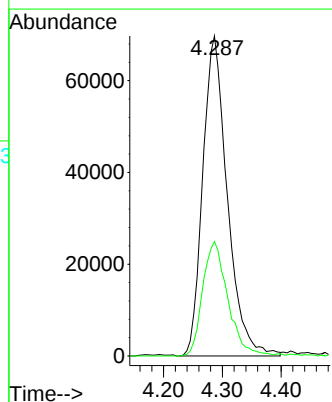
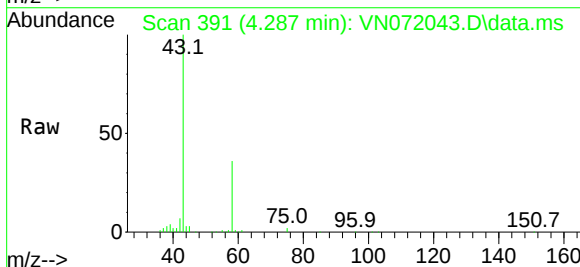
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 81.7  | 66.4  | 99.6  |
| 51  | 34.6  | 28.5  | 42.7  |

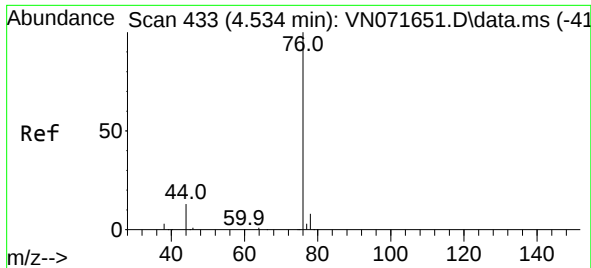


#16  
Acetone  
Concen: 82.964 ug/l  
RT: 4.287 min Scan# 391  
Delta R.T. 0.012 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion: 43 Resp: 202149

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 35.7  | 26.0  | 39.0  |

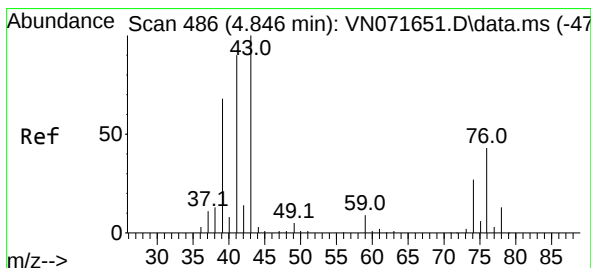
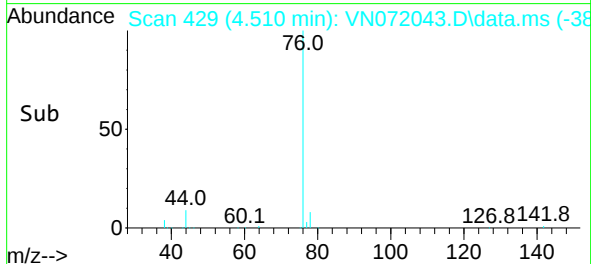
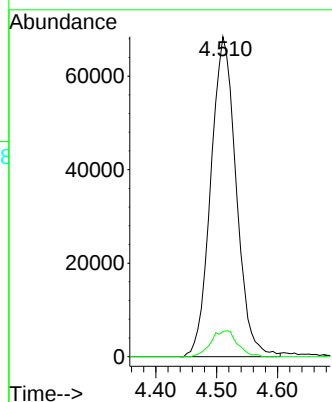
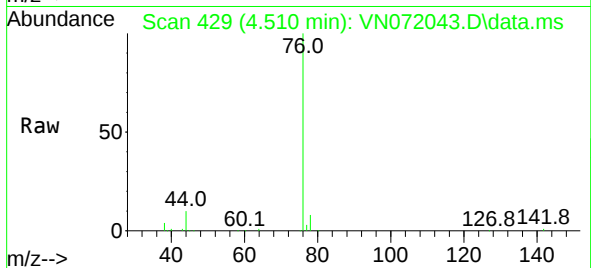




#17  
Carbon Disulfide  
Concen: 20.981 ug/l  
RT: 4.510 min Scan# 41  
Delta R.T. -0.024 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

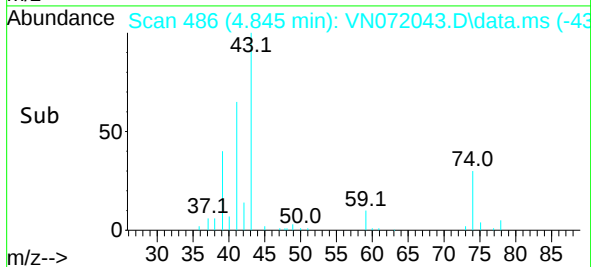
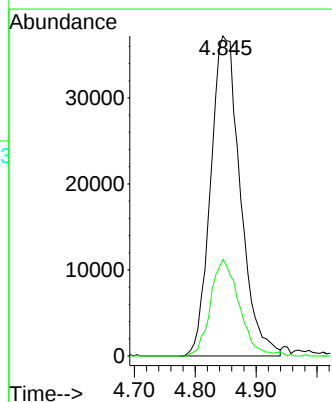
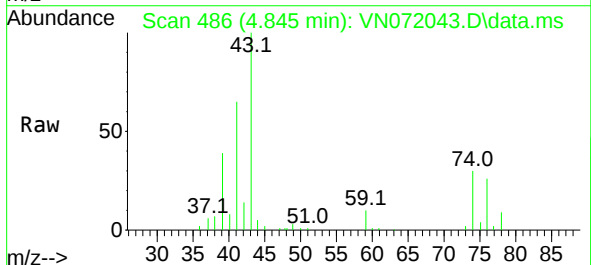
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

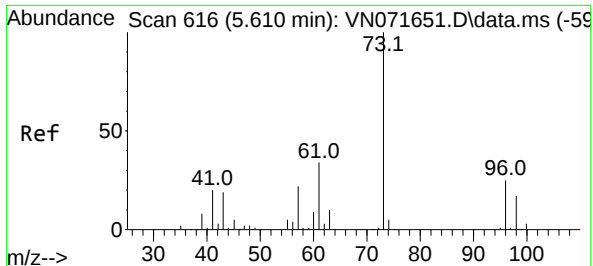
Tgt Ion: 76 Resp: 198444  
Ion Ratio Lower Upper  
76 100  
78 7.8 7.2 10.8



#18  
Methyl Acetate  
Concen: 19.933 ug/l  
RT: 4.845 min Scan# 486  
Delta R.T. -0.001 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion: 43 Resp: 125762  
Ion Ratio Lower Upper  
43 100  
74 28.9 21.6 32.4

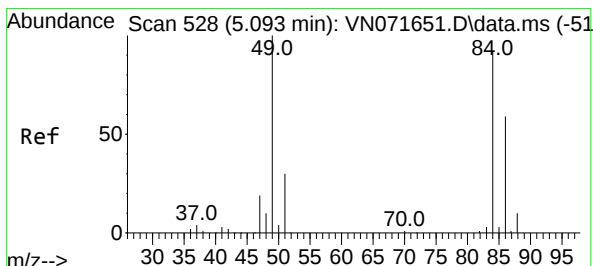
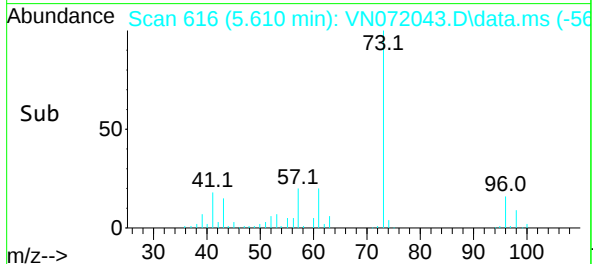
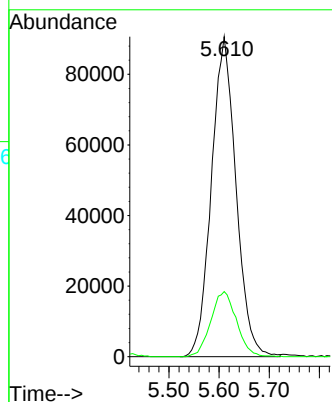
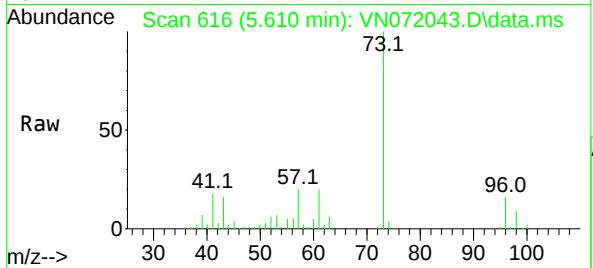




#19  
Methyl tert-butyl Ether  
Concen: 20.156 ug/l  
RT: 5.610 min Scan# 616  
Delta R.T. 0.000 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

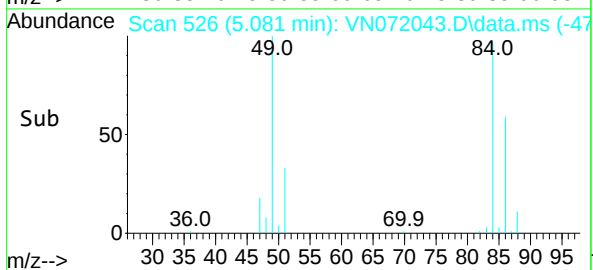
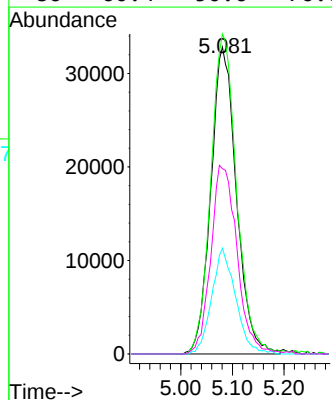
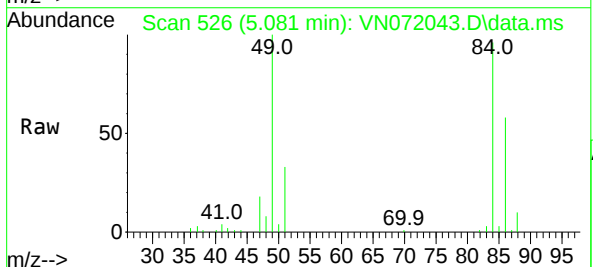
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

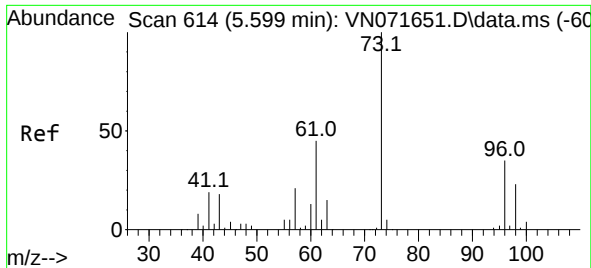
Tgt Ion: 73 Resp: 308674  
Ion Ratio Lower Upper  
73 100  
57 20.3 17.6 26.4



#20  
Methylene Chloride  
Concen: 21.986 ug/l  
RT: 5.081 min Scan# 526  
Delta R.T. -0.012 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion: 84 Resp: 112913  
Ion Ratio Lower Upper  
84 100  
49 104.3 88.3 132.5  
51 34.4 28.2 42.2  
86 60.4 50.6 76.0

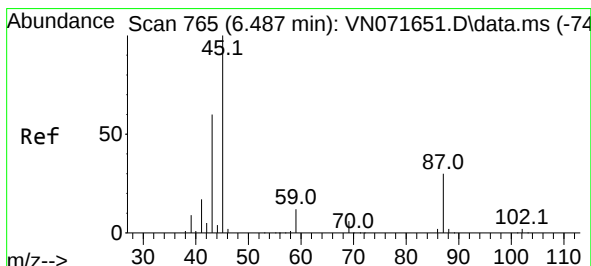
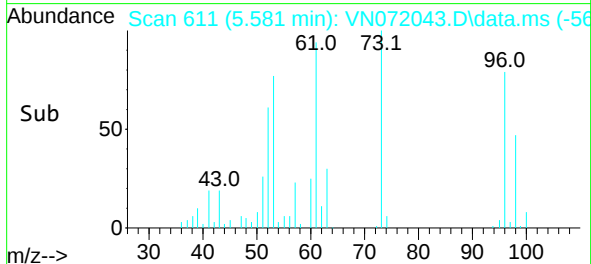
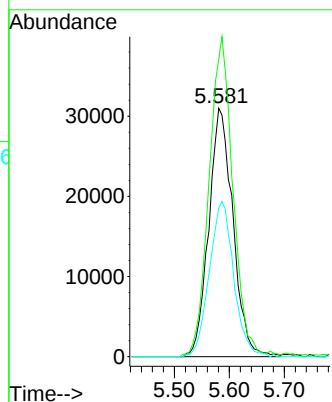
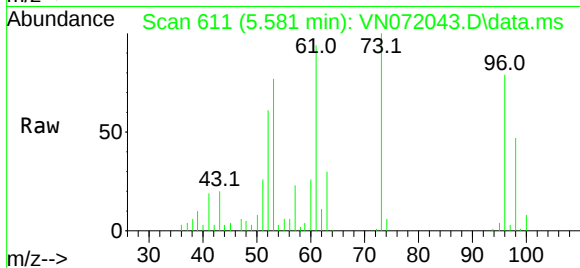




#21  
trans-1,2-Dichloroethene  
Concen: 20.941 ug/l  
RT: 5.581 min Scan# 614  
Delta R.T. -0.018 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

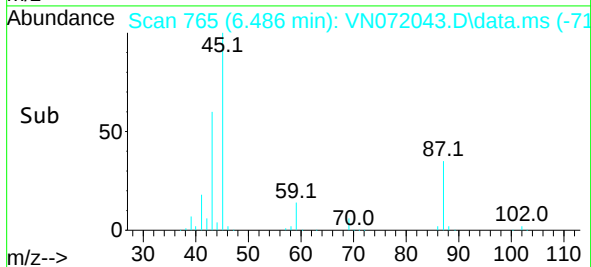
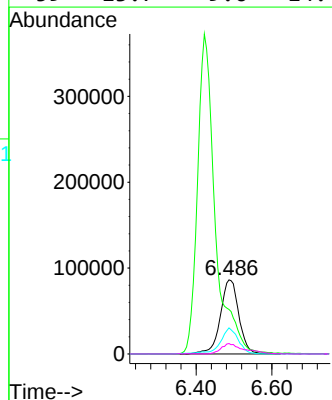
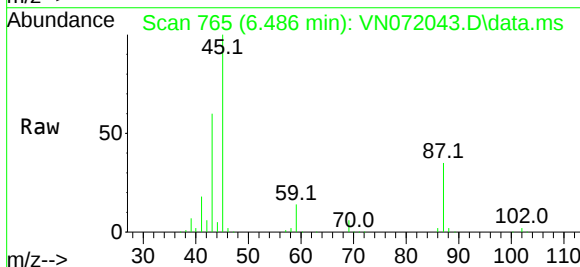
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

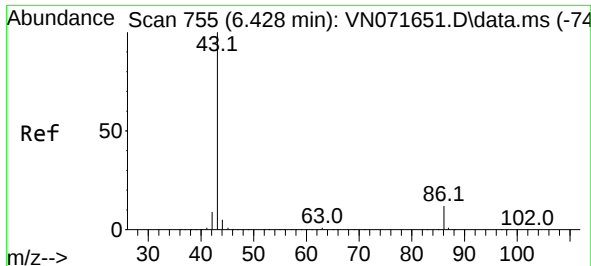
Tgt Ion: 96 Resp: 94765  
Ion Ratio Lower Upper  
96 100  
61 119.6 105.8 158.8  
98 59.9 50.3 75.5



#22  
Diisopropyl ether  
Concen: 20.159 ug/l  
RT: 6.486 min Scan# 765  
Delta R.T. -0.001 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion: 45 Resp: 293627  
Ion Ratio Lower Upper  
45 100  
43 59.7 46.6 70.0  
87 35.0 24.3 36.5  
59 13.7 9.6 14.4

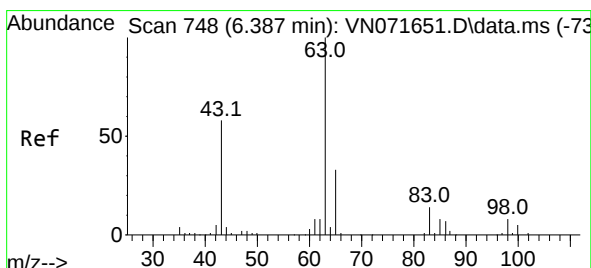
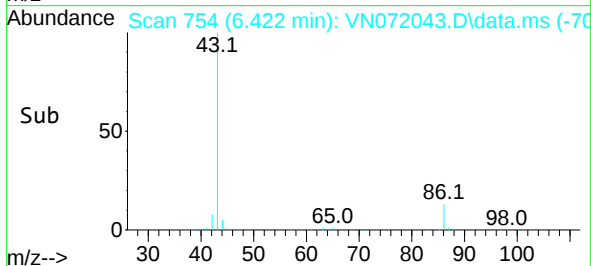
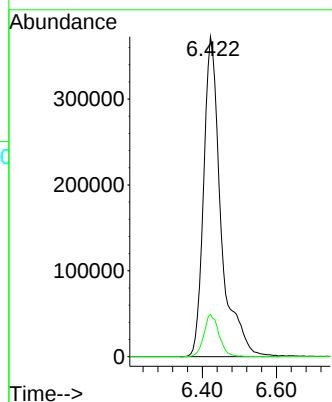
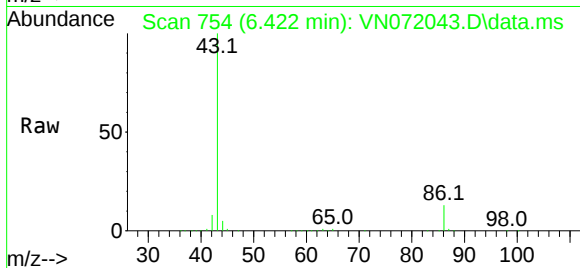




#23  
 Vinyl Acetate  
 Concen: 104.549 ug/l  
 RT: 6.422 min Scan# 716  
 Delta R.T. -0.006 min  
 Lab File: VN072043.D  
 Acq: 19 Apr 2022 12:35

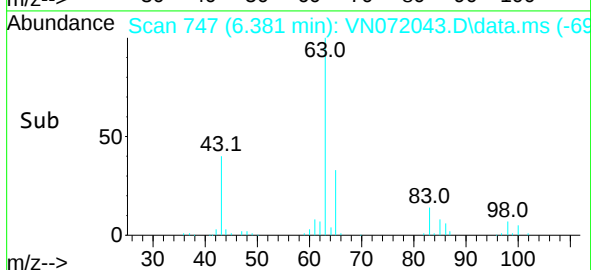
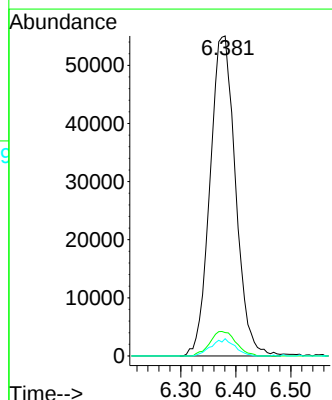
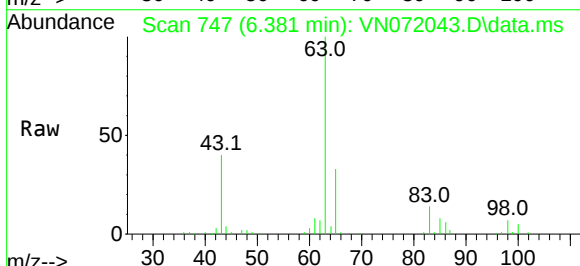
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0419WBS01

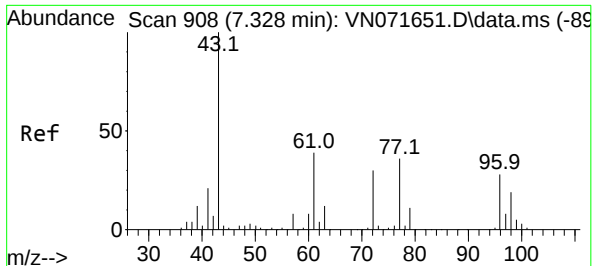
Tgt Ion: 43 Resp: 1210979  
 Ion Ratio Lower Upper  
 43 100  
 86 13.2 10.0 15.0



#24  
 1,1-Dichloroethane  
 Concen: 20.737 ug/l  
 RT: 6.381 min Scan# 747  
 Delta R.T. -0.006 min  
 Lab File: VN072043.D  
 Acq: 19 Apr 2022 12:35

Tgt Ion: 63 Resp: 177316  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.5 10.4  
 100 5.4 2.3 6.8





#25

2-Butanone

Concen: 102.696 ug/l

RT: 7.333 min Scan# 908

Delta R.T. 0.005 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

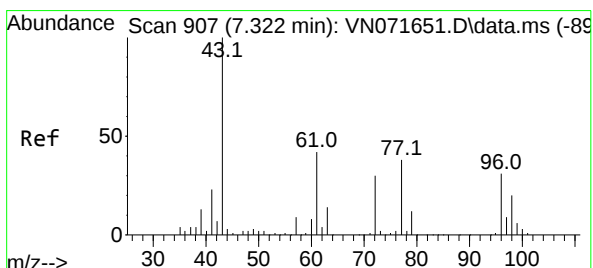
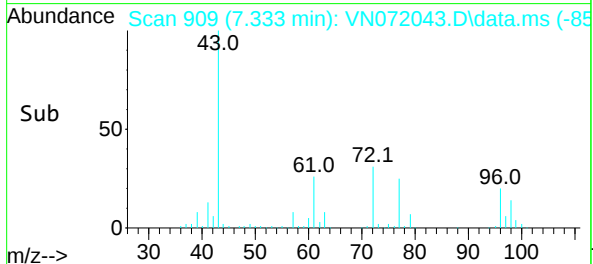
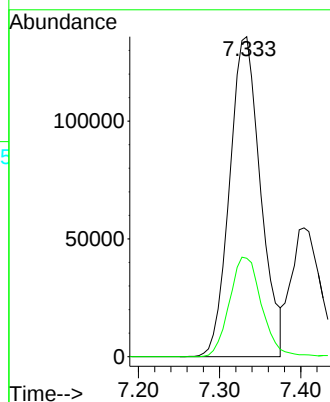
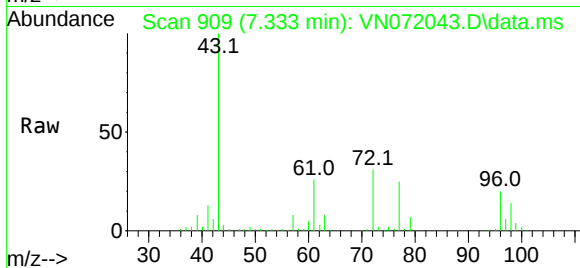
VN0419WBS01

Tgt Ion: 43 Resp: 360737

Ion Ratio Lower Upper

43 100

72 30.8 23.7 35.5



#26

2,2-Dichloropropane

Concen: 19.598 ug/l

RT: 7.316 min Scan# 906

Delta R.T. -0.006 min

Lab File: VN072043.D

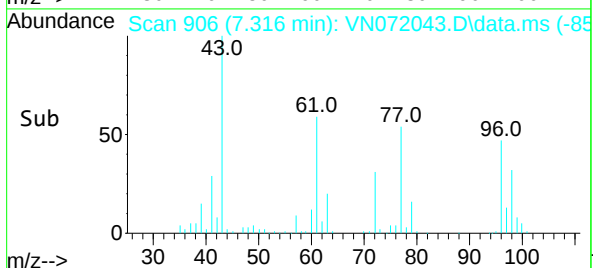
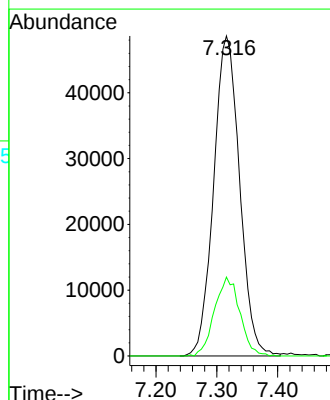
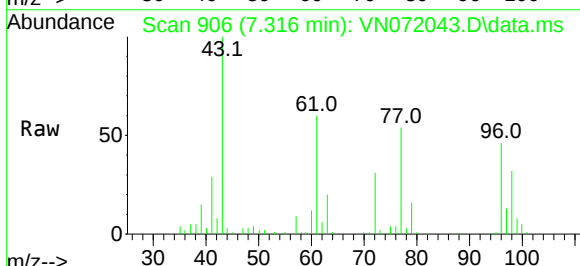
Acq: 19 Apr 2022 12:35

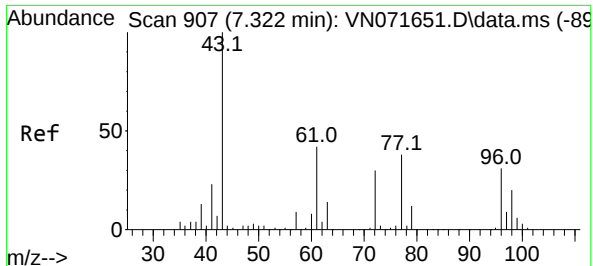
Tgt Ion: 77 Resp: 143959

Ion Ratio Lower Upper

77 100

97 24.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.283 ug/l

RT: 7.316 min Scan# 907

Delta R.T. -0.006 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

VN0419WBS01

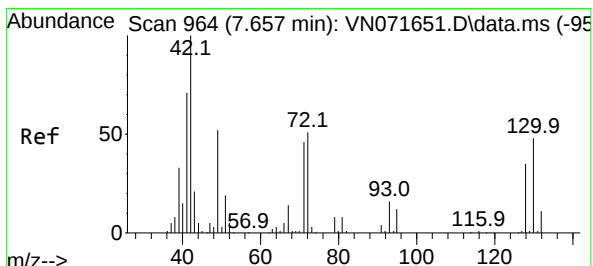
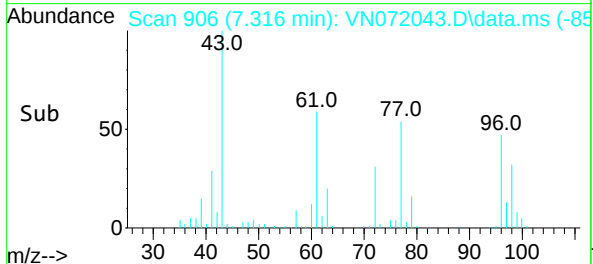
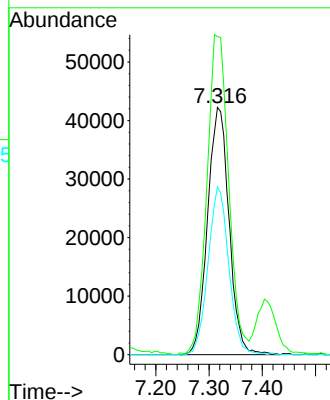
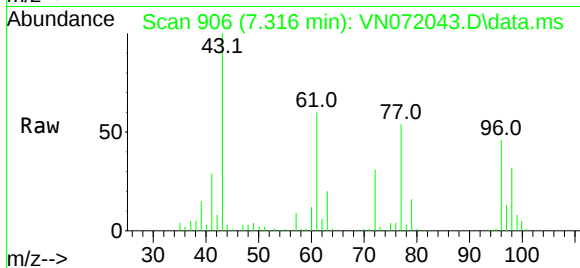
Tgt Ion: 96 Resp: 118107

Ion Ratio Lower Upper

96 100

61 131.5 0.0 280.6

98 65.7 0.0 128.4



#28

Bromochloromethane

Concen: 17.900 ug/l

RT: 7.651 min Scan# 963

Delta R.T. -0.006 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

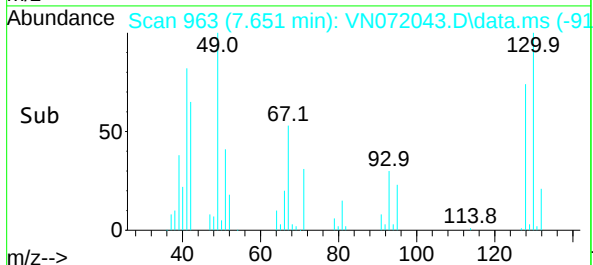
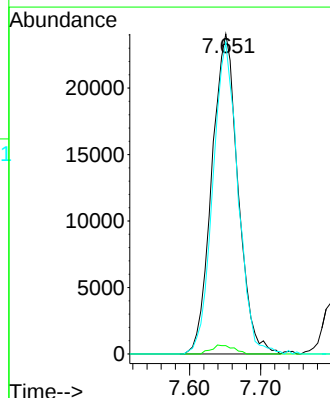
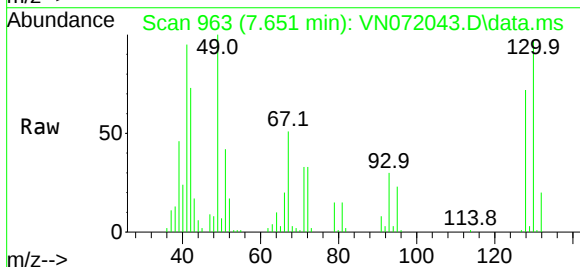
Tgt Ion: 49 Resp: 61745

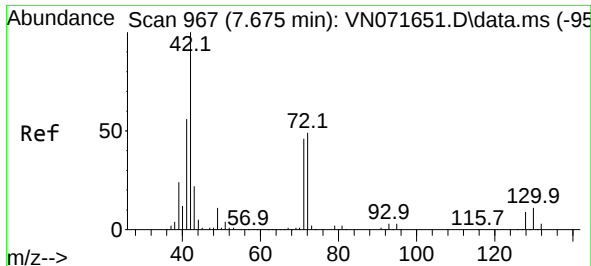
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 93.1 69.7 104.5

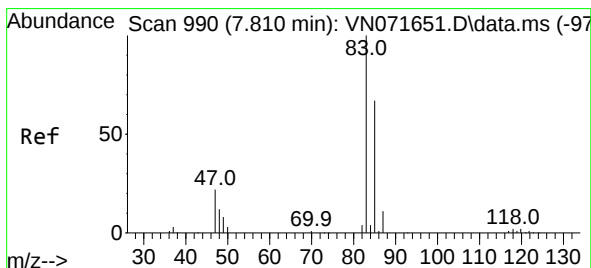
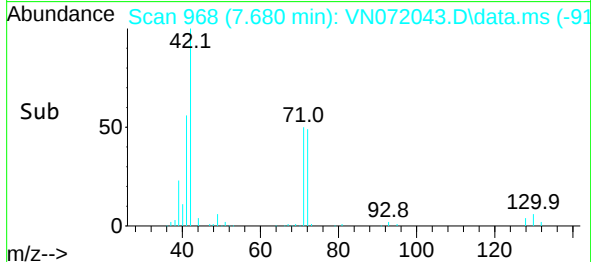
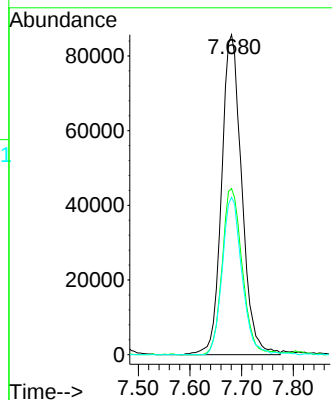
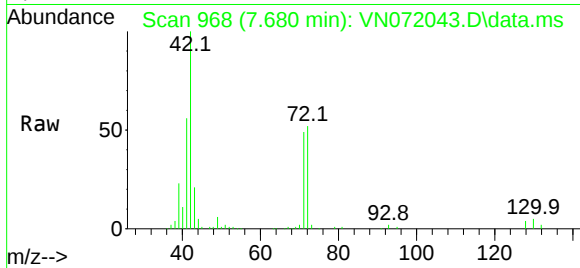




#29  
Tetrahydrofuran  
Concen: 102.092 ug/l  
RT: 7.680 min Scan# 91  
Delta R.T. 0.005 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

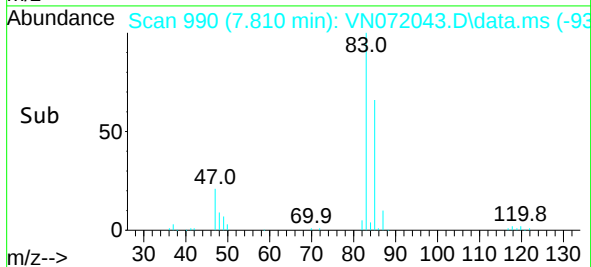
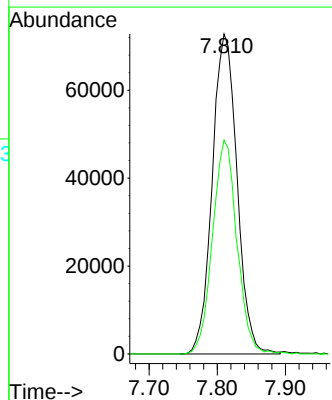
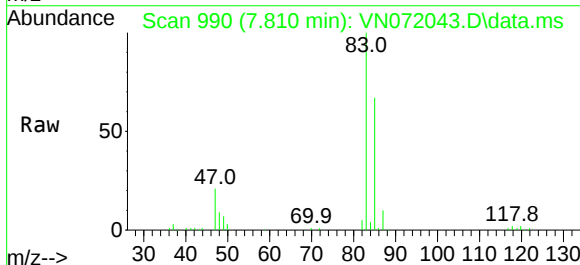
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

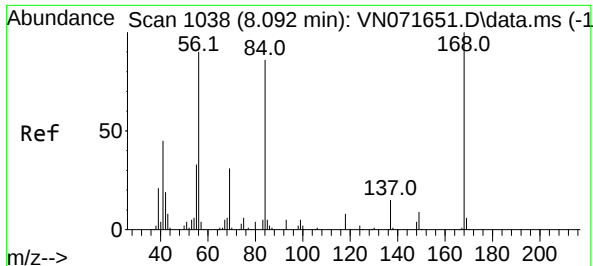
Tgt Ion: 42 Resp: 232206  
Ion Ratio Lower Upper  
42 100  
72 51.9 39.7 59.5  
71 48.3 36.6 55.0



#30  
Chloroform  
Concen: 20.428 ug/l  
RT: 7.810 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

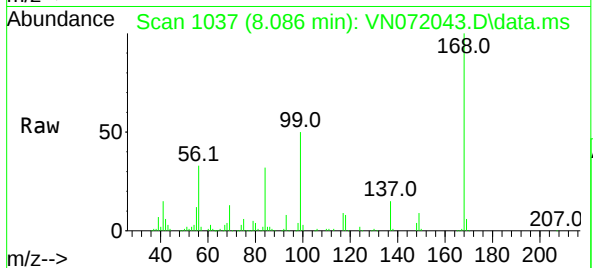
Tgt Ion: 83 Resp: 184438  
Ion Ratio Lower Upper  
83 100  
85 66.8 51.8 77.8



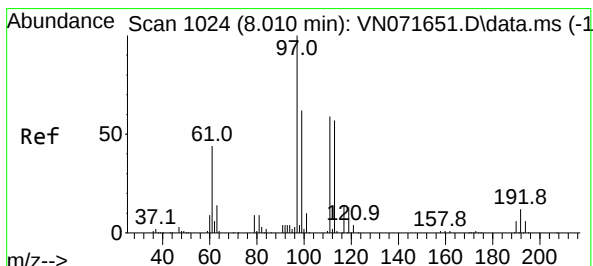
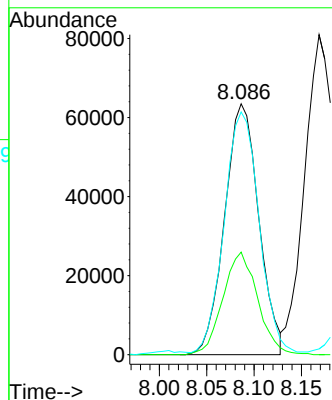
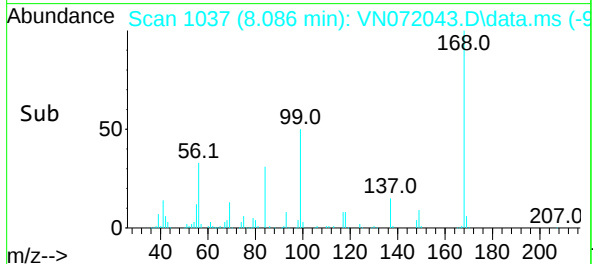


#31  
Cyclohexane  
Concen: 20.555 ug/l  
RT: 8.086 min Scan# 1037  
Delta R.T. -0.006 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

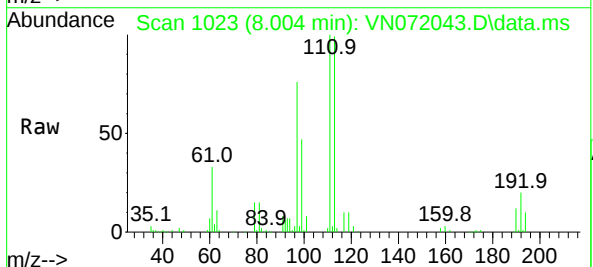
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01



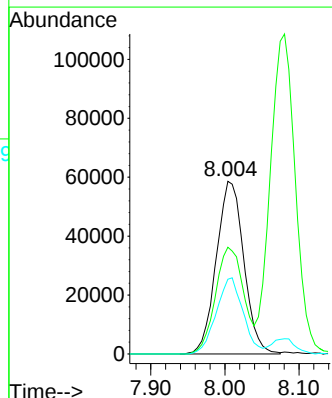
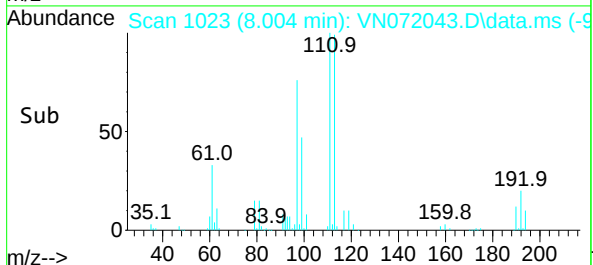
Tgt Ion: 56 Resp: 159379  
Ion Ratio Lower Upper  
56 100  
69 40.9 27.8 41.8  
84 95.6 76.9 115.3

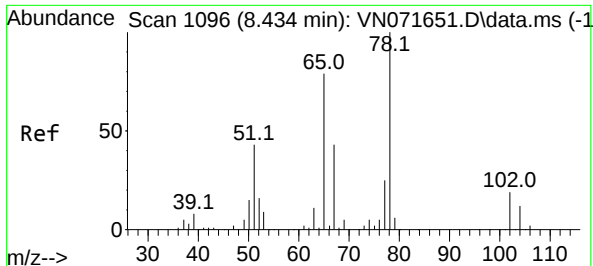


#32  
1,1,1-Trichloroethane  
Concen: 19.577 ug/l  
RT: 8.004 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35



Tgt Ion: 97 Resp: 151215  
Ion Ratio Lower Upper  
97 100  
99 63.5 50.6 76.0  
61 42.9 36.0 54.0

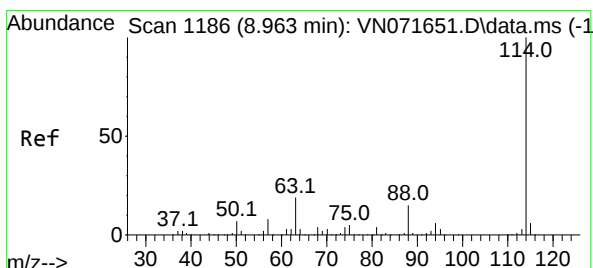
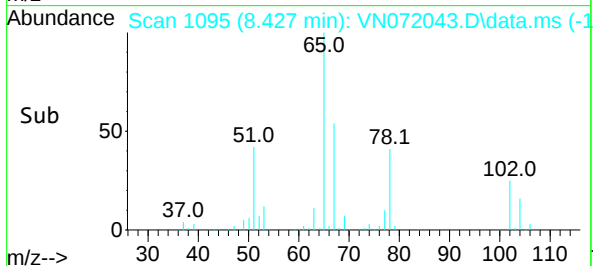
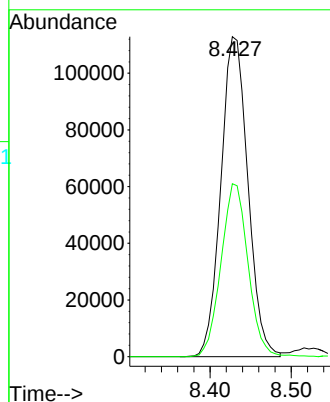
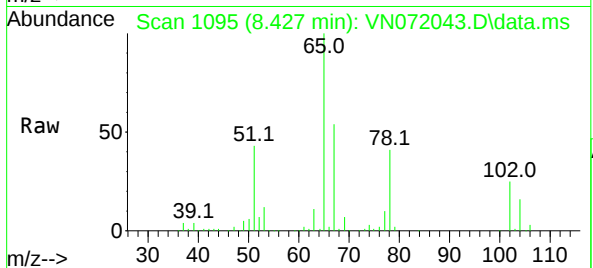




#33  
1,2-Dichloroethane-d4  
Concen: 45.799 ug/l  
RT: 8.427 min Scan# 1109  
Delta R.T. -0.007 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

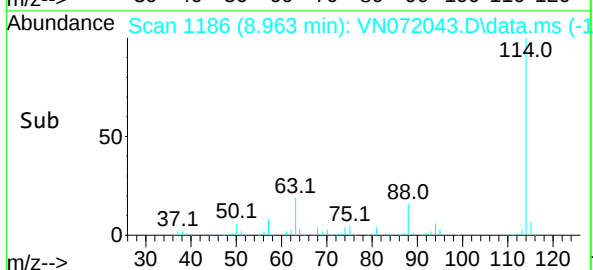
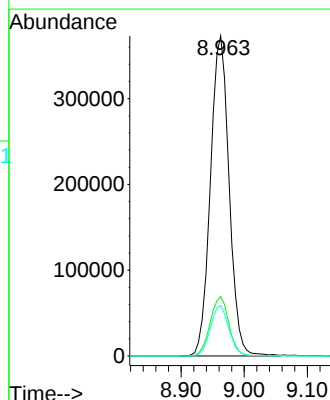
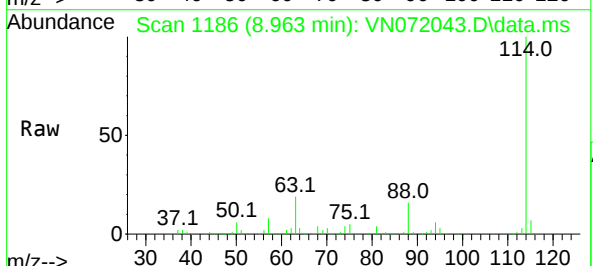
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

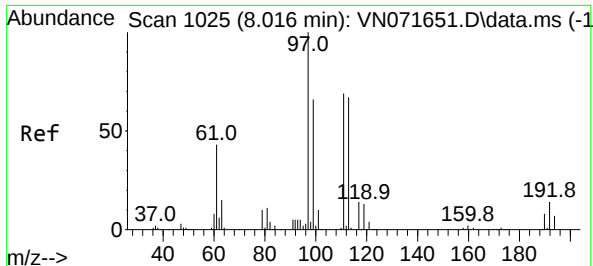
Tgt Ion: 65 Resp: 261121  
Ion Ratio Lower Upper  
65 100  
67 54.2 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion: 114 Resp: 766652  
Ion Ratio Lower Upper  
114 100  
63 18.6 0.0 40.0  
88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.620 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

VN0419WBS01

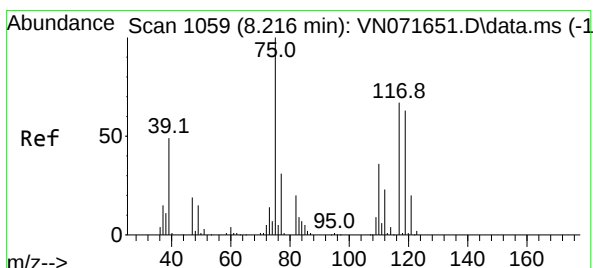
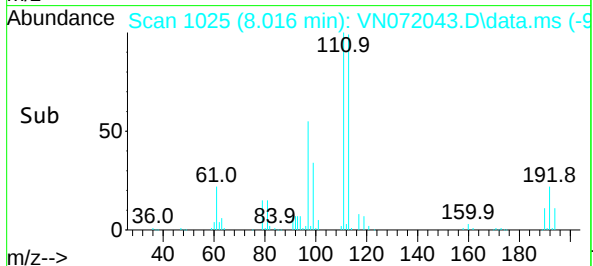
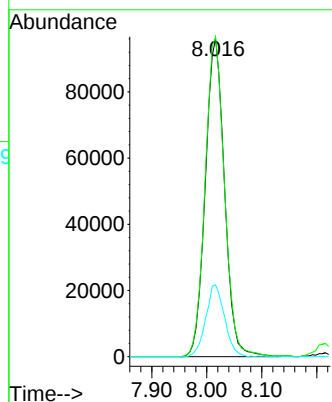
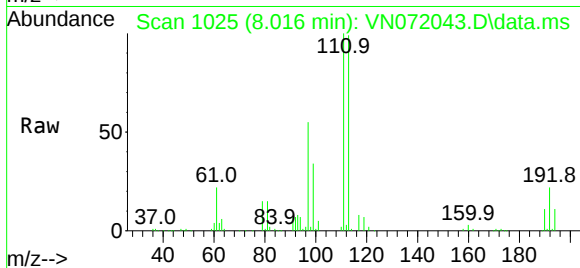
Tgt Ion:113 Resp: 232873

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 22.2 17.0 25.6



#36

1,1-Dichloropropene

Concen: 20.567 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. -0.000 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

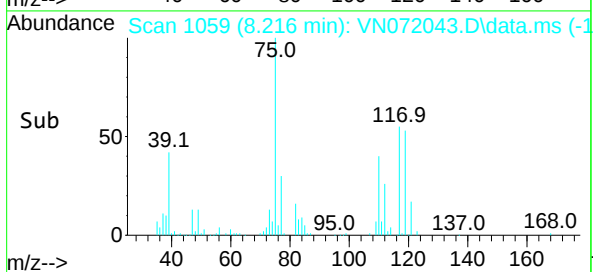
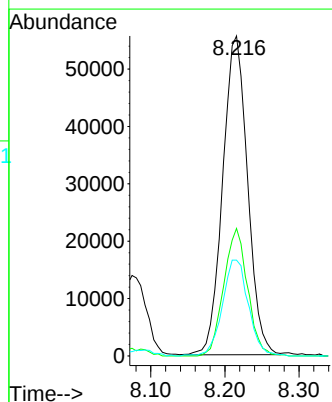
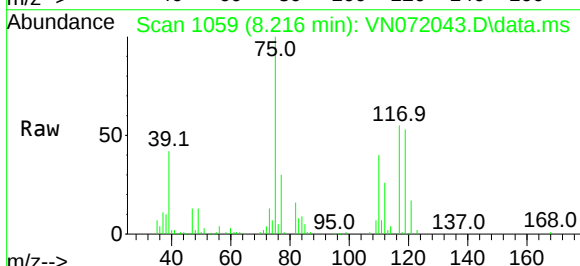
Tgt Ion: 75 Resp: 129571

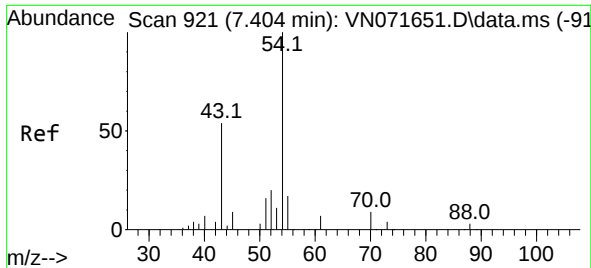
Ion Ratio Lower Upper

75 100

110 38.3 18.3 54.8

77 31.6 25.1 37.7





#37

Ethyl Acetate

Concen: 20.661 ug/l

RT: 7.404 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

VN0419WBS01

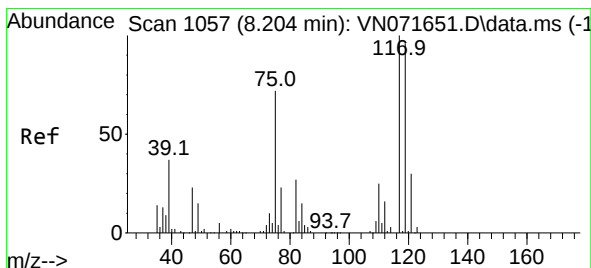
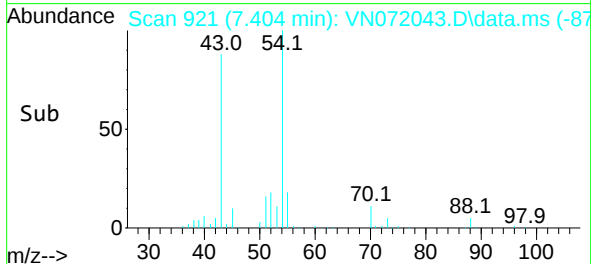
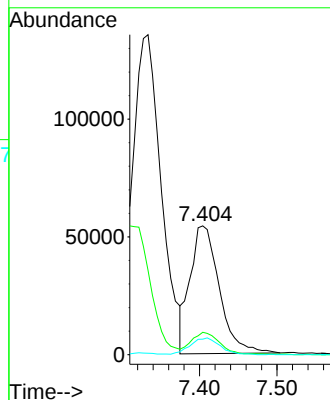
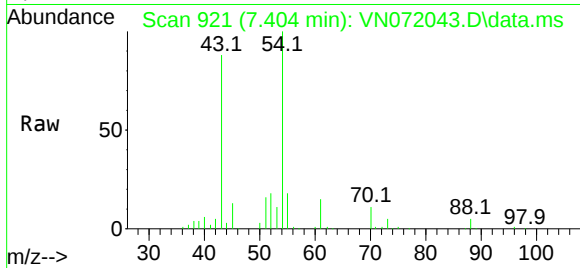
Tgt Ion: 43 Resp: 142464

Ion Ratio Lower Upper

43 100

61 16.6 11.8 17.6

70 13.4 9.3 13.9



#38

Carbon Tetrachloride

Concen: 20.588 ug/l

RT: 8.204 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

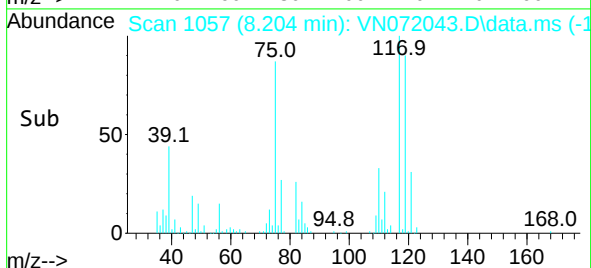
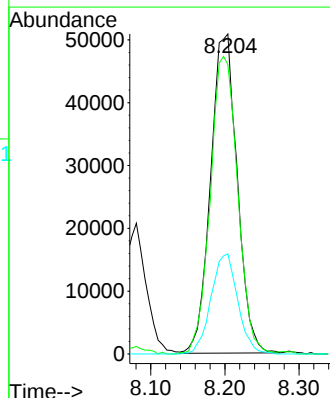
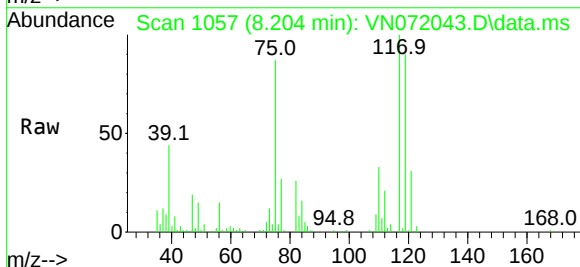
Tgt Ion: 117 Resp: 127112

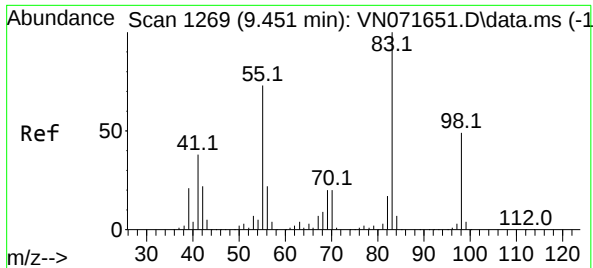
Ion Ratio Lower Upper

117 100

119 90.3 75.8 113.8

121 31.4 24.6 37.0





#39

Methylcyclohexane

Concen: 21.583 ug/l

RT: 9.451 min Scan# 1099

Delta R.T. -0.000 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

VN0419WBS01

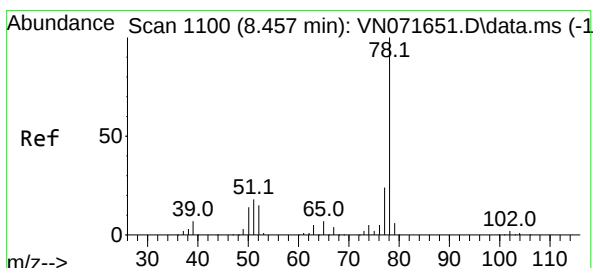
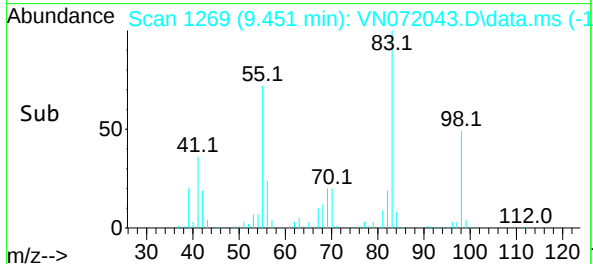
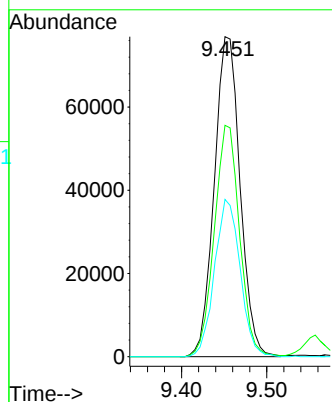
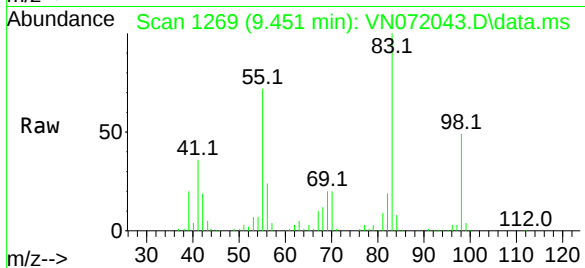
Tgt Ion: 83 Resp: 161854

Ion Ratio Lower Upper

83 100

55 72.3 57.8 86.8

98 49.2 39.4 59.2



#40

Benzene

Concen: 21.903 ug/l

RT: 8.451 min Scan# 1099

Delta R.T. -0.006 min

Lab File: VN072043.D

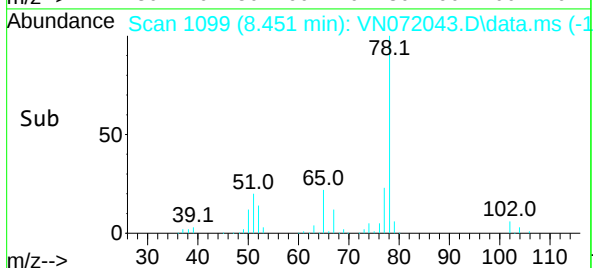
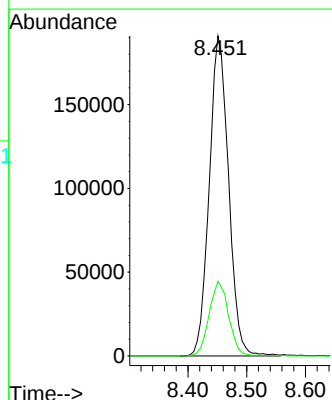
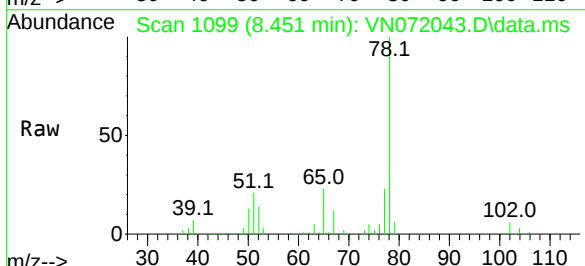
Acq: 19 Apr 2022 12:35

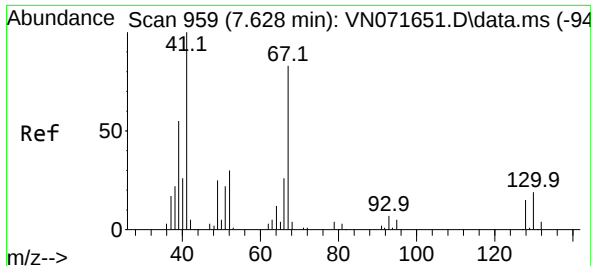
Tgt Ion: 78 Resp: 435891

Ion Ratio Lower Upper

78 100

77 23.3 19.4 29.0

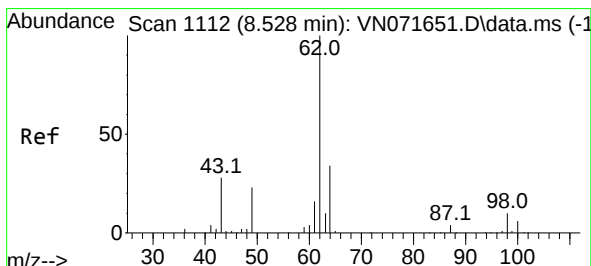
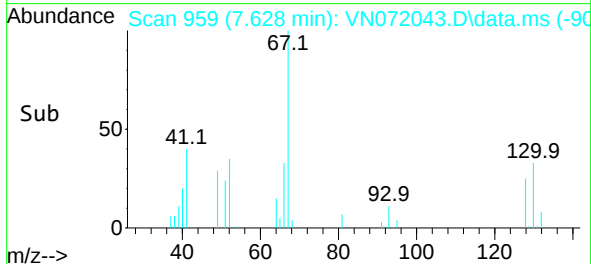
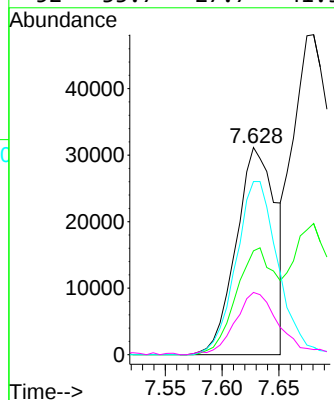
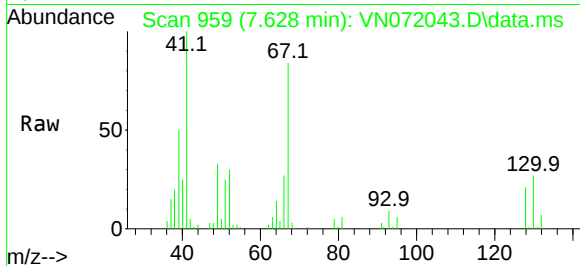




#41  
Methacrylonitrile  
Concen: 22.335 ug/l  
RT: 7.628 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

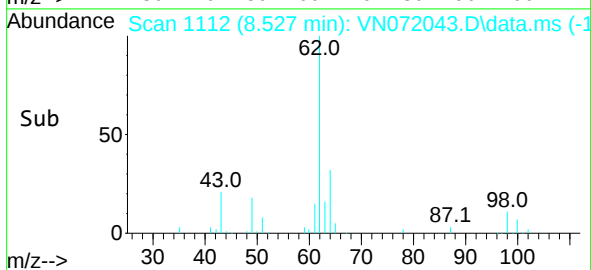
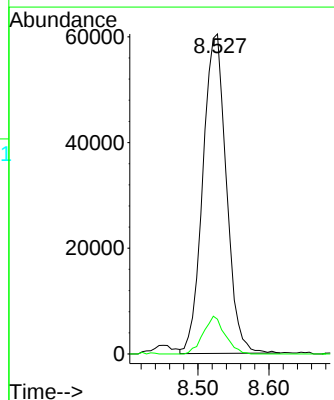
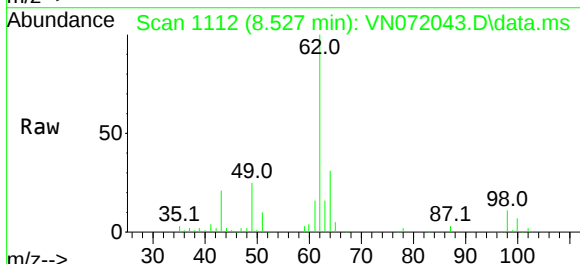
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

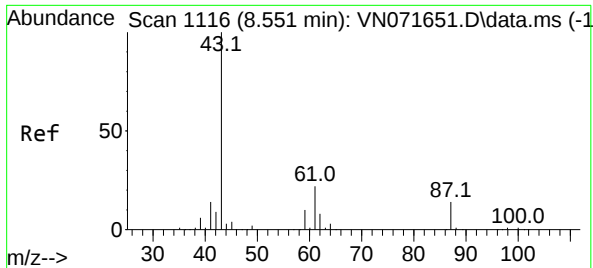
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 75408 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 51.6  | 48.6  | 73.0  |
| 67       | 89.8  | 73.4  | 110.2 |
| 52       | 33.7  | 27.7  | 41.5  |



#42  
1,2-Dichloroethane  
Concen: 20.199 ug/l  
RT: 8.527 min Scan# 1112  
Delta R.T. -0.001 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 139051 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.9  | 0.0   | 19.4   |

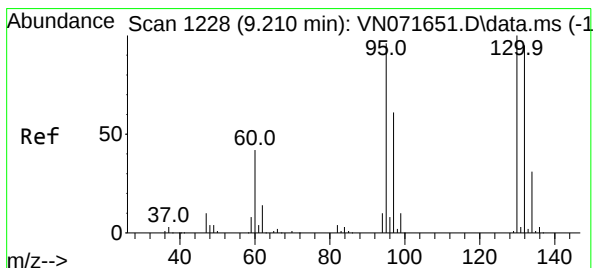
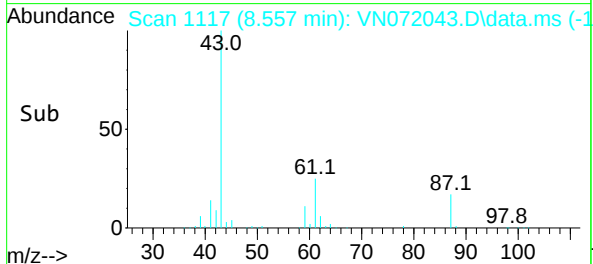
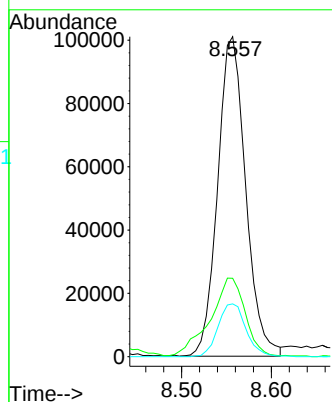
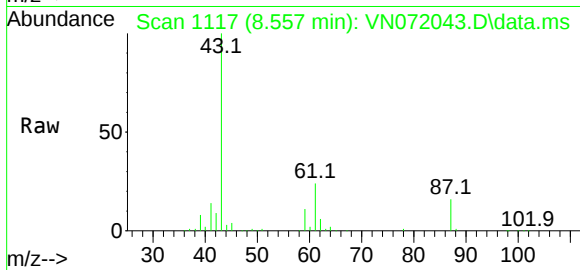




#43  
Isopropyl Acetate  
Concen: 19.107 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. 0.006 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

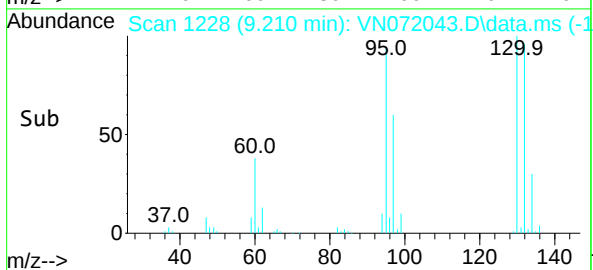
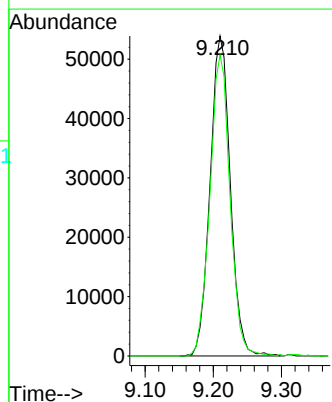
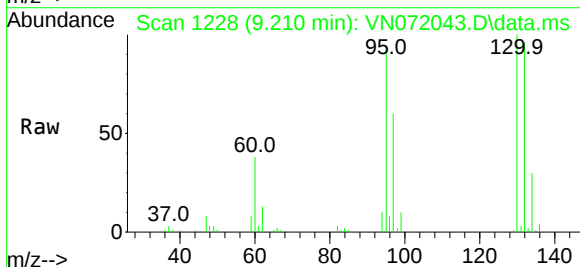
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

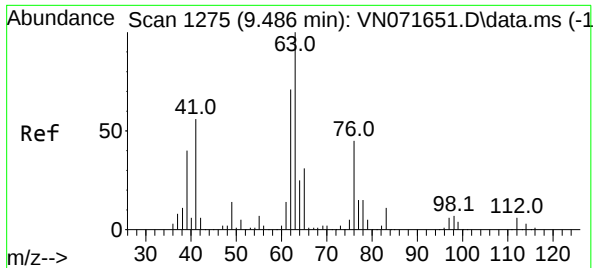
Tgt Ion: 43 Resp: 219147  
Ion Ratio Lower Upper  
43 100  
61 31.2 21.9 32.9  
87 16.6 12.0 18.0



#44  
Trichloroethene  
Concen: 21.735 ug/l  
RT: 9.210 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion:130 Resp: 111437  
Ion Ratio Lower Upper  
130 100  
95 94.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 21.870 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

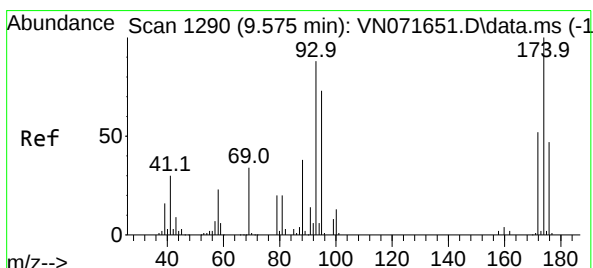
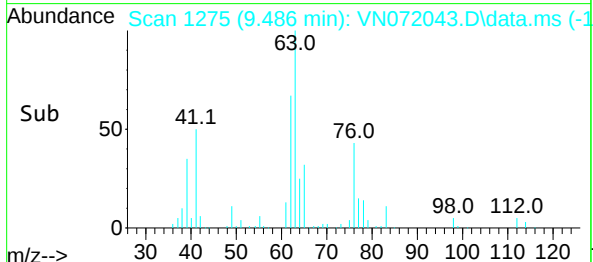
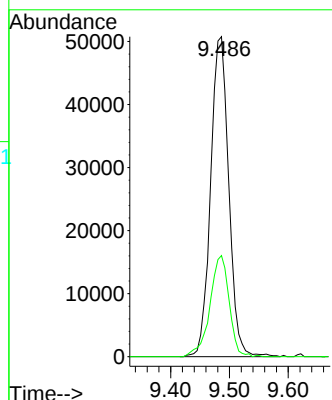
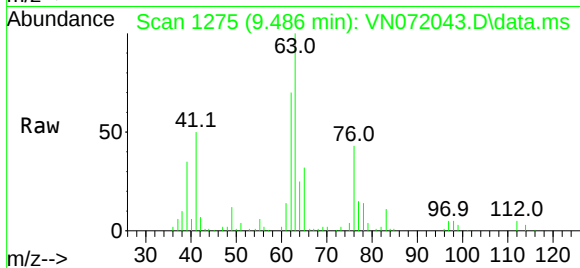
VN0419WBS01

Tgt Ion: 63 Resp: 108731

Ion Ratio Lower Upper

63 100

65 31.6 24.9 37.3



#46

Dibromomethane

Concen: 21.686 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

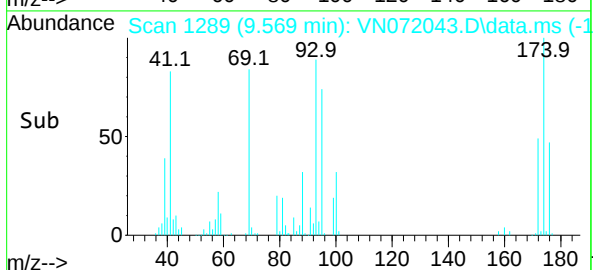
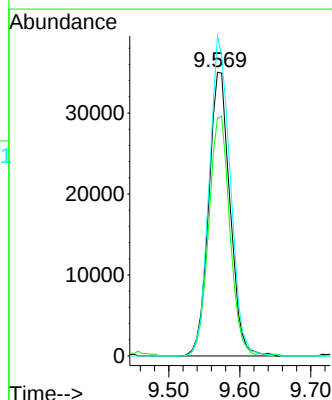
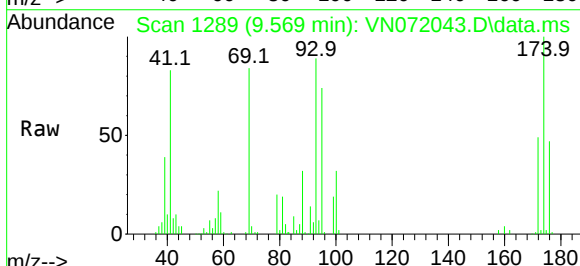
Tgt Ion: 93 Resp: 73202

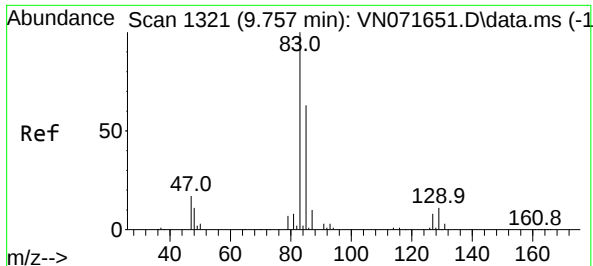
Ion Ratio Lower Upper

93 100

95 83.7 66.9 100.3

174 110.9 86.6 130.0

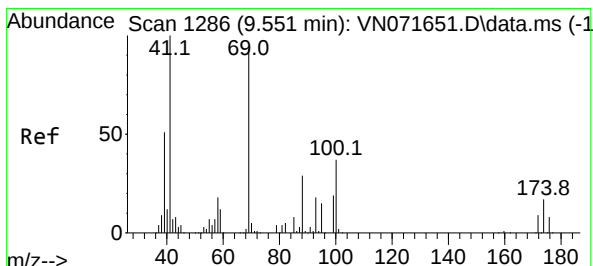
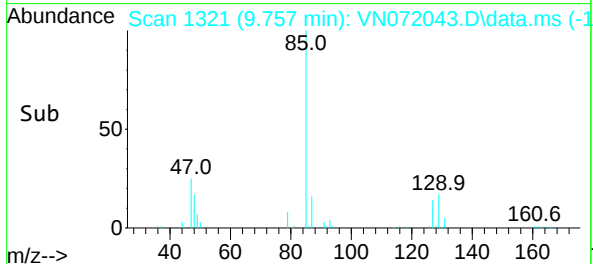
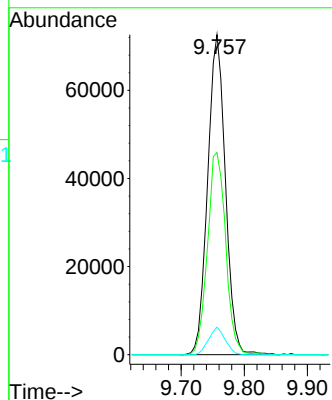
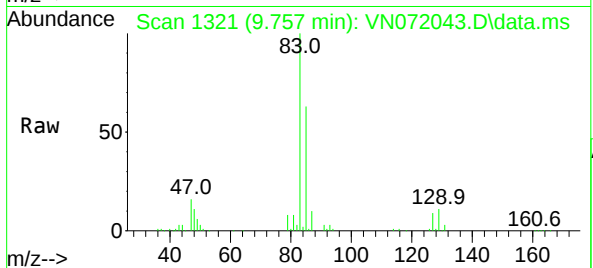




#47  
Bromodichloromethane  
Concen: 21.304 ug/l  
RT: 9.757 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

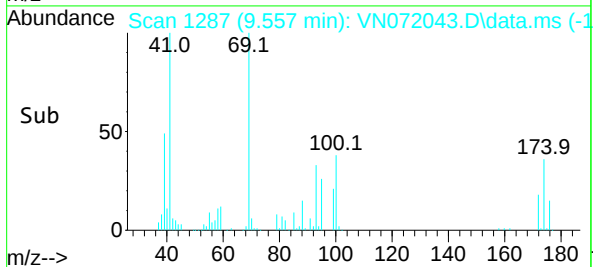
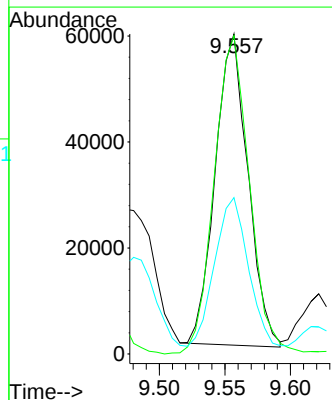
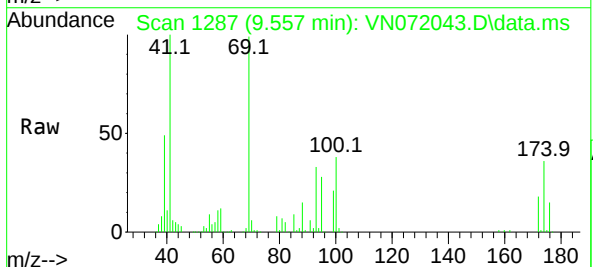
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

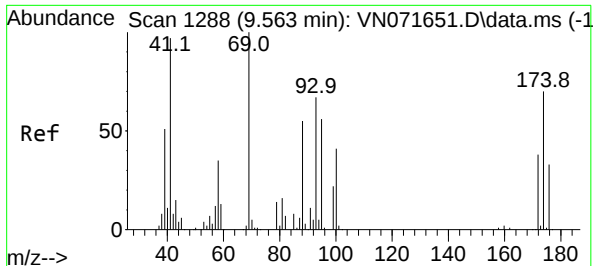
Tgt Ion: 83 Resp: 141556  
Ion Ratio Lower Upper  
83 100  
85 63.1 50.5 75.7  
127 8.6 6.8 10.2



#48  
Methyl methacrylate  
Concen: 21.394 ug/l  
RT: 9.557 min Scan# 1287  
Delta R.T. 0.006 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion: 41 Resp: 101802  
Ion Ratio Lower Upper  
41 100  
69 110.3 74.7 112.1  
39 54.7 45.6 68.4





#49

1,4-Dioxane

Concen: 228.216 ug/l

RT: 9.569 min Scan# 1288

Delta R.T. 0.006 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

VN0419WBS01

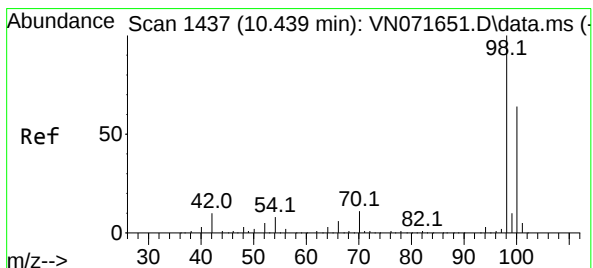
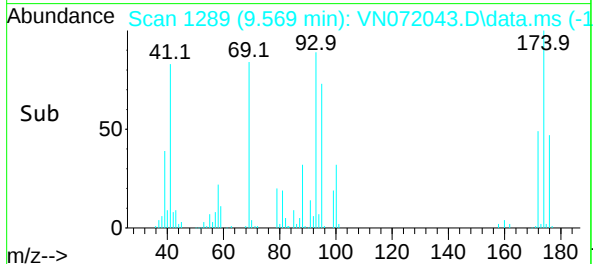
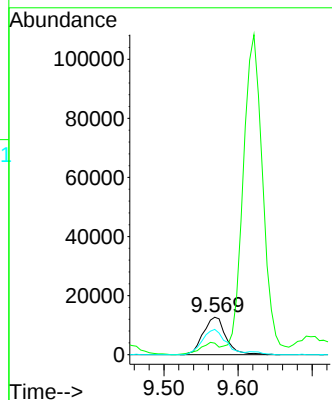
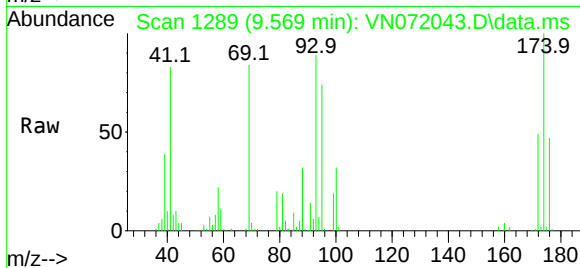
Tgt Ion: 88 Resp: 26966

Ion Ratio Lower Upper

88 100

43 26.1 20.2 30.4

58 69.5 54.2 81.4



#50

Toluene-d8

Concen: 52.454 ug/l

RT: 10.433 min Scan# 1436

Delta R.T. -0.006 min

Lab File: VN072043.D

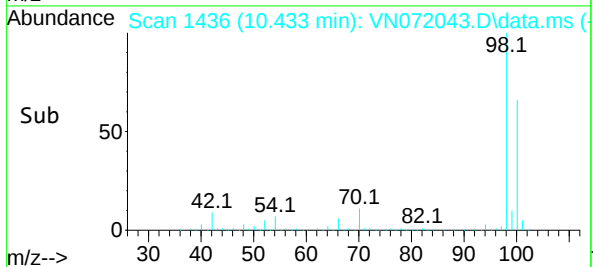
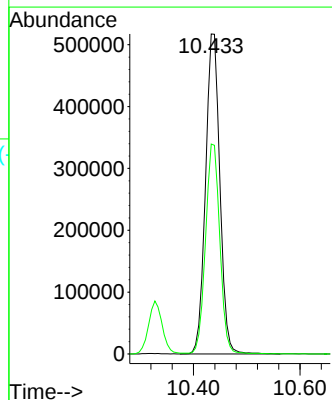
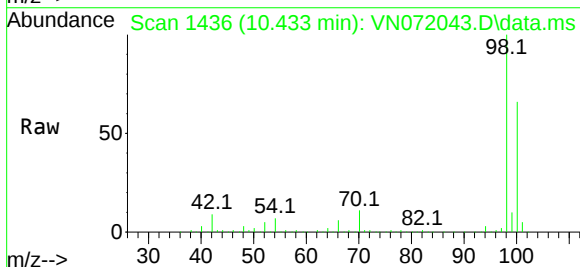
Acq: 19 Apr 2022 12:35

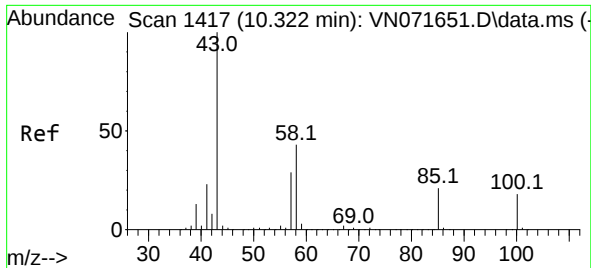
Tgt Ion: 98 Resp: 968026

Ion Ratio Lower Upper

98 100

100 65.6 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 116.379 ug/l

RT: 10.327 min Scan# 1417

Delta R.T. 0.005 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

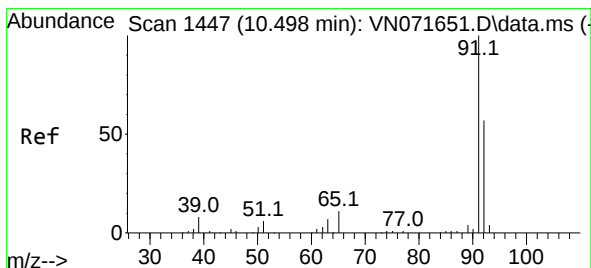
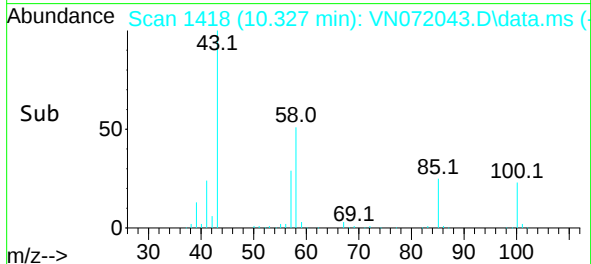
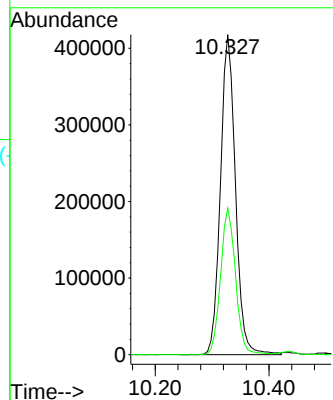
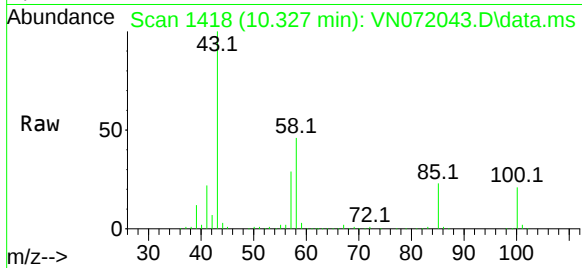
VN0419WBS01

Tgt Ion: 43 Resp: 767423

Ion Ratio Lower Upper

43 100

58 45.6 34.1 51.1



#52

Toluene

Concen: 23.767 ug/l

RT: 10.498 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN072043.D

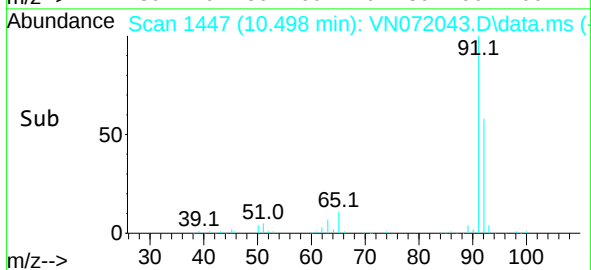
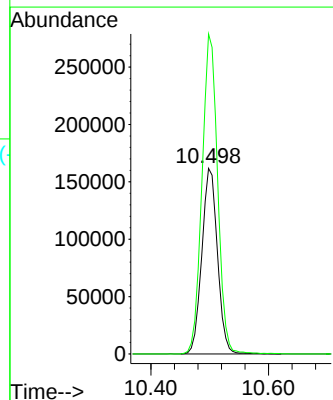
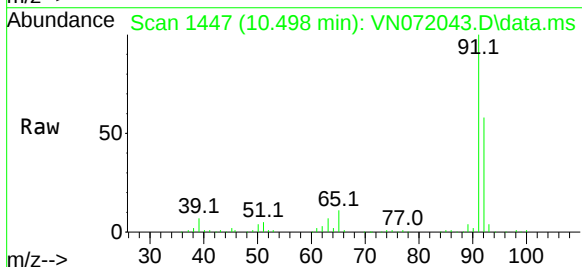
Acq: 19 Apr 2022 12:35

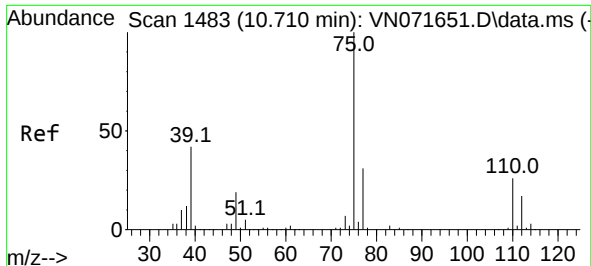
Tgt Ion: 92 Resp: 298983

Ion Ratio Lower Upper

92 100

91 172.5 138.6 207.8

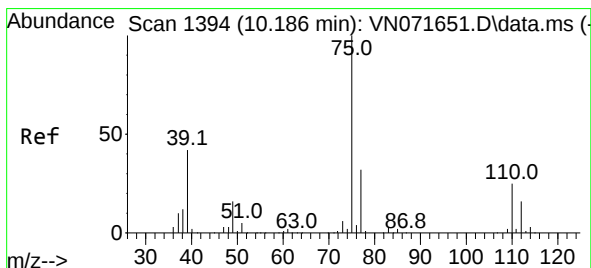
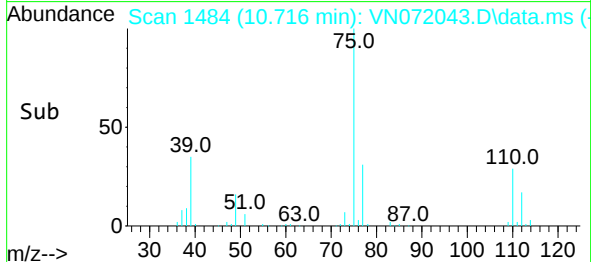
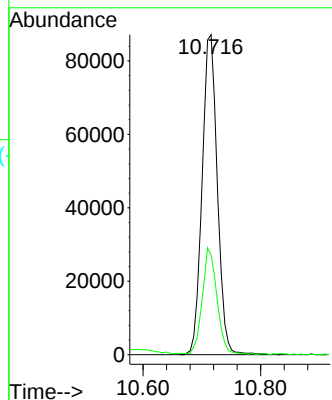
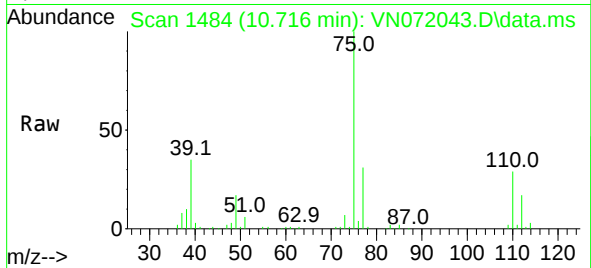




#53  
 t-1,3-Dichloropropene  
 Concen: 22.567 ug/l  
 RT: 10.716 min Scan# 1483  
 Delta R.T. 0.006 min  
 Lab File: VN072043.D  
 Acq: 19 Apr 2022 12:35

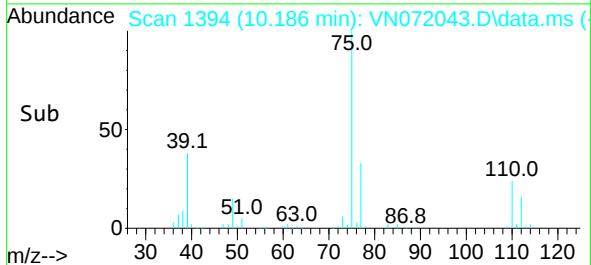
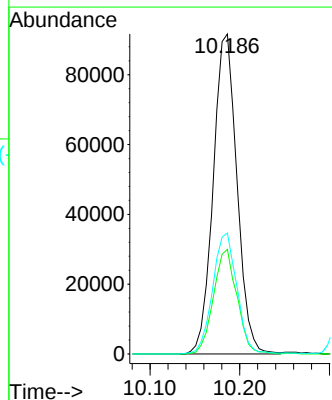
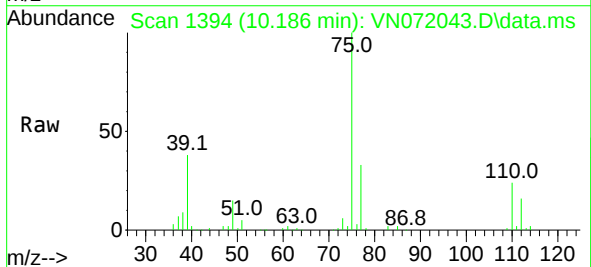
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0419WBS01

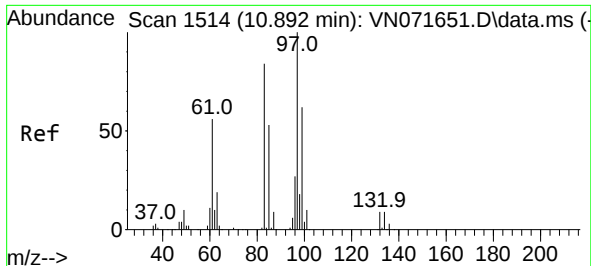
Tgt Ion: 75 Resp: 157157  
 Ion Ratio Lower Upper  
 75 100  
 77 30.8 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.895 ug/l  
 RT: 10.186 min Scan# 1394  
 Delta R.T. 0.000 min  
 Lab File: VN072043.D  
 Acq: 19 Apr 2022 12:35

Tgt Ion: 75 Resp: 168471  
 Ion Ratio Lower Upper  
 75 100  
 77 32.7 25.2 37.8  
 39 37.8 35.7 53.5

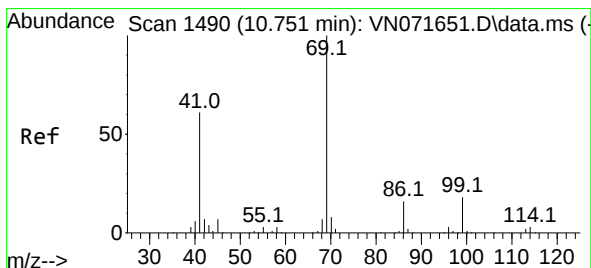
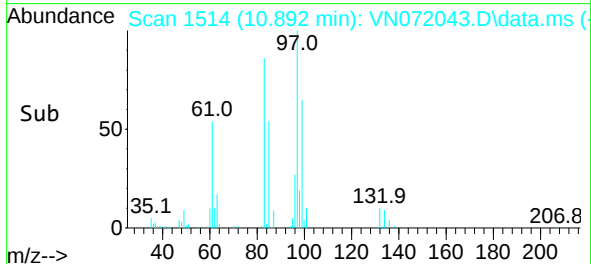
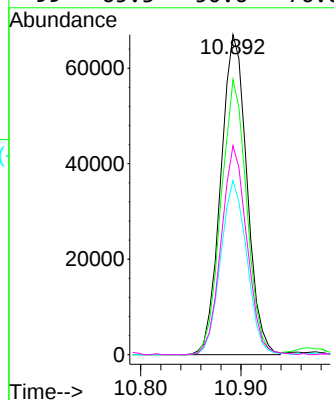
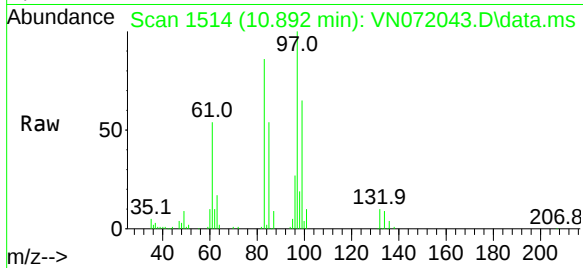




#55  
1,1,2-Trichloroethane  
Concen: 23.414 ug/l  
RT: 10.892 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

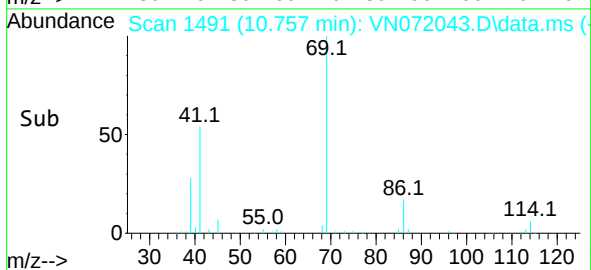
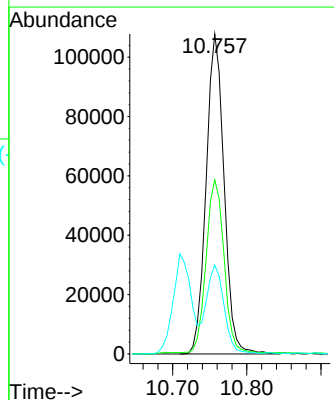
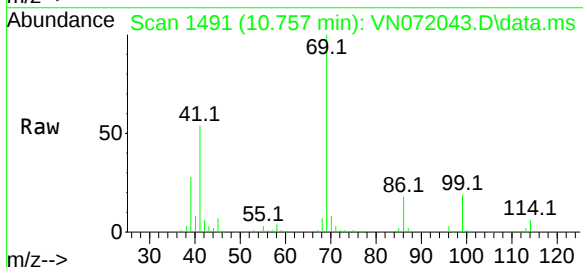
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

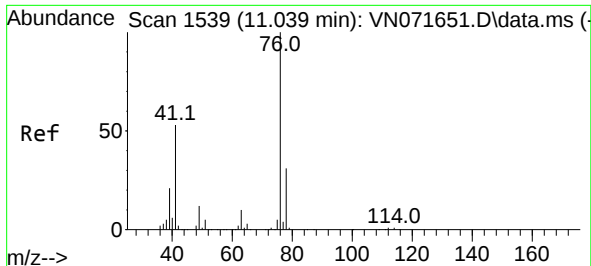
| Tgt Ion: | 97    | Resp: | 121223 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.0  | 66.2  | 99.4   |
| 85       | 54.4  | 43.9  | 65.9   |
| 99       | 65.3  | 50.6  | 76.0   |



#56  
Ethyl methacrylate  
Concen: 24.517 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. 0.006 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

| Tgt Ion: | 69    | Resp: | 181084 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 53.8  | 47.8  | 71.6   |
| 39       | 27.8  | 27.3  | 40.9   |





#57

1,3-Dichloropropane

Concen: 23.277 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

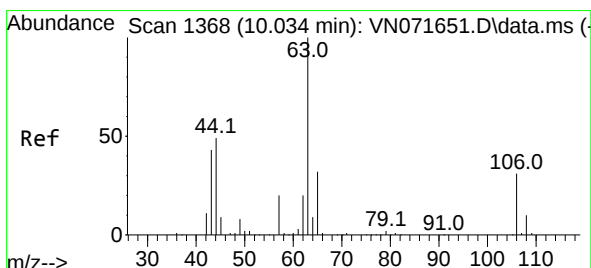
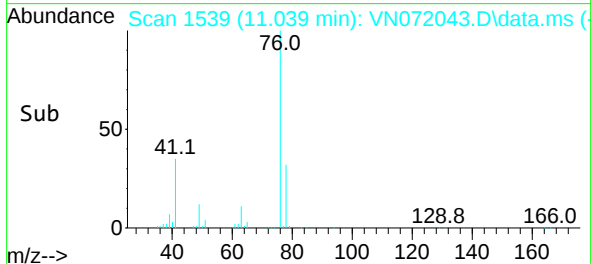
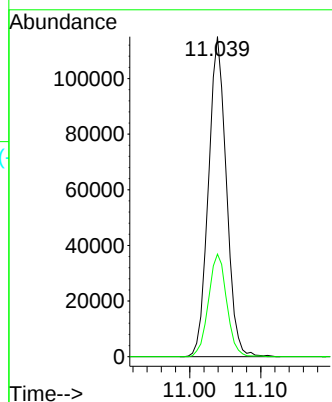
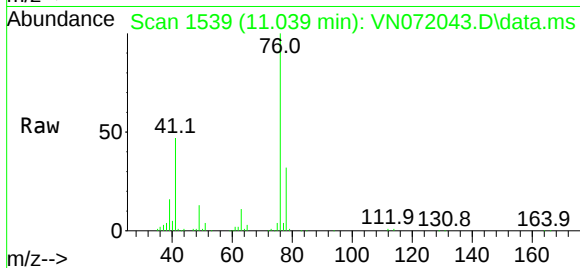
VN0419WBS01

Tgt Ion: 76 Resp: 201494

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 128.244 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.001 min

Lab File: VN072043.D

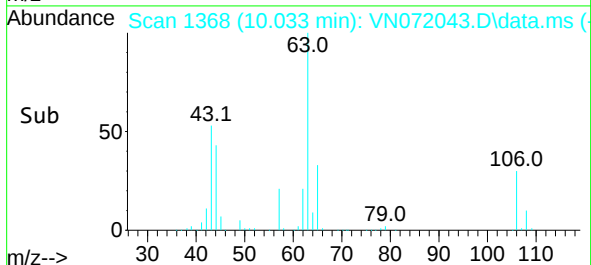
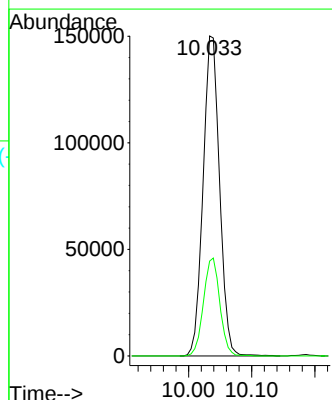
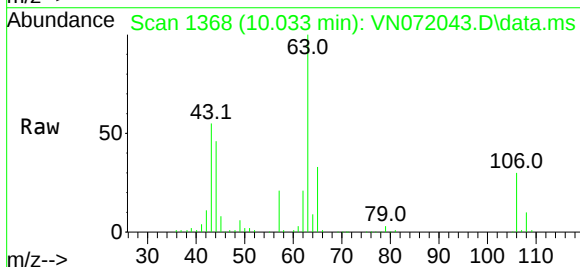
Acq: 19 Apr 2022 12:35

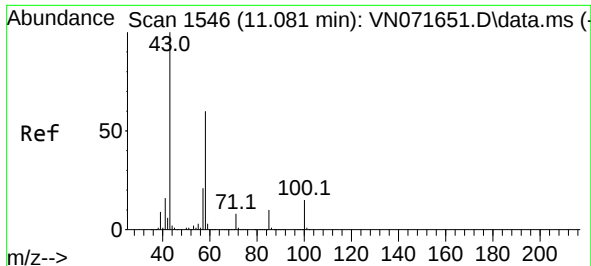
Tgt Ion: 63 Resp: 271451

Ion Ratio Lower Upper

63 100

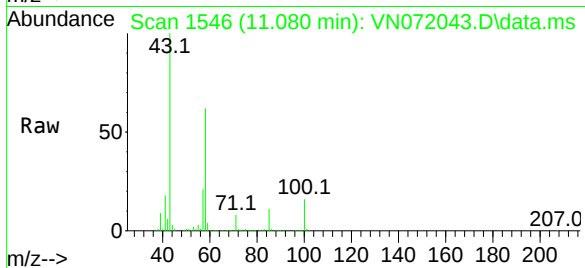
106 30.4 24.6 36.8



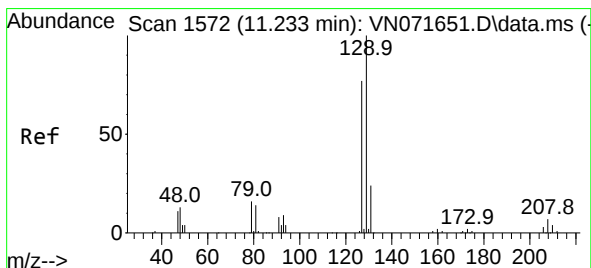
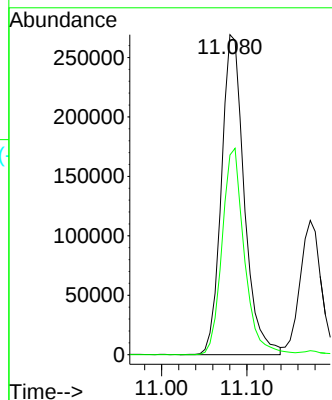
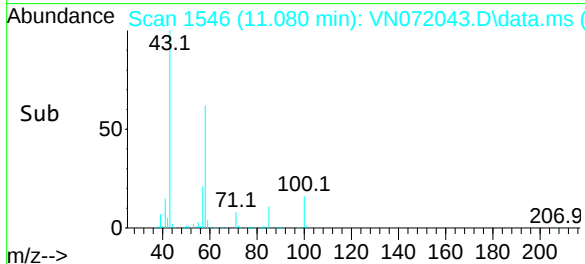


#59  
2-Hexanone  
Concen: 108.081 ug/l  
RT: 11.080 min Scan# 1546  
Delta R.T. -0.001 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

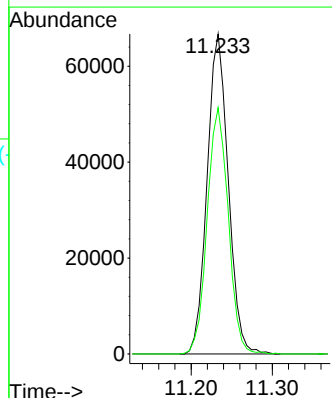
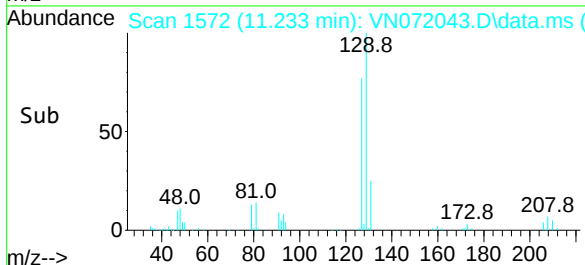
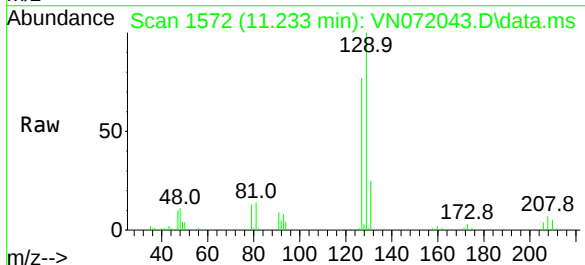


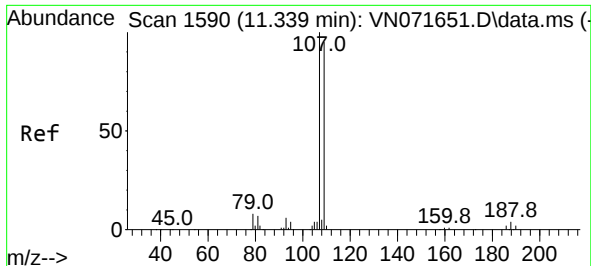
Tgt Ion: 43 Resp: 501778  
Ion Ratio Lower Upper  
43 100  
58 62.9 29.7 89.1



#60  
Dibromochloromethane  
Concen: 23.885 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion: 129 Resp: 120581  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.8 116.4

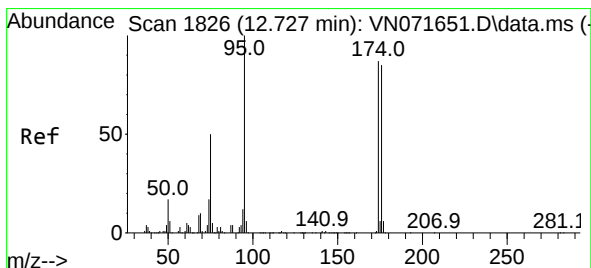
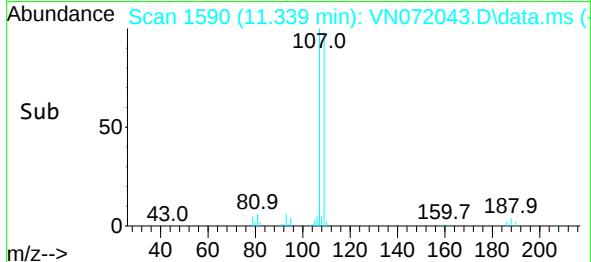
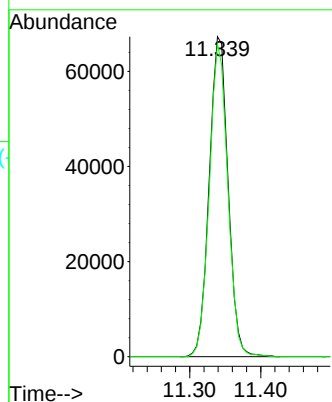
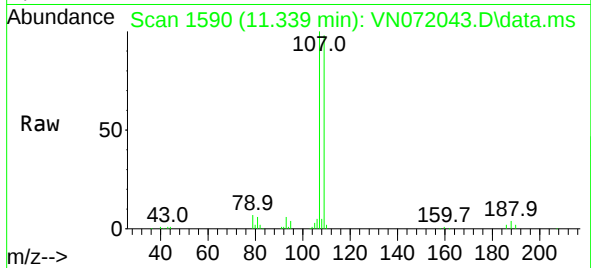




#61  
1,2-Dibromoethane  
Concen: 24.363 ug/l  
RT: 11.339 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

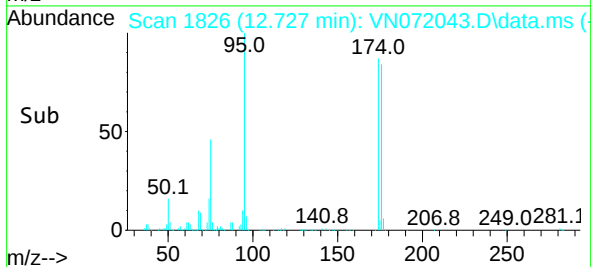
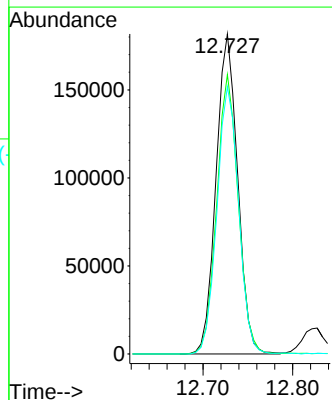
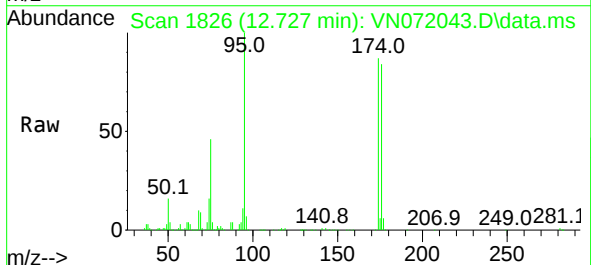
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

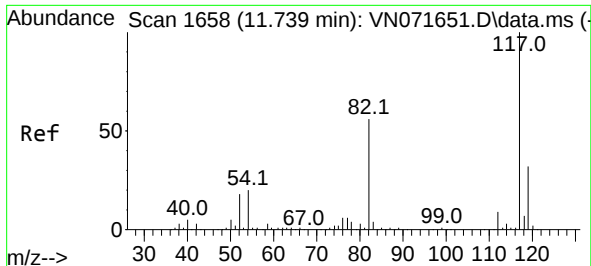
Tgt Ion:107 Resp: 124162  
Ion Ratio Lower Upper  
107 100  
109 95.6 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 50.859 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion: 95 Resp: 303555  
Ion Ratio Lower Upper  
95 100  
174 86.9 0.0 167.6  
176 83.7 0.0 163.4

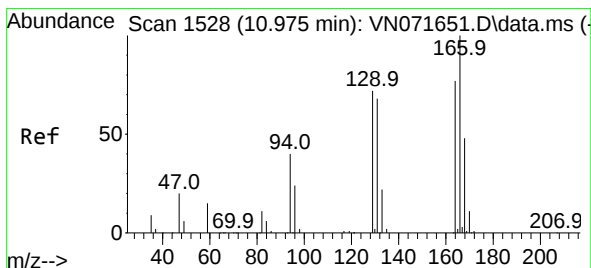
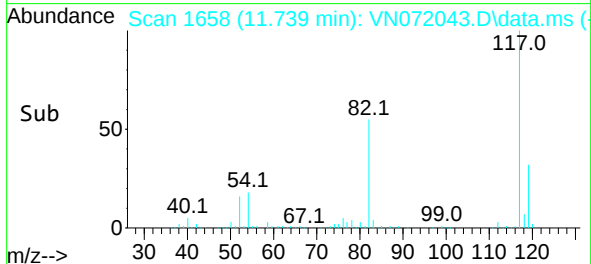
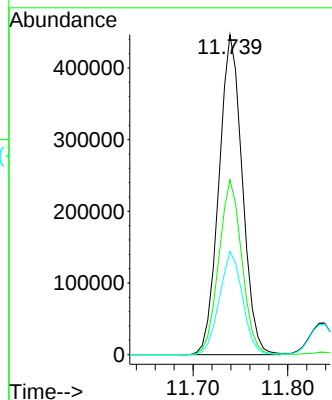
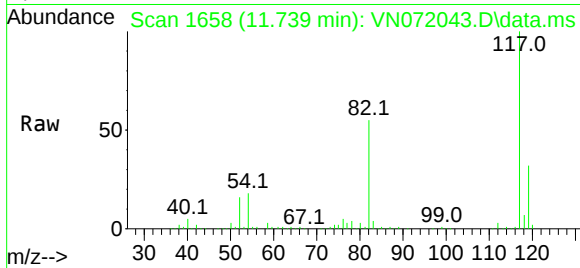




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

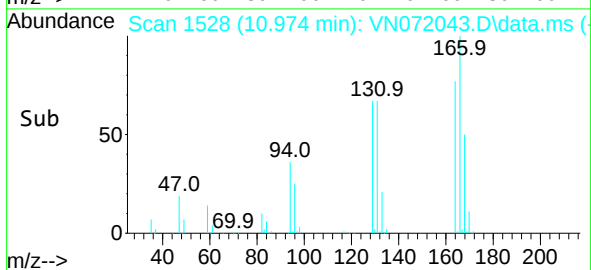
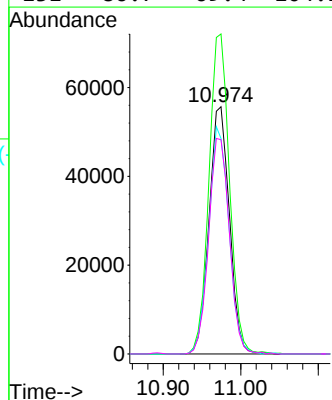
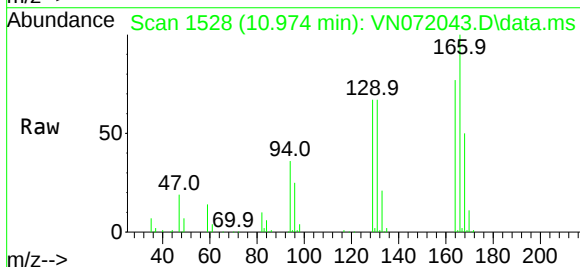
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

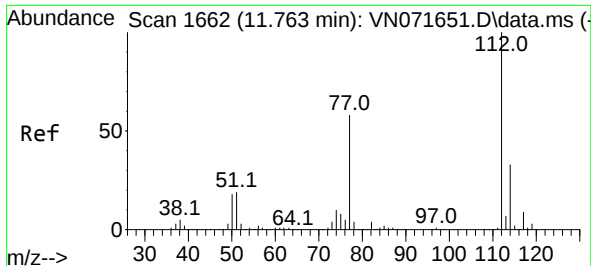
Tgt Ion:117 Resp: 766497  
Ion Ratio Lower Upper  
117 100  
82 54.7 44.2 66.2  
119 32.3 25.4 38.0



#64  
Tetrachloroethene  
Concen: 20.094 ug/l  
RT: 10.974 min Scan# 1528  
Delta R.T. -0.001 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion:164 Resp: 101707  
Ion Ratio Lower Upper  
164 100  
166 129.5 104.2 156.2  
129 87.2 73.9 110.9  
131 86.7 69.4 104.2

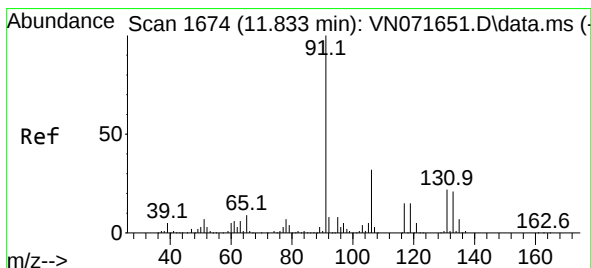
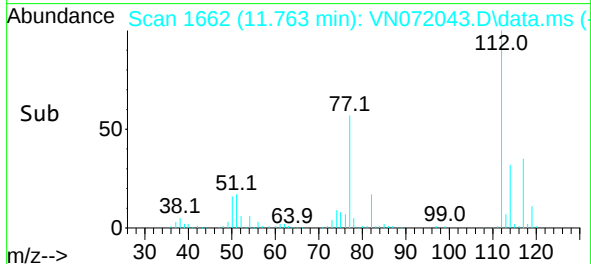
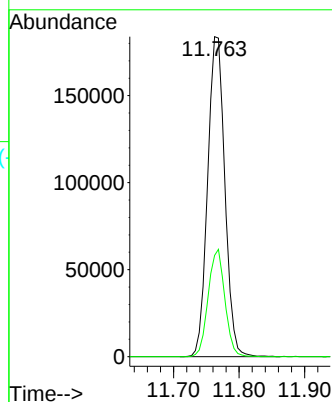
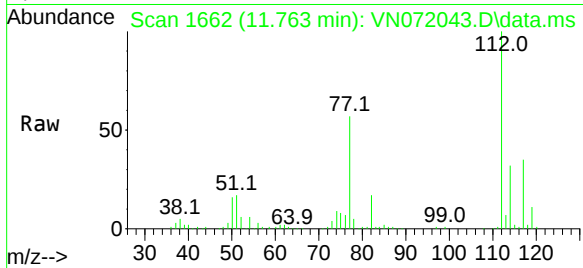




#65  
Chlorobenzene  
Concen: 21.854 ug/l  
RT: 11.763 min Scan# 1662  
Delta R.T. -0.000 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

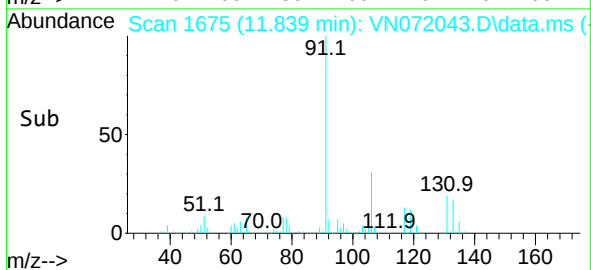
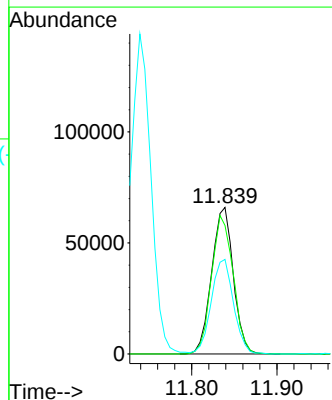
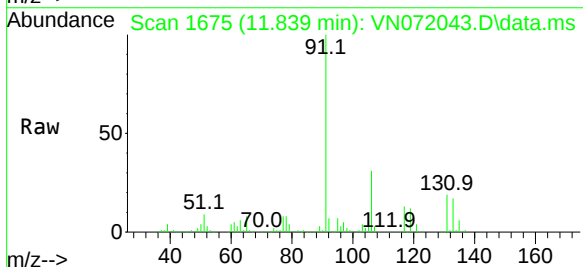
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

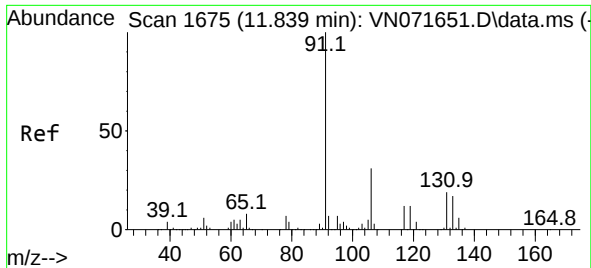
Tgt Ion:112 Resp: 335419  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.044 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.006 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion:131 Resp: 116548  
Ion Ratio Lower Upper  
131 100  
133 94.8 47.8 143.4  
119 66.3 33.4 100.2

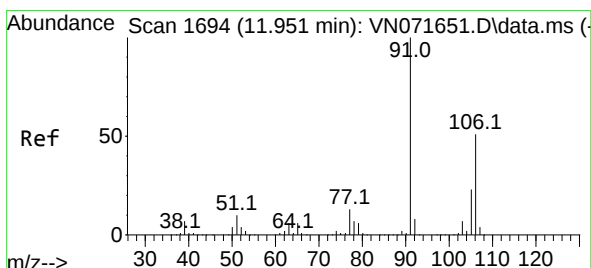
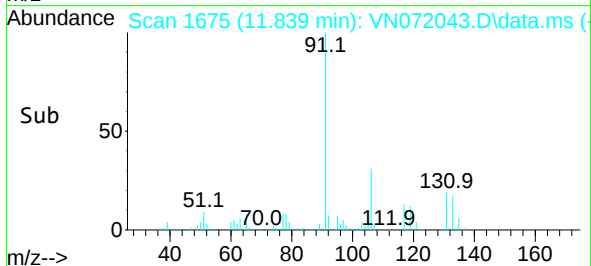
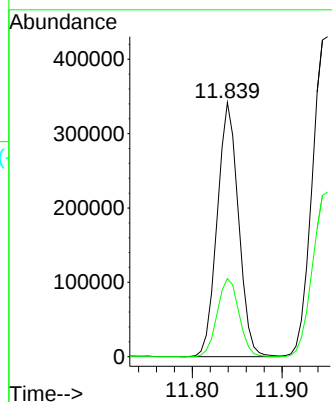
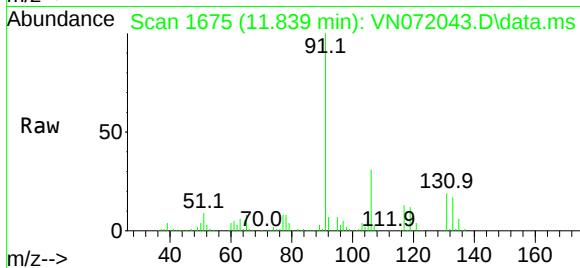




#67  
Ethyl Benzene  
Concen: 21.668 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

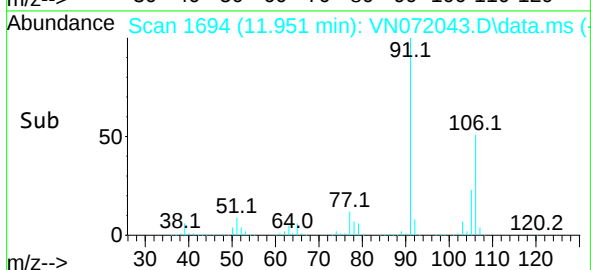
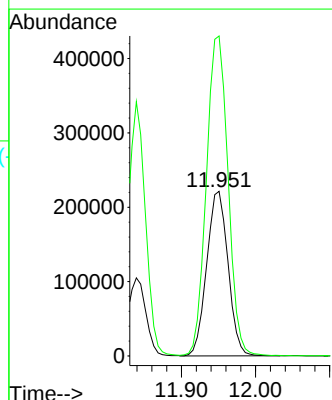
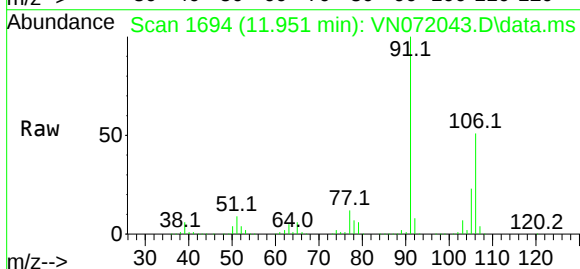
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

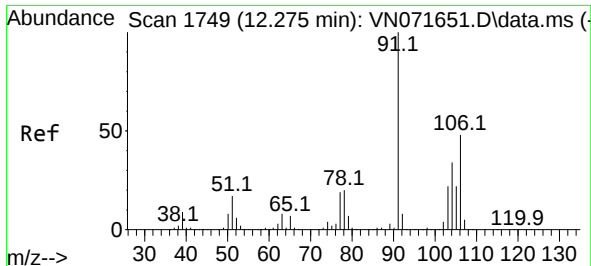
Tgt Ion: 91 Resp: 562978  
Ion Ratio Lower Upper  
91 100  
106 30.7 24.9 37.3



#68  
m/p-Xylenes  
Concen: 44.261 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion: 106 Resp: 441856  
Ion Ratio Lower Upper  
106 100  
91 197.7 158.9 238.3





#69

o-Xylene

Concen: 21.956 ug/l

RT: 12.274 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

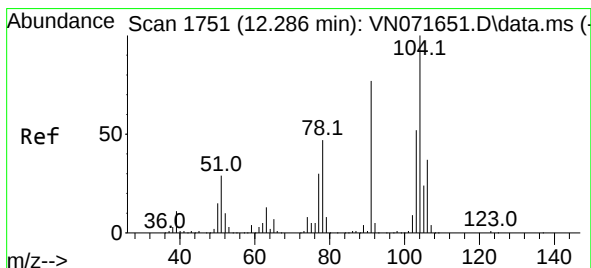
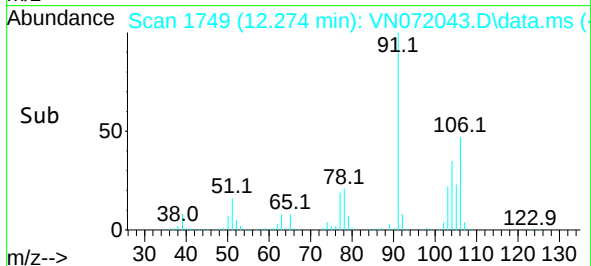
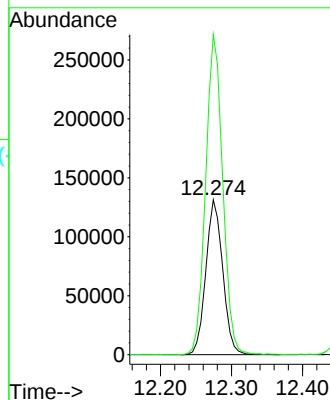
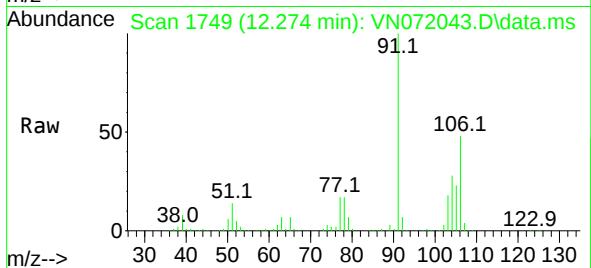
VN0419WBS01

Tgt Ion:106 Resp: 217559

Ion Ratio Lower Upper

106 100

91 208.9 106.0 318.0



#70

Styrene

Concen: 22.428 ug/l

RT: 12.292 min Scan# 1752

Delta R.T. 0.006 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

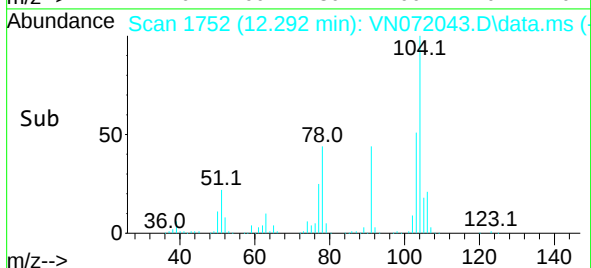
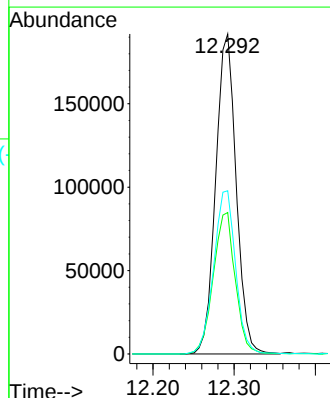
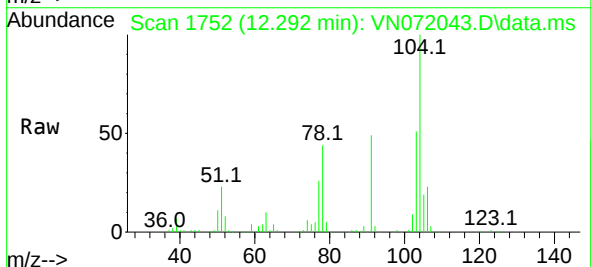
Tgt Ion:104 Resp: 336709

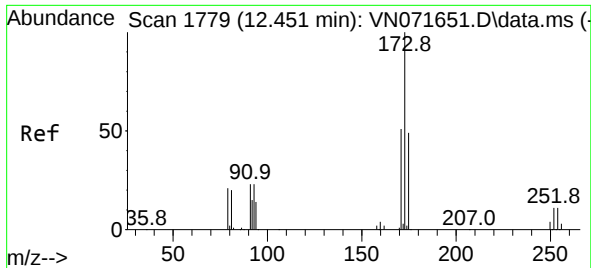
Ion Ratio Lower Upper

104 100

78 47.5 39.5 59.3

103 54.8 44.0 66.0

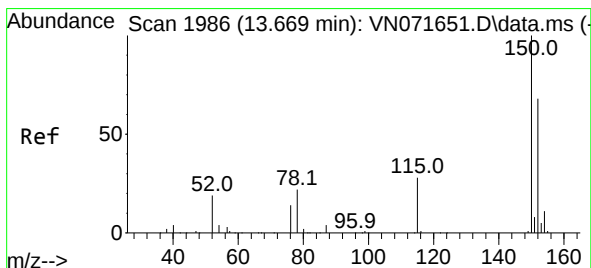
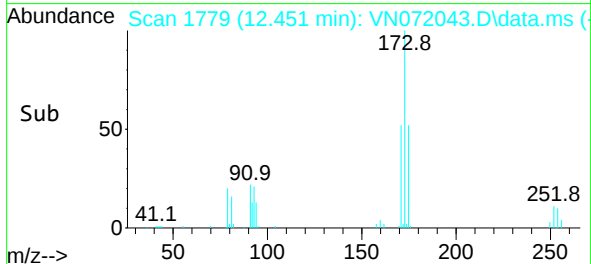
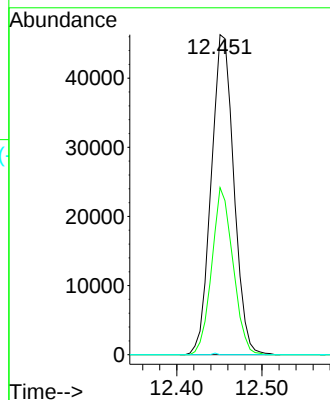
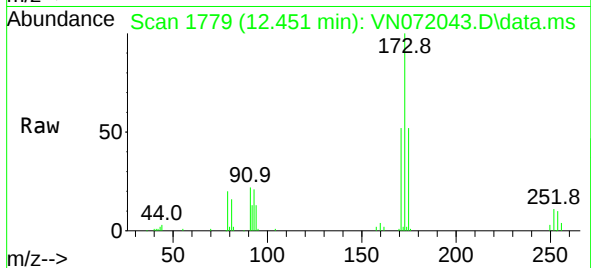




#71  
Bromoform  
Concen: 20.214 ug/l  
RT: 12.451 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

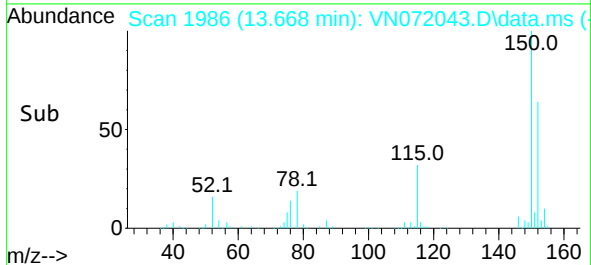
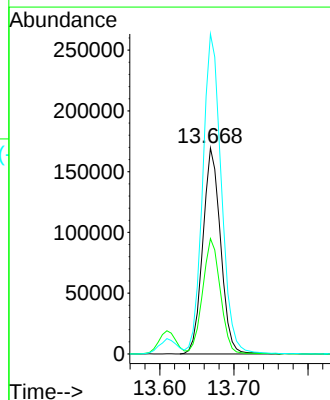
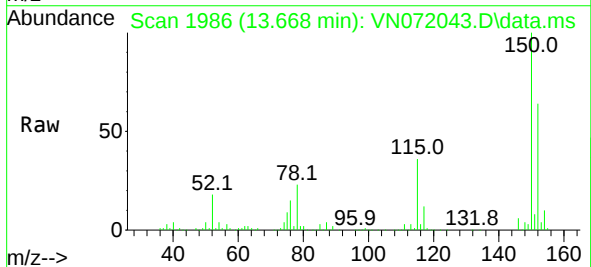
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

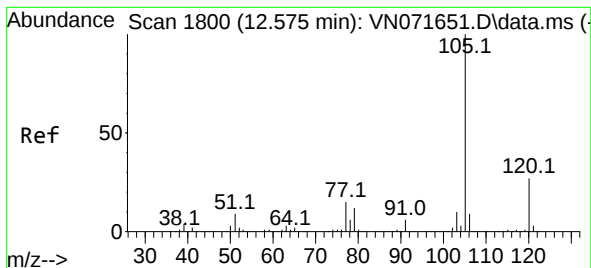
Tgt Ion:173 Resp: 85255  
Ion Ratio Lower Upper  
173 100  
175 49.1 24.6 73.6  
254 0.1 0.1 0.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. -0.001 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion:152 Resp: 281850  
Ion Ratio Lower Upper  
152 100  
115 56.3 28.9 86.7  
150 163.7 0.0 356.2





#73

Isopropylbenzene

Concen: 22.763 ug/l

RT: 12.574 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

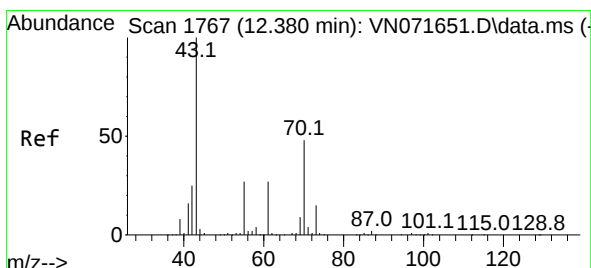
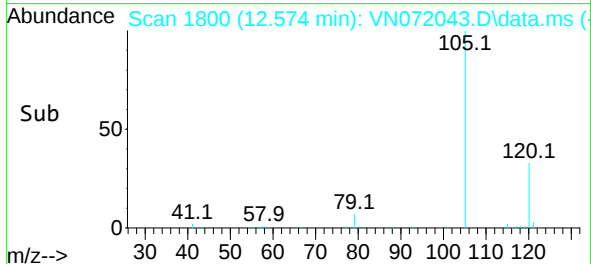
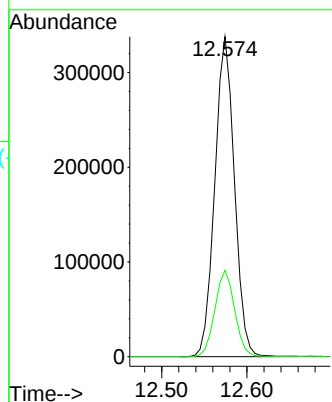
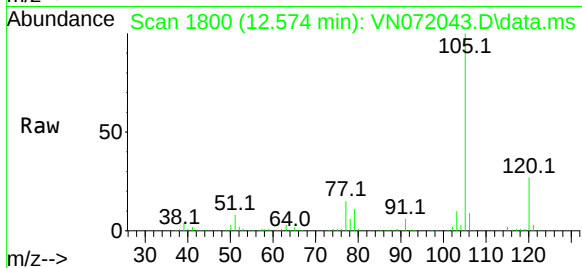
VN0419WBS01

Tgt Ion:105 Resp: 540633

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



#74

N-ethyl acetate

Concen: 20.219 ug/l

RT: 12.386 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

Tgt Ion: 43 Resp: 137589

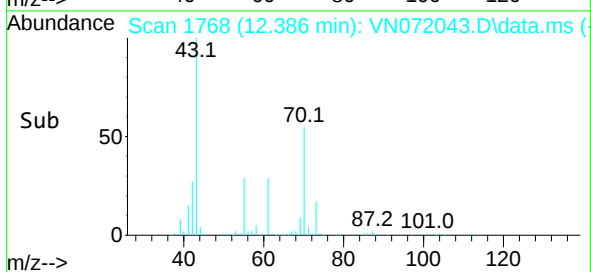
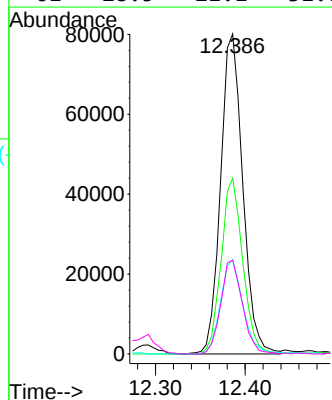
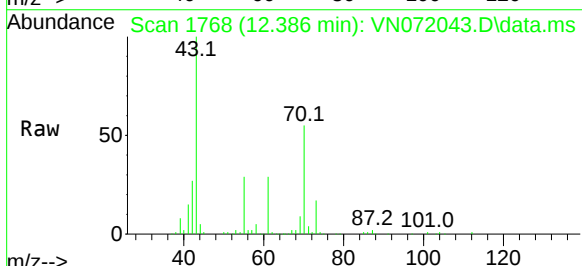
Ion Ratio Lower Upper

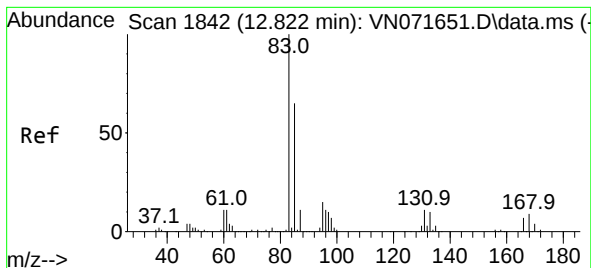
43 100

70 53.8 39.0 58.4

55 29.8 21.1 31.7

61 28.5 21.1 31.7

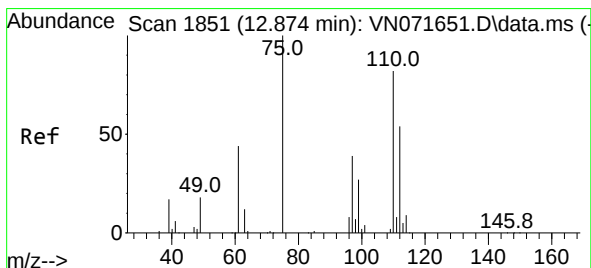
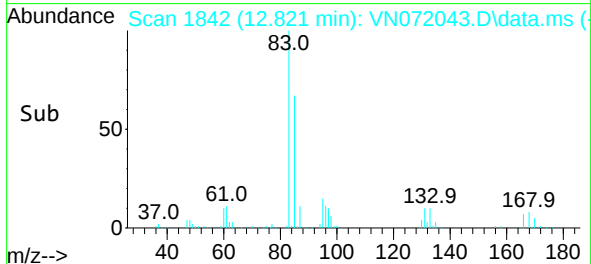
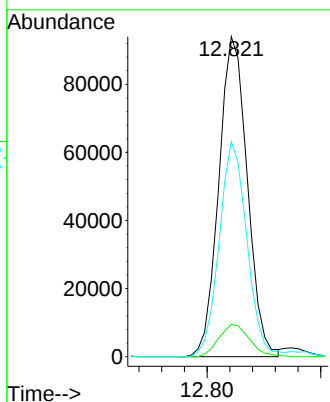
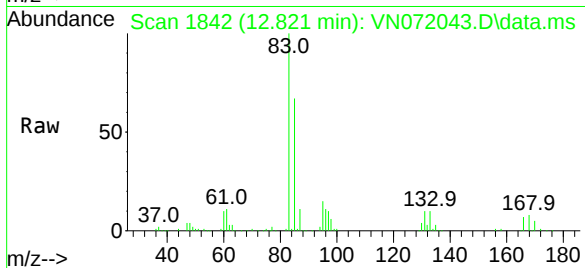




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.674 ug/l  
RT: 12.821 min Scan# 1842  
Delta R.T. -0.001 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

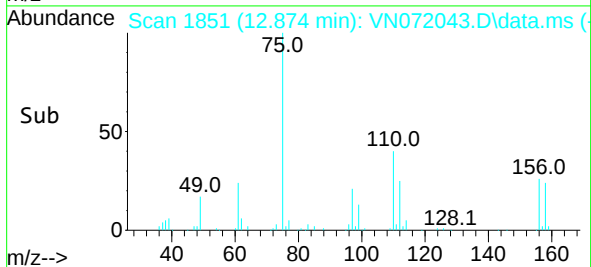
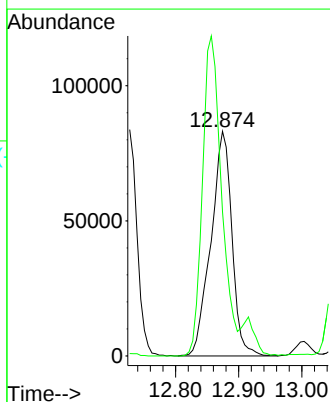
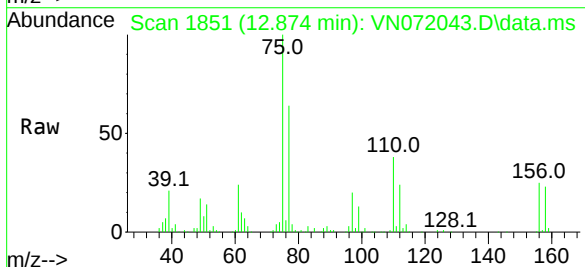
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

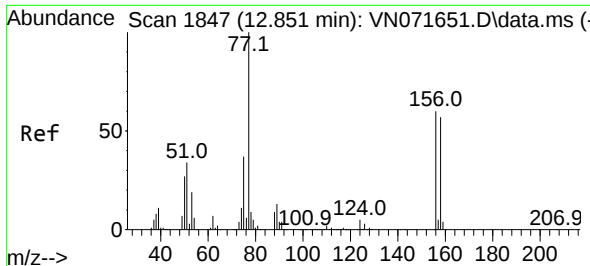
Tgt Ion: 83 Resp: 163834  
Ion Ratio Lower Upper  
83 100  
131 10.8 5.3 15.9  
85 65.3 32.3 96.9



#76  
1,2,3-Trichloropropane  
Concen: 29.497 ug/l  
RT: 12.874 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion: 75 Resp: 192596  
Ion Ratio Lower Upper  
75 100  
77 128.6 98.5 295.5

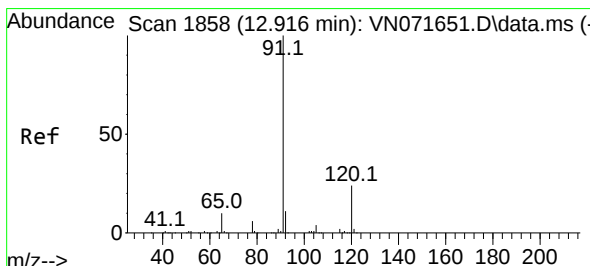
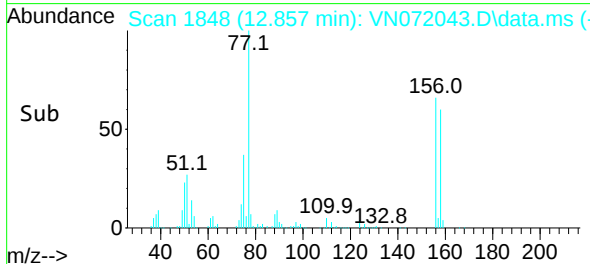
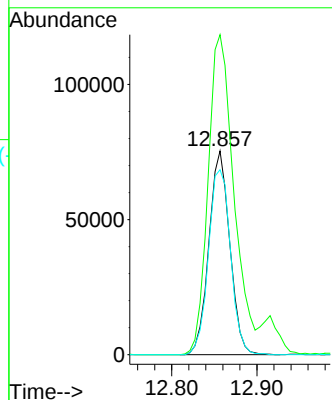
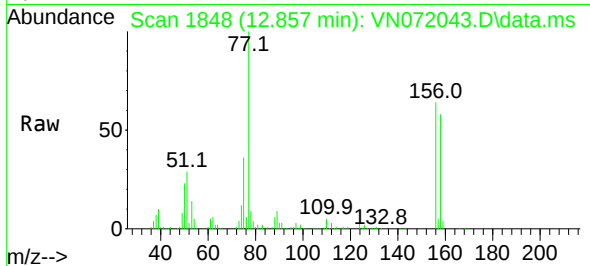




#77  
Bromobenzene  
Concen: 21.580 ug/l  
RT: 12.857 min Scan# 1847  
Delta R.T. 0.006 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

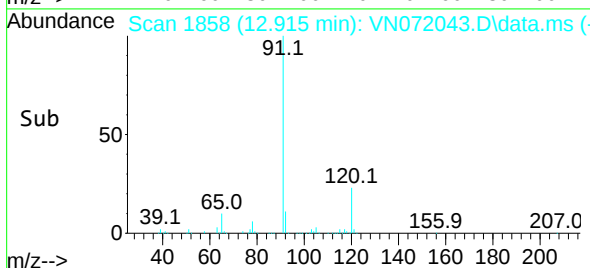
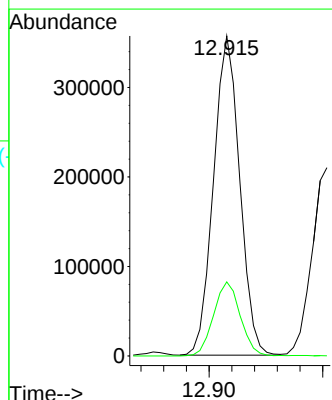
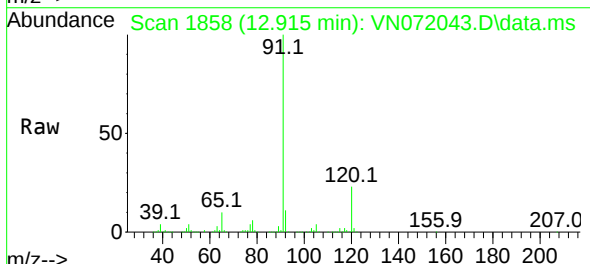
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

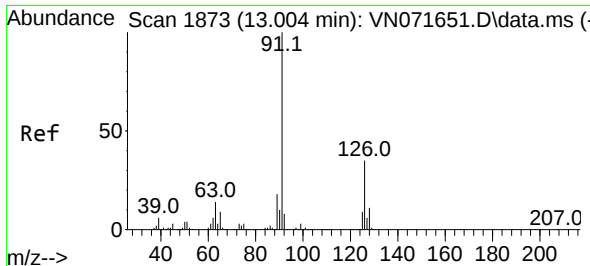
Tgt Ion:156 Resp: 128484  
Ion Ratio Lower Upper  
156 100  
77 192.7 100.5 301.5  
158 96.2 48.9 146.6



#78  
n-propylbenzene  
Concen: 22.860 ug/l  
RT: 12.915 min Scan# 1858  
Delta R.T. -0.001 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion: 91 Resp: 571113  
Ion Ratio Lower Upper  
91 100  
120 23.6 11.9 35.5

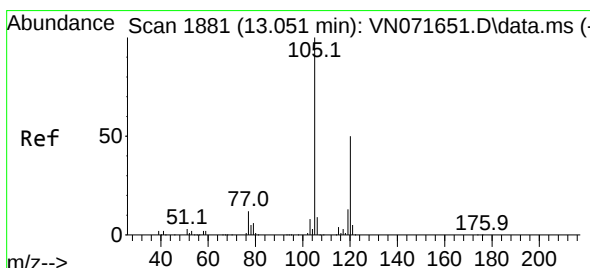
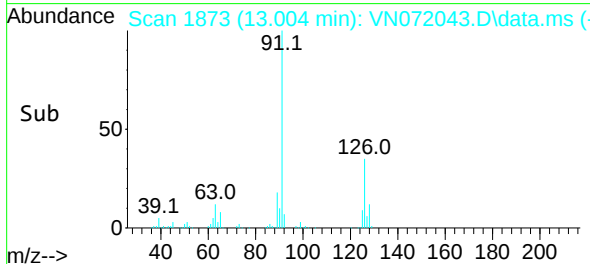
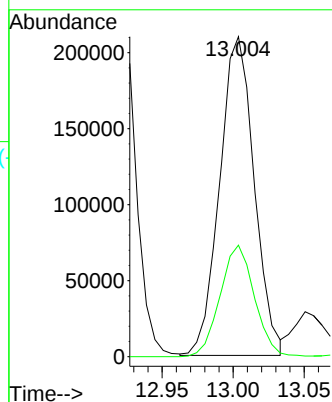
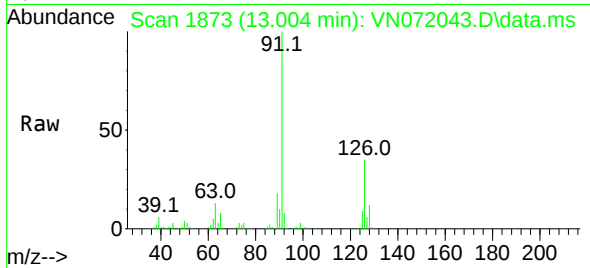




#79  
2-Chlorotoluene  
Concen: 22.164 ug/l  
RT: 13.004 min Scan# 1873  
Delta R.T. -0.000 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

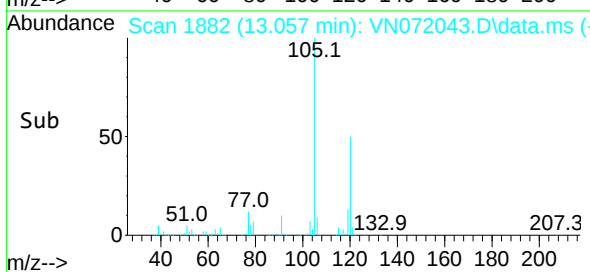
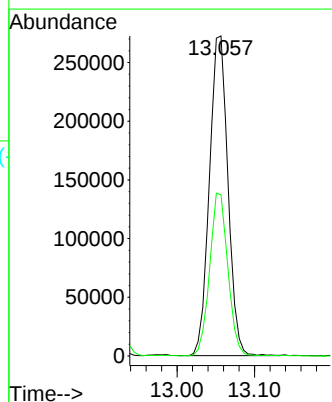
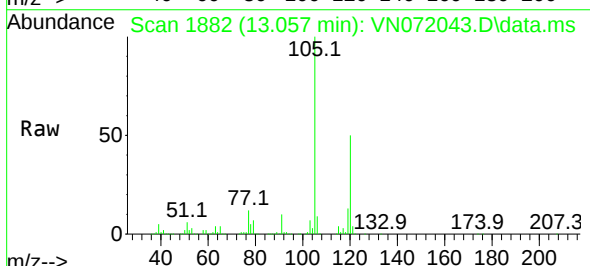
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

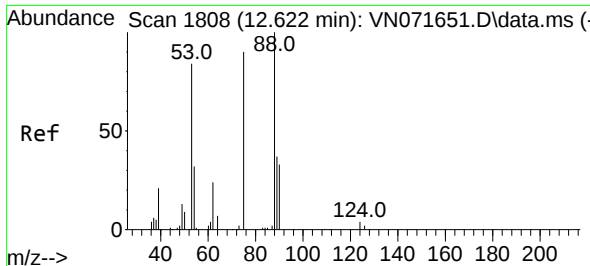
Tgt Ion: 91 Resp: 355126  
Ion Ratio Lower Upper  
91 100  
126 34.8 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 24.010 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. 0.006 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion: 105 Resp: 451821  
Ion Ratio Lower Upper  
105 100  
120 49.9 24.9 74.7

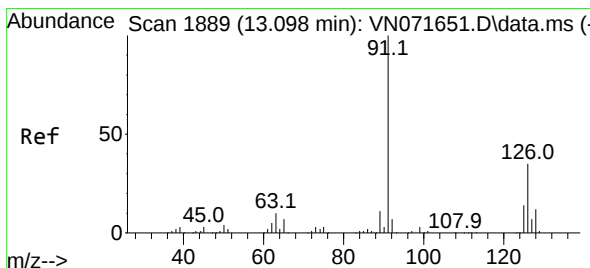
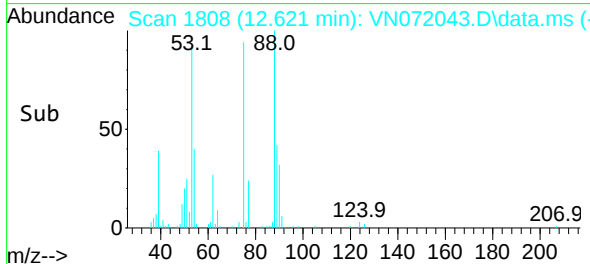
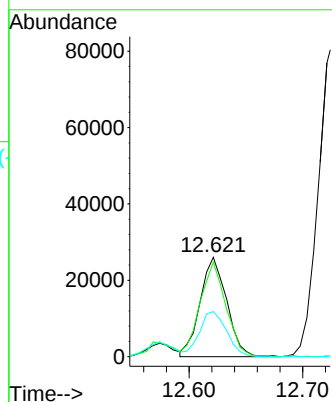
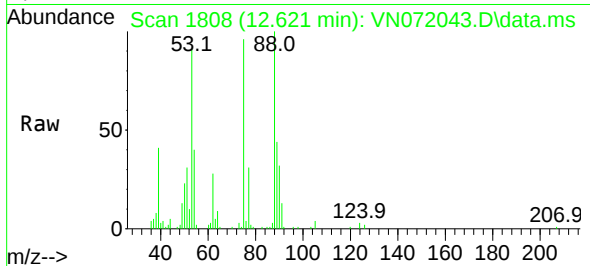




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.114 ug/l  
RT: 12.621 min Scan# 1808  
Delta R.T. -0.001 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

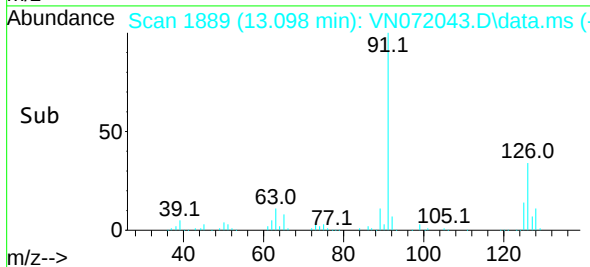
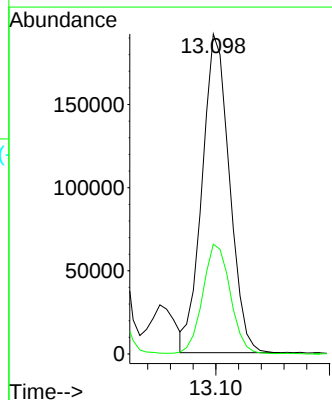
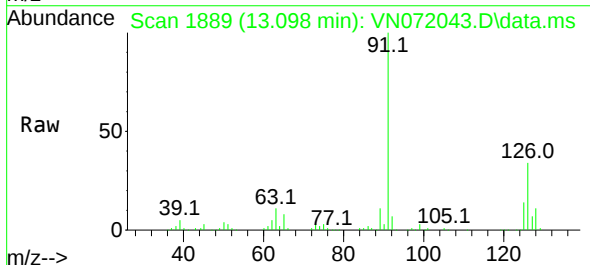
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

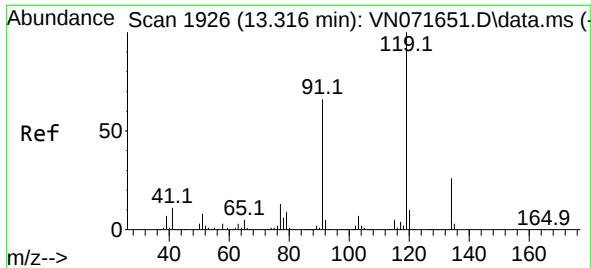
Tgt Ion: 75 Resp: 42379  
Ion Ratio Lower Upper  
75 100  
53 93.4 78.0 117.0  
89 46.8 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 21.561 ug/l  
RT: 13.098 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion: 91 Resp: 320214  
Ion Ratio Lower Upper  
91 100  
126 34.6 17.2 51.6

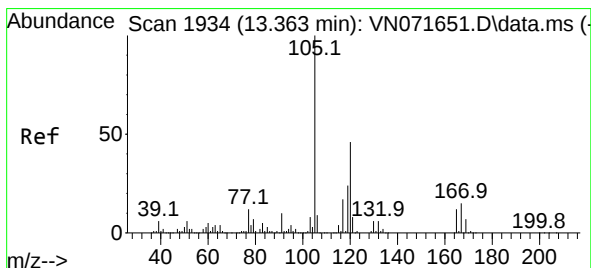
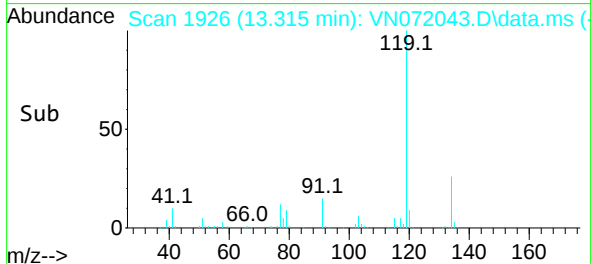
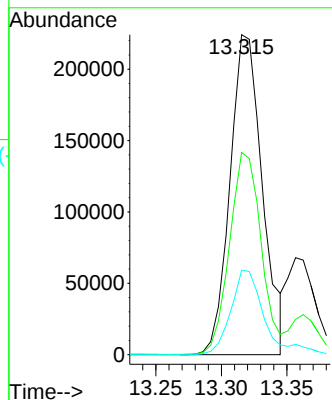
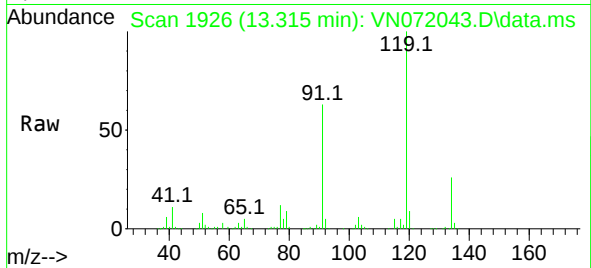




#83  
tert-Butylbenzene  
Concen: 22.398 ug/l  
RT: 13.315 min Scan# 1926  
Delta R.T. -0.001 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

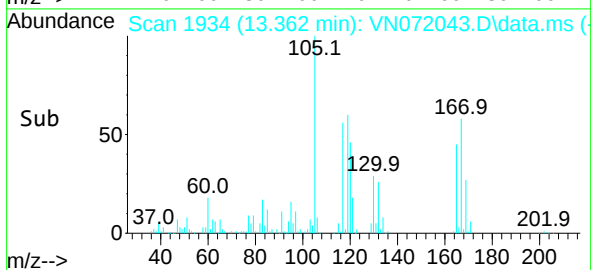
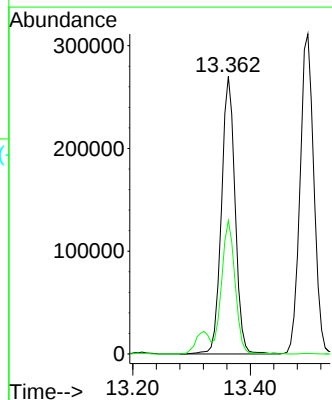
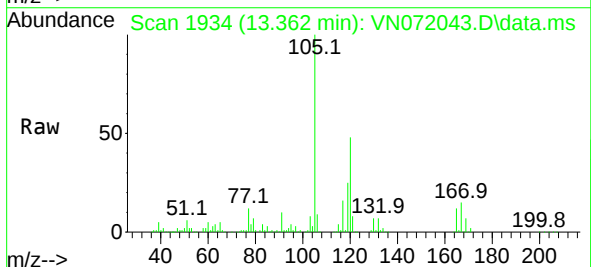
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

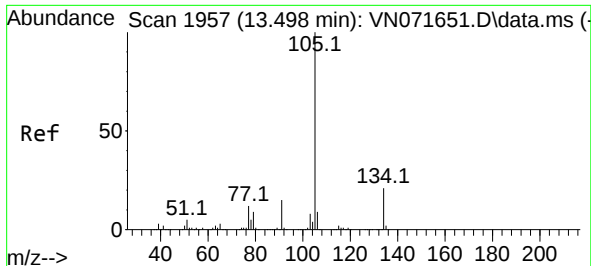
Tgt Ion:119 Resp: 385286  
Ion Ratio Lower Upper  
119 100  
91 61.8 31.6 94.8  
134 27.5 13.7 41.1



#84  
1,2,4-Trimethylbenzene  
Concen: 23.775 ug/l  
RT: 13.362 min Scan# 1934  
Delta R.T. -0.001 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion:105 Resp: 436527  
Ion Ratio Lower Upper  
105 100  
120 47.5 23.3 69.8

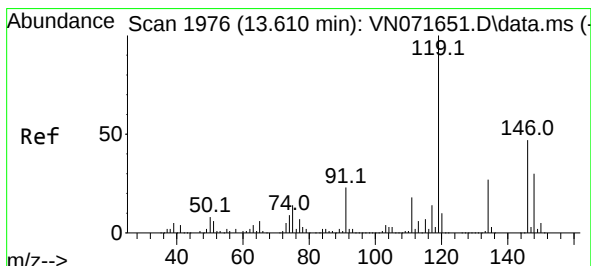
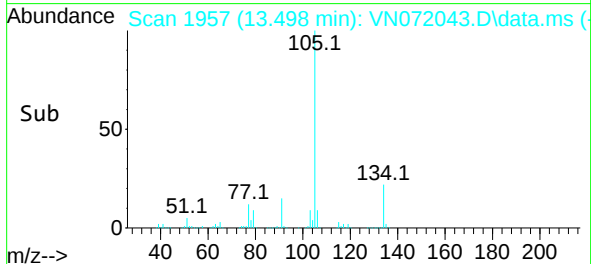
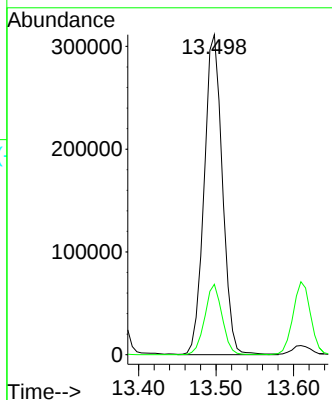
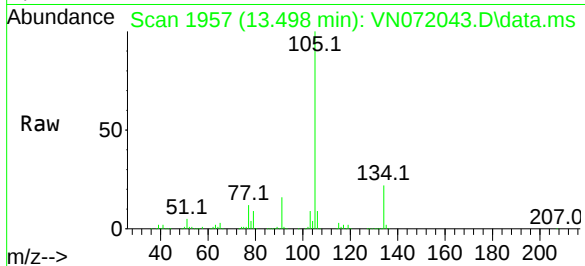




#85  
 sec-Butylbenzene  
 Concen: 22.819 ug/l  
 RT: 13.498 min Scan# 1957  
 Delta R.T. -0.000 min  
 Lab File: VN072043.D  
 Acq: 19 Apr 2022 12:35

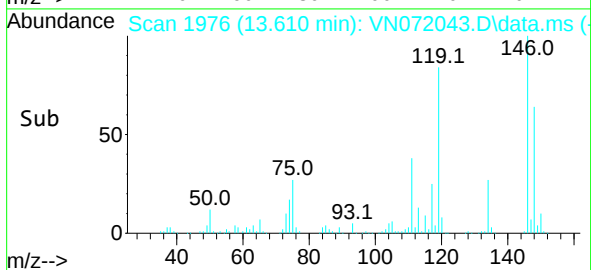
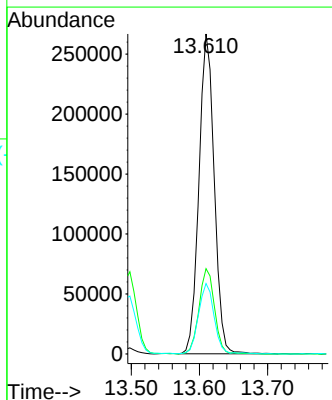
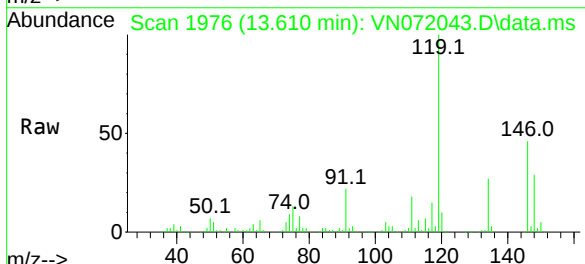
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0419WBS01

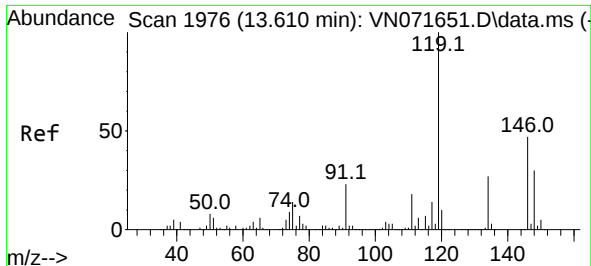
Tgt Ion:105 Resp: 508842  
 Ion Ratio Lower Upper  
 105 100  
 134 20.9 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 23.381 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. -0.000 min  
 Lab File: VN072043.D  
 Acq: 19 Apr 2022 12:35

Tgt Ion:119 Resp: 415700  
 Ion Ratio Lower Upper  
 119 100  
 134 27.1 13.3 39.8  
 91 22.8 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 21.890 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

VN0419WBS01

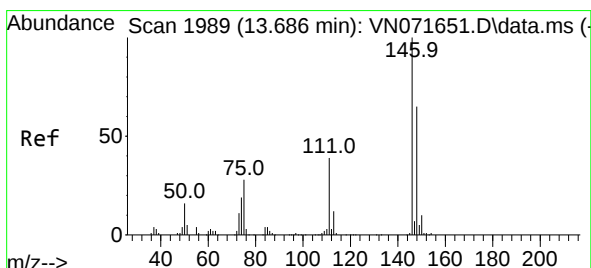
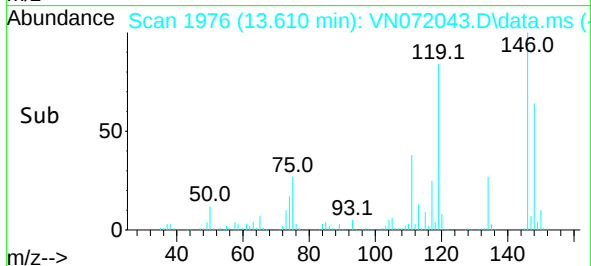
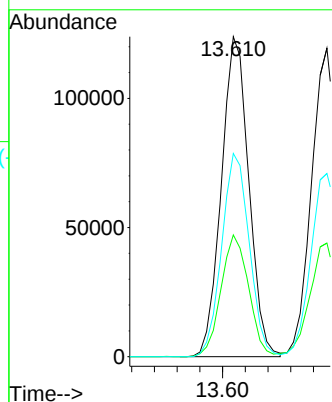
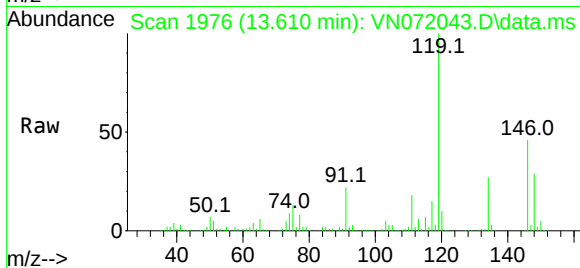
Tgt Ion:146 Resp: 207639

Ion Ratio Lower Upper

146 100

111 38.2 20.0 60.0

148 63.9 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 21.667 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.006 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

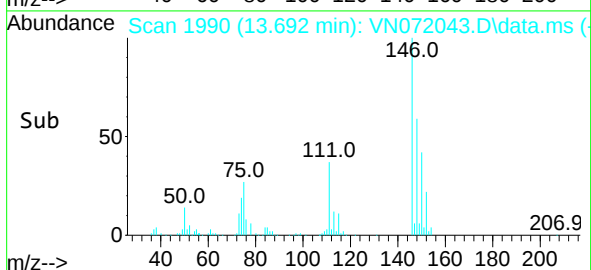
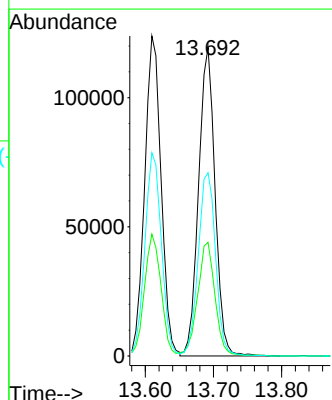
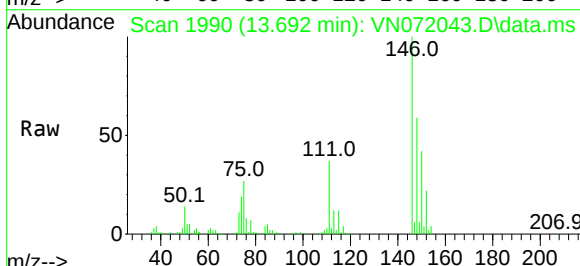
Tgt Ion:146 Resp: 200508

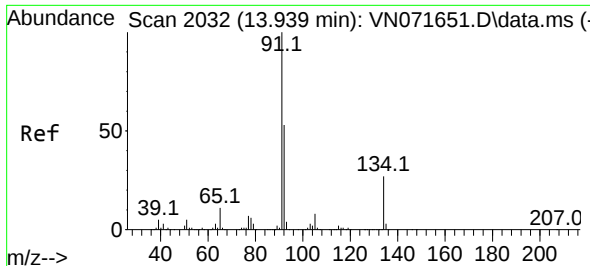
Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.1

148 62.7 31.4 94.3

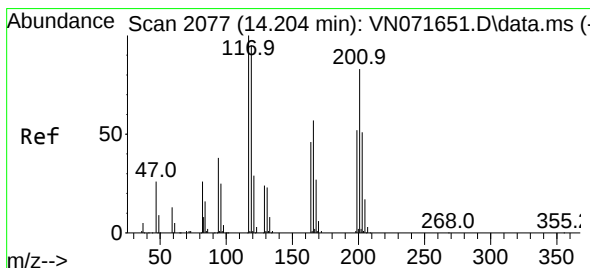
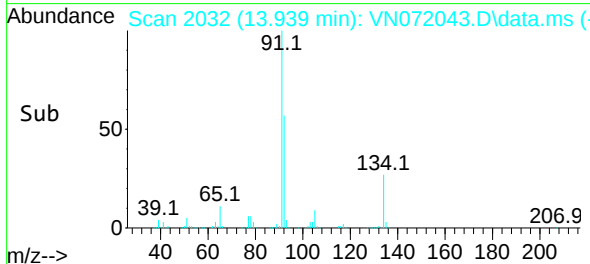
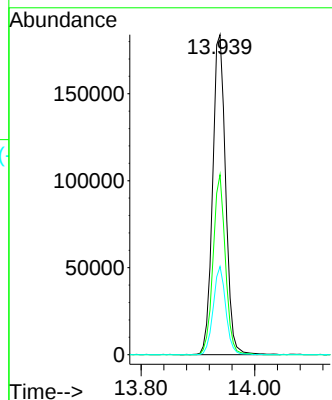
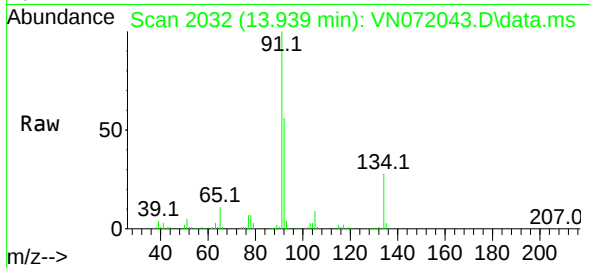




#89  
n-Butylbenzene  
Concen: 22.091 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

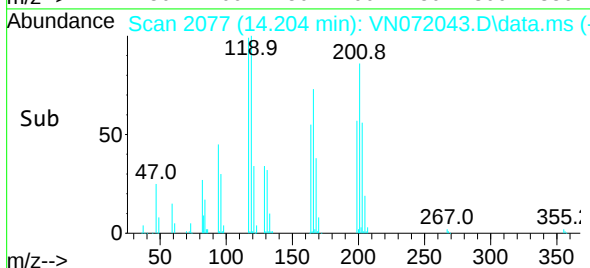
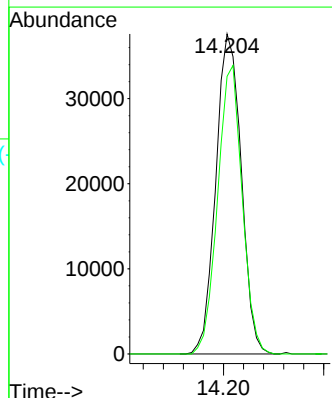
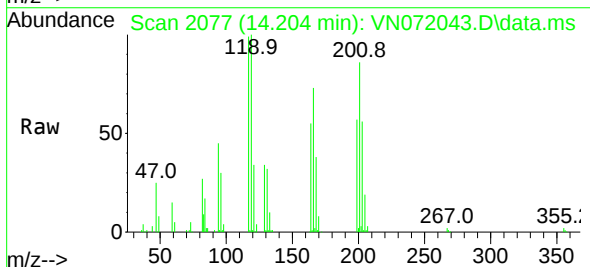
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

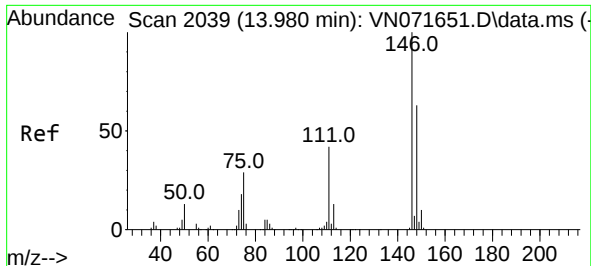
Tgt Ion: 91 Resp: 291321  
Ion Ratio Lower Upper  
91 100  
92 53.4 26.9 80.7  
134 26.7 13.6 40.8



#90  
Hexachloroethane  
Concen: 20.246 ug/l  
RT: 14.204 min Scan# 2077  
Delta R.T. -0.000 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion: 117 Resp: 65893  
Ion Ratio Lower Upper  
117 100  
201 87.2 40.6 122.0

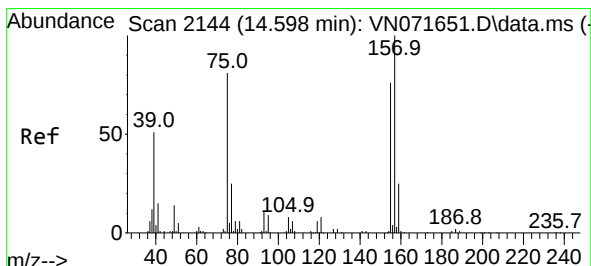
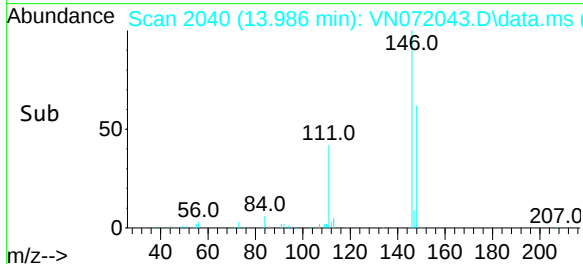
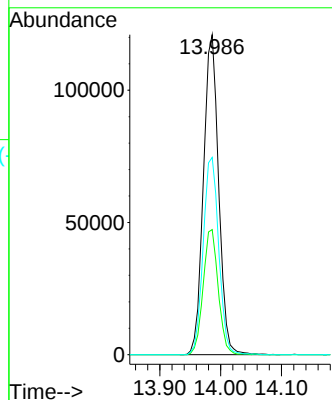
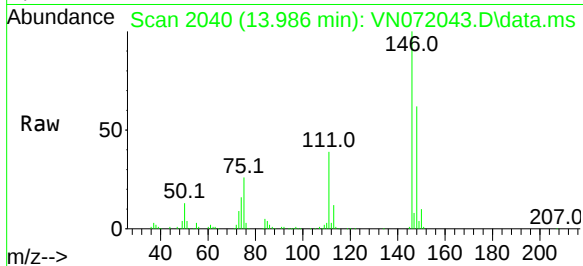




#91  
1,2-Dichlorobenzene  
Concen: 22.519 ug/l  
RT: 13.986 min Scan# 2039  
Delta R.T. 0.006 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

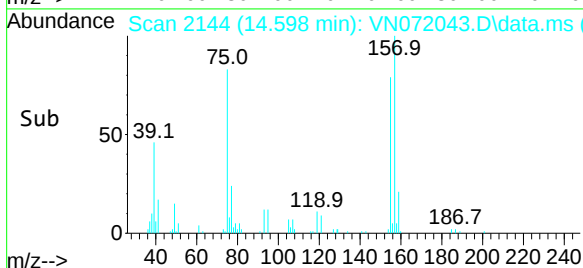
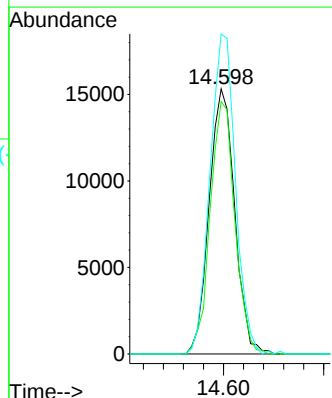
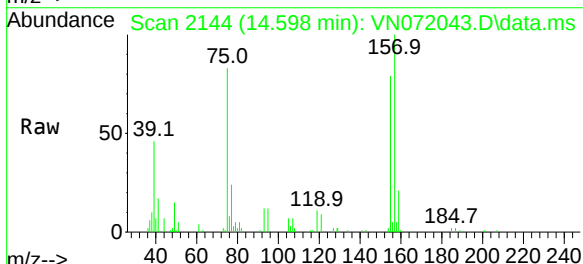
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

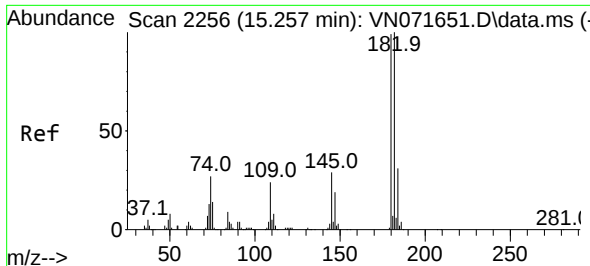
Tgt Ion:146 Resp: 209700  
Ion Ratio Lower Upper  
146 100  
111 38.8 20.9 62.8  
148 63.2 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 22.036 ug/l  
RT: 14.598 min Scan# 2144  
Delta R.T. -0.000 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion: 75 Resp: 27086  
Ion Ratio Lower Upper  
75 100  
155 92.0 44.9 134.5  
157 120.3 59.0 176.8

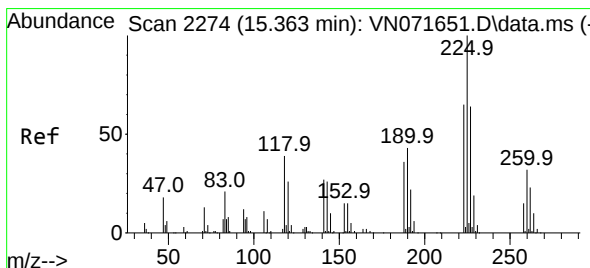
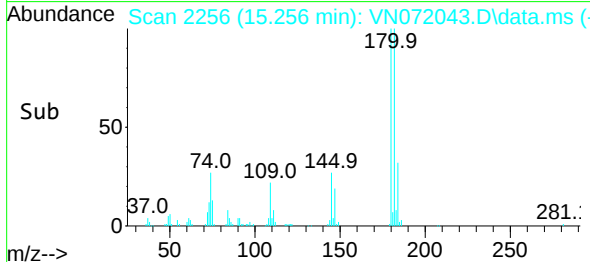
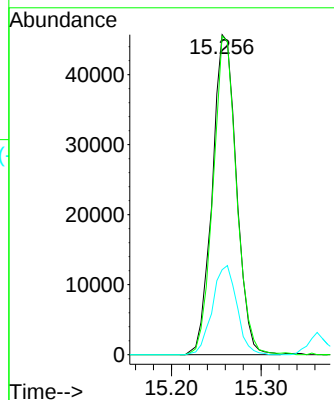
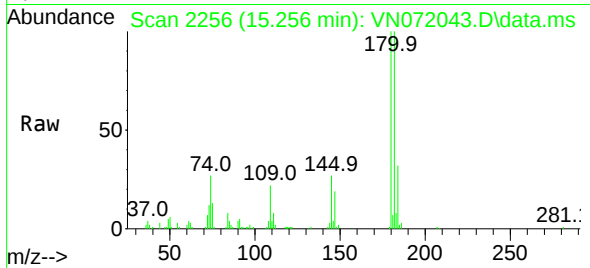




#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.316 ug/l  
 RT: 15.256 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: VN072043.D  
 Acq: 19 Apr 2022 12:35

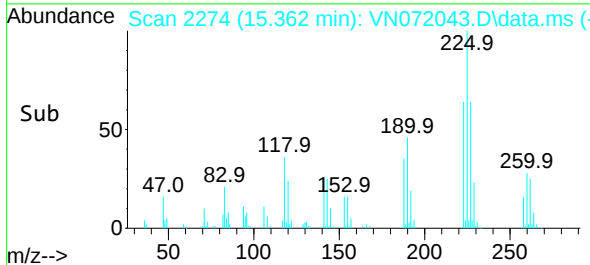
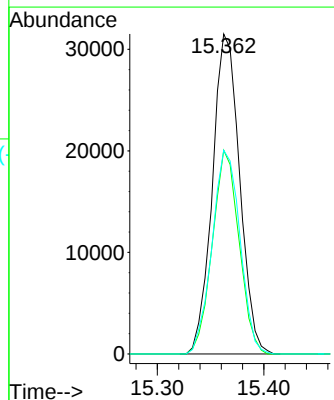
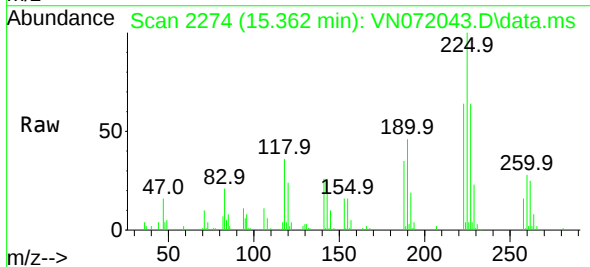
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0419WBS01

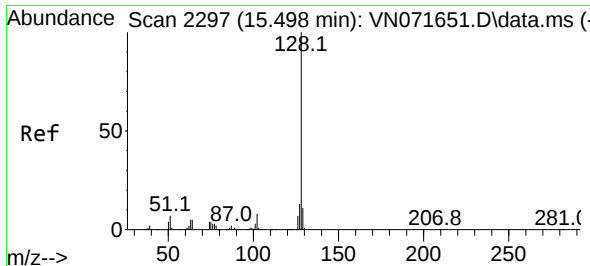
Tgt Ion:180 Resp: 85334  
 Ion Ratio Lower Upper  
 180 100  
 182 96.6 47.5 142.5  
 145 28.3 14.5 43.5



#94  
 Hexachlorobutadiene  
 Concen: 20.374 ug/l  
 RT: 15.362 min Scan# 2274  
 Delta R.T. -0.001 min  
 Lab File: VN072043.D  
 Acq: 19 Apr 2022 12:35

Tgt Ion:225 Resp: 55956  
 Ion Ratio Lower Upper  
 225 100  
 223 62.2 32.4 97.2  
 227 65.2 31.8 95.4

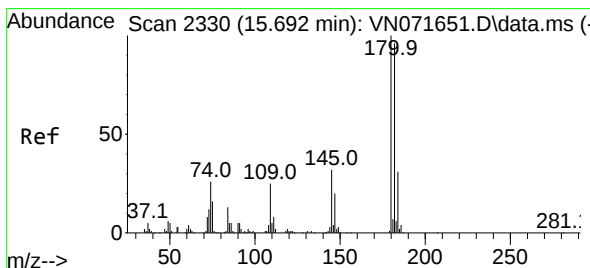
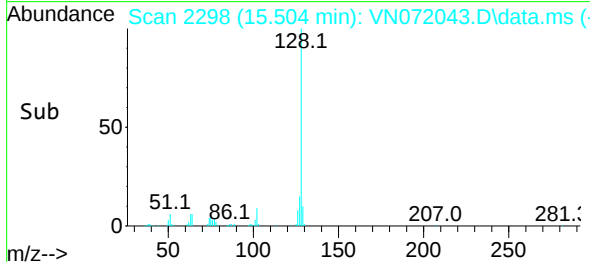
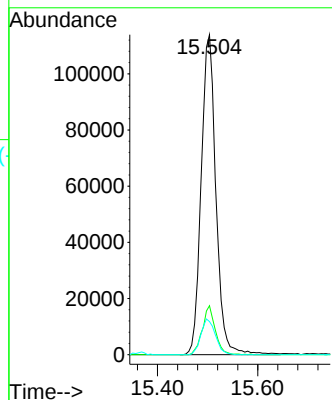
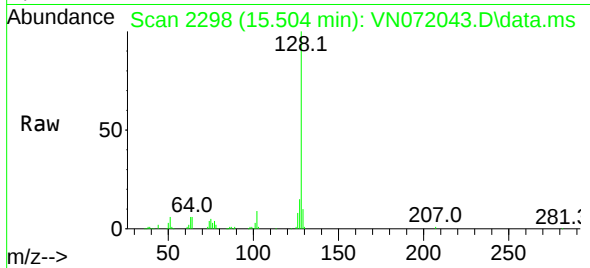




#95  
Naphthalene  
Concen: 20.566 ug/l  
RT: 15.504 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0419WBS01

Tgt Ion:128 Resp: 232859  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.3 15.5  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 21.799 ug/l  
RT: 15.698 min Scan# 2331  
Delta R.T. 0.006 min  
Lab File: VN072043.D  
Acq: 19 Apr 2022 12:35

Tgt Ion:180 Resp: 88507  
Ion Ratio Lower Upper  
180 100  
182 95.8 47.8 143.3  
145 30.6 15.5 46.5

