

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071421\  
 Data File : VN067722.D  
 Acq On : 13 Jul 2021 17:24  
 Operator : JC/MD  
 Sample : VSTDIC100  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

Quant Time: Jul 14 01:08:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N071421W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Jul 14 01:07:13 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 7.659  | 128   | 96068    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.968  | 114   | 529051   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.747 | 117   | 526365   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.440  | 65    | 217078   | 28.276   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 94.267%  |
| 60) 4-Bromofluorobenzene     | 12.734 | 95    | 268235   | 31.702   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 105.667% |
| 63) Toluene-d8               | 10.443 | 98    | 714250   | 29.623   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 98.733%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.070  | 85    | 493098   | 100.030  | ug/l   | 96       |
| 3) Chloromethane             | 2.298  | 50    | 578669   | 94.054   | ug/l   | 97       |
| 4) Vinyl Chloride            | 2.440  | 62    | 896068   | 94.653   | ug/l   | 99       |
| 5) Bromomethane              | 2.818  | 94    | 732844   | 92.162   | ug/l   | 97       |
| 6) Chloroethane              | 2.998  | 64    | 636467   | 91.139   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.363  | 101   | 1596617  | 89.613   | ug/l   | 98       |
| 8) Diethyl Ether             | 3.816  | 74    | 314058   | 95.380   | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 4.194  | 101   | 479772   | 93.328   | ug/l   | 98       |
| 10) 1,1-Dichloroethene       | 4.167  | 96    | 453082   | 94.609   | ug/l   | 98       |
| 11) Methyl Iodide            | 4.411  | 142   | 654397   | 105.588  | ug/l   | 99       |
| 12) Methyl Acetate           | 4.854  | 43    | 610939   | 95.285   | ug/l   | 99       |
| 13) Acrolein                 | 4.036  | 56    | 304241   | 410.338  | ug/l # | 45       |
| 14) Acrylonitrile            | 5.557  | 53    | 1431427  | 516.866  | ug/l   | 100      |
| 15) Acetone                  | 4.288  | 58    | 327619   | 438.260  | ug/l   | 100      |
| 16) Carbon Disulfide         | 4.519  | 76    | 1230440  | 97.126   | ug/l   | 98       |
| 17) Allyl chloride           | 4.833  | 41    | 825870   | 101.110  | ug/l   | 98       |
| 18) Methylene Chloride       | 5.093  | 84    | 578405   | 92.734   | ug/l   | 96       |
| 19) trans-1,2-Dichloroethene | 5.594  | 96    | 567681   | 101.248  | ug/l   | 94       |
| 20) Diisopropyl ether        | 6.498  | 45    | 2024266  | 105.478  | ug/l   | 95       |
| 21) 1,1-Dichloroethane       | 6.385  | 63    | 1060214  | 99.880   | ug/l   | 99       |
| 22) cis-1,2-Dichloroethene   | 7.324  | 96    | 698571   | 102.868  | ug/l   | 95       |
| 23) tert-Butyl Alcohol       | 5.390  | 59    | 507509   | 466.869  | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 5.618  | 73    | 1969333  | 102.720  | ug/l   | 96       |
| 25) Chloroform               | 7.818  | 83    | 1198100  | 101.867  | ug/l   | 98       |
| 26) Cyclohexane              | 8.096  | 56    | 944772   | 101.770  | ug/l # | 98       |
| 29) 1,1-Dichloropropene      | 8.223  | 75    | 872983   | 106.284  | ug/l   | 98       |
| 30) 2-Butanone               | 7.340  | 43    | 2020967  | 525.719  | ug/l   | 98       |
| 31) 2,2-Dichloropropane      | 7.324  | 77    | 988618   | 105.102  | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 8.016  | 97    | 1078166  | 106.760  | ug/l   | 98       |
| 33) Carbon Tetrachloride     | 8.204  | 117   | 939735   | 109.103  | ug/l   | 100      |
| 34) Benzene                  | 8.461  | 78    | 2615347  | 105.952  | ug/l # | 95       |
| 35) Methacrylonitrile        | 7.641  | 41    | 424704   | 108.143  | ug/l   | 97       |
| 36) 1,2-Dichloroethane       | 8.531  | 62    | 938570   | 103.408  | ug/l   | 97       |
| 37) Trichloroethene          | 9.218  | 130   | 684668   | 106.032  | ug/l   | 97       |
| 38) Methylcyclohexane        | 9.459  | 83    | 972561   | 105.599  | ug/l   | 98       |
| 39) 1,2-Dichloropropane      | 9.491  | 63    | 664984   | 106.979  | ug/l   | 99       |
| 40) Dibromomethane           | 9.580  | 93    | 488098   | 106.922  | ug/l   | 95       |
| 41) Bromodichloromethane     | 9.762  | 83    | 971160   | 109.804  | ug/l   | 99       |
| 42) Vinyl Acetate            | 6.434  | 43    | 8729869  | 567.477  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071421\  
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 Operator : JC/MD  
 Sample : VSTDIC100  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

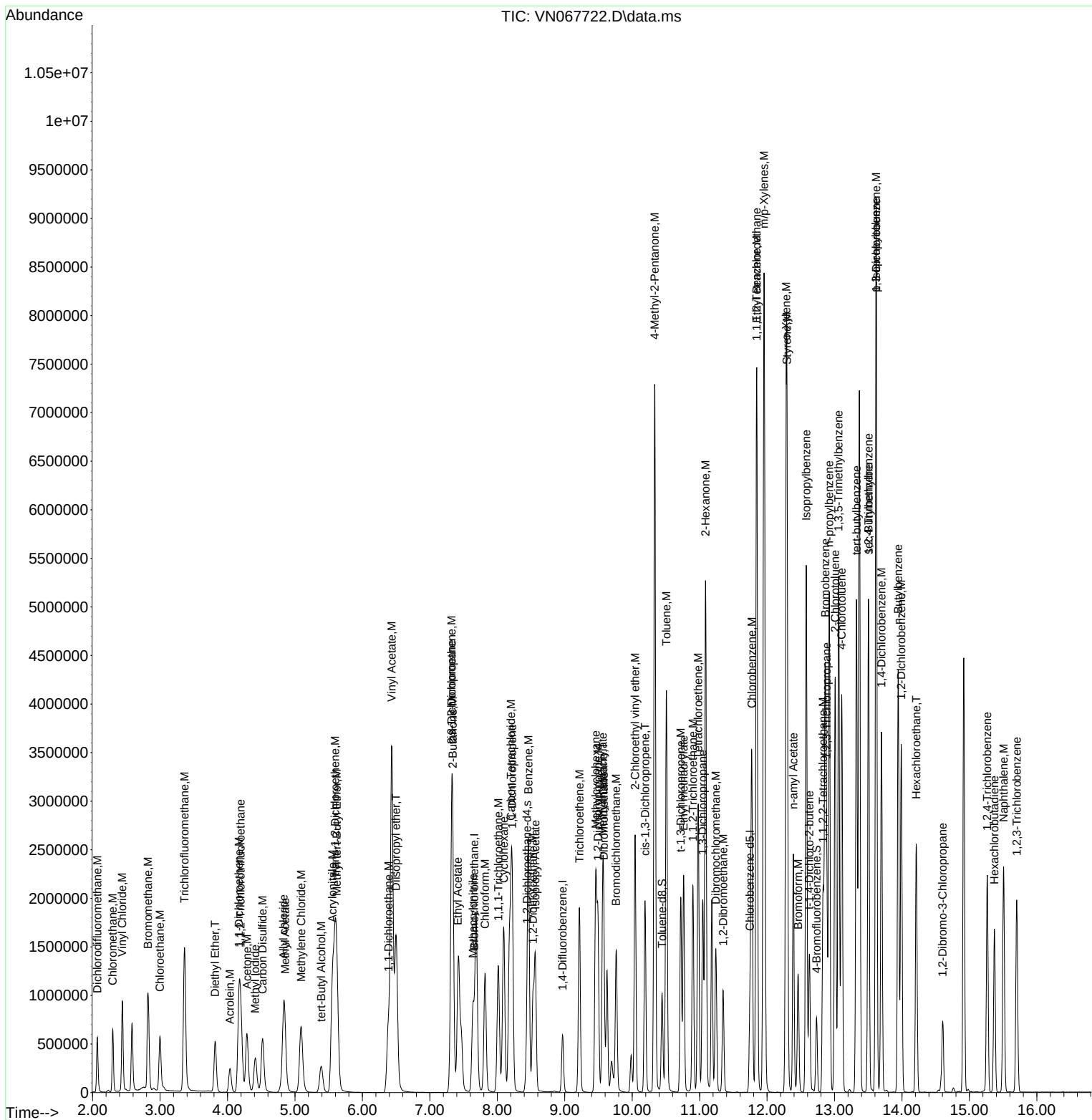
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

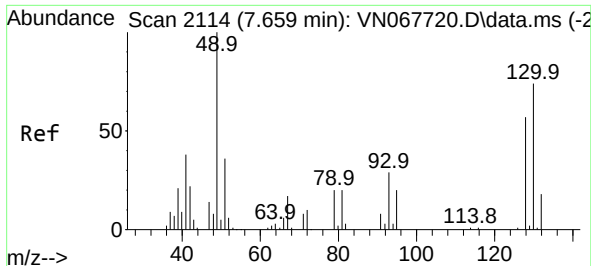
Quant Time: Jul 14 01:08:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N071421W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Jul 14 01:07:13 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 43) Ethyl Acetate             | 7.415  | 43   | 851742   | 106.123  | ug/l   | 97       |
| 44) Isopropyl Acetate         | 8.563  | 43   | 1490313  | 107.483  | ug/l   | 99       |
| 45) 1,4-Dioxane               | 9.572  | 88   | 232847   | 2164.837 | ug/l   | 96       |
| 46) Methyl methacrylate       | 9.561  | 41   | 659224   | 109.071  | ug/l   | 97       |
| 47) n-amyl Acetate            | 12.390 | 43   | 1326860  | 115.167  | ug/l   | 100      |
| 48) t-1,3-Dichloropropene     | 10.719 | 75   | 1096041  | 113.797  | ug/l   | 96       |
| 49) cis-1,3-Dichloropropene   | 10.191 | 75   | 1136191  | 112.250  | ug/l   | 95       |
| 50) 1,1,2-Trichloroethane     | 10.902 | 97   | 699946   | 109.184  | ug/l   | 98       |
| 51) Ethyl methacrylate        | 10.762 | 69   | 1141843  | 114.192  | ug/l   | 93       |
| 52) 1,3-Dichloropropane       | 11.047 | 76   | 1152726  | 108.941  | ug/l   | 98       |
| 53) Dibromochloromethane      | 11.240 | 129  | 791460   | 116.286  | ug/l   | 98       |
| 54) 1,2-Dibromoethane         | 11.347 | 107  | 731261   | 109.712  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether | 10.044 | 63   | 1174356  | 562.189  | ug/l   | 99       |
| 56) Bromoform                 | 12.460 | 173  | 607193   | 127.450  | ug/l # | 99       |
| 58) 4-Methyl-2-Pentanone      | 10.333 | 43   | 4781214  | 536.014  | ug/l   | 97       |
| 59) 2-Hexanone                | 11.087 | 43   | 3383560  | 537.913  | ug/l   | 97       |
| 61) Tetrachloroethene         | 10.980 | 164  | 667812   | 102.631  | ug/l   | 95       |
| 62) Toluene                   | 10.508 | 91   | 3194855  | 104.555  | ug/l   | 99       |
| 64) Chlorobenzene             | 11.773 | 112  | 1969020  | 106.858  | ug/l   | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 756220   | 110.339  | ug/l   | 98       |
| 66) Ethyl Benzene             | 11.846 | 91   | 3650337  | 107.932  | ug/l   | 99       |
| 67) m/p-Xylenes               | 11.956 | 106  | 2832503  | 218.942  | ug/l   | 96       |
| 68) o-Xylene                  | 12.283 | 106  | 1410768  | 110.300  | ug/l   | 96       |
| 69) Styrene                   | 12.296 | 104  | 2406255  | 114.706  | ug/l   | 99       |
| 70) Isopropylbenzene          | 12.581 | 105  | 3677232  | 111.482  | ug/l   | 97       |
| 71) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 1030287  | 110.250  | ug/l   | 100      |
| 72) 1,2,3-Trichloropropane    | 12.881 | 75   | 1325786  | 166.030  | ug/l   | 65       |
| 73) Bromobenzene              | 12.862 | 156  | 876227   | 115.576  | ug/l   | 92       |
| 74) n-propylbenzene           | 12.921 | 91   | 4198012  | 111.690  | ug/l   | 97       |
| 75) 2-Chlorotoluene           | 13.010 | 91   | 2491808  | 110.401  | ug/l   | 96       |
| 76) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 3031933  | 111.137  | ug/l   | 98       |
| 77) t-1,4-Dichloro-2-butene   | 12.629 | 75   | 330699   | 122.442  | ug/l   | 86       |
| 78) 4-Chlorotoluene           | 13.106 | 91   | 2497022  | 111.610  | ug/l   | 97       |
| 79) tert-butylbenzene         | 13.326 | 119  | 2604665  | 112.654  | ug/l   | 97       |
| 80) 1,2,4-Trimethylbenzene    | 13.503 | 105  | 3615428  | 134.637  | ug/l   | 100      |
| 81) sec-Butylbenzene          | 13.503 | 105  | 3615428  | 112.645  | ug/l   | 97       |
| 82) p-Isopropyltoluene        | 13.616 | 119  | 3104161  | 116.058  | ug/l   | 97       |
| 83) 1,3-Dichlorobenzene       | 13.619 | 146  | 1649231  | 116.457  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 13.696 | 146  | 1601419  | 116.775  | ug/l   | 99       |
| 85) n-Butylbenzene            | 13.943 | 91   | 2544975  | 114.832  | ug/l   | 98       |
| 86) Hexachloroethane          | 14.211 | 117  | 534336   | 117.000  | ug/l   | 91       |
| 87) 1,2-Dichlorobenzene       | 13.989 | 146  | 1555517  | 116.085  | ug/l   | 98       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.603 | 75   | 185686   | 109.429  | ug/l   | 85       |
| 89) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 737192   | 116.795  | ug/l   | 99       |
| 90) Hexachlorobutadiene       | 15.370 | 225  | 322806   | 107.451  | ug/l   | 95       |
| 91) Naphthalene               | 15.507 | 128  | 2123908  | 122.947  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 15.703 | 180  | 697427   | 116.127  | ug/l   | 99       |

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N071421W.M  
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QLast Update : Wed Jul 14 01:07:13 2021  
Response via : Initial Calibration

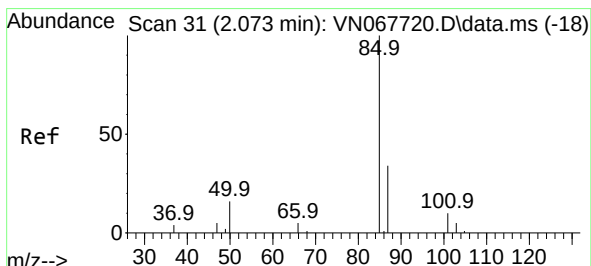
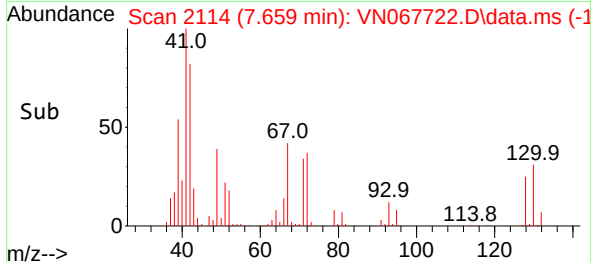
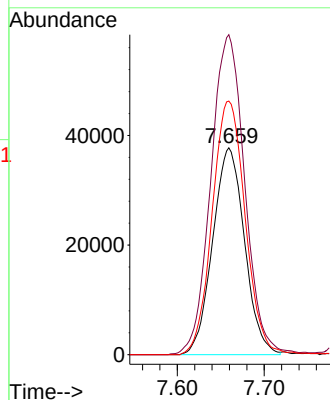
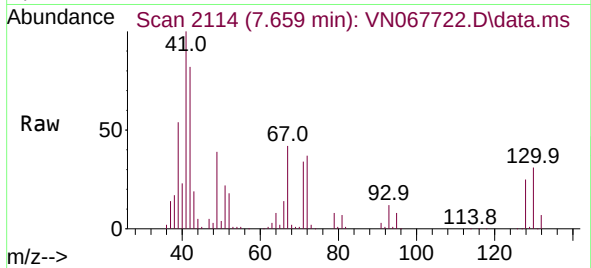




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.659 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

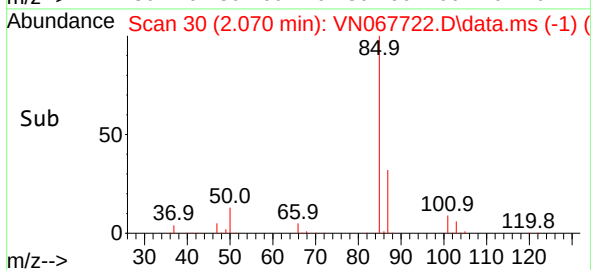
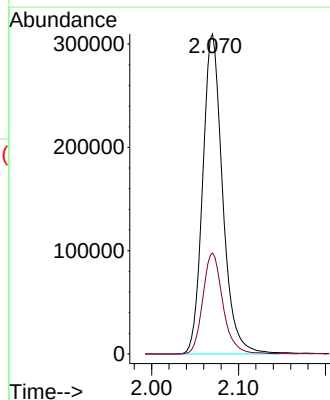
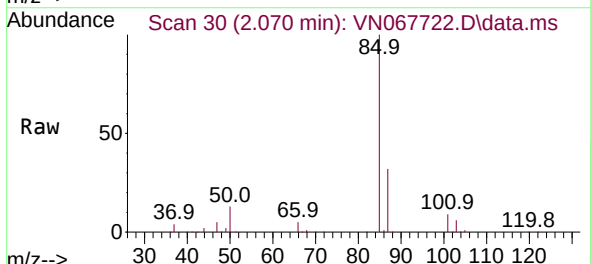
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

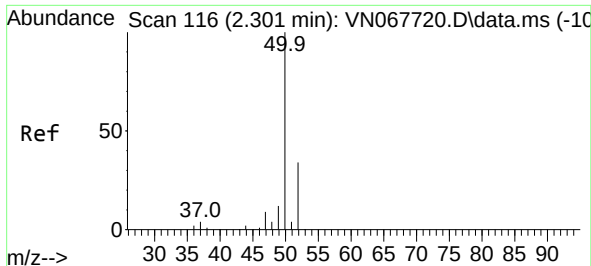
Tgt Ion:128 Resp: 96068  
Ion Ratio Lower Upper  
128 100  
49 164.6 0.0 433.0  
130 126.9 0.0 323.8



#2  
Dichlorodifluoromethane  
Concen: 100.030 ug/l  
RT: 2.070 min Scan# 30  
Delta R.T. -0.003 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 85 Resp: 493098  
Ion Ratio Lower Upper  
85 100  
87 31.6 17.0 50.9

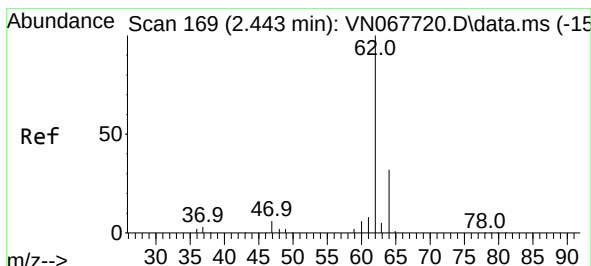
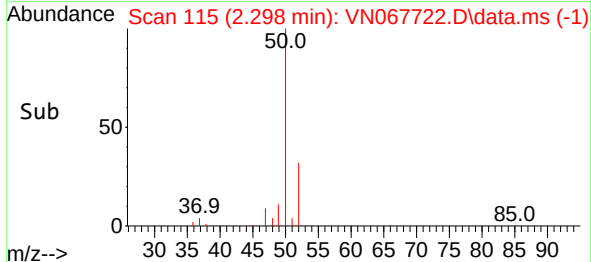
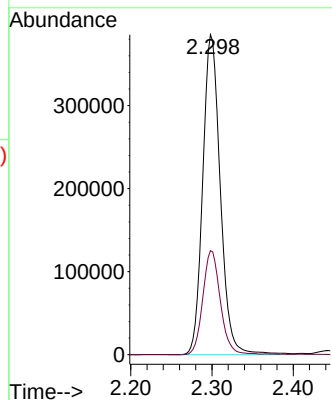
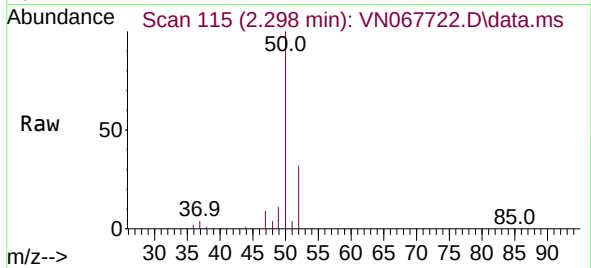




#3  
Chloromethane  
Concen: 94.054 ug/l  
RT: 2.298 min Scan# 115  
Delta R.T. -0.003 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

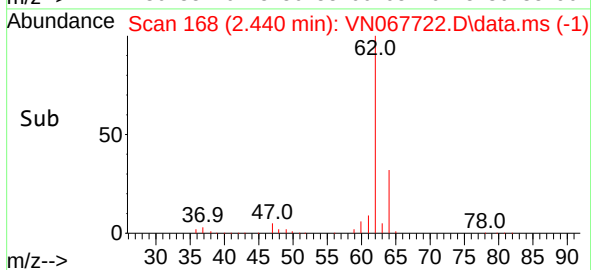
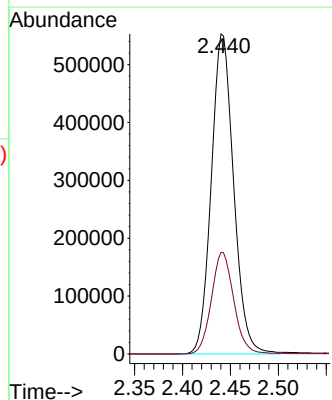
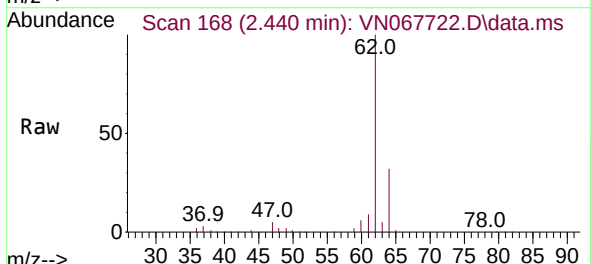
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

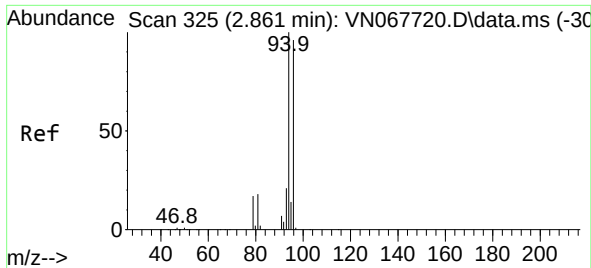
Tgt Ion: 50 Resp: 578669  
Ion Ratio Lower Upper  
50 100  
52 32.5 27.2 40.8



#4  
Vinyl Chloride  
Concen: 94.653 ug/l  
RT: 2.440 min Scan# 168  
Delta R.T. -0.003 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 62 Resp: 896068  
Ion Ratio Lower Upper  
62 100  
64 31.7 25.9 38.9

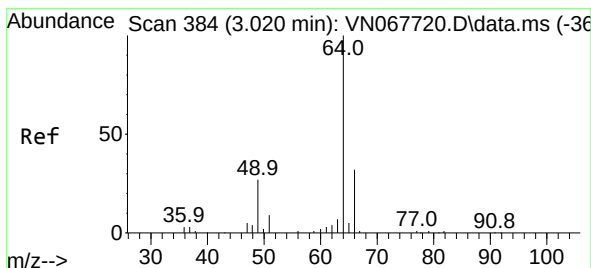
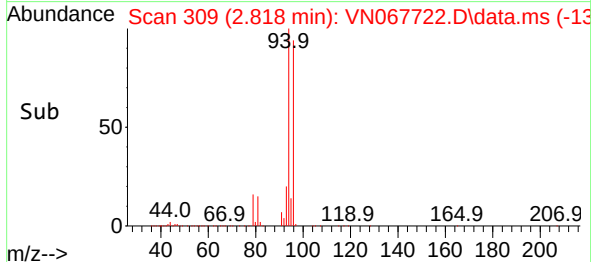
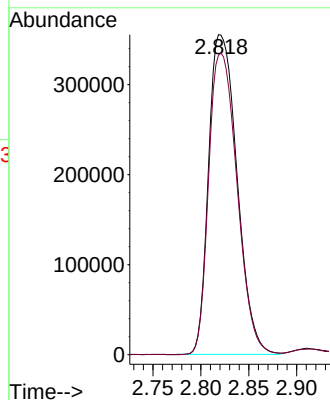
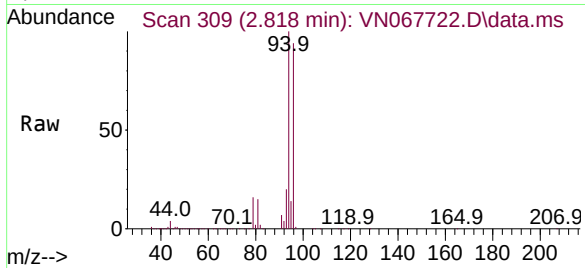




#5  
Bromomethane  
Concen: 92.162 ug/l  
RT: 2.818 min Scan# 309  
Delta R.T. -0.043 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

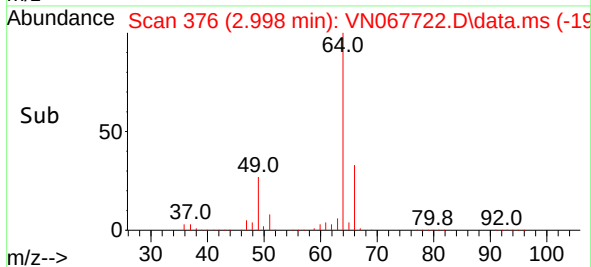
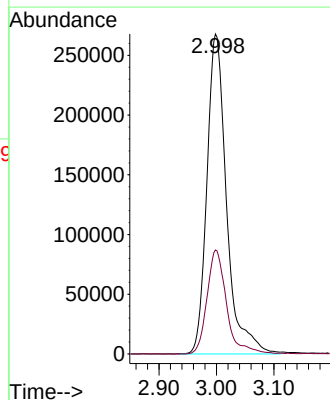
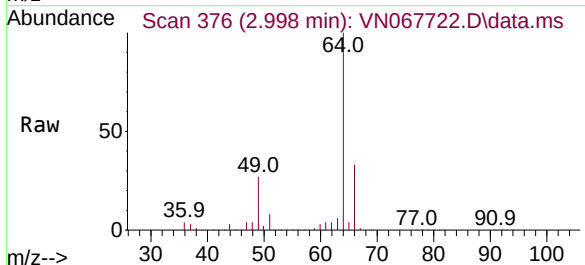
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

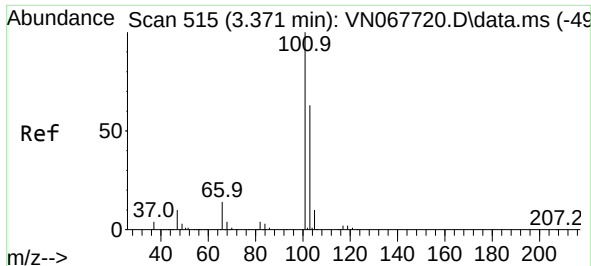
Tgt Ion: 94 Resp: 732844  
Ion Ratio Lower Upper  
94 100  
96 93.7 76.9 115.3



#6  
Chloroethane  
Concen: 91.139 ug/l  
RT: 2.998 min Scan# 376  
Delta R.T. -0.021 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 64 Resp: 636467  
Ion Ratio Lower Upper  
64 100  
66 32.5 25.4 38.0

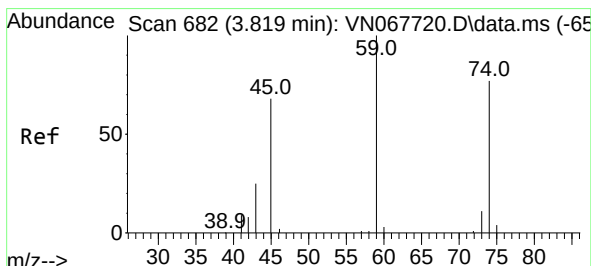
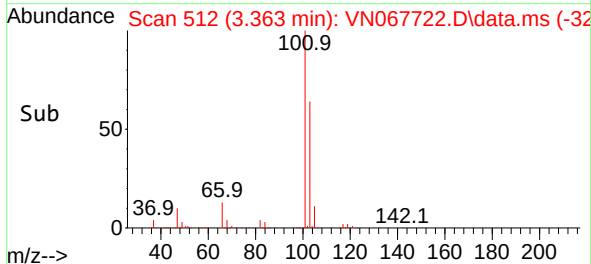
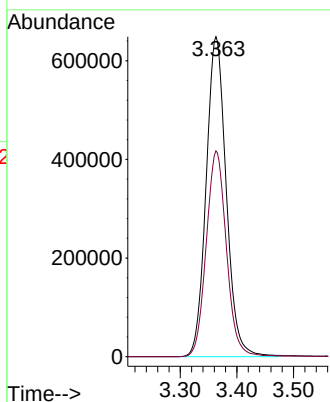
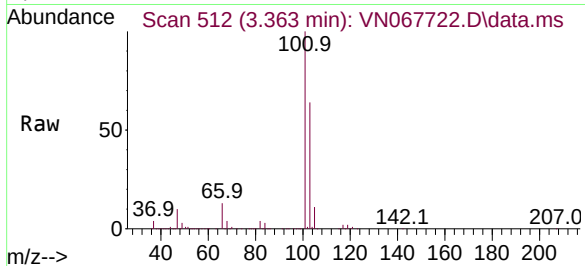




#7  
Trichlorofluoromethane  
Concen: 89.613 ug/l  
RT: 3.363 min Scan# 512  
Delta R.T. -0.008 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

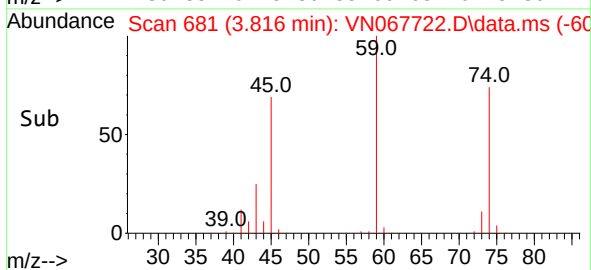
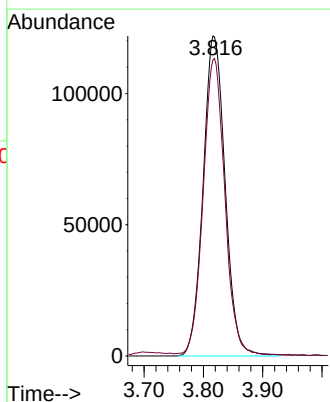
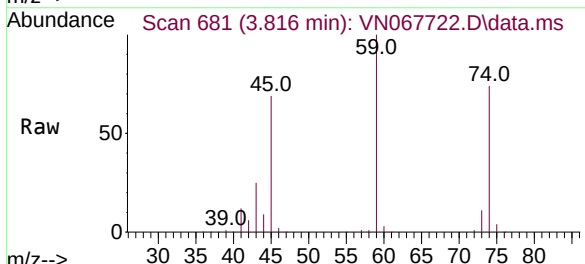
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

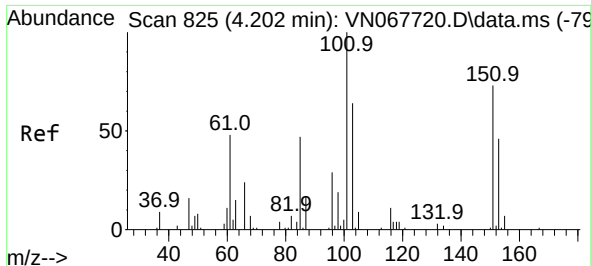
Tgt Ion:101 Resp: 1596617  
Ion Ratio Lower Upper  
101 100  
103 64.3 50.3 75.5



#8  
Diethyl Ether  
Concen: 95.380 ug/l  
RT: 3.816 min Scan# 681  
Delta R.T. -0.003 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 74 Resp: 314058  
Ion Ratio Lower Upper  
74 100  
45 89.1 17.5 157.1

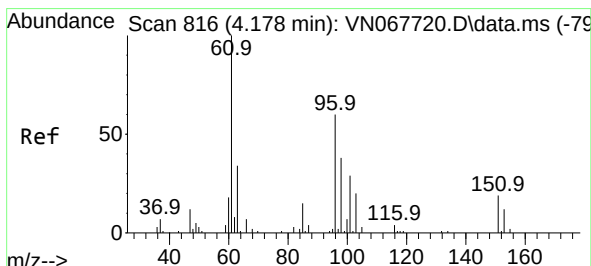
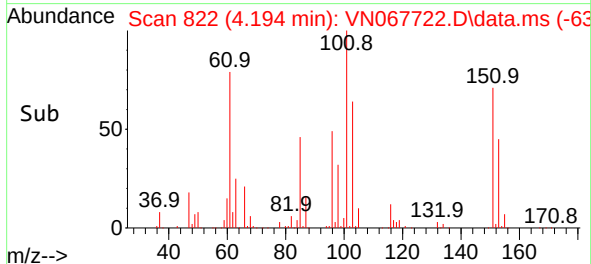
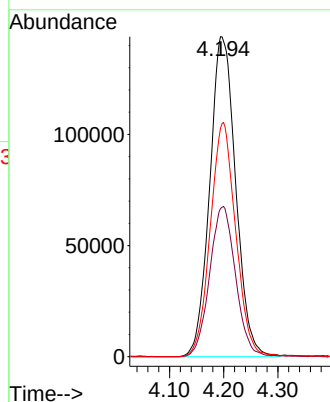
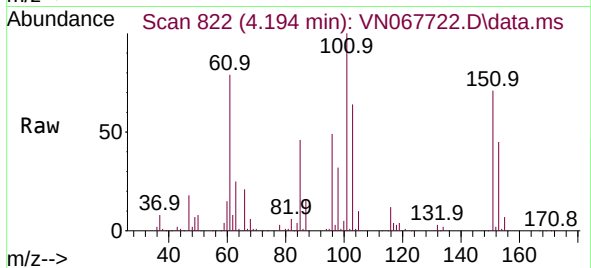




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 93.328 ug/l  
RT: 4.194 min Scan# 822  
Delta R.T. -0.008 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

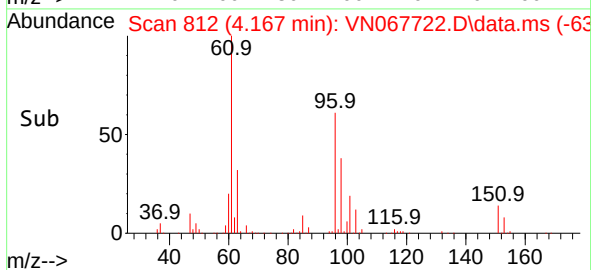
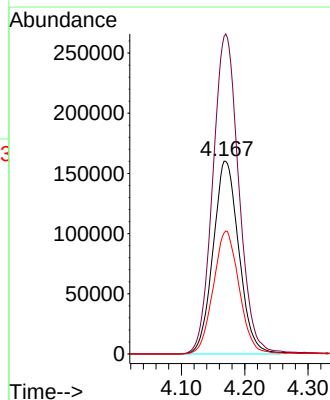
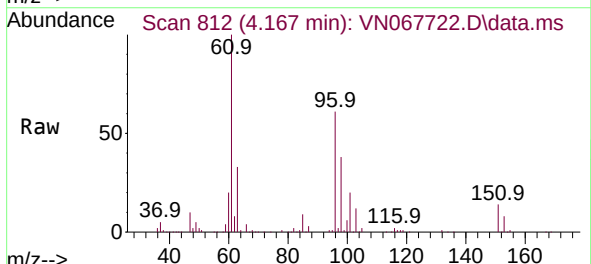
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion:101 Resp: 479772  
Ion Ratio Lower Upper  
101 100  
85 46.4 0.0 98.0  
151 71.4 0.0 143.8

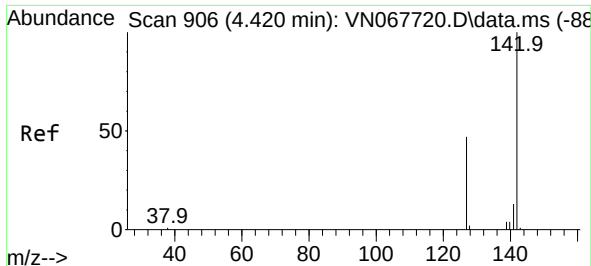


#10  
1,1-Dichloroethene  
Concen: 94.609 ug/l  
RT: 4.167 min Scan# 812  
Delta R.T. -0.011 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 96 Resp: 453082  
Ion Ratio Lower Upper  
96 100  
61 164.7 133.9 200.9  
98 62.8 50.5 75.7



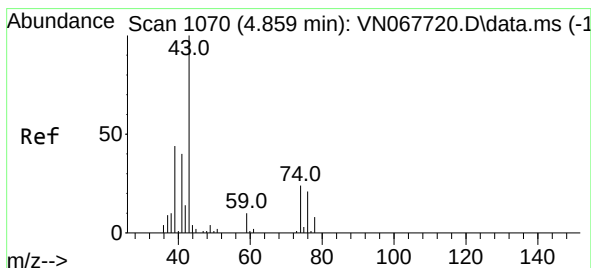
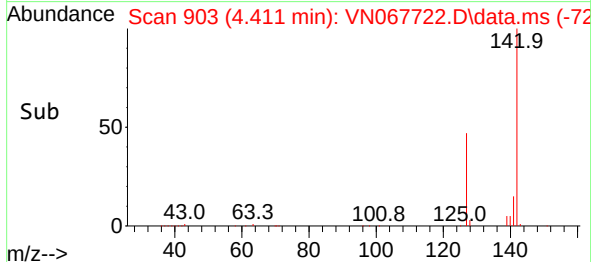
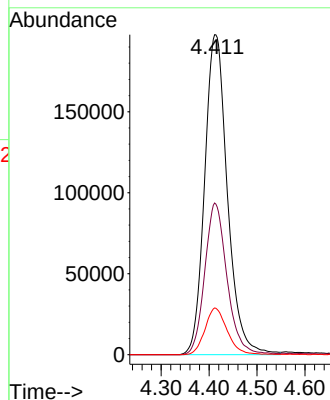
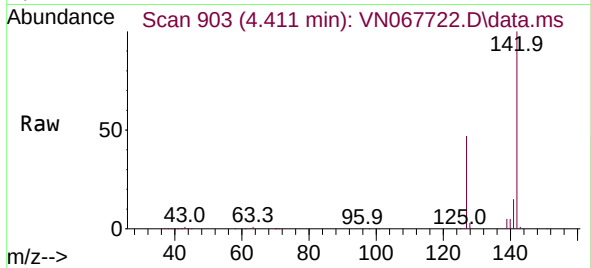




#11  
Methyl Iodide  
Concen: 105.588 ug/l  
RT: 4.411 min Scan# 903  
Delta R.T. -0.008 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

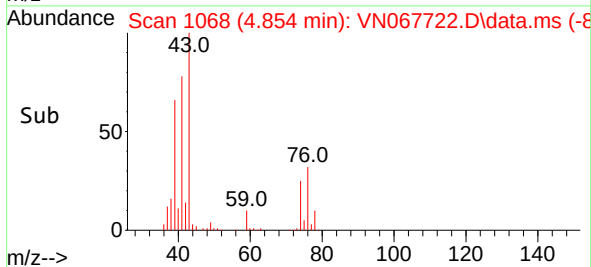
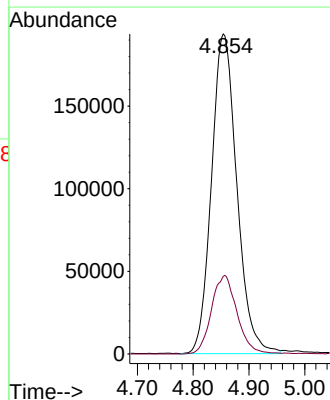
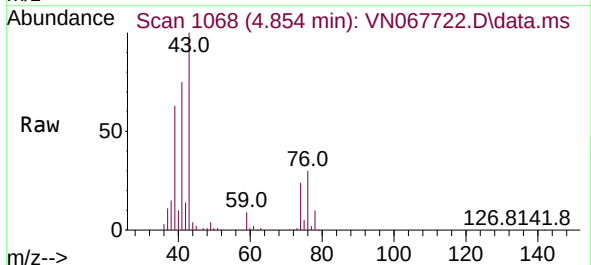
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

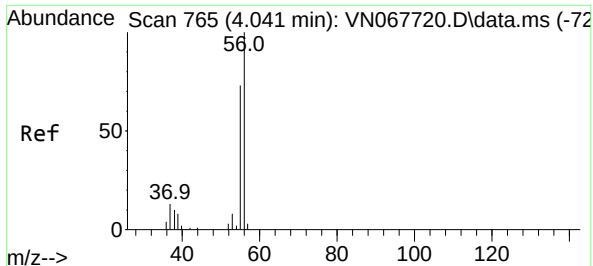
Tgt Ion:142 Resp: 654397  
Ion Ratio Lower Upper  
142 100  
127 47.4 23.4 70.2  
141 14.6 6.7 20.0



#12  
Methyl Acetate  
Concen: 95.285 ug/l  
RT: 4.854 min Scan# 1068  
Delta R.T. -0.005 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 43 Resp: 610939  
Ion Ratio Lower Upper  
43 100  
74 24.3 19.8 29.6

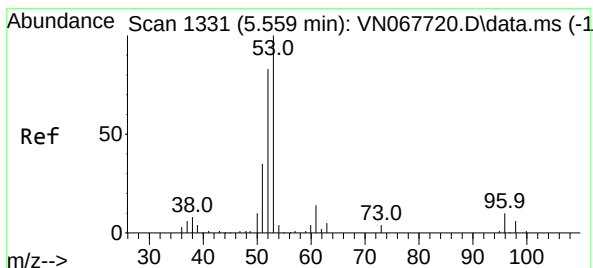
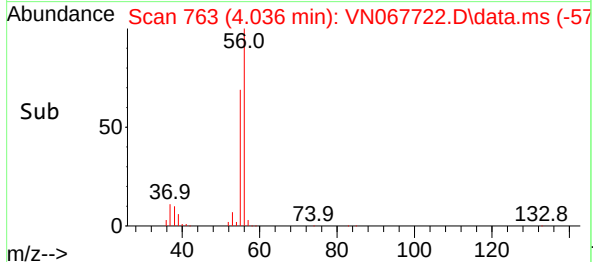
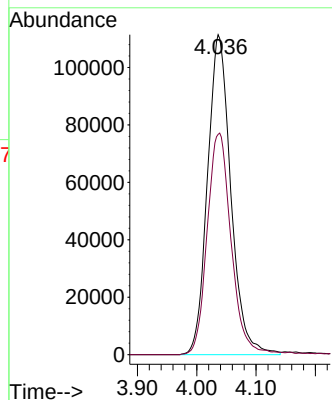
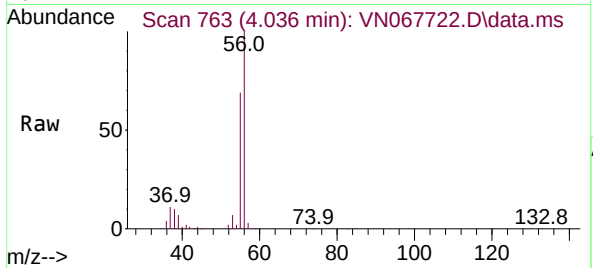




#13  
Acrolein  
Concen: 410.338 ug/l  
RT: 4.036 min Scan# 763  
Delta R.T. -0.005 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

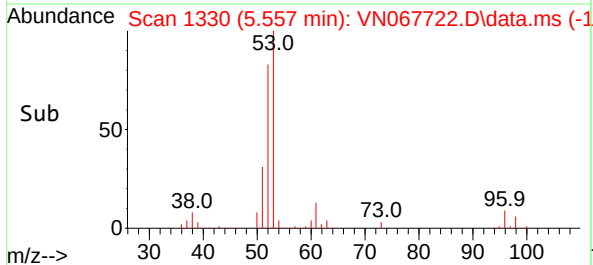
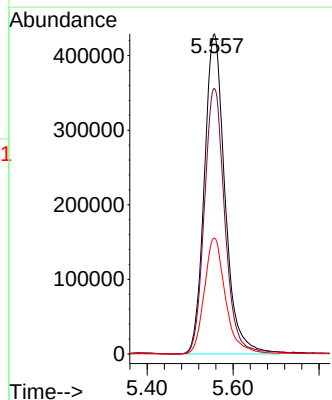
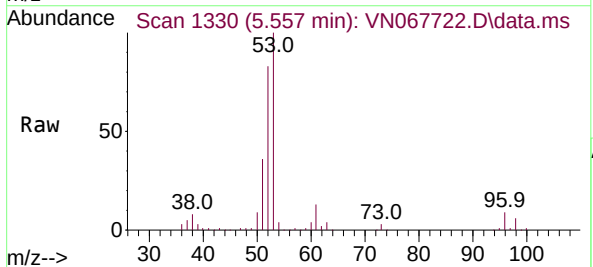
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

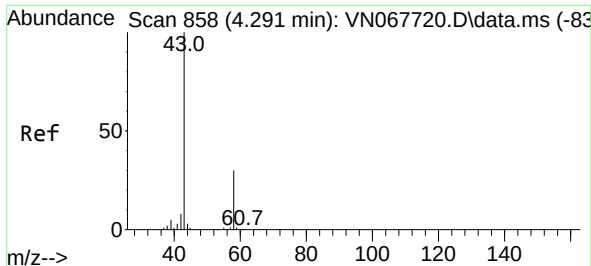
Tgt Ion: 56 Resp: 304241  
Ion Ratio Lower Upper  
56 100  
55 70.4 0.2 0.2#



#14  
Acrylonitrile  
Concen: 516.866 ug/l  
RT: 5.557 min Scan# 1330  
Delta R.T. -0.003 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 53 Resp: 1431427  
Ion Ratio Lower Upper  
53 100  
52 82.1 41.3 123.7  
51 37.1 18.4 55.0

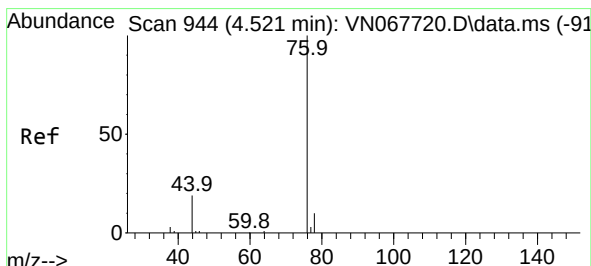
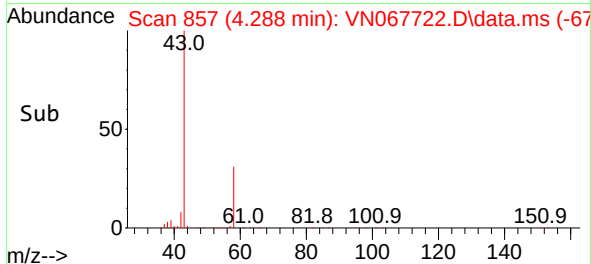
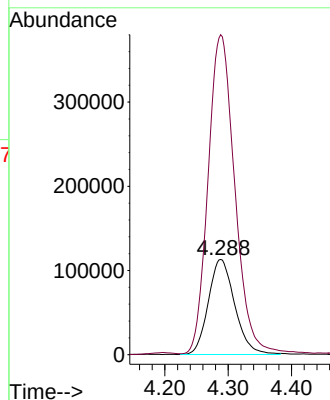
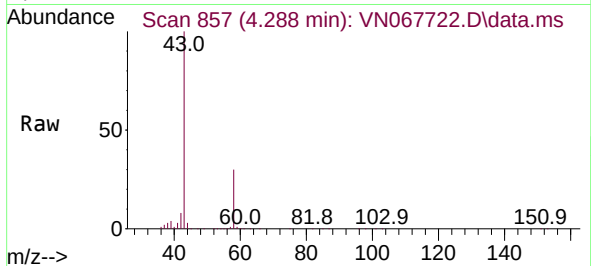




#15  
Acetone  
Concen: 438.260 ug/l  
RT: 4.288 min Scan# 857  
Delta R.T. -0.003 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

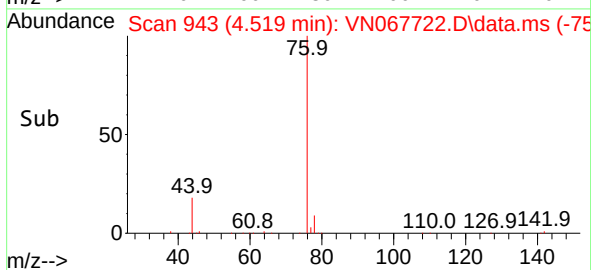
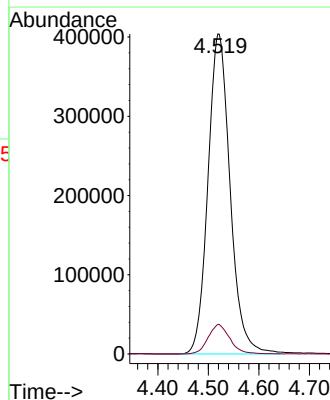
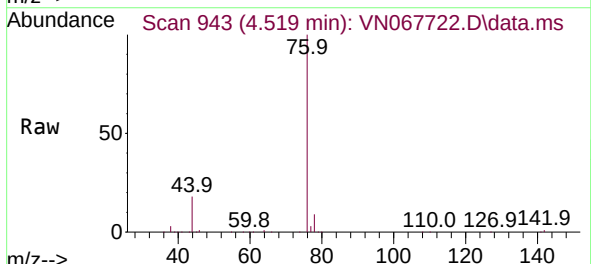
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

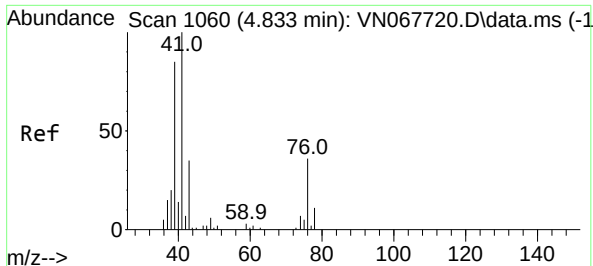
Tgt Ion: 58 Resp: 327619  
Ion Ratio Lower Upper  
58 100  
43 335.6 268.2 402.4



#16  
Carbon Disulfide  
Concen: 97.126 ug/l  
RT: 4.519 min Scan# 943  
Delta R.T. -0.003 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 76 Resp: 1230440  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.9 11.9

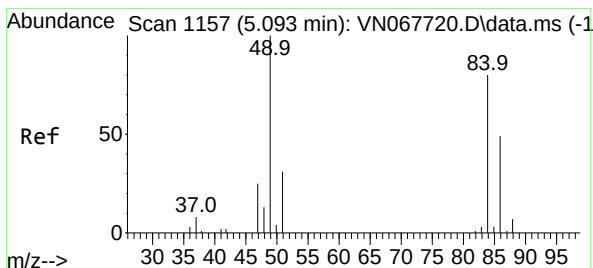
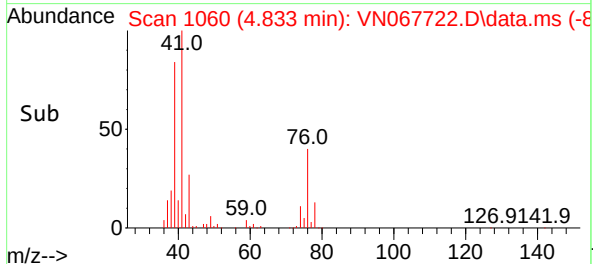
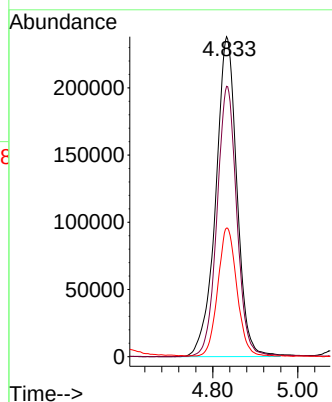
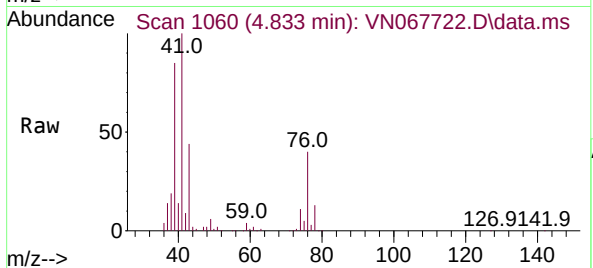




#17  
 Allyl chloride  
 Concen: 101.110 ug/l  
 RT: 4.833 min Scan# 1060  
 Delta R.T. 0.000 min  
 Lab File: VN067722.D  
 Acq: 13 Jul 2021 17:24

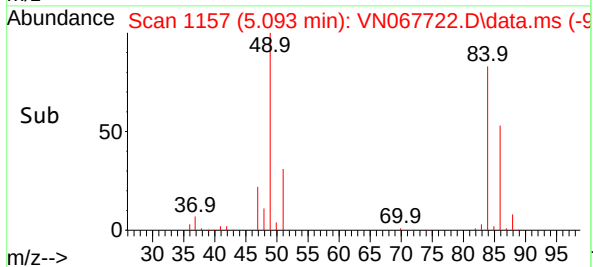
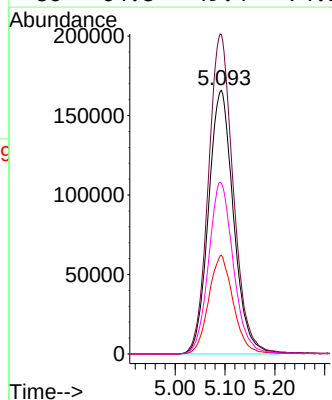
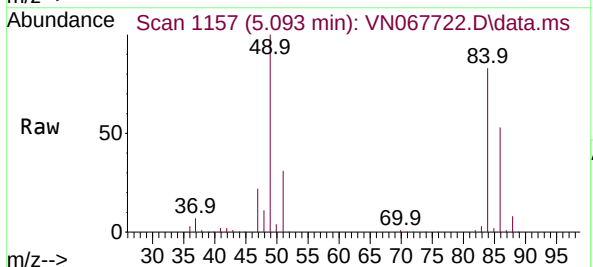
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

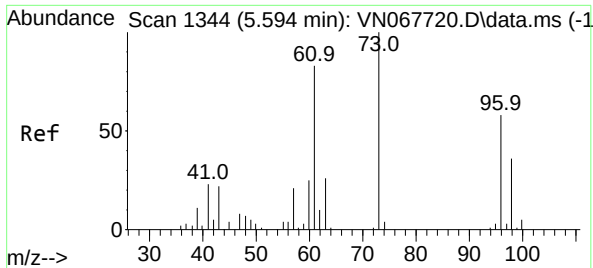
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 825870 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 84.6  | 42.4  | 127.3  |
| 76       | 39.9  | 17.9  | 53.8   |



#18  
 Methylene Chloride  
 Concen: 92.734 ug/l  
 RT: 5.093 min Scan# 1157  
 Delta R.T. 0.000 min  
 Lab File: VN067722.D  
 Acq: 13 Jul 2021 17:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 578405 |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 121.1 | 100.5 | 150.7  |
| 51       | 37.5  | 30.7  | 46.1   |
| 86       | 64.8  | 49.4  | 74.2   |



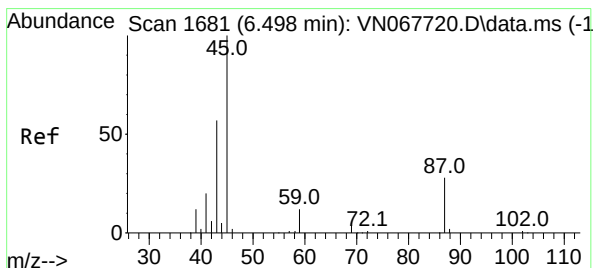
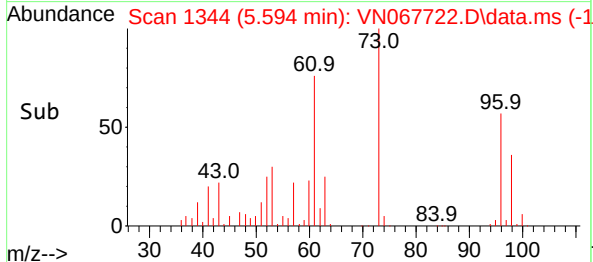
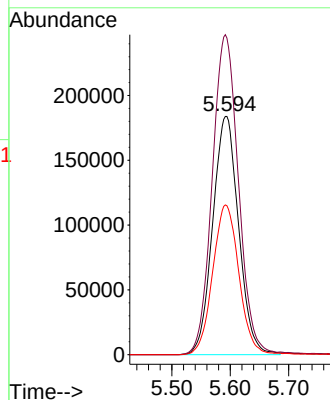
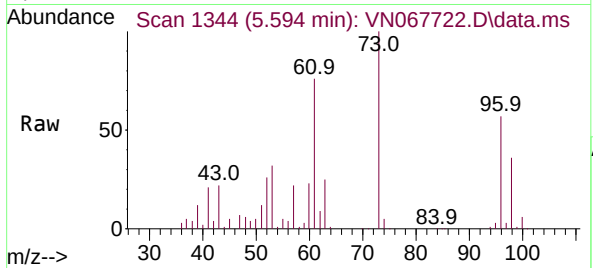


#19

trans-1,2-Dichloroethene  
Concen: 101.248 ug/l  
RT: 5.594 min Scan# 1344  
Delta R.T. 0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

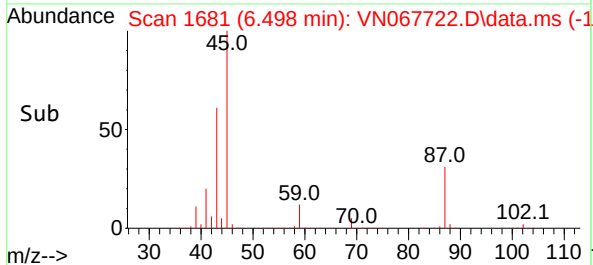
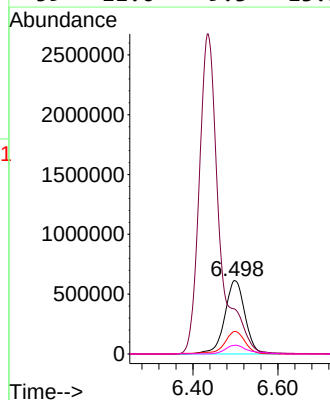
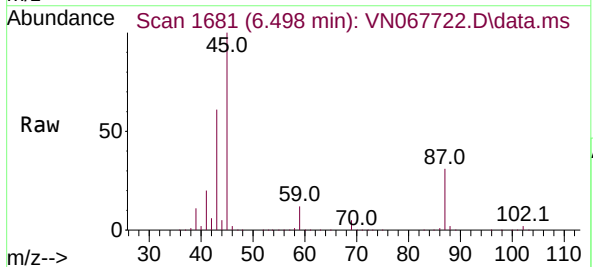
Tgt Ion: 96 Resp: 567681  
Ion Ratio Lower Upper  
96 100  
61 132.7 114.3 171.5  
98 62.5 49.3 73.9

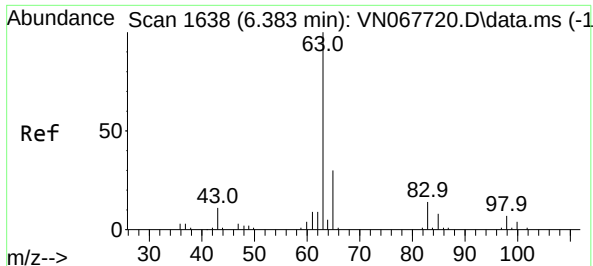


#20

Diisopropyl ether  
Concen: 105.478 ug/l  
RT: 6.498 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 45 Resp: 2024266  
Ion Ratio Lower Upper  
45 100  
43 60.5 51.8 77.6  
87 30.6 22.5 33.7  
59 11.6 9.3 13.9





#21

1,1-Dichloroethane

Concen: 99.880 ug/l

RT: 6.385 min Scan# 1639

Delta R.T. 0.003 min

Lab File: VN067722.D

Acq: 13 Jul 2021 17:24

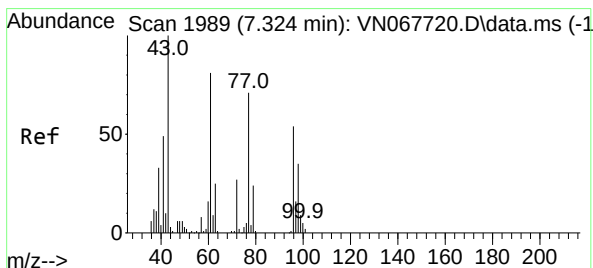
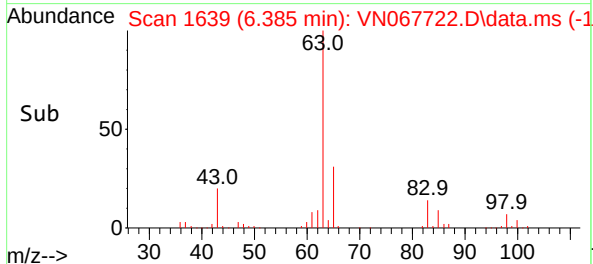
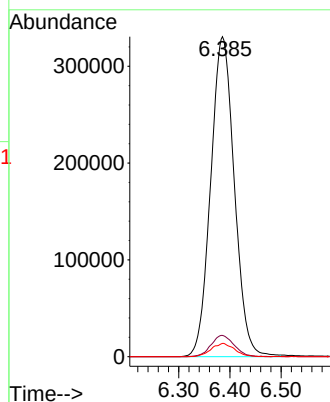
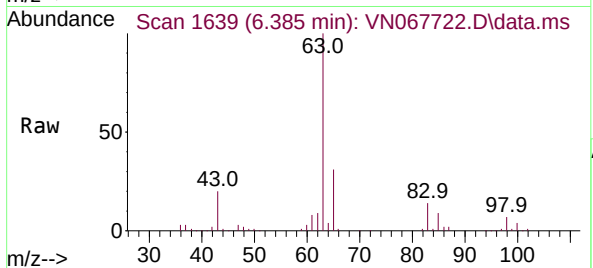
Tgt Ion: 63 Resp: 1060214

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.2 2.0 5.8



#22

cis-1,2-Dichloroethene

Concen: 102.868 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. 0.000 min

Lab File: VN067722.D

Acq: 13 Jul 2021 17:24

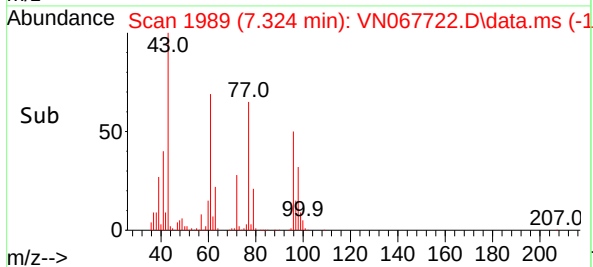
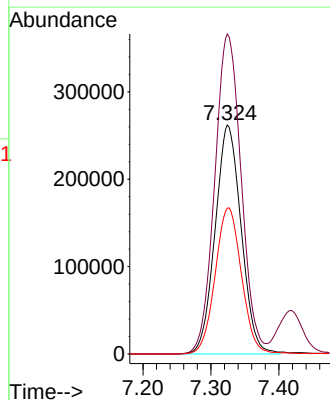
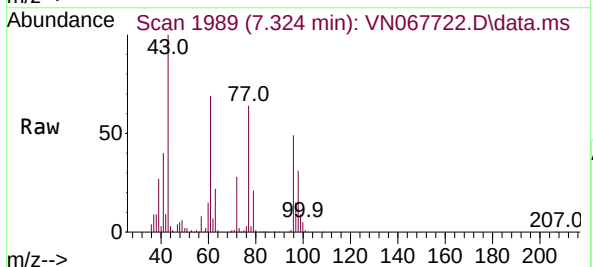
Tgt Ion: 96 Resp: 698571

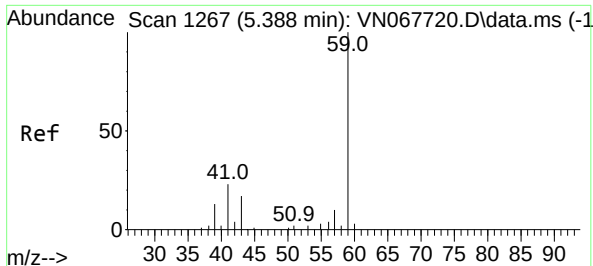
Ion Ratio Lower Upper

96 100

61 142.0 121.2 181.8

98 64.1 51.8 77.8



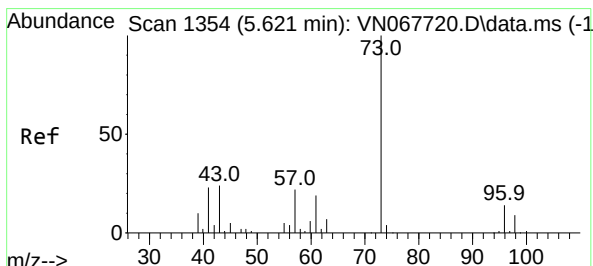
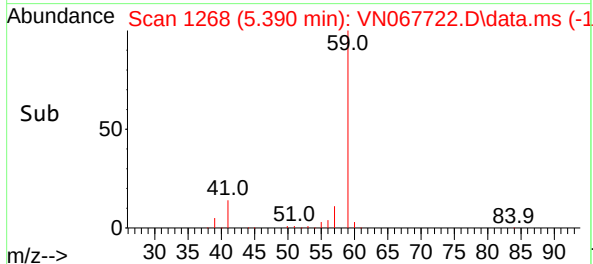
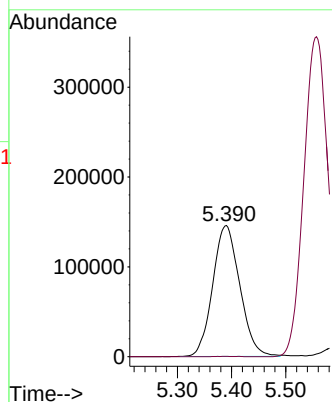
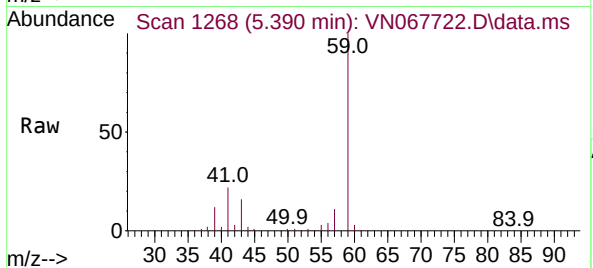


#23

tert-Butyl Alcohol  
Concen: 466.869 ug/l  
RT: 5.390 min Scan# 1268  
Delta R.T. 0.003 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC100

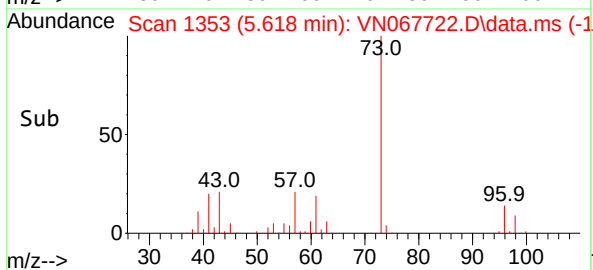
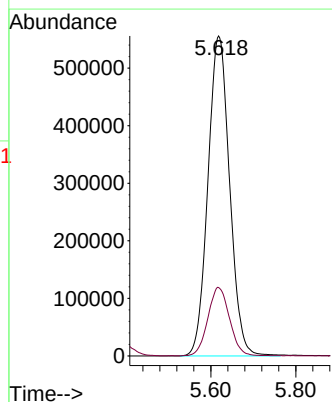
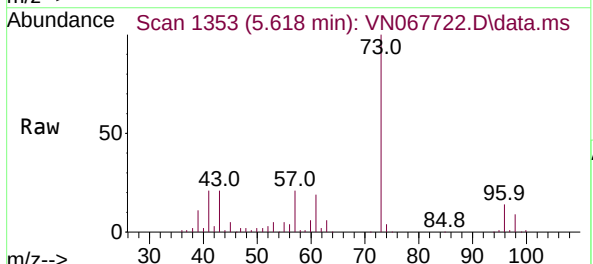
Tgt Ion: 59 Resp: 507509  
Ion Ratio Lower Upper  
59 100  
52 0.1 0.0 0.0#

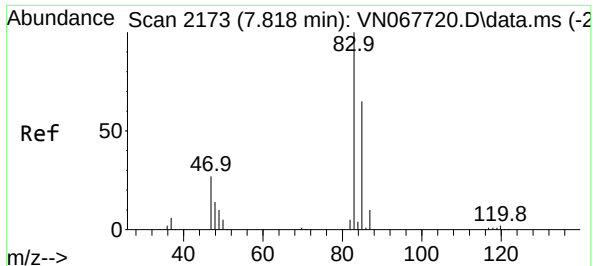


#24

Methyl tert-Butyl Ether  
Concen: 102.720 ug/l  
RT: 5.618 min Scan# 1353  
Delta R.T. -0.003 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 73 Resp: 1969333  
Ion Ratio Lower Upper  
73 100  
43 21.3 18.6 27.8



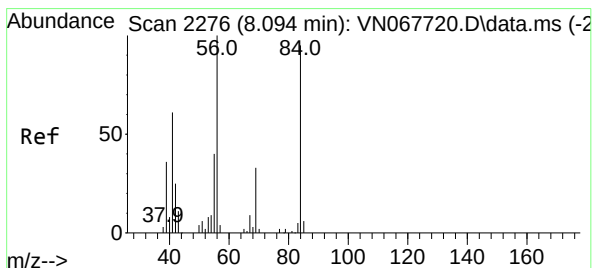
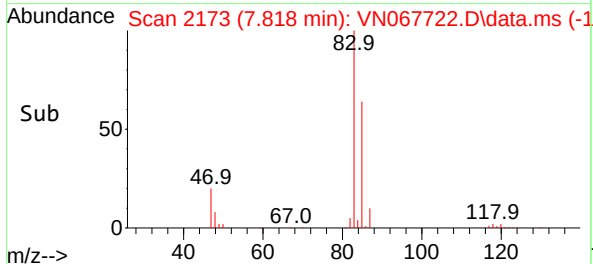
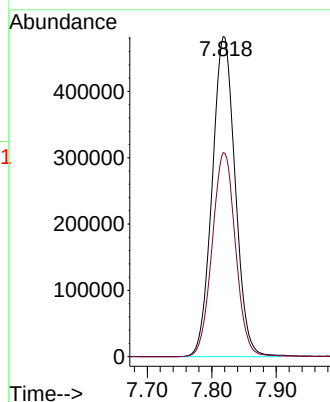
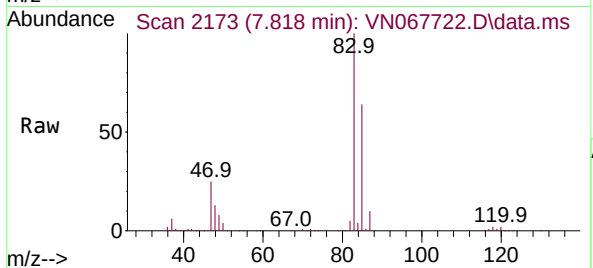


#25

Chloroform  
Concen: 101.867 ug/l  
RT: 7.818 min Scan# 2173  
Delta R.T. 0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

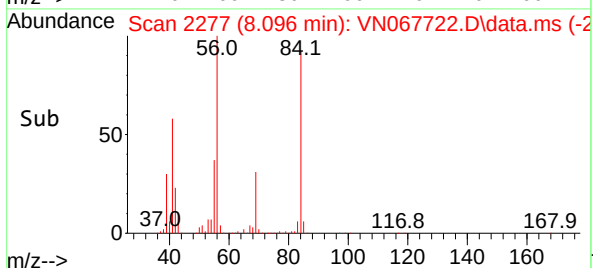
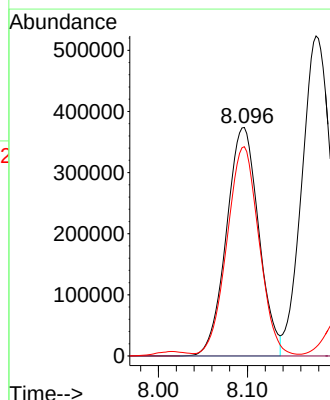
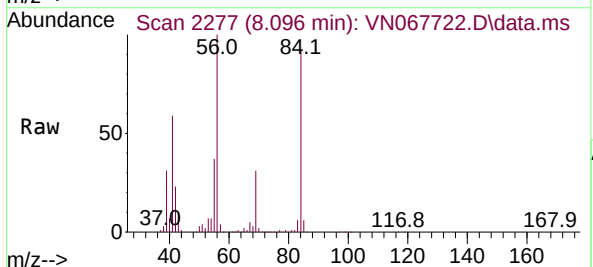
Tgt Ion: 83 Resp: 1198100  
Ion Ratio Lower Upper  
83 100  
85 63.7 52.3 78.5



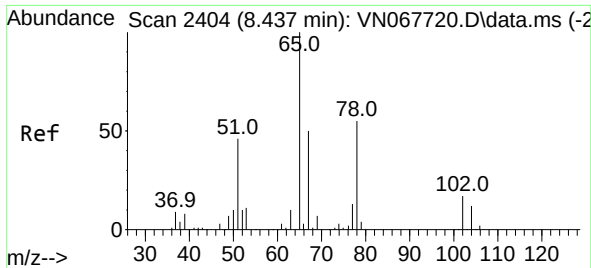
#26

Cyclohexane  
Concen: 101.770 ug/l  
RT: 8.096 min Scan# 2277  
Delta R.T. 0.003 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 56 Resp: 944772  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 91.2 71.4 107.0





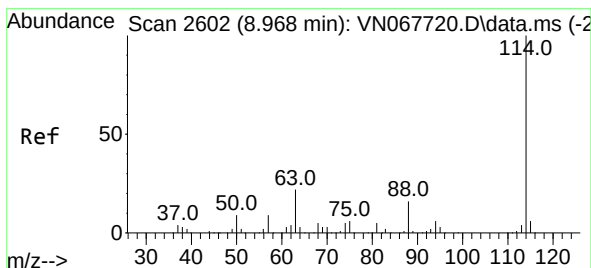
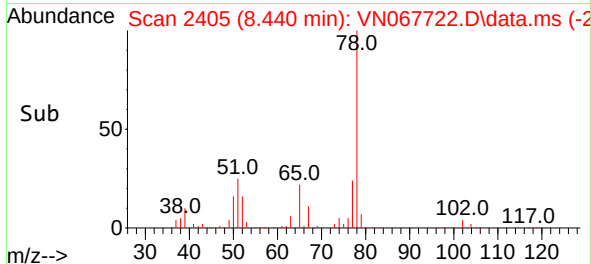
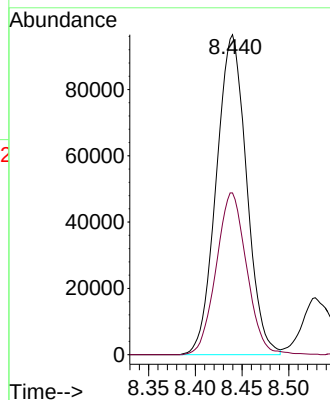
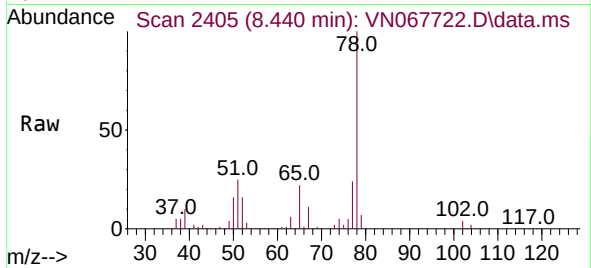


#27

1,2-Dichloroethane-d4  
Concen: 28.276 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. 0.003 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

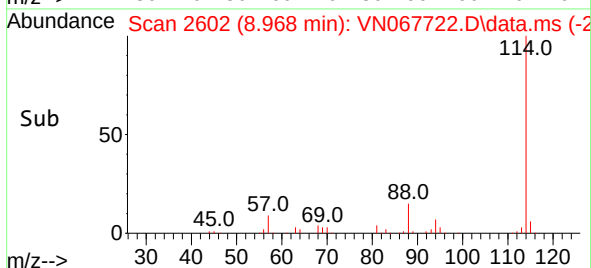
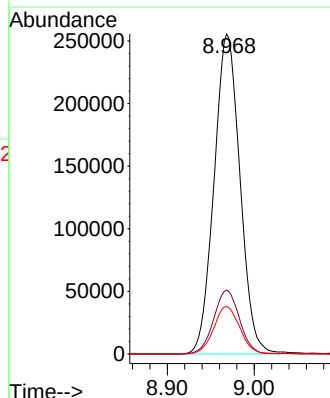
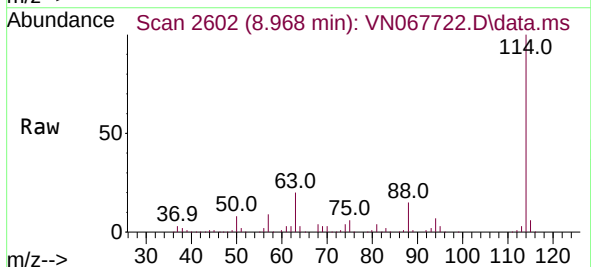
Tgt Ion: 65 Resp: 217078  
Ion Ratio Lower Upper  
65 100  
67 51.0 40.6 60.8

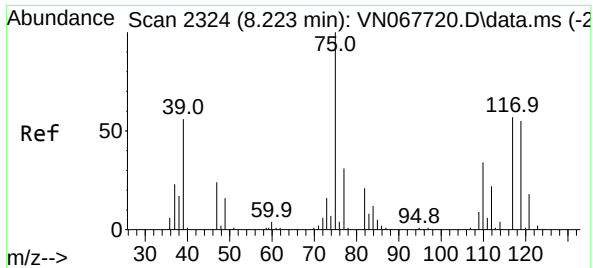


#28

1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. 0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 114 Resp: 529051  
Ion Ratio Lower Upper  
114 100  
63 19.9 17.2 25.8  
88 14.9 12.4 18.6

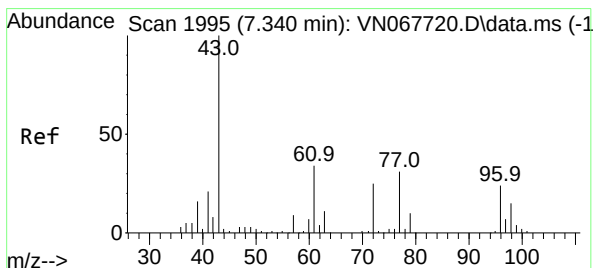
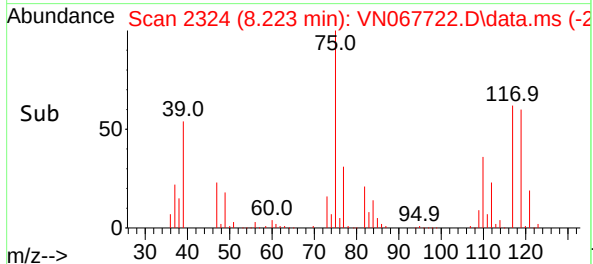
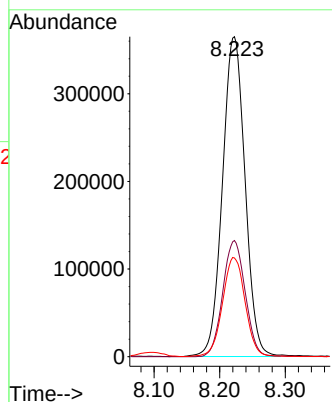
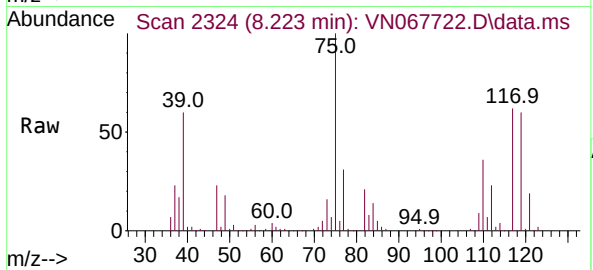




#29  
1,1-Dichloropropene  
Concen: 106.284 ug/l  
RT: 8.223 min Scan# 2324  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

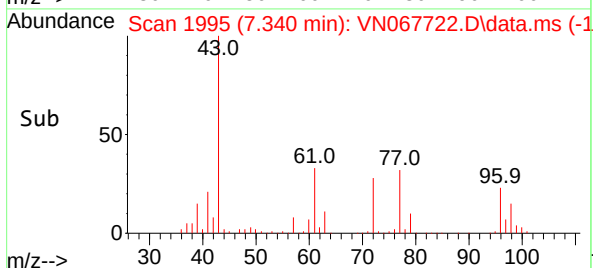
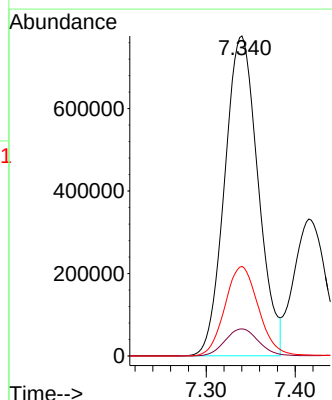
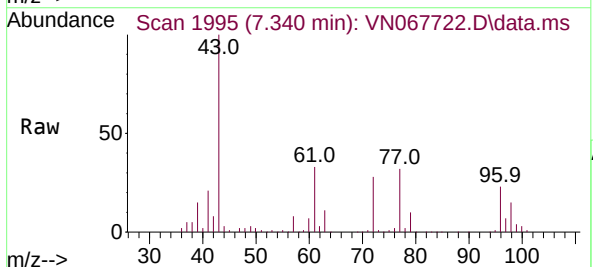
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

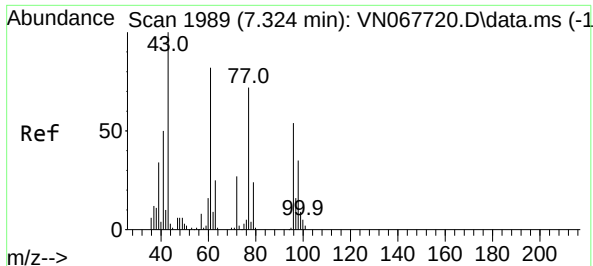
Tgt Ion: 75 Resp: 872983  
Ion Ratio Lower Upper  
75 100  
110 36.1 0.0 69.2  
77 30.9 0.0 60.4



#30  
2-Butanone  
Concen: 525.719 ug/l  
RT: 7.340 min Scan# 1995  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 43 Resp: 2020967  
Ion Ratio Lower Upper  
43 100  
57 8.5 6.6 9.8  
72 28.3 21.8 32.6

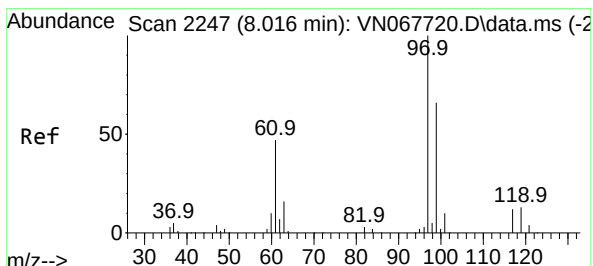
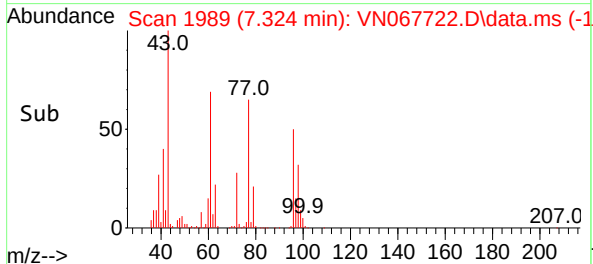
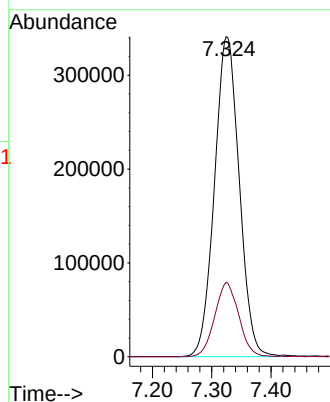
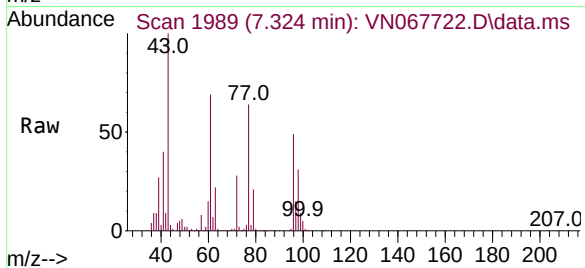




#31  
2,2-Dichloropropane  
Concen: 105.102 ug/l  
RT: 7.324 min Scan# 1989  
Delta R.T. 0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

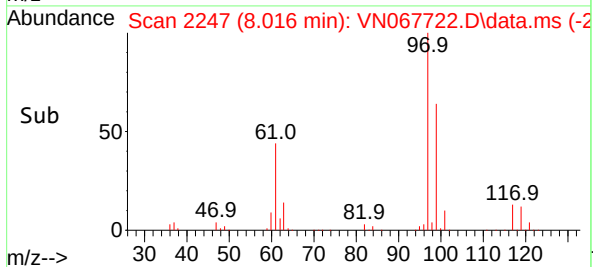
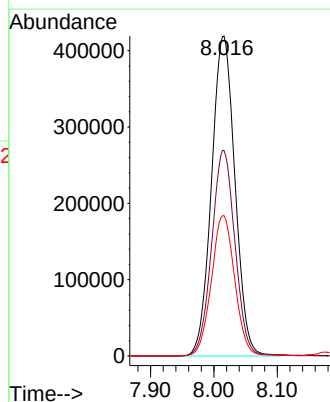
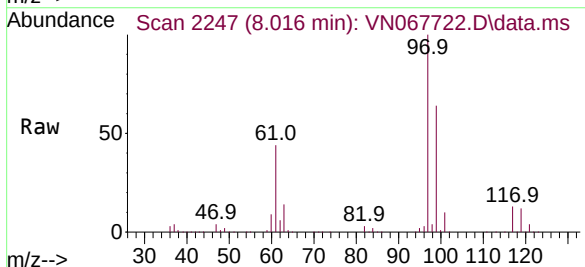
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

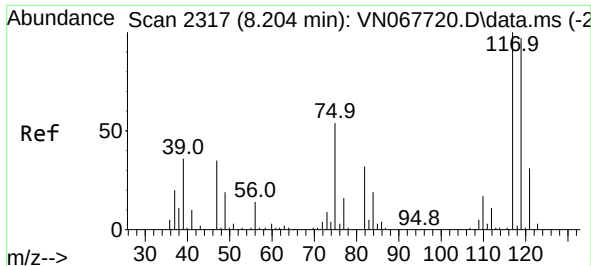
Tgt Ion: 77 Resp: 988618  
Ion Ratio Lower Upper  
77 100  
97 22.5 17.8 26.6



#32  
1,1,1-Trichloroethane  
Concen: 106.760 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. 0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 97 Resp: 1078166  
Ion Ratio Lower Upper  
97 100  
99 63.9 51.6 77.4  
61 43.7 37.6 56.4

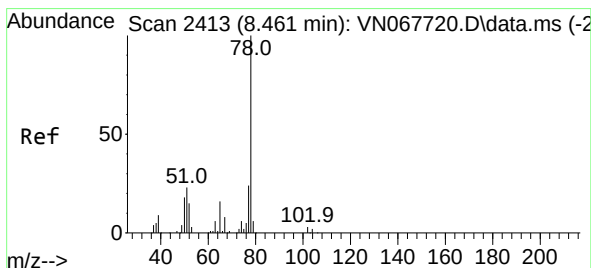
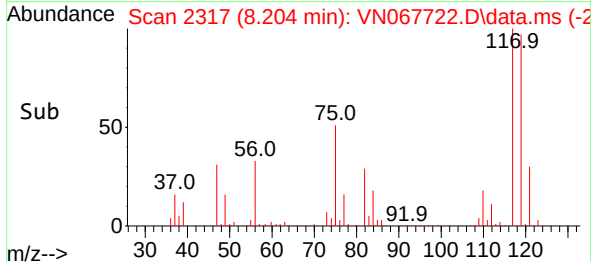
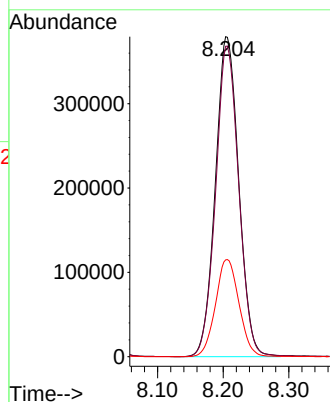
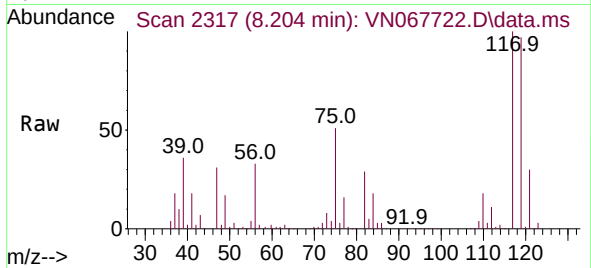




#33  
Carbon Tetrachloride  
Concen: 109.103 ug/l  
RT: 8.204 min Scan# 2317  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

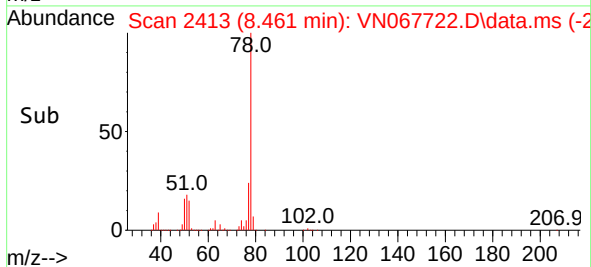
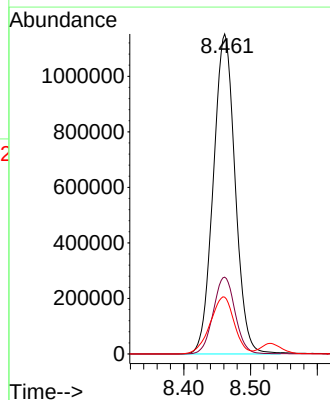
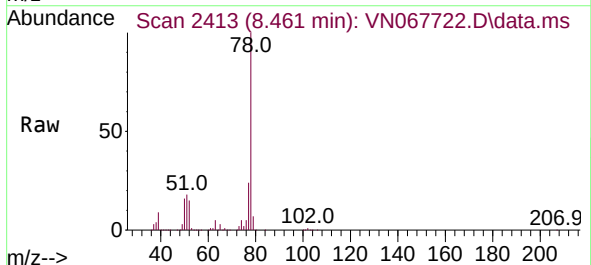
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

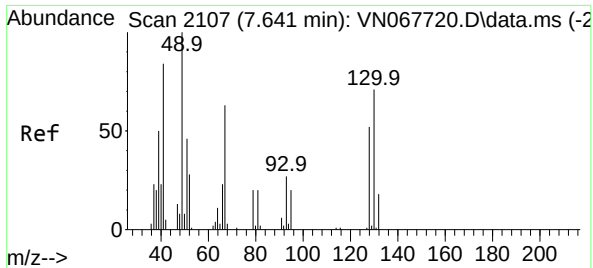
Tgt Ion:117 Resp: 939735  
Ion Ratio Lower Upper  
117 100  
119 97.0 77.6 116.4  
121 30.3 24.6 36.8



#34  
Benzene  
Concen: 105.952 ug/l  
RT: 8.461 min Scan# 2413  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

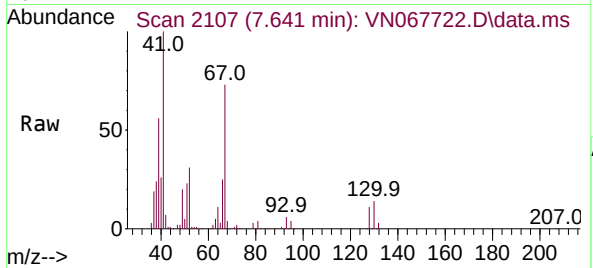
Tgt Ion: 78 Resp: 2615347  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.1 28.7  
51 17.7 18.2 27.4#



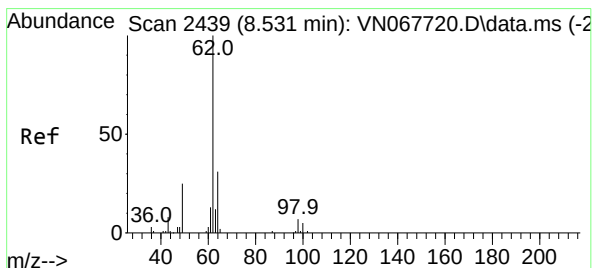
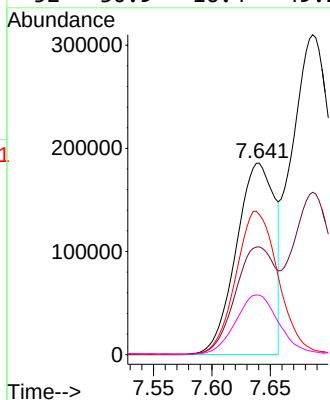
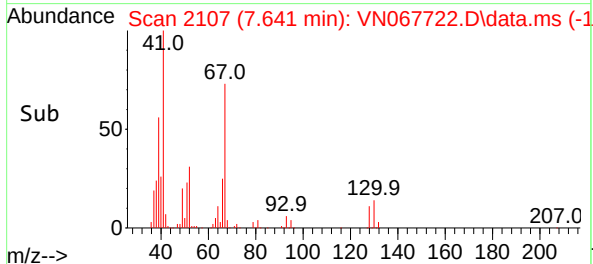


#35  
Methacrylonitrile  
Concen: 108.143 ug/l  
RT: 7.641 min Scan# 2107  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

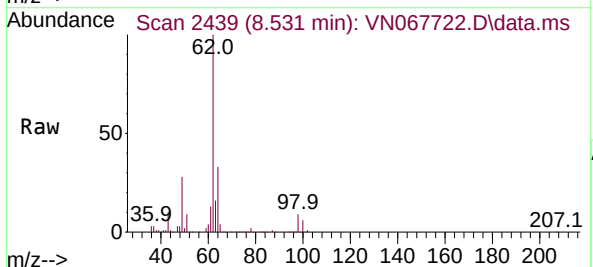
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100



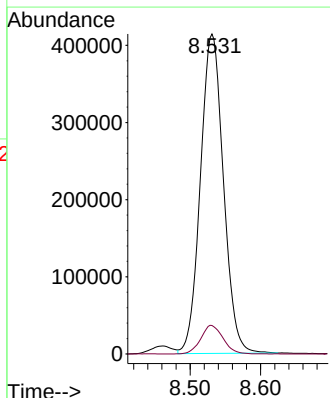
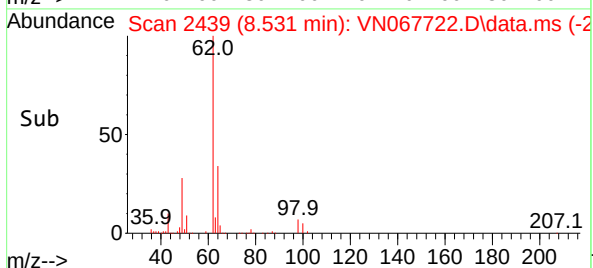
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 56.1  | 29.6  | 88.9  |
| 67      | 73.3  | 37.4  | 112.2 |
| 52      | 30.9  | 16.4  | 49.2  |

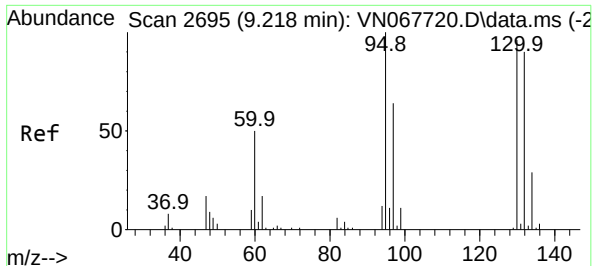


#36  
1,2-Dichloroethane  
Concen: 103.408 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 8.7   | 6.2   | 9.2   |

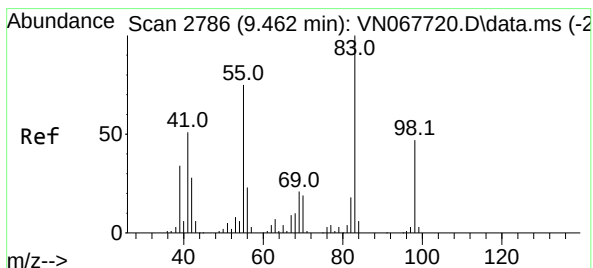
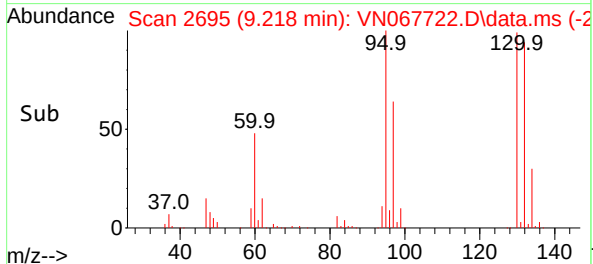
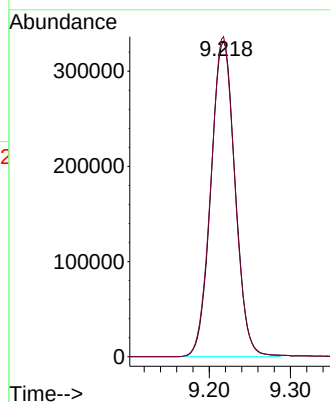
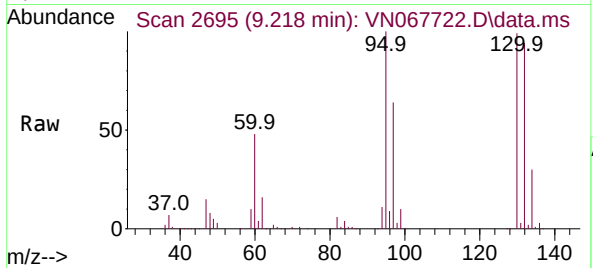




#37  
Trichloroethene  
Concen: 106.032 ug/l  
RT: 9.218 min Scan# 2695  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

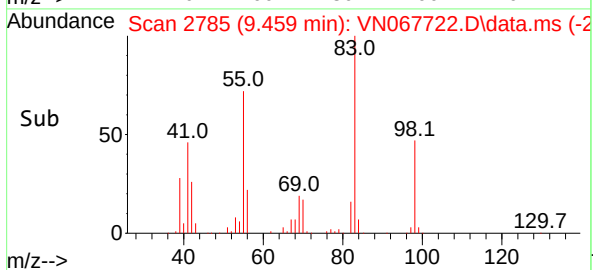
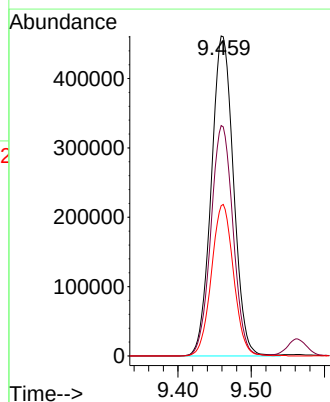
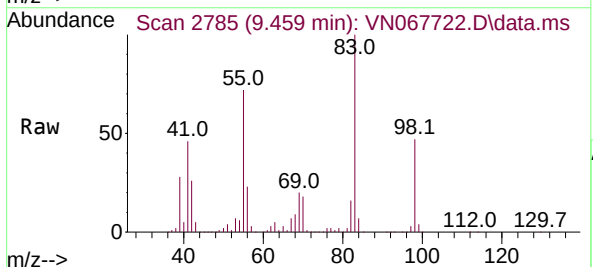
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

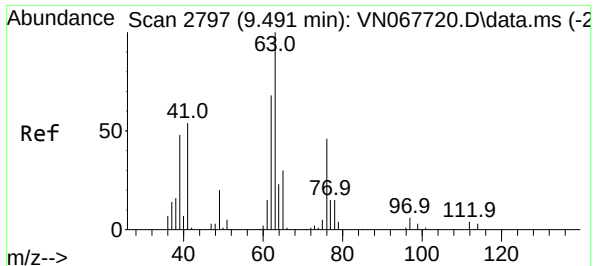
Tgt Ion:130 Resp: 684668  
Ion Ratio Lower Upper  
130 100  
95 101.4 83.2 124.8



#38  
Methylcyclohexane  
Concen: 105.599 ug/l  
RT: 9.459 min Scan# 2785  
Delta R.T. -0.003 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 83 Resp: 972561  
Ion Ratio Lower Upper  
83 100  
55 71.7 37.4 112.2  
98 47.0 23.5 70.6



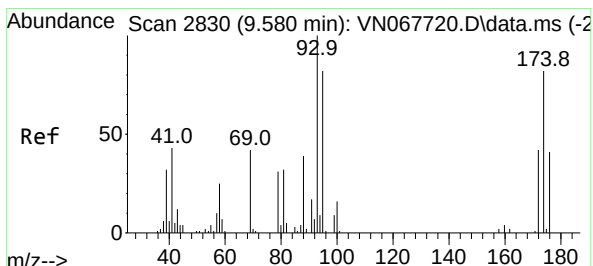
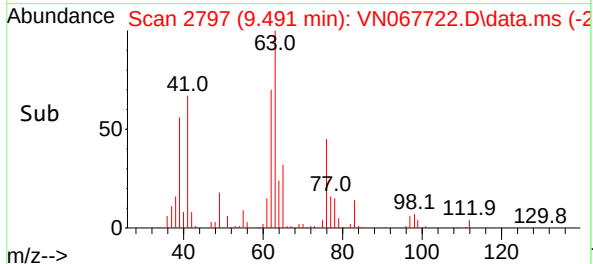
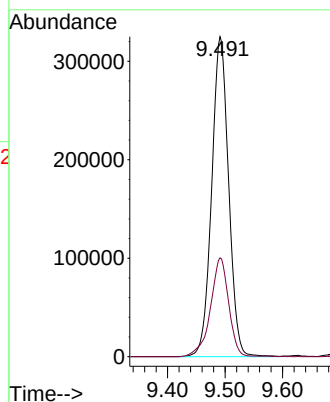
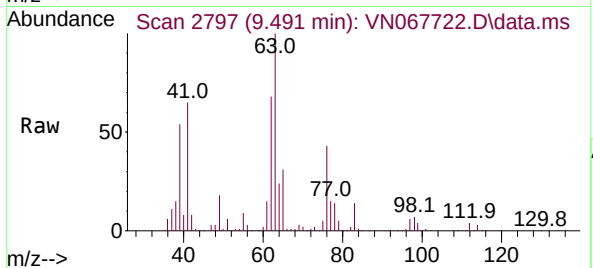


#39

1,2-Dichloropropane  
Concen: 106.979 ug/l  
RT: 9.491 min Scan# 2797  
Delta R.T. 0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

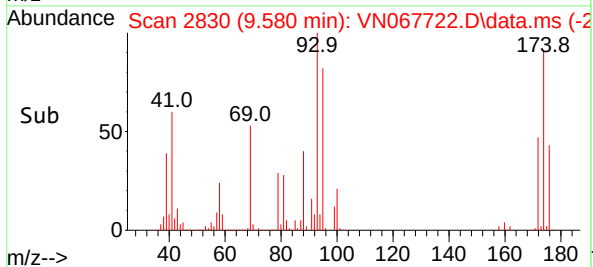
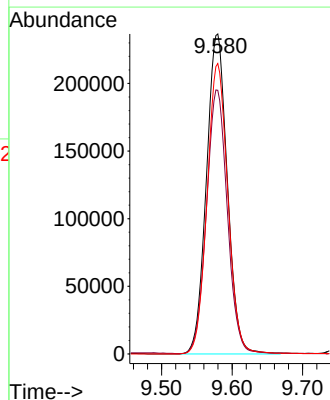
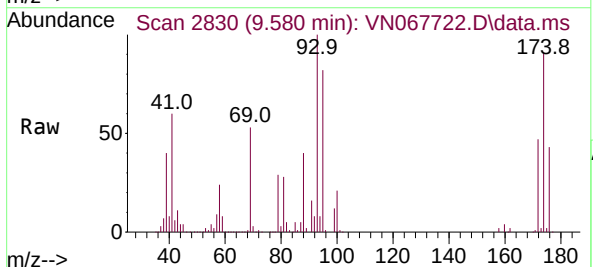
Tgt Ion: 63 Resp: 664984  
Ion Ratio Lower Upper  
63 100  
65 30.9 24.3 36.5

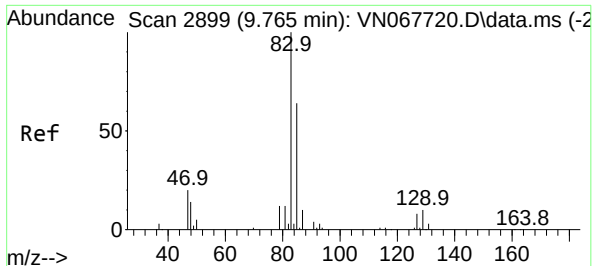


#40

Dibromomethane  
Concen: 106.922 ug/l  
RT: 9.580 min Scan# 2830  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 93 Resp: 488098  
Ion Ratio Lower Upper  
93 100  
95 82.0 0.0 165.4  
174 89.6 0.0 163.0

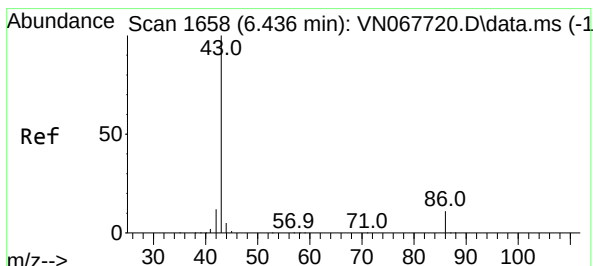
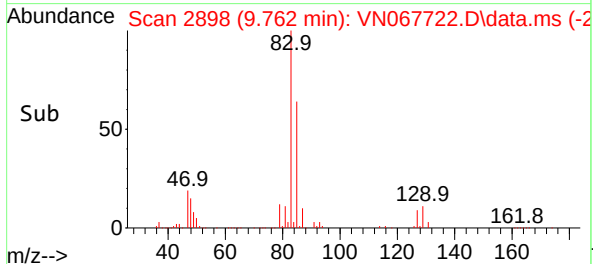
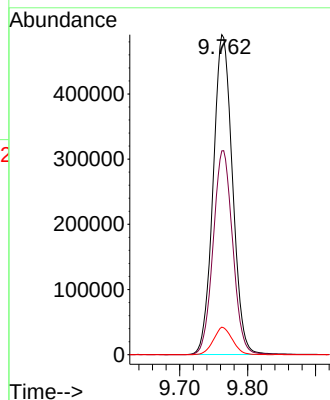
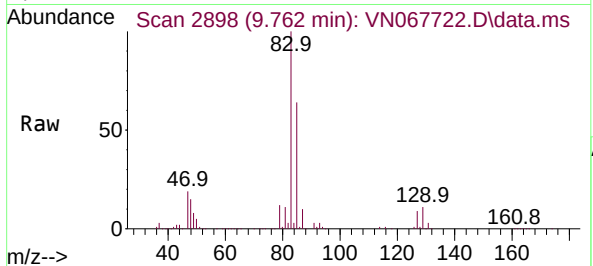




#41  
Bromodichloromethane  
Concen: 109.804 ug/l  
RT: 9.762 min Scan# 2898  
Delta R.T. -0.003 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

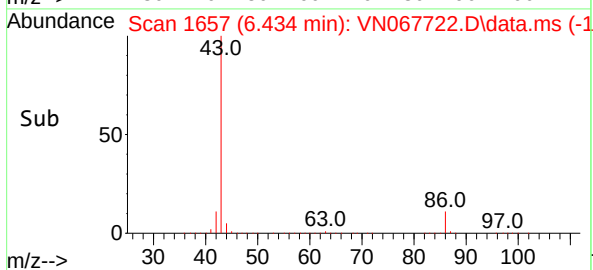
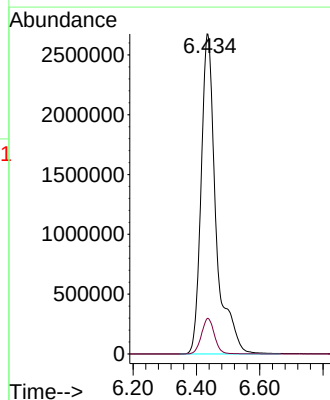
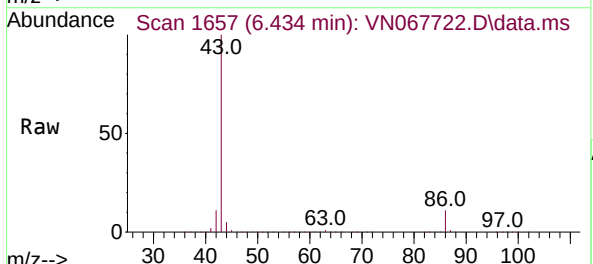
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion: 83 Resp: 971160  
Ion Ratio Lower Upper  
83 100  
85 63.7 51.3 76.9  
127 8.6 6.6 10.0

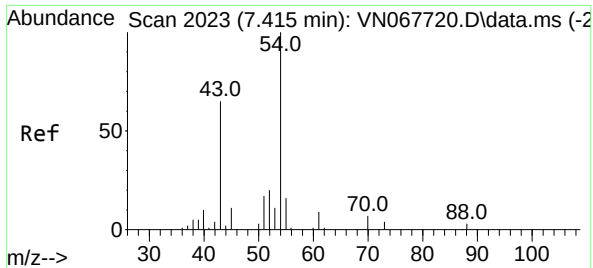


#42  
Vinyl Acetate  
Concen: 567.477 ug/l  
RT: 6.434 min Scan# 1657  
Delta R.T. -0.003 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 43 Resp: 8729869  
Ion Ratio Lower Upper  
43 100  
86 9.7 8.2 12.2



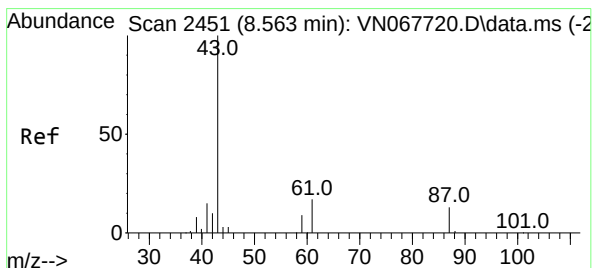
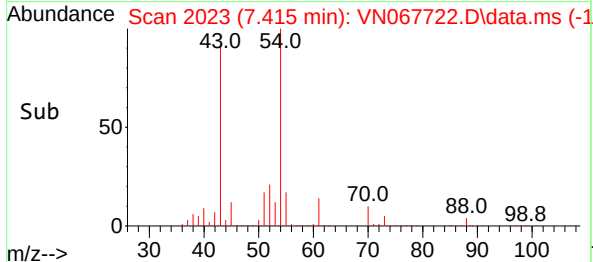
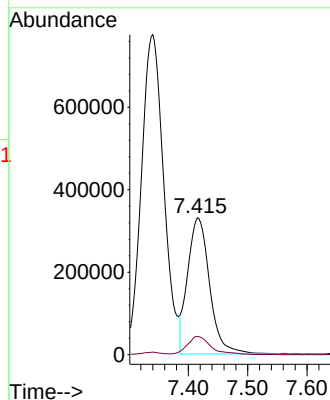
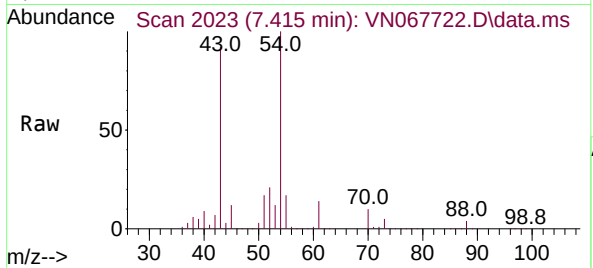




#43  
Ethyl Acetate  
Concen: 106.123 ug/l  
RT: 7.415 min Scan# 2023  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

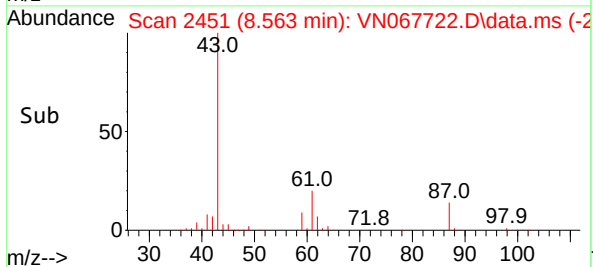
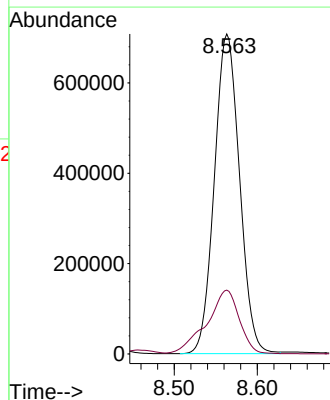
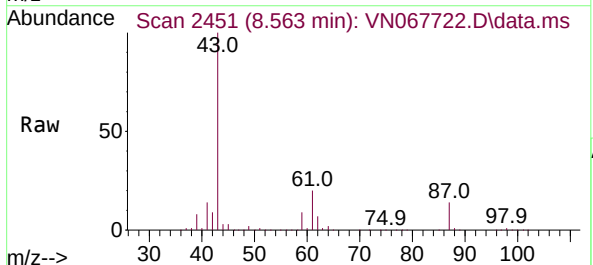
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

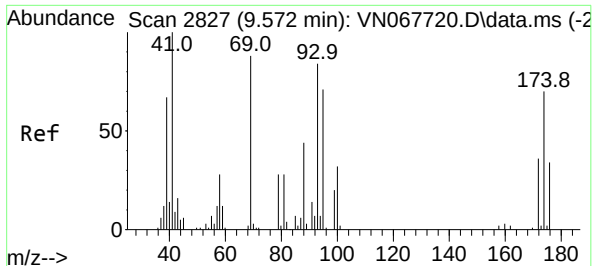
Tgt Ion: 43 Resp: 851742  
Ion Ratio Lower Upper  
43 100  
45 14.3 10.5 15.7



#44  
Isopropyl Acetate  
Concen: 107.483 ug/l  
RT: 8.563 min Scan# 2451  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 43 Resp: 1490313  
Ion Ratio Lower Upper  
43 100  
61 26.1 20.4 30.6

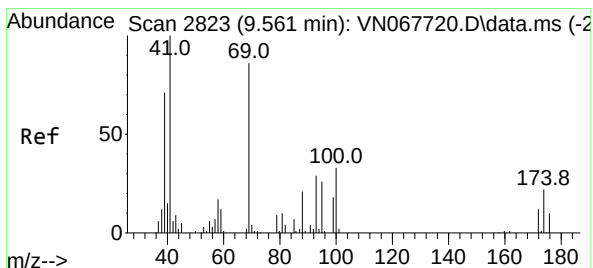
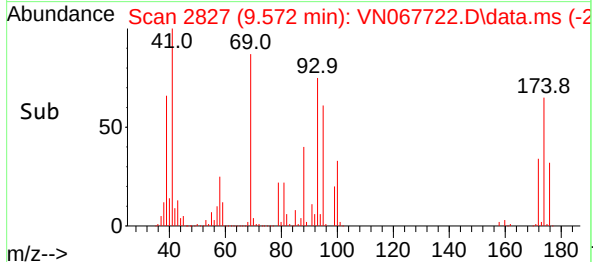
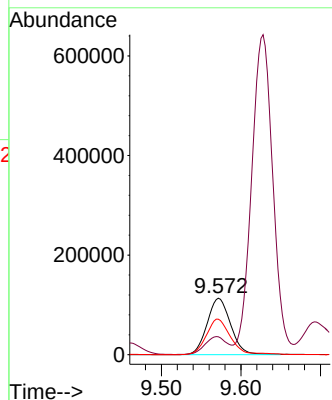
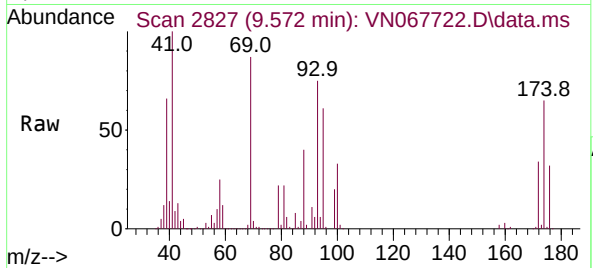




#45  
1,4-Dioxane  
Concen: 2164.837 ug/l  
RT: 9.572 min Scan# 2827  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

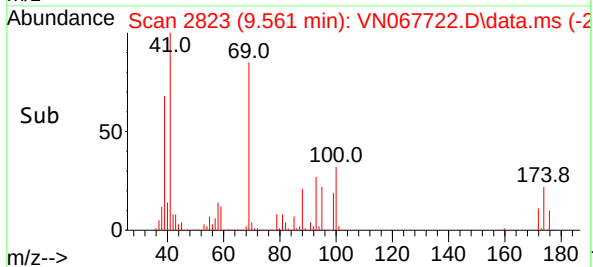
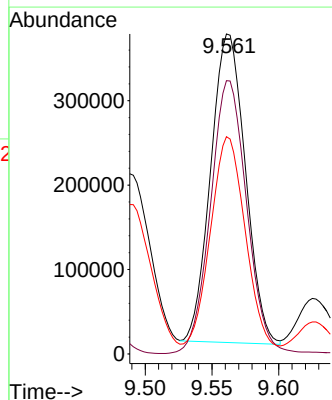
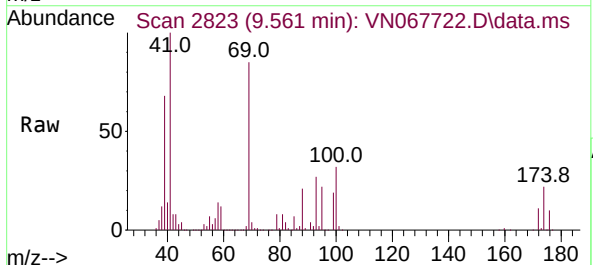
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

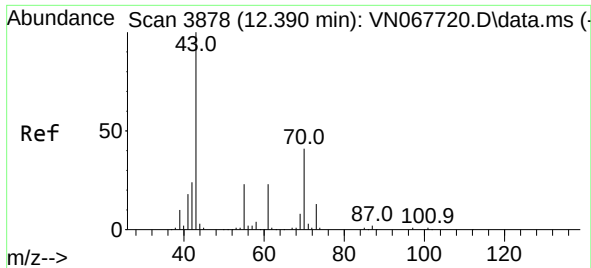
Tgt Ion: 88 Resp: 232847  
Ion Ratio Lower Upper  
88 100  
43 30.3 26.9 40.3  
58 62.9 52.2 78.4



#46  
Methyl methacrylate  
Concen: 109.071 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. 0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 41 Resp: 659224  
Ion Ratio Lower Upper  
41 100  
69 87.8 43.0 128.8  
39 68.2 35.5 106.7

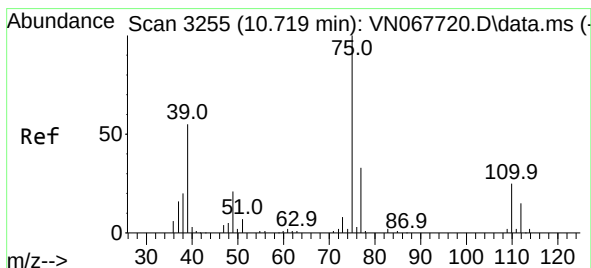
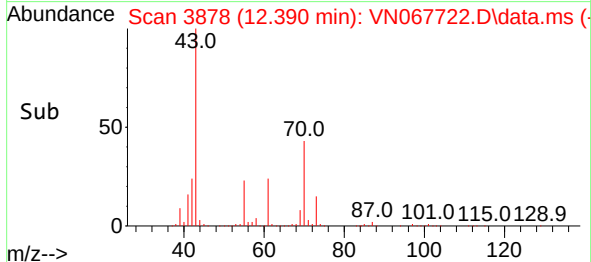
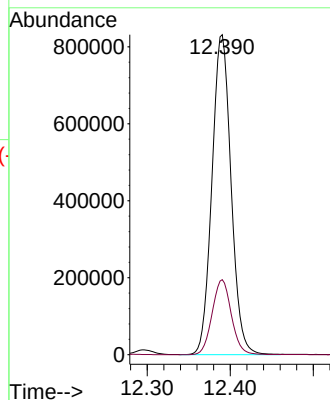
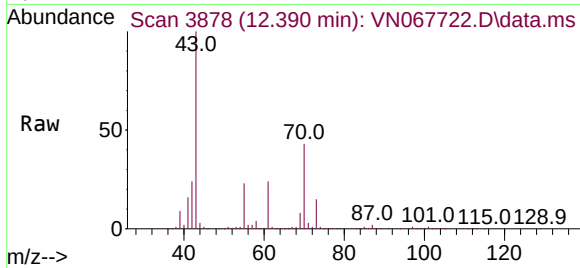




#47  
n-amy1 Acetate  
Concen: 115.167 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

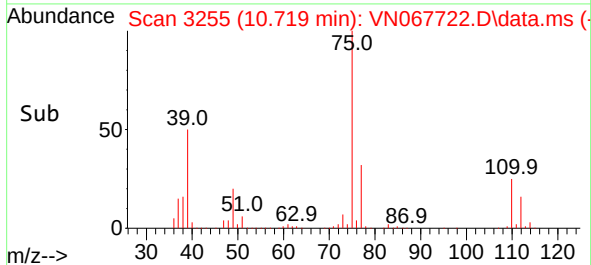
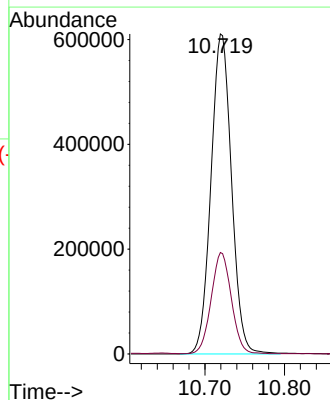
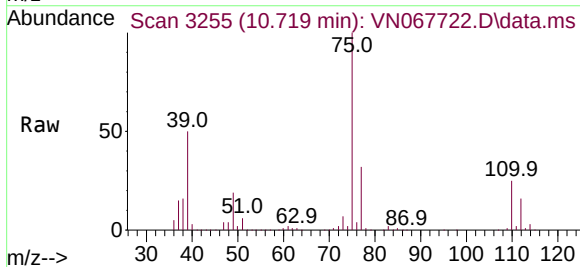
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

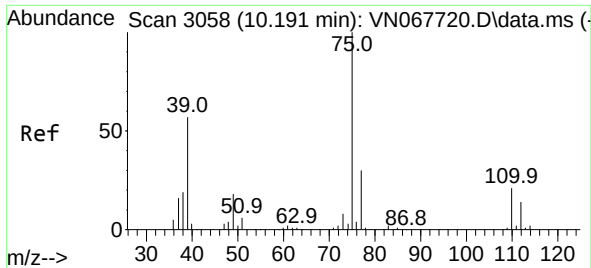
Tgt Ion: 43 Resp: 1326860  
Ion Ratio Lower Upper  
43 100  
55 23.6 19.0 28.6



#48  
t-1,3-Dichloropropene  
Concen: 113.797 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 75 Resp: 1096041  
Ion Ratio Lower Upper  
75 100  
77 31.6 27.0 40.4



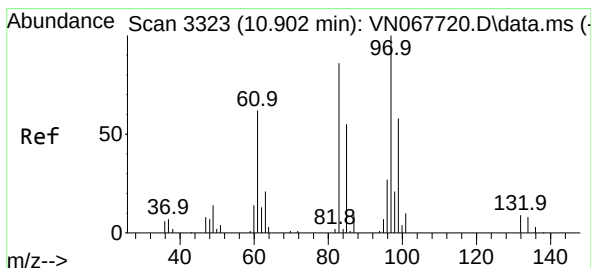
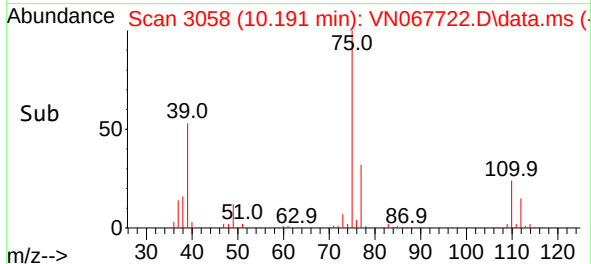
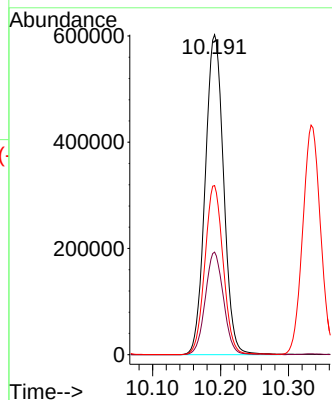
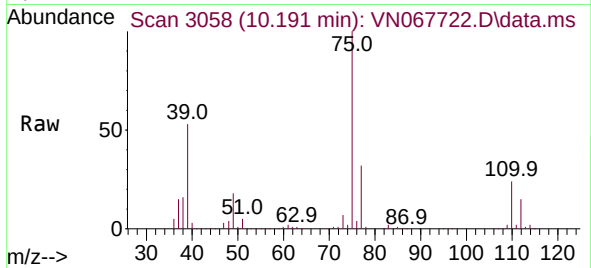


#49  
 cis-1,3-Dichloropropene  
 Concen: 112.250 ug/l  
 RT: 10.191 min Scan# 3058  
 Delta R.T. -0.000 min  
 Lab File: VN067722.D  
 Acq: 13 Jul 2021 17:24

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

Tgt Ion: 75 Resp: 1136191

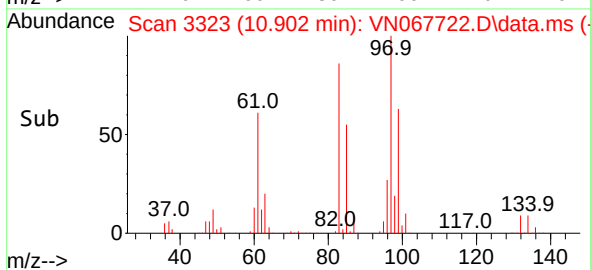
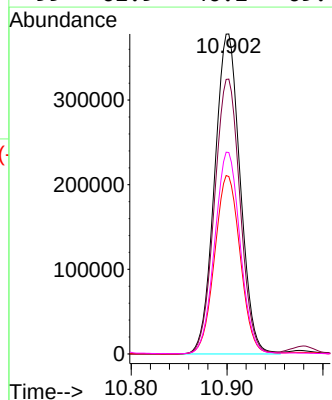
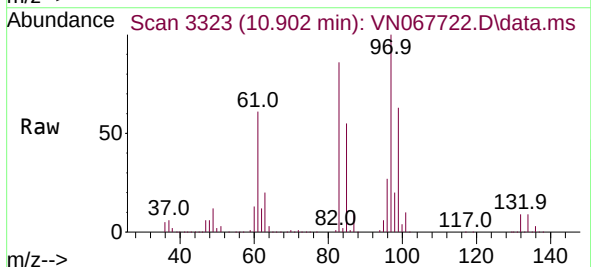
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 32.1  | 23.8  | 35.6  |
| 39  | 52.8  | 45.3  | 67.9  |

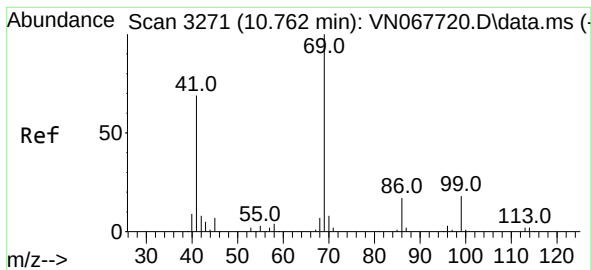


#50  
 1,1,2-Trichloroethane  
 Concen: 109.184 ug/l  
 RT: 10.902 min Scan# 3323  
 Delta R.T. 0.000 min  
 Lab File: VN067722.D  
 Acq: 13 Jul 2021 17:24

Tgt Ion: 97 Resp: 699946

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.8  | 69.0  | 103.4 |
| 85  | 55.4  | 43.8  | 65.8  |
| 99  | 62.9  | 46.2  | 69.4  |

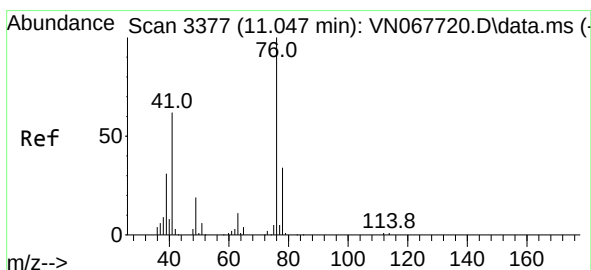
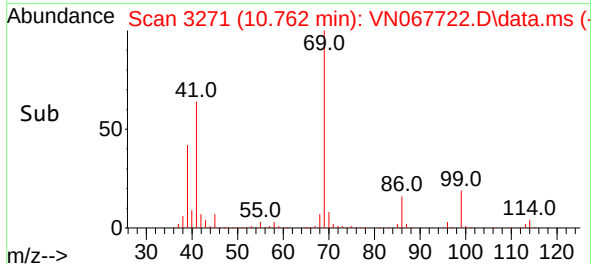
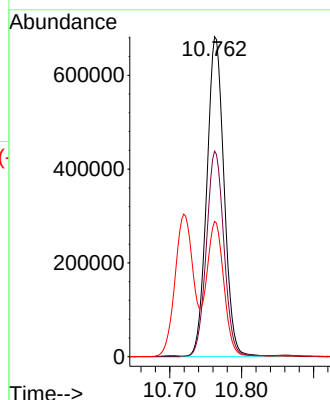
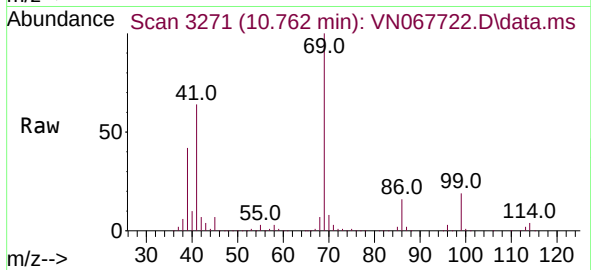




#51  
Ethyl methacrylate  
Concen: 114.192 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

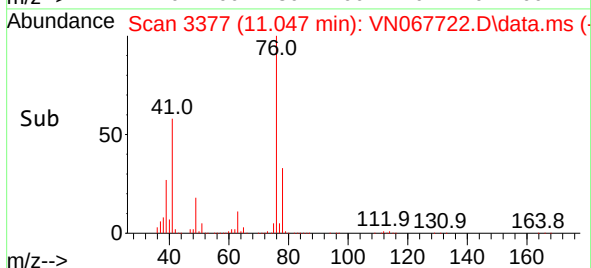
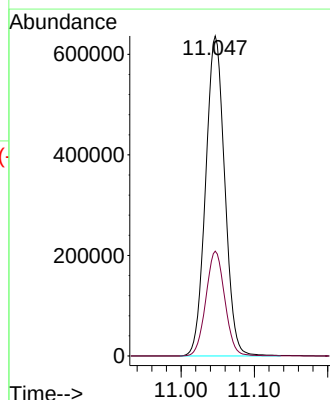
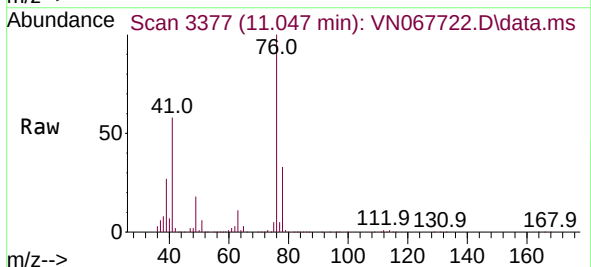
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

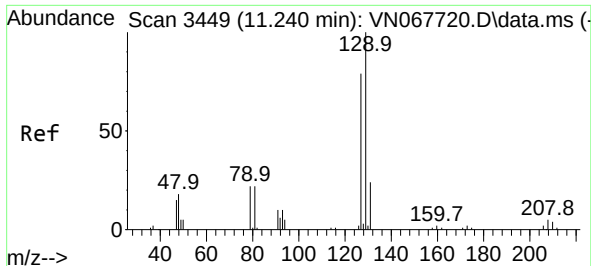
Tgt Ion: 69 Resp: 1141843  
Ion Ratio Lower Upper  
69 100  
41 64.0 34.3 102.9  
39 42.0 23.7 71.1



#52  
1,3-Dichloropropane  
Concen: 108.941 ug/l  
RT: 11.047 min Scan# 3377  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 76 Resp: 1152726  
Ion Ratio Lower Upper  
76 100  
78 32.5 0.0 67.0

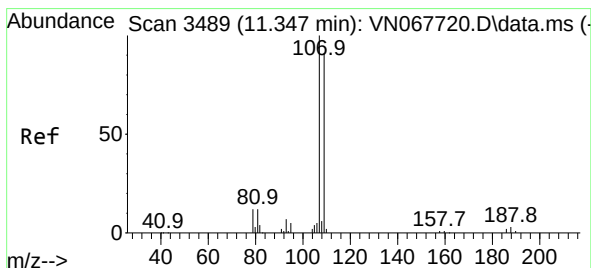
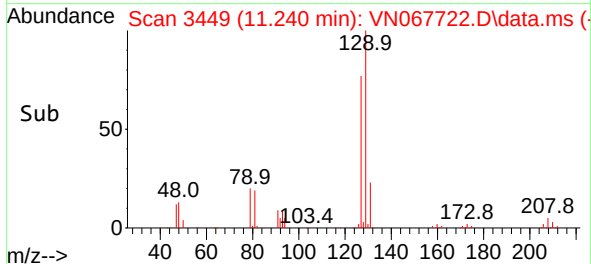
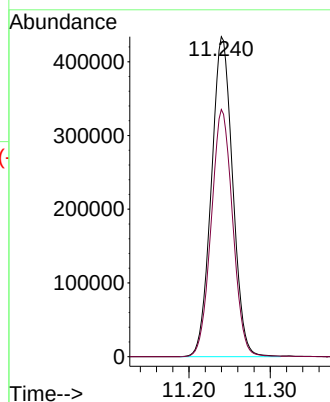
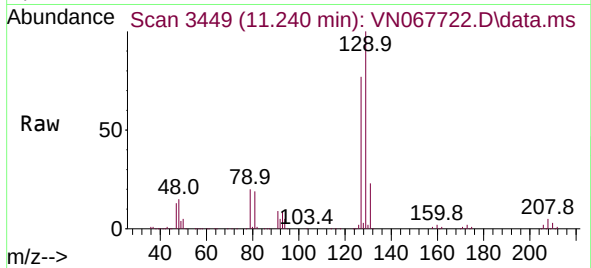




#53  
Dibromochloromethane  
Concen: 116.286 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

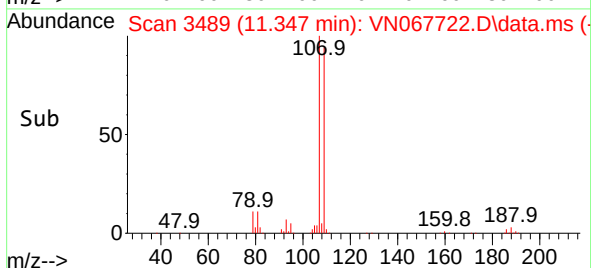
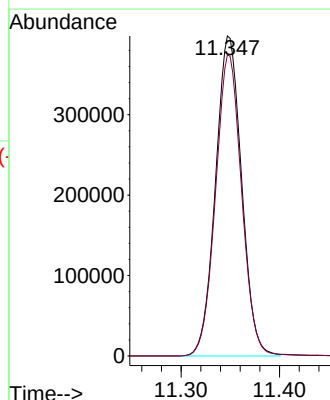
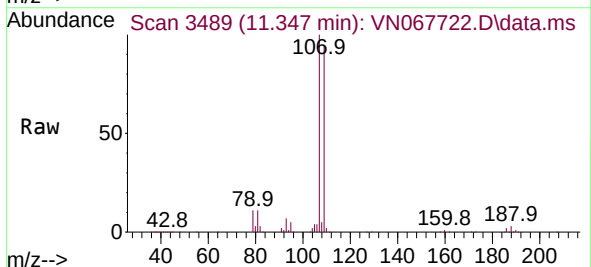
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

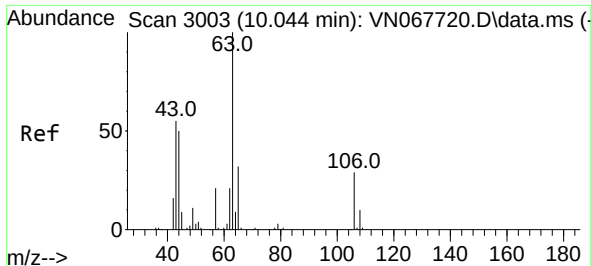
Tgt Ion:129 Resp: 791460  
Ion Ratio Lower Upper  
129 100  
127 77.7 39.6 118.8



#54  
1,2-Dibromoethane  
Concen: 109.712 ug/l  
RT: 11.347 min Scan# 3489  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion:107 Resp: 731261  
Ion Ratio Lower Upper  
107 100  
109 94.5 74.6 111.8

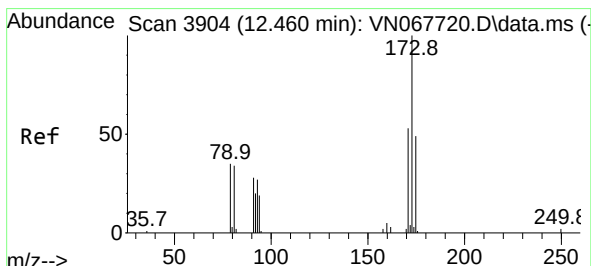
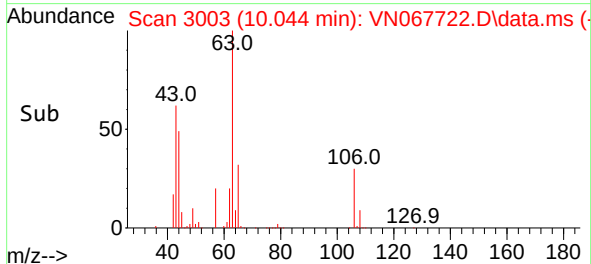
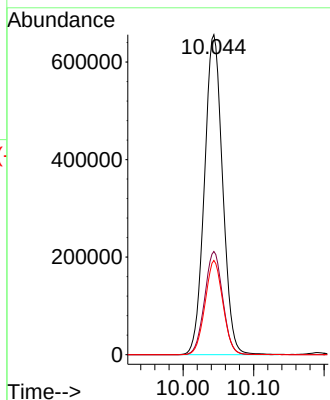
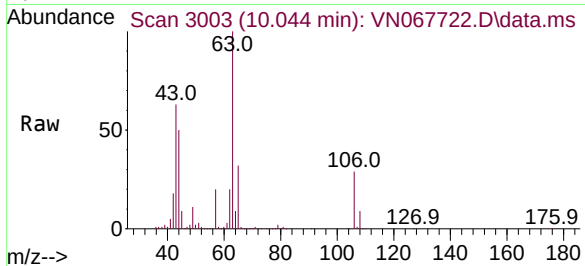




#55  
2-Chloroethyl vinyl ether  
Concen: 562.189 ug/l  
RT: 10.044 min Scan# 3003  
Delta R.T. 0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

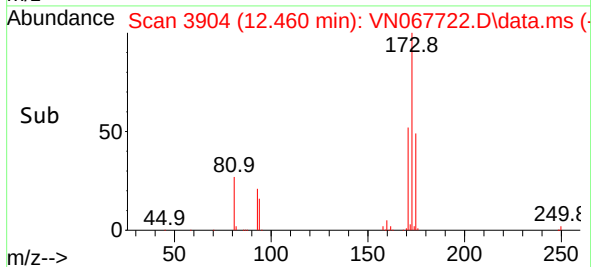
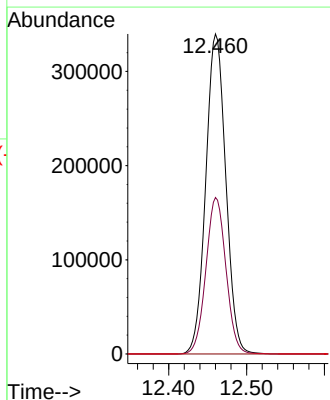
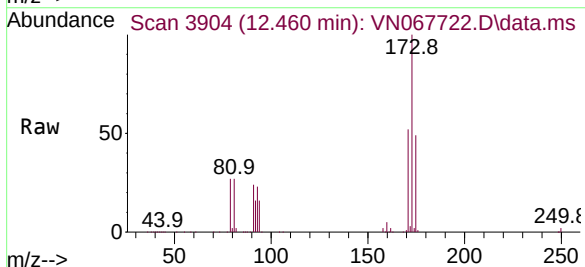
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

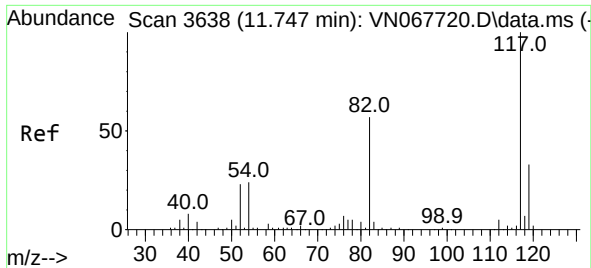
Tgt Ion: 63 Resp: 1174356  
Ion Ratio Lower Upper  
63 100  
65 32.1 25.5 38.3  
106 28.9 22.1 33.1



#56  
Bromoform  
Concen: 127.450 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion:173 Resp: 607193  
Ion Ratio Lower Upper  
173 100  
175 48.9 38.5 57.7  
254 0.0 0.0 0.0

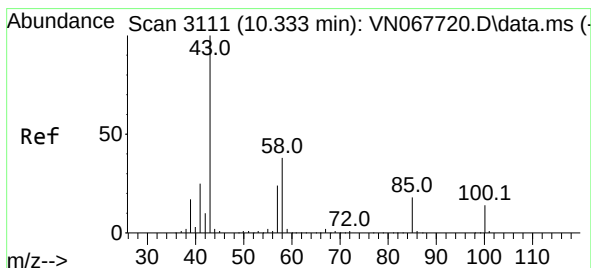
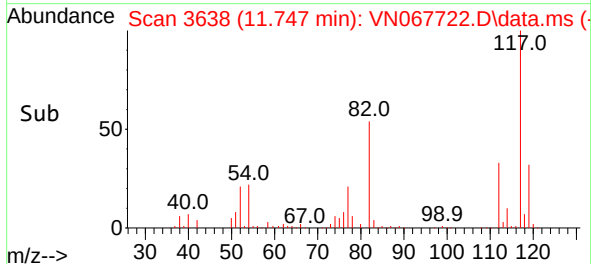
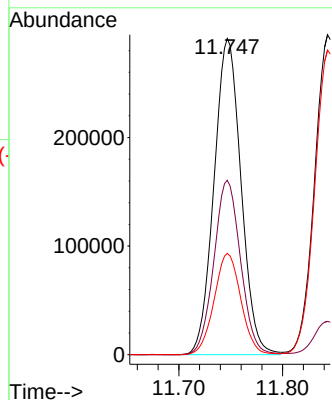
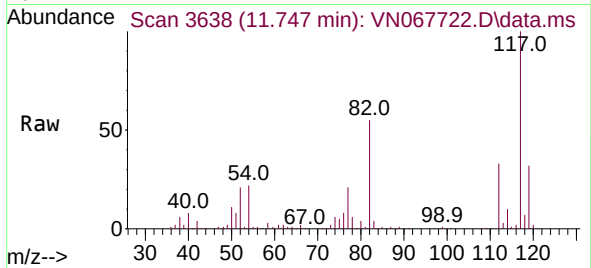




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

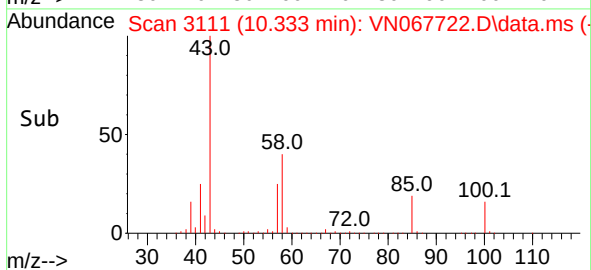
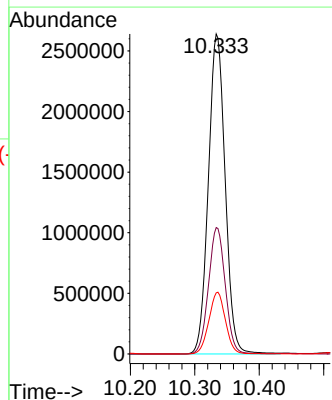
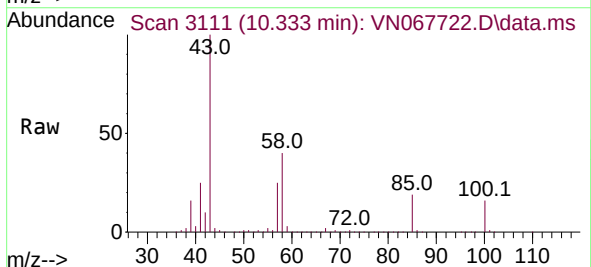
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion:117 Resp: 526365  
Ion Ratio Lower Upper  
117 100  
82 54.6 45.4 68.0  
119 31.8 25.7 38.5

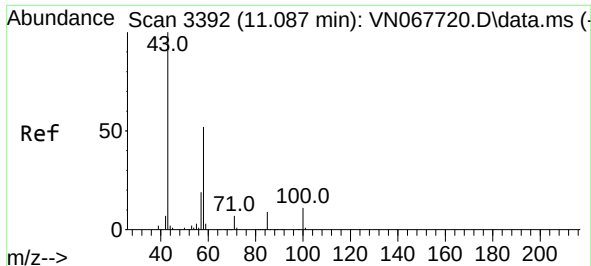


#58  
4-Methyl-2-Pentanone  
Concen: 536.014 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 43 Resp: 4781214  
Ion Ratio Lower Upper  
43 100  
58 39.5 29.9 44.9  
85 19.1 14.1 21.1



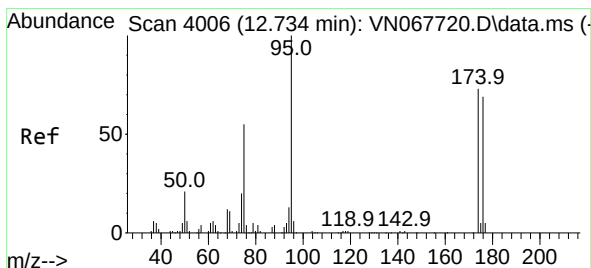
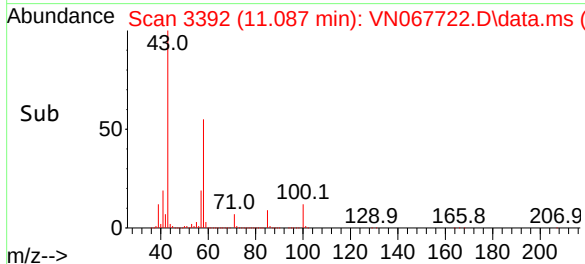
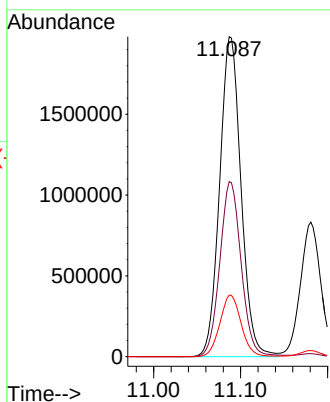
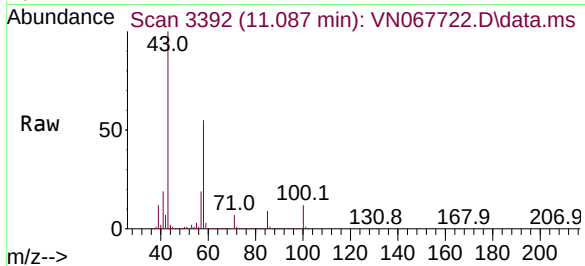




#59  
2-Hexanone  
Concen: 537.913 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

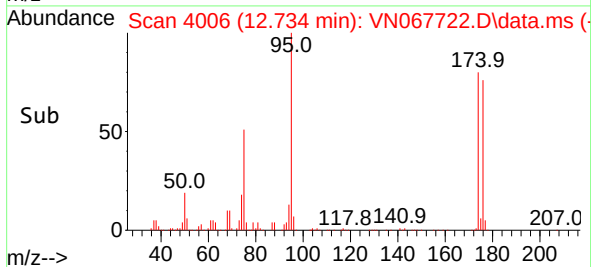
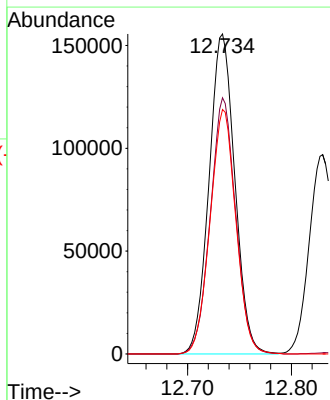
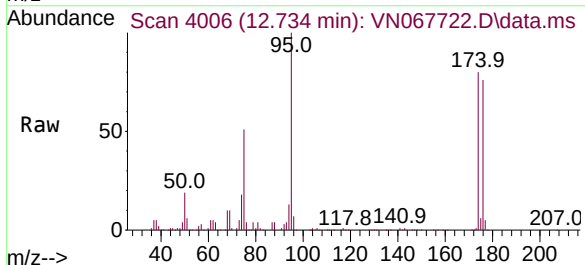
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

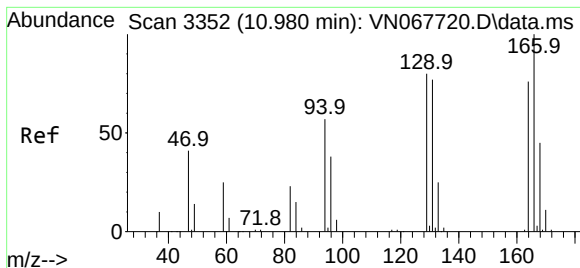
Tgt Ion: 43 Resp: 3383560  
Ion Ratio Lower Upper  
43 100  
58 54.7 41.5 62.3  
57 19.3 15.1 22.7



#60  
4-Bromofluorobenzene  
Concen: 31.702 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 95 Resp: 268235  
Ion Ratio Lower Upper  
95 100  
174 78.8 57.1 85.7  
176 76.4 54.6 81.8

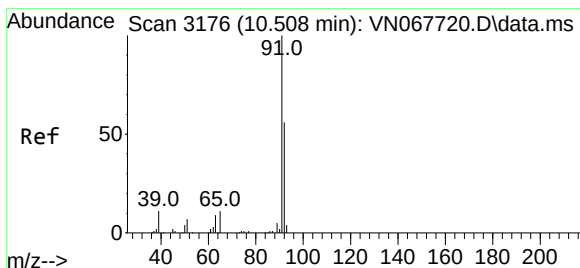
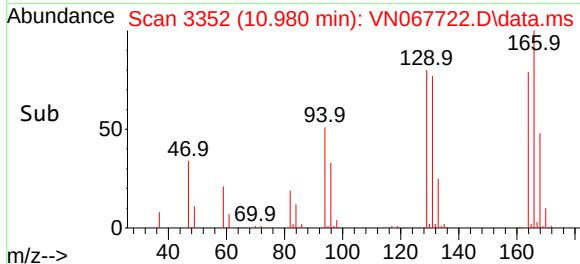
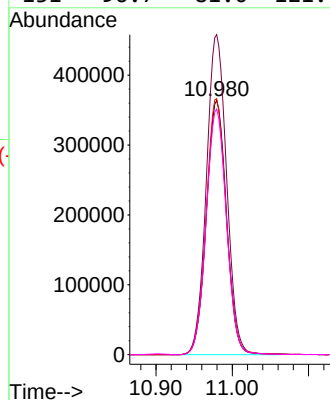
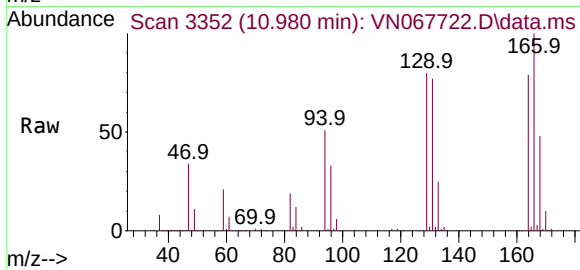




#61  
Tetrachloroethene  
Concen: 102.631 ug/l  
RT: 10.980 min Scan# 3352  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

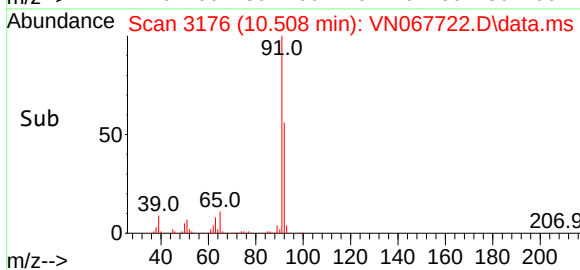
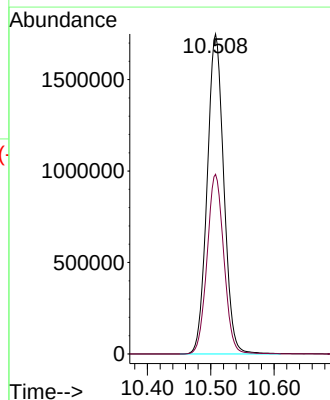
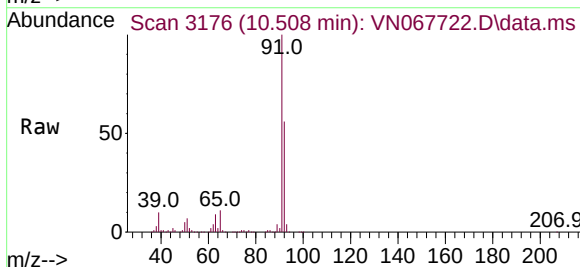
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

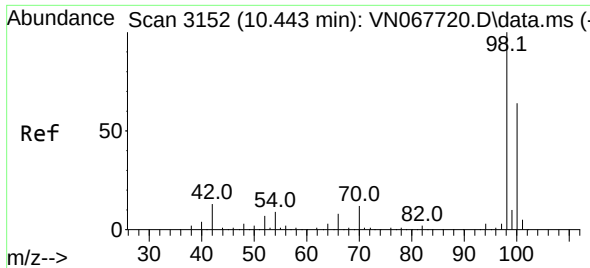
Tgt Ion:164 Resp: 667812  
Ion Ratio Lower Upper  
164 100  
166 125.9 105.5 158.3  
129 100.7 84.5 126.7  
131 96.7 81.0 121.4



#62  
Toluene  
Concen: 104.555 ug/l  
RT: 10.508 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 91 Resp: 3194855  
Ion Ratio Lower Upper  
91 100  
92 56.7 44.8 67.2

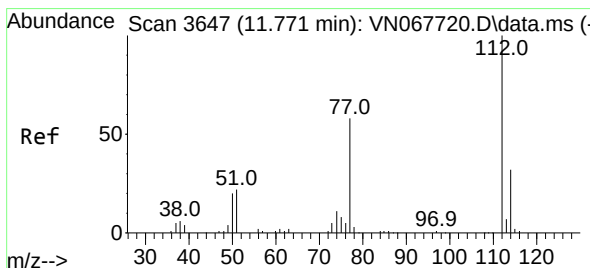
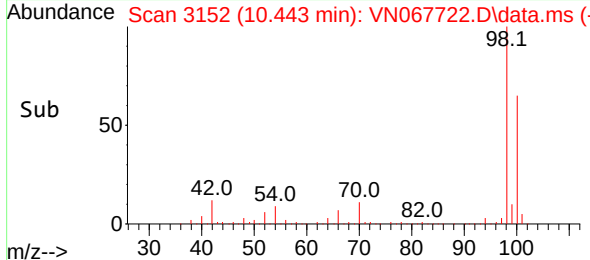
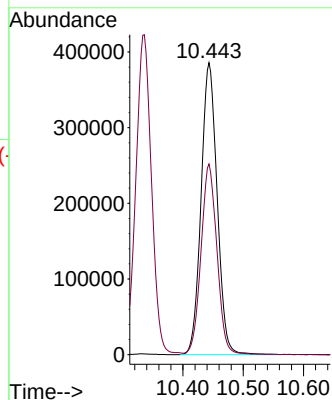
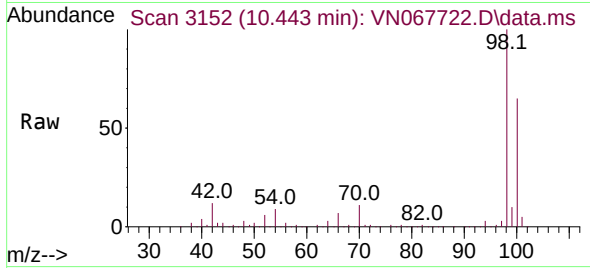




#63  
Toluene-d8  
Concen: 29.623 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

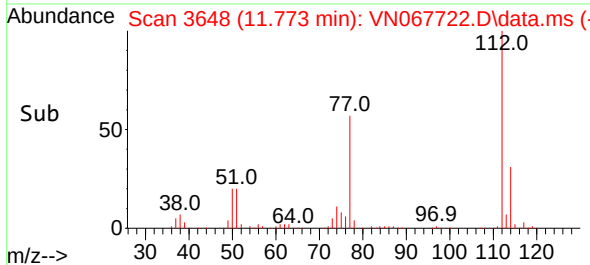
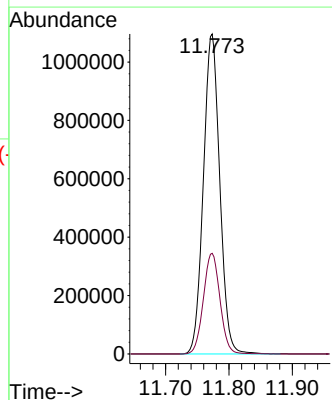
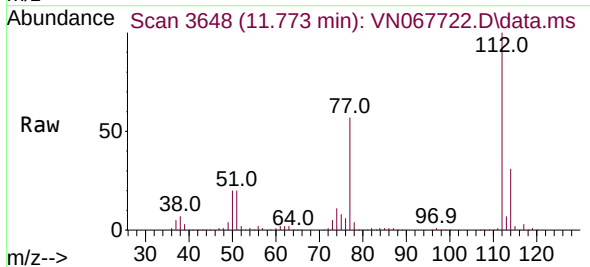
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

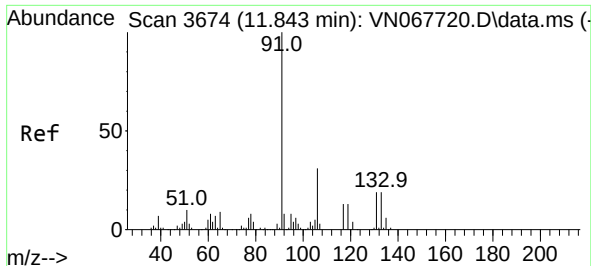
Tgt Ion: 98 Resp: 714250  
Ion Ratio Lower Upper  
98 100  
100 64.6 51.0 76.4



#64  
Chlorobenzene  
Concen: 106.858 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. 0.003 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 112 Resp: 1969020  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.2 37.8

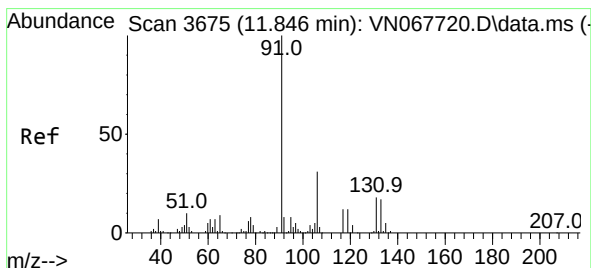
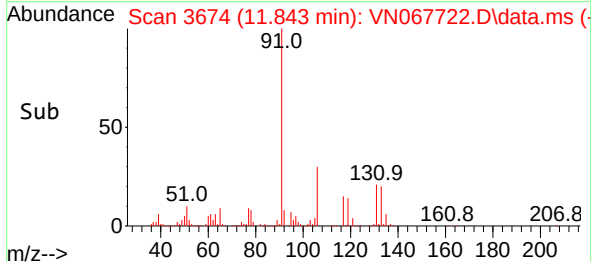
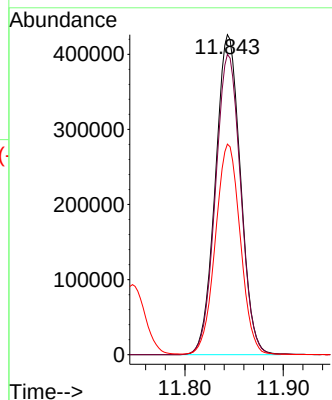
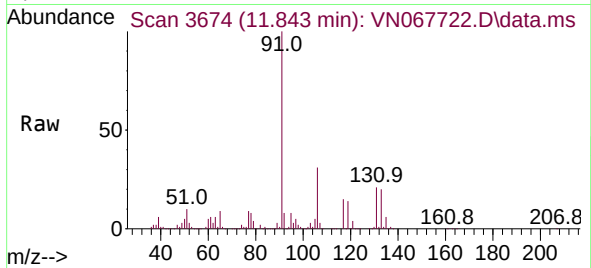




#65  
1,1,1,2-Tetrachloroethane  
Concen: 110.339 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

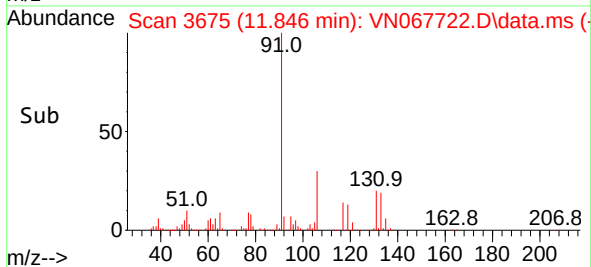
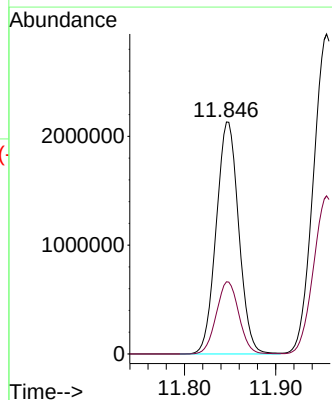
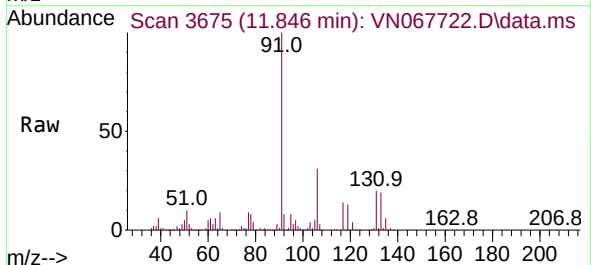
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

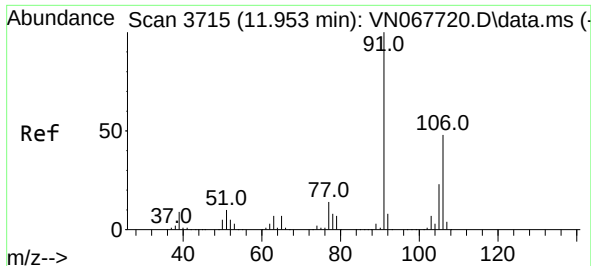
Tgt Ion:131 Resp: 756220  
Ion Ratio Lower Upper  
131 100  
133 94.2 0.0 192.6  
119 65.0 0.0 133.8



#66  
Ethyl Benzene  
Concen: 107.932 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 91 Resp: 3650337  
Ion Ratio Lower Upper  
91 100  
106 31.1 24.6 37.0

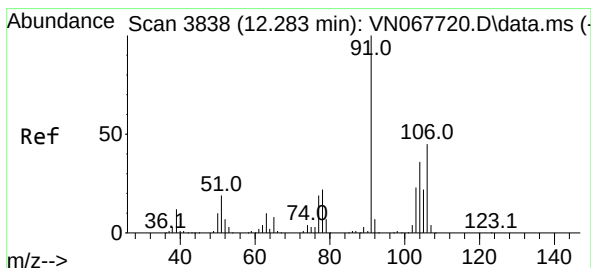
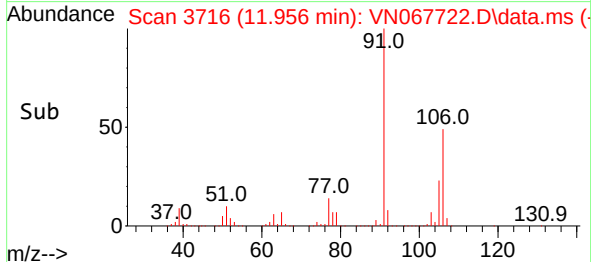
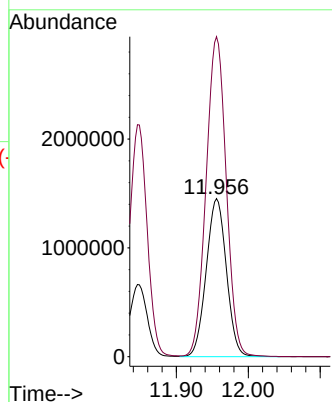
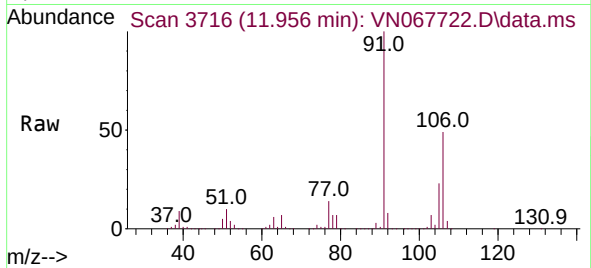




#67  
m/p-Xylenes  
Concen: 218.942 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. 0.003 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

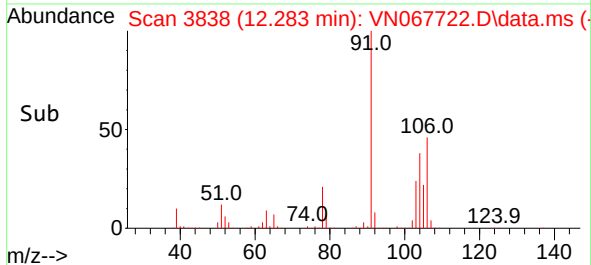
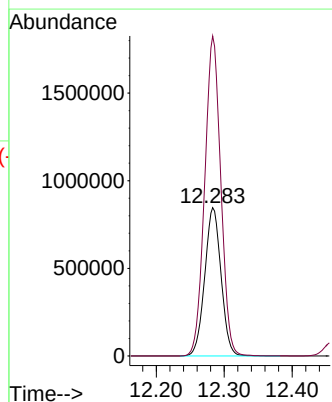
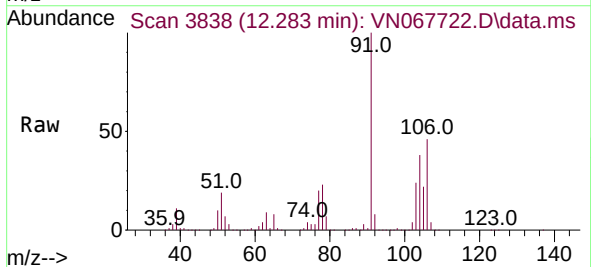
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

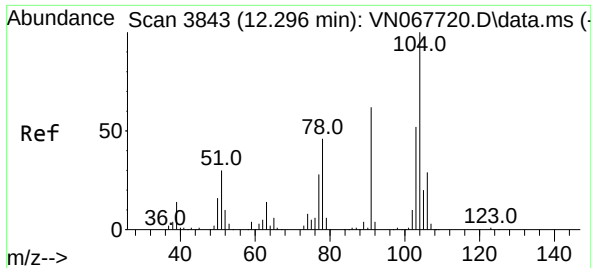
Tgt Ion:106 Resp: 2832503  
Ion Ratio Lower Upper  
106 100  
91 202.6 166.6 250.0



#68  
o-Xylene  
Concen: 110.300 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. 0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion:106 Resp: 1410768  
Ion Ratio Lower Upper  
106 100  
91 213.5 109.6 328.8

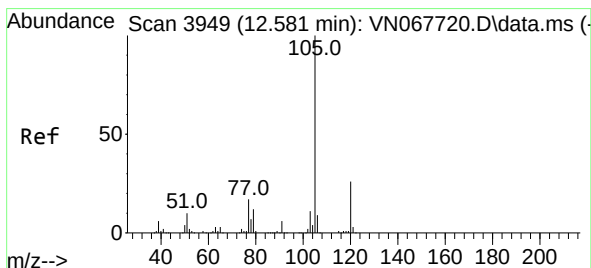
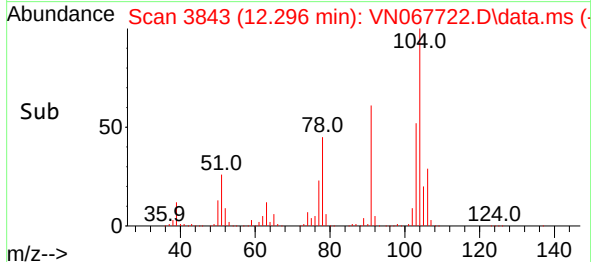
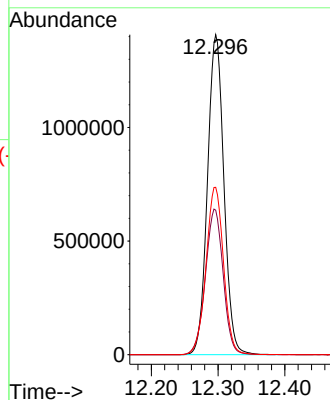
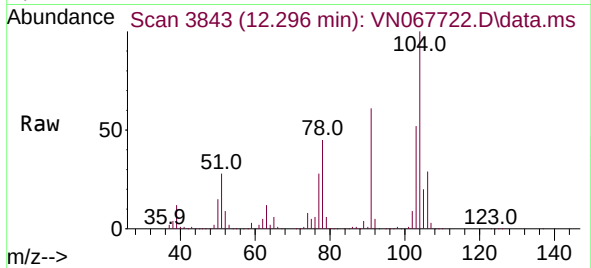




#69  
Styrene  
Concen: 114.706 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

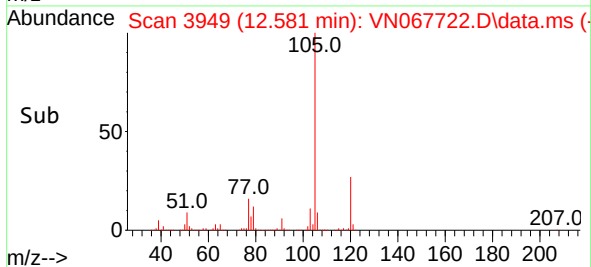
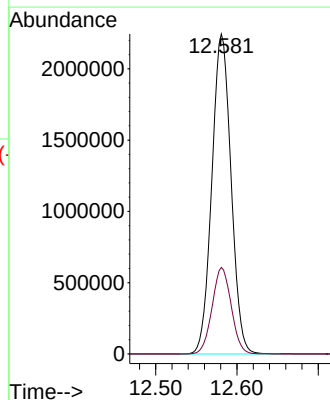
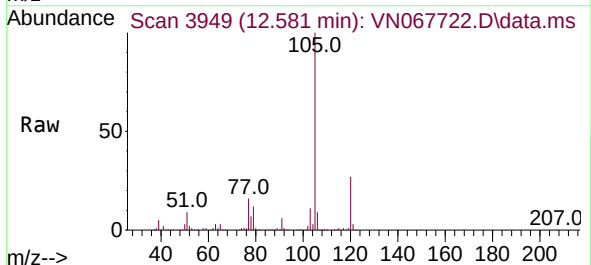
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

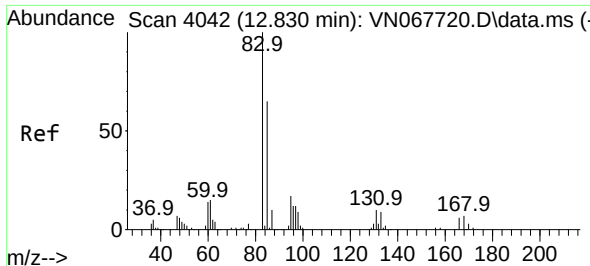
Tgt Ion:104 Resp: 2406255  
Ion Ratio Lower Upper  
104 100  
78 49.3 40.8 61.2  
103 55.9 44.9 67.3



#70  
Isopropylbenzene  
Concen: 111.482 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. 0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion:105 Resp: 3677232  
Ion Ratio Lower Upper  
105 100  
120 27.0 17.9 33.3

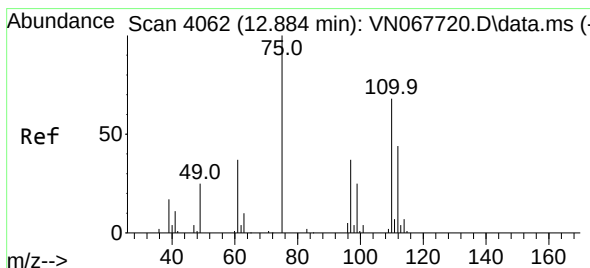
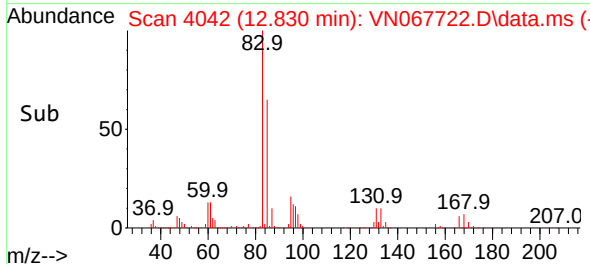
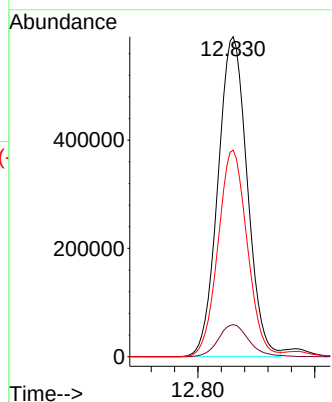
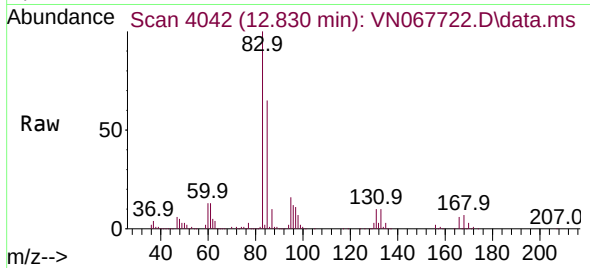




#71  
1,1,2,2-Tetrachloroethane  
Concen: 110.250 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. 0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

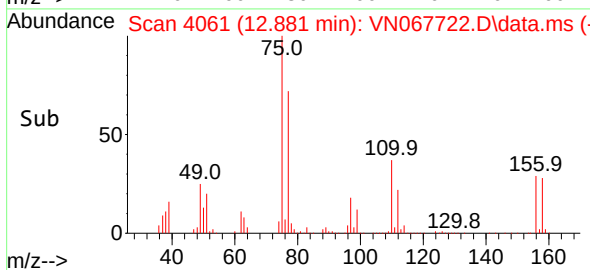
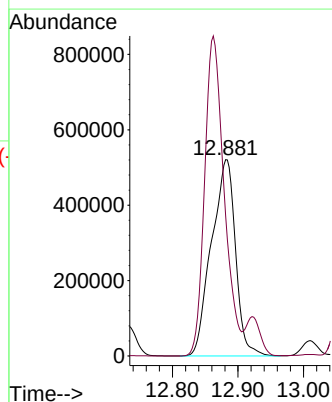
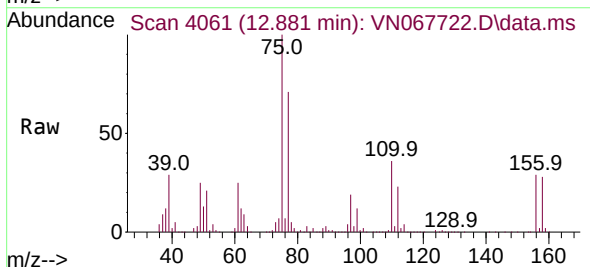
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ClientSampleId :  
VSTDIC100

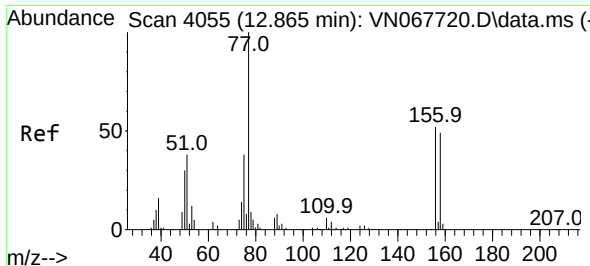
Tgt Ion: 83 Resp: 1030287  
Ion Ratio Lower Upper  
83 100  
131 10.5 5.2 15.6  
85 64.3 32.0 96.0



#72  
1,2,3-Trichloropropane  
Concen: 166.030 ug/l  
RT: 12.881 min Scan# 4061  
Delta R.T. -0.003 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 75 Resp: 1325786  
Ion Ratio Lower Upper  
75 100  
77 132.0 0.0 365.2

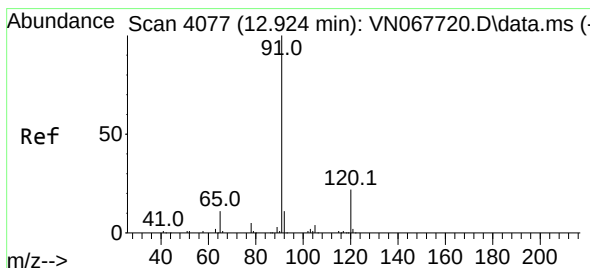
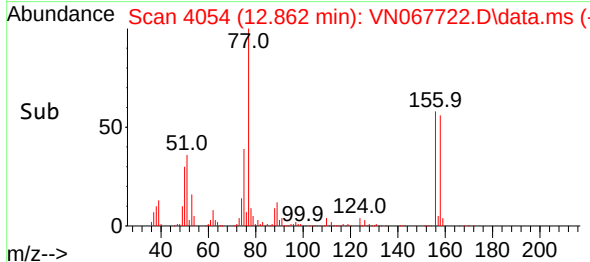
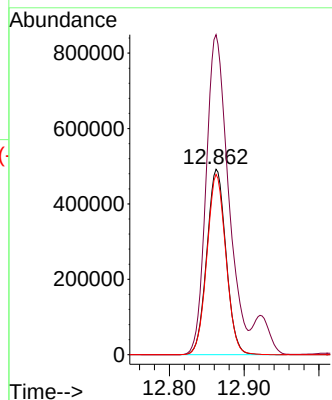
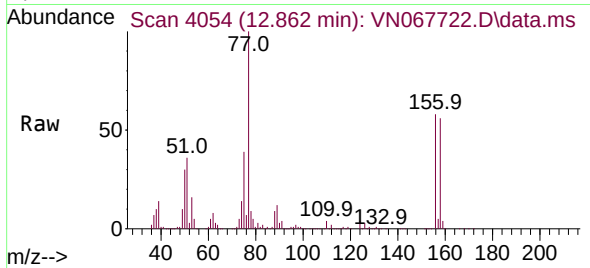




#73  
Bromobenzene  
Concen: 115.576 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. -0.003 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

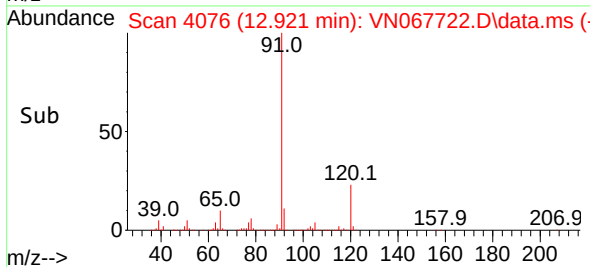
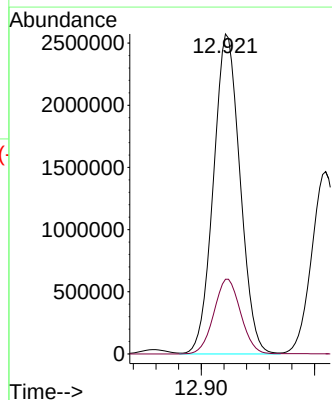
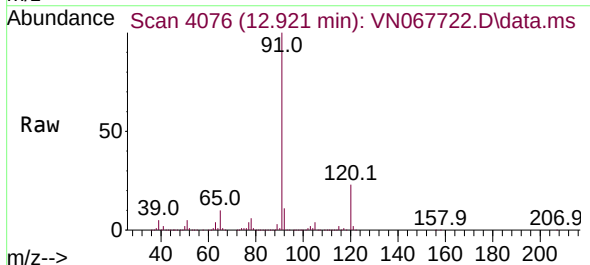
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion:156 Resp: 876227  
Ion Ratio Lower Upper  
156 100  
77 199.7 0.0 436.4  
158 96.5 0.0 191.4

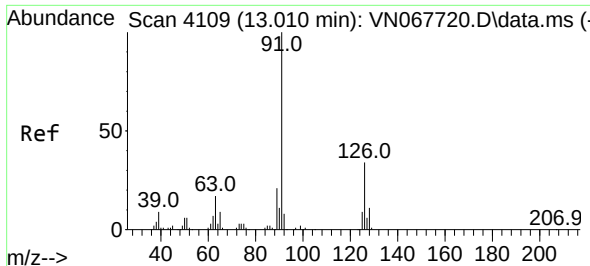


#74  
n-propylbenzene  
Concen: 111.690 ug/l  
RT: 12.921 min Scan# 4076  
Delta R.T. -0.003 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 91 Resp: 4198012  
Ion Ratio Lower Upper  
91 100  
120 23.5 0.0 44.2



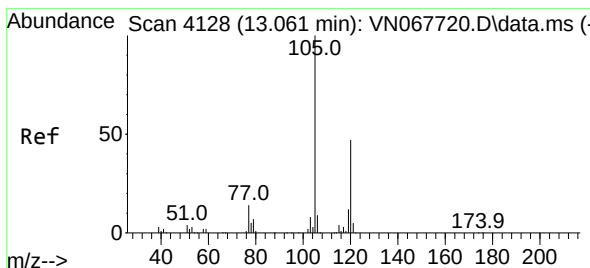
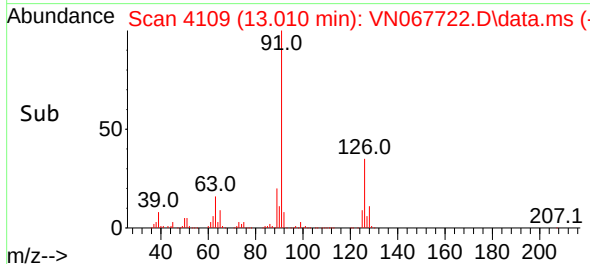
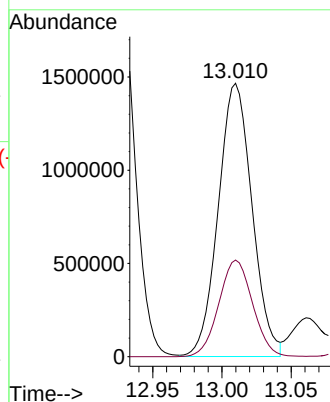
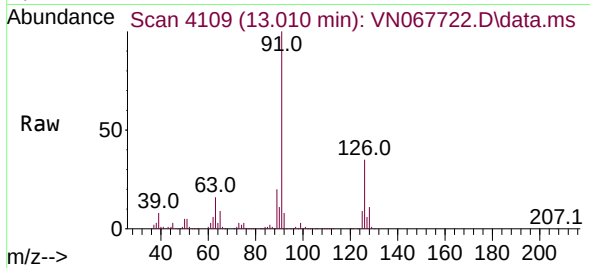




#75  
2-Chlorotoluene  
Concen: 110.401 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

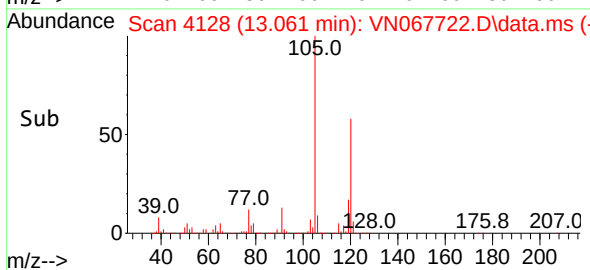
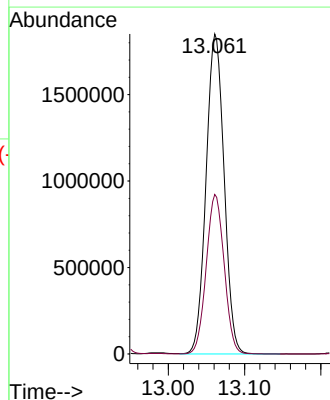
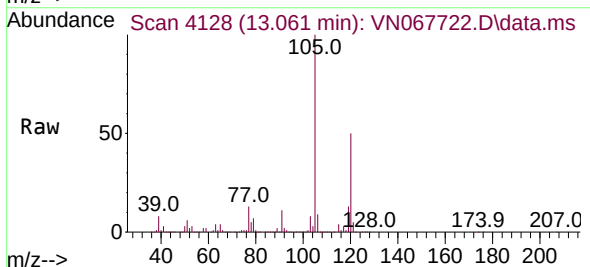
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

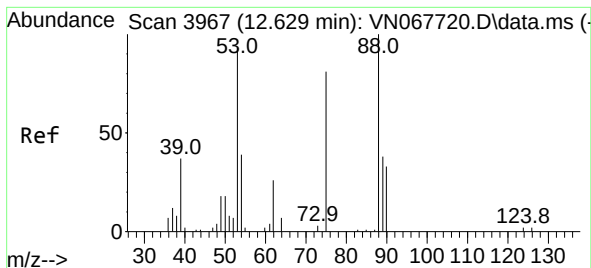
Tgt Ion: 91 Resp: 2491808  
Ion Ratio Lower Upper  
91 100  
126 35.4 0.0 66.2



#76  
1,3,5-Trimethylbenzene  
Concen: 111.137 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. 0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion:105 Resp: 3031933  
Ion Ratio Lower Upper  
105 100  
120 49.7 0.0 96.2

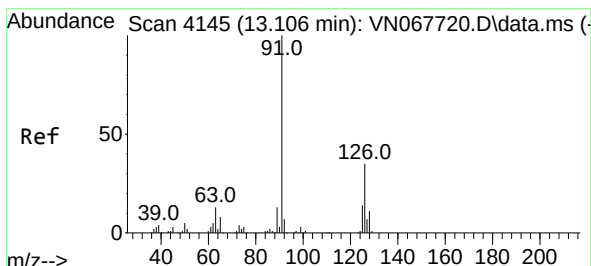
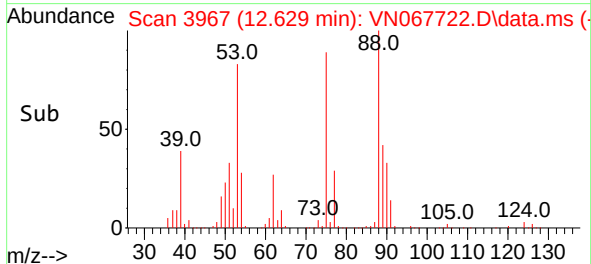
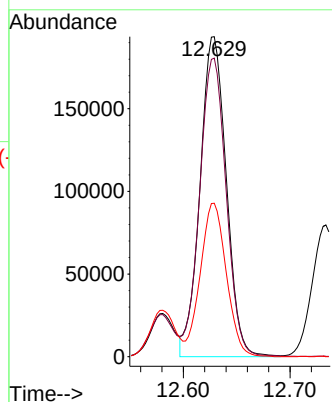
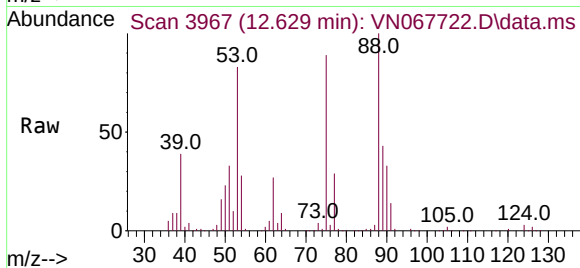




#77  
t-1,4-Dichloro-2-butene  
Concen: 122.442 ug/l  
RT: 12.629 min Scan# 3967  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

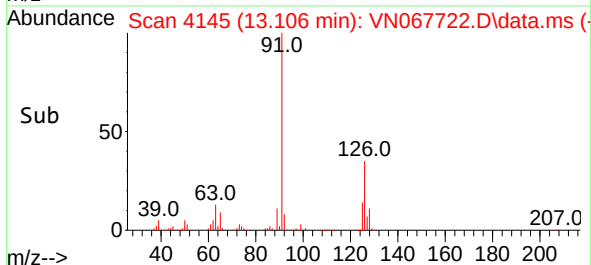
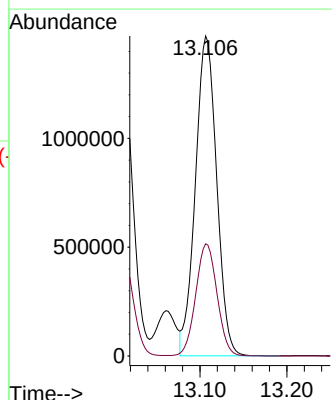
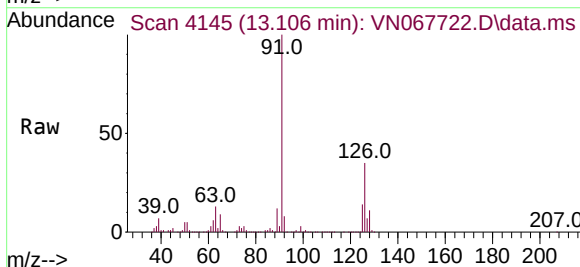
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

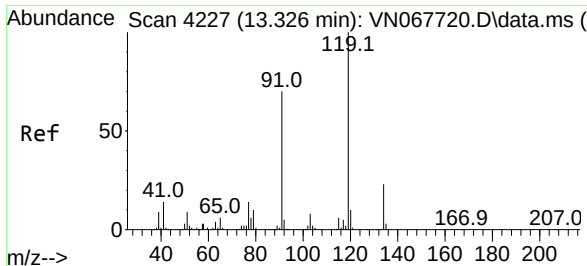
Tgt Ion: 75 Resp: 330699  
Ion Ratio Lower Upper  
75 100  
53 93.4 57.0 171.0  
89 48.1 24.7 74.1



#78  
4-Chlorotoluene  
Concen: 111.610 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

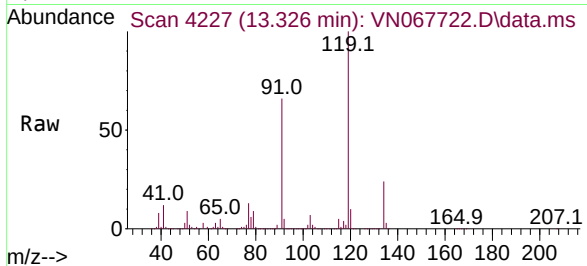
Tgt Ion: 91 Resp: 2497022  
Ion Ratio Lower Upper  
91 100  
126 35.1 0.0 66.4



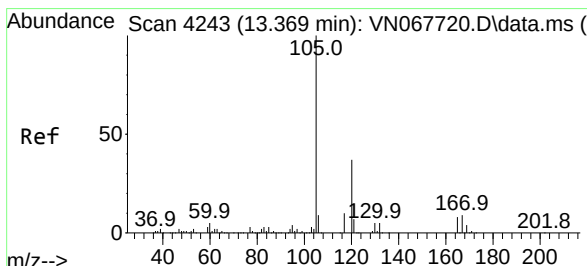
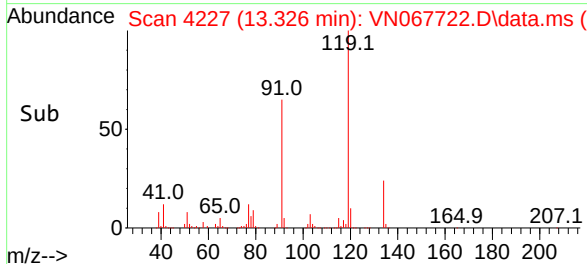
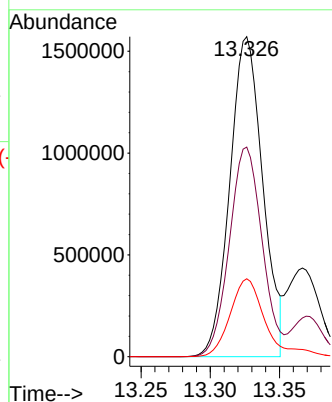


#79  
tert-butylbenzene  
Concen: 112.654 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

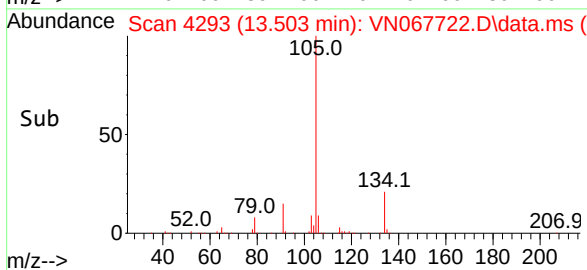
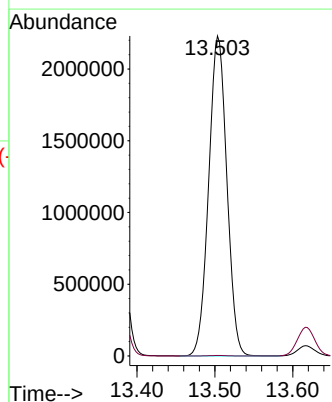
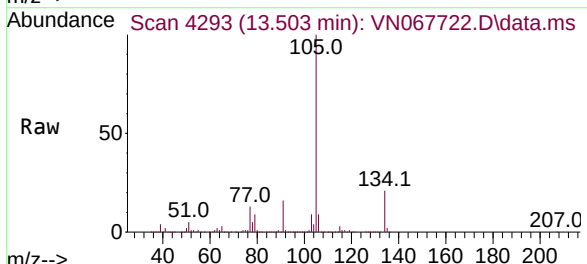


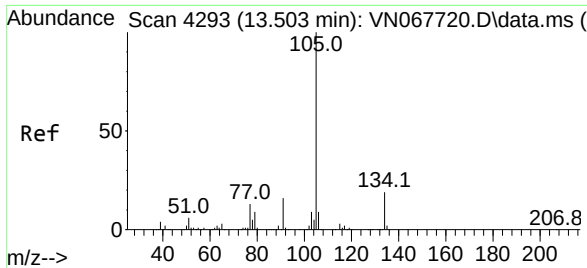
Tgt Ion:119 Resp: 2604665  
Ion Ratio Lower Upper  
119 100  
91 65.4 0.0 137.2  
134 26.0 0.0 50.2



#80  
1,2,4-Trimethylbenzene  
Concen: 134.637 ug/l  
RT: 13.503 min Scan# 4293  
Delta R.T. 0.134 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion:105 Resp: 3615428  
Ion Ratio Lower Upper  
105 100  
120 0.2 0.0 0.2

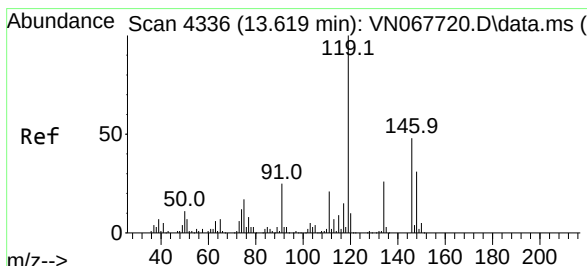
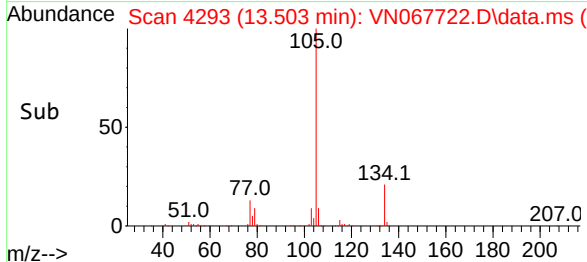
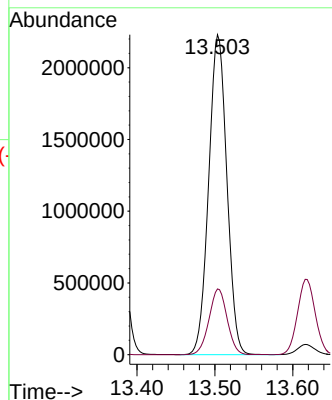
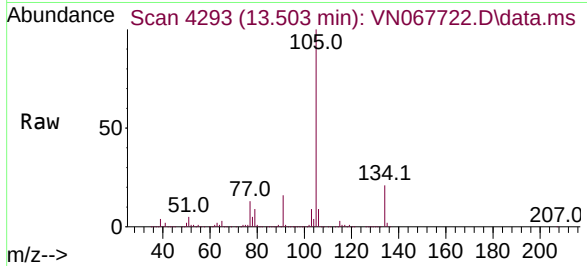




#81  
 sec-Butylbenzene  
 Concen: 112.645 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. -0.000 min  
 Lab File: VN067722.D  
 Acq: 13 Jul 2021 17:24

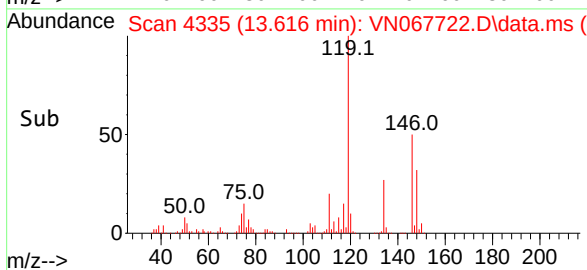
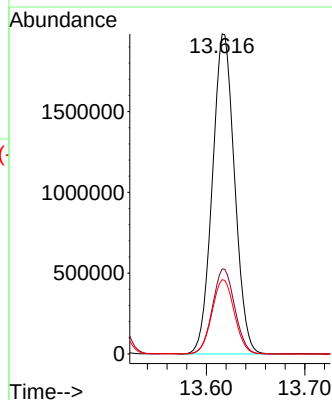
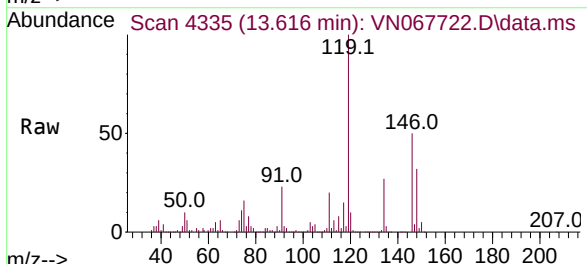
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

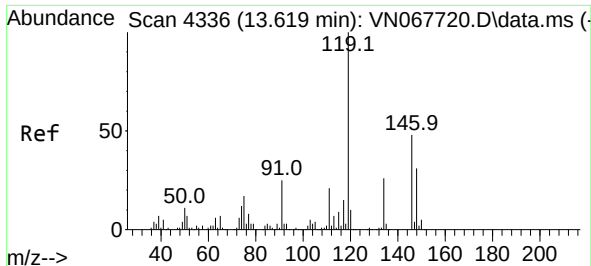
Tgt Ion:105 Resp: 3615428  
 Ion Ratio Lower Upper  
 105 100  
 134 20.5 0.0 38.4



#82  
 p-Isopropyltoluene  
 Concen: 116.058 ug/l  
 RT: 13.616 min Scan# 4335  
 Delta R.T. -0.003 min  
 Lab File: VN067722.D  
 Acq: 13 Jul 2021 17:24

Tgt Ion:119 Resp: 3104161  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 0.0 51.0  
 91 23.4 0.0 50.6

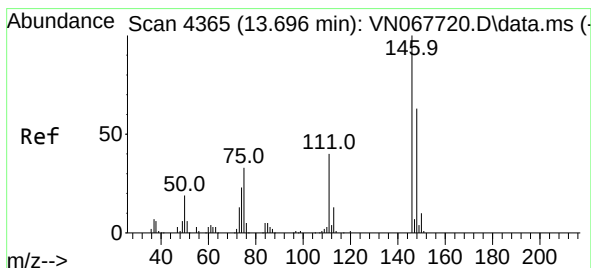
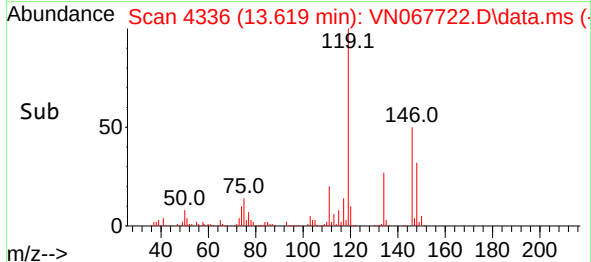
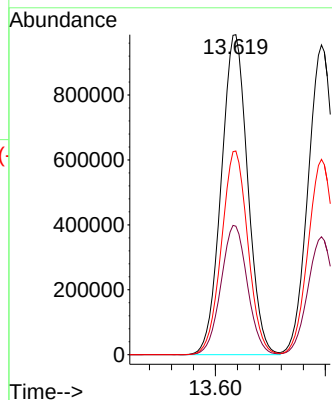
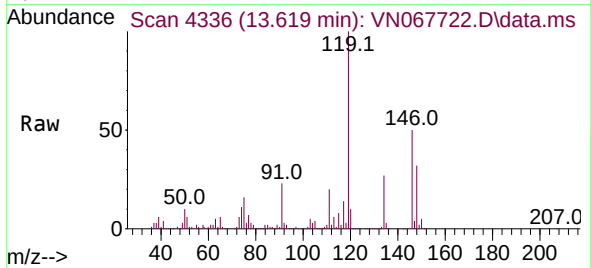




#83  
1,3-Dichlorobenzene  
Concen: 116.457 ug/l  
RT: 13.619 min Scan# 4336  
Delta R.T. 0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

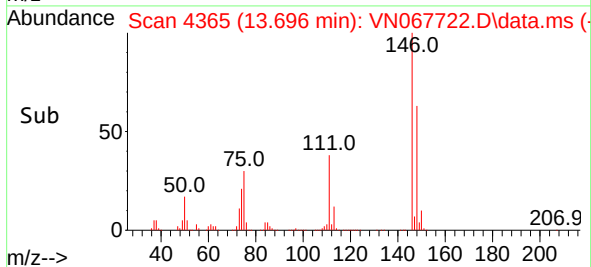
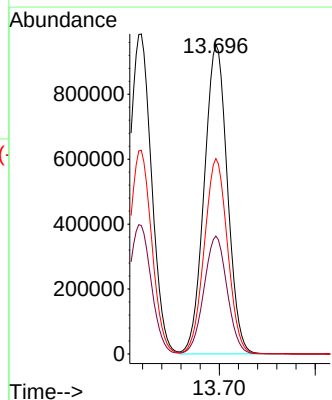
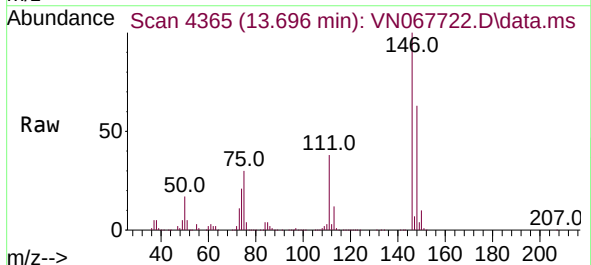
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

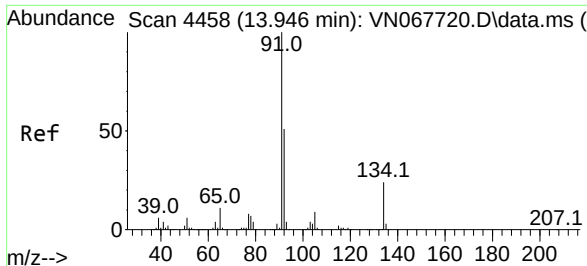
Tgt Ion:146 Resp: 1649231  
Ion Ratio Lower Upper  
146 100  
111 40.3 21.1 63.1  
148 63.5 31.9 95.7



#84  
1,4-Dichlorobenzene  
Concen: 116.775 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion:146 Resp: 1601419  
Ion Ratio Lower Upper  
146 100  
111 38.0 20.0 59.9  
148 63.3 31.8 95.3

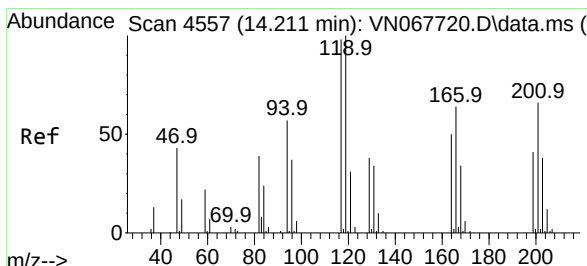
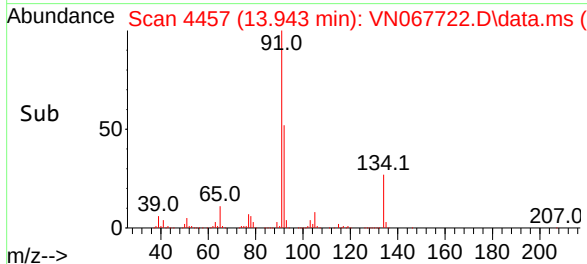
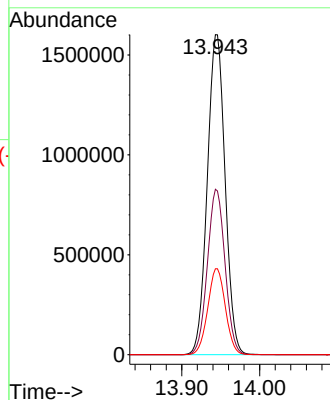
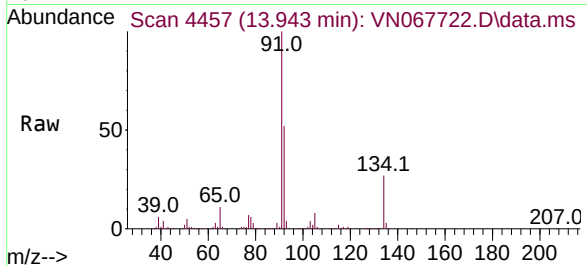




#85  
n-Butylbenzene  
Concen: 114.832 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. -0.003 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

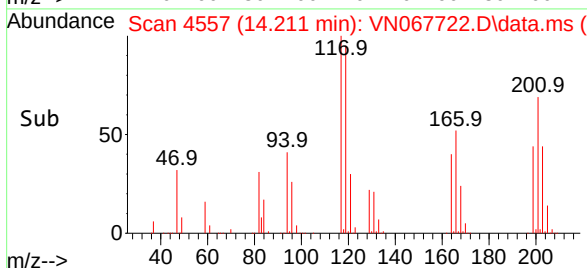
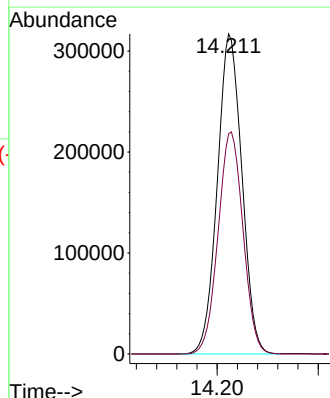
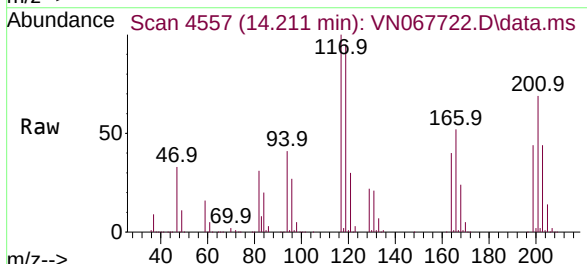
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

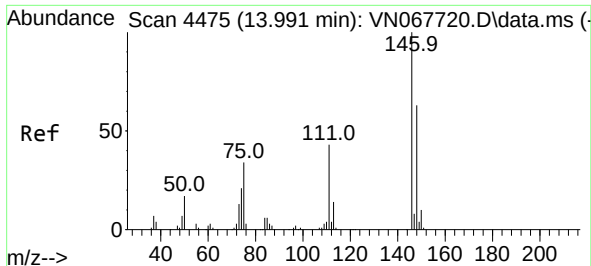
Tgt Ion: 91 Resp: 2544975  
Ion Ratio Lower Upper  
91 100  
92 51.3 0.0 102.6  
134 26.6 0.0 48.6



#86  
Hexachloroethane  
Concen: 117.000 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. 0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 117 Resp: 534336  
Ion Ratio Lower Upper  
117 100  
201 70.4 31.8 95.3

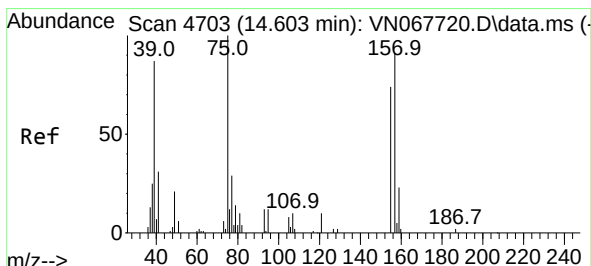
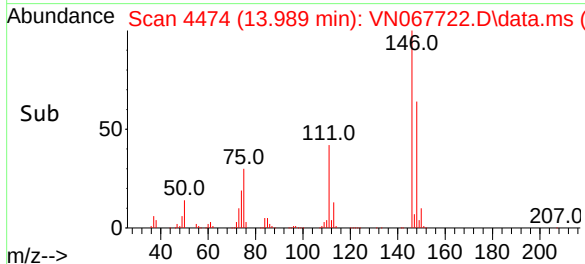
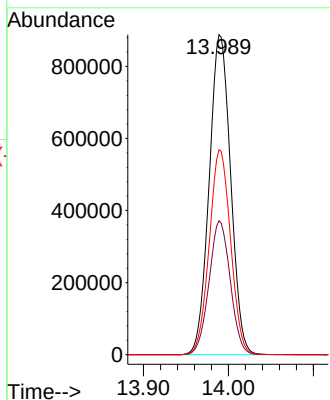
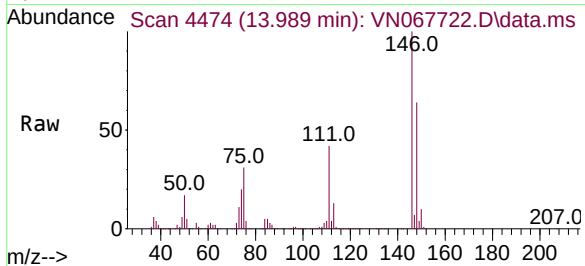




#87  
1,2-Dichlorobenzene  
Concen: 116.085 ug/l  
RT: 13.989 min Scan# 4474  
Delta R.T. -0.003 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

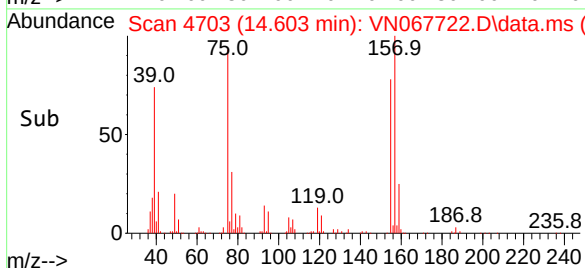
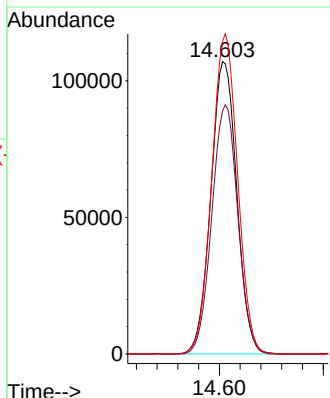
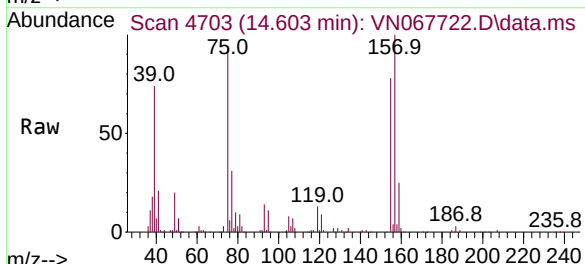
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

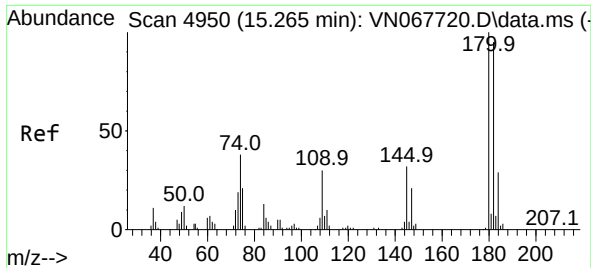
Tgt Ion:146 Resp: 1555517  
Ion Ratio Lower Upper  
146 100  
111 41.4 22.0 66.0  
148 63.7 31.7 95.1



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 109.429 ug/l  
RT: 14.603 min Scan# 4703  
Delta R.T. 0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion: 75 Resp: 185686  
Ion Ratio Lower Upper  
75 100  
155 85.5 59.2 88.8  
157 109.1 75.4 113.2

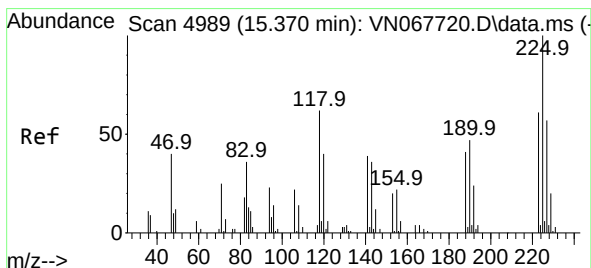
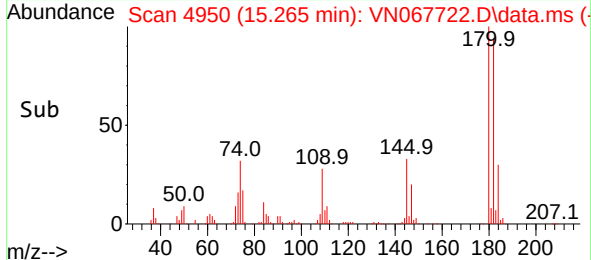
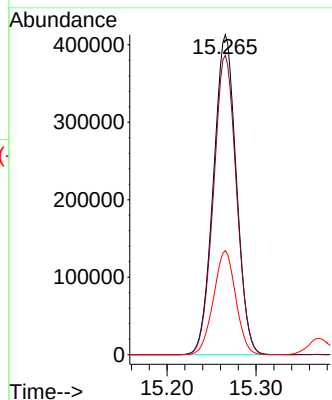
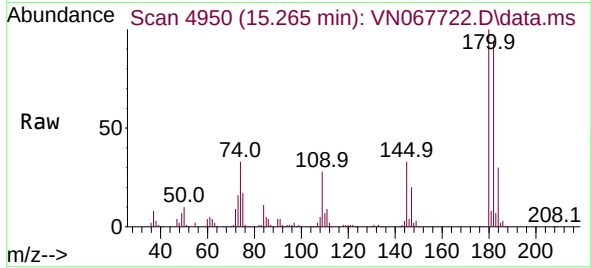




#89  
1,2,4-Trichlorobenzene  
Concen: 116.795 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

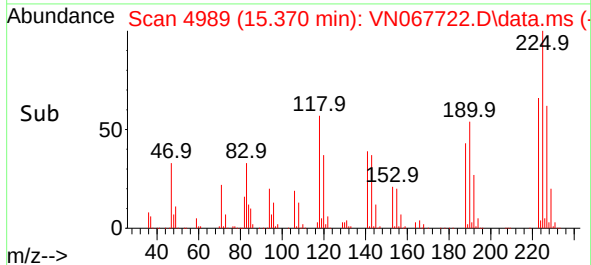
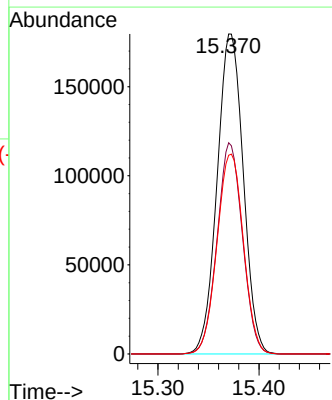
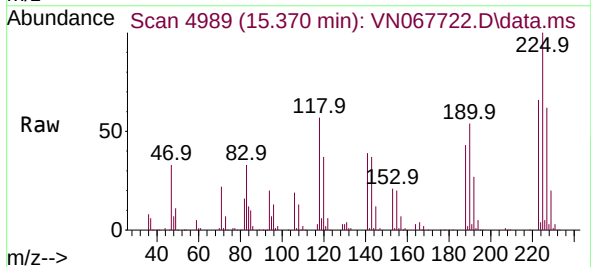
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion:180 Resp: 737192  
Ion Ratio Lower Upper  
180 100  
182 94.1 74.5 111.7  
145 31.7 25.4 38.0

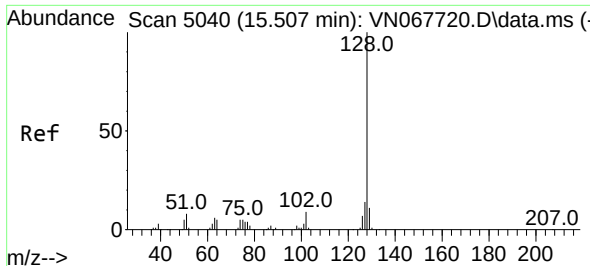


#90  
Hexachlorobutadiene  
Concen: 107.451 ug/l  
RT: 15.370 min Scan# 4989  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion:225 Resp: 322806  
Ion Ratio Lower Upper  
225 100  
223 64.0 0.0 124.6  
227 63.0 0.0 115.6



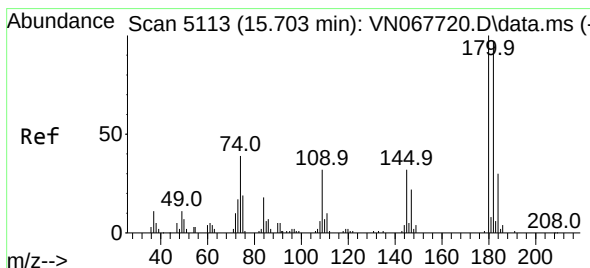
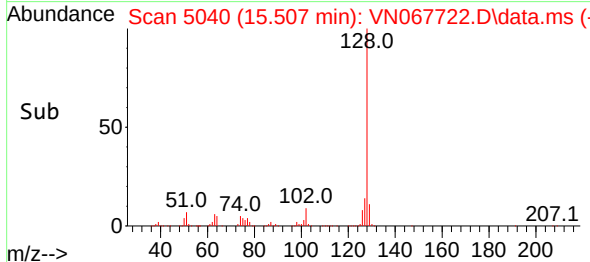
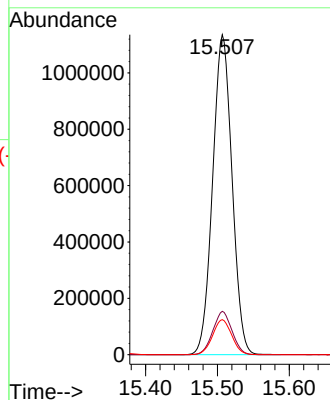
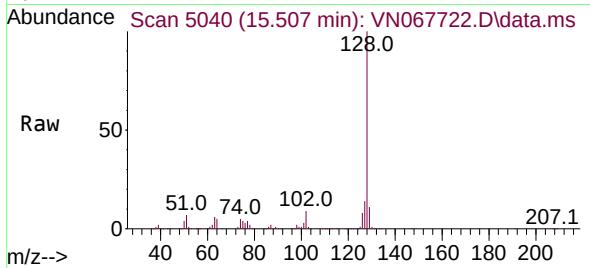




#91  
Naphthalene  
Concen: 122.947 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion:128 Resp: 2123908  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.9 16.3  
129 10.8 8.7 13.1



#92  
1,2,3-Trichlorobenzene  
Concen: 116.127 ug/l  
RT: 15.703 min Scan# 5113  
Delta R.T. -0.000 min  
Lab File: VN067722.D  
Acq: 13 Jul 2021 17:24

Tgt Ion:180 Resp: 697427  
Ion Ratio Lower Upper  
180 100  
182 94.9 0.0 190.8  
145 33.4 0.0 68.2

