

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN100521\  
 Data File : VN068808.D  
 Acq On : 5 Oct 2021 17:18  
 Operator : JC/MD  
 Sample : VN1005WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1005WBS01

Quant Time: Oct 06 01:35:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N092821W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Sep 29 08:56:32 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 7.659  | 128   | 82145    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.971  | 114   | 453523   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.747 | 117   | 428393   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.440  | 65    | 201552   | 31.832   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 106.100% |
| 60) 4-Bromofluorobenzene     | 12.733 | 95    | 190079   | 28.402   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 94.667%  |
| 63) Toluene-d8               | 10.443 | 98    | 604882   | 31.239   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 104.133% |
| Target Compounds             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.073  | 85    | 69390    | 19.048   | ug/l   | 99       |
| 3) Chloromethane             | 2.303  | 50    | 97928    | 21.005   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.445  | 62    | 188507   | 20.741   | ug/l   | 100      |
| 5) Bromomethane              | 2.856  | 94    | 182973   | 20.740   | ug/l   | 97       |
| 6) Chloroethane              | 3.017  | 64    | 162308   | 21.969   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.373  | 101   | 158331   | 20.883   | ug/l   | 98       |
| 8) Diethyl Ether             | 3.832  | 74    | 52766    | 20.324   | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 4.213  | 101   | 85752    | 19.536   | ug/l # | 69       |
| 10) 1,1-Dichloroethene       | 4.186  | 96    | 81880    | 20.214   | ug/l   | 99       |
| 11) Methyl Iodide            | 4.425  | 142   | 106846   | 21.869   | ug/l   | 98       |
| 12) Methyl Acetate           | 4.857  | 43    | 143574   | 20.523   | ug/l   | 97       |
| 13) Acrolein                 | 4.047  | 56    | 19465    | 66.278   | ug/l # | 58       |
| 14) Acrylonitrile            | 5.554  | 53    | 224358   | 99.863   | ug/l   | 99       |
| 15) Acetone                  | 4.288  | 58    | 57220    | 91.943   | ug/l   | 98       |
| 16) Carbon Disulfide         | 4.535  | 76    | 206417   | 18.818   | ug/l   | 97       |
| 17) Allyl chloride           | 4.846  | 41    | 126104   | 19.593   | ug/l   | 99       |
| 18) Methylene Chloride       | 5.103  | 84    | 105731   | 20.781   | ug/l   | 98       |
| 19) trans-1,2-Dichloroethene | 5.605  | 96    | 95955    | 20.042   | ug/l   | 96       |
| 20) Diisopropyl ether        | 6.498  | 45    | 307292   | 20.534   | ug/l # | 99       |
| 21) 1,1-Dichloroethane       | 6.388  | 63    | 183396   | 21.110   | ug/l   | 99       |
| 22) cis-1,2-Dichloroethene   | 7.327  | 96    | 113239   | 19.438   | ug/l   | 98       |
| 23) tert-Butyl Alcohol       | 5.366  | 59    | 85500    | 102.567  | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 5.616  | 73    | 325593   | 20.463   | ug/l   | 99       |
| 25) Chloroform               | 7.820  | 83    | 211590   | 20.657   | ug/l   | 97       |
| 26) Cyclohexane              | 8.099  | 56    | 143956   | 19.037   | ug/l # | 96       |
| 29) 1,1-Dichloropropene      | 8.225  | 75    | 141442   | 19.626   | ug/l   | 100      |
| 30) 2-Butanone               | 7.335  | 43    | 320992   | 99.158   | ug/l   | 100      |
| 31) 2,2-Dichloropropane      | 7.329  | 77    | 159930   | 19.311   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 8.016  | 97    | 192750   | 20.869   | ug/l   | 98       |
| 33) Carbon Tetrachloride     | 8.206  | 117   | 164473   | 20.034   | ug/l   | 99       |
| 34) Benzene                  | 8.461  | 78    | 441718   | 20.660   | ug/l   | 99       |
| 35) Methacrylonitrile        | 7.638  | 41    | 64266    | 19.812   | ug/l   | 96       |
| 36) 1,2-Dichloroethane       | 8.531  | 62    | 167407   | 20.929   | ug/l   | 100      |
| 37) Trichloroethene          | 9.220  | 130   | 112307   | 19.866   | ug/l   | 97       |
| 38) Methylcyclohexane        | 9.461  | 83    | 159046   | 17.827   | ug/l   | 99       |
| 39) 1,2-Dichloropropane      | 9.491  | 63    | 110526   | 20.869   | ug/l   | 97       |
| 40) Dibromomethane           | 9.579  | 93    | 86104    | 20.597   | ug/l   | 98       |
| 41) Bromodichloromethane     | 9.765  | 83    | 171398   | 20.917   | ug/l   | 97       |
| 42) Vinyl Acetate            | 6.436  | 43    | 1030043  | 85.930   | ug/l   | 96       |

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 Sample : VN1005WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1005WBS01

Quant Time: Oct 06 01:35:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N092821W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Sep 29 08:56:32 2021  
 Response via : Initial Calibration

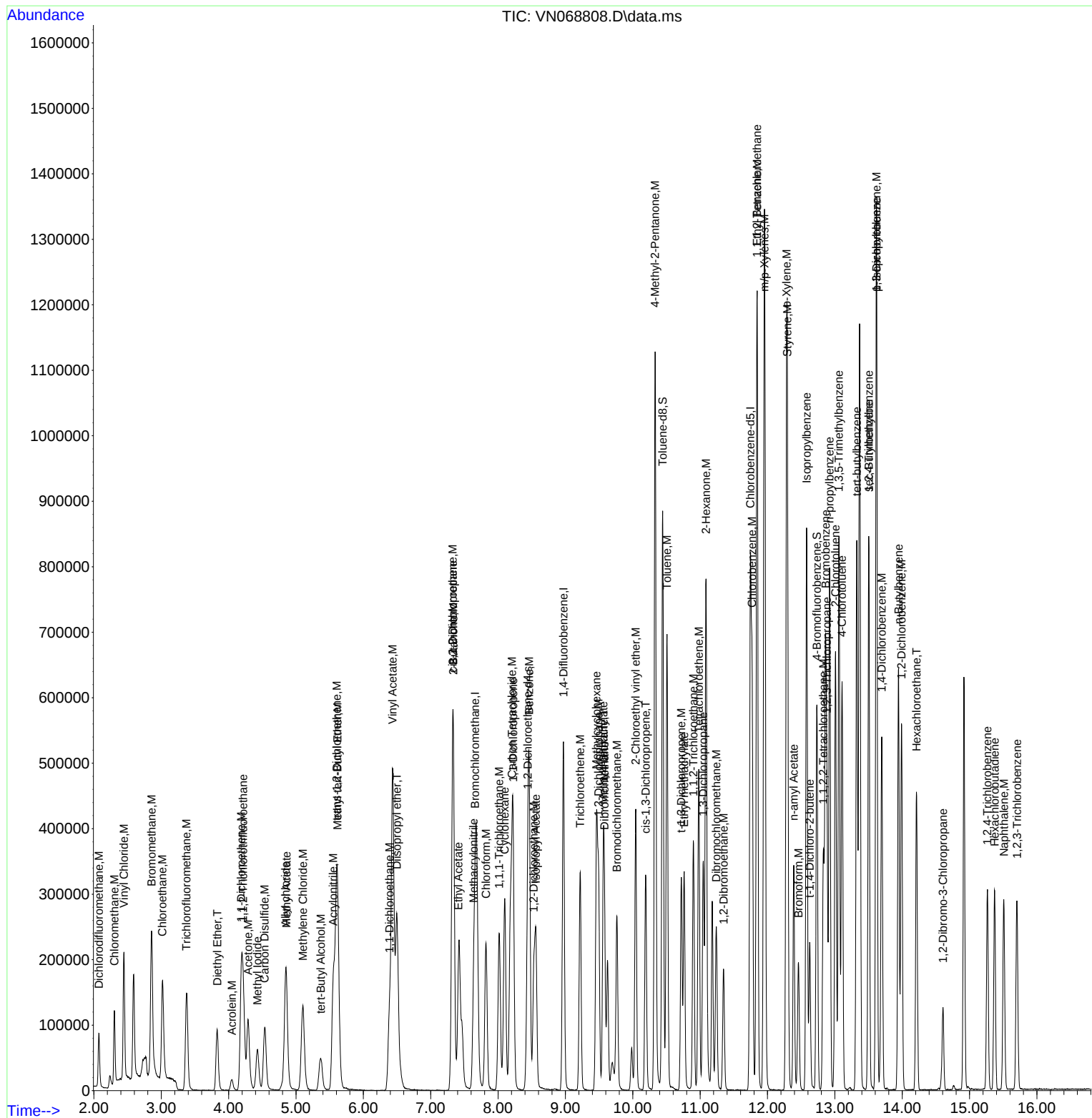
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 7.412  | 43   | 132869   | 20.533  | ug/l   | 98       |
| 44) Isopropyl Acetate         | 8.560  | 43   | 239882   | 20.467  | ug/l   | 100      |
| 45) 1,4-Dioxane               | 9.569  | 88   | 44294    | 466.775 | ug/l   | 95       |
| 46) Methyl methacrylate       | 9.561  | 41   | 99987    | 19.288  | ug/l   | 97       |
| 47) n-amyl Acetate            | 12.390 | 43   | 183067   | 18.445  | ug/l   | 97       |
| 48) t-1,3-Dichloropropene     | 10.719 | 75   | 171332   | 19.240  | ug/l   | 98       |
| 49) cis-1,3-Dichloropropene   | 10.194 | 75   | 178851   | 19.640  | ug/l   | 100      |
| 50) 1,1,2-Trichloroethane     | 10.899 | 97   | 119922   | 20.701  | ug/l   | 98       |
| 51) Ethyl methacrylate        | 10.762 | 69   | 165445   | 18.962  | ug/l   | 99       |
| 52) 1,3-Dichloropropane       | 11.047 | 76   | 191931   | 20.474  | ug/l   | 100      |
| 53) Dibromochloromethane      | 11.240 | 129  | 127816   | 19.424  | ug/l   | 100      |
| 54) 1,2-Dibromoethane         | 11.347 | 107  | 123901   | 20.387  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether | 10.043 | 63   | 180179   | 73.962  | ug/l   | 99       |
| 56) Bromoform                 | 12.460 | 173  | 89118    | 18.780  | ug/l # | 99       |
| 58) 4-Methyl-2-Pentanone      | 10.330 | 43   | 747287   | 103.347 | ug/l   | 99       |
| 59) 2-Hexanone                | 11.087 | 43   | 528479   | 100.336 | ug/l   | 98       |
| 61) Tetrachloroethene         | 10.982 | 164  | 101298   | 20.176  | ug/l   | 92       |
| 62) Toluene                   | 10.507 | 91   | 520311   | 20.315  | ug/l   | 99       |
| 64) Chlorobenzene             | 11.771 | 112  | 314599   | 20.016  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 123413   | 20.245  | ug/l   | 98       |
| 66) Ethyl Benzene             | 11.846 | 91   | 564121   | 19.547  | ug/l   | 98       |
| 67) m/p-Xylenes               | 11.956 | 106  | 435629   | 39.091  | ug/l   | 99       |
| 68) o-Xylene                  | 12.283 | 106  | 214984   | 19.596  | ug/l   | 99       |
| 69) Styrene                   | 12.296 | 104  | 348517   | 19.248  | ug/l   | 99       |
| 70) Isopropylbenzene          | 12.581 | 105  | 562759   | 19.344  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 170435   | 20.794  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 12.881 | 75   | 205001   | 30.870  | ug/l   | 59       |
| 73) Bromobenzene              | 12.862 | 156  | 126640   | 19.230  | ug/l   | 99       |
| 74) n-propylbenzene           | 12.921 | 91   | 635191   | 19.045  | ug/l   | 100      |
| 75) 2-Chlorotoluene           | 13.010 | 91   | 376340   | 19.333  | ug/l   | 100      |
| 76) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 466805   | 19.431  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene   | 12.626 | 75   | 46374    | 17.903  | ug/l   | 97       |
| 78) 4-Chlorotoluene           | 13.106 | 91   | 369514   | 19.165  | ug/l   | 98       |
| 79) tert-butylbenzene         | 13.326 | 119  | 405445   | 19.333  | ug/l   | 100      |
| 80) 1,2,4-Trimethylbenzene    | 13.503 | 105  | 570606   | 23.959  | ug/l   | 100      |
| 81) sec-Butylbenzene          | 13.503 | 105  | 570606   | 18.979  | ug/l   | 99       |
| 82) p-Isopropyltoluene        | 13.619 | 119  | 449462   | 18.048  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 13.619 | 146  | 229039   | 18.748  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 13.696 | 146  | 217999   | 18.757  | ug/l   | 99       |
| 85) n-Butylbenzene            | 13.946 | 91   | 366418   | 17.886  | ug/l   | 98       |
| 86) Hexachloroethane          | 14.214 | 117  | 87256    | 18.616  | ug/l   | 97       |
| 87) 1,2-Dichlorobenzene       | 13.989 | 146  | 223687   | 19.803  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.605 | 75   | 31427    | 21.438  | ug/l   | 98       |
| 89) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 94494    | 17.028  | ug/l   | 99       |
| 90) Hexachlorobutadiene       | 15.373 | 225  | 55409    | 20.032  | ug/l   | 99       |
| 91) Naphthalene               | 15.509 | 128  | 266461   | 17.011  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 15.705 | 180  | 96948    | 18.222  | ug/l   | 100      |

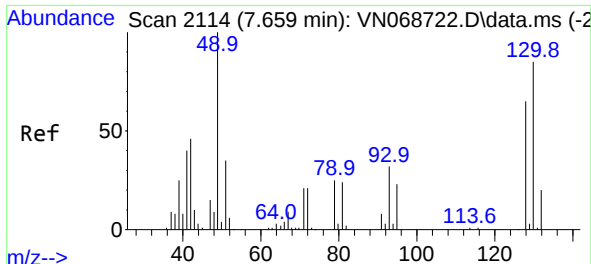
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Sample : VN1005WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 Client Sample Id :  
 VN1005WBS01

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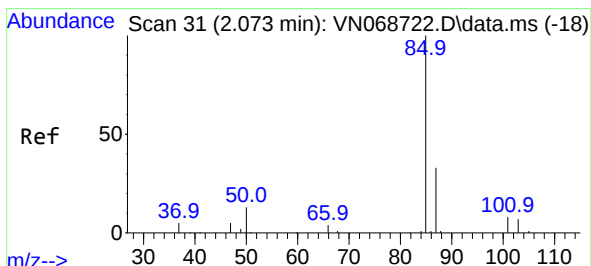
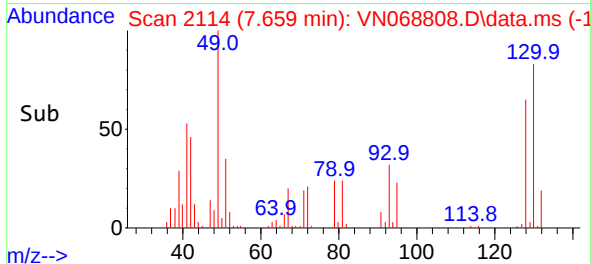
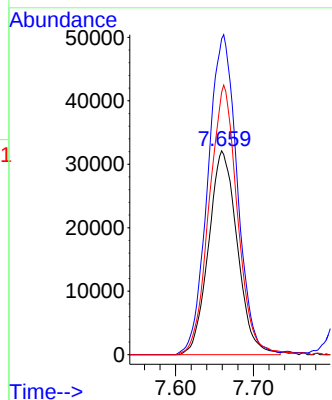
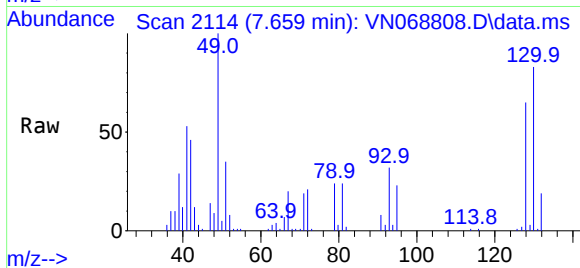




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.659 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

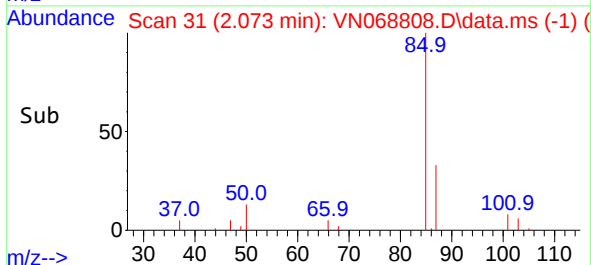
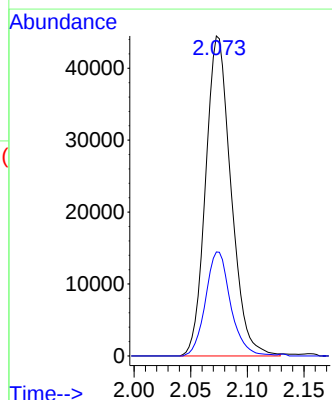
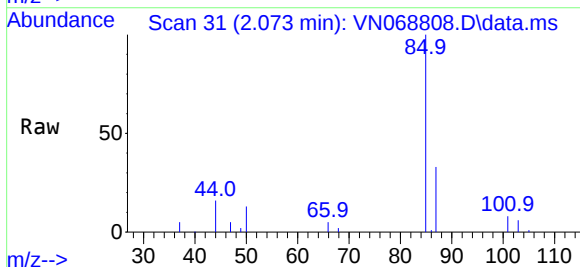
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1005WBS01

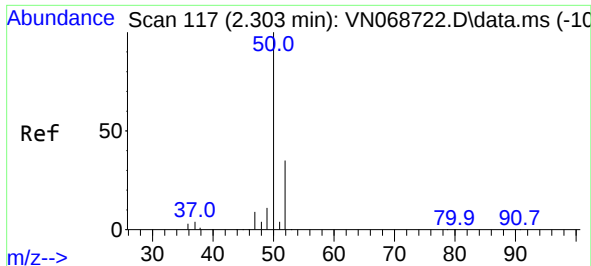
Tgt Ion:128 Resp: 82145  
Ion Ratio Lower Upper  
128 100  
49 160.7 0.0 392.3  
130 129.5 0.0 320.2



#2  
Dichlorodifluoromethane  
Concen: 19.048 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 85 Resp: 69390  
Ion Ratio Lower Upper  
85 100  
87 32.5 16.6 49.7

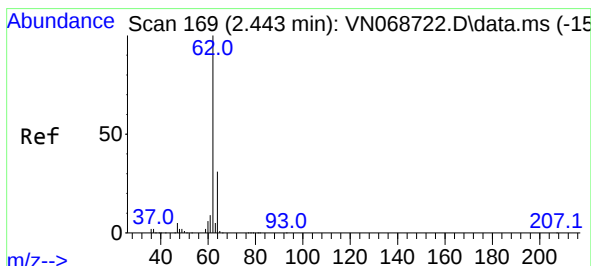
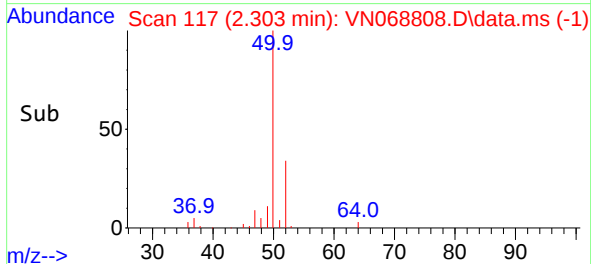
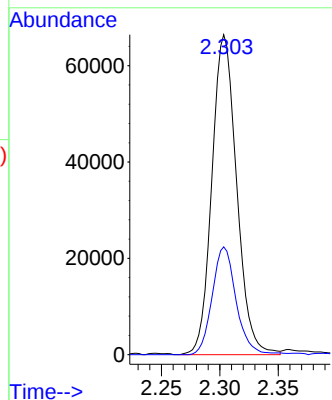
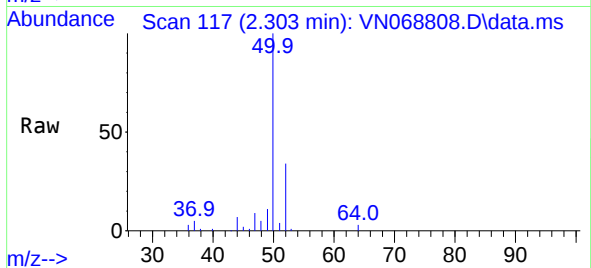




#3  
Chloromethane  
Concen: 21.005 ug/l  
RT: 2.303 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

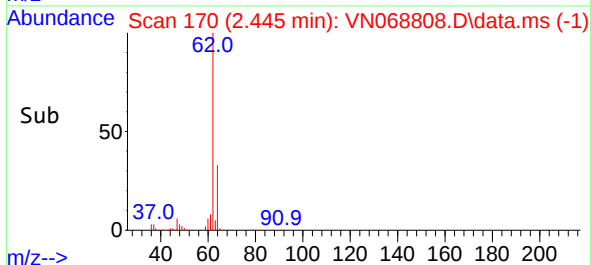
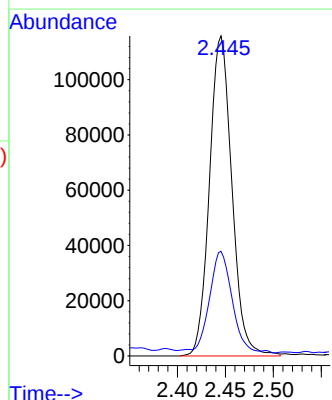
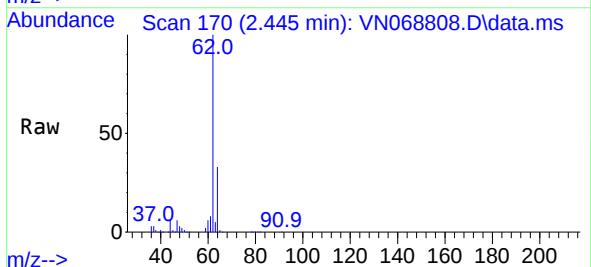
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1005WBS01

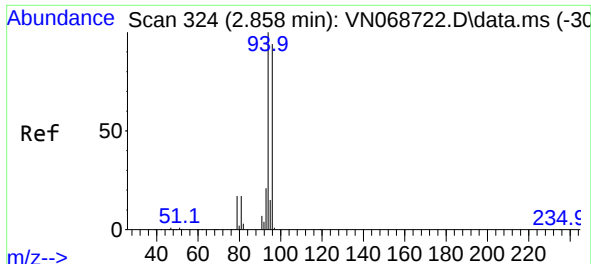
Tgt Ion: 50 Resp: 97928  
Ion Ratio Lower Upper  
50 100  
52 33.7 27.8 41.6



#4  
Vinyl Chloride  
Concen: 20.741 ug/l  
RT: 2.445 min Scan# 170  
Delta R.T. 0.002 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 62 Resp: 188507  
Ion Ratio Lower Upper  
62 100  
64 31.5 25.1 37.7

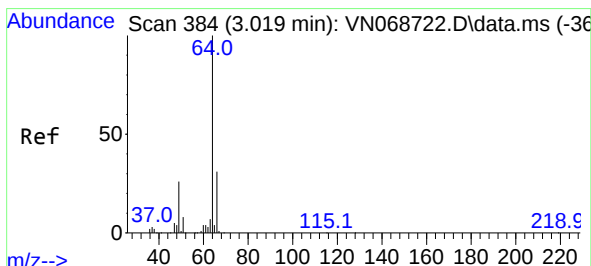
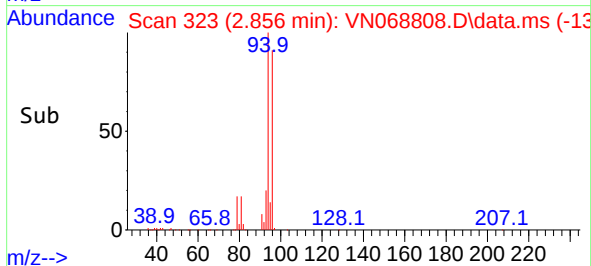
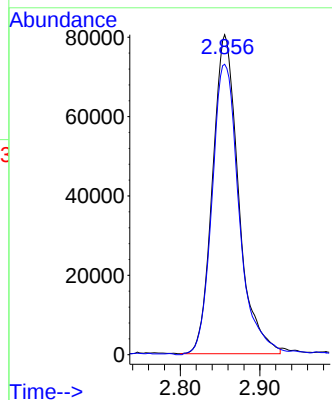
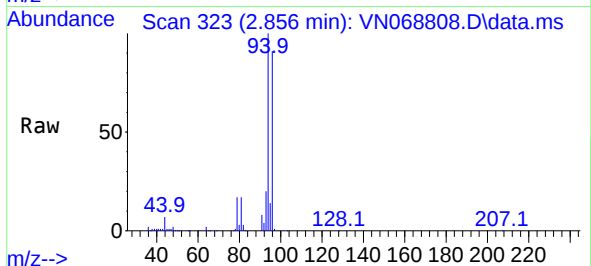




#5  
Bromomethane  
Concen: 20.740 ug/l  
RT: 2.856 min Scan# 323  
Delta R.T. -0.002 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

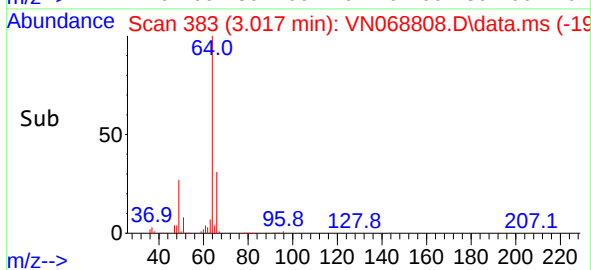
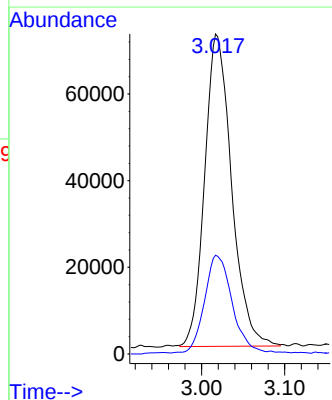
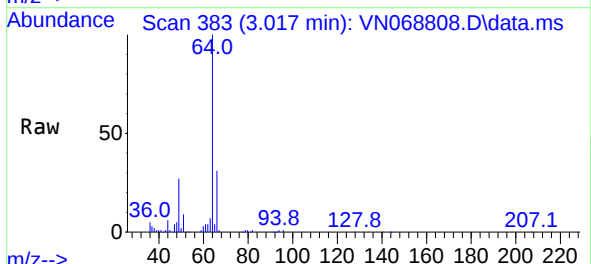
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

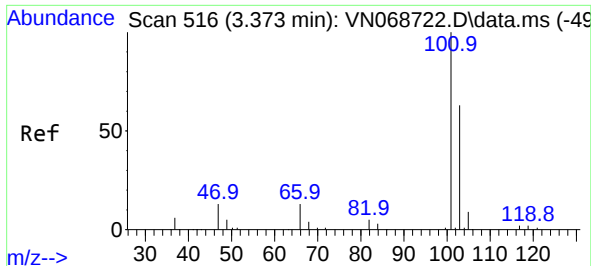
Tgt Ion: 94 Resp: 182973  
Ion Ratio Lower Upper  
94 100  
96 91.0 75.2 112.8



#6  
Chloroethane  
Concen: 21.969 ug/l  
RT: 3.017 min Scan# 383  
Delta R.T. -0.002 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 64 Resp: 162308  
Ion Ratio Lower Upper  
64 100  
66 31.1 24.6 36.8

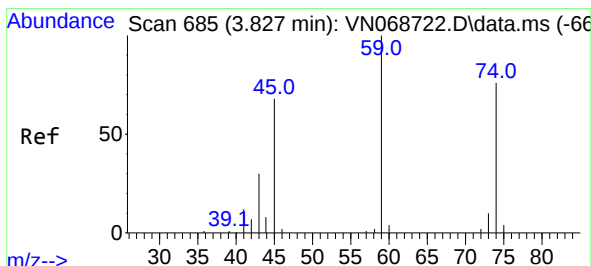
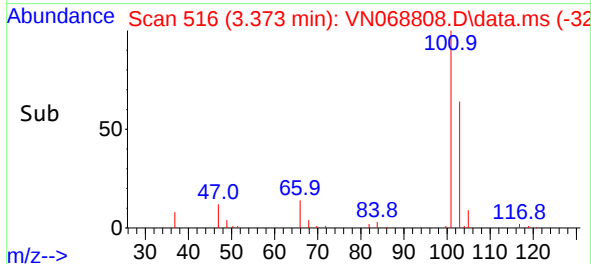
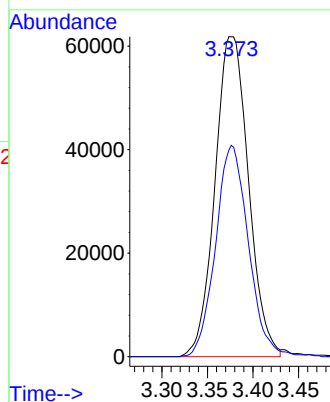
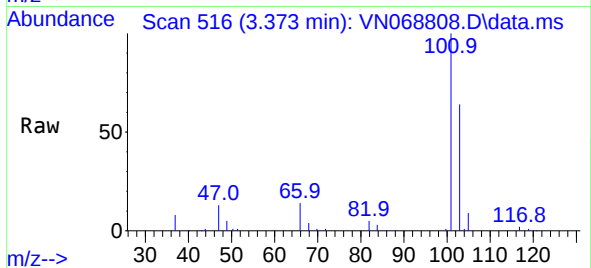




#7  
Trichlorofluoromethane  
Concen: 20.883 ug/l  
RT: 3.373 min Scan# 516  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

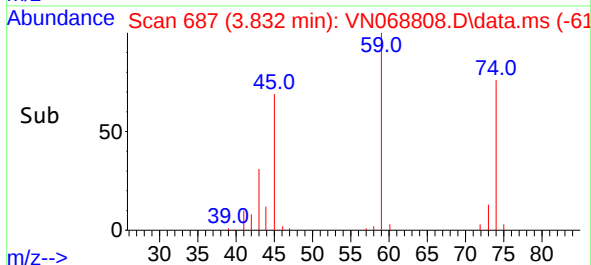
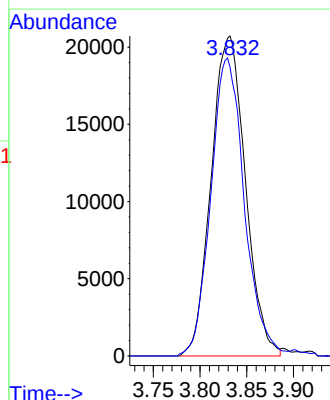
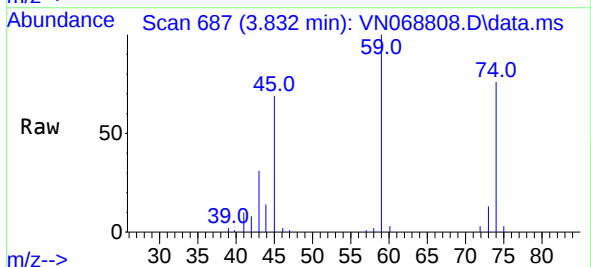
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

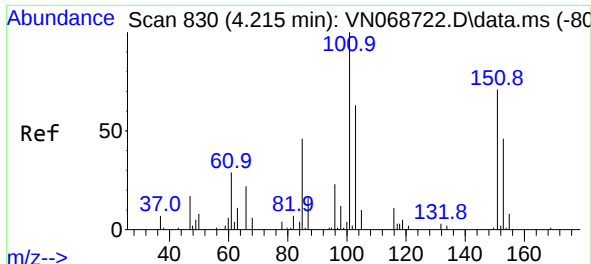
Tgt Ion:101 Resp: 158331  
Ion Ratio Lower Upper  
101 100  
103 64.5 50.1 75.1



#8  
Diethyl Ether  
Concen: 20.324 ug/l  
RT: 3.832 min Scan# 687  
Delta R.T. 0.005 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 74 Resp: 52766  
Ion Ratio Lower Upper  
74 100  
45 91.1 17.6 158.8

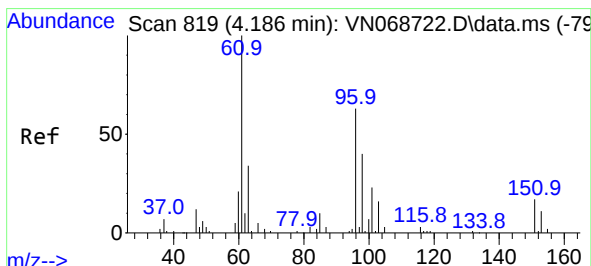
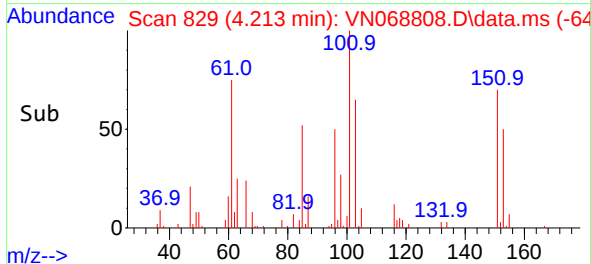
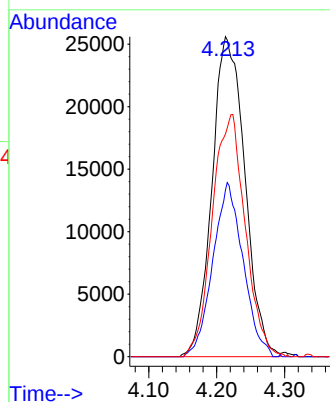
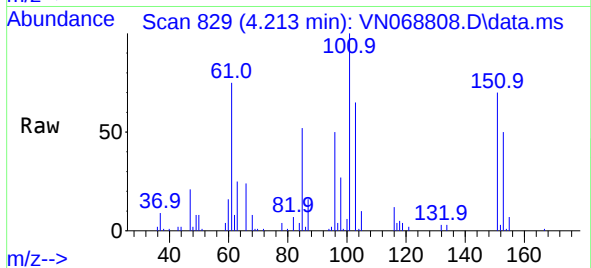




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.536 ug/l  
RT: 4.213 min Scan# 829  
Delta R.T. -0.002 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

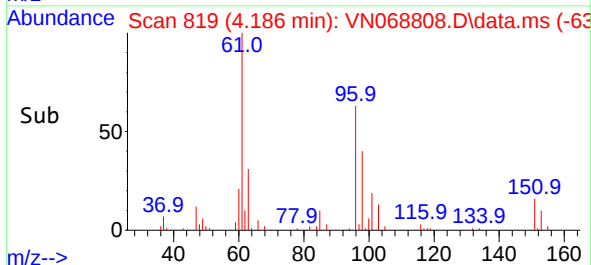
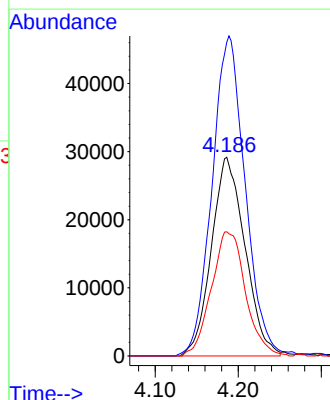
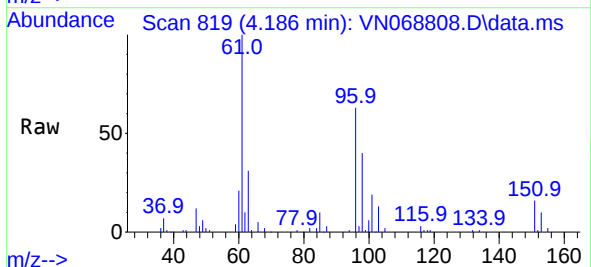
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

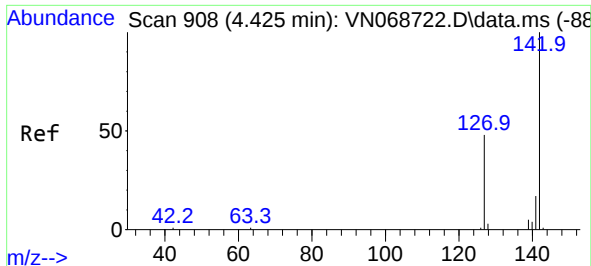
Tgt Ion:101 Resp: 85752  
Ion Ratio Lower Upper  
101 100  
85 50.2 0.0 94.0  
151 76.0 0.0 74.6#



#10  
1,1-Dichloroethene  
Concen: 20.214 ug/l  
RT: 4.186 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 96 Resp: 81880  
Ion Ratio Lower Upper  
96 100  
61 156.8 126.2 189.4  
98 62.5 50.9 76.3

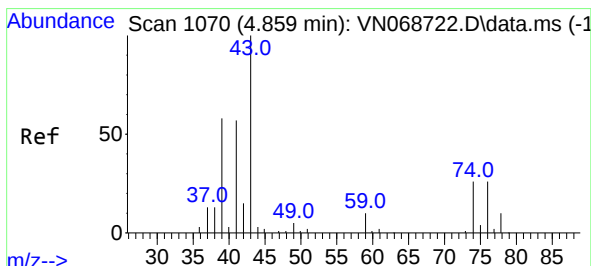
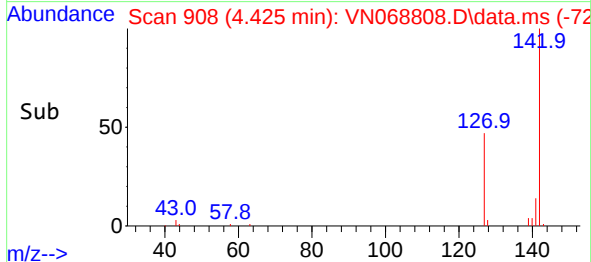
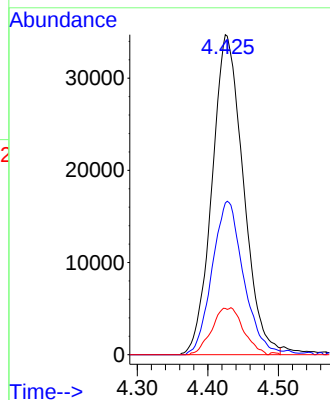
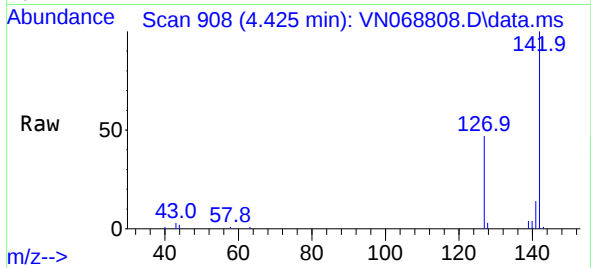




#11  
Methyl Iodide  
Concen: 21.869 ug/l  
RT: 4.425 min Scan# 908  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

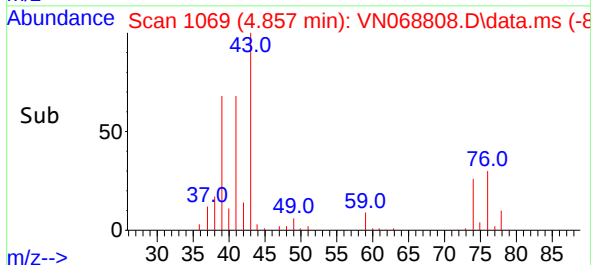
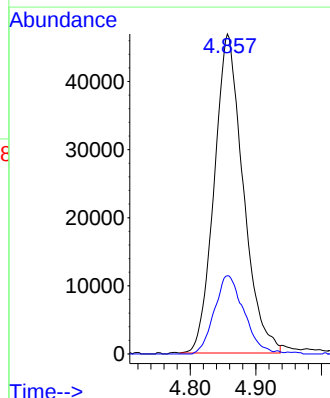
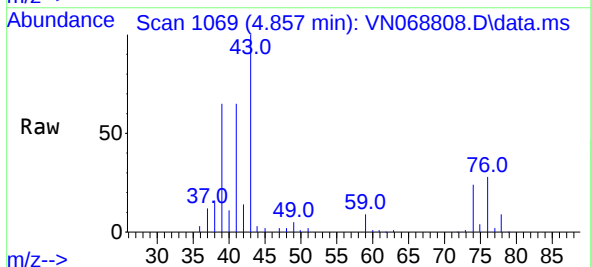
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

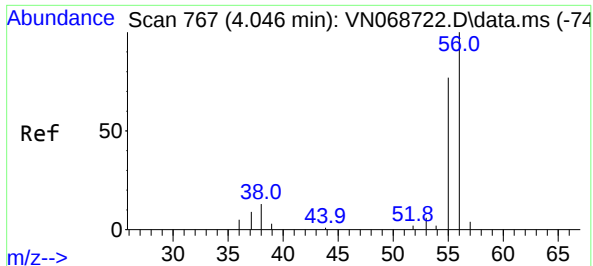
Tgt Ion:142 Resp: 106846  
Ion Ratio Lower Upper  
142 100  
127 47.3 24.0 72.0  
141 14.6 8.4 25.2



#12  
Methyl Acetate  
Concen: 20.523 ug/l  
RT: 4.857 min Scan# 1069  
Delta R.T. -0.002 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 43 Resp: 143574  
Ion Ratio Lower Upper  
43 100  
74 24.4 20.8 31.2

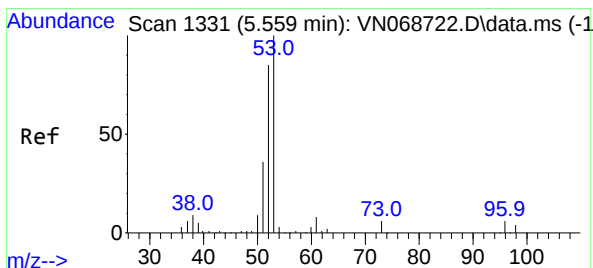
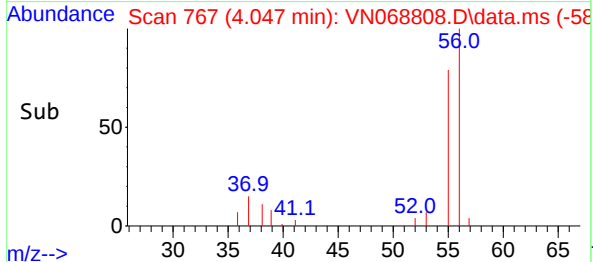
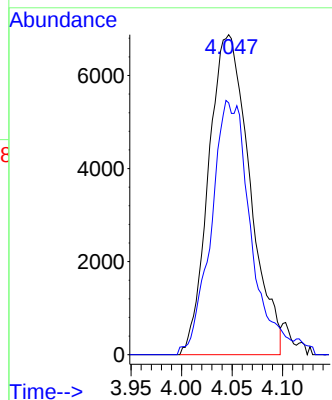
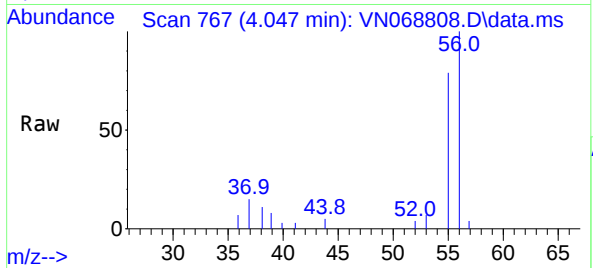




#13  
Acrolein  
Concen: 66.278 ug/l  
RT: 4.047 min Scan# 767  
Delta R.T. 0.001 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

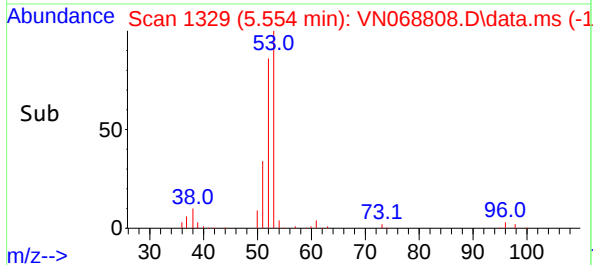
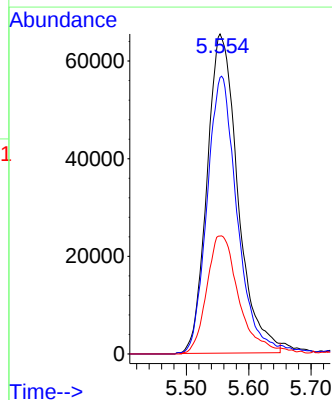
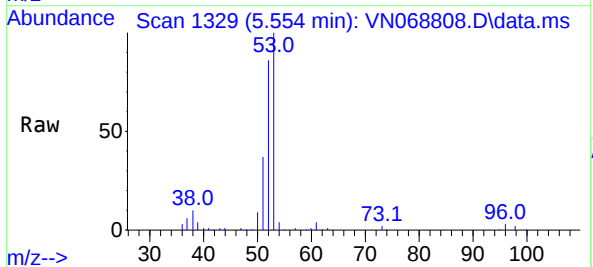
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

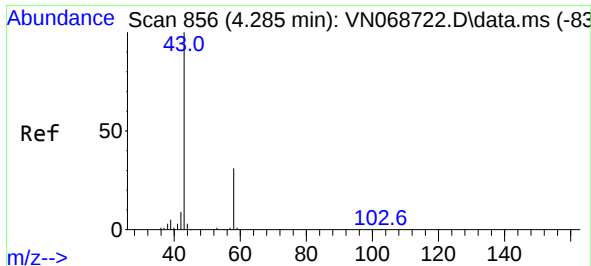
Tgt Ion: 56 Resp: 19465  
Ion Ratio Lower Upper  
56 100  
55 37.3 57.6 86.4#



#14  
Acrylonitrile  
Concen: 99.863 ug/l  
RT: 5.554 min Scan# 1329  
Delta R.T. -0.005 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 53 Resp: 224358  
Ion Ratio Lower Upper  
53 100  
52 84.7 41.8 125.4  
51 38.3 19.0 57.0

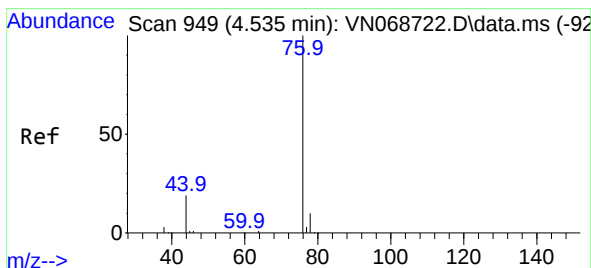
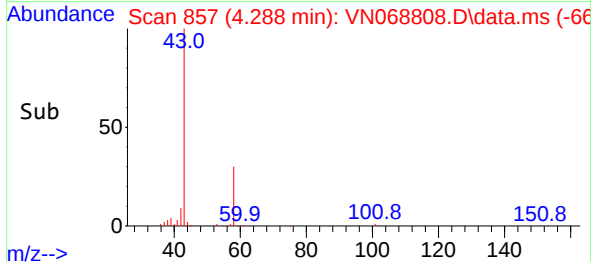
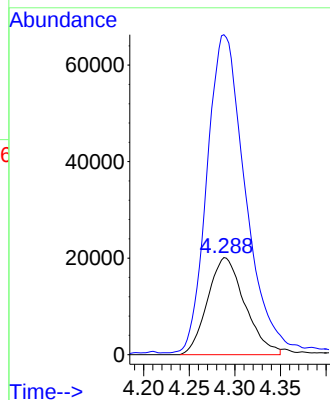
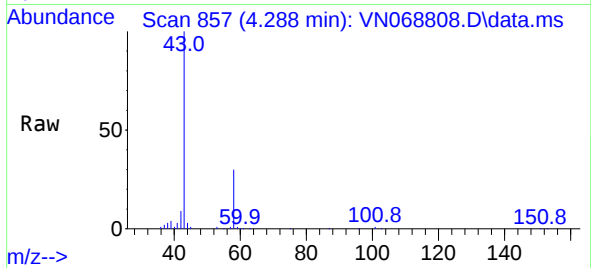




#15  
Acetone  
Concen: 91.943 ug/l  
RT: 4.288 min Scan# 857  
Delta R.T. 0.003 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

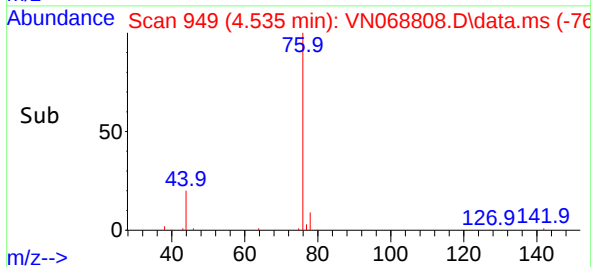
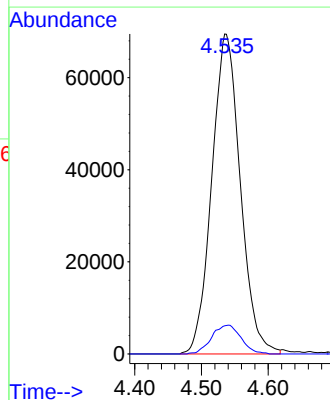
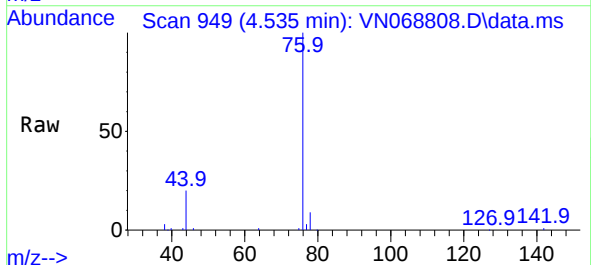
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

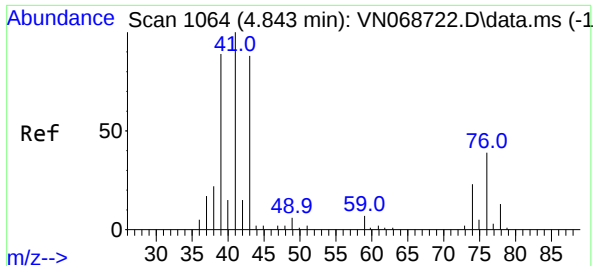
Tgt Ion: 58 Resp: 57220  
Ion Ratio Lower Upper  
58 100  
43 325.5 256.6 384.8



#16  
Carbon Disulfide  
Concen: 18.818 ug/l  
RT: 4.535 min Scan# 949  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 76 Resp: 206417  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.8 11.8



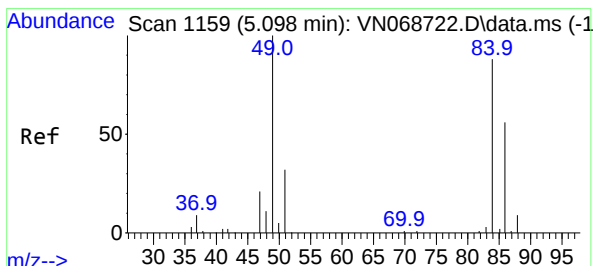
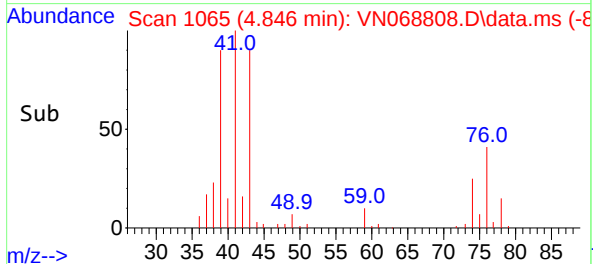
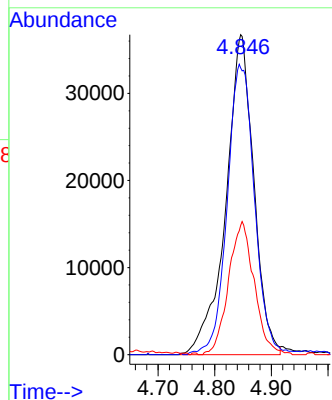
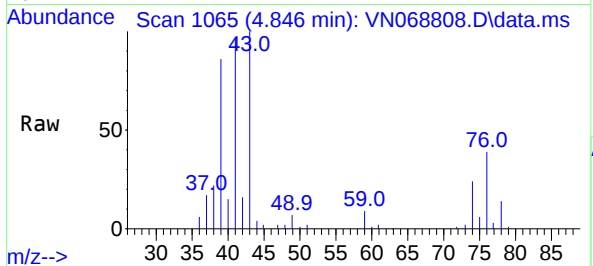


#17

Allyl chloride  
Concen: 19.593 ug/l  
RT: 4.846 min Scan# 1065  
Delta R.T. 0.003 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Instrument :  
MSVOA\_N  
ClientSampled :  
VN1005WBS01

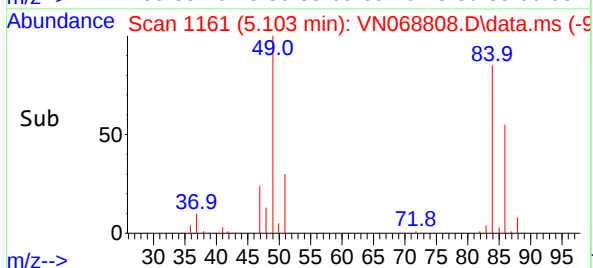
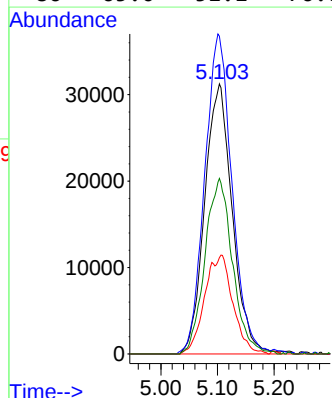
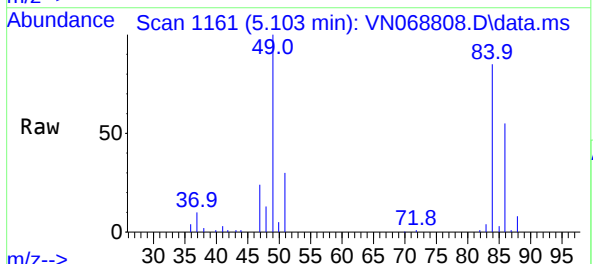
Tgt Ion: 41 Resp: 126104  
Ion Ratio Lower Upper  
41 100  
39 89.2 44.6 134.0  
76 40.0 19.6 58.7

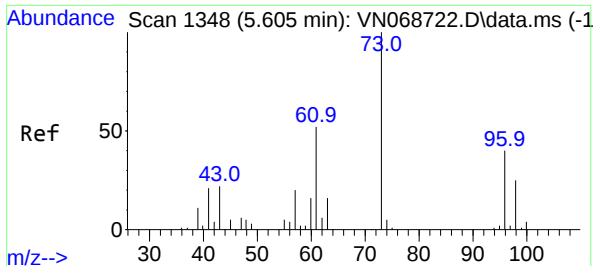


#18

Methylene Chloride  
Concen: 20.781 ug/l  
RT: 5.103 min Scan# 1161  
Delta R.T. 0.005 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 84 Resp: 105731  
Ion Ratio Lower Upper  
84 100  
49 116.7 91.4 137.0  
51 35.6 29.4 44.0  
86 65.0 51.1 76.7



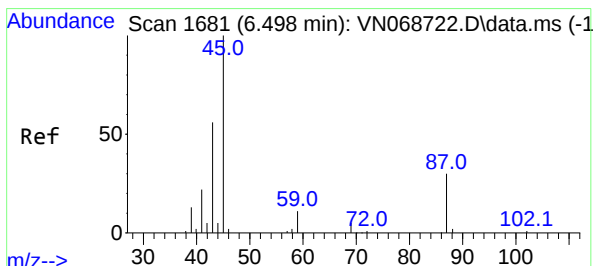
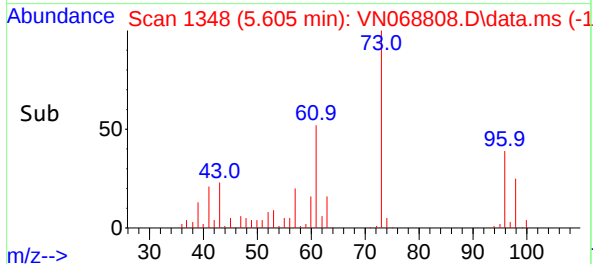
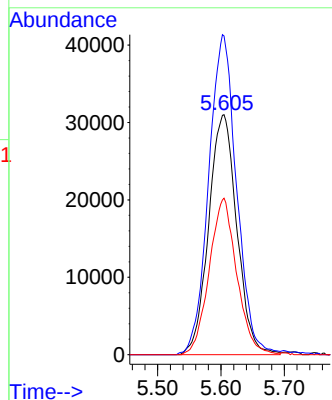
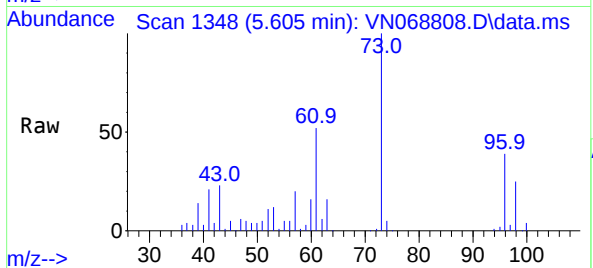


#19

trans-1,2-Dichloroethene  
Concen: 20.042 ug/l  
RT: 5.605 min Scan# 1348  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

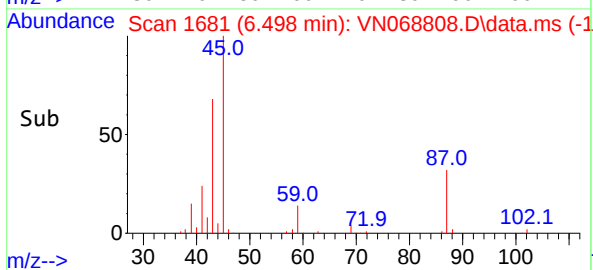
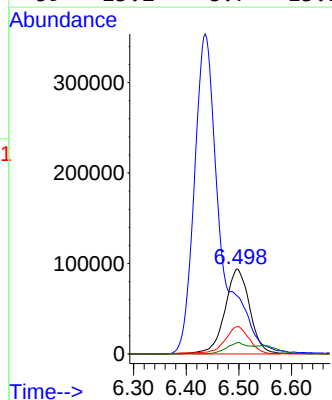
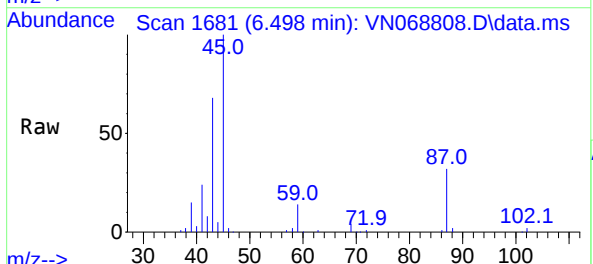
Tgt Ion: 96 Resp: 95955  
Ion Ratio Lower Upper  
96 100  
61 131.9 102.8 154.2  
98 65.2 49.3 73.9

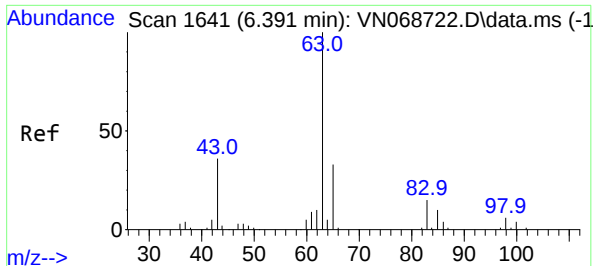


#20

Diisopropyl ether  
Concen: 20.534 ug/l  
RT: 6.498 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 45 Resp: 307292  
Ion Ratio Lower Upper  
45 100  
43 63.9 51.0 76.4  
87 32.0 25.0 37.4  
59 13.2 8.7 13.1#



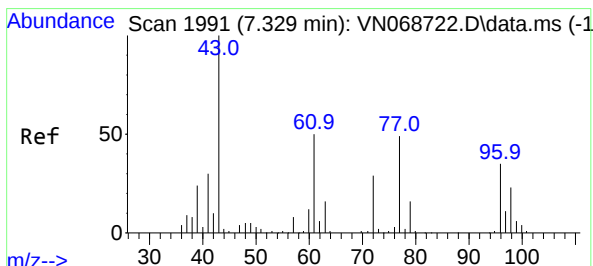
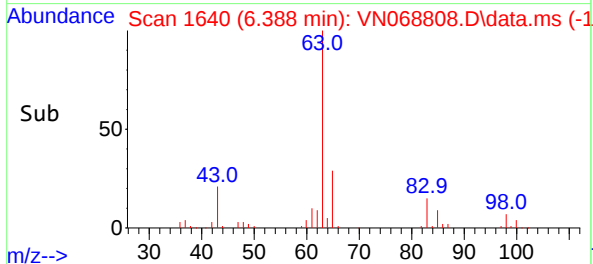
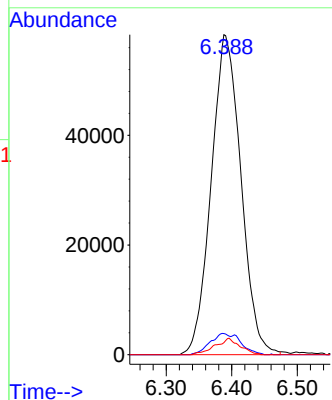
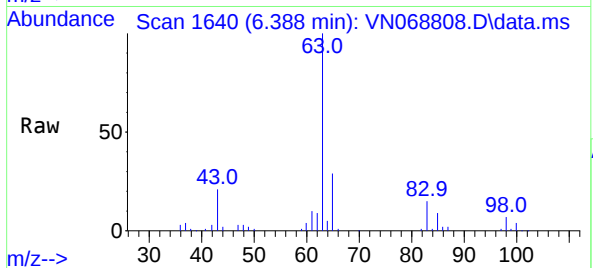


#21

1,1-Dichloroethane  
Concen: 21.110 ug/l  
RT: 6.388 min Scan# 1640  
Delta R.T. -0.003 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

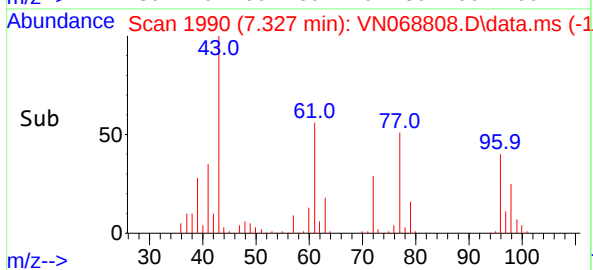
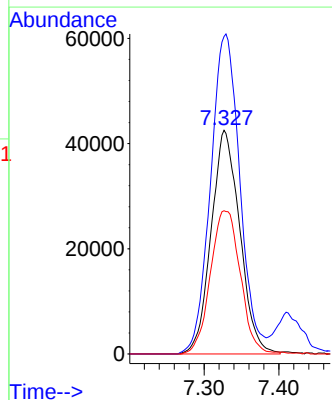
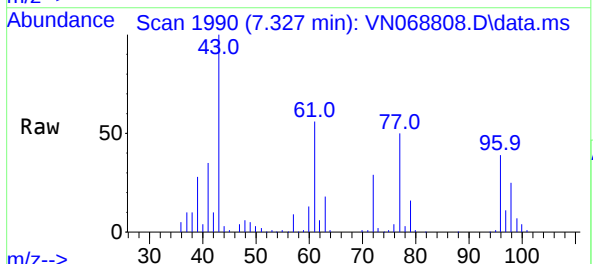
Tgt Ion: 63 Resp: 183396  
Ion Ratio Lower Upper  
63 100  
98 6.6 3.2 9.6  
100 3.8 2.1 6.2

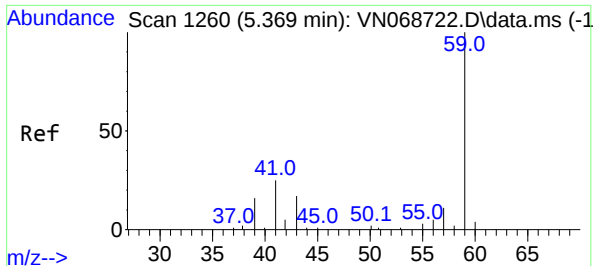


#22

cis-1,2-Dichloroethene  
Concen: 19.438 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. -0.002 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 96 Resp: 113239  
Ion Ratio Lower Upper  
96 100  
61 146.0 115.7 173.5  
98 66.7 51.6 77.4

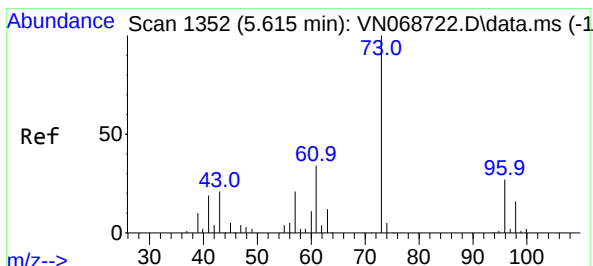
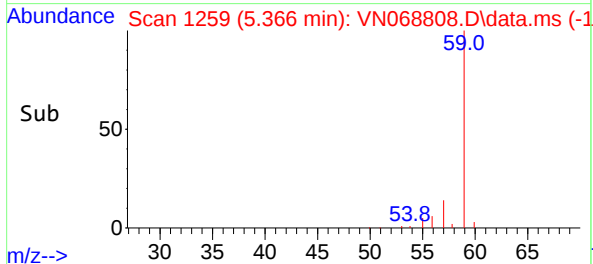
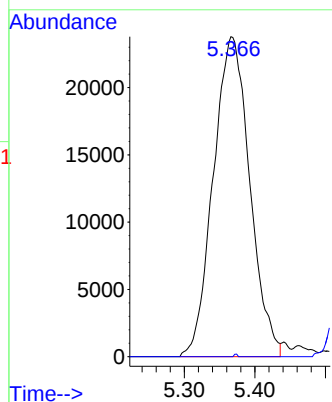
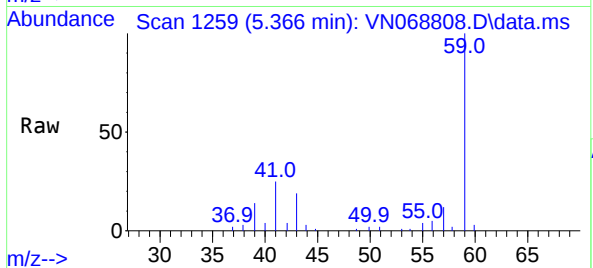




#23  
tert-Butyl Alcohol  
Concen: 102.567 ug/l  
RT: 5.366 min Scan# 1259  
Delta R.T. -0.003 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

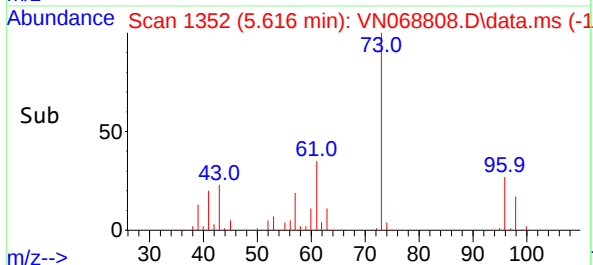
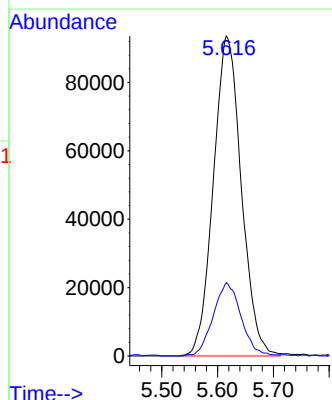
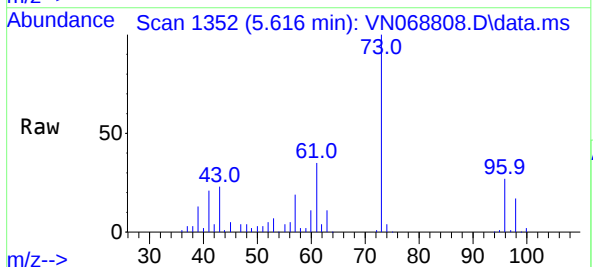
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

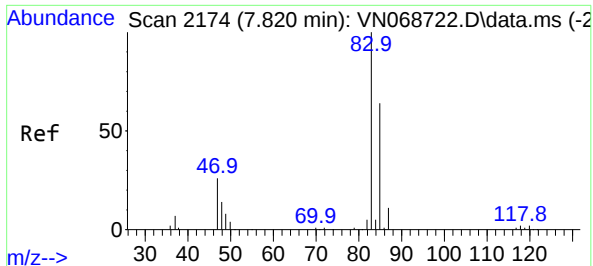
Tgt Ion: 59 Resp: 85500  
Ion Ratio Lower Upper  
59 100  
52 0.1 0.0 0.0#



#24  
Methyl tert-Butyl Ether  
Concen: 20.463 ug/l  
RT: 5.616 min Scan# 1352  
Delta R.T. 0.001 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 73 Resp: 325593  
Ion Ratio Lower Upper  
73 100  
43 21.9 18.1 27.1



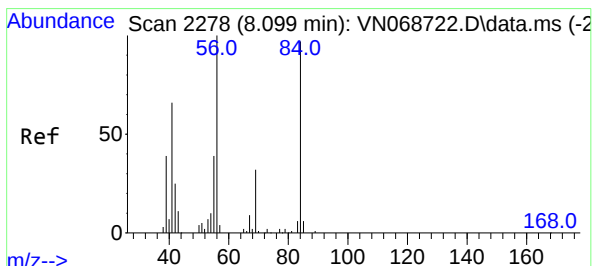
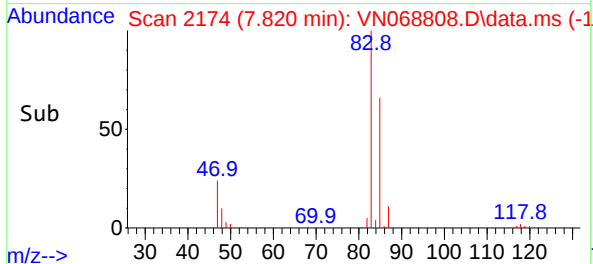
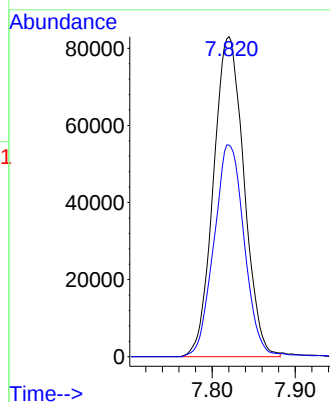
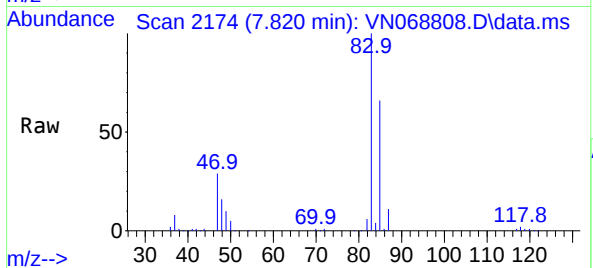


#25

Chloroform  
Concen: 20.657 ug/l  
RT: 7.820 min Scan# 2174  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Instrument :  
MSVOA\_N  
ClientSampled :  
VN1005WBS01

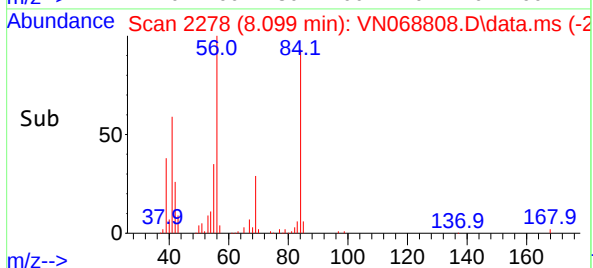
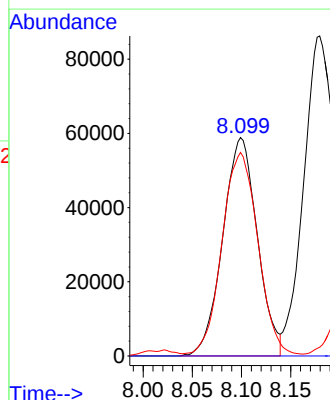
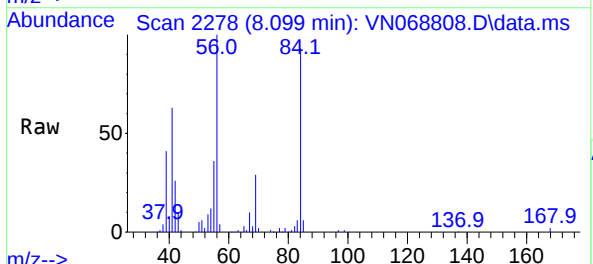
Tgt Ion: 83 Resp: 211590  
Ion Ratio Lower Upper  
83 100  
85 66.2 51.3 76.9

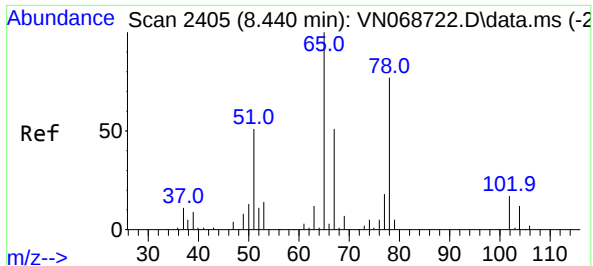


#26

Cyclohexane  
Concen: 19.037 ug/l  
RT: 8.099 min Scan# 2278  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 56 Resp: 143956  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.1 0.1#  
84 97.5 74.6 111.8



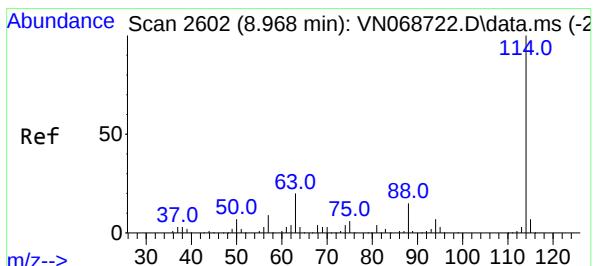
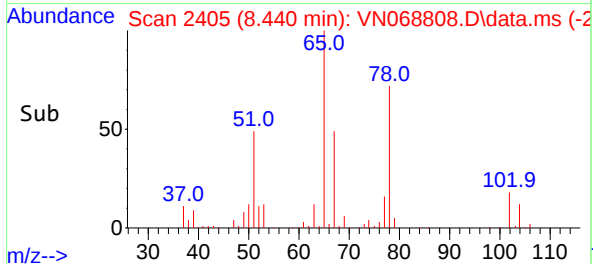
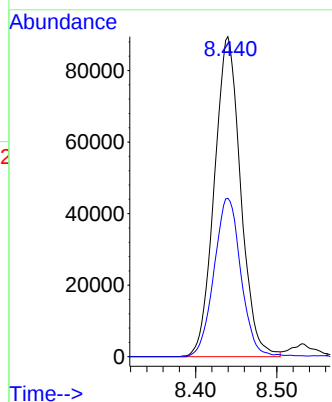
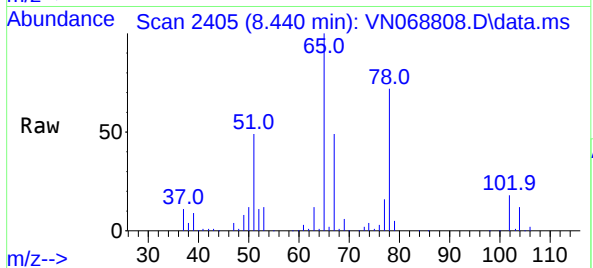


#27

1,2-Dichloroethane-d4  
Concen: 31.832 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

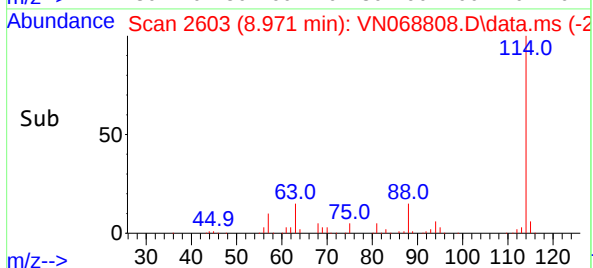
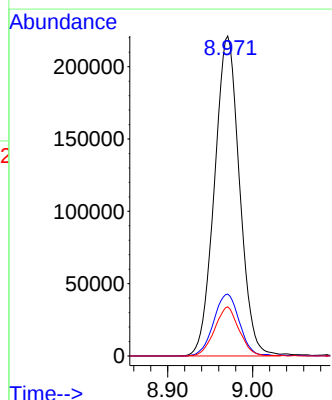
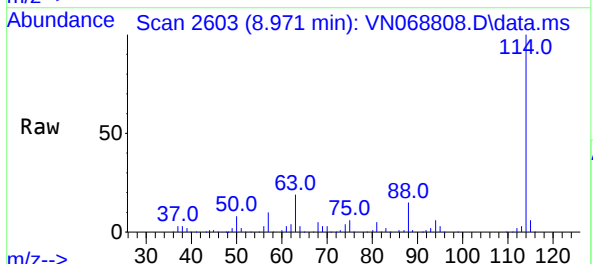
Tgt Ion: 65 Resp: 201552  
Ion Ratio Lower Upper  
65 100  
67 50.3 40.2 60.2

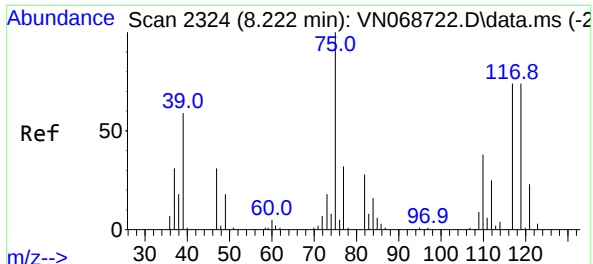


#28

1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 114 Resp: 453523  
Ion Ratio Lower Upper  
114 100  
63 19.8 15.8 23.6  
88 15.0 11.6 17.4

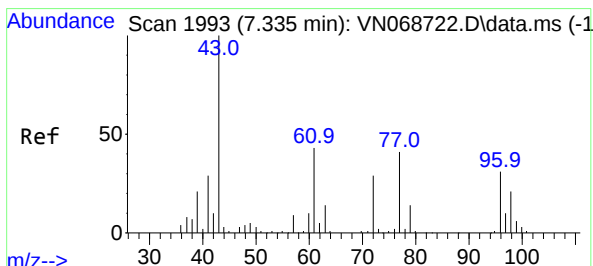
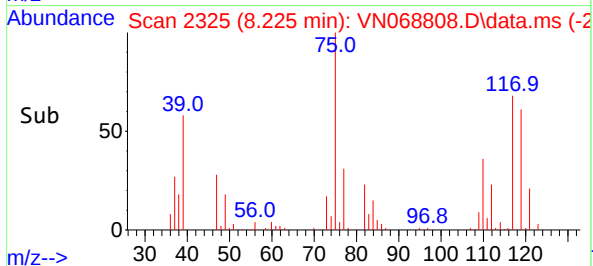
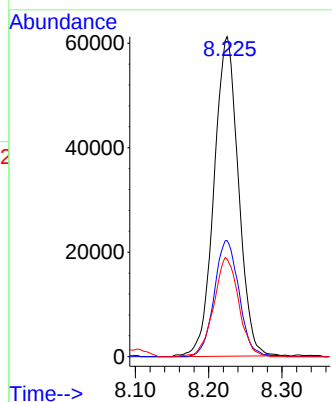
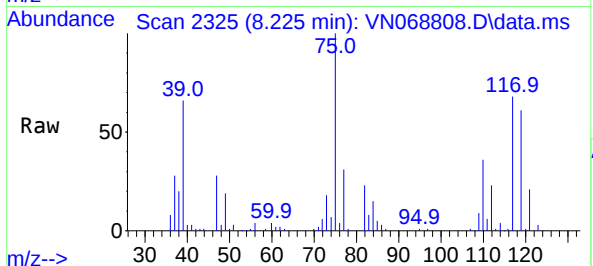




#29  
1,1-Dichloropropene  
Concen: 19.626 ug/l  
RT: 8.225 min Scan# 2325  
Delta R.T. 0.003 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

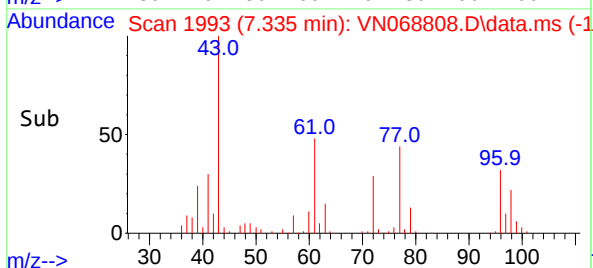
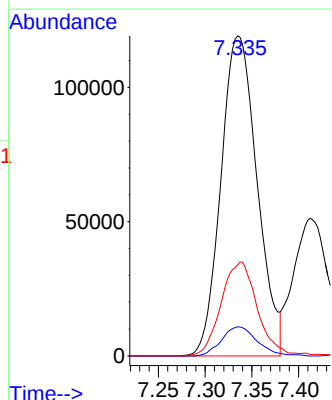
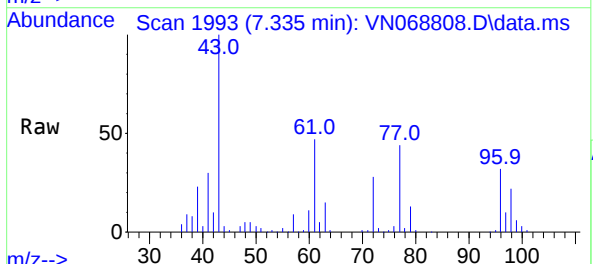
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

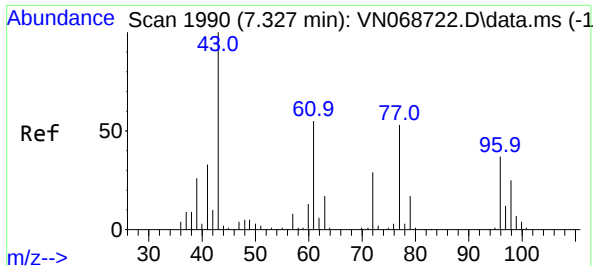
Tgt Ion: 75 Resp: 141442  
Ion Ratio Lower Upper  
75 100  
110 36.9 0.0 74.2  
77 31.8 0.0 63.2



#30  
2-Butanone  
Concen: 99.158 ug/l  
RT: 7.335 min Scan# 1993  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 43 Resp: 320992  
Ion Ratio Lower Upper  
43 100  
57 8.9 6.7 10.1  
72 29.0 23.2 34.8

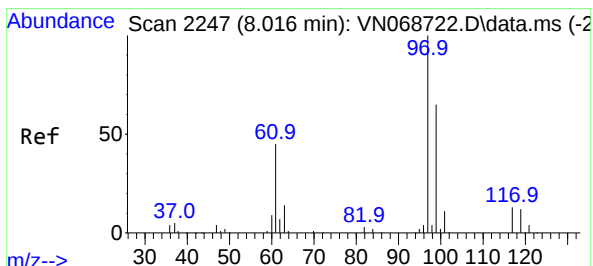
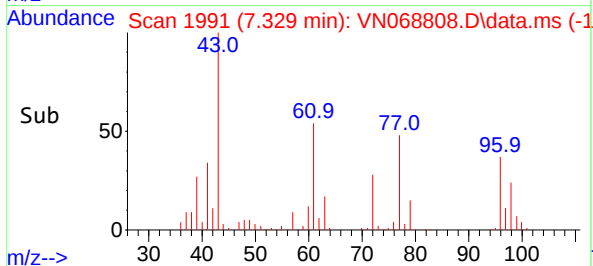
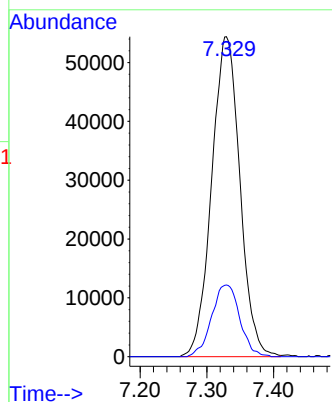
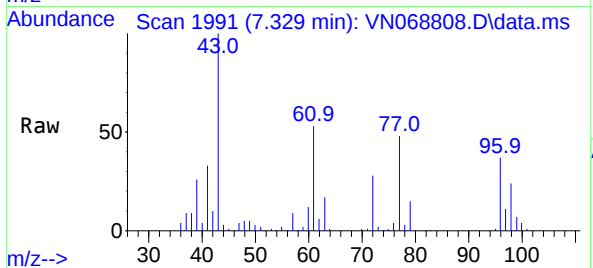




#31  
2,2-Dichloropropane  
Concen: 19.311 ug/l  
RT: 7.329 min Scan# 1991  
Delta R.T. 0.002 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

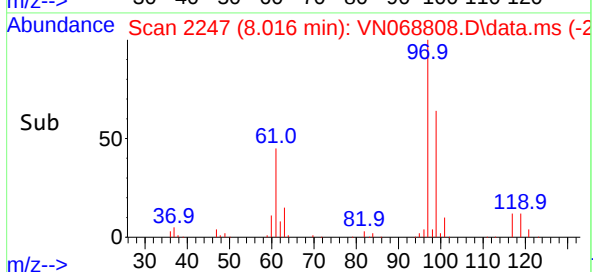
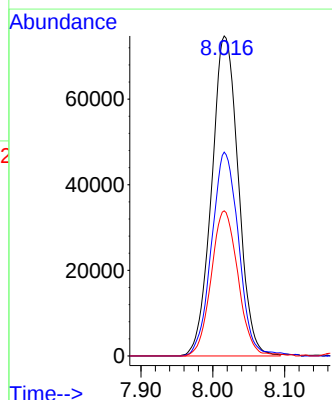
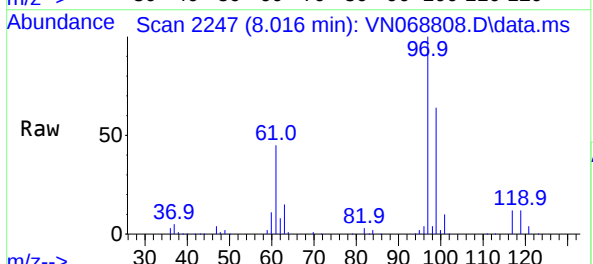
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

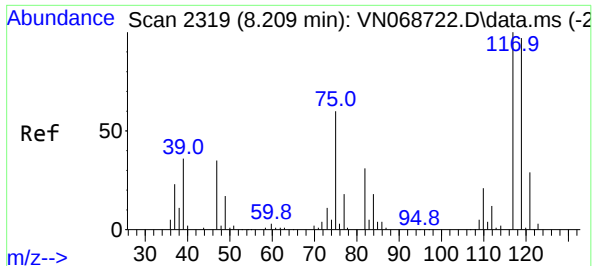
Tgt Ion: 77 Resp: 159930  
Ion Ratio Lower Upper  
77 100  
97 22.3 18.3 27.5



#32  
1,1,1-Trichloroethane  
Concen: 20.869 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 97 Resp: 192750  
Ion Ratio Lower Upper  
97 100  
99 64.5 50.4 75.6  
61 45.2 34.6 51.8

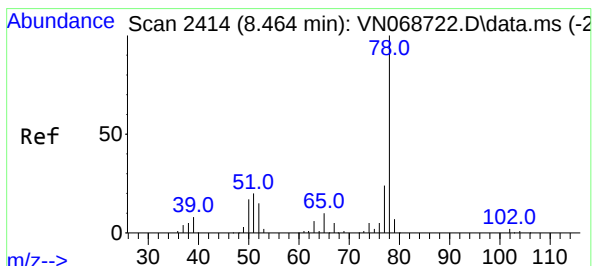
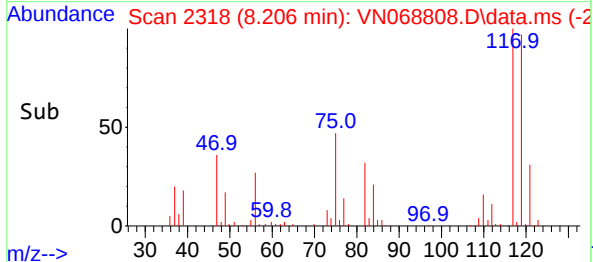
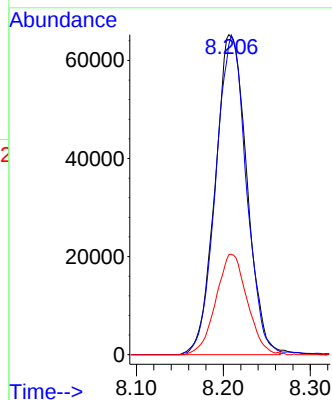
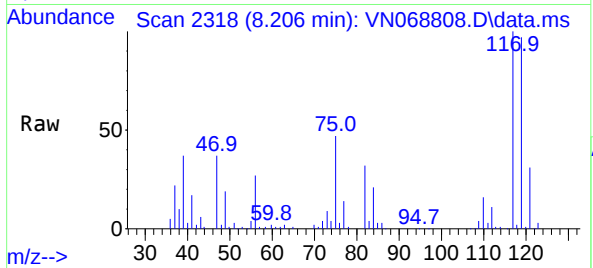




#33  
Carbon Tetrachloride  
Concen: 20.034 ug/l  
RT: 8.206 min Scan# 2318  
Delta R.T. -0.003 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

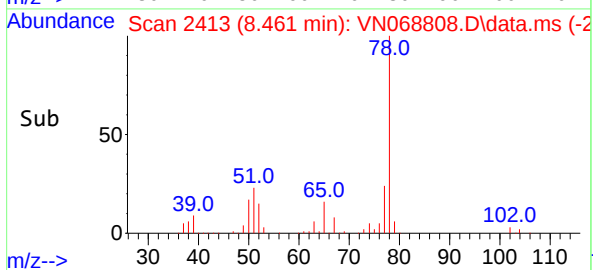
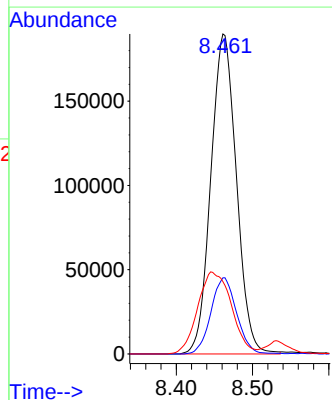
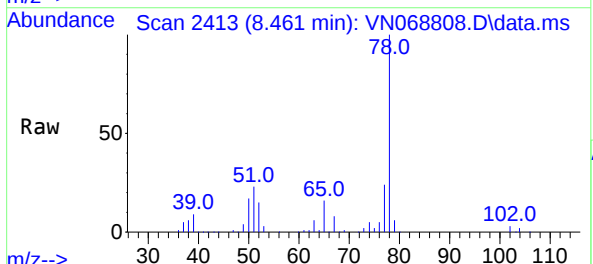
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

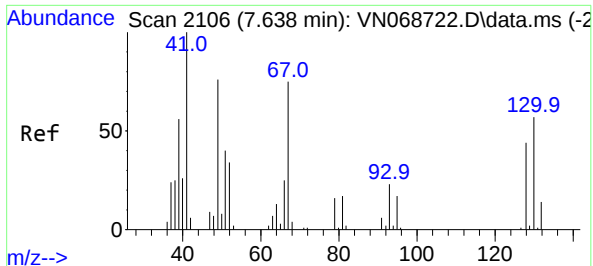
Tgt Ion:117 Resp: 164473  
Ion Ratio Lower Upper  
117 100  
119 96.9 77.5 116.3  
121 31.3 23.5 35.3



#34  
Benzene  
Concen: 20.660 ug/l  
RT: 8.461 min Scan# 2413  
Delta R.T. -0.003 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 78 Resp: 441718  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.1 28.7  
51 21.2 16.0 24.0

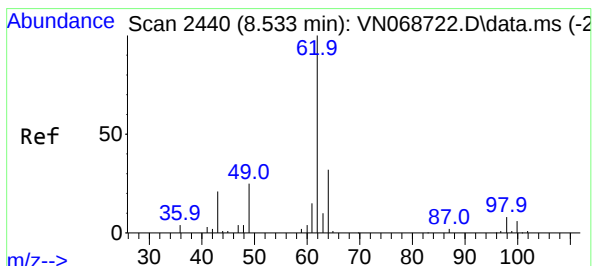
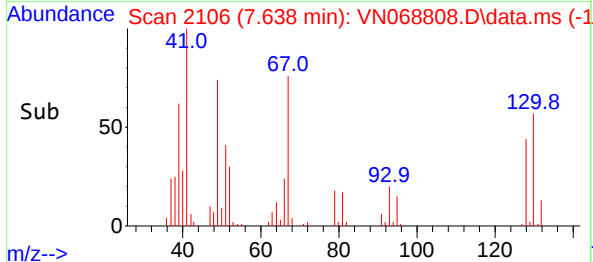
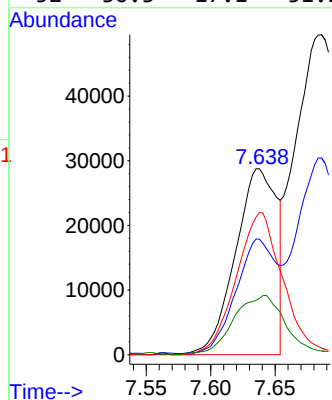
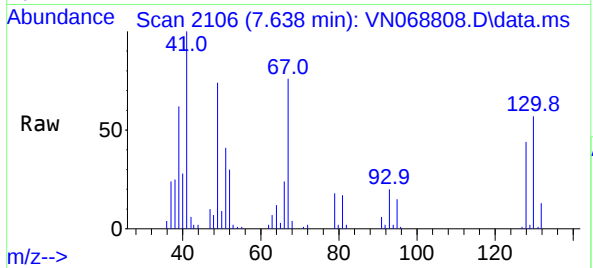




#35  
Methacrylonitrile  
Concen: 19.812 ug/l  
RT: 7.638 min Scan# 2106  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

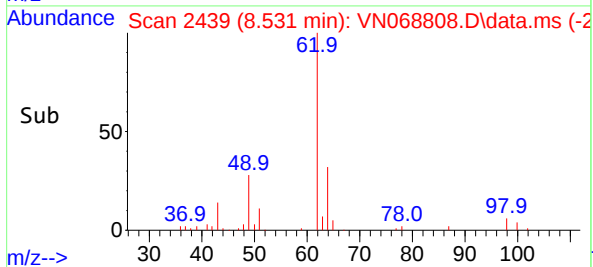
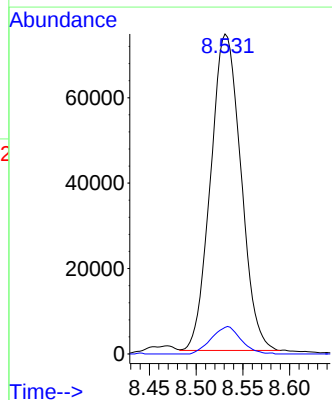
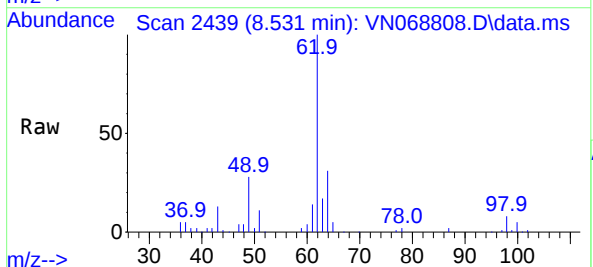
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

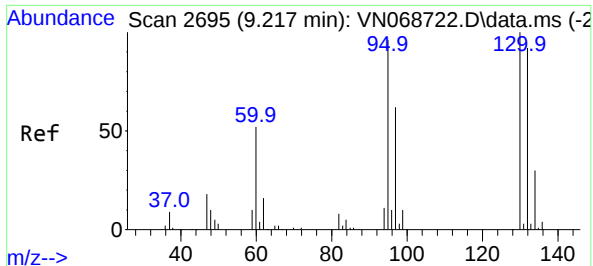
Tgt Ion: 41 Resp: 64266  
Ion Ratio Lower Upper  
41 100  
39 61.5 28.0 83.9  
67 76.4 37.7 113.1  
52 30.3 17.1 51.2



#36  
1,2-Dichloroethane  
Concen: 20.929 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. -0.002 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 62 Resp: 167407  
Ion Ratio Lower Upper  
62 100  
98 8.4 6.6 10.0





#37

Trichloroethene

Concen: 19.866 ug/l

RT: 9.220 min Scan# 2696

Delta R.T. 0.003 min

Lab File: VN068808.D

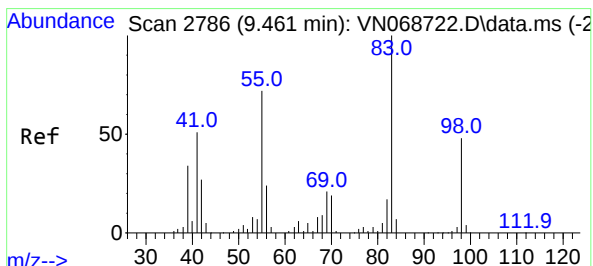
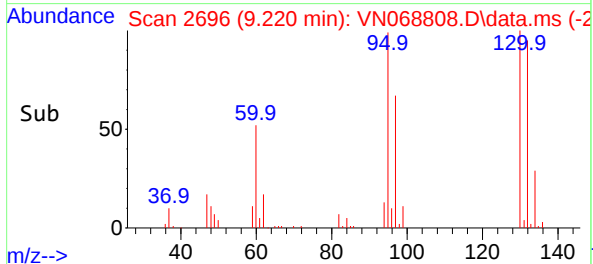
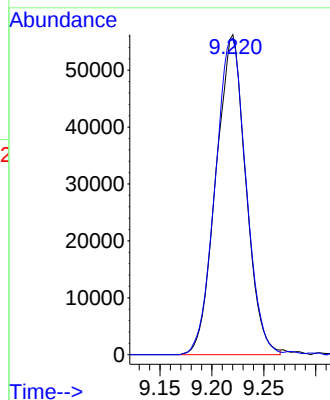
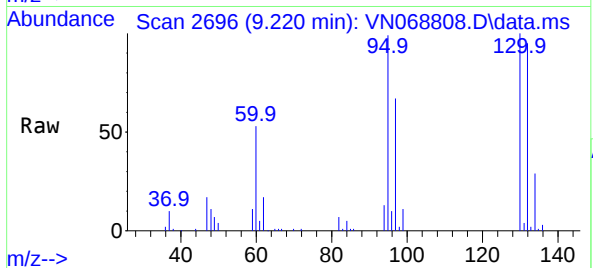
Acq: 5 Oct 2021 17:18

Tgt Ion:130 Resp: 112307

Ion Ratio Lower Upper

130 100

95 98.8 76.6 115.0



#38

Methylcyclohexane

Concen: 17.827 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN068808.D

Acq: 5 Oct 2021 17:18

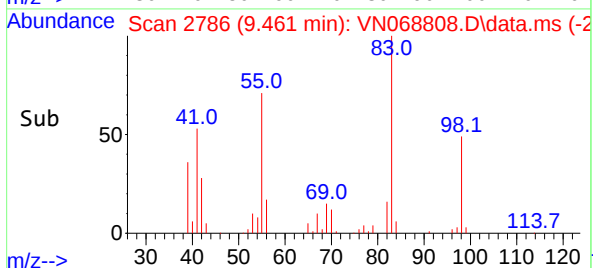
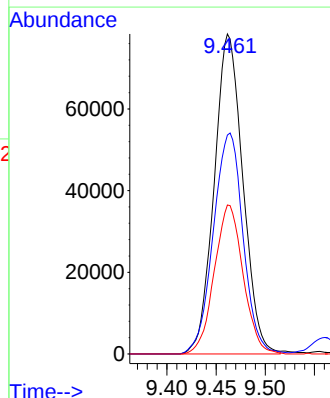
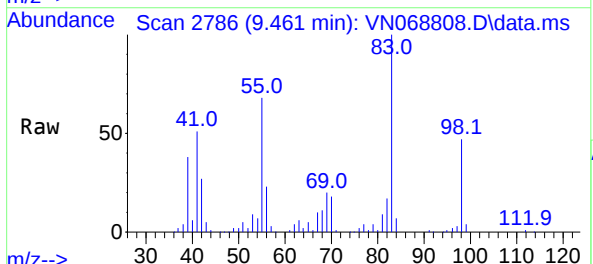
Tgt Ion: 83 Resp: 159046

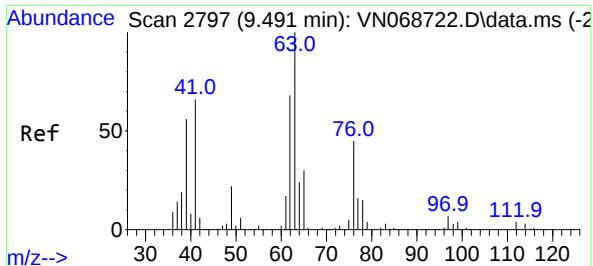
Ion Ratio Lower Upper

83 100

55 71.7 35.1 105.3

98 46.8 23.4 70.2



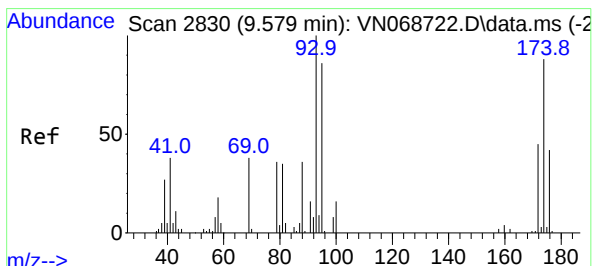
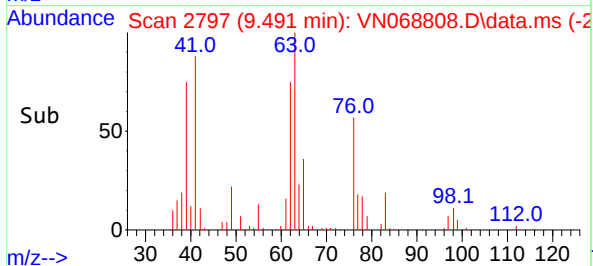
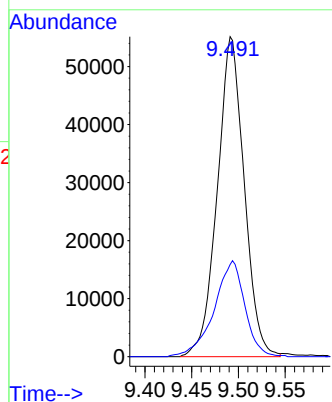
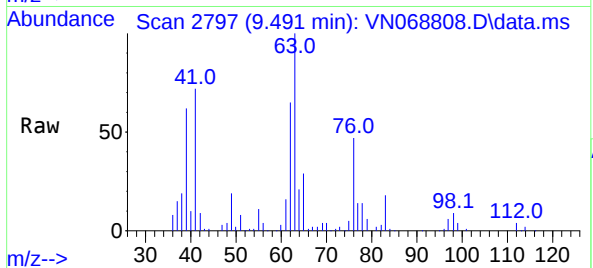


#39

1,2-Dichloropropane  
Concen: 20.869 ug/l  
RT: 9.491 min Scan# 2797  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Instrument :  
MSVOA\_N  
ClientSampled :  
VN1005WBS01

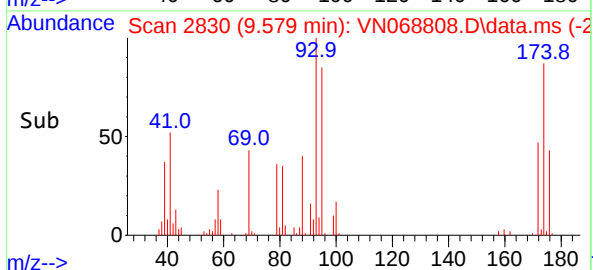
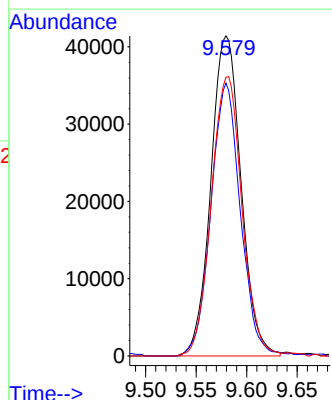
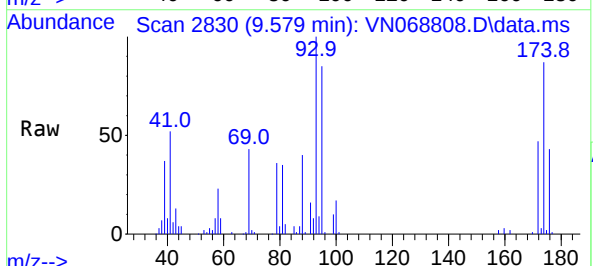
Tgt Ion: 63 Resp: 110526  
Ion Ratio Lower Upper  
63 100  
65 28.4 24.2 36.4

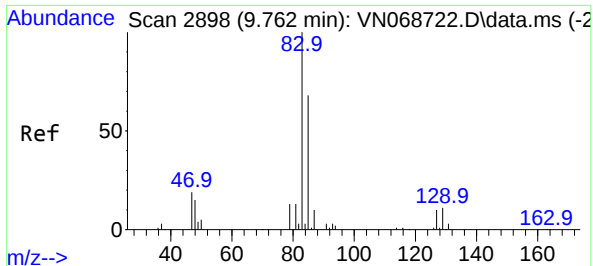


#40

Dibromomethane  
Concen: 20.597 ug/l  
RT: 9.579 min Scan# 2830  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 93 Resp: 86104  
Ion Ratio Lower Upper  
93 100  
95 82.7 0.0 168.8  
174 88.5 0.0 173.6

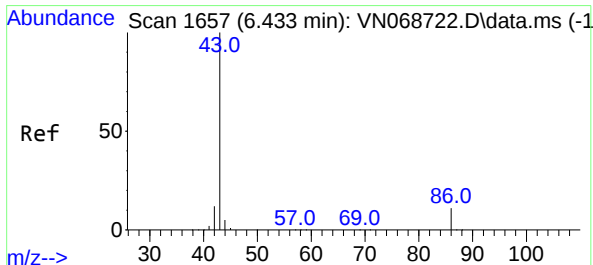
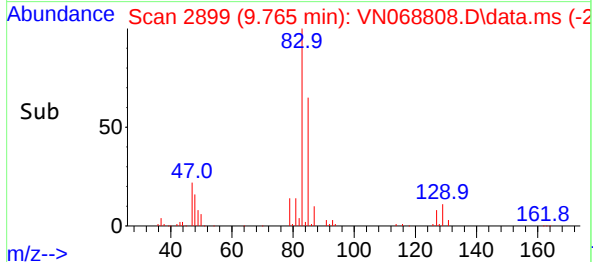
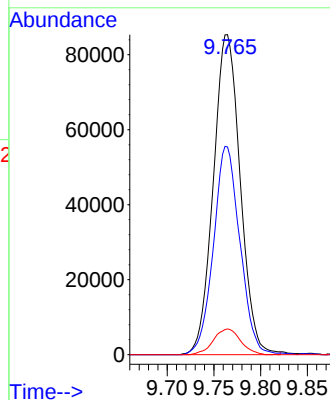
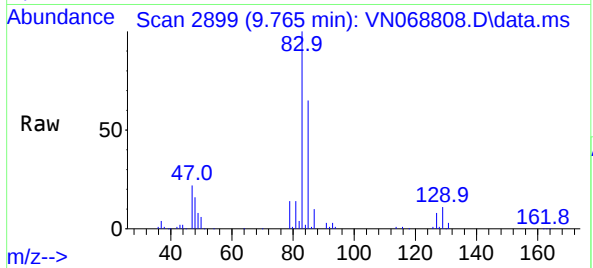




#41  
Bromodichloromethane  
Concen: 20.917 ug/l  
RT: 9.765 min Scan# 2899  
Delta R.T. 0.003 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

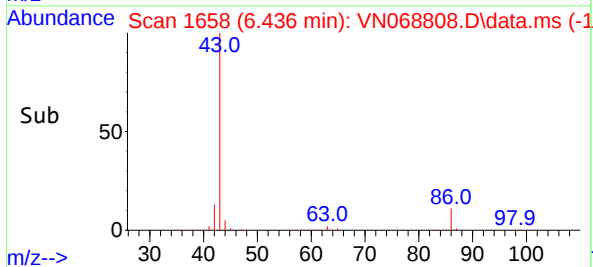
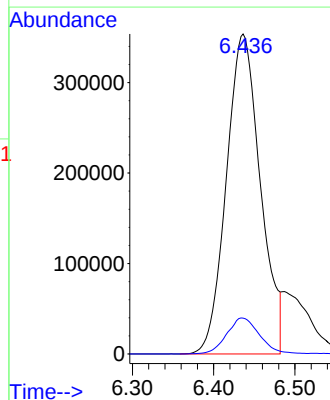
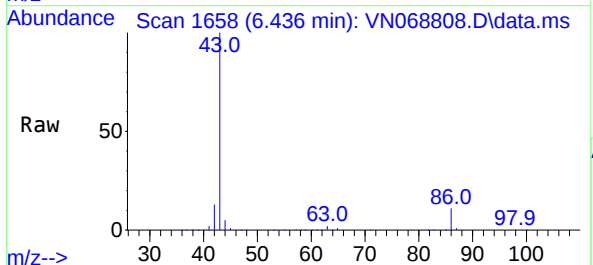
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1005WBS01

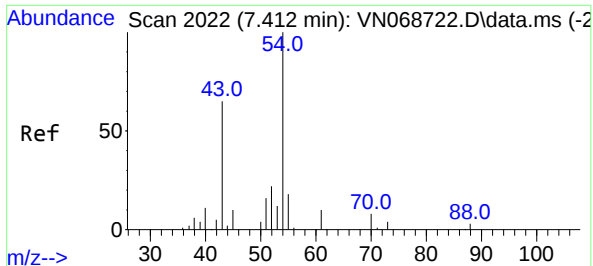
Tgt Ion: 83 Resp: 171398  
Ion Ratio Lower Upper  
83 100  
85 64.9 54.1 81.1  
127 8.0 7.6 11.4



#42  
Vinyl Acetate  
Concen: 85.930 ug/l  
RT: 6.436 min Scan# 1658  
Delta R.T. 0.003 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 43 Resp: 1030043  
Ion Ratio Lower Upper  
43 100  
86 10.9 7.5 11.3





#43

Ethyl Acetate

Concen: 20.533 ug/l

RT: 7.412 min Scan# 2022

Delta R.T. 0.000 min

Lab File: VN068808.D

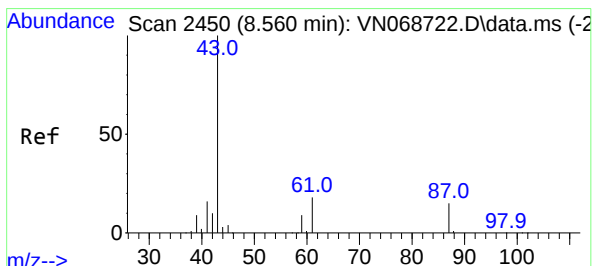
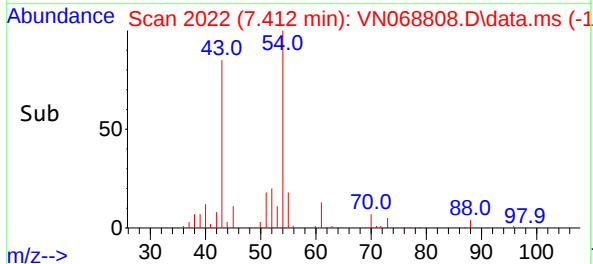
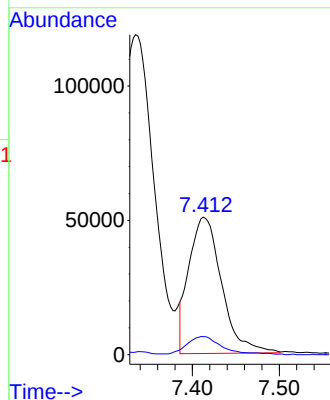
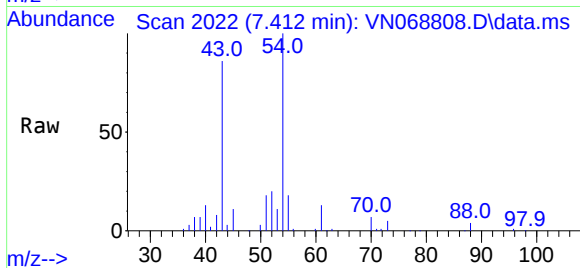
Acq: 5 Oct 2021 17:18

Tgt Ion: 43 Resp: 132869

Ion Ratio Lower Upper

43 100

45 12.5 10.6 16.0



#44

Isopropyl Acetate

Concen: 20.467 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN068808.D

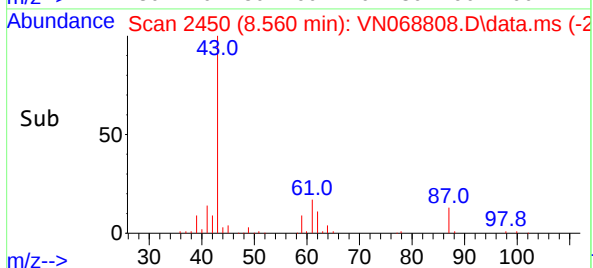
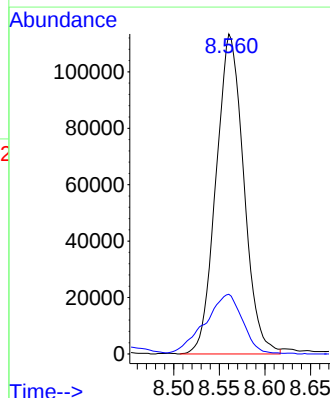
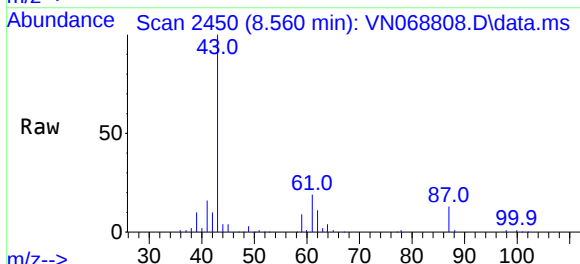
Acq: 5 Oct 2021 17:18

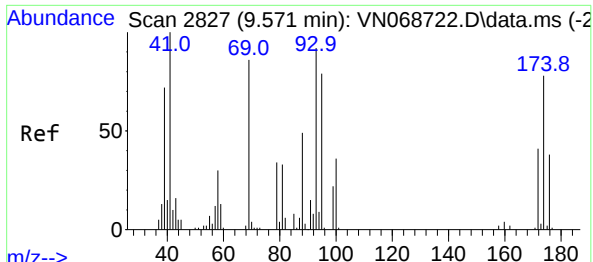
Tgt Ion: 43 Resp: 239882

Ion Ratio Lower Upper

43 100

61 25.0 20.1 30.1

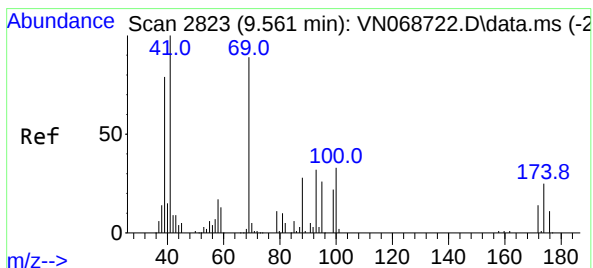
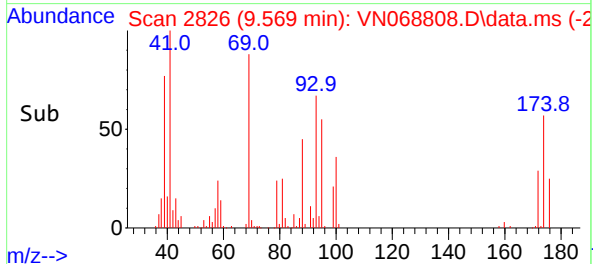
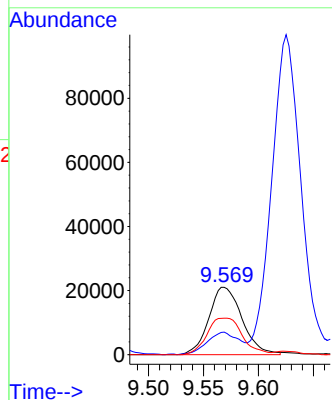
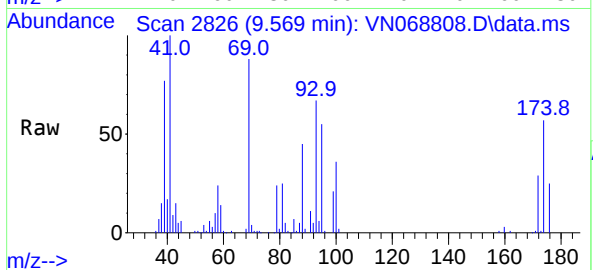




#45  
1,4-Dioxane  
Concen: 466.775 ug/l  
RT: 9.569 min Scan# 2826  
Delta R.T. -0.002 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

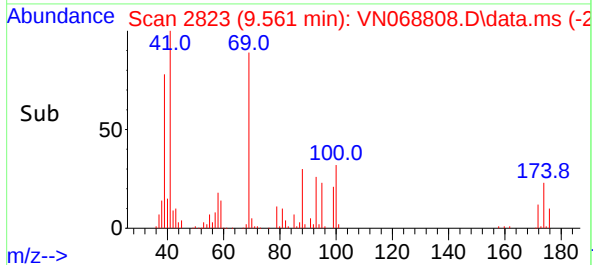
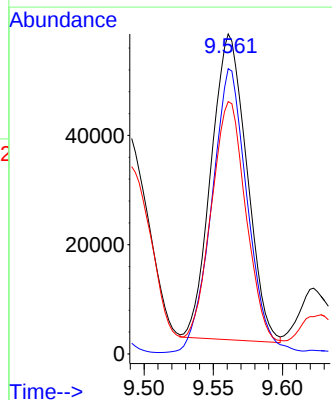
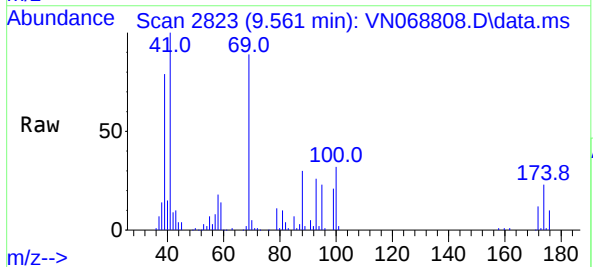
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1005WBS01

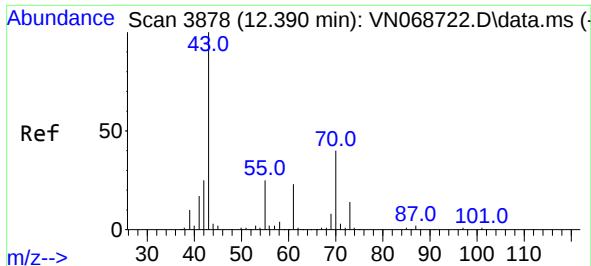
Tgt Ion: 88 Resp: 44294  
Ion Ratio Lower Upper  
88 100  
43 32.6 25.0 37.6  
58 57.4 49.4 74.2



#46  
Methyl methacrylate  
Concen: 19.288 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 41 Resp: 99987  
Ion Ratio Lower Upper  
41 100  
69 92.7 44.4 133.2  
39 78.8 39.9 119.6

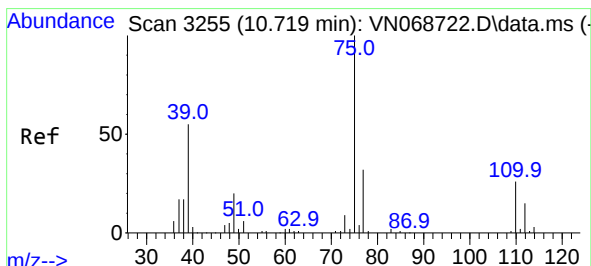
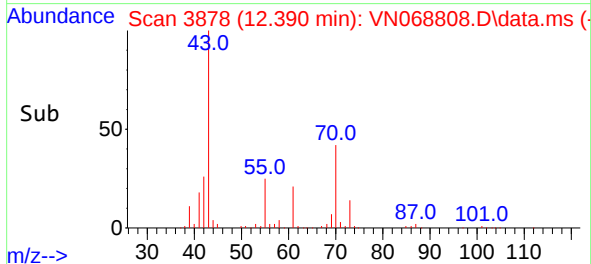
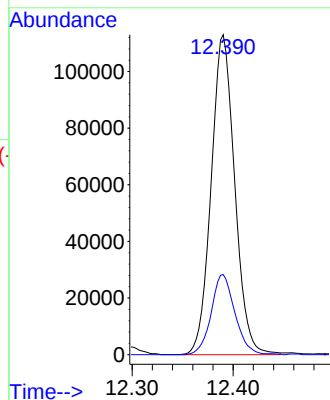
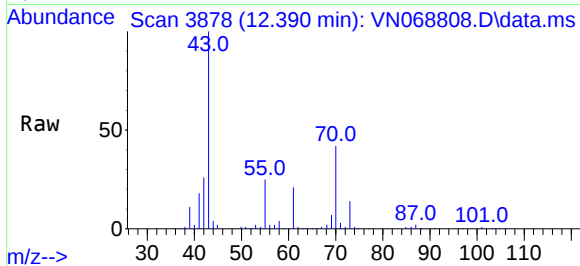




#47  
n-amy1 Acetate  
Concen: 18.445 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

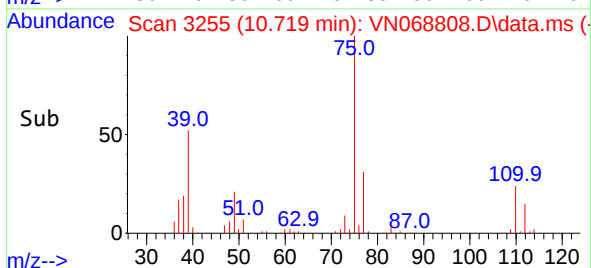
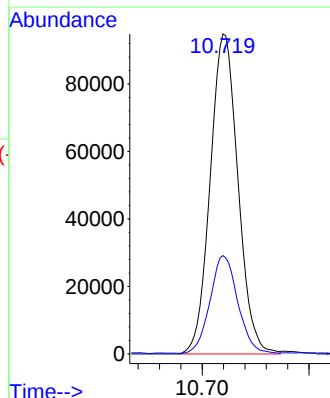
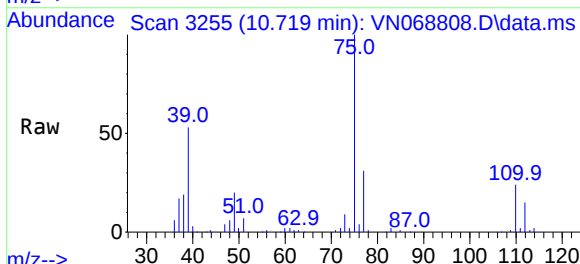
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1005WBS01

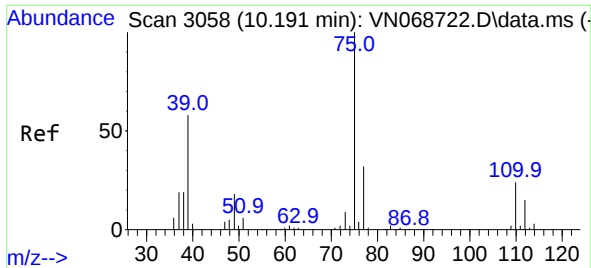
Tgt Ion: 43 Resp: 183067  
Ion Ratio Lower Upper  
43 100  
55 25.1 19.0 28.6



#48  
t-1,3-Dichloropropene  
Concen: 19.240 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 75 Resp: 171332  
Ion Ratio Lower Upper  
75 100  
77 30.5 25.3 37.9



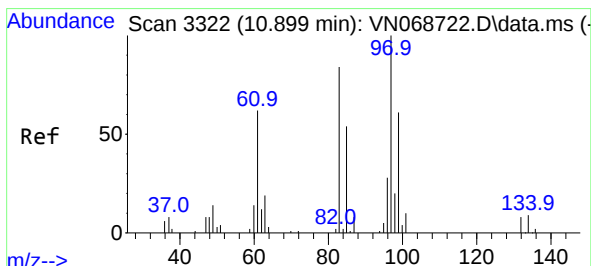
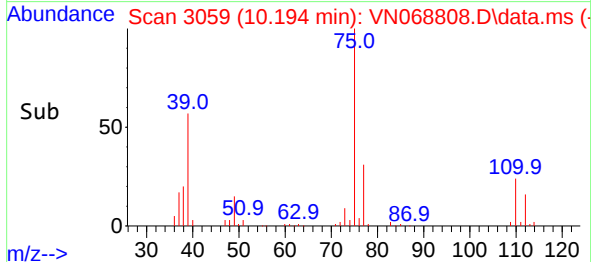
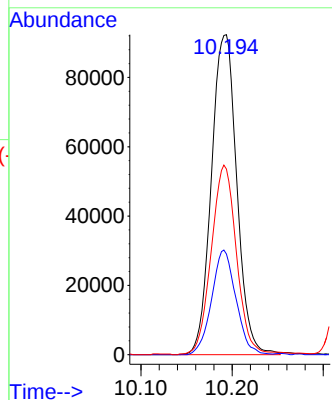
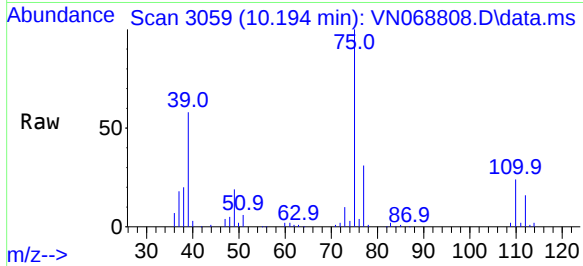


#49  
cis-1,3-Dichloropropene  
Concen: 19.640 ug/l  
RT: 10.194 min Scan# 3059  
Delta R.T. 0.003 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

Tgt Ion: 75 Resp: 178851  

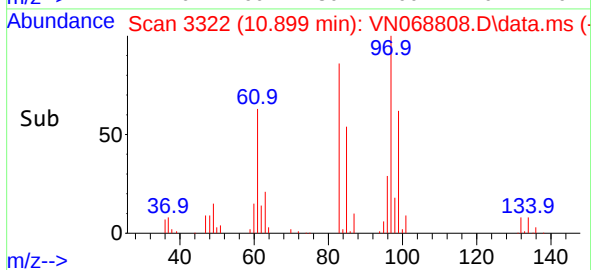
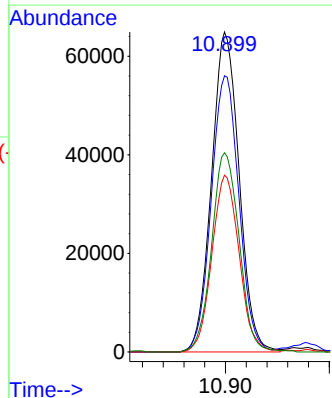
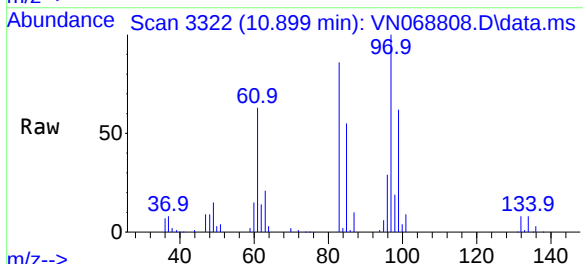
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 31.4  | 25.3  | 37.9  |
| 39  | 57.8  | 46.2  | 69.4  |

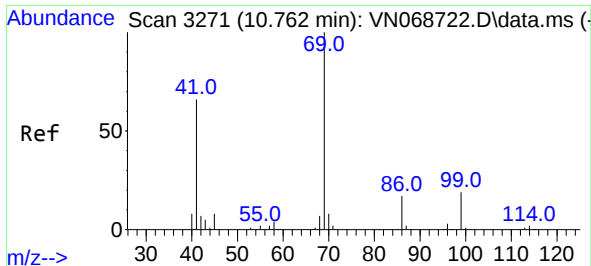


#50  
1,1,2-Trichloroethane  
Concen: 20.701 ug/l  
RT: 10.899 min Scan# 3322  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 97 Resp: 119922  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.3  | 67.2  | 100.8 |
| 85  | 55.3  | 43.0  | 64.4  |
| 99  | 62.2  | 49.0  | 73.4  |

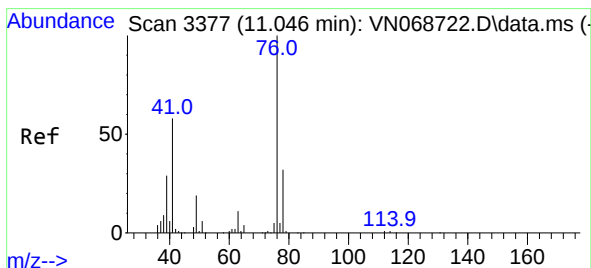
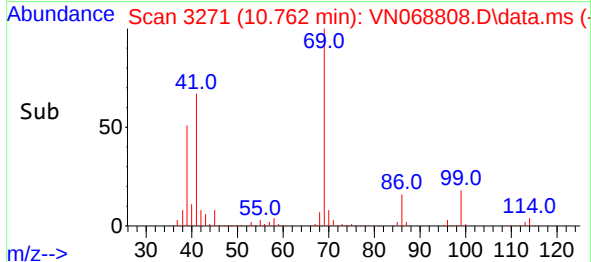
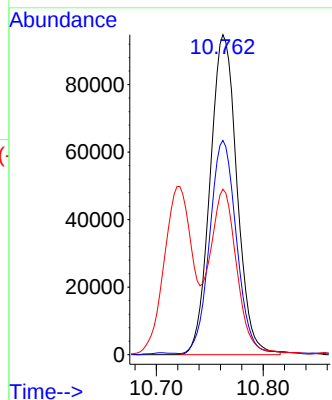
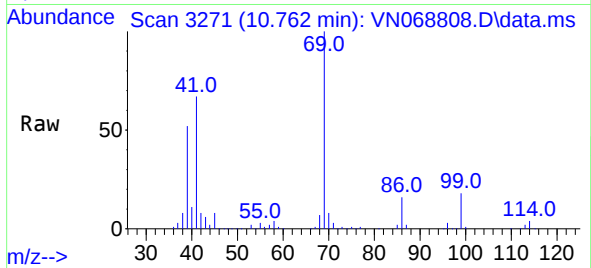




#51  
Ethyl methacrylate  
Concen: 18.962 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

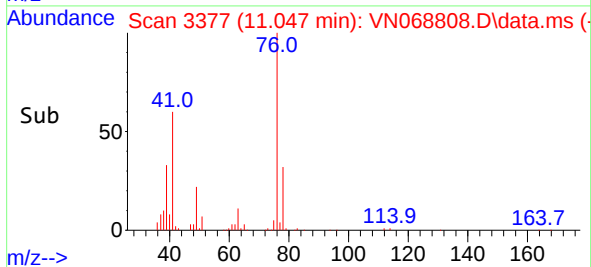
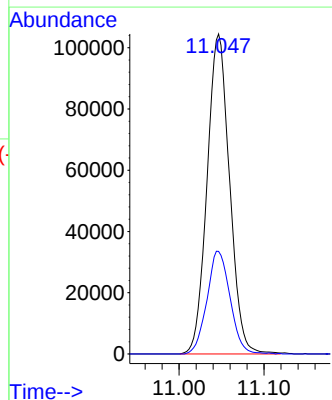
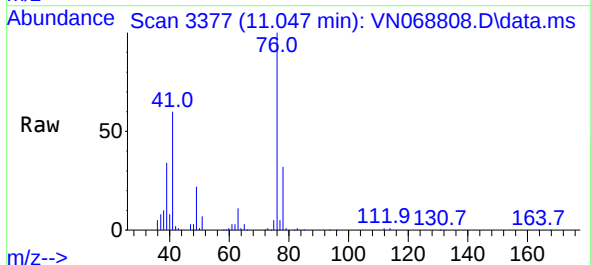
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

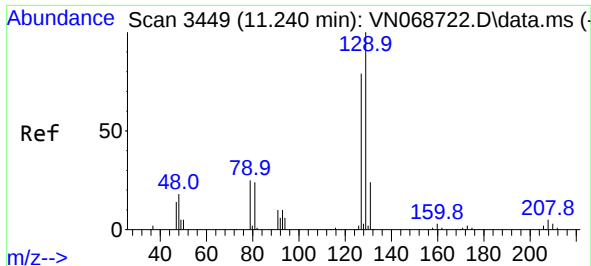
Tgt Ion: 69 Resp: 165445  
Ion Ratio Lower Upper  
69 100  
41 66.6 33.0 98.9  
39 50.9 25.4 76.4



#52  
1,3-Dichloropropane  
Concen: 20.474 ug/l  
RT: 11.047 min Scan# 3377  
Delta R.T. 0.001 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 76 Resp: 191931  
Ion Ratio Lower Upper  
76 100  
78 33.0 0.0 65.4

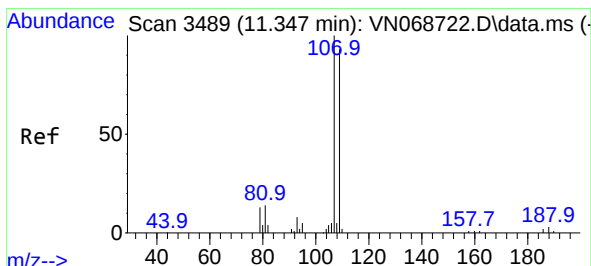
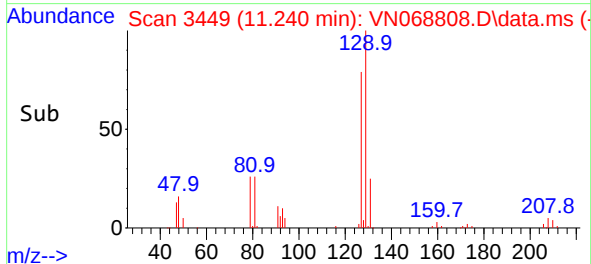
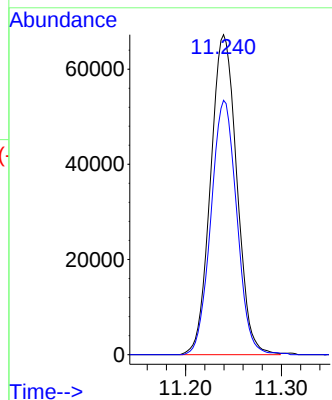
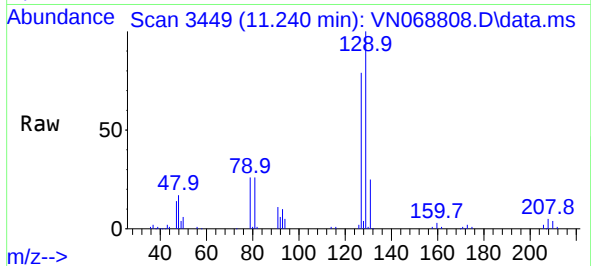




#53  
Dibromochloromethane  
Concen: 19.424 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

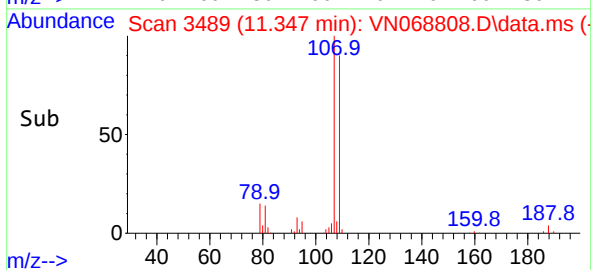
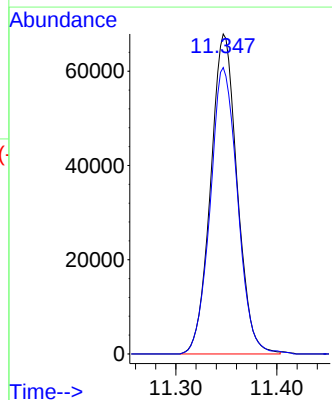
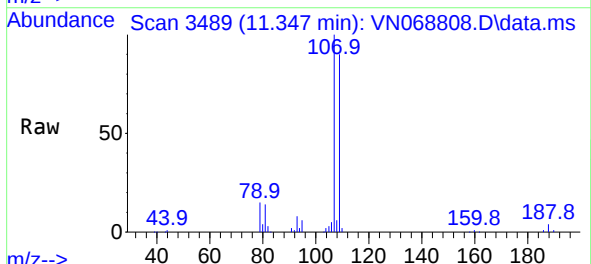
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

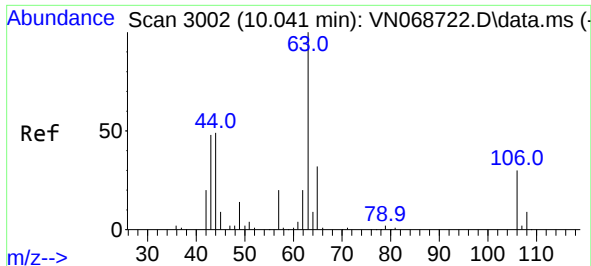
Tgt Ion:129 Resp: 127816  
Ion Ratio Lower Upper  
129 100  
127 78.0 39.0 117.0



#54  
1,2-Dibromoethane  
Concen: 20.387 ug/l  
RT: 11.347 min Scan# 3489  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion:107 Resp: 123901  
Ion Ratio Lower Upper  
107 100  
109 91.7 72.8 109.2

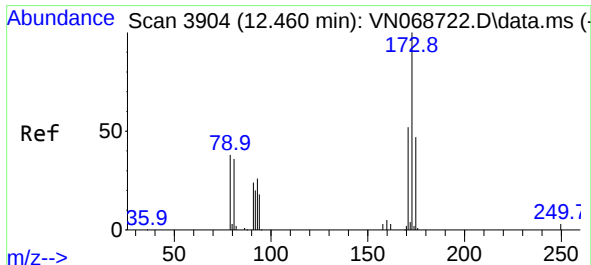
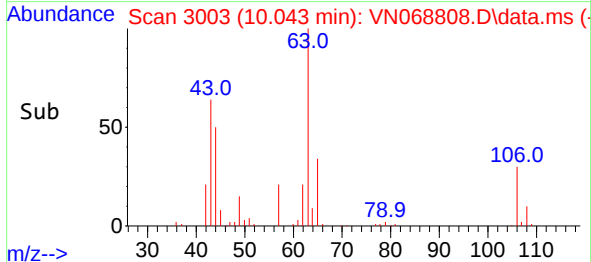
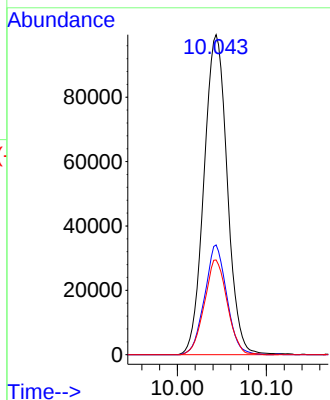
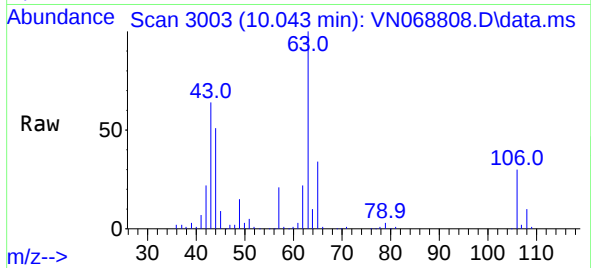




#55  
2-Chloroethyl vinyl ether  
Concen: 73.962 ug/l  
RT: 10.043 min Scan# 3003  
Delta R.T. 0.002 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

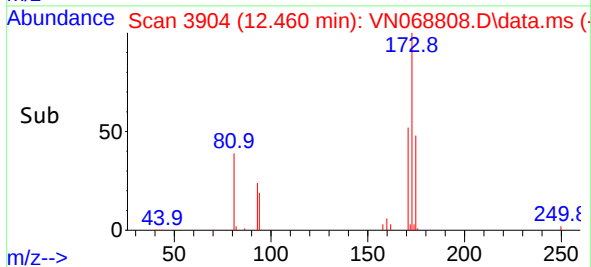
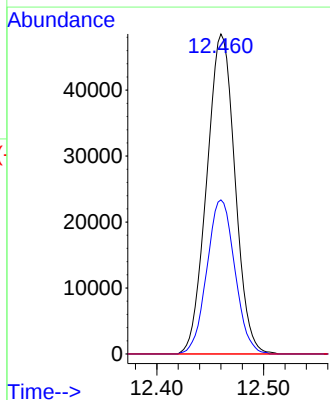
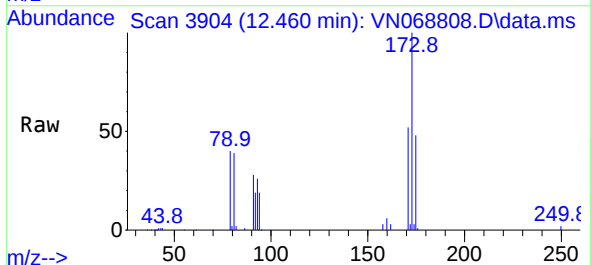
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1005WBS01

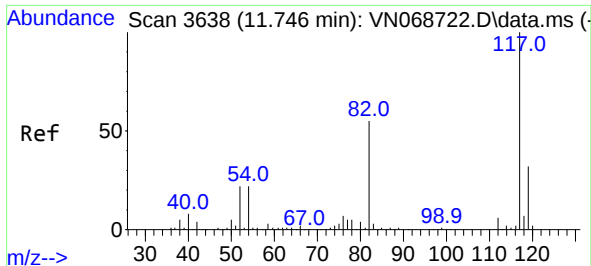
Tgt Ion: 63 Resp: 180179  
Ion Ratio Lower Upper  
63 100  
65 32.6 25.4 38.0  
106 29.2 23.2 34.8



#56  
Bromoform  
Concen: 18.780 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion:173 Resp: 89118  
Ion Ratio Lower Upper  
173 100  
175 47.8 38.6 58.0  
254 0.0 0.0 0.0

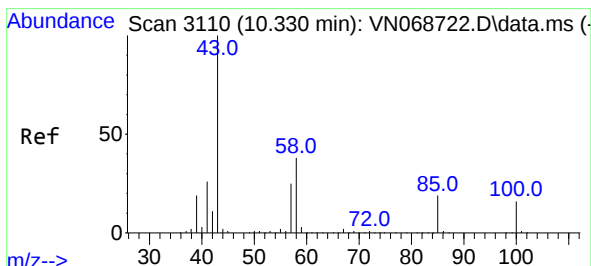
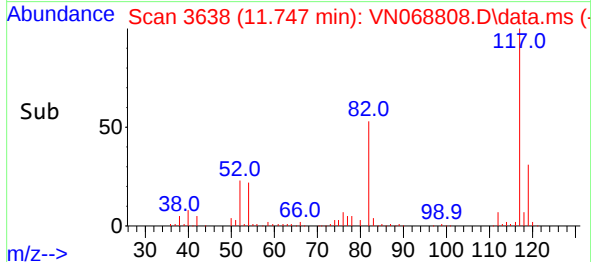
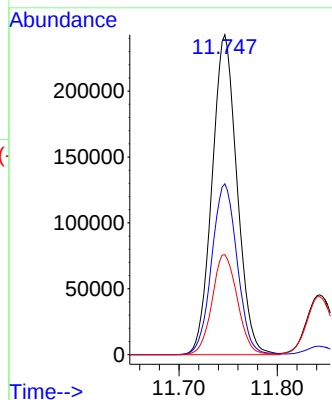
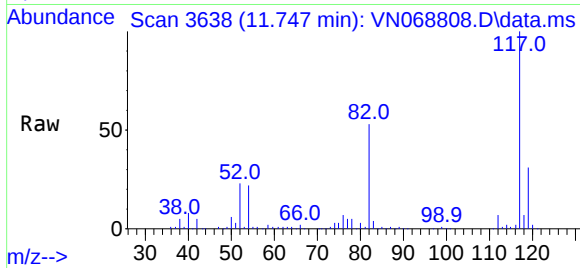




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.001 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

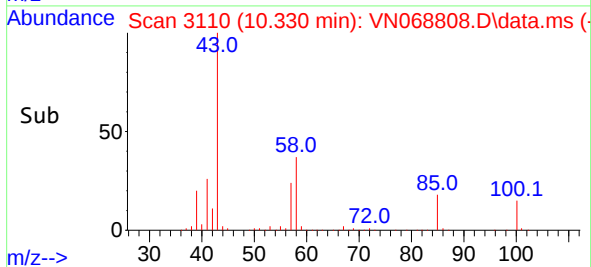
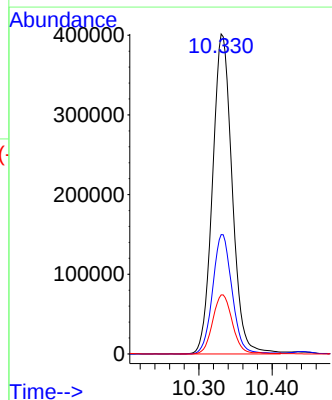
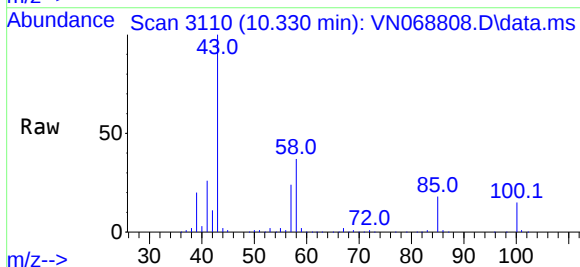
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

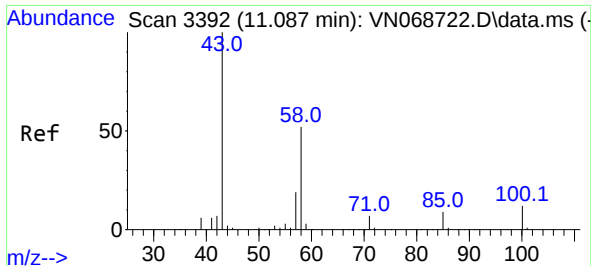
Tgt Ion:117 Resp: 428393  
Ion Ratio Lower Upper  
117 100  
82 54.6 43.6 65.4  
119 31.7 25.8 38.6



#58  
4-Methyl-2-Pentanone  
Concen: 103.347 ug/l  
RT: 10.330 min Scan# 3110  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 43 Resp: 747287  
Ion Ratio Lower Upper  
43 100  
58 36.9 30.0 45.0  
85 18.4 15.0 22.6

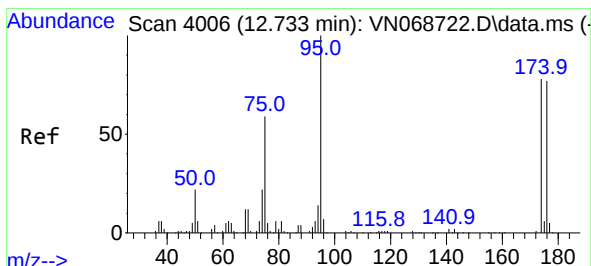
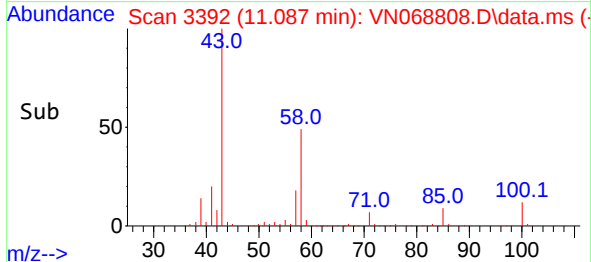
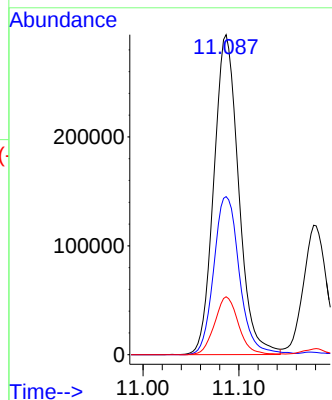
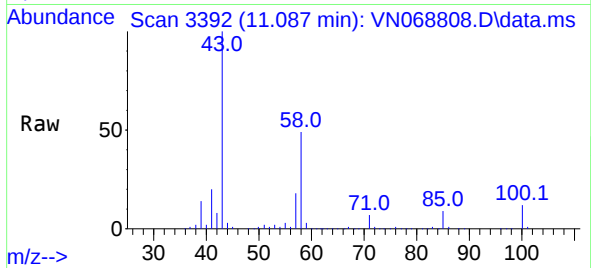




#59  
2-Hexanone  
Concen: 100.336 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

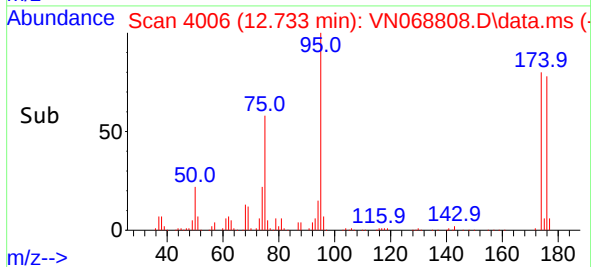
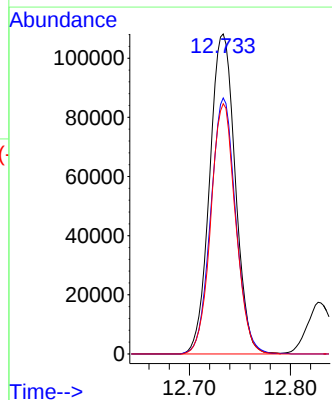
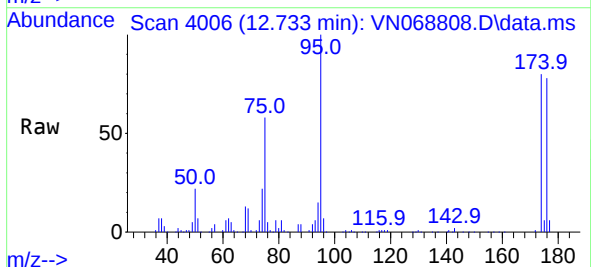
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

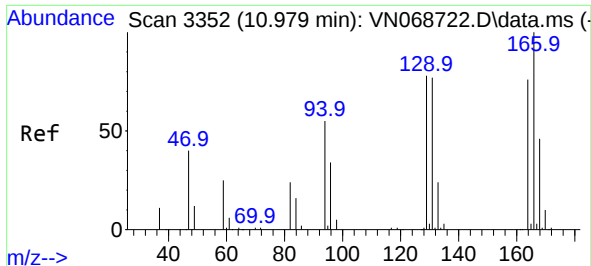
Tgt Ion: 43 Resp: 528479  
Ion Ratio Lower Upper  
43 100  
58 51.3 42.2 63.2  
57 17.5 15.0 22.4



#60  
4-Bromofluorobenzene  
Concen: 28.402 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 95 Resp: 190079  
Ion Ratio Lower Upper  
95 100  
174 78.4 62.9 94.3  
176 75.6 61.0 91.4

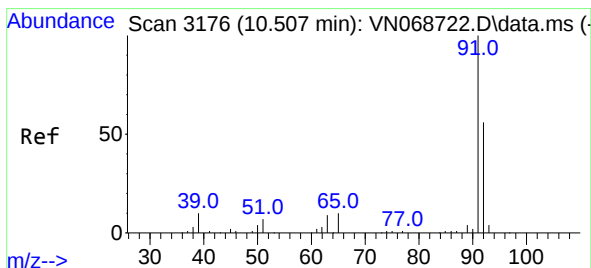
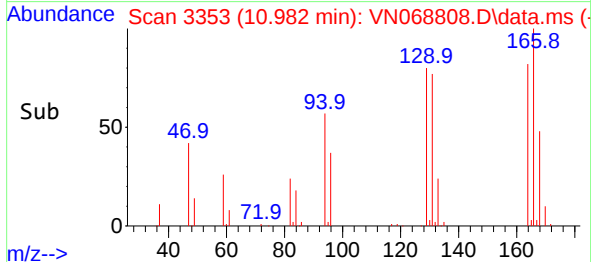
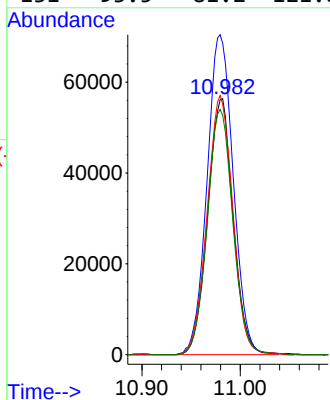
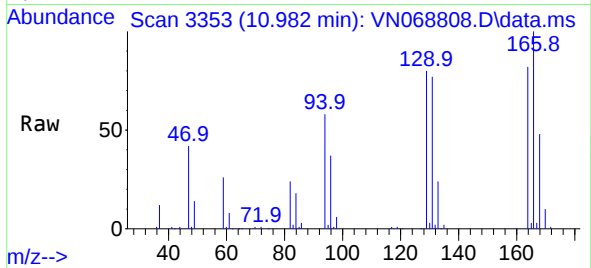




#61  
Tetrachloroethene  
Concen: 20.176 ug/l  
RT: 10.982 min Scan# 3353  
Delta R.T. 0.003 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

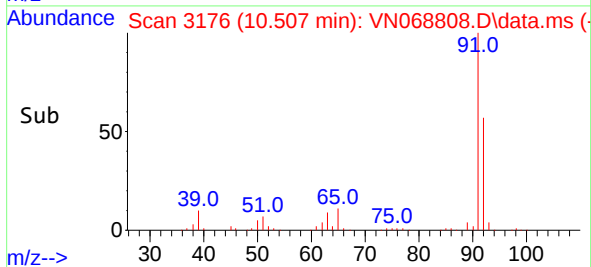
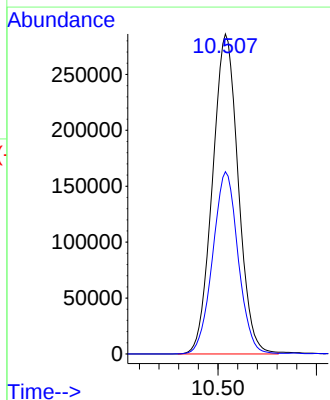
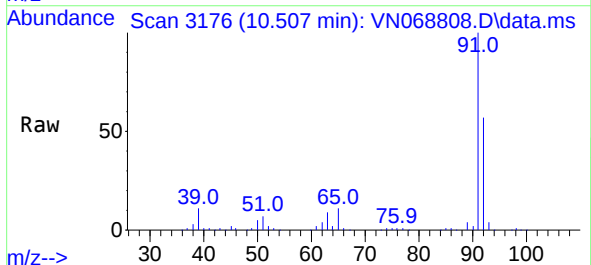
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1005WBS01

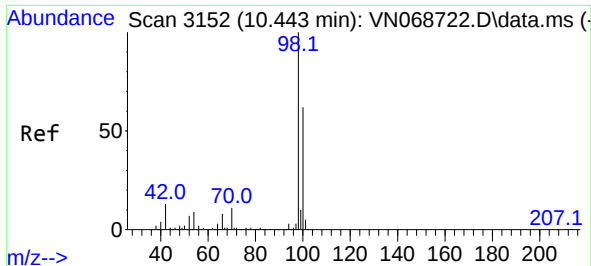
Tgt Ion:164 Resp: 101298  
Ion Ratio Lower Upper  
164 100  
166 121.4 105.8 158.8  
129 97.9 82.5 123.7  
131 93.5 81.2 121.8



#62  
Toluene  
Concen: 20.315 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 91 Resp: 520311  
Ion Ratio Lower Upper  
91 100  
92 56.4 44.6 67.0

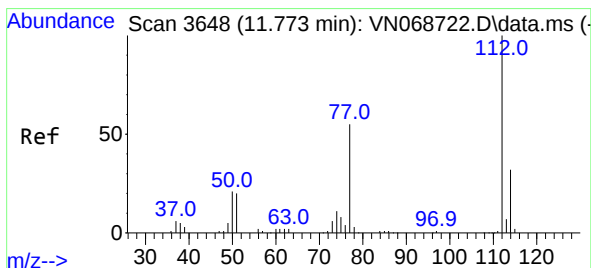
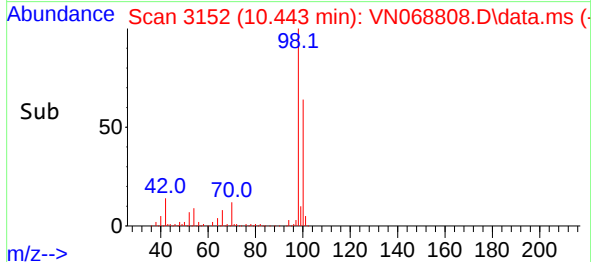
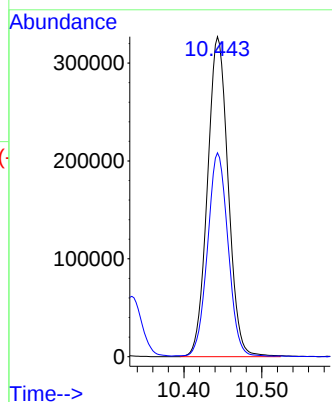
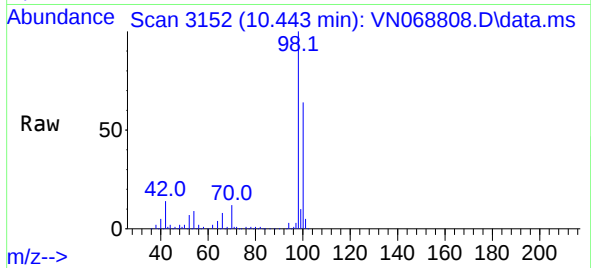




#63  
Toluene-d8  
Concen: 31.239 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

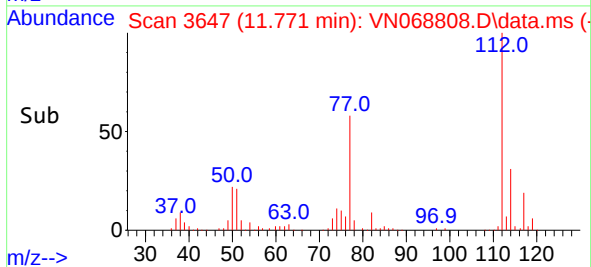
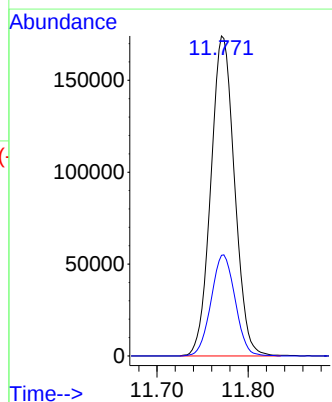
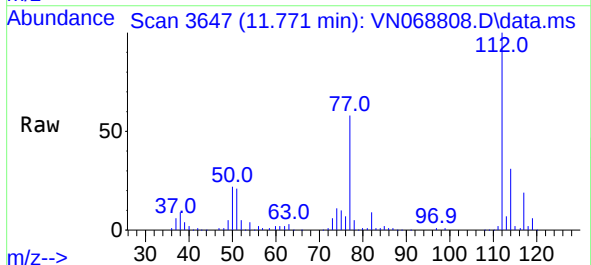
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

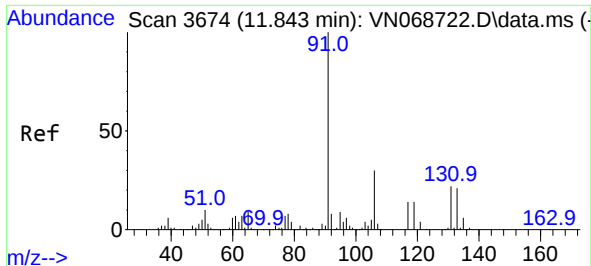
Tgt Ion: 98 Resp: 604882  
Ion Ratio Lower Upper  
98 100  
100 62.9 50.6 76.0



#64  
Chlorobenzene  
Concen: 20.016 ug/l  
RT: 11.771 min Scan# 3647  
Delta R.T. -0.002 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 112 Resp: 314599  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.8 38.6

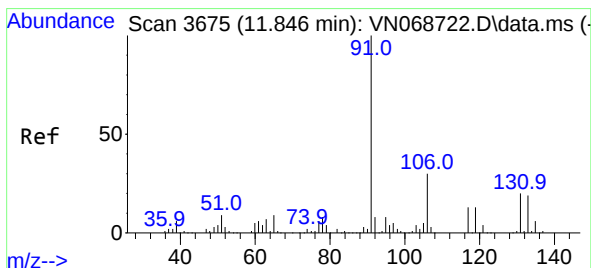
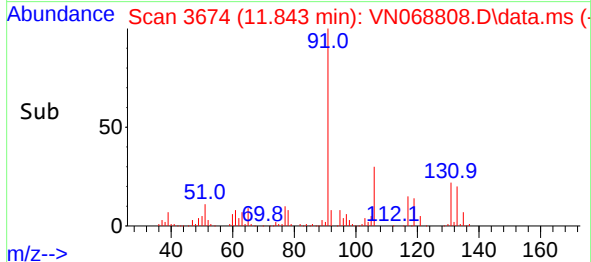
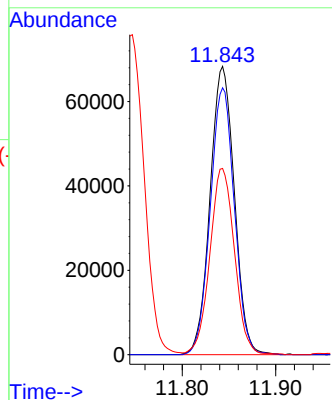
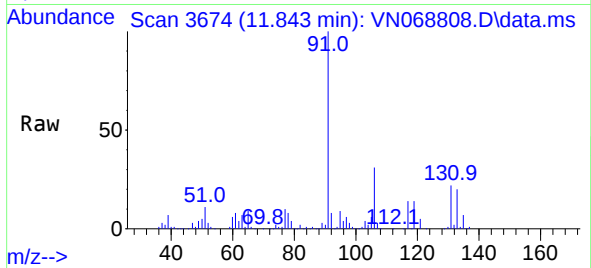




#65  
1,1,1,2-Tetrachloroethane  
Concen: 20.245 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

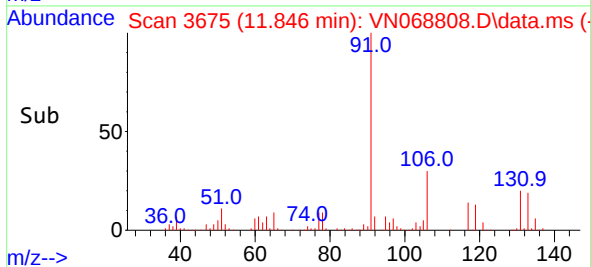
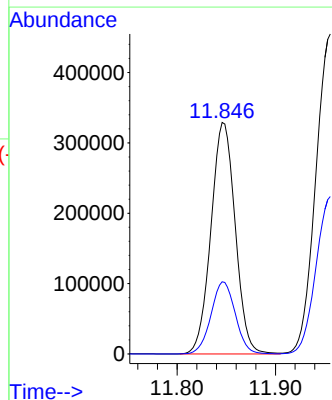
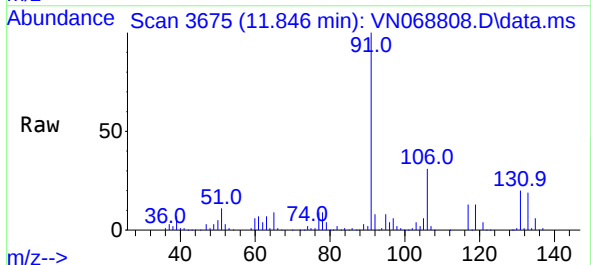
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

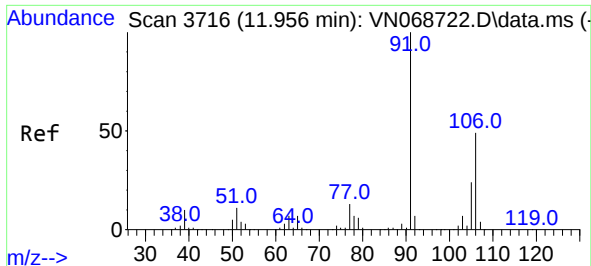
Tgt Ion:131 Resp: 123413  
Ion Ratio Lower Upper  
131 100  
133 92.0 0.0 191.2  
119 64.3 0.0 128.8



#66  
Ethyl Benzene  
Concen: 19.547 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 91 Resp: 564121  
Ion Ratio Lower Upper  
91 100  
106 31.1 24.0 36.0

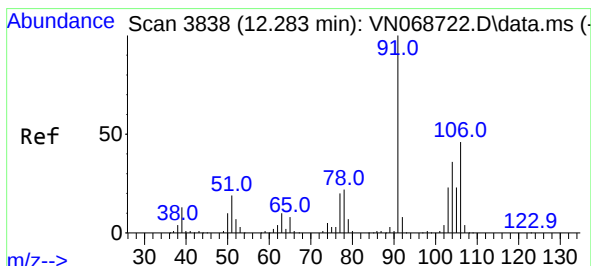
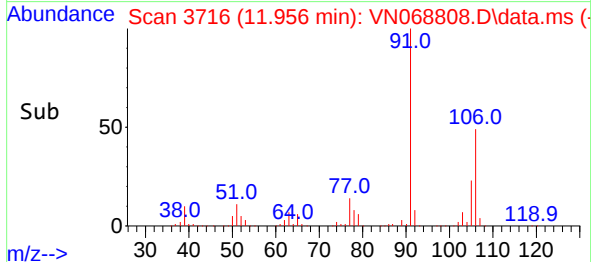
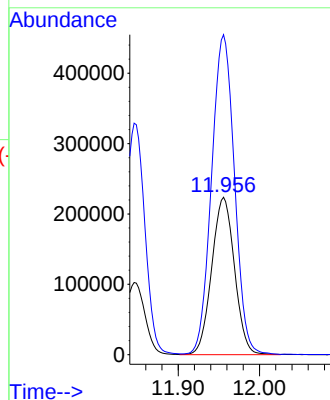
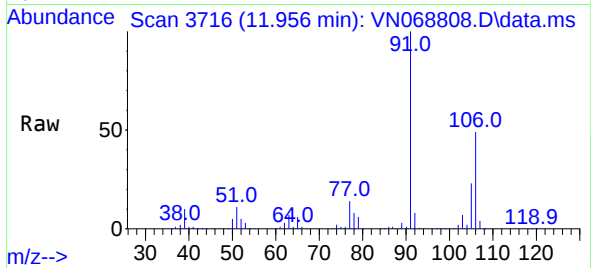




#67  
m/p-Xylenes  
Concen: 39.091 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

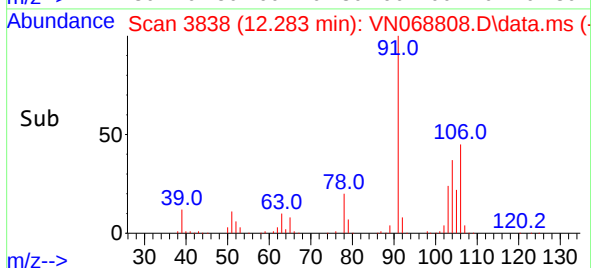
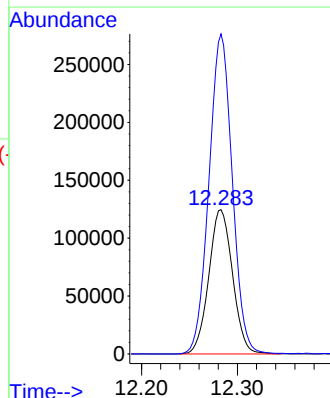
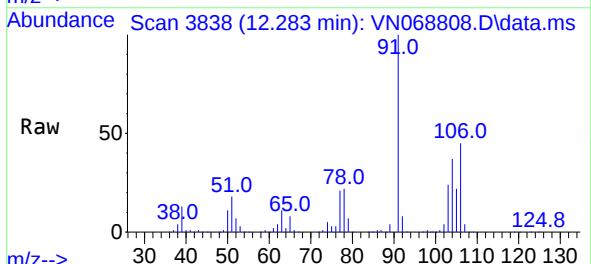
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

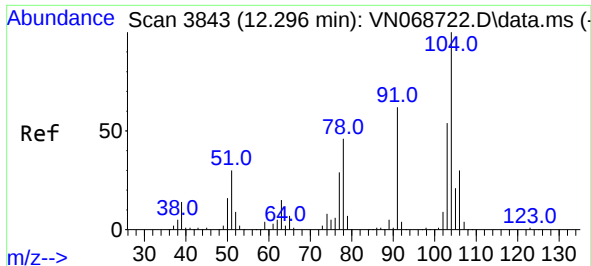
Tgt Ion:106 Resp: 435629  
Ion Ratio Lower Upper  
106 100  
91 204.5 162.9 244.3



#68  
o-Xylene  
Concen: 19.596 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion:106 Resp: 214984  
Ion Ratio Lower Upper  
106 100  
91 217.3 107.7 323.1

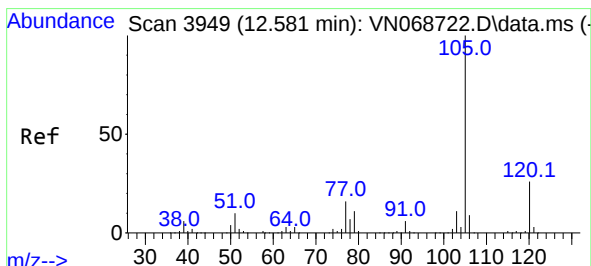
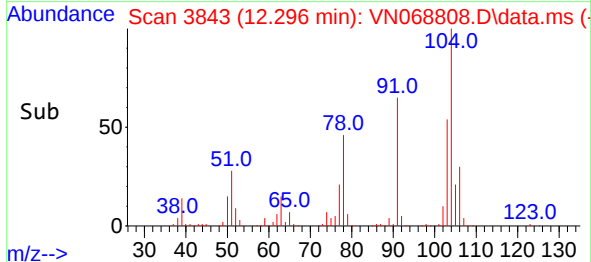
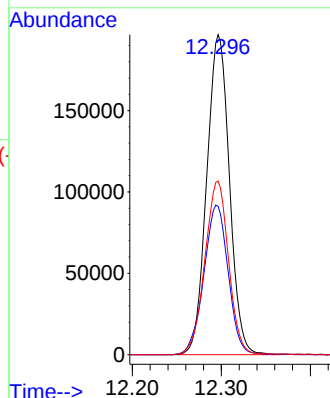
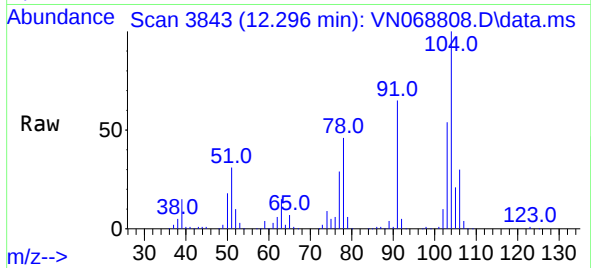




#69  
Styrene  
Concen: 19.248 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

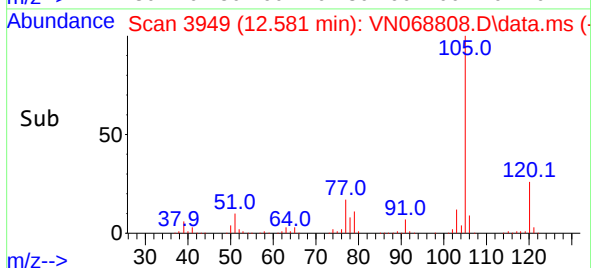
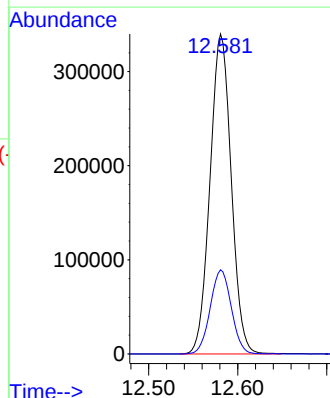
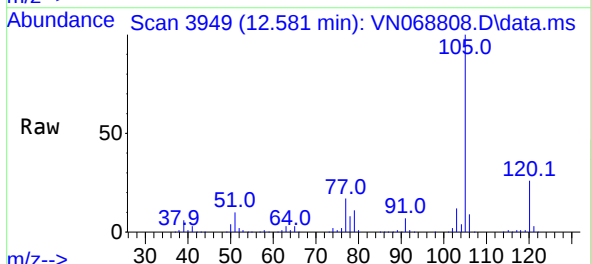
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

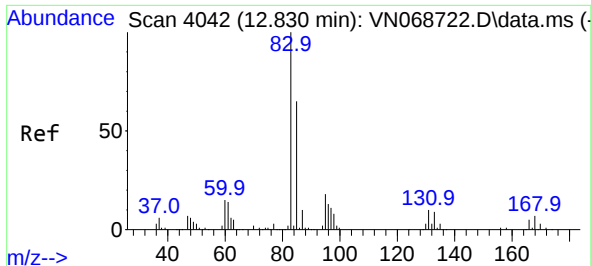
Tgt Ion:104 Resp: 348517  
Ion Ratio Lower Upper  
104 100  
78 50.1 40.7 61.1  
103 56.7 45.8 68.8



#70  
Isopropylbenzene  
Concen: 19.344 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion:105 Resp: 562759  
Ion Ratio Lower Upper  
105 100  
120 26.1 18.3 34.1

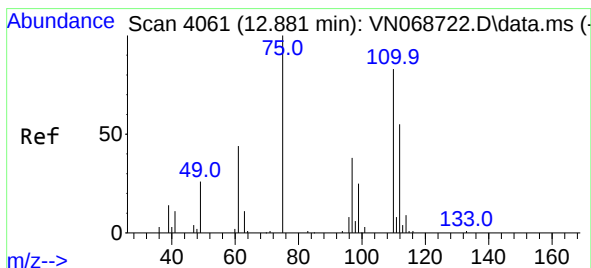
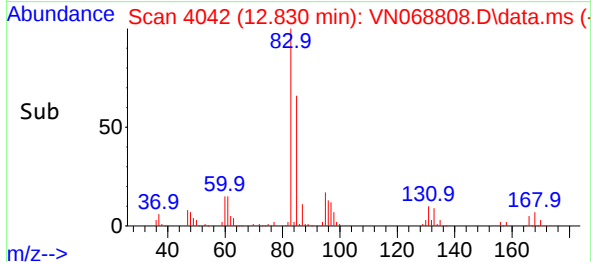
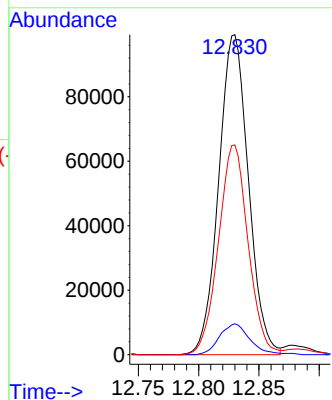
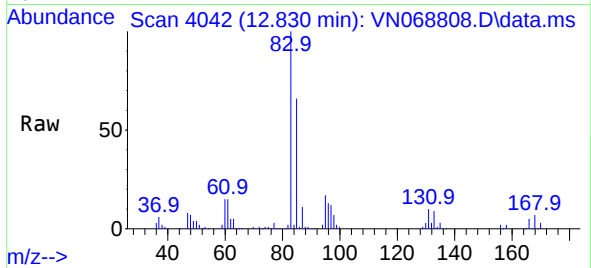




#71  
1,1,2,2-Tetrachloroethane  
Concen: 20.794 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

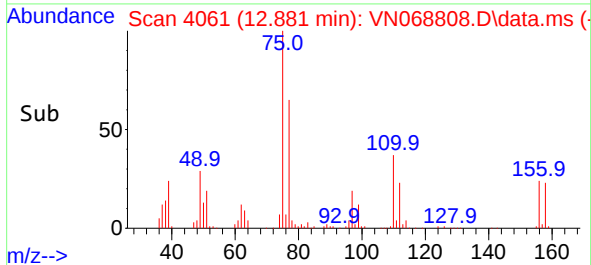
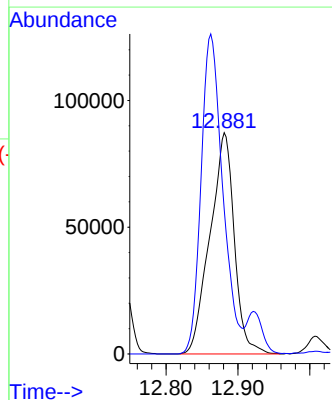
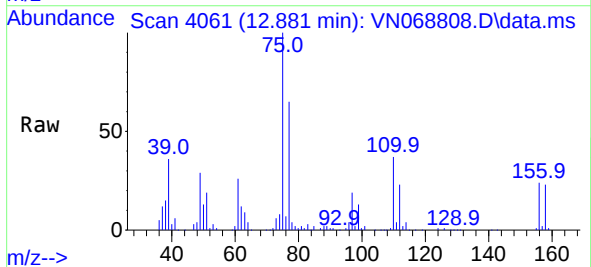
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

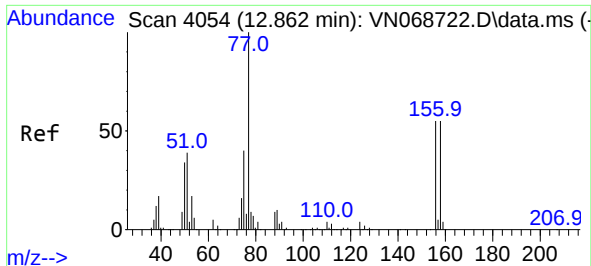
Tgt Ion: 83 Resp: 170435  
Ion Ratio Lower Upper  
83 100  
131 9.8 5.1 15.3  
85 65.2 33.1 99.2



#72  
1,2,3-Trichloropropane  
Concen: 30.870 ug/l  
RT: 12.881 min Scan# 4061  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 75 Resp: 205001  
Ion Ratio Lower Upper  
75 100  
77 129.4 0.0 378.0

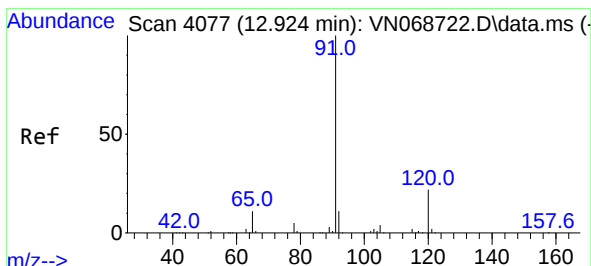
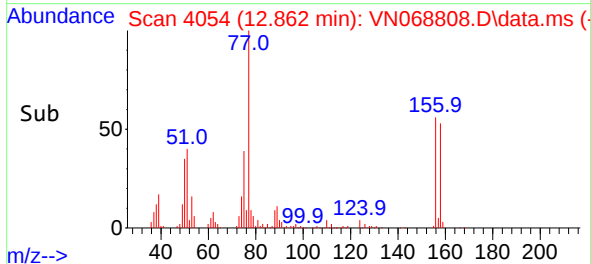
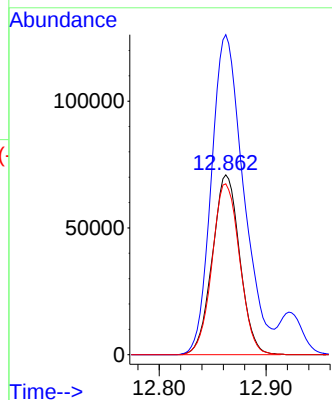
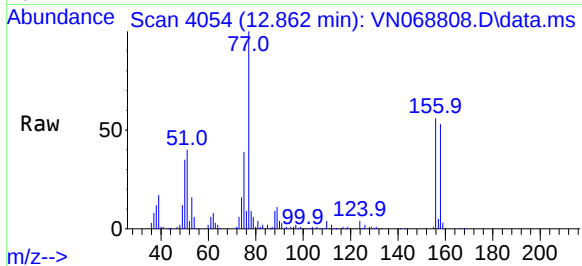




#73  
Bromobenzene  
Concen: 19.230 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

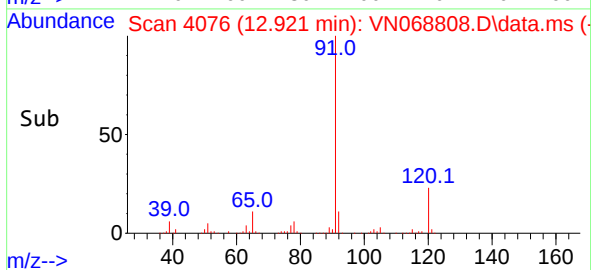
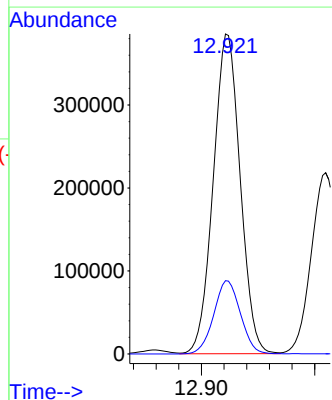
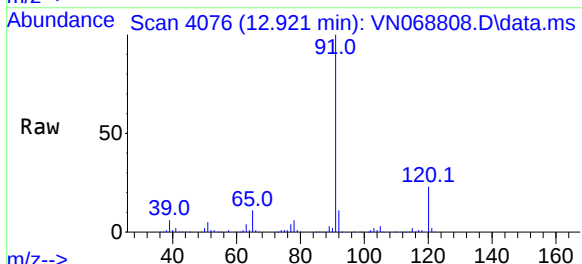
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

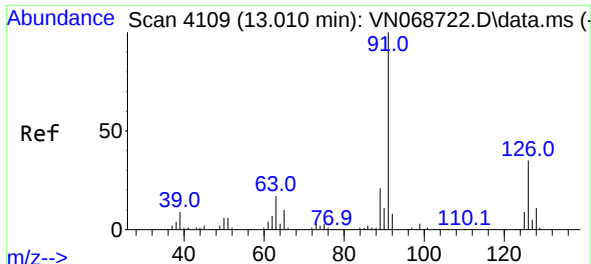
Tgt Ion:156 Resp: 126640  
Ion Ratio Lower Upper  
156 100  
77 209.5 0.0 416.0  
158 95.8 0.0 195.4



#74  
n-propylbenzene  
Concen: 19.045 ug/l  
RT: 12.921 min Scan# 4076  
Delta R.T. -0.003 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 91 Resp: 635191  
Ion Ratio Lower Upper  
91 100  
120 22.7 0.0 45.0

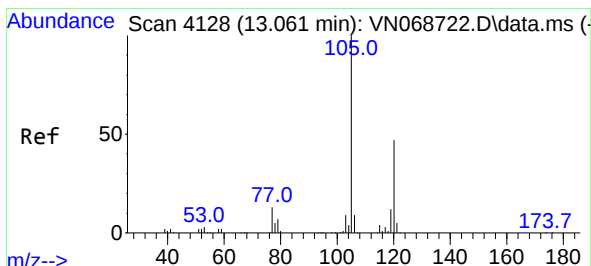
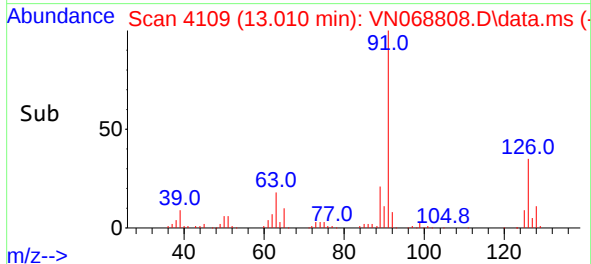
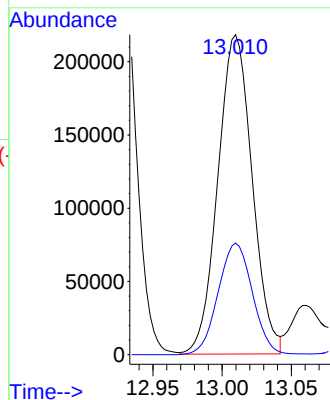
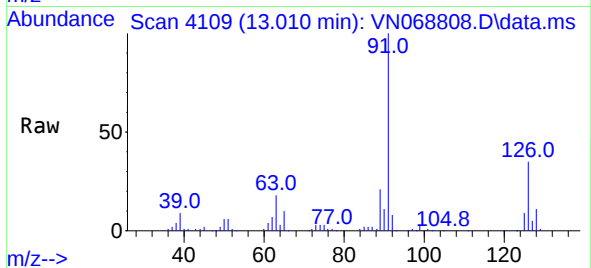




#75  
2-Chlorotoluene  
Concen: 19.333 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

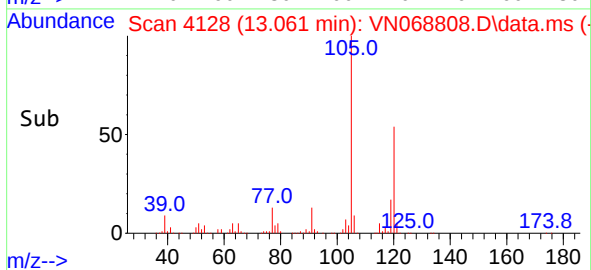
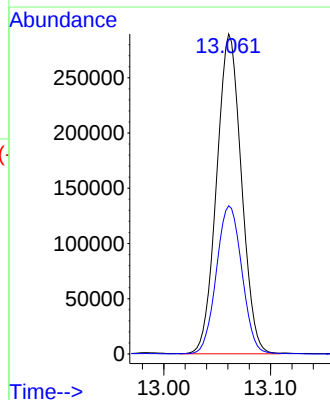
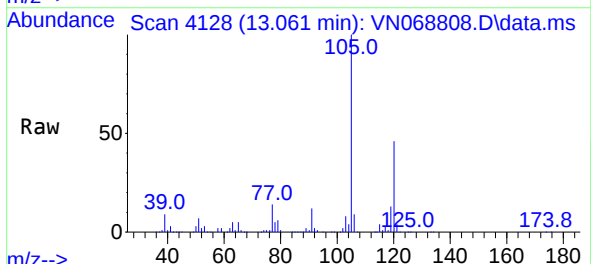
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

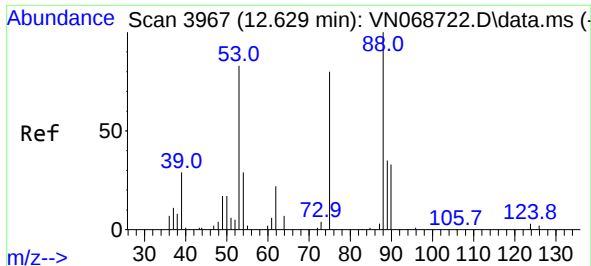
Tgt Ion: 91 Resp: 376340  
Ion Ratio Lower Upper  
91 100  
126 34.9 0.0 69.8



#76  
1,3,5-Trimethylbenzene  
Concen: 19.431 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 105 Resp: 466805  
Ion Ratio Lower Upper  
105 100  
120 47.7 0.0 93.8

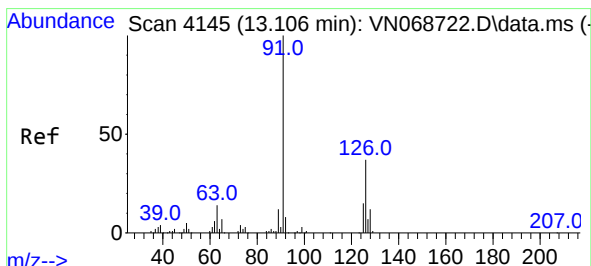
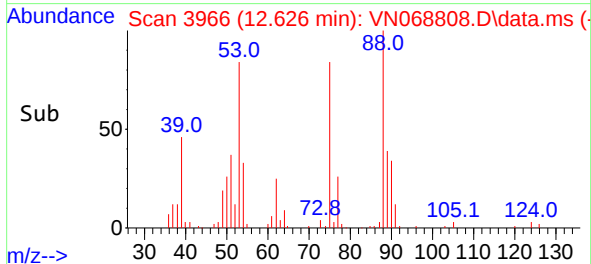
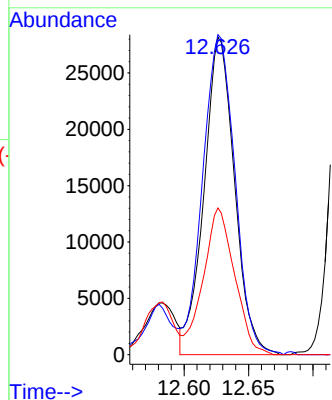
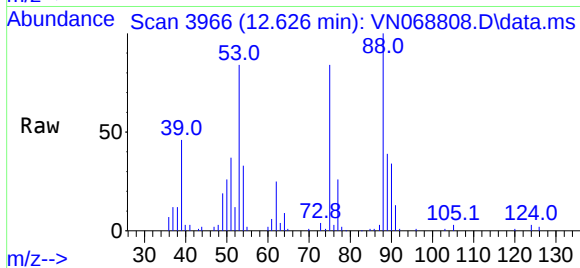




#77  
t-1,4-Dichloro-2-butene  
Concen: 17.903 ug/l  
RT: 12.626 min Scan# 3966  
Delta R.T. -0.003 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

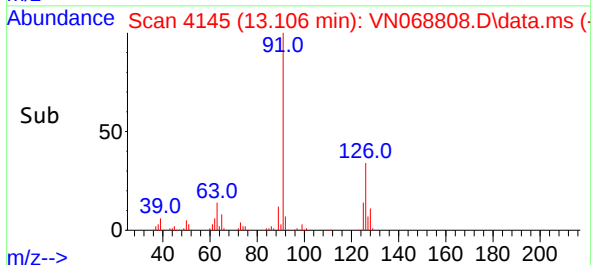
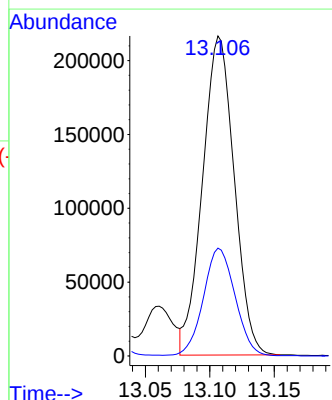
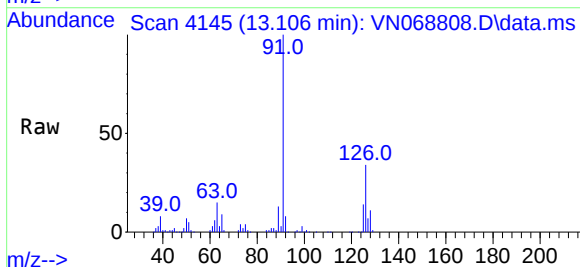
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

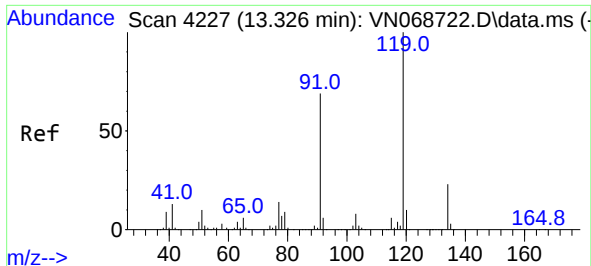
Tgt Ion: 75 Resp: 46374  
Ion Ratio Lower Upper  
75 100  
53 100.1 51.8 155.5  
89 46.2 22.9 68.7



#78  
4-Chlorotoluene  
Concen: 19.165 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 91 Resp: 369514  
Ion Ratio Lower Upper  
91 100  
126 34.0 0.0 70.6

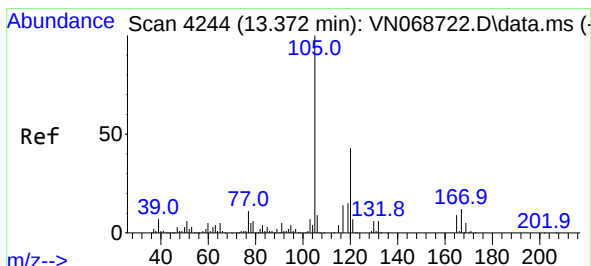
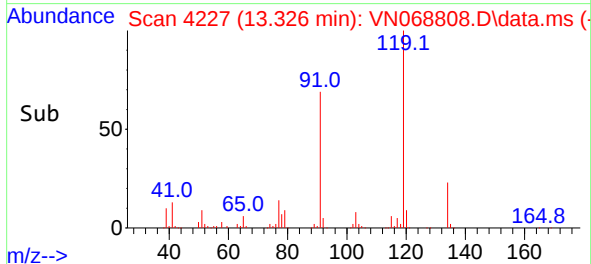
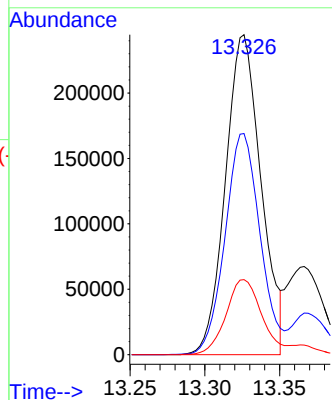
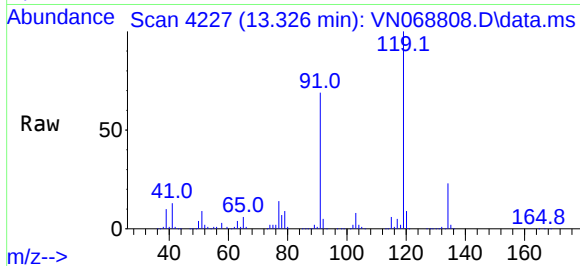




#79  
tert-butylbenzene  
Concen: 19.333 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

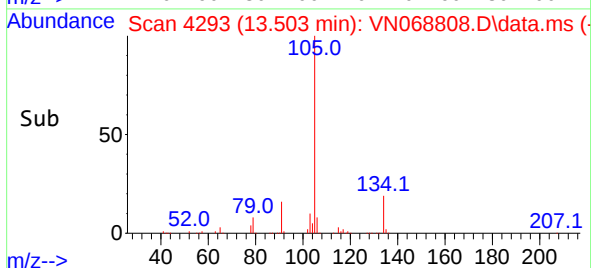
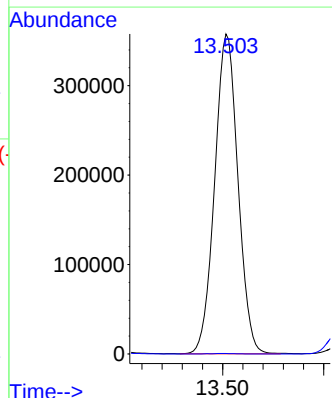
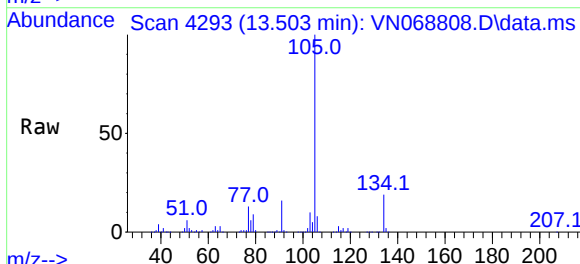
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

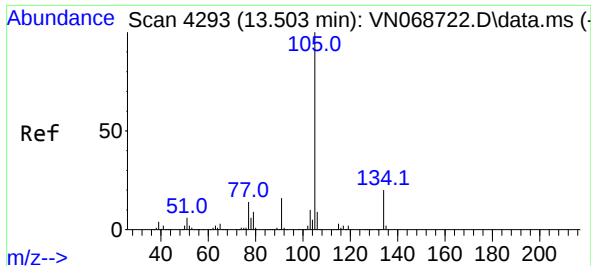
Tgt Ion:119 Resp: 405445  
Ion Ratio Lower Upper  
119 100  
91 68.4 0.0 137.0  
134 23.5 0.0 47.6



#80  
1,2,4-Trimethylbenzene  
Concen: 23.959 ug/l  
RT: 13.503 min Scan# 4293  
Delta R.T. 0.131 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion:105 Resp: 570606  
Ion Ratio Lower Upper  
105 100  
120 0.1 0.0 0.2

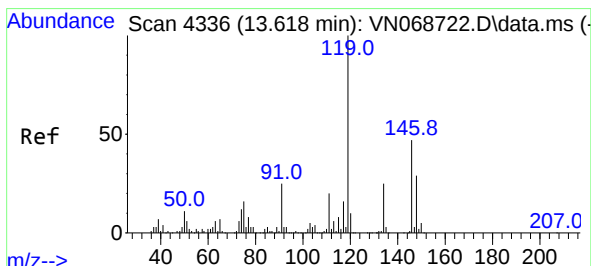
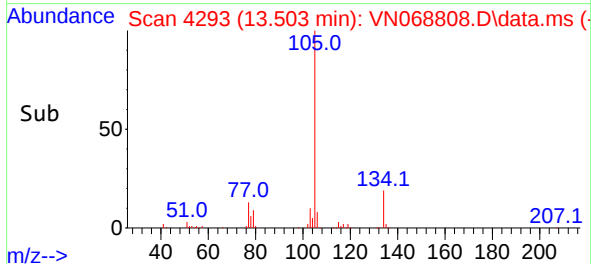
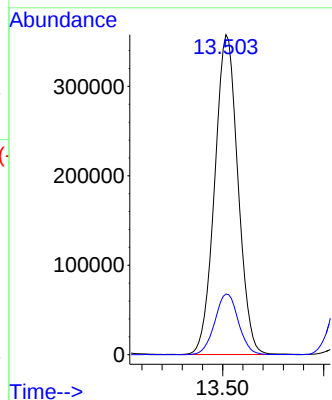
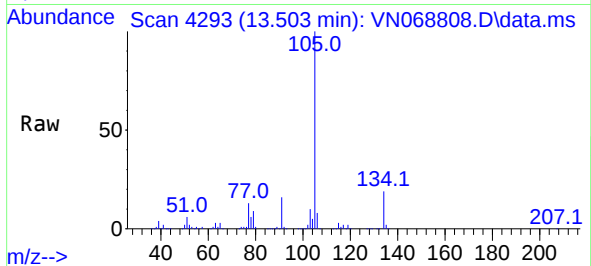




#81  
sec-Butylbenzene  
Concen: 18.979 ug/l  
RT: 13.503 min Scan# 4293  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

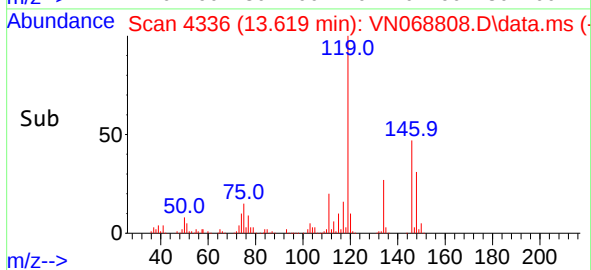
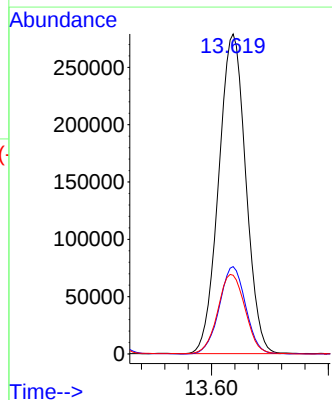
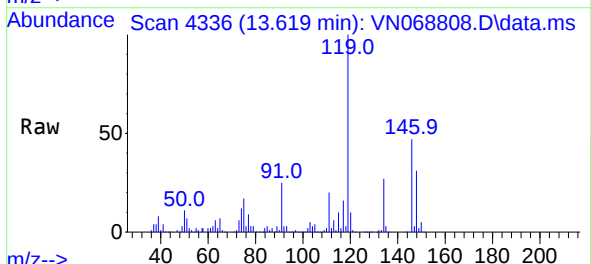
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1005WBS01

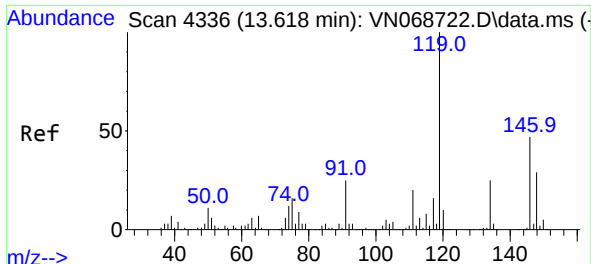
Tgt Ion:105 Resp: 570606  
Ion Ratio Lower Upper  
105 100  
134 19.3 0.0 39.4



#82  
p-Isopropyltoluene  
Concen: 18.048 ug/l  
RT: 13.619 min Scan# 4336  
Delta R.T. 0.001 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion:119 Resp: 449462  
Ion Ratio Lower Upper  
119 100  
134 26.6 0.0 51.8  
91 25.3 0.0 50.4

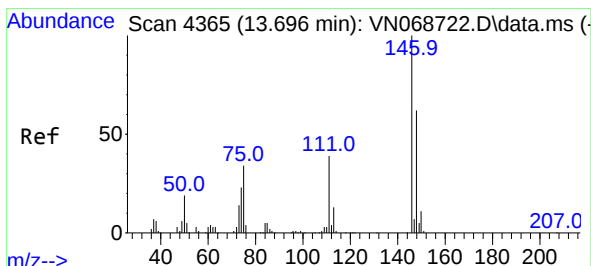
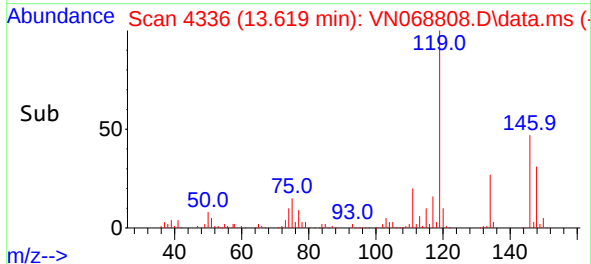
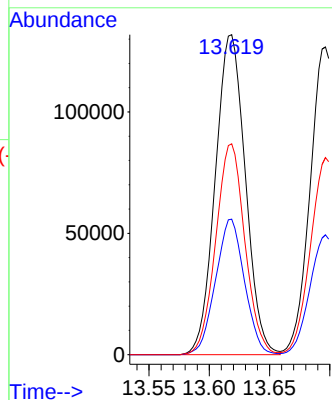
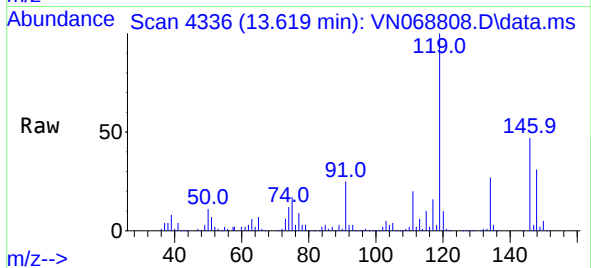




#83  
1,3-Dichlorobenzene  
Concen: 18.748 ug/l  
RT: 13.619 min Scan# 4336  
Delta R.T. 0.001 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

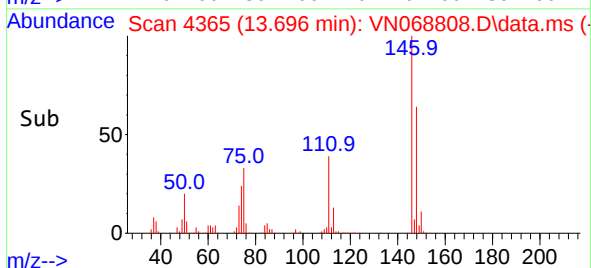
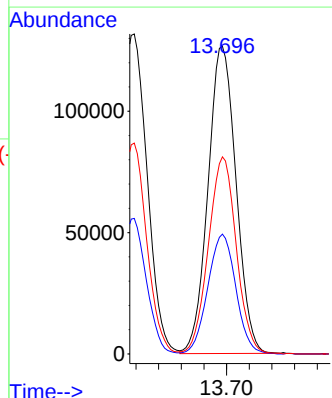
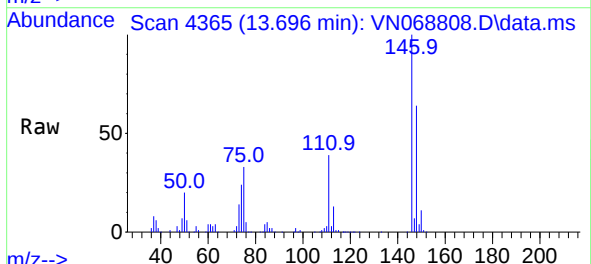
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

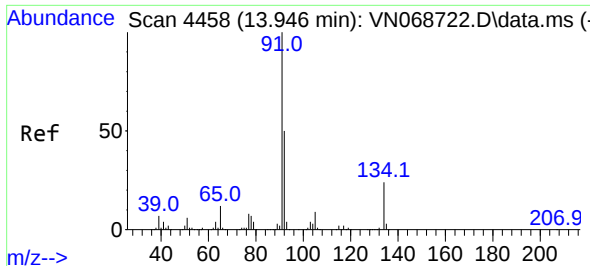
Tgt Ion:146 Resp: 229039  
Ion Ratio Lower Upper  
146 100  
111 40.7 20.8 62.2  
148 63.8 31.4 94.3



#84  
1,4-Dichlorobenzene  
Concen: 18.757 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion:146 Resp: 217999  
Ion Ratio Lower Upper  
146 100  
111 39.0 19.5 58.5  
148 64.0 31.1 93.5

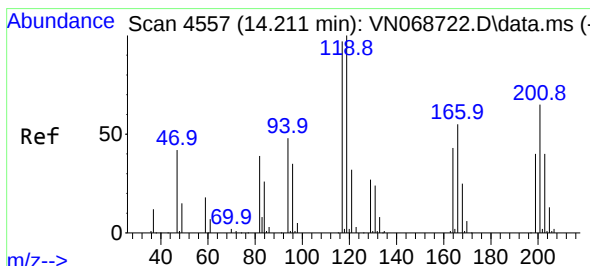
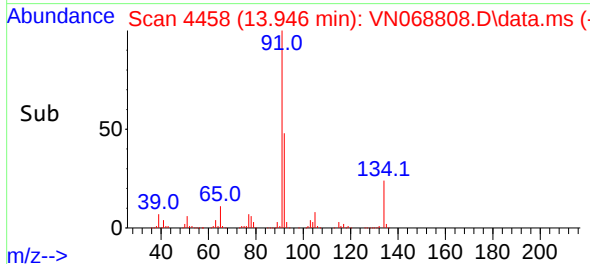
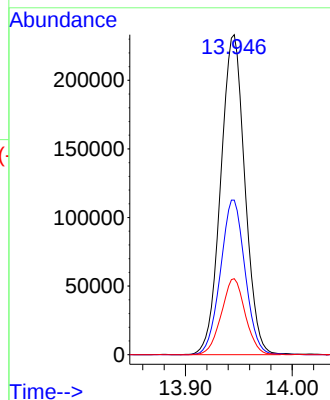
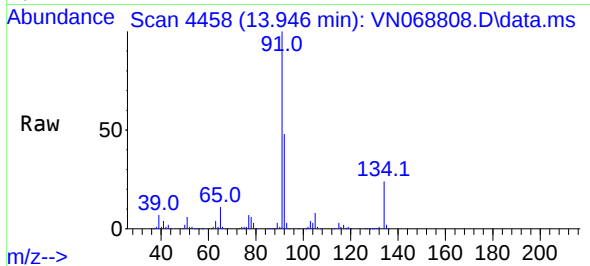




#85  
n-Butylbenzene  
Concen: 17.886 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. -0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

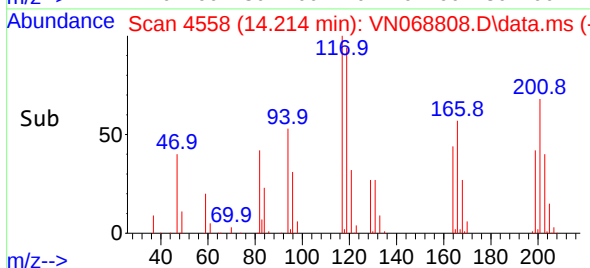
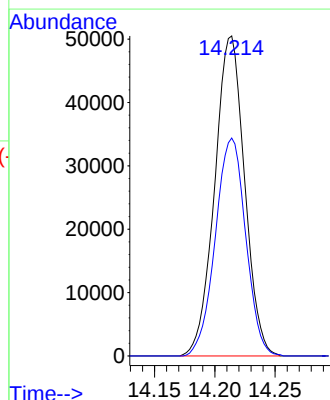
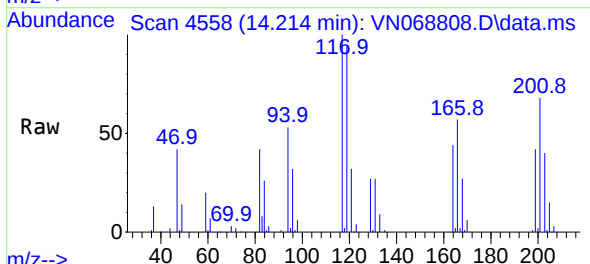
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1005WBS01

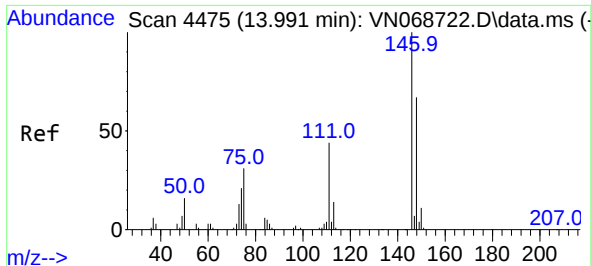
Tgt Ion: 91 Resp: 366418  
Ion Ratio Lower Upper  
91 100  
92 49.2 0.0 100.6  
134 23.6 0.0 50.2



#86  
Hexachloroethane  
Concen: 18.616 ug/l  
RT: 14.214 min Scan# 4558  
Delta R.T. 0.003 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 117 Resp: 87256  
Ion Ratio Lower Upper  
117 100  
201 69.1 33.3 99.8

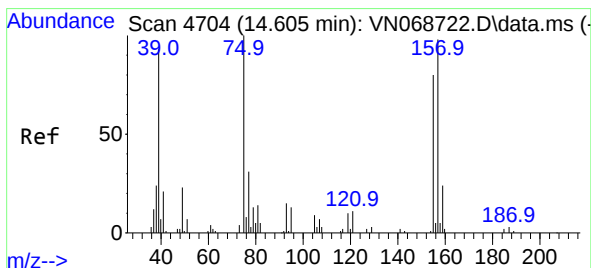
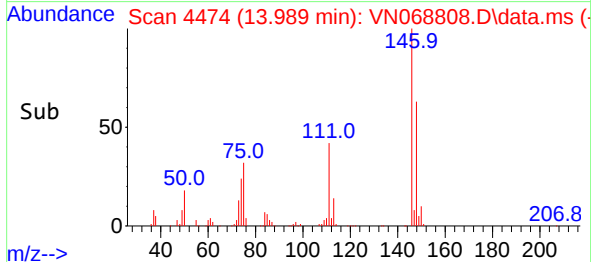
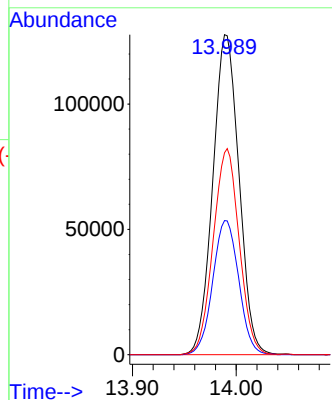
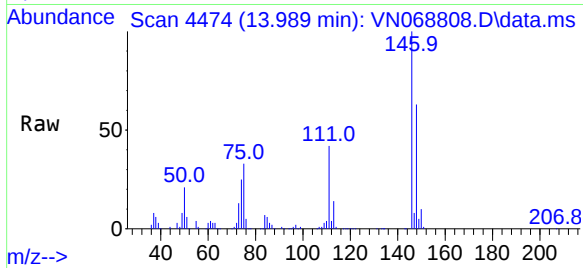




#87  
1,2-Dichlorobenzene  
Concen: 19.803 ug/l  
RT: 13.989 min Scan# 4474  
Delta R.T. -0.002 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

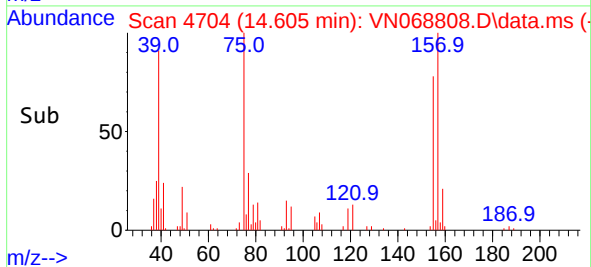
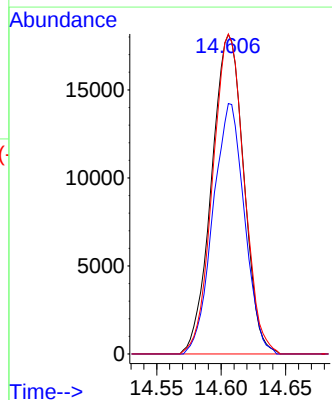
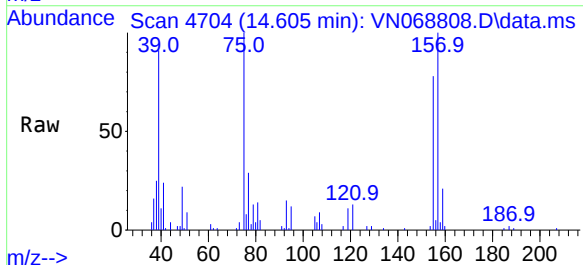
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

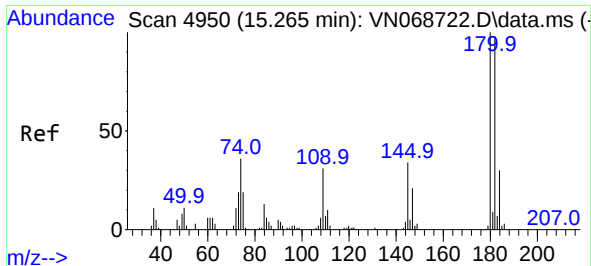
Tgt Ion:146 Resp: 223687  
Ion Ratio Lower Upper  
146 100  
111 41.6 21.4 64.2  
148 64.1 32.5 97.4



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 21.438 ug/l  
RT: 14.605 min Scan# 4704  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Tgt Ion: 75 Resp: 31427  
Ion Ratio Lower Upper  
75 100  
155 76.9 63.8 95.8  
157 97.6 77.9 116.9

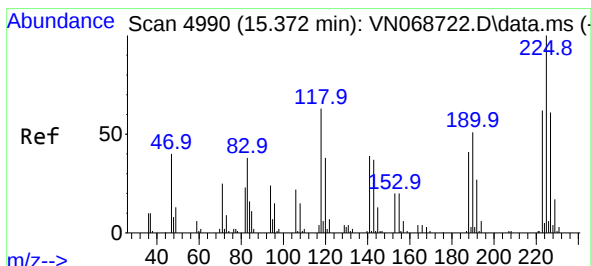
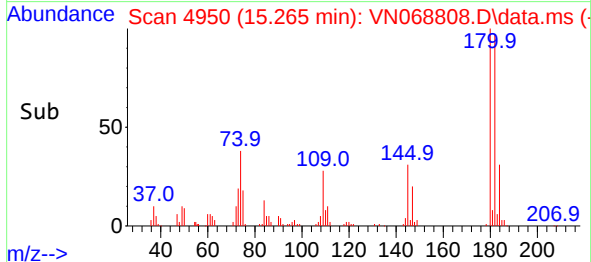
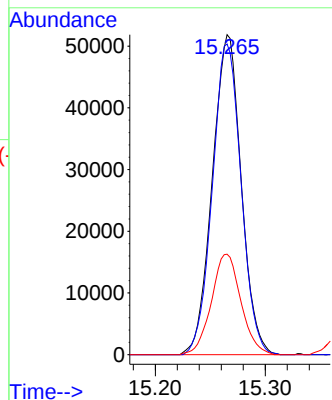
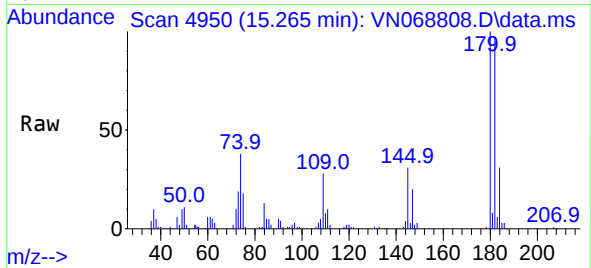




#89  
1,2,4-Trichlorobenzene  
Concen: 17.028 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

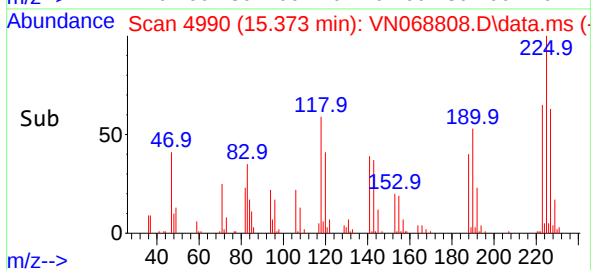
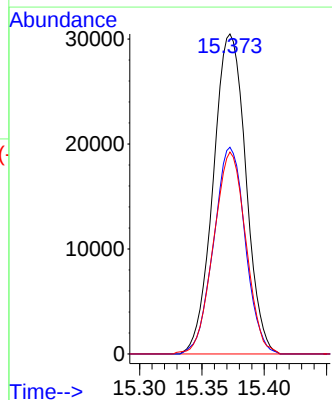
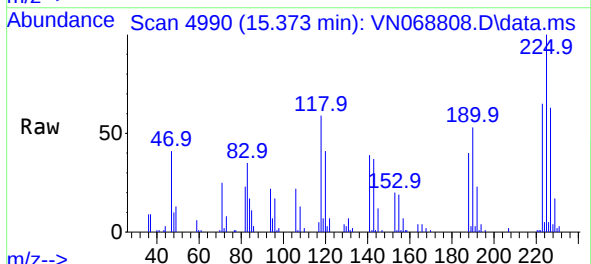
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1005WBS01

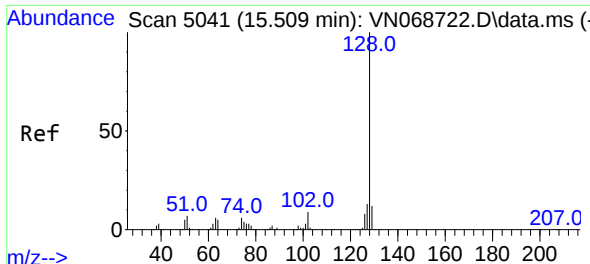
Tgt Ion:180 Resp: 94494  
Ion Ratio Lower Upper  
180 100  
182 96.6 77.7 116.5  
145 32.1 26.6 39.8



#90  
Hexachlorobutadiene  
Concen: 20.032 ug/l  
RT: 15.373 min Scan# 4990  
Delta R.T. 0.001 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

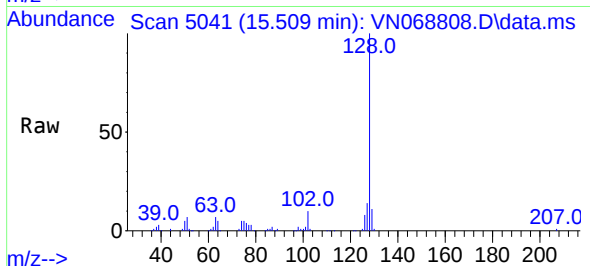
Tgt Ion:225 Resp: 55409  
Ion Ratio Lower Upper  
225 100  
223 62.7 0.0 126.8  
227 62.4 0.0 123.0





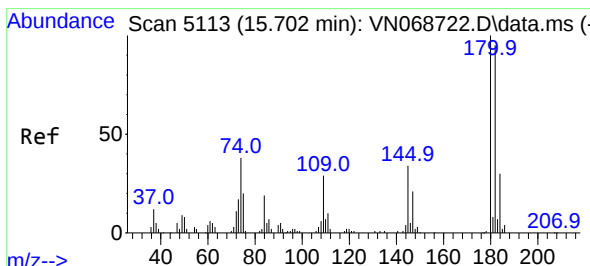
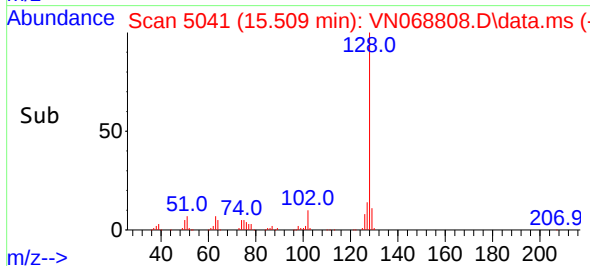
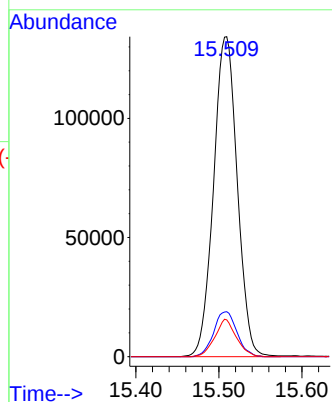
#91  
Naphthalene  
Concen: 17.011 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.000 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBS01

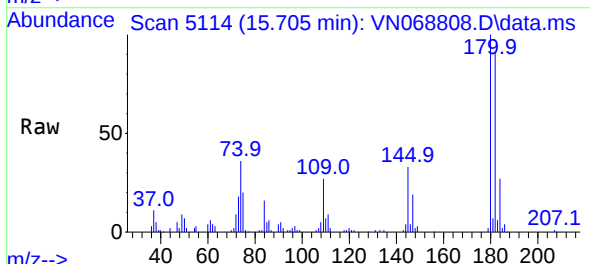


Tgt Ion:128 Resp: 266461

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.8  | 10.7  | 16.1  |
| 129 | 10.6  | 9.0   | 13.6  |



#92  
1,2,3-Trichlorobenzene  
Concen: 18.222 ug/l  
RT: 15.705 min Scan# 5114  
Delta R.T. 0.003 min  
Lab File: VN068808.D  
Acq: 5 Oct 2021 17:18



Tgt Ion:180 Resp: 96948

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.1  | 0.0   | 190.0 |
| 145 | 33.6  | 0.0   | 67.8  |

