

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090321\  
 Data File : VN068402.D  
 Acq On : 3 Sep 2021 12:11  
 Operator : JC/MD  
 Sample : VSTDIC100  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 03 13:04:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N090321W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Sep 03 13:01:16 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc       | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|------------|--------|----------|
| -----                        |        |       |          |            |        |          |
| Internal Standards           |        |       |          |            |        |          |
| 1) Bromochloromethane        | 7.662  | 128   | 129934   | 30.000     | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 9.105  | 114   | 306      | 30.000     | ug/l   | 0.13     |
| 57) Chlorobenzene-d5         | 11.746 | 117   | 589648   | 30.000     | ug/l   | # 0.00   |
| System Monitoring Compounds  |        |       |          |            |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.440  | 65    | 220050   | 22.700     | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery   | =      | 75.667%# |
| 60) 4-Bromofluorobenzene     | 12.733 | 95    | 251356   | 27.079     | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery   | =      | 90.267%  |
| 63) Toluene-d8               | 10.446 | 98    | 772390   | 28.679     | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery   | =      | 95.600%  |
| Target Compounds             |        |       |          |            |        |          |
|                              |        |       |          |            | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.075  | 85    | 676490   | 98.633     | ug/l   | 98       |
| 3) Chloromethane             | 2.306  | 50    | 582445   | 73.115     | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.448  | 62    | 869909   | 71.246     | ug/l   | 95       |
| 5) Bromomethane              | 2.832  | 94    | 805996   | 77.643     | ug/l   | 93       |
| 6) Chloroethane              | 3.006  | 64    | 606607   | 68.510     | ug/l   | # 89     |
| 7) Trichlorofluoromethane    | 3.373  | 101   | 1188573  | 54.778     | ug/l   | 97       |
| 8) Diethyl Ether             | 3.829  | 74    | 386847   | 88.004     | ug/l   | 76       |
| 9) 1,1,2-Trichlorotrifluo... | 4.218  | 101   | 685242   | 96.579     | ug/l   | 80       |
| 10) 1,1-Dichloroethene       | 4.189  | 96    | 646453   | 97.378     | ug/l   | # 76     |
| 11) Methyl Iodide            | 4.430  | 142   | 1108093  | 123.330    | ug/l   | 86       |
| 13) Acrolein                 | 4.046  | 56    | 283997   | 298.285    | ug/l   | 99       |
| 14) Acrylonitrile            | 5.556  | 53    | 1339817  | 371.533    | ug/l   | 98       |
| 15) Acetone                  | 4.285  | 58    | 373119   | 367.036    | ug/l   | 69       |
| 16) Carbon Disulfide         | 4.540  | 76    | 1682333  | 95.493     | ug/l   | 99       |
| 17) Allyl chloride           | 4.846  | 41    | 820442   | 76.845     | ug/l   | 90       |
| 18) Methylene Chloride       | 5.101  | 84    | 684275   | 82.155     | ug/l   | # 81     |
| 19) trans-1,2-Dichloroethene | 5.602  | 96    | 738812   | 96.158     | ug/l   | # 74     |
| 20) Diisopropyl ether        | 6.498  | 45    | 1707836  | 68.665     | ug/l   | # 91     |
| 21) 1,1-Dichloroethane       | 6.391  | 63    | 1133277  | 80.526     | ug/l   | 94       |
| 23) tert-Butyl Alcohol       | 5.369  | 59    | 476702   | 339.610    | ug/l   | # 100    |
| 24) Methyl tert-Butyl Ether  | 5.615  | 73    | 2157576  | 84.509     | ug/l   | # 86     |
| 25) Chloroform               | 7.820  | 83    | 1336700  | 85.065     | ug/l   | 99       |
| 26) Cyclohexane              | 8.099  | 56    | 1014969  | 81.996     | ug/l   | # 75     |
| 29) 1,1-Dichloropropene      | 8.225  | 75    | 961291   | 199921.888 | ug/l   | 90       |
| 30) 2-Butanone               | 7.335  | 43    | 1708499  | 788908.596 | ug/l   | # 86     |
| 31) 2,2-Dichloropropane      | 7.329  | 77    | 1096037  | 197745.098 | ug/l   | # 90     |
| 32) 1,1,1-Trichloroethane    | 8.018  | 97    | 1269693  | 211272.611 | ug/l   | # 92     |
| 33) Carbon Tetrachloride     | 8.209  | 117   | 1198551  | 230321.592 | ug/l   | 95       |
| 34) Benzene                  | 8.464  | 78    | 2822689  | 195920.177 | ug/l   | # 89     |
| 35) Methacrylonitrile        | 7.638  | 41    | 343187   | 155278.963 | ug/l   | 83       |
| 36) 1,2-Dichloroethane       | 8.531  | 62    | 937210   | 181474.008 | ug/l   | # 92     |
| 37) Trichloroethene          | 9.220  | 130   | 928182   | 236537.439 | ug/l   | # 73     |
| 38) Methylcyclohexane        | 9.461  | 83    | 1296823  | 233045.269 | ug/l   | 83       |
| 39) 1,2-Dichloropropane      | 9.494  | 63    | 662609   | 184890.110 | ug/l   | 99       |
| 40) Dibromomethane           | 9.579  | 93    | 537086   | 200704.958 | ug/l   | 69       |
| 41) Bromodichloromethane     | 9.764  | 83    | 1036328  | 199941.606 | ug/l   | # 98     |
| 42) Vinyl Acetate            | 6.436  | 43    | 6652495  | 765413.116 | ug/l   | # 88     |
| 43) Ethyl Acetate            | 7.412  | 43    | 715366   | 158485.824 | ug/l   | # 66     |
| 44) Isopropyl Acetate        | 8.560  | 43    | 1242567  | 159725.058 | ug/l   | # 89     |

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 Data File : VN068402.D  
 Acq On : 3 Sep 2021 12:11  
 Operator : JC/MD  
 Sample : VSTDIC100  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

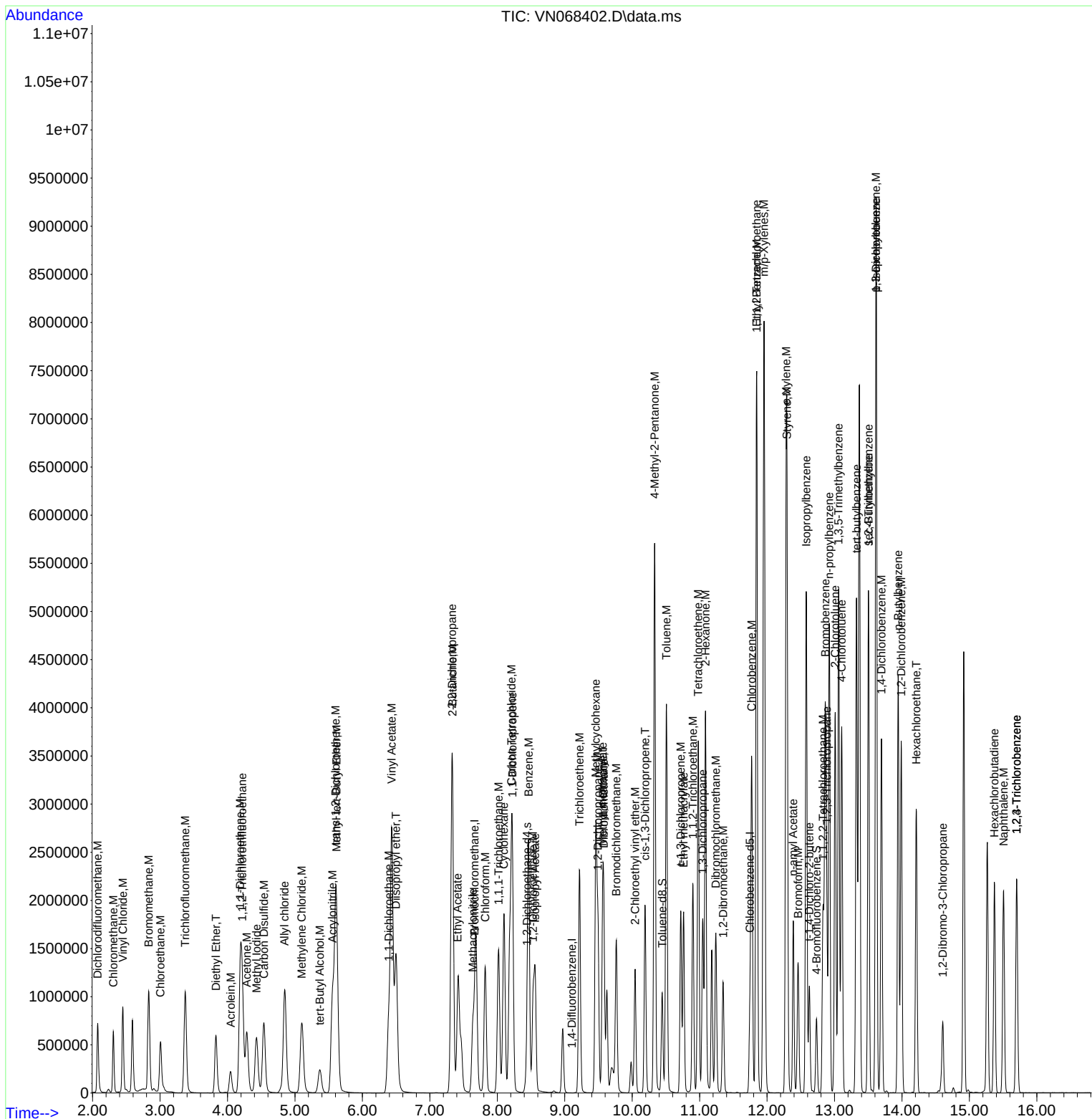
Instrument :  
 MSVOA\_N  
 ClientSampleId :

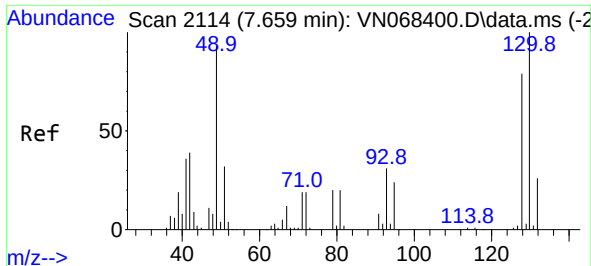
Quant Time: Sep 03 13:04:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N090321W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Sep 03 13:01:16 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc        | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------------|--------|----------|
| -----                         |        |      |          |             |        |          |
| 45) 1,4-Dioxane               | 9.569  | 88   | 216572   | 3527870.782 | ug/l   | 86       |
| 46) Methyl methacrylate       | 9.561  | 41   | 554321   | 162571.581  | ug/l   | 81       |
| 47) n-amyl Acetate            | 12.387 | 43   | 889076   | 140314.611  | ug/l   | 92       |
| 48) t-1,3-Dichloropropene     | 10.719 | 75   | 1057002  | 189345.972  | ug/l   | 97       |
| 49) cis-1,3-Dichloropropene   | 10.191 | 75   | 1165768  | 198098.062  | ug/l # | 82       |
| 50) 1,1,2-Trichloroethane     | 10.899 | 97   | 750897   | 198822.854  | ug/l   | 94       |
| 51) Ethyl methacrylate        | 10.762 | 69   | 1007272  | 176602.652  | ug/l   | 80       |
| 52) 1,3-Dichloropropane       | 11.046 | 76   | 1128649  | 184185.810  | ug/l   | 99       |
| 53) Dibromochloromethane      | 11.240 | 129  | 954094   | 230181.858  | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 11.347 | 107  | 804136   | 204989.994  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether | 10.043 | 63   | 583721   | 539670.652  | ug/l # | 91       |
| 56) Bromoform                 | 12.460 | 173  | 756600   | 254425.324  | ug/l # | 100      |
| 58) 4-Methyl-2-Pentanone      | 10.333 | 43   | 3508316  | 363.289     | ug/l # | 86       |
| 59) 2-Hexanone                | 11.087 | 43   | 2382605  | 349.762     | ug/l # | 86       |
| 61) Tetrachloroethene         | 10.979 | 164  | 935315   | 118.444     | ug/l   | 87       |
| 62) Toluene                   | 10.507 | 91   | 3288038  | 94.408      | ug/l   | 100      |
| 64) Chlorobenzene             | 11.771 | 112  | 2145673  | 100.855     | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 881833   | 108.438     | ug/l   | 99       |
| 66) Ethyl Benzene             | 11.846 | 91   | 3626937  | 94.458      | ug/l   | 91       |
| 67) m/p-Xylenes               | 11.956 | 106  | 2983379  | 199.935     | ug/l   | 76       |
| 68) o-Xylene                  | 12.283 | 106  | 1461538  | 99.478      | ug/l   | 75       |
| 69) Styrene                   | 12.296 | 104  | 2344240  | 98.275      | ug/l # | 89       |
| 70) Isopropylbenzene          | 12.581 | 105  | 3739793  | 98.727      | ug/l   | 93       |
| 71) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 924294   | 87.470      | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 12.884 | 75   | 1090051  | 122.843     | ug/l   | 66       |
| 73) Bromobenzene              | 12.862 | 156  | 1050328  | 115.865     | ug/l   | 48       |
| 74) n-propylbenzene           | 12.921 | 91   | 4044113  | 94.947      | ug/l   | 87       |
| 75) 2-Chlorotoluene           | 13.010 | 91   | 2354377  | 92.092      | ug/l # | 100      |
| 76) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 3068947  | 97.728      | ug/l   | 90       |
| 77) t-1,4-Dichloro-2-butene   | 12.626 | 75   | 263429   | 87.892      | ug/l   | 85       |
| 78) 4-Chlorotoluene           | 13.106 | 91   | 2307142  | 91.702      | ug/l   | 81       |
| 79) tert-butylbenzene         | 13.326 | 119  | 2843068  | 105.441     | ug/l   | 80       |
| 80) 1,2,4-Trimethylbenzene    | 13.503 | 105  | 3821022  | 124.033     | ug/l   | 100      |
| 81) sec-Butylbenzene          | 13.503 | 105  | 3821022  | 103.223     | ug/l   | 89       |
| 82) p-Isopropyltoluene        | 13.616 | 119  | 3354434  | 107.467     | ug/l   | 88       |
| 83) 1,3-Dichlorobenzene       | 13.616 | 146  | 1845268  | 110.054     | ug/l   | 91       |
| 84) 1,4-Dichlorobenzene       | 13.696 | 146  | 1781916  | 110.321     | ug/l   | 91       |
| 85) n-Butylbenzene            | 13.943 | 91   | 2517075  | 100.689     | ug/l   | 94       |
| 86) Hexachloroethane          | 14.211 | 117  | 574247   | 107.136     | ug/l # | 58       |
| 87) 1,2-Dichlorobenzene       | 13.989 | 146  | 1743131  | 110.020     | ug/l   | 91       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.605 | 75   | 169599   | 89.885      | ug/l # | 15       |
| 89) 1,2,4-Trichlorobenzene    | 15.700 | 180  | 929487   | 123.343     | ug/l   | 97       |
| 90) Hexachlorobutadiene       | 15.370 | 225  | 565768   | 150.475     | ug/l   | 97       |
| 91) Naphthalene               | 15.507 | 128  | 2129597  | 109.313     | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 15.700 | 180  | 929866   | 130.127     | ug/l   | 94       |
| -----                         |        |      |          |             |        |          |

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

Quant Time: Sep 03 13:04:05 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N090321W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Fri Sep 03 13:01:16 2021  
Response via : Initial Calibration

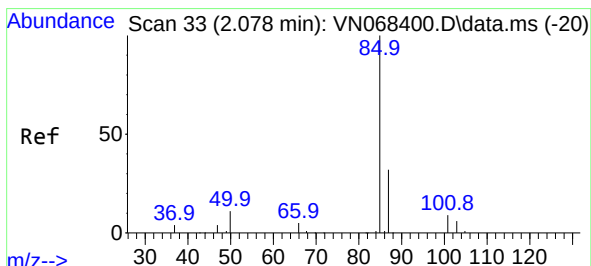
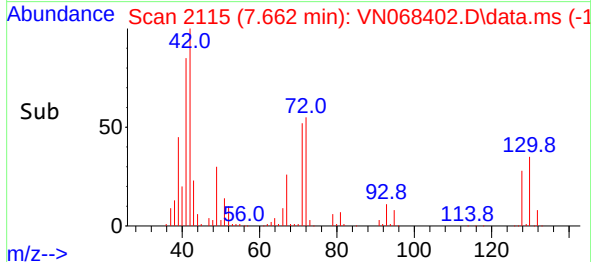
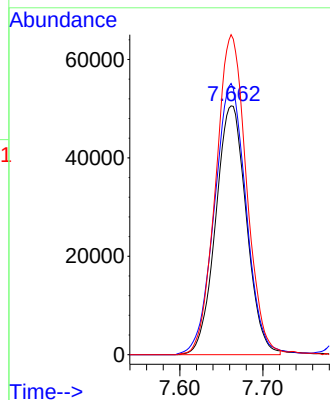
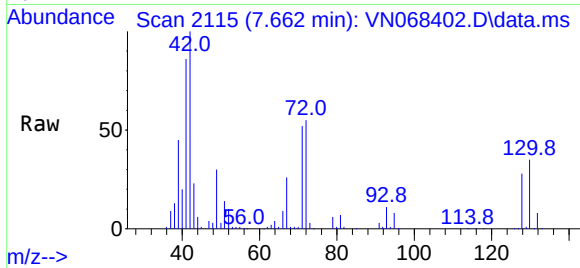




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.662 min Scan# 2115  
Delta R.T. 0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

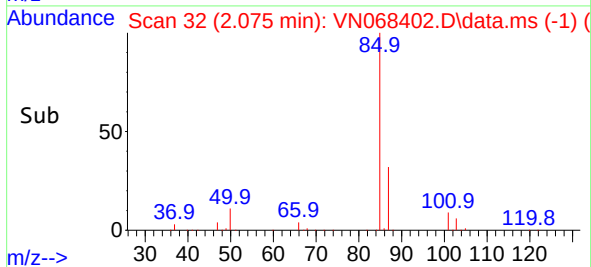
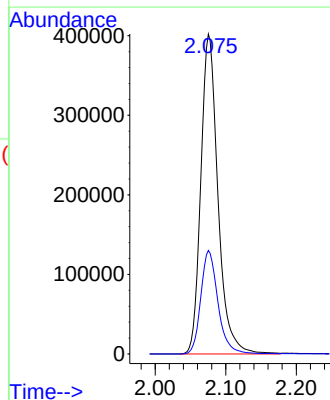
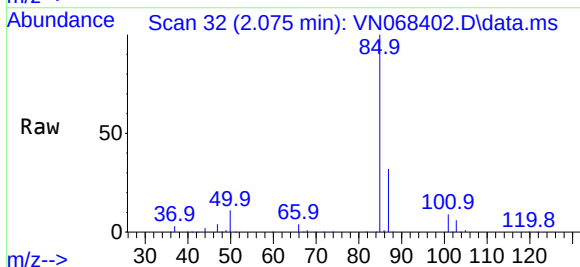
Instrument :  
MSVOA\_N  
ClientSampled :

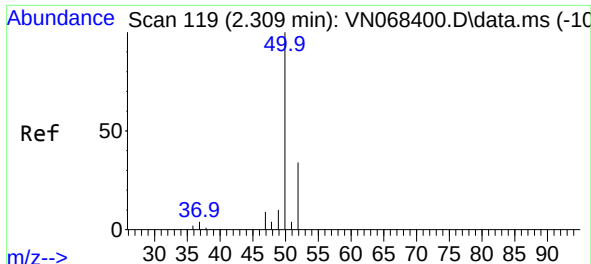
Tgt Ion:128 Resp: 129934  
Ion Ratio Lower Upper  
128 100  
49 112.9 0.0 517.5  
130 128.7 0.0 325.8



#2  
Dichlorodifluoromethane  
Concen: 98.633 ug/l  
RT: 2.075 min Scan# 32  
Delta R.T. -0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 85 Resp: 676490  
Ion Ratio Lower Upper  
85 100  
87 32.4 15.7 47.0

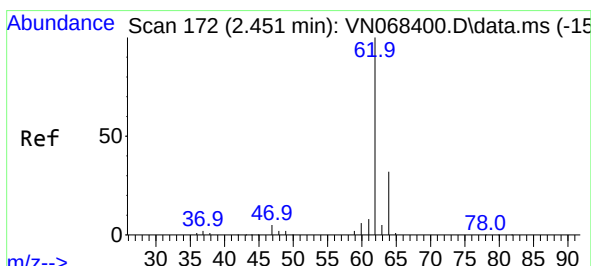
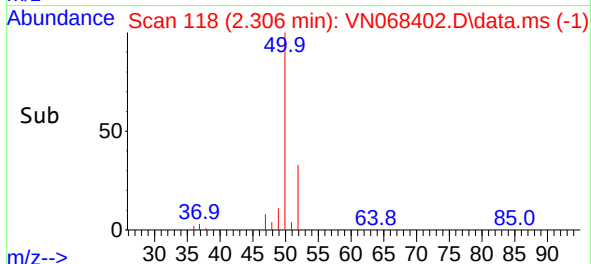
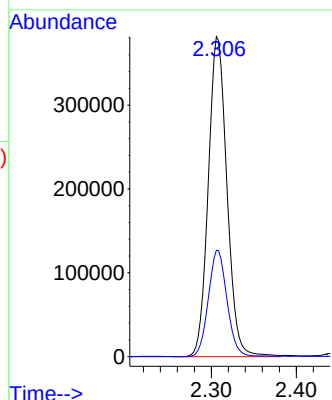
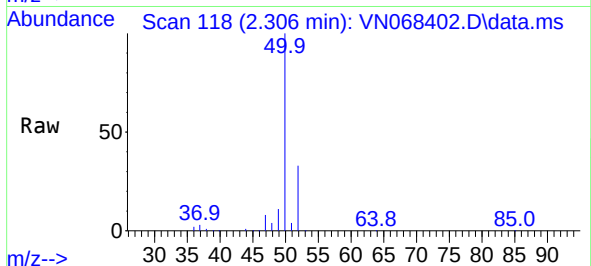




#3  
Chloromethane  
Concen: 73.115 ug/l  
RT: 2.306 min Scan# 118  
Delta R.T. -0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

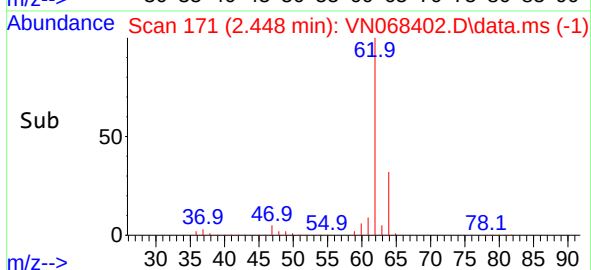
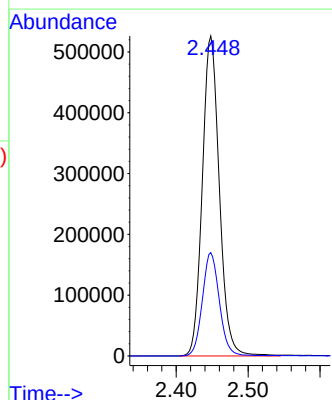
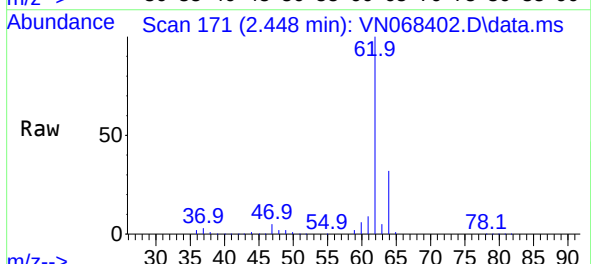
Instrument :  
MSVOA\_N  
ClientSampled :

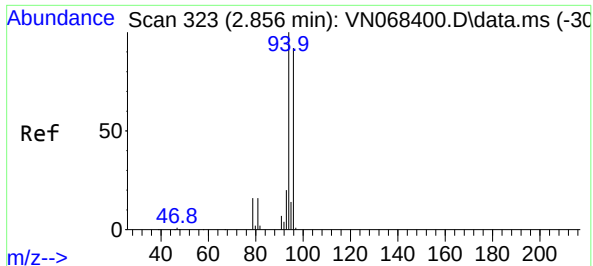
Tgt Ion: 50 Resp: 582445  
Ion Ratio Lower Upper  
50 100  
52 33.3 26.0 39.0



#4  
Vinyl Chloride  
Concen: 71.246 ug/l  
RT: 2.448 min Scan# 171  
Delta R.T. -0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 62 Resp: 869909  
Ion Ratio Lower Upper  
62 100  
64 32.3 23.7 35.5

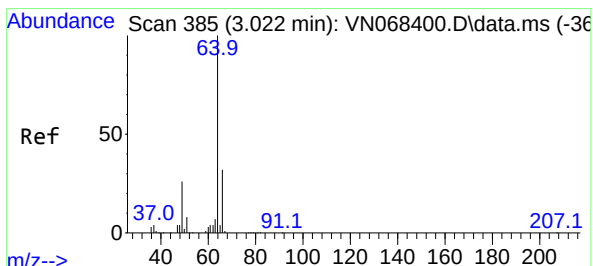
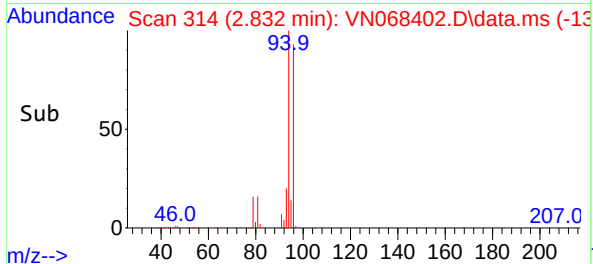
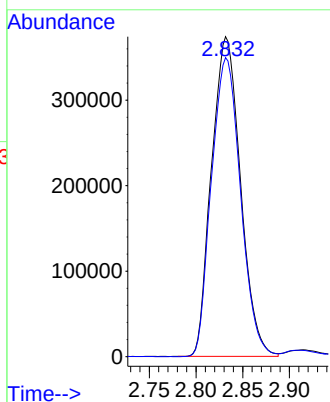
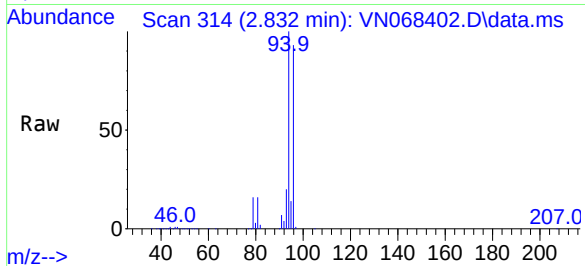




#5  
Bromomethane  
Concen: 77.643 ug/l  
RT: 2.832 min Scan# 314  
Delta R.T. -0.024 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

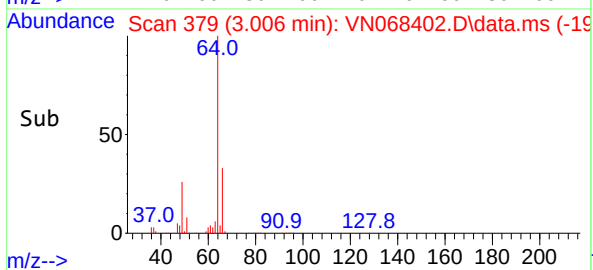
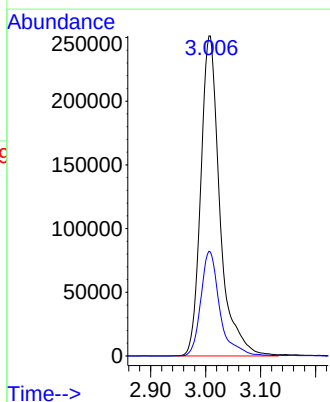
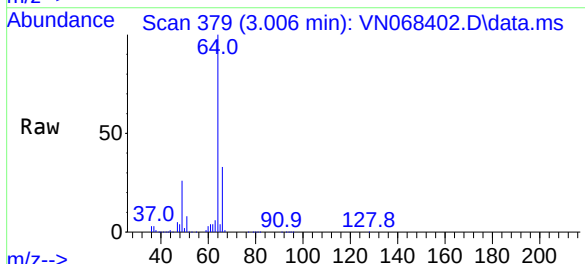
Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion: 94 Resp: 805996  
Ion Ratio Lower Upper  
94 100  
96 93.5 69.4 104.2

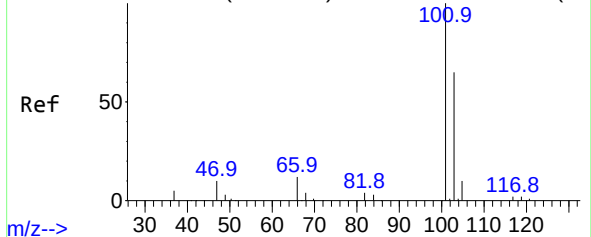


#6  
Chloroethane  
Concen: 68.510 ug/l  
RT: 3.006 min Scan# 379  
Delta R.T. -0.016 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 64 Resp: 606607  
Ion Ratio Lower Upper  
64 100  
66 32.6 21.5 32.3#



Abundance Scan 519 (3.381 min): VN068400.D\data.ms (-49

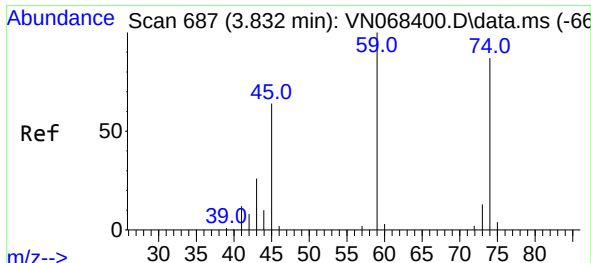
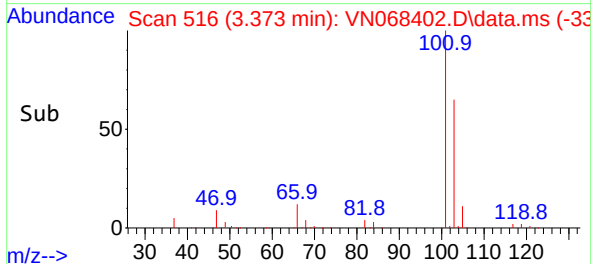
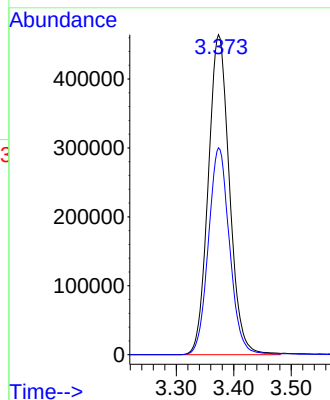
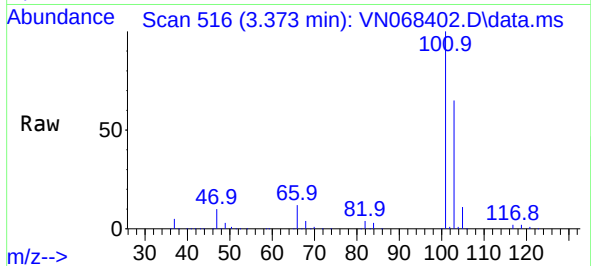


#7

Trichlorofluoromethane  
Concen: 54.778 ug/l  
RT: 3.373 min Scan# 516  
Delta R.T. -0.008 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion:101 Resp: 1188573  
Ion Ratio Lower Upper  
101 100  
103 64.6 53.7 80.5

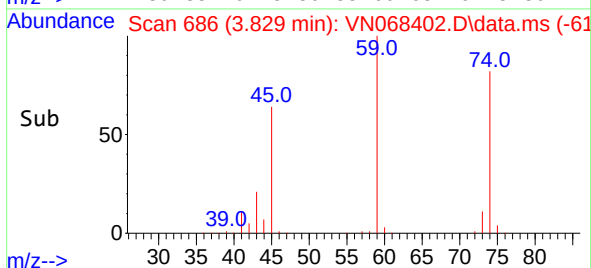
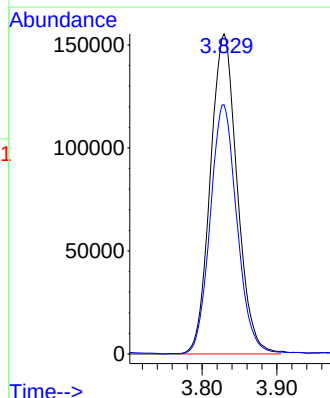
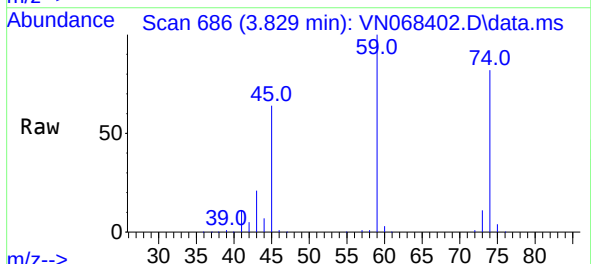
Instrument :  
MSVOA\_N  
ClientSampled :

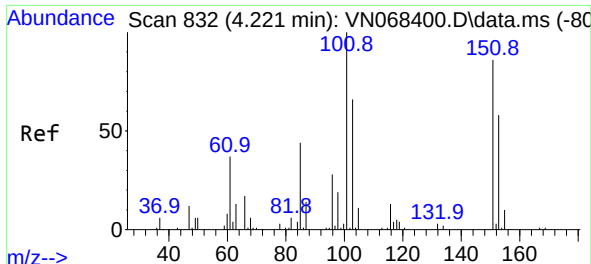


#8

Diethyl Ether  
Concen: 88.004 ug/l  
RT: 3.829 min Scan# 686  
Delta R.T. -0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 74 Resp: 386847  
Ion Ratio Lower Upper  
74 100  
45 77.2 20.3 182.5

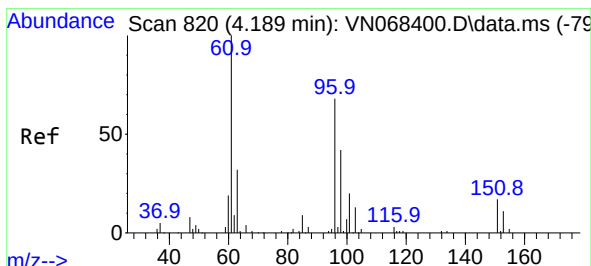
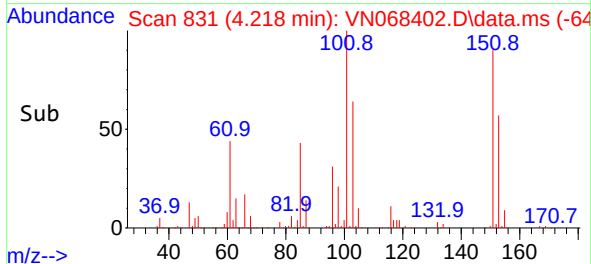
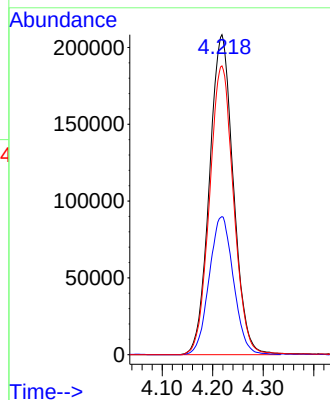
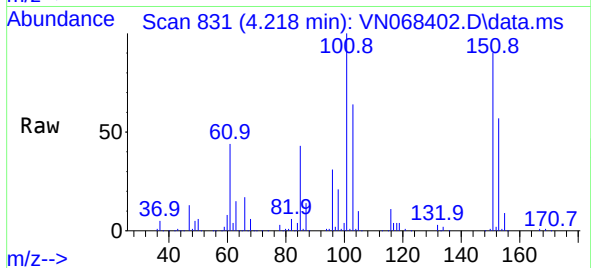




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 96.579 ug/l  
RT: 4.218 min Scan# 831  
Delta R.T. -0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

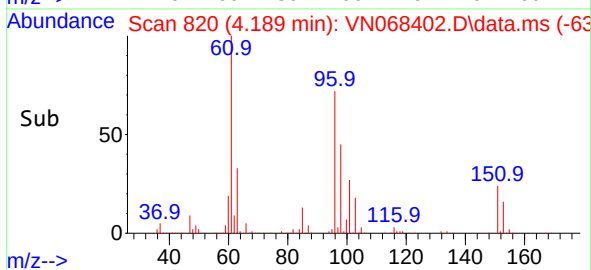
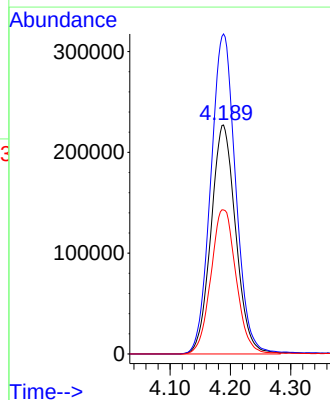
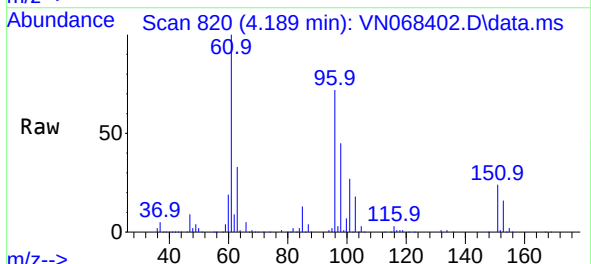
Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion:101 Resp: 685242  
Ion Ratio Lower Upper  
101 100  
85 43.9 0.0 97.8  
151 90.9 0.0 135.0

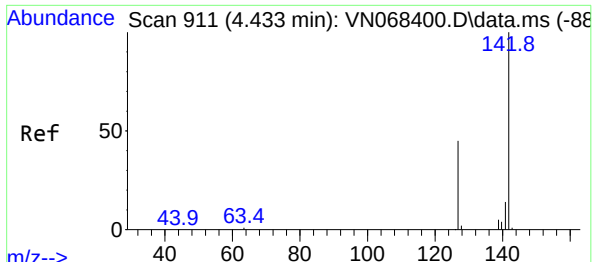


#10  
1,1-Dichloroethene  
Concen: 97.378 ug/l  
RT: 4.189 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 96 Resp: 646453  
Ion Ratio Lower Upper  
96 100  
61 139.7 148.3 222.5#  
98 62.9 48.6 73.0



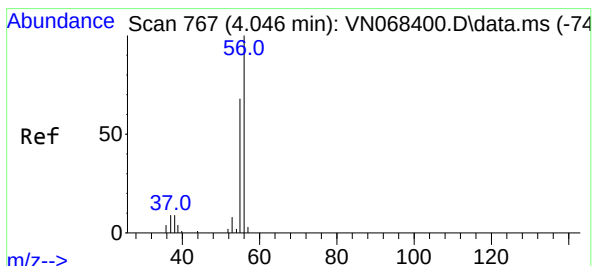
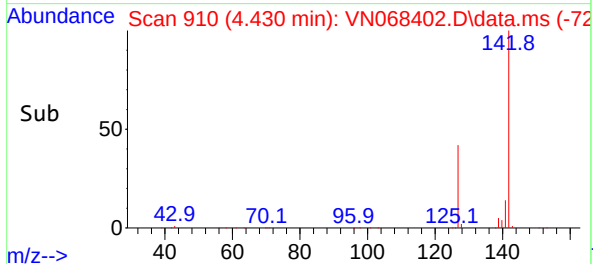
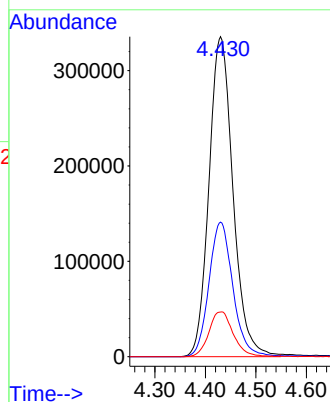
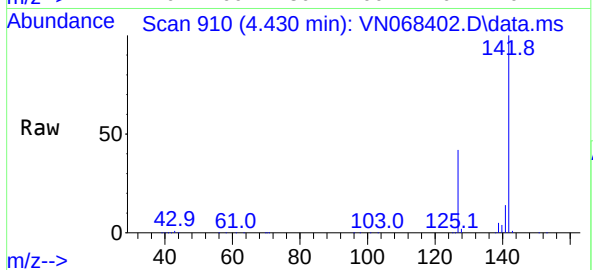




#11  
Methyl Iodide  
Concen: 123.330 ug/l  
RT: 4.430 min Scan# 910  
Delta R.T. -0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

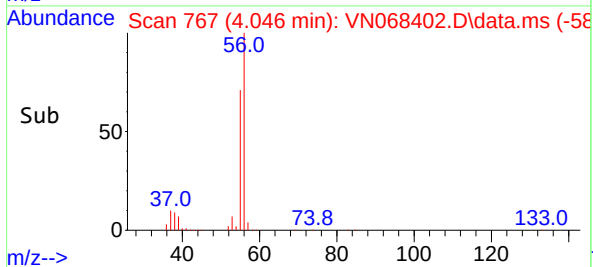
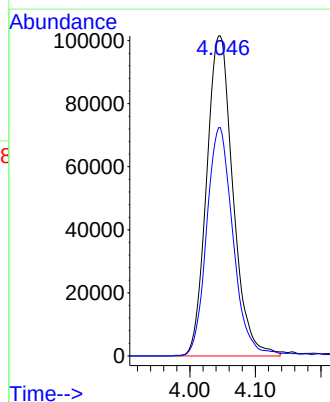
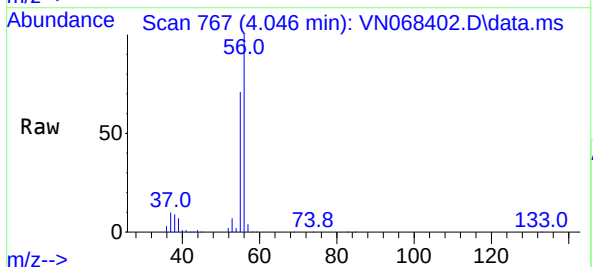
Instrument :  
MSVOA\_N  
ClientSampled :

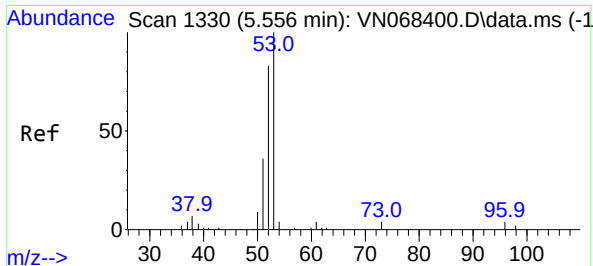
Tgt Ion:142 Resp: 1108093  
Ion Ratio Lower Upper  
142 100  
127 42.1 27.2 81.5  
141 13.9 6.9 20.7



#13  
Acrolein  
Concen: 298.285 ug/l  
RT: 4.046 min Scan# 767  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 56 Resp: 283997  
Ion Ratio Lower Upper  
56 100  
55 70.7 57.5 86.3



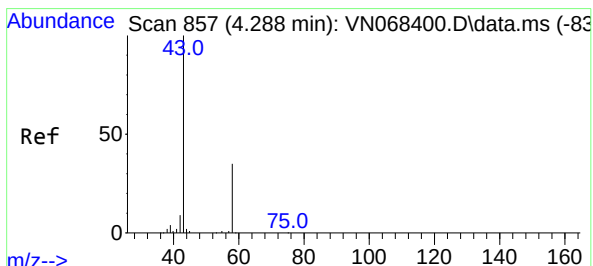
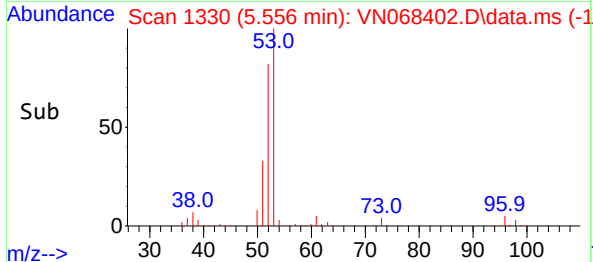
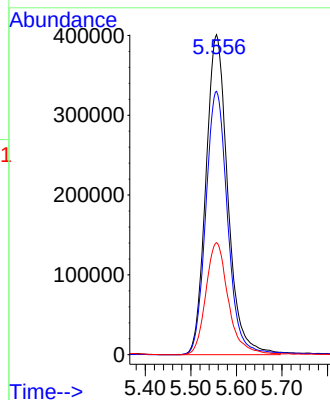
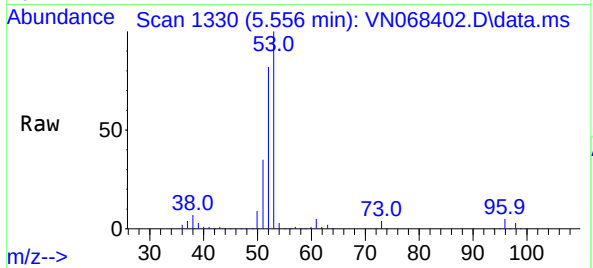


#14  
Acrylonitrile  
Concen: 371.533 ug/l  
RT: 5.556 min Scan# 1330  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion: 53 Resp: 1339817  

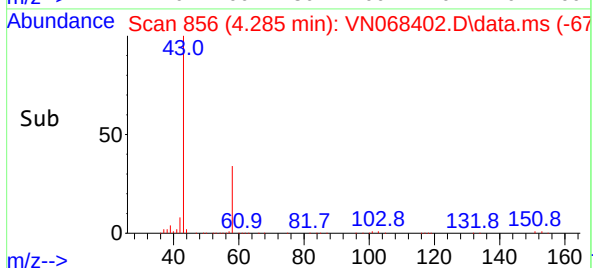
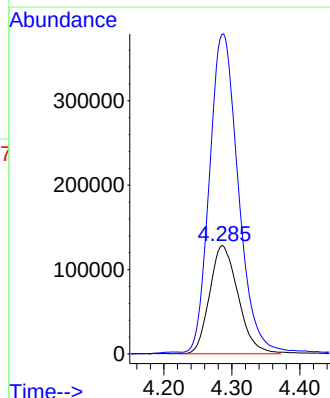
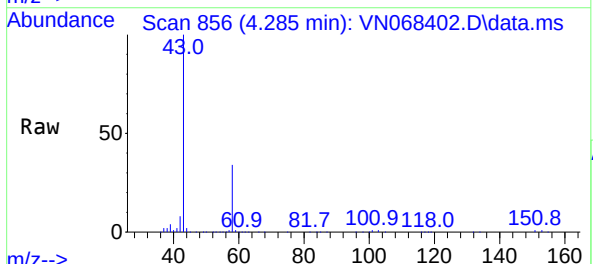
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 81.3  | 41.8  | 125.4 |
| 51  | 36.1  | 18.1  | 54.3  |

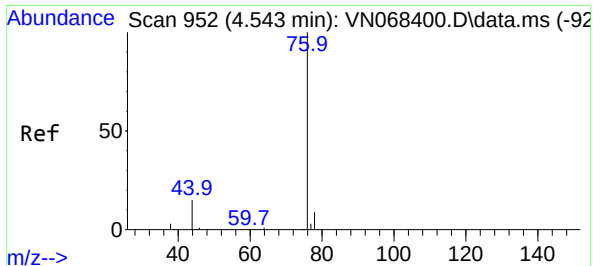


#15  
Acetone  
Concen: 367.036 ug/l  
RT: 4.285 min Scan# 856  
Delta R.T. -0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 58 Resp: 373119  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 58  | 100   |       |       |
| 43  | 293.8 | 289.6 | 434.4 |

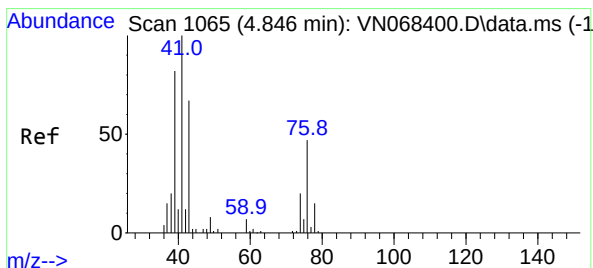
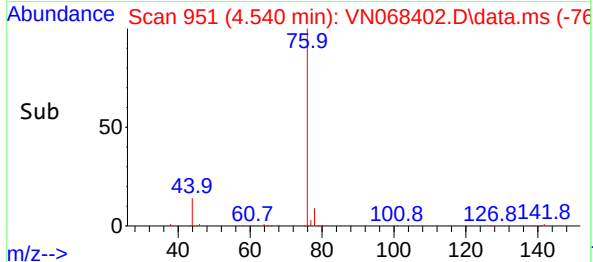
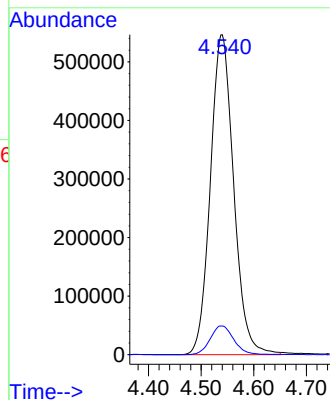
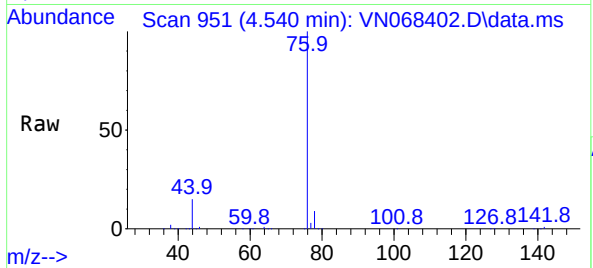




#16  
Carbon Disulfide  
Concen: 95.493 ug/l  
RT: 4.540 min Scan# 951  
Delta R.T. -0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

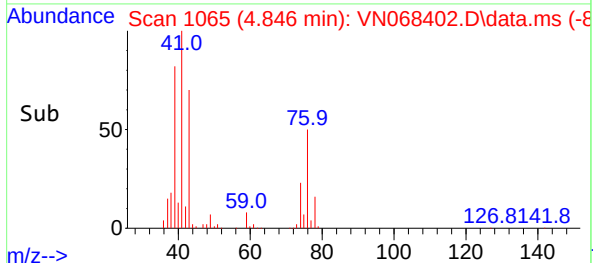
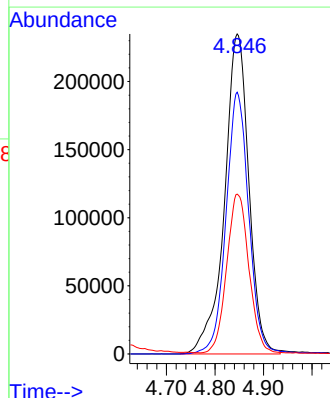
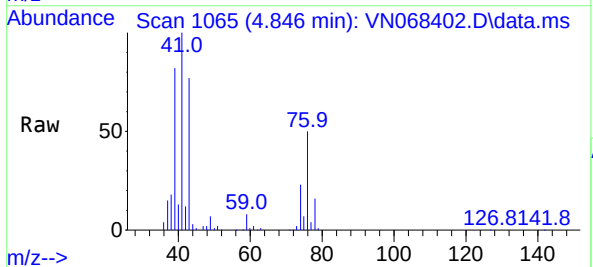
Instrument :  
MSVOA\_N  
ClientSampled :

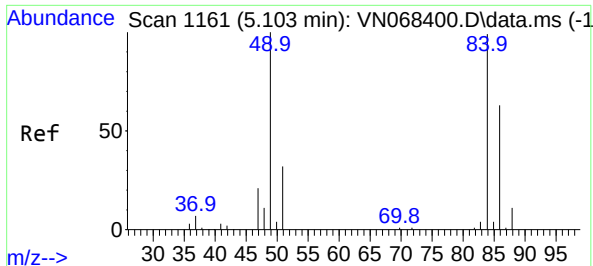
Tgt Ion: 76 Resp: 1682333  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.0 10.4



#17  
Allyl chloride  
Concen: 76.845 ug/l  
RT: 4.846 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 41 Resp: 820442  
Ion Ratio Lower Upper  
41 100  
39 81.8 39.8 119.4  
76 49.4 16.8 50.4

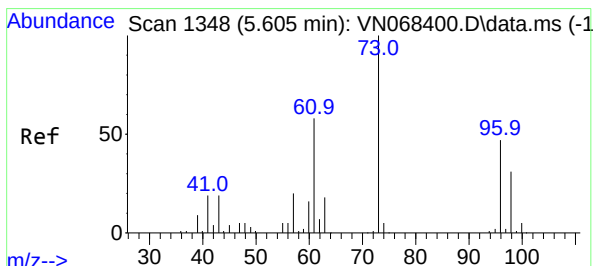
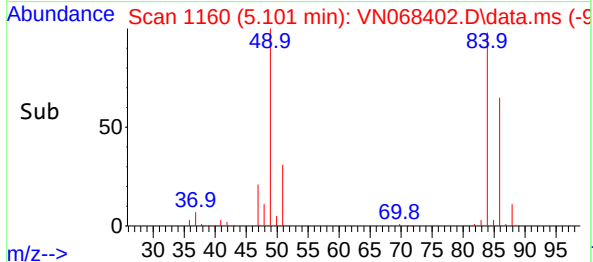
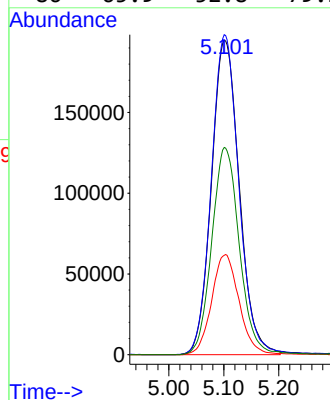
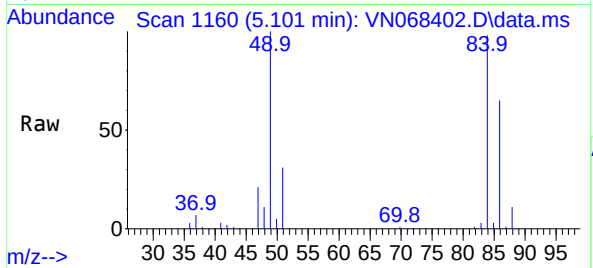




#18  
Methylene Chloride  
Concen: 82.155 ug/l  
RT: 5.101 min Scan# 1160  
Delta R.T. -0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

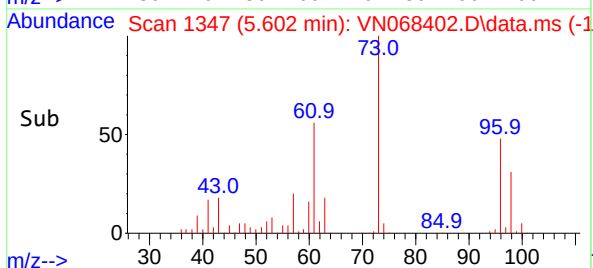
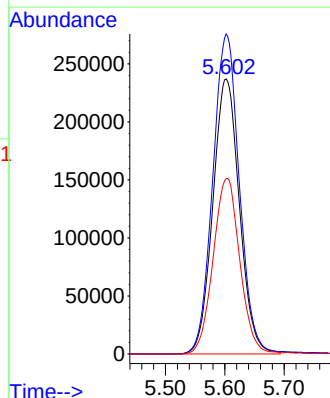
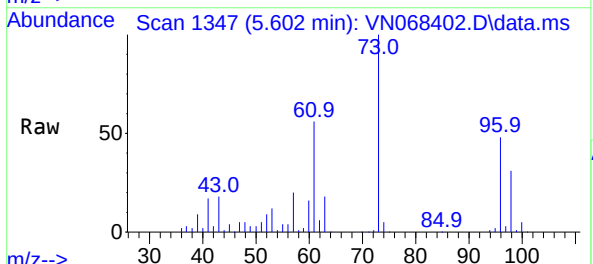
Instrument :  
MSVOA\_N  
ClientSampled :

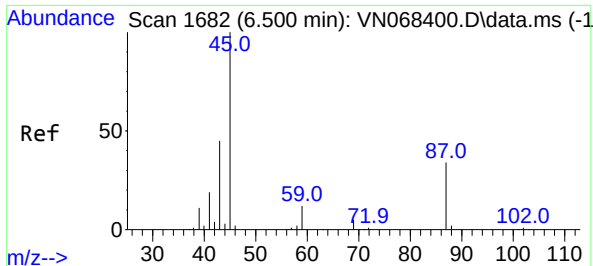
Tgt Ion: 84 Resp: 684275  
Ion Ratio Lower Upper  
84 100  
49 101.7 110.9 166.3#  
51 31.6 31.2 46.8  
86 65.9 52.8 79.2



#19  
trans-1,2-Dichloroethene  
Concen: 96.158 ug/l  
RT: 5.602 min Scan# 1347  
Delta R.T. -0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 96 Resp: 738812  
Ion Ratio Lower Upper  
96 100  
61 116.3 129.3 193.9#  
98 63.8 48.0 72.0





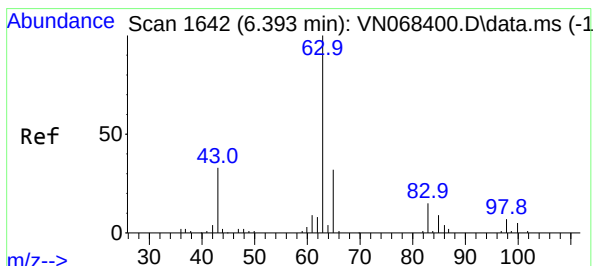
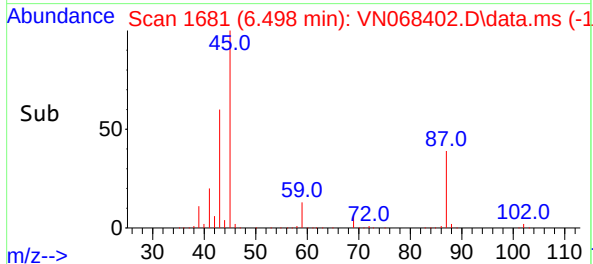
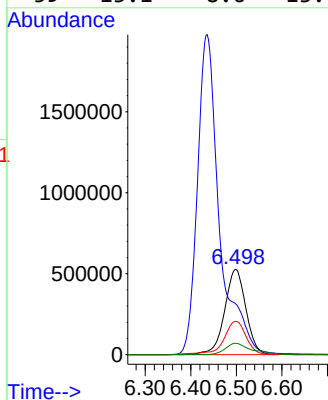
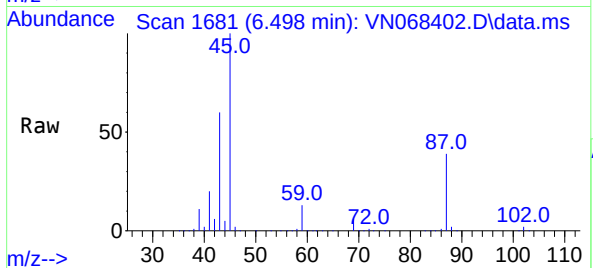
#20

Diisopropyl ether  
Concen: 68.665 ug/l  
RT: 6.498 min Scan# 1681  
Delta R.T. -0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 45 Resp: 1707836

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 59.0  | 48.1  | 72.1  |
| 87  | 38.8  | 19.8  | 29.6# |
| 59  | 13.1  | 8.6   | 13.0# |

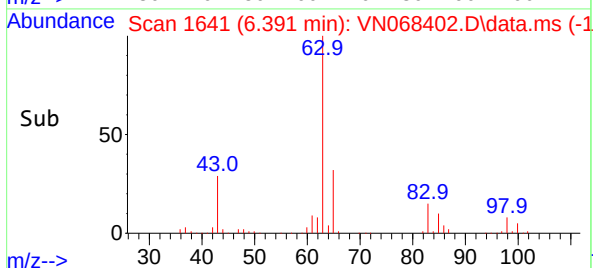
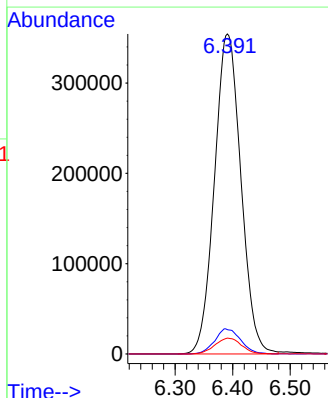
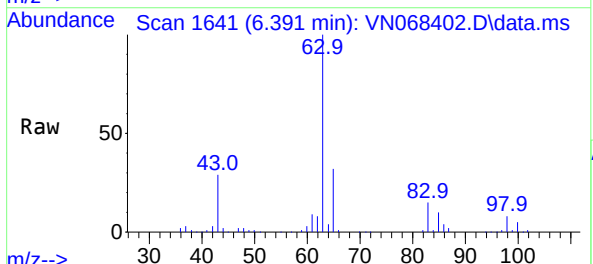


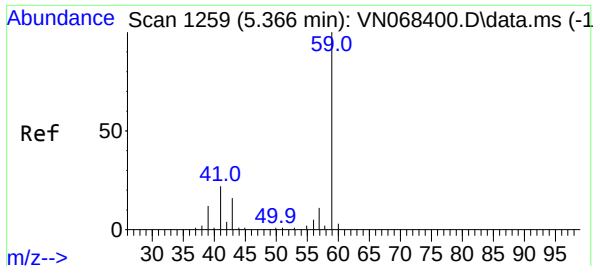
#21

1,1-Dichloroethane  
Concen: 80.526 ug/l  
RT: 6.391 min Scan# 1641  
Delta R.T. -0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 63 Resp: 1133277

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 7.6   | 2.7   | 8.1   |
| 100 | 4.9   | 1.8   | 5.3   |

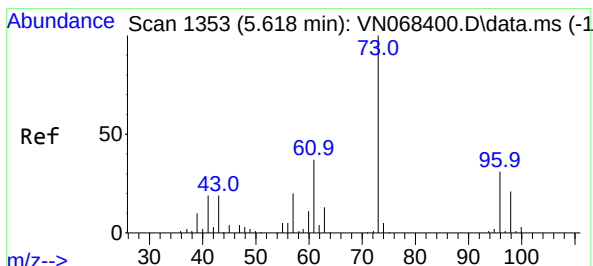
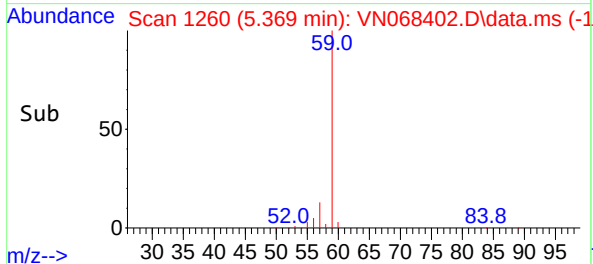
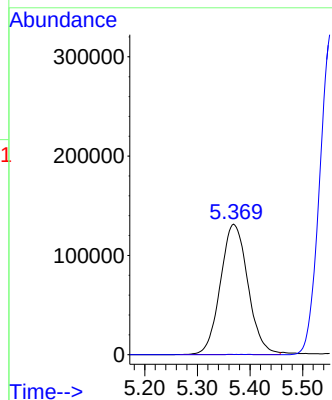
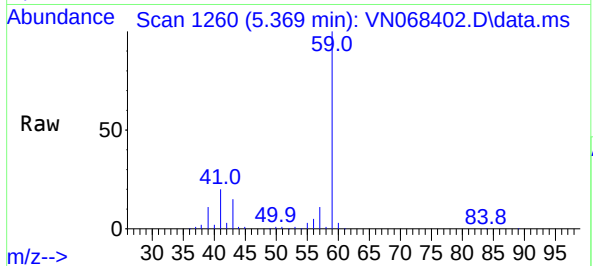




#23  
tert-Butyl Alcohol  
Concen: 339.610 ug/l  
RT: 5.369 min Scan# 1260  
Delta R.T. 0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

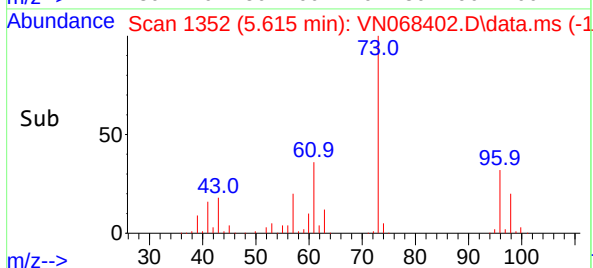
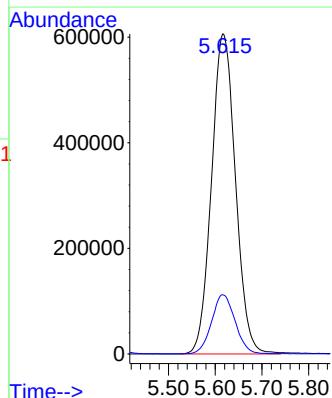
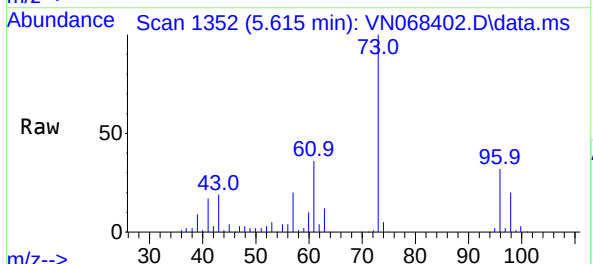
Instrument :  
MSVOA\_N  
ClientSampled :

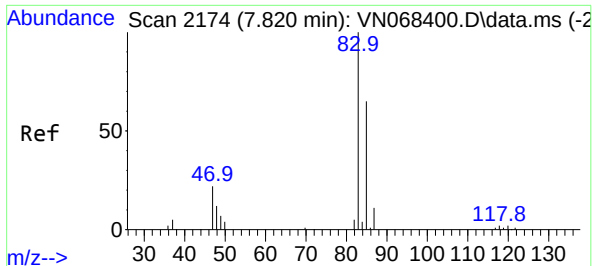
Tgt Ion: 59 Resp: 476702  
Ion Ratio Lower Upper  
59 100  
52 0.1 0.1 0.1#



#24  
Methyl tert-Butyl Ether  
Concen: 84.509 ug/l  
RT: 5.615 min Scan# 1352  
Delta R.T. -0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 73 Resp: 2157576  
Ion Ratio Lower Upper  
73 100  
43 18.0 20.0 30.0#



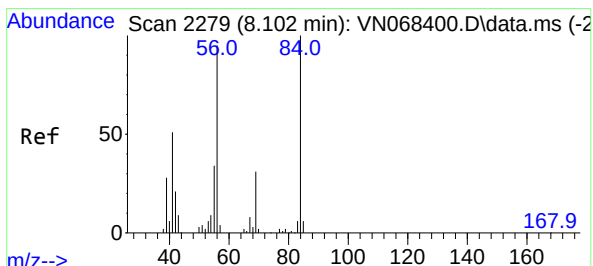
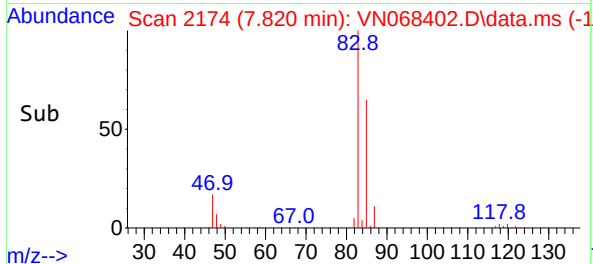
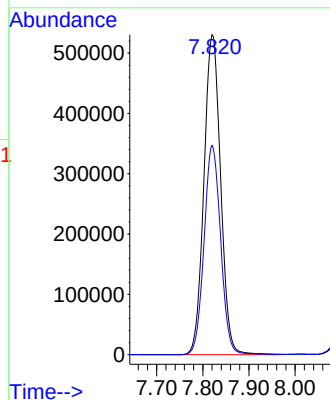
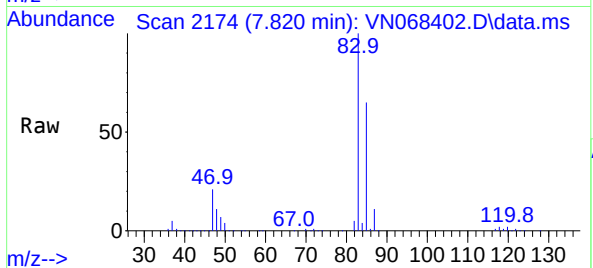


#25

Chloroform  
Concen: 85.065 ug/l  
RT: 7.820 min Scan# 2174  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Instrument :  
MSVOA\_N  
ClientSampled :

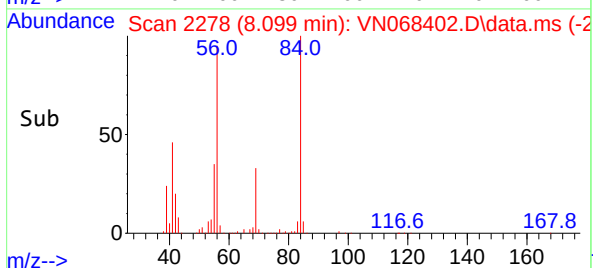
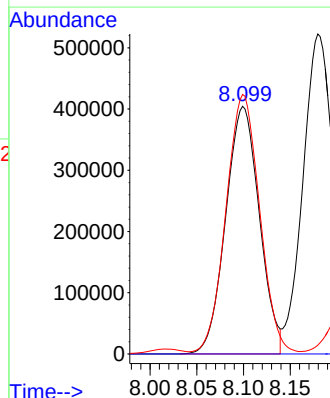
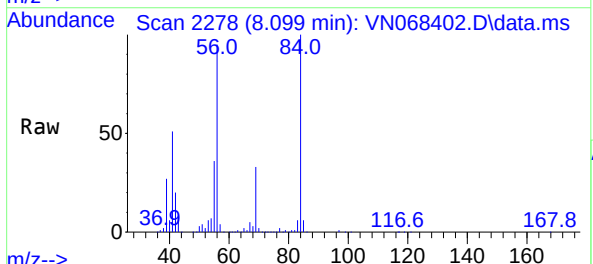
Tgt Ion: 83 Resp: 1336700  
Ion Ratio Lower Upper  
83 100  
85 65.4 51.5 77.3

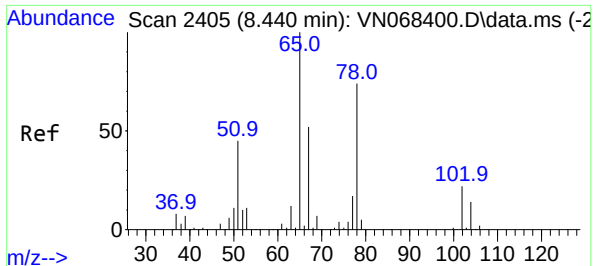


#26

Cyclohexane  
Concen: 81.996 ug/l  
RT: 8.099 min Scan# 2278  
Delta R.T. -0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 56 Resp: 1014969  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 105.2 66.2 99.2#

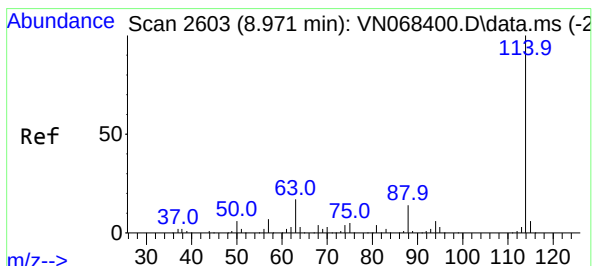
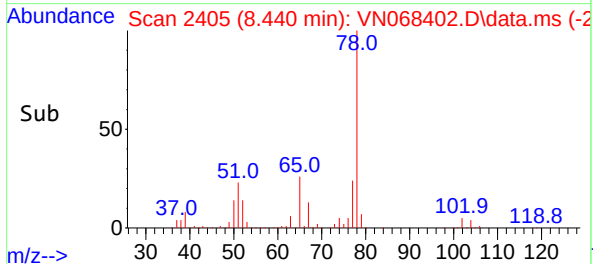
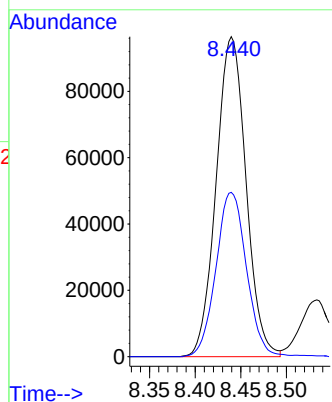
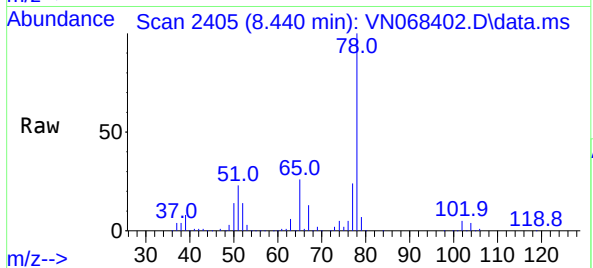




#27  
1,2-Dichloroethane-d4  
Concen: 22.700 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

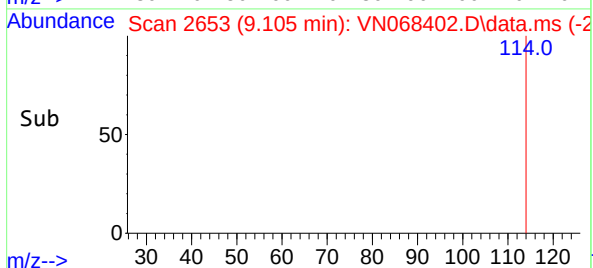
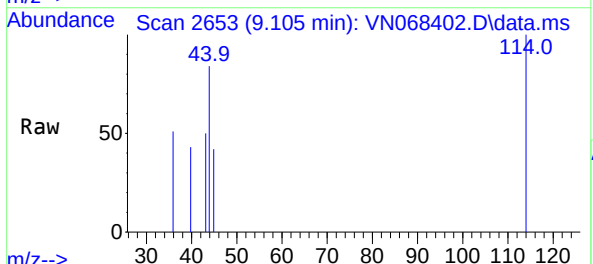
Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion: 65 Resp: 220050  
Ion Ratio Lower Upper  
65 100  
67 52.4 39.8 59.8

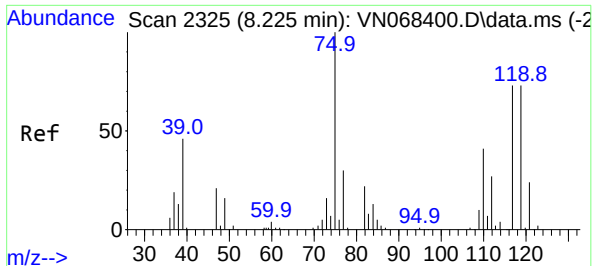


#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 9.105 min Scan# 2653  
Delta R.T. 0.134 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 114 Resp: 306  
Ion Ratio Lower Upper  
114 100  
63 29.4 20.3 30.5  
88 18.0 14.6 22.0





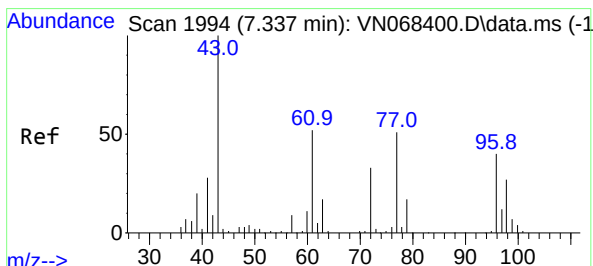
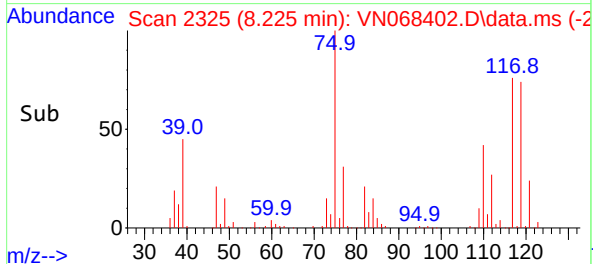
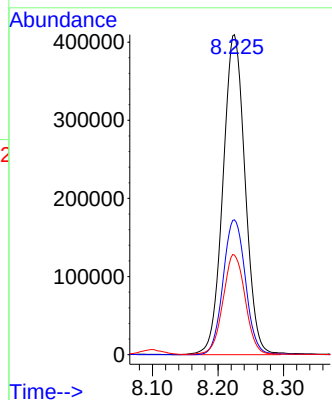
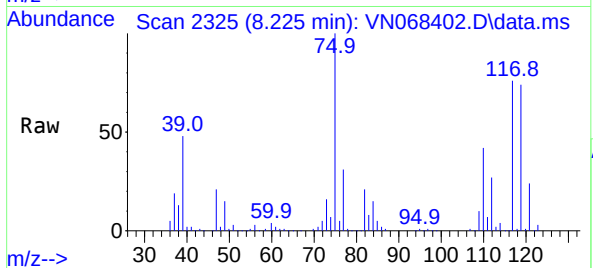


#29

1,1-Dichloropropene  
Concen: 199921.888 ug/l  
RT: 8.225 min Scan# 2325  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Instrument :  
MSVOA\_N  
ClientSampled :

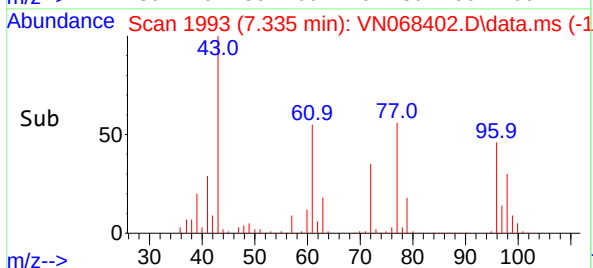
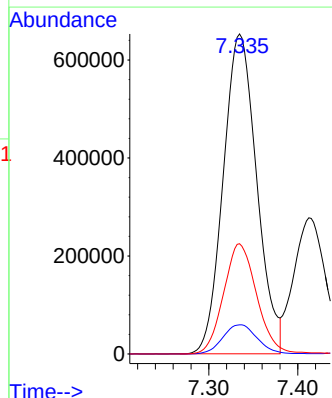
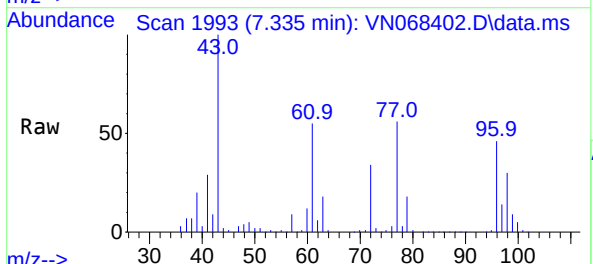
Tgt Ion: 75 Resp: 961291  
Ion Ratio Lower Upper  
75 100  
110 42.6 0.0 63.4  
77 31.5 0.0 63.0

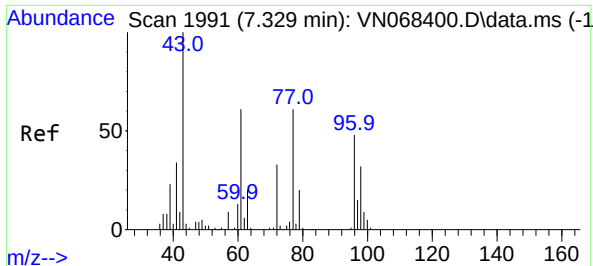


#30

2-Butanone  
Concen: 788908.596 ug/l  
RT: 7.335 min Scan# 1993  
Delta R.T. -0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 43 Resp: 1708499  
Ion Ratio Lower Upper  
43 100  
57 9.4 6.9 10.3  
72 34.0 20.0 30.0#

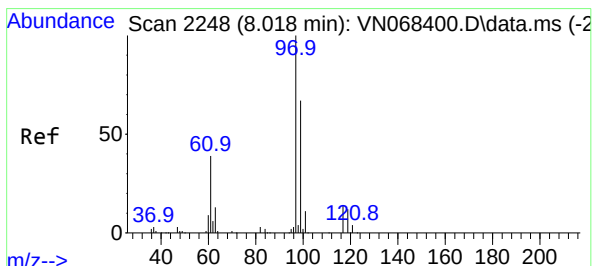
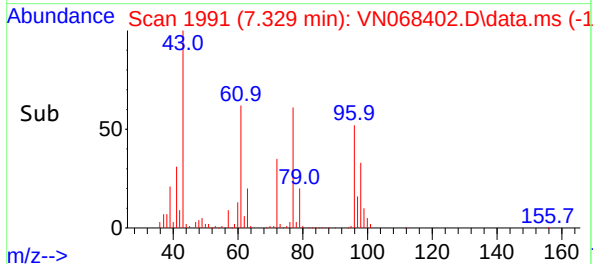
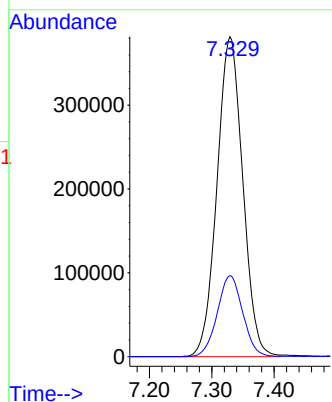
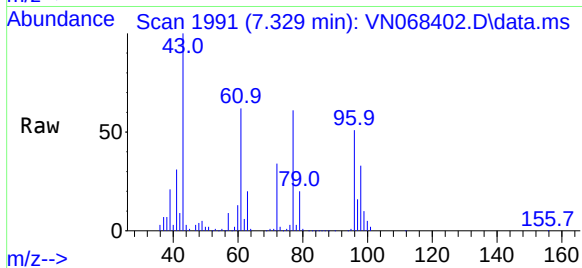




#31  
2,2-Dichloropropane  
Concen: 197745.098 ug/l  
RT: 7.329 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

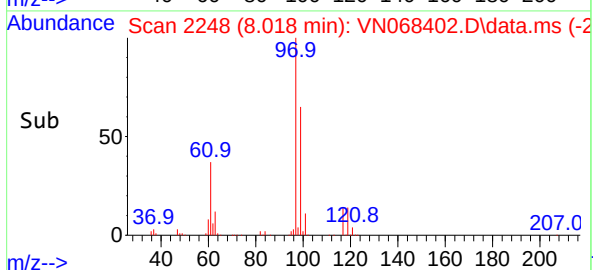
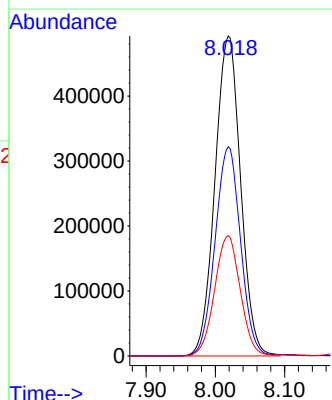
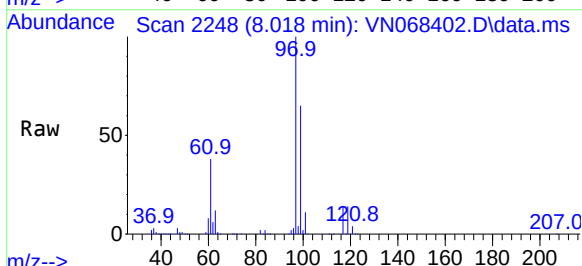
Instrument :  
MSVOA\_N  
ClientSampled :

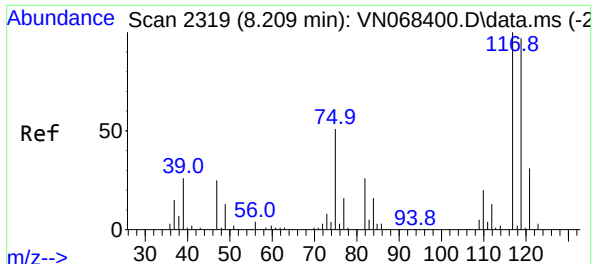
Tgt Ion: 77 Resp: 1096037  
Ion Ratio Lower Upper  
77 100  
97 25.1 16.3 24.5#



#32  
1,1,1-Trichloroethane  
Concen: 211272.611 ug/l  
RT: 8.018 min Scan# 2248  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 97 Resp: 1269693  
Ion Ratio Lower Upper  
97 100  
99 64.9 49.7 74.5  
61 37.5 38.0 57.0#

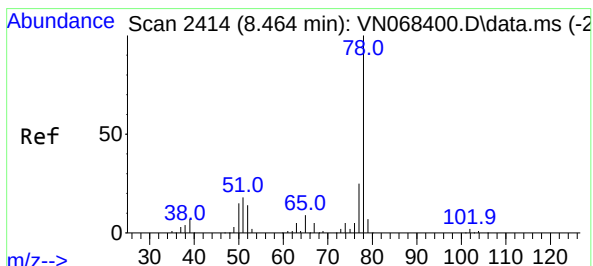
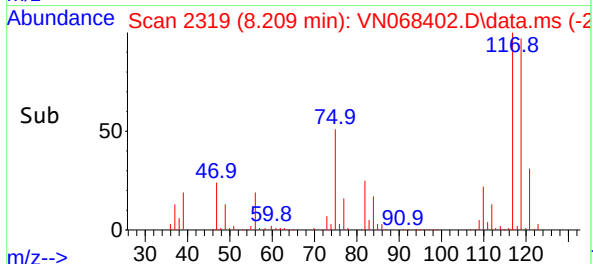
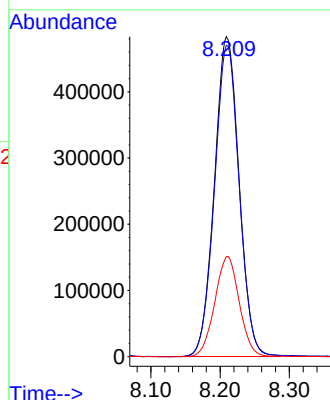
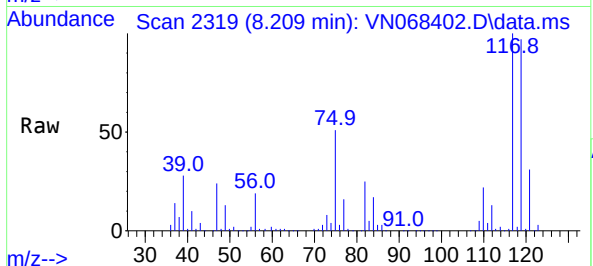




#33  
Carbon Tetrachloride  
Concen: 230321.592 ug/l  
RT: 8.209 min Scan# 2319  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

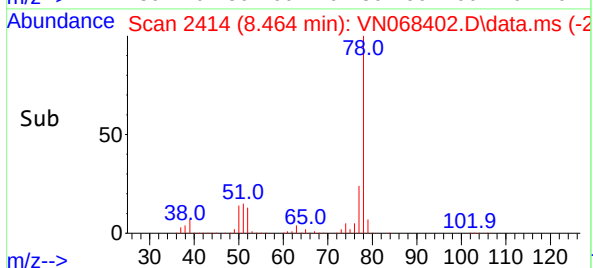
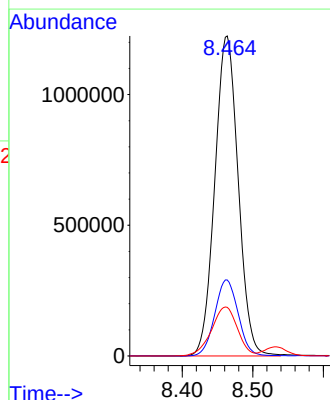
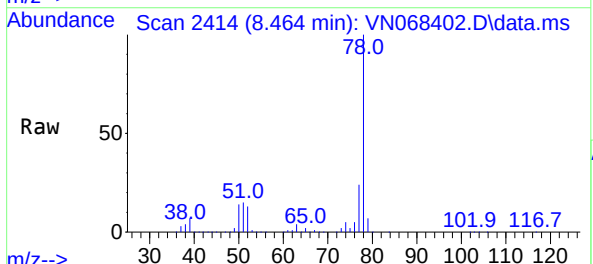
Instrument :  
MSVOA\_N  
ClientSampled :

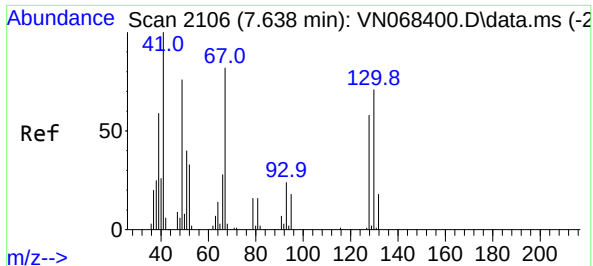
Tgt Ion:117 Resp: 1198551  
Ion Ratio Lower Upper  
117 100  
119 97.3 73.3 109.9  
121 31.2 24.2 36.4



#34  
Benzene  
Concen: 195920.177 ug/l  
RT: 8.464 min Scan# 2414  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 78 Resp: 2822689  
Ion Ratio Lower Upper  
78 100  
77 23.7 18.6 28.0  
51 15.1 20.0 30.0#



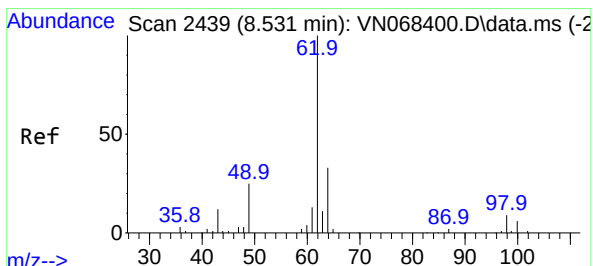
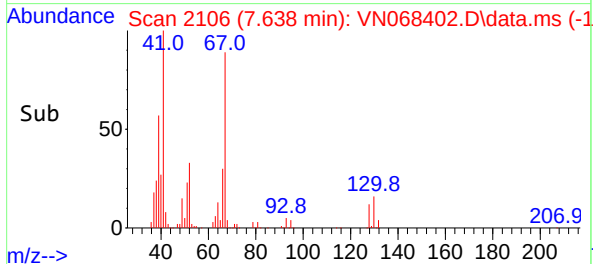
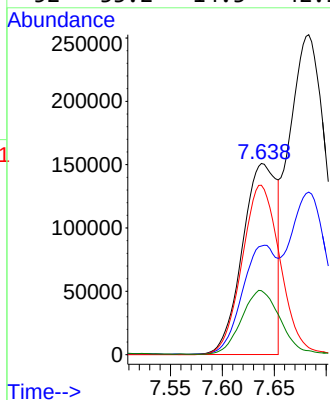
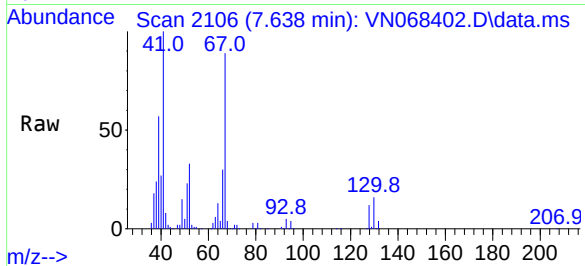


#35  
Methacrylonitrile  
Concen: 155278.963 ug/l  
RT: 7.638 min Scan# 2106  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion: 41 Resp: 343187

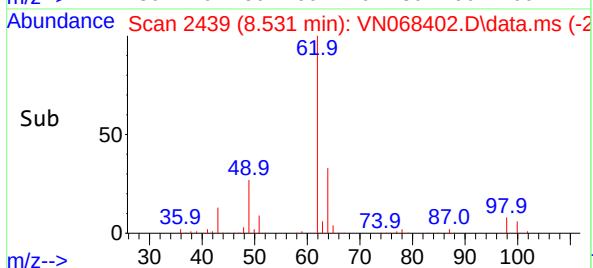
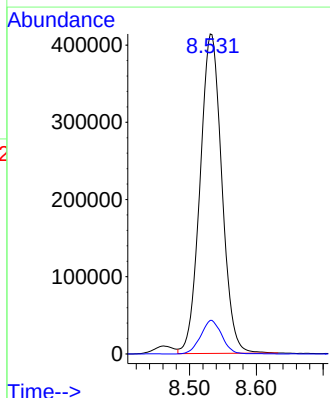
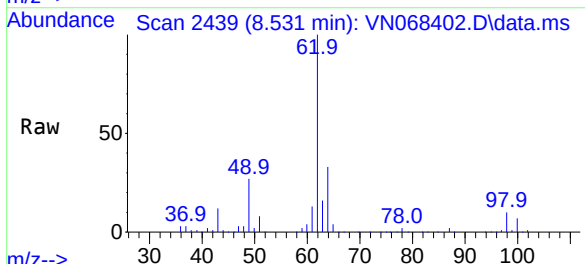
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 56.6  | 30.3  | 90.9  |
| 67  | 88.7  | 32.1  | 96.3  |
| 52  | 33.2  | 14.3  | 42.9  |

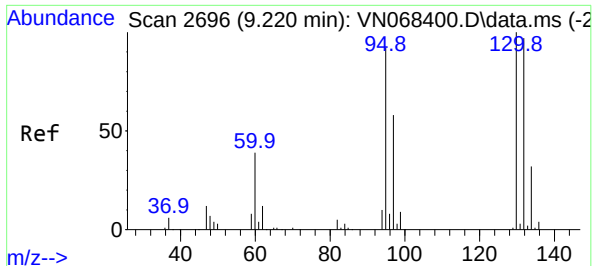


#36  
1,2-Dichloroethane  
Concen: 181474.008 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 62 Resp: 937210

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.2  | 6.0   | 9.0#  |

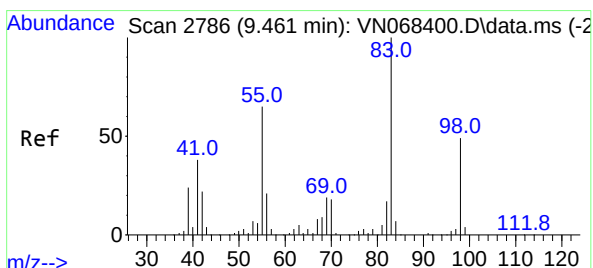
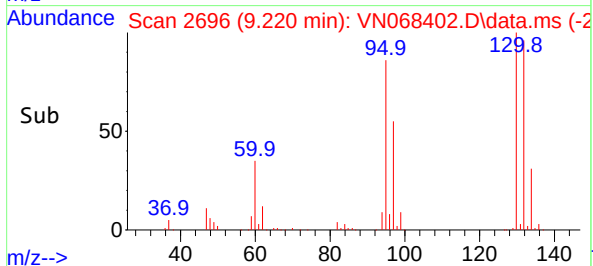
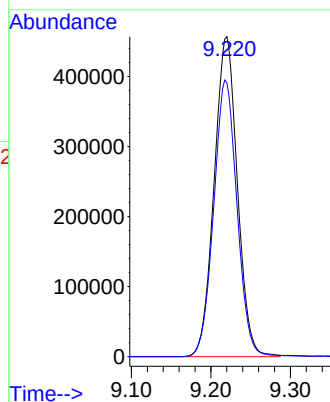
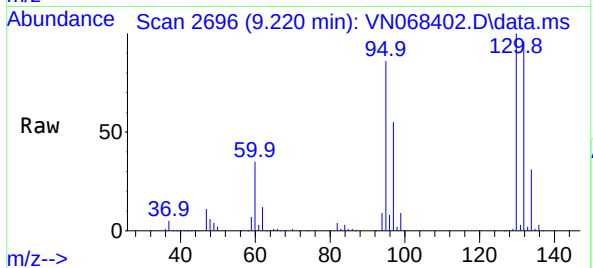




#37  
Trichloroethene  
Concen: 236537.439 ug/l  
RT: 9.220 min Scan# 2696  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

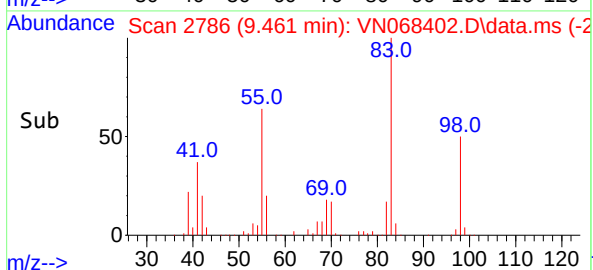
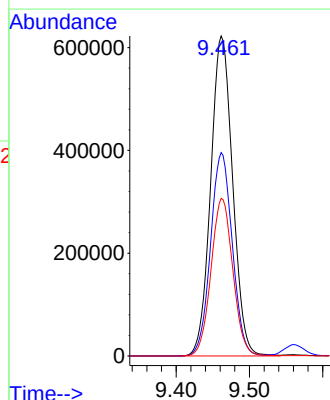
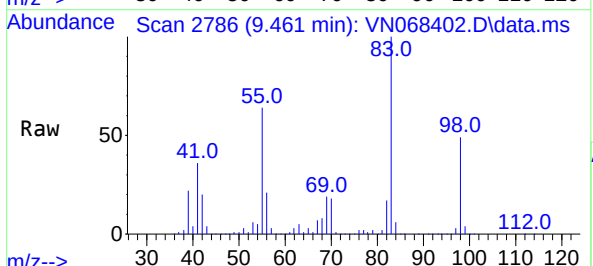
Instrument :  
MSVOA\_N  
ClientSampled :

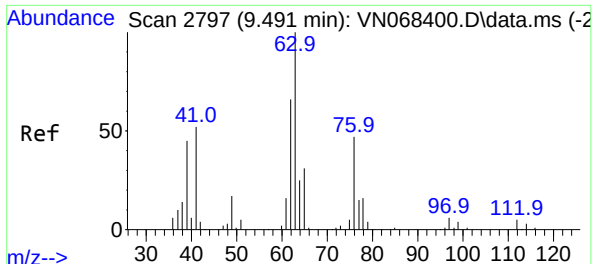
Tgt Ion:130 Resp: 928182  
Ion Ratio Lower Upper  
130 100  
95 85.6 92.2 138.2#



#38  
Methylcyclohexane  
Concen: 233045.269 ug/l  
RT: 9.461 min Scan# 2786  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 83 Resp: 1296823  
Ion Ratio Lower Upper  
83 100  
55 62.9 41.5 124.6  
98 48.9 22.4 67.0

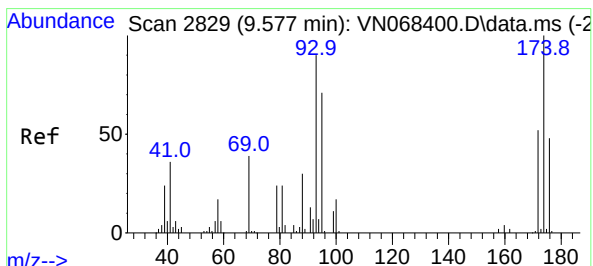
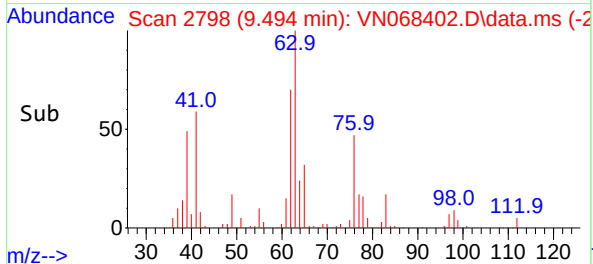
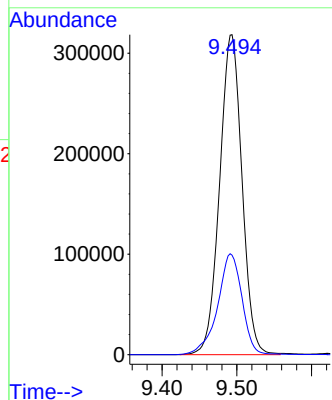
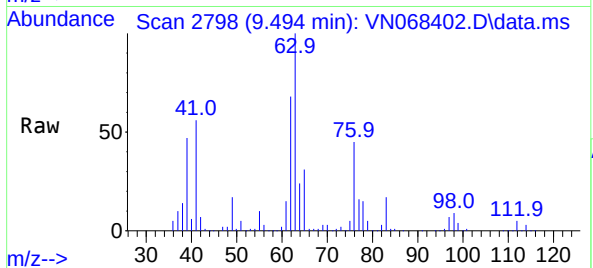




#39  
1,2-Dichloropropane  
Concen: 184890.110 ug/l  
RT: 9.494 min Scan# 2798  
Delta R.T. 0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

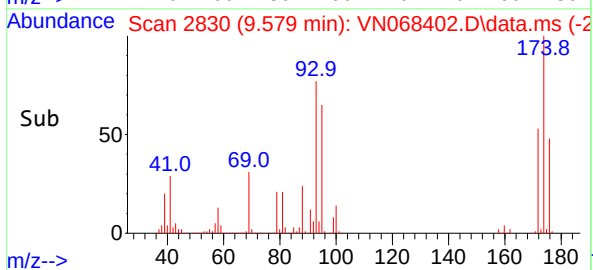
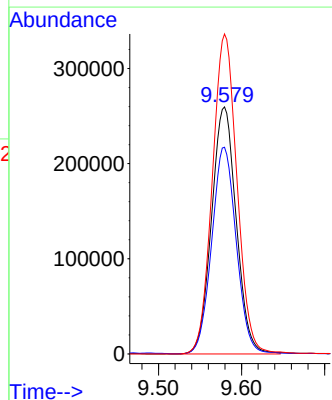
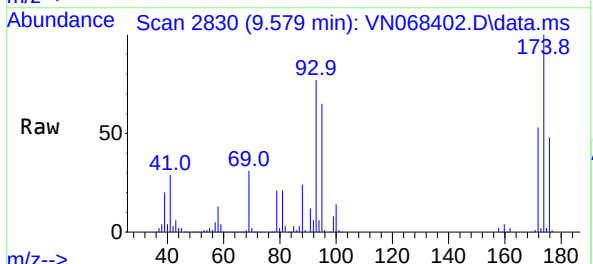
Instrument :  
MSVOA\_N  
ClientSampled :

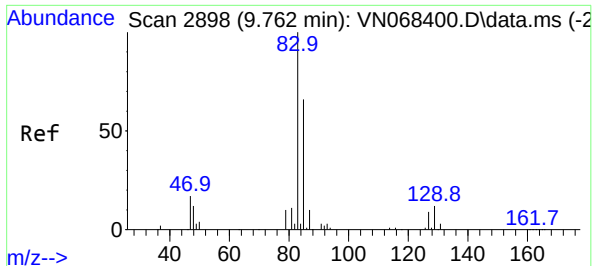
Tgt Ion: 63 Resp: 662609  
Ion Ratio Lower Upper  
63 100  
65 31.0 24.5 36.7



#40  
Dibromomethane  
Concen: 200704.958 ug/l  
RT: 9.579 min Scan# 2830  
Delta R.T. 0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 93 Resp: 537086  
Ion Ratio Lower Upper  
93 100  
95 83.0 0.0 167.6  
174 128.8 0.0 148.4



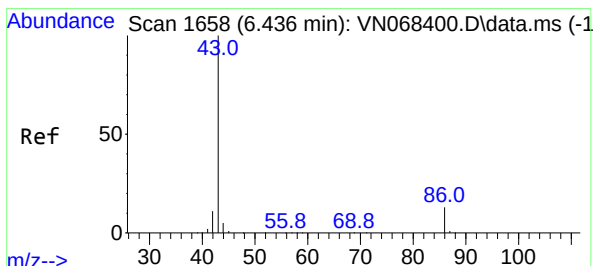
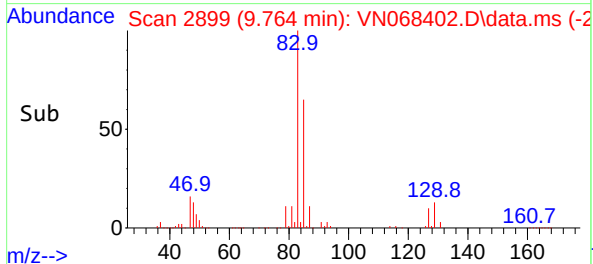
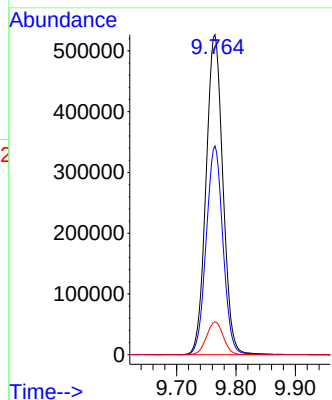
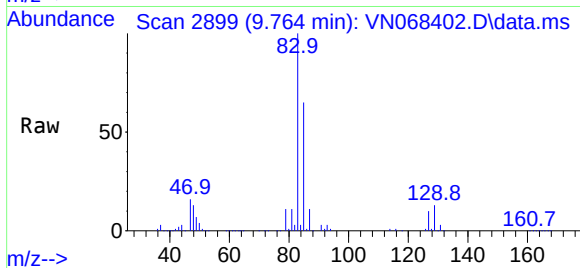


#41  
Bromodichloromethane  
Concen: 199941.606 ug/l  
RT: 9.764 min Scan# 2899  
Delta R.T. 0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion: 83 Resp: 1036328  

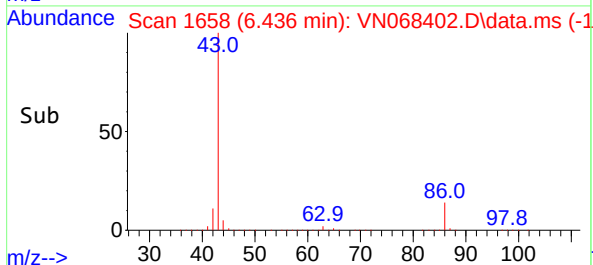
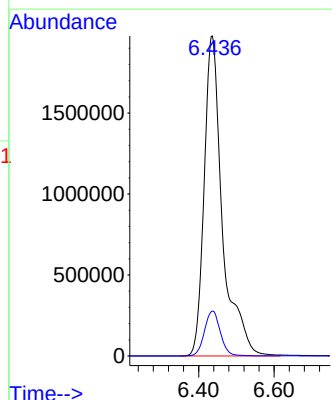
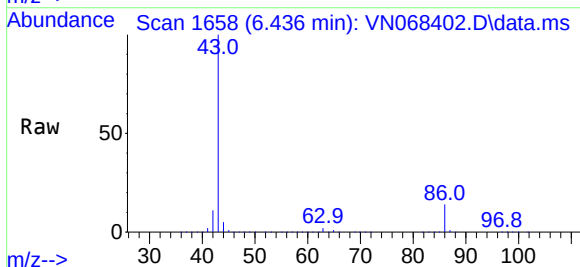
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.3  | 51.2  | 76.8  |
| 127 | 10.2  | 6.6   | 9.8#  |

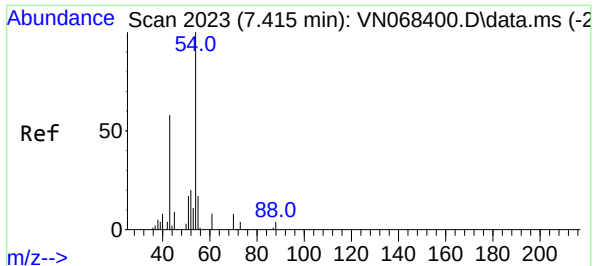


#42  
Vinyl Acetate  
Concen: 765413.116 ug/l  
RT: 6.436 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 43 Resp: 6652495  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 12.2  | 6.4   | 9.6#  |





#43

Ethyl Acetate

Concen: 158485.824 ug/l

RT: 7.412 min Scan# 2022

Delta R.T. -0.003 min

Lab File: VN068402.D

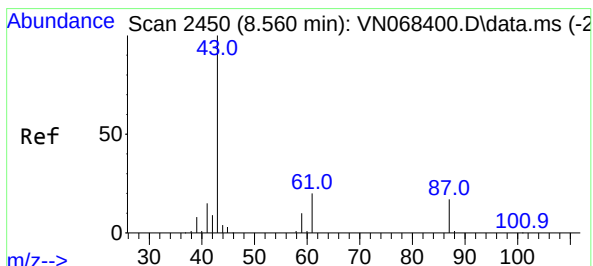
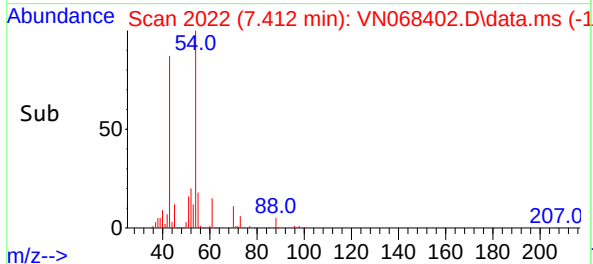
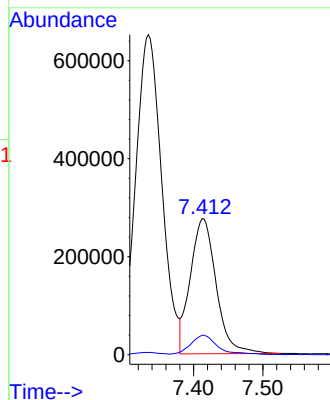
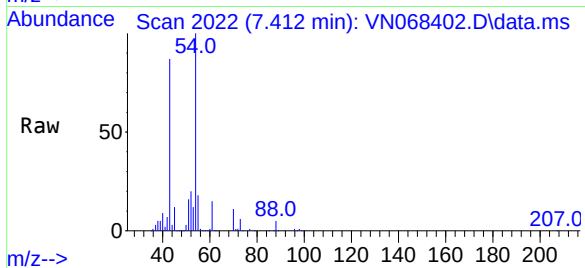
Acq: 3 Sep 2021 12:11

Tgt Ion: 43 Resp: 715366

Ion Ratio Lower Upper

43 100

45 14.9 1.0 1.6#



#44

Isopropyl Acetate

Concen: 159725.058 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN068402.D

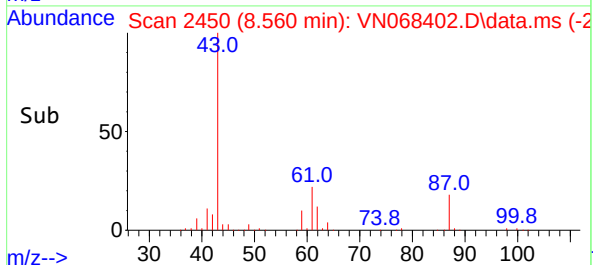
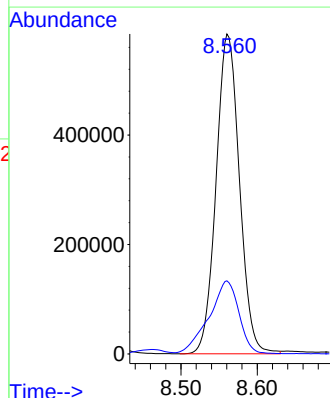
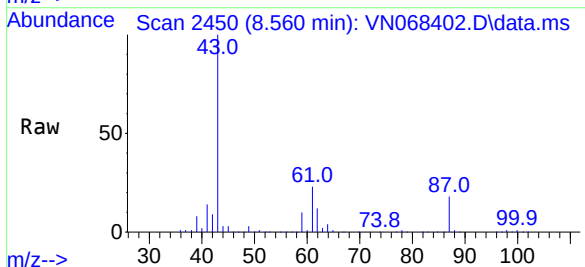
Acq: 3 Sep 2021 12:11

Tgt Ion: 43 Resp: 1242567

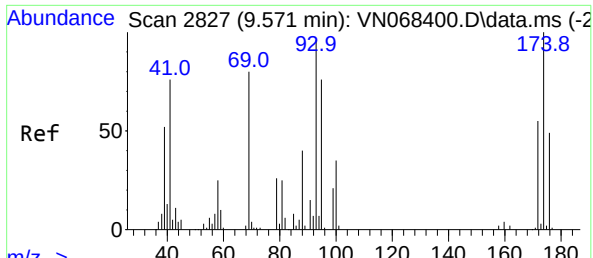
Ion Ratio Lower Upper

43 100

61 29.2 19.0 28.6#



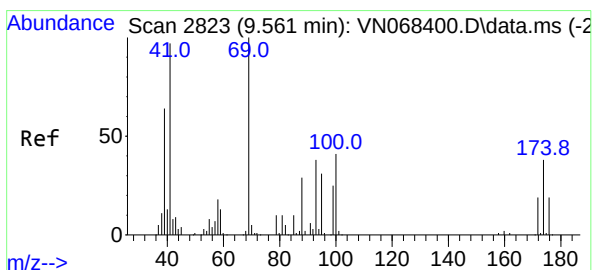
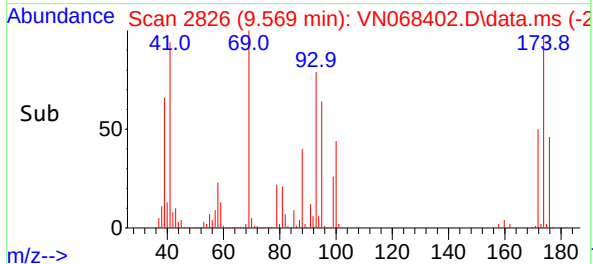
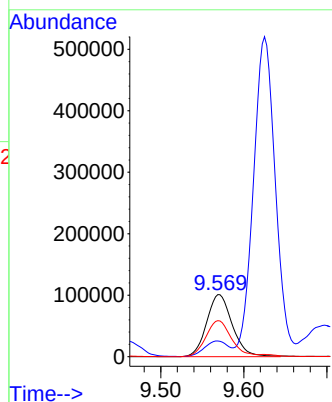
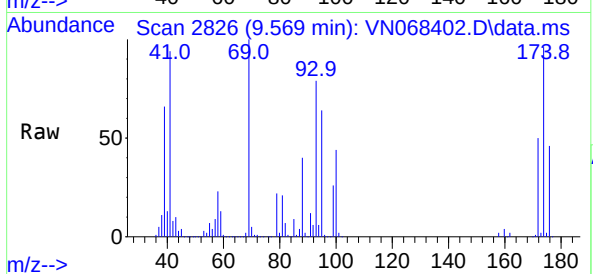




#45  
1,4-Dioxane  
Concen: 3527870.782 ug/l  
RT: 9.569 min Scan# 2826  
Delta R.T. -0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

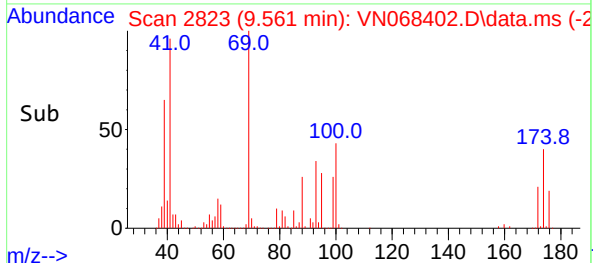
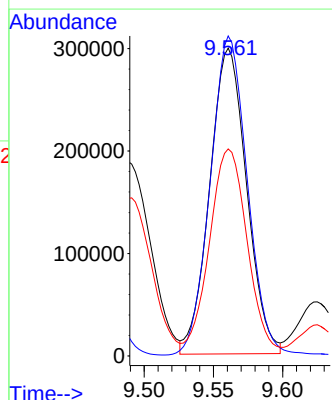
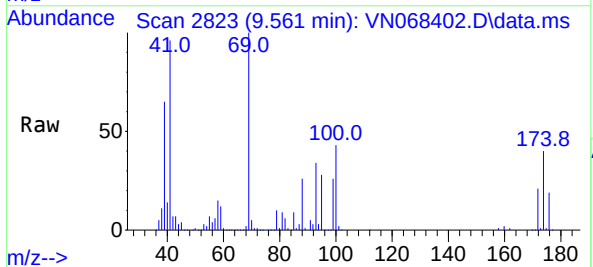
Instrument :  
MSVOA\_N  
ClientSampleId :

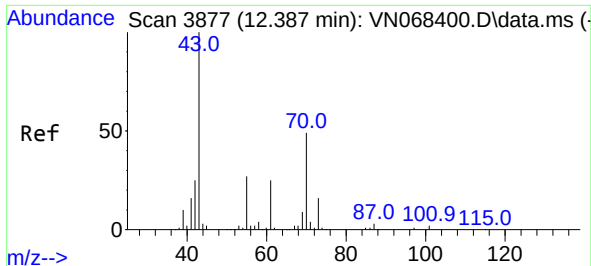
Tgt Ion: 88 Resp: 216572  
Ion Ratio Lower Upper  
88 100  
43 23.6 18.0 27.0  
58 57.8 57.7 86.5



#46  
Methyl methacrylate  
Concen: 162571.581 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 41 Resp: 554321  
Ion Ratio Lower Upper  
41 100  
69 106.7 38.0 114.1  
39 67.3 33.9 101.7

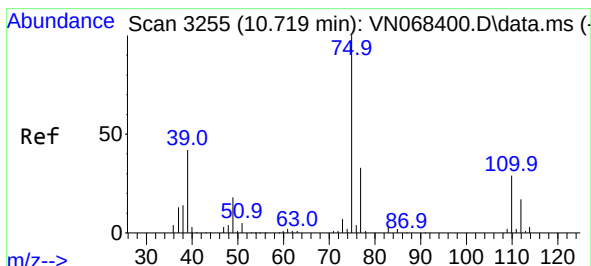
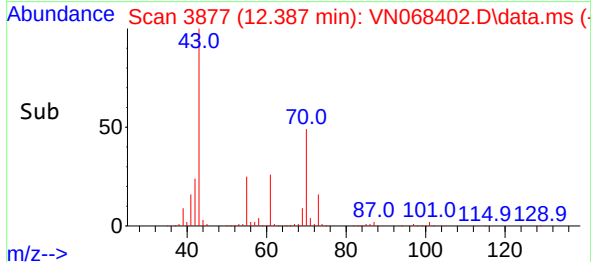
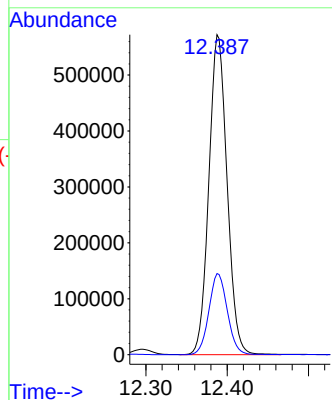
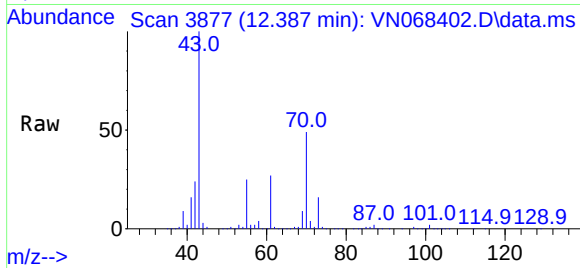




#47  
n-amy1 Acetate  
Concen: 140314.611 ug/l  
RT: 12.387 min Scan# 3877  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

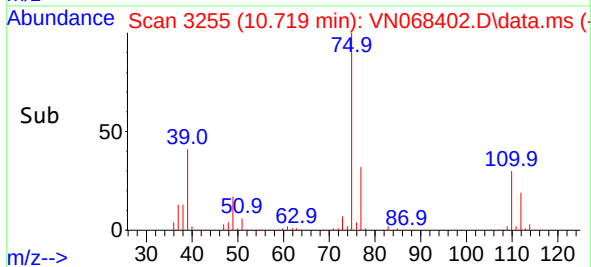
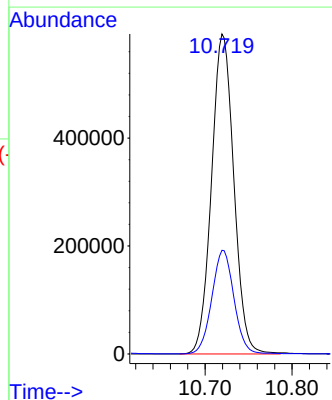
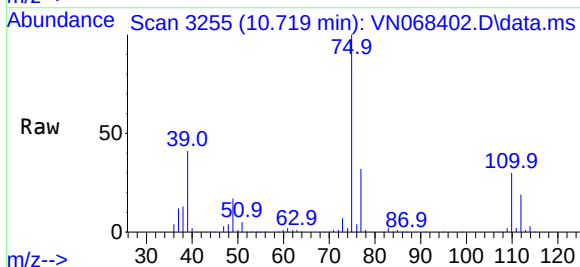
Instrument :  
MSVOA\_N  
ClientSampled :

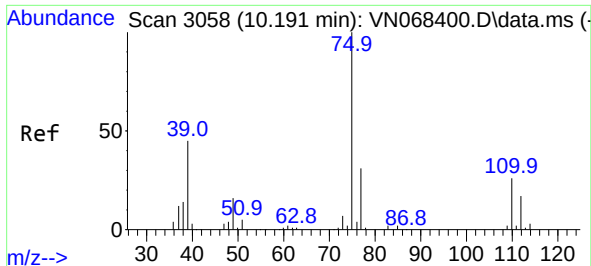
Tgt Ion: 43 Resp: 889076  
Ion Ratio Lower Upper  
43 100  
55 25.7 17.6 26.4



#48  
t-1,3-Dichloropropene  
Concen: 189345.972 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 75 Resp: 1057002  
Ion Ratio Lower Upper  
75 100  
77 32.3 24.6 37.0

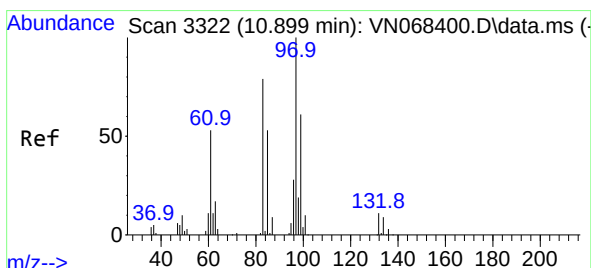
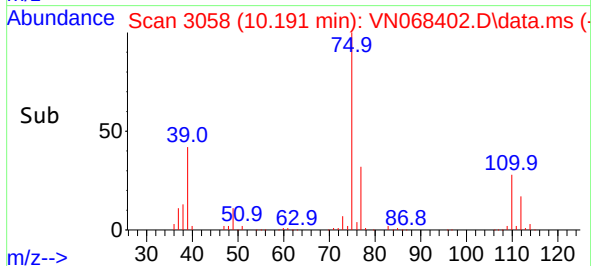
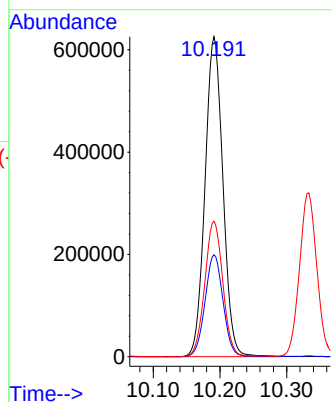
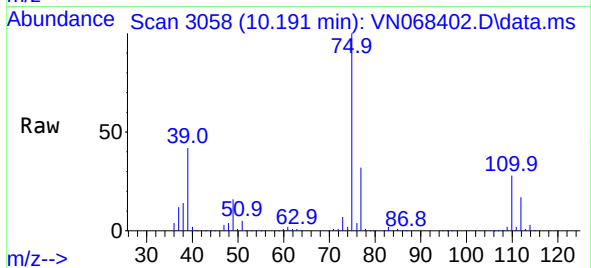




#49  
cis-1,3-Dichloropropene  
Concen: 198098.062 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

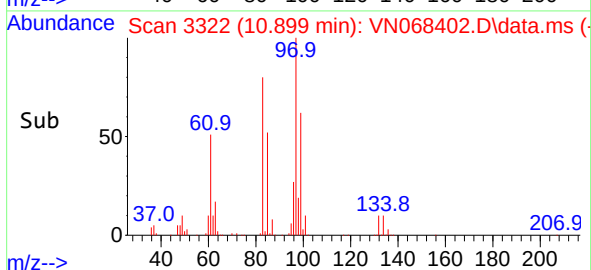
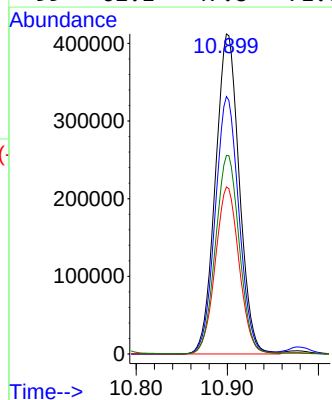
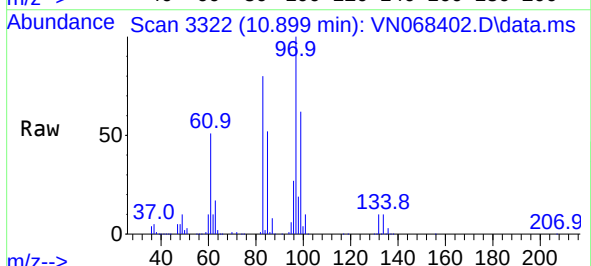
Instrument :  
MSVOA\_N  
ClientSampleId :

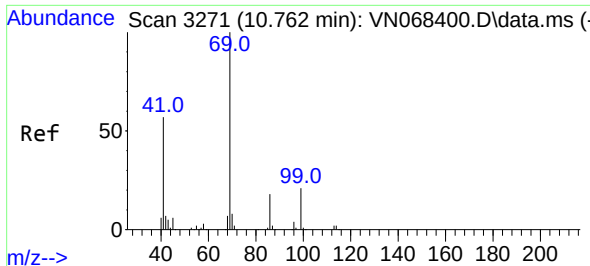
Tgt Ion: 75 Resp: 1165768  
Ion Ratio Lower Upper  
75 100  
77 31.9 26.0 39.0  
39 42.3 50.6 76.0#



#50  
1,1,2-Trichloroethane  
Concen: 198822.854 ug/l  
RT: 10.899 min Scan# 3322  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 97 Resp: 750897  
Ion Ratio Lower Upper  
97 100  
83 80.5 69.6 104.4  
85 52.2 45.2 67.8  
99 62.1 47.8 71.6



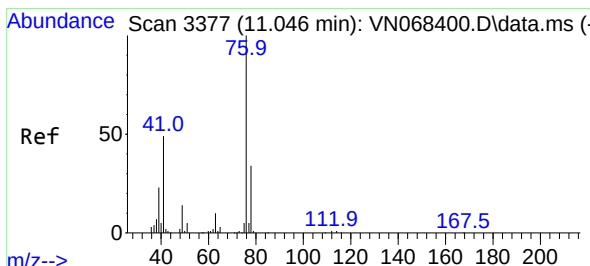
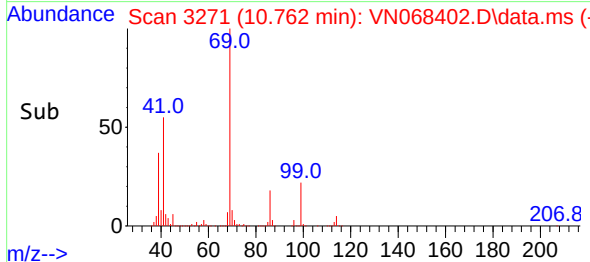
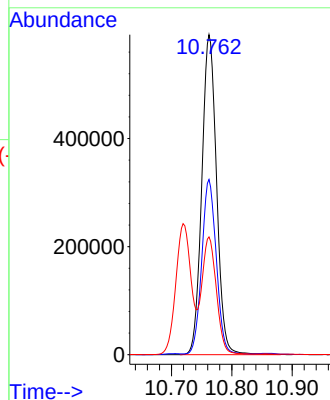
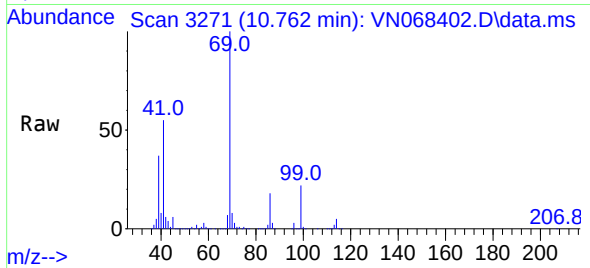


#51  
Ethyl methacrylate  
Concen: 176602.652 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion: 69 Resp: 1007272  

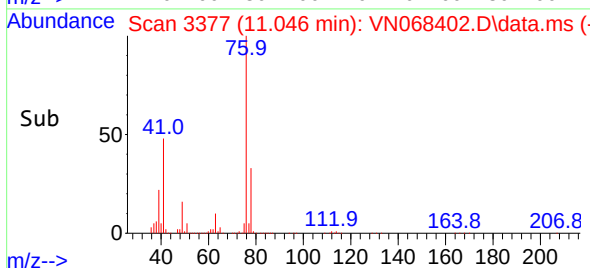
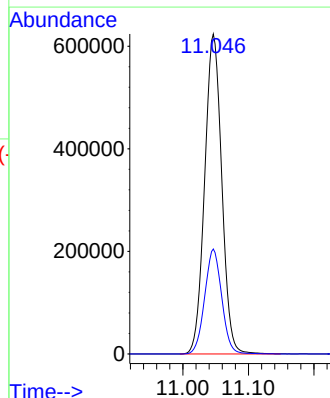
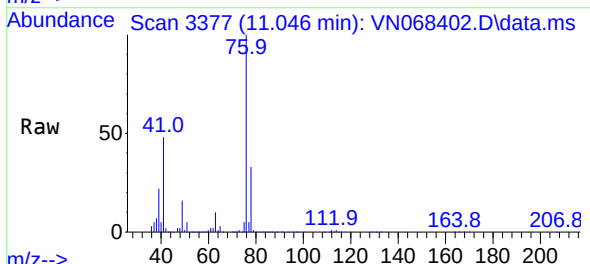
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 54.6  | 36.8  | 110.4 |
| 39  | 36.7  | 23.8  | 71.2  |

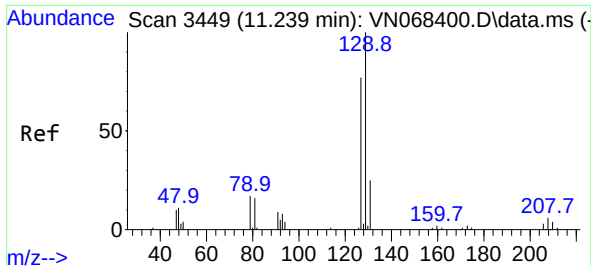


#52  
1,3-Dichloropropane  
Concen: 184185.810 ug/l  
RT: 11.046 min Scan# 3377  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 76 Resp: 1128649  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 76  | 100   |       |       |
| 78  | 32.7  | 0.0   | 64.0  |

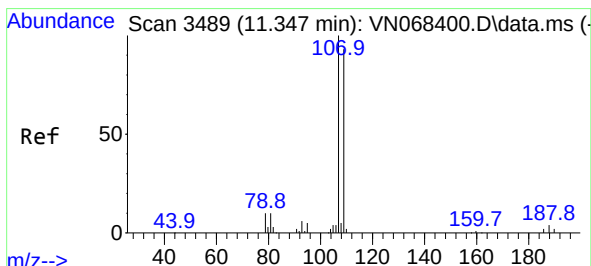
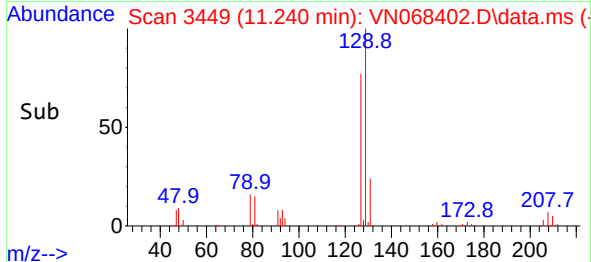
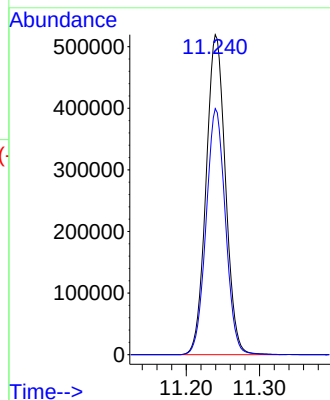
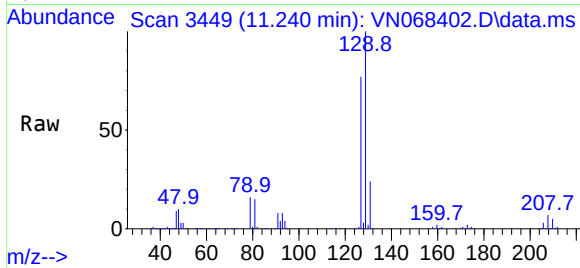




#53  
Dibromochloromethane  
Concen: 230181.858 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

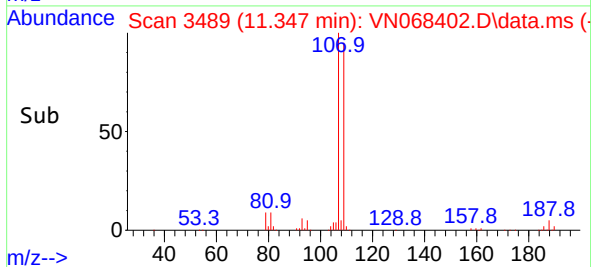
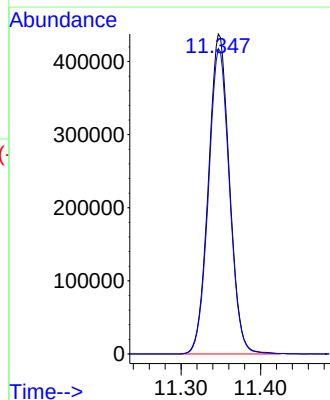
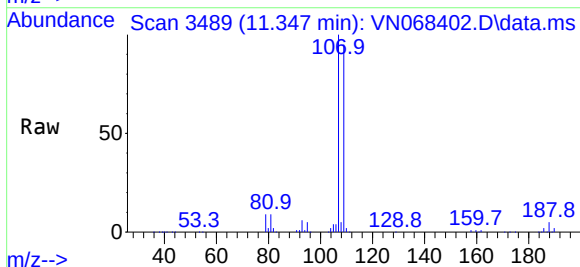
Instrument :  
MSVOA\_N  
ClientSampled :

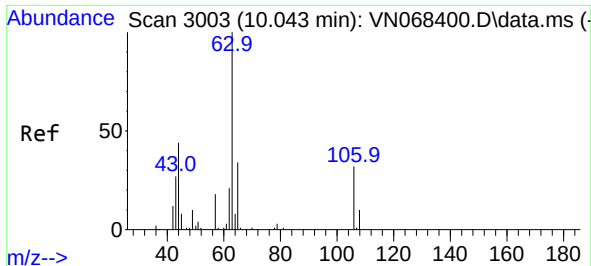
Tgt Ion:129 Resp: 954094  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.8 116.4



#54  
1,2-Dibromoethane  
Concen: 204989.994 ug/l  
RT: 11.347 min Scan# 3489  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion:107 Resp: 804136  
Ion Ratio Lower Upper  
107 100  
109 95.2 75.0 112.6

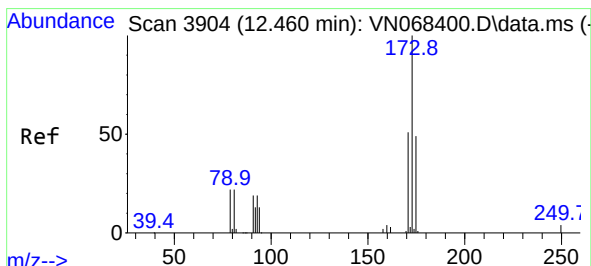
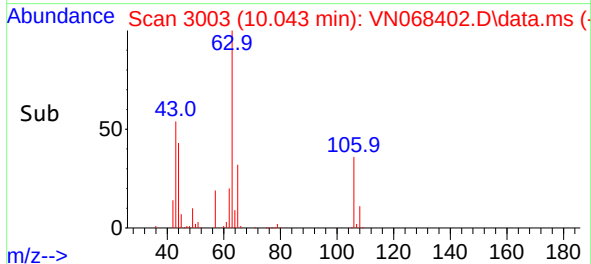
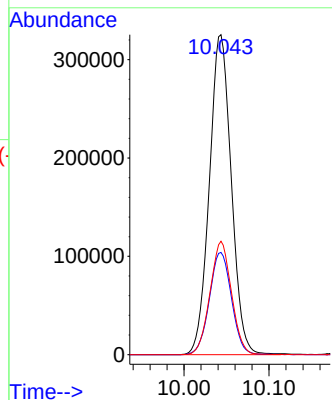
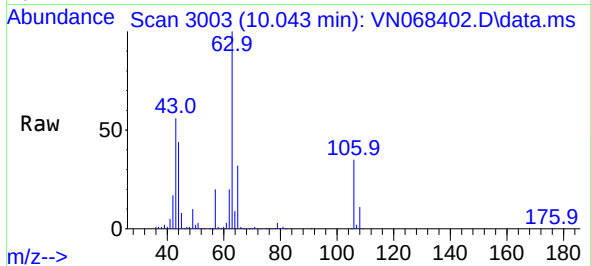




#55  
2-Chloroethyl vinyl ether  
Concen: 539670.652 ug/l  
RT: 10.043 min Scan# 3003  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

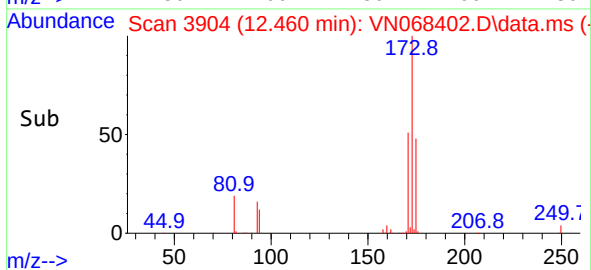
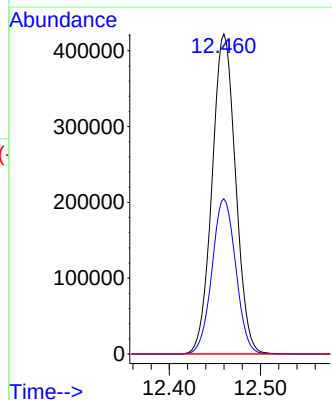
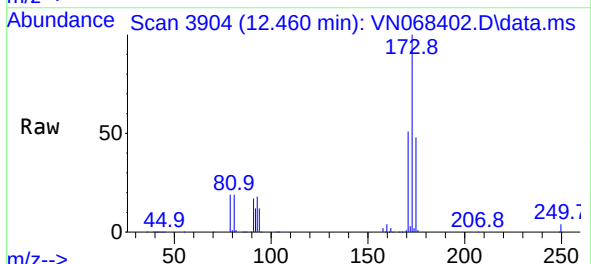
Instrument :  
MSVOA\_N  
ClientSampled :

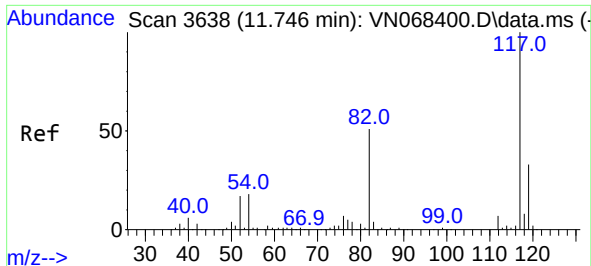
Tgt Ion: 63 Resp: 583721  
Ion Ratio Lower Upper  
63 100  
65 32.3 25.6 38.4  
106 34.7 20.0 30.0#



#56  
Bromoform  
Concen: 254425.324 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 173 Resp: 756600  
Ion Ratio Lower Upper  
173 100  
175 49.1 39.4 59.2  
254 0.0 0.0 0.0

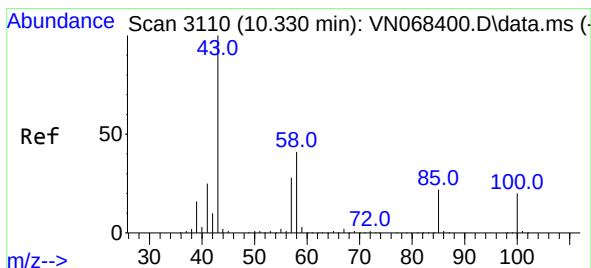
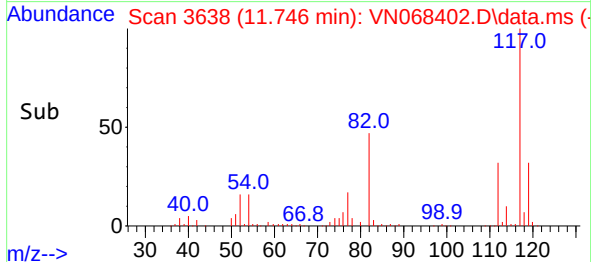
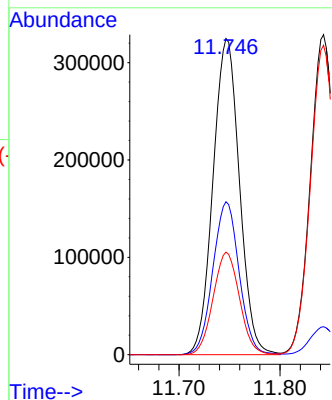
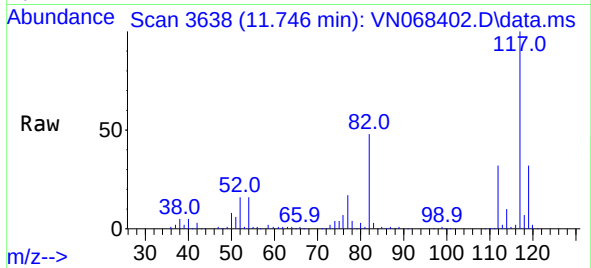




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

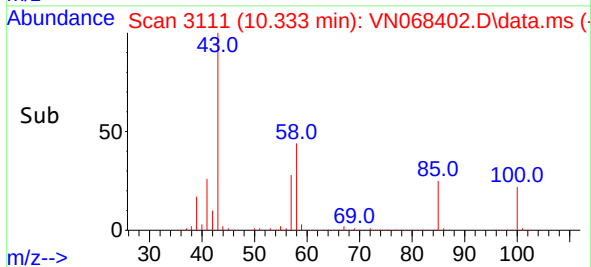
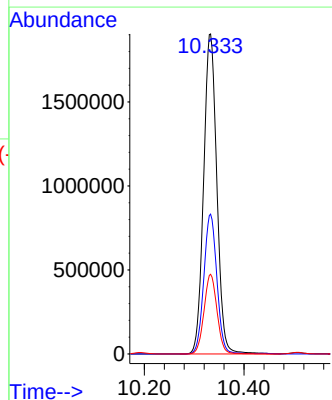
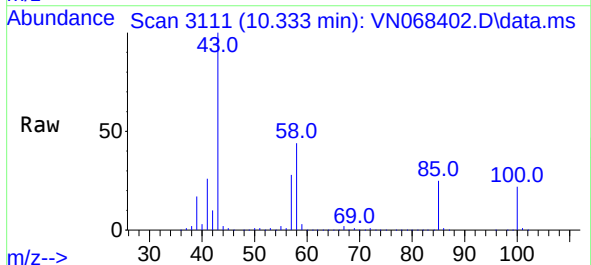
Instrument :  
MSVOA\_N  
ClientSampled :

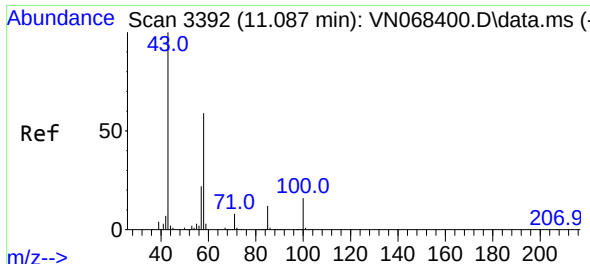
Tgt Ion:117 Resp: 589648  
Ion Ratio Lower Upper  
117 100  
82 48.2 52.5 78.7#  
119 32.4 25.8 38.8



#58  
4-Methyl-2-Pentanone  
Concen: 363.289 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. 0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

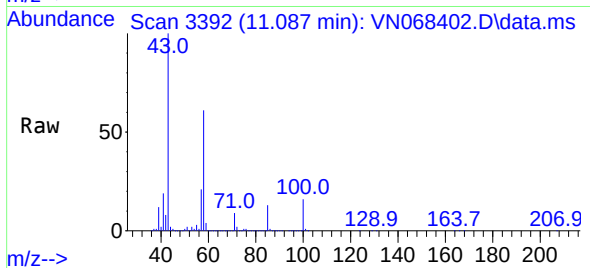
Tgt Ion: 43 Resp: 3508316  
Ion Ratio Lower Upper  
43 100  
58 43.2 29.0 43.4  
85 24.4 13.2 19.8#





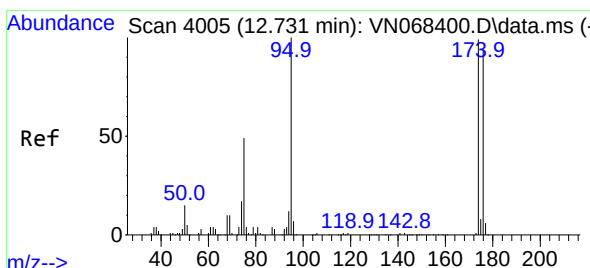
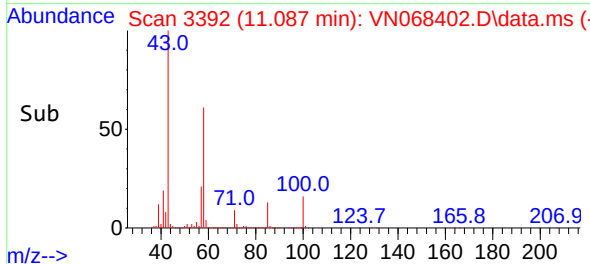
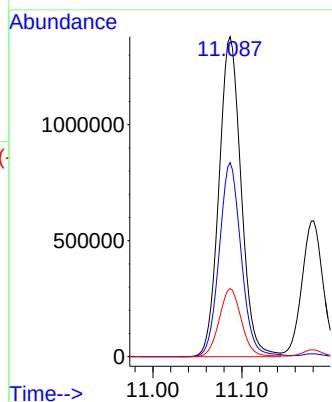
#59  
2-Hexanone  
Concen: 349.762 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Instrument :  
MSVOA\_N  
ClientSampleId :

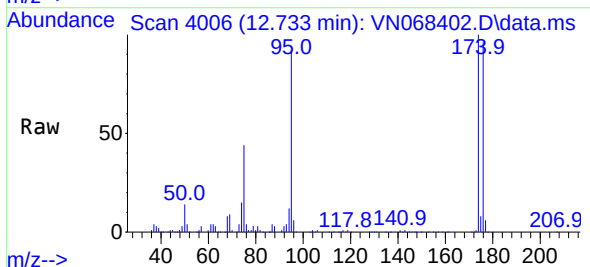


Tgt Ion: 43 Resp: 2382605

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 60.3  | 39.4  | 59.0# |
| 57  | 21.4  | 14.4  | 21.6  |

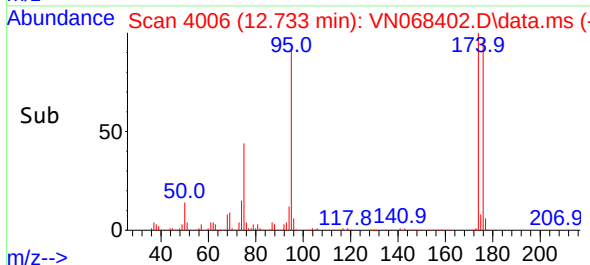
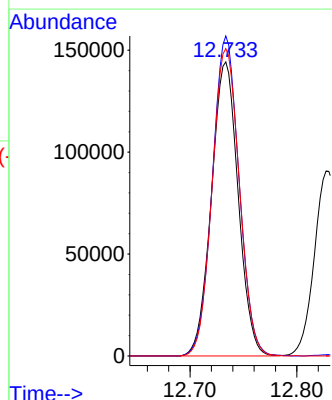


#60  
4-Bromofluorobenzene  
Concen: 27.079 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

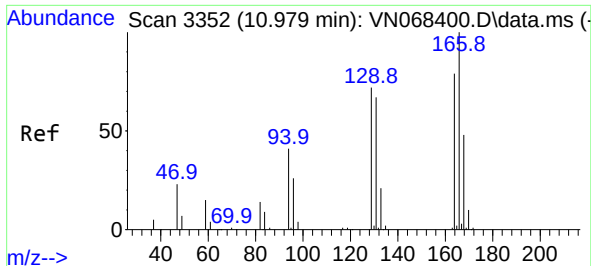


Tgt Ion: 95 Resp: 251356

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 108.3 | 47.7  | 71.5# |
| 176 | 106.2 | 45.7  | 68.5# |



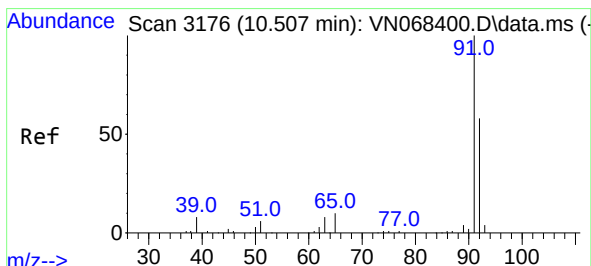
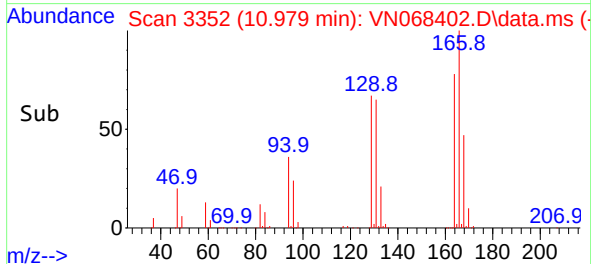
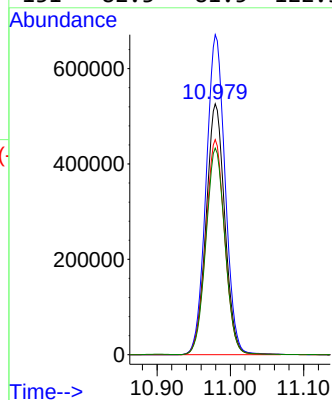
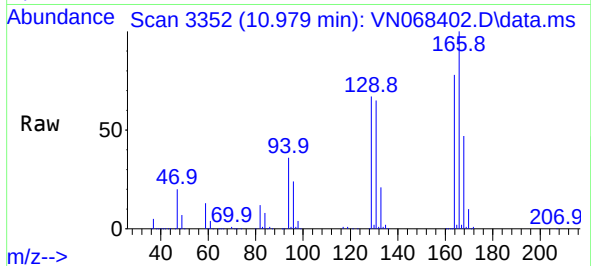




#61  
Tetrachloroethene  
Concen: 118.444 ug/l  
RT: 10.979 min Scan# 3352  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

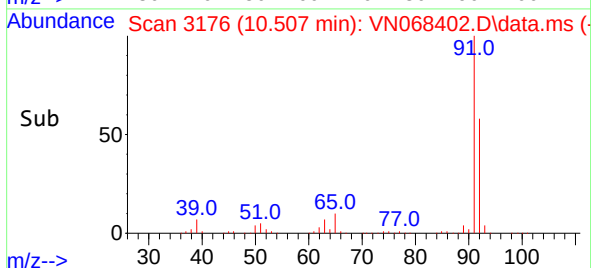
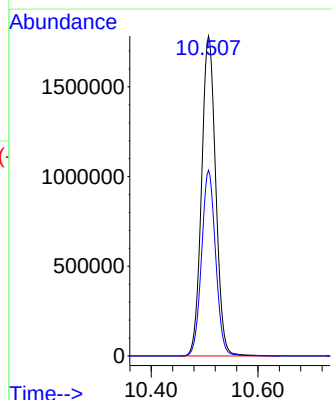
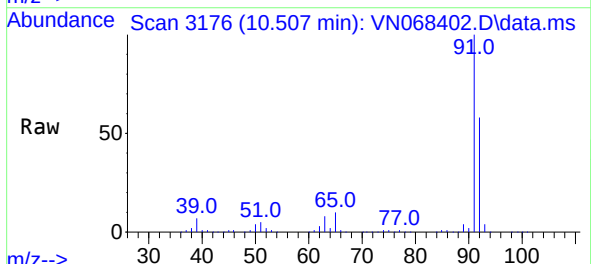
Instrument :  
MSVOA\_N  
ClientSampleId :

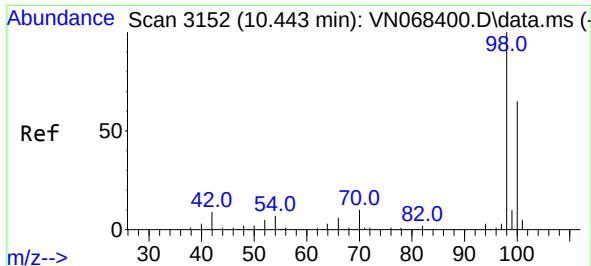
Tgt Ion:164 Resp: 935315  
Ion Ratio Lower Upper  
164 100  
166 127.5 101.0 151.4  
129 85.7 85.5 128.3  
131 82.3 81.5 122.3



#62  
Toluene  
Concen: 94.408 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 91 Resp: 3288038  
Ion Ratio Lower Upper  
91 100  
92 57.7 46.1 69.1

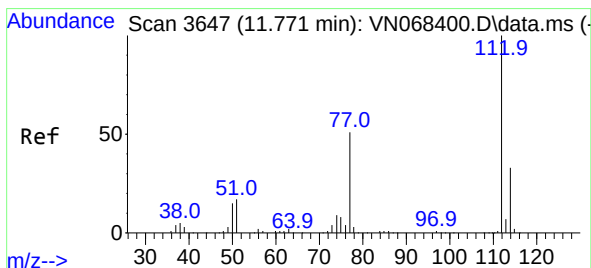
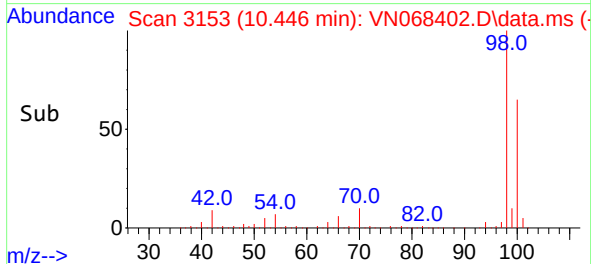
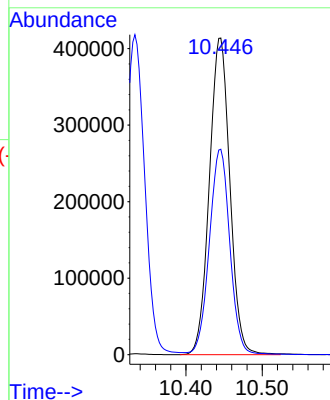
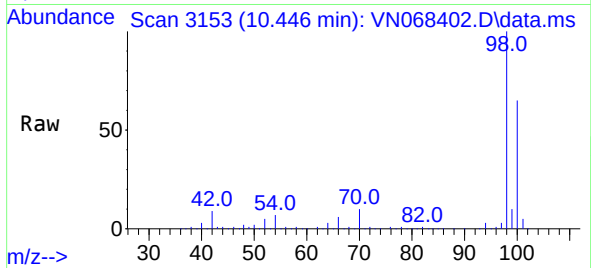




#63  
Toluene-d8  
Concen: 28.679 ug/l  
RT: 10.446 min Scan# 3153  
Delta R.T. 0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

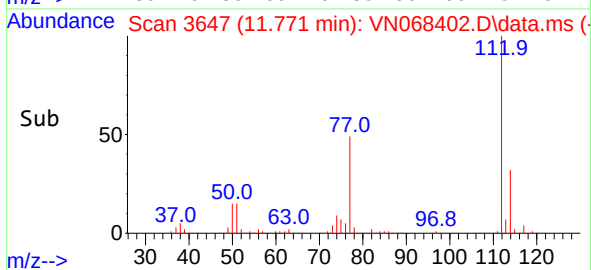
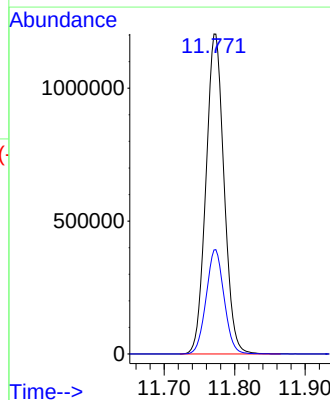
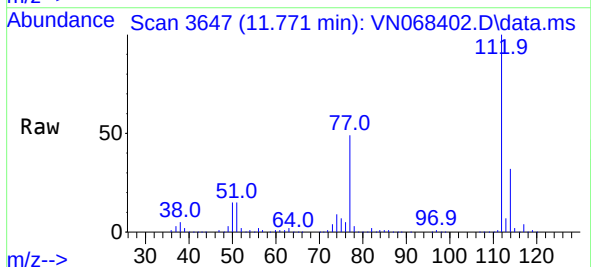
Instrument :  
MSVOA\_N  
ClientSampled :

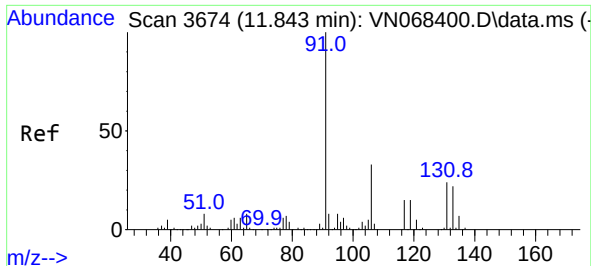
Tgt Ion: 98 Resp: 772390  
Ion Ratio Lower Upper  
98 100  
100 64.3 51.2 76.8



#64  
Chlorobenzene  
Concen: 100.855 ug/l  
RT: 11.771 min Scan# 3647  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 112 Resp: 2145673  
Ion Ratio Lower Upper  
112 100  
114 32.5 25.4 38.0

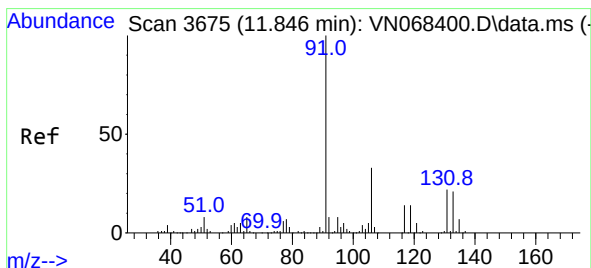
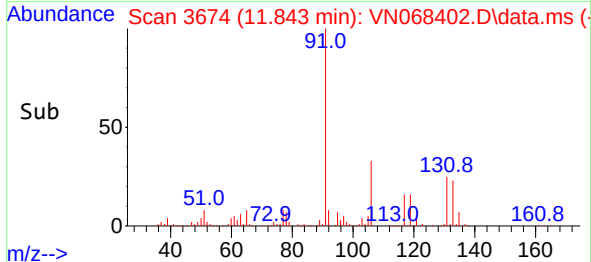
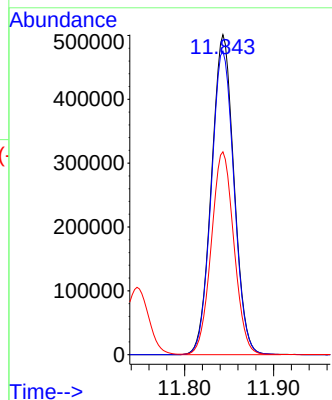
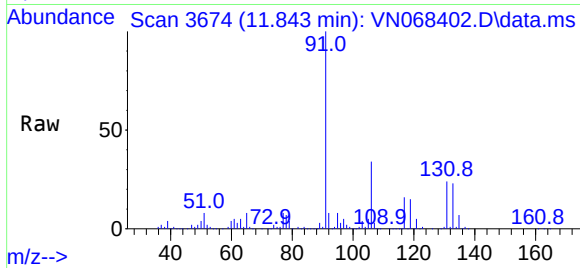




#65  
1,1,1,2-Tetrachloroethane  
Concen: 108.438 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

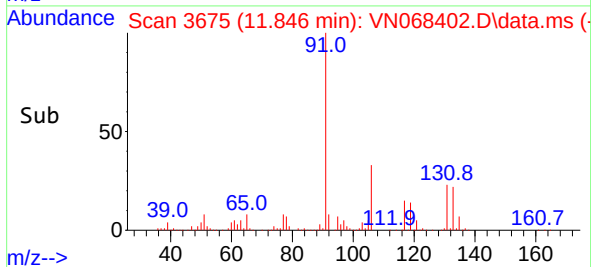
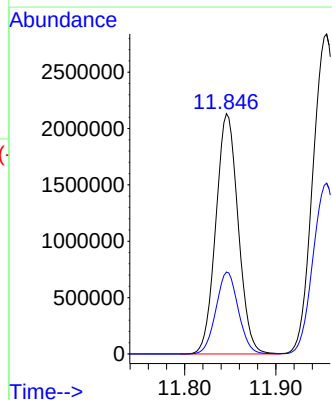
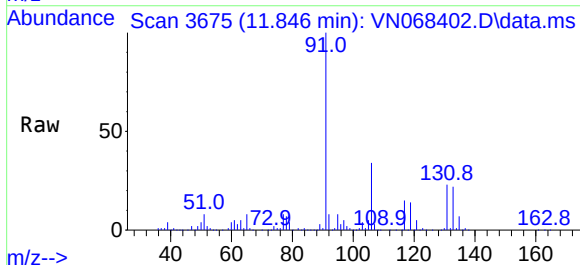
Instrument :  
MSVOA\_N  
ClientSampled :

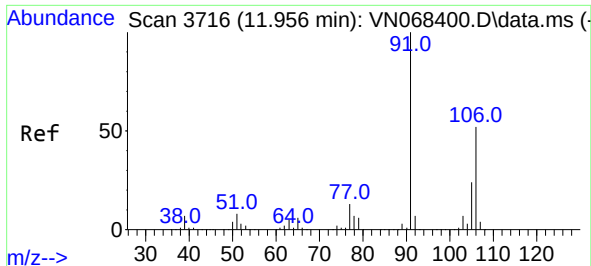
Tgt Ion:131 Resp: 881833  
Ion Ratio Lower Upper  
131 100  
133 96.0 0.0 189.6  
119 63.7 0.0 130.0



#66  
Ethyl Benzene  
Concen: 94.458 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 91 Resp: 3626937  
Ion Ratio Lower Upper  
91 100  
106 34.1 23.4 35.0

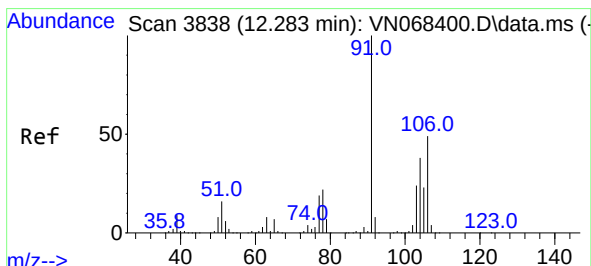
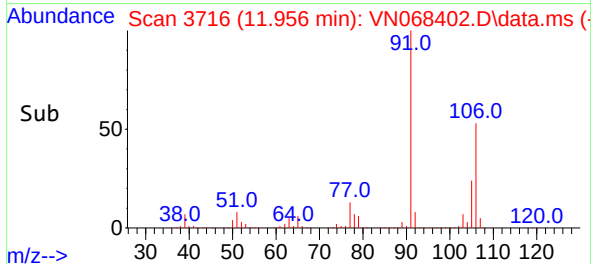
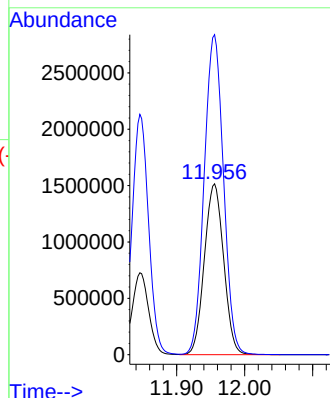
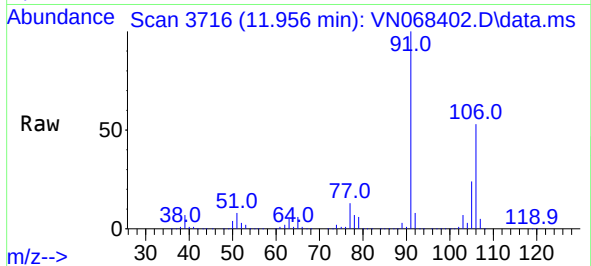




#67  
m/p-Xylenes  
Concen: 199.935 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

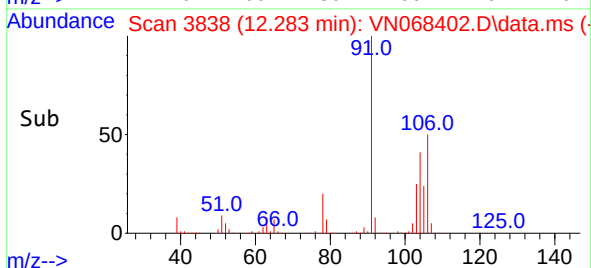
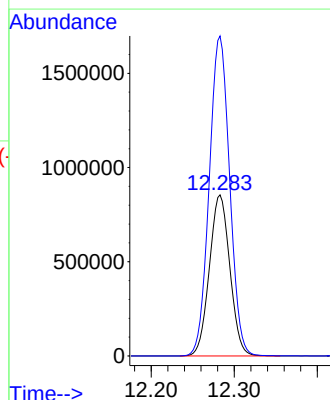
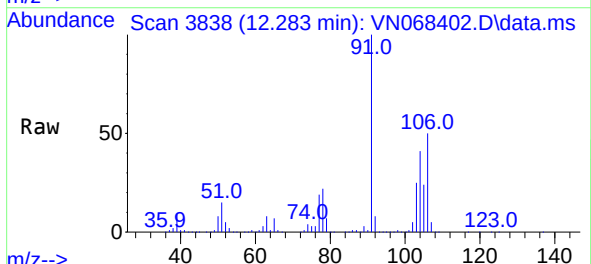
Instrument :  
MSVOA\_N  
ClientSampled :

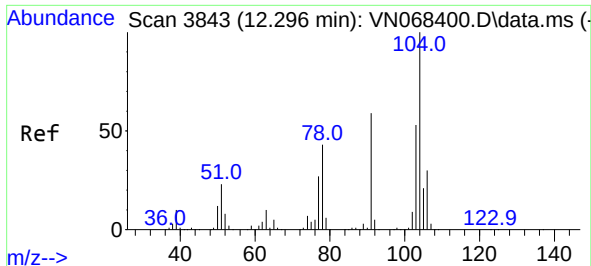
Tgt Ion:106 Resp: 2983379  
Ion Ratio Lower Upper  
106 100  
91 187.3 181.3 271.9



#68  
o-Xylene  
Concen: 99.478 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion:106 Resp: 1461538  
Ion Ratio Lower Upper  
106 100  
91 198.3 120.0 360.0

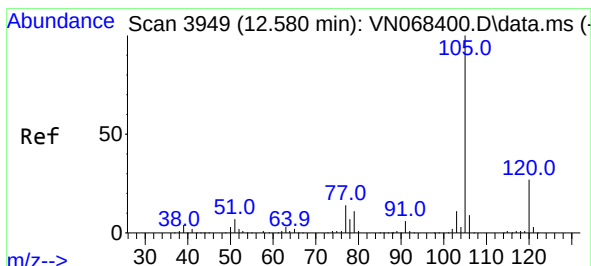
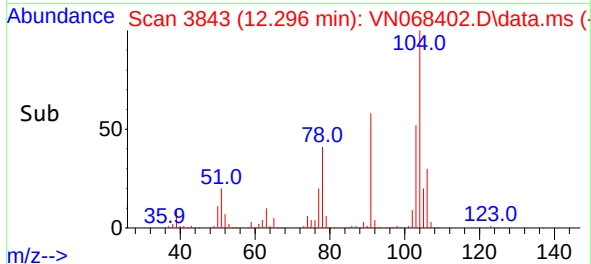
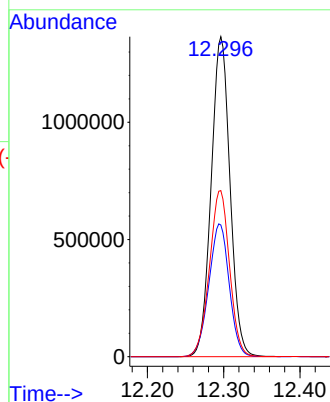
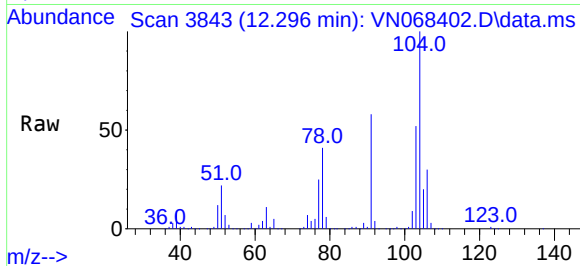




#69  
Styrene  
Concen: 98.275 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

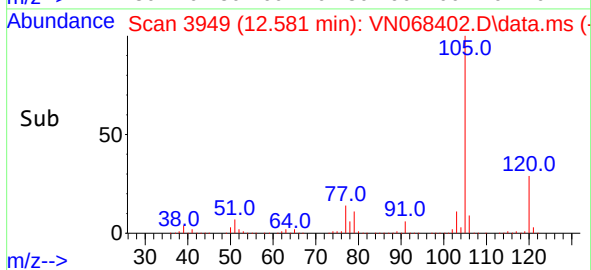
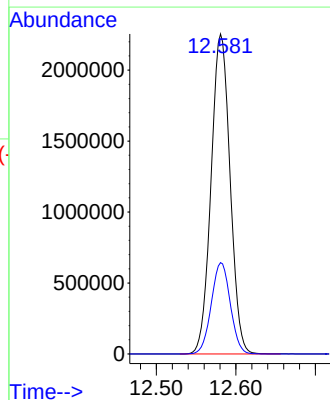
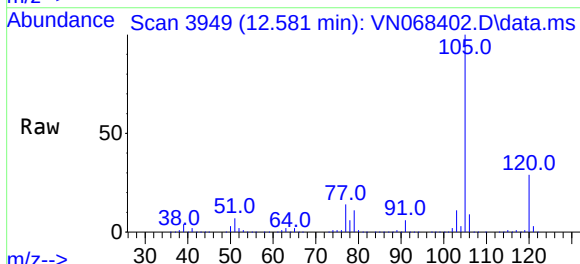
Instrument :  
MSVOA\_N  
ClientSampled :

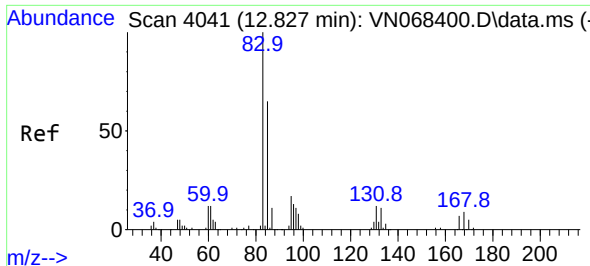
Tgt Ion:104 Resp: 2344240  
Ion Ratio Lower Upper  
104 100  
78 45.1 48.2 72.2#  
103 55.4 44.5 66.7



#70  
Isopropylbenzene  
Concen: 98.727 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion:105 Resp: 3739793  
Ion Ratio Lower Upper  
105 100  
120 28.6 17.6 32.6

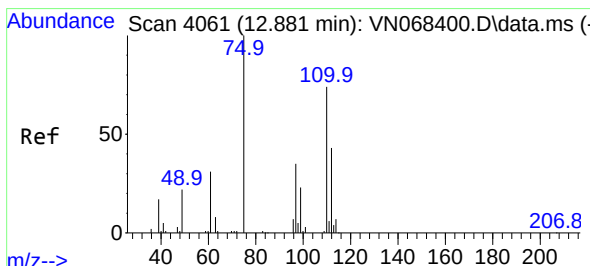
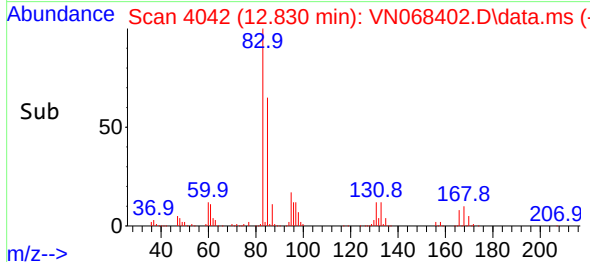
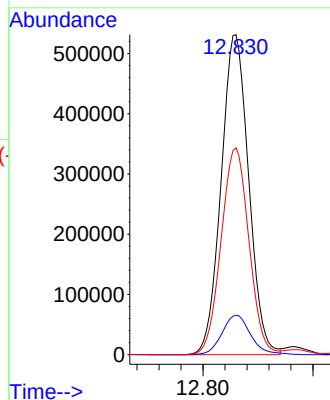
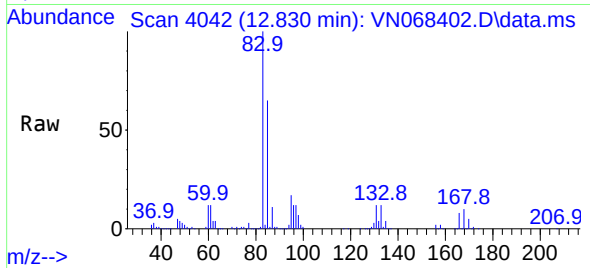




#71  
1,1,2,2-Tetrachloroethane  
Concen: 87.470 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. 0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

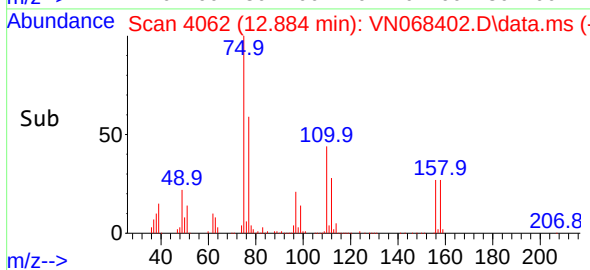
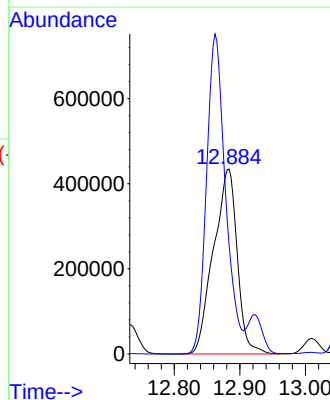
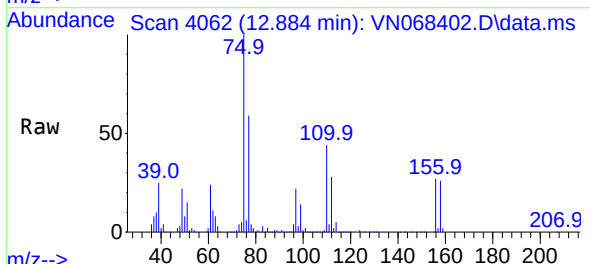
Instrument :  
MSVOA\_N  
ClientSampled :

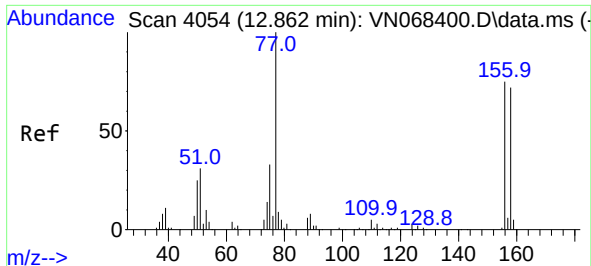
Tgt Ion: 83 Resp: 924294  
Ion Ratio Lower Upper  
83 100  
131 12.8 4.7 14.0  
85 65.2 32.2 96.6



#72  
1,2,3-Trichloropropane  
Concen: 122.843 ug/l  
RT: 12.884 min Scan# 4062  
Delta R.T. 0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 75 Resp: 1090051  
Ion Ratio Lower Upper  
75 100  
77 138.2 0.0 374.2



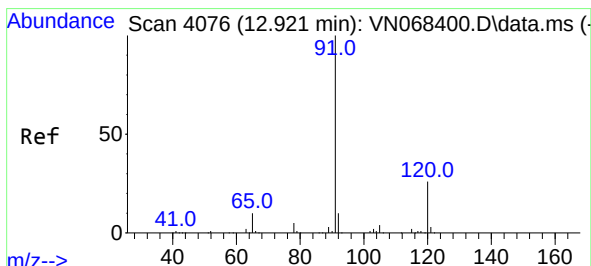
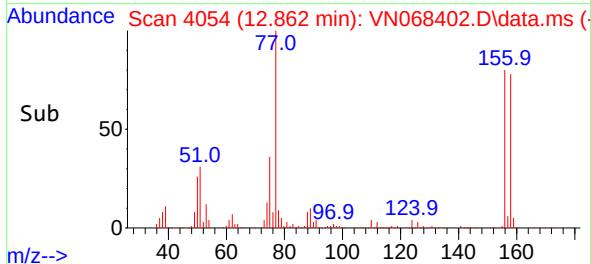
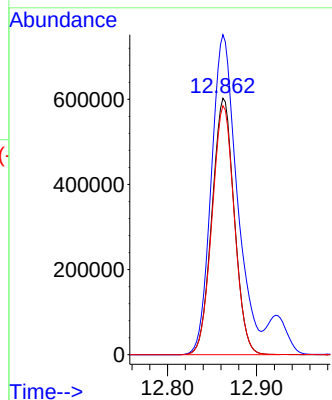
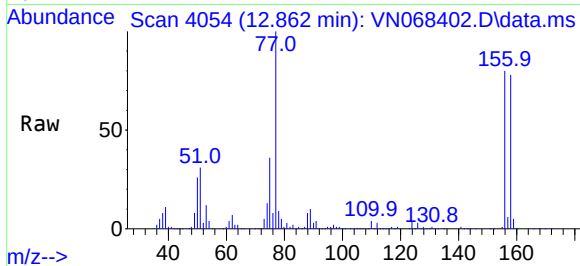


#73  
Bromobenzene  
Concen: 115.865 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion:156 Resp: 1050328  

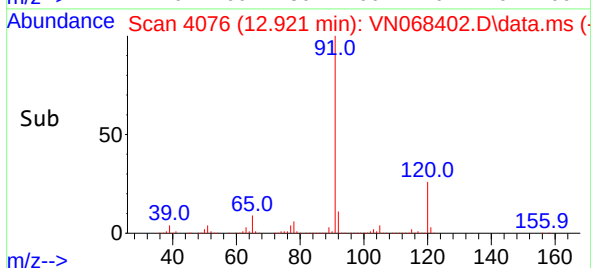
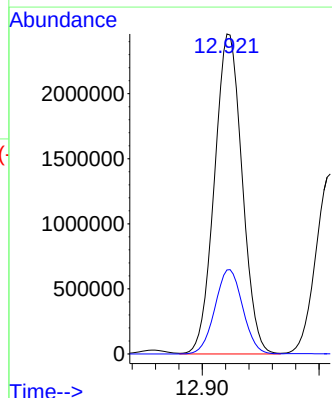
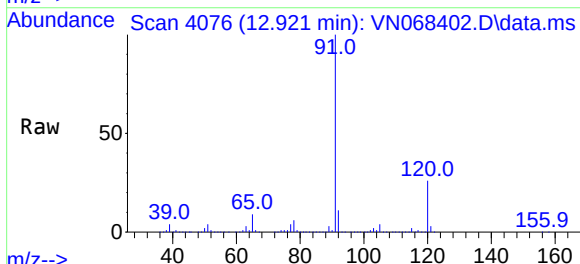
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 143.4 | 0.0   | 548.0 |
| 158 | 97.2  | 0.0   | 194.0 |

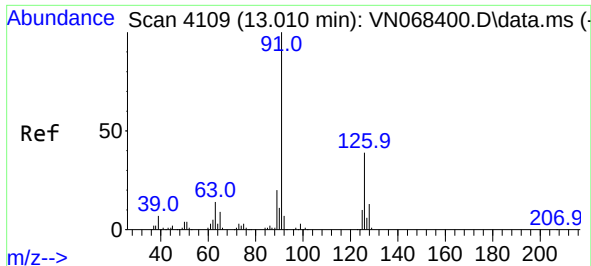


#74  
n-propylbenzene  
Concen: 94.947 ug/l  
RT: 12.921 min Scan# 4076  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 91 Resp: 4044113  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 26.4  | 0.0   | 41.0  |

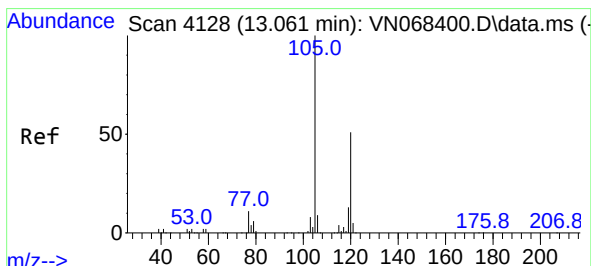
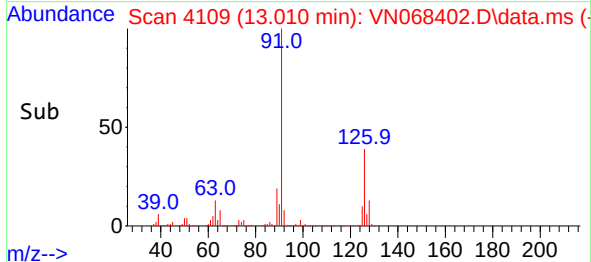
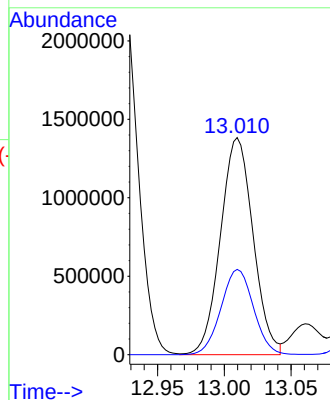
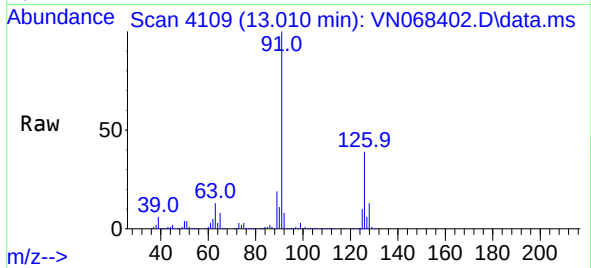




#75  
2-Chlorotoluene  
Concen: 92.092 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

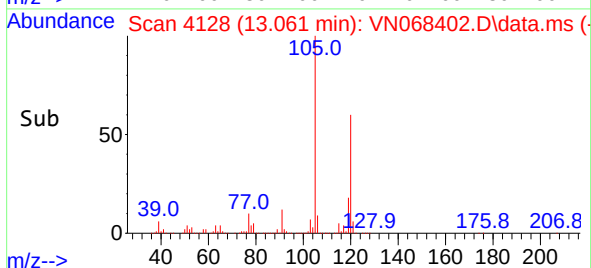
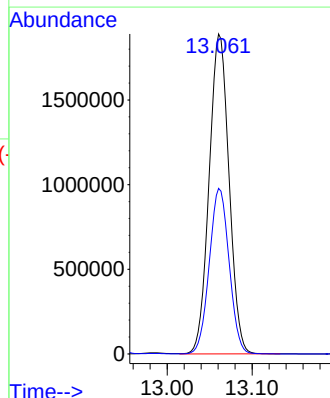
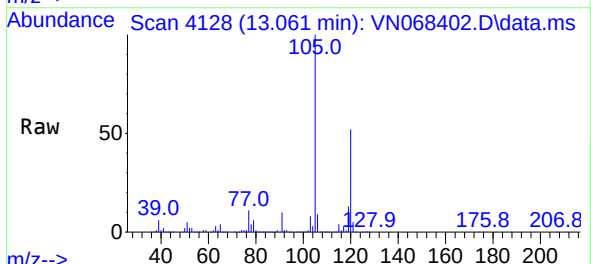
Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion: 91 Resp: 2354377  
Ion Ratio Lower Upper  
91 100  
126 39.2 0.0 0.0#

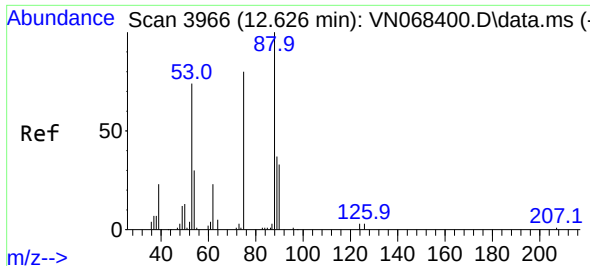


#76  
1,3,5-Trimethylbenzene  
Concen: 97.728 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 105 Resp: 3068947  
Ion Ratio Lower Upper  
105 100  
120 51.7 0.0 90.2

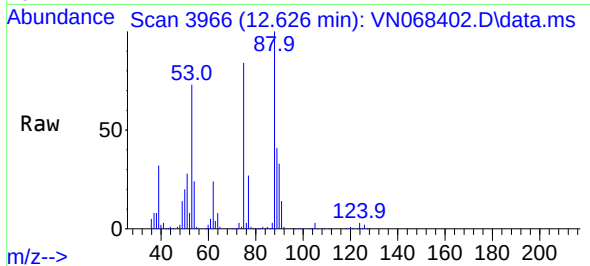






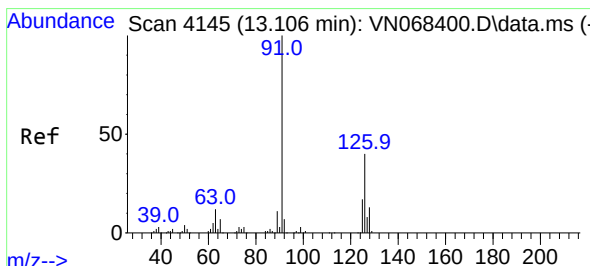
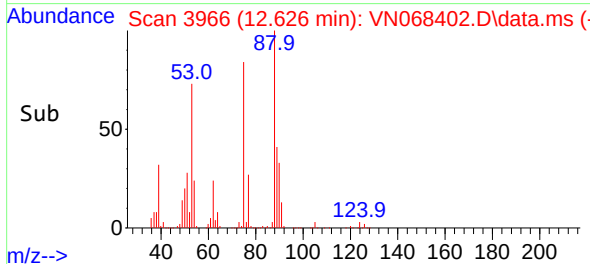
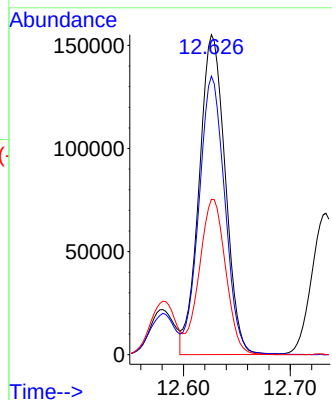
#77  
t-1,4-Dichloro-2-butene  
Concen: 87.892 ug/l  
RT: 12.626 min Scan# 3966  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Instrument :  
MSVOA\_N  
ClientSampled :



Tgt Ion: 75 Resp: 263429  

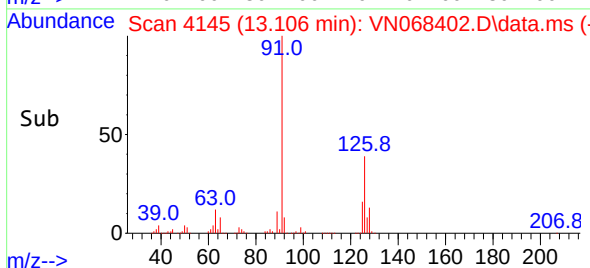
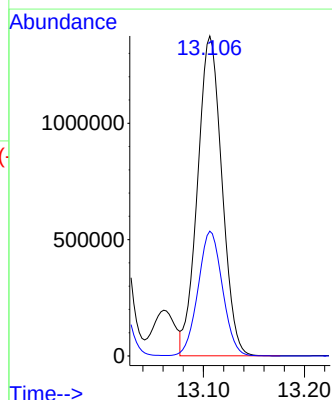
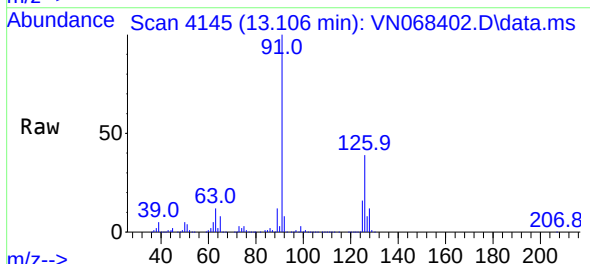
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 87.0  | 55.2  | 165.6 |
| 89  | 48.7  | 24.5  | 73.5  |

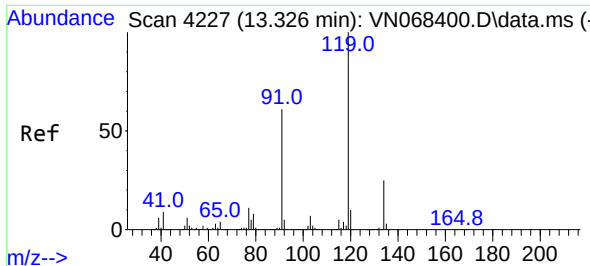


#78  
4-Chlorotoluene  
Concen: 91.702 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion: 91 Resp: 2307142  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 39.1  | 0.0   | 57.6  |

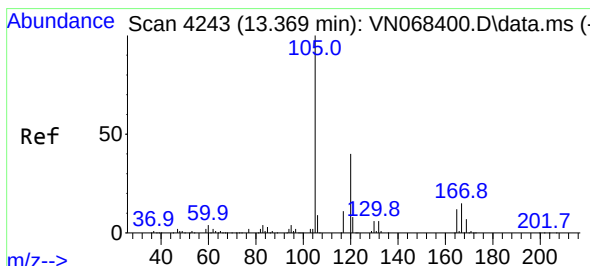
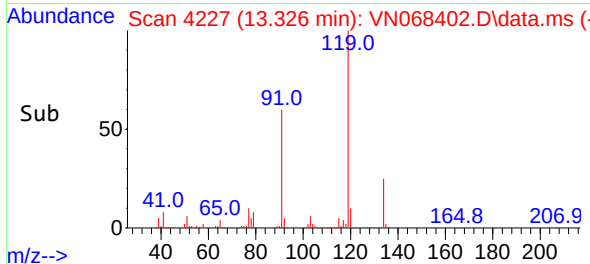
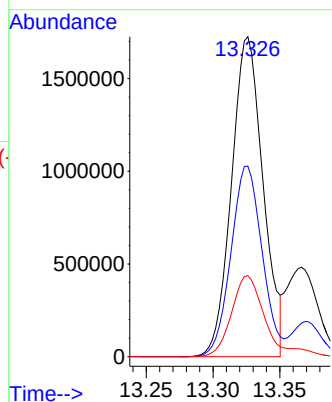
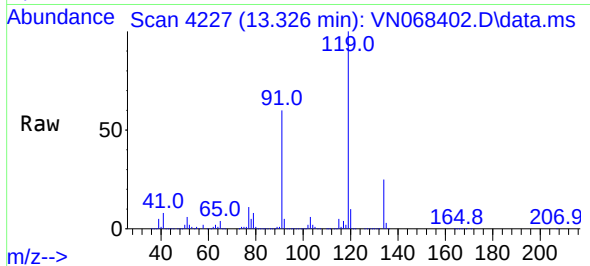




#79  
tert-butylbenzene  
Concen: 105.441 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

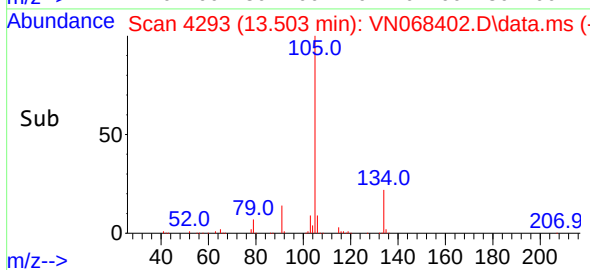
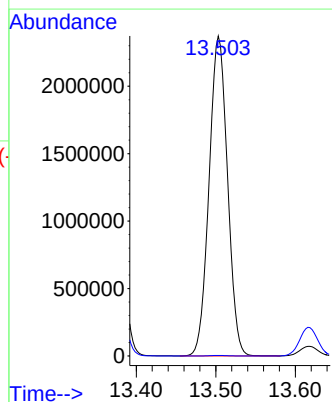
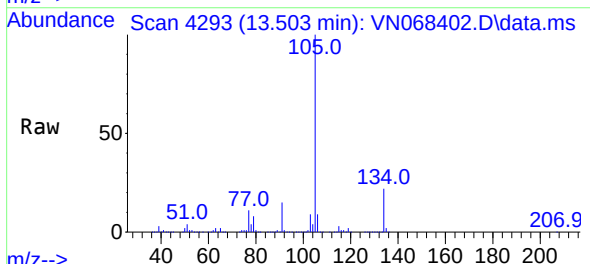
Instrument :  
MSVOA\_N  
ClientSampleId :

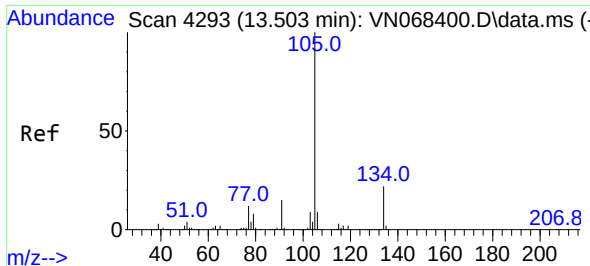
Tgt Ion:119 Resp: 2843068  
Ion Ratio Lower Upper  
119 100  
91 59.0 0.0 158.4  
134 25.6 0.0 43.6



#80  
1,2,4-Trimethylbenzene  
Concen: 124.033 ug/l  
RT: 13.503 min Scan# 4293  
Delta R.T. 0.134 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Tgt Ion:105 Resp: 3821022  
Ion Ratio Lower Upper  
105 100  
120 0.2 0.0 0.4

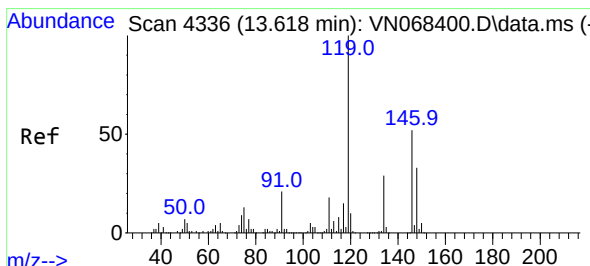
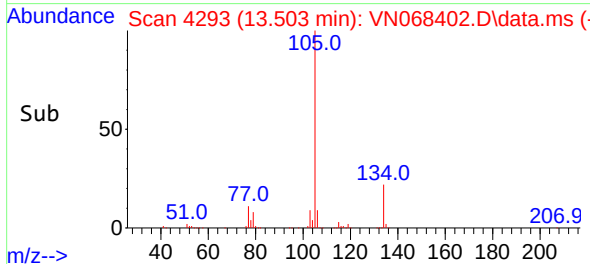
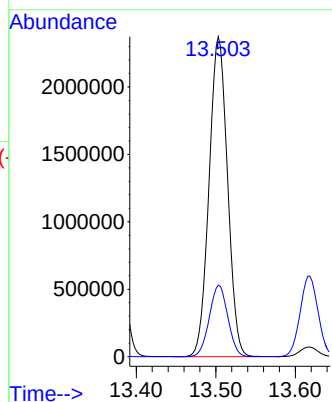
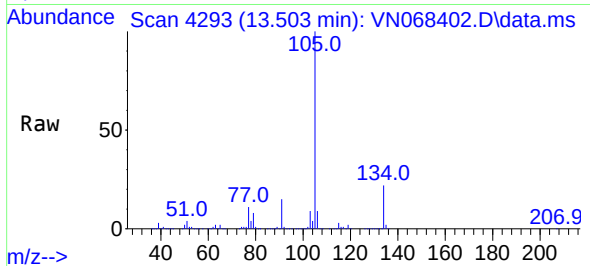




#81  
 sec-Butylbenzene  
 Concen: 103.223 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. 0.000 min  
 Lab File: VN068402.D  
 Acq: 3 Sep 2021 12:11

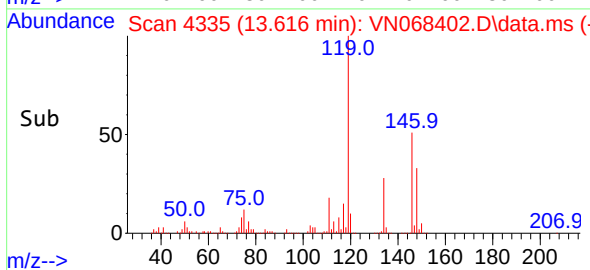
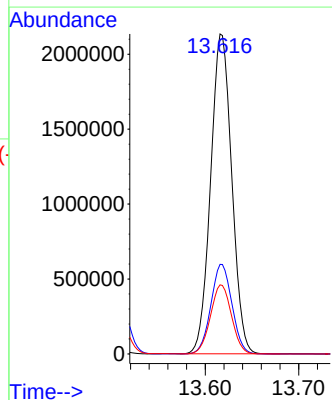
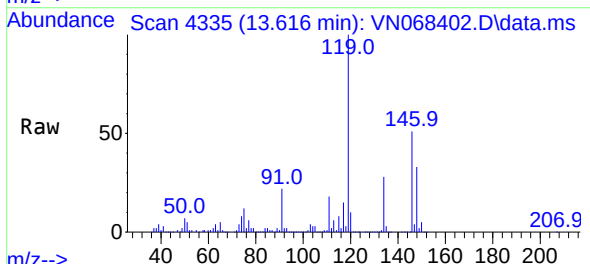
Instrument :  
 MSVOA\_N  
 ClientSampled :

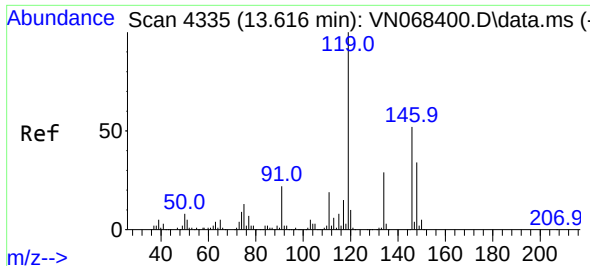
Tgt Ion:105 Resp: 3821022  
 Ion Ratio Lower Upper  
 105 100  
 134 22.4 0.0 35.4



#82  
 p-Isopropyltoluene  
 Concen: 107.467 ug/l  
 RT: 13.616 min Scan# 4335  
 Delta R.T. -0.003 min  
 Lab File: VN068402.D  
 Acq: 3 Sep 2021 12:11

Tgt Ion:119 Resp: 3354434  
 Ion Ratio Lower Upper  
 119 100  
 134 27.9 0.0 49.0  
 91 21.5 0.0 59.6

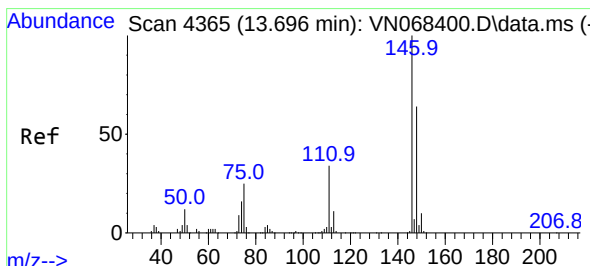
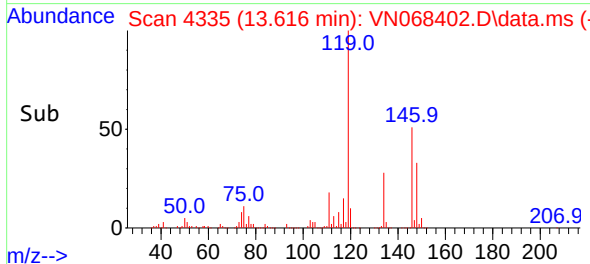
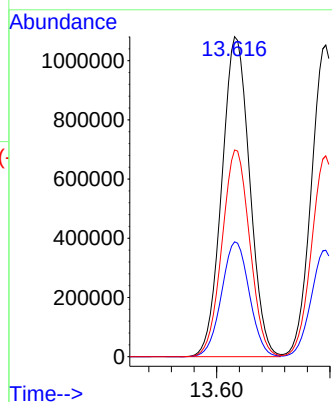
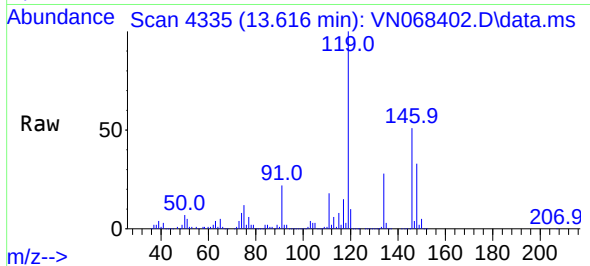




#83  
1,3-Dichlorobenzene  
Concen: 110.054 ug/l  
RT: 13.616 min Scan# 4335  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

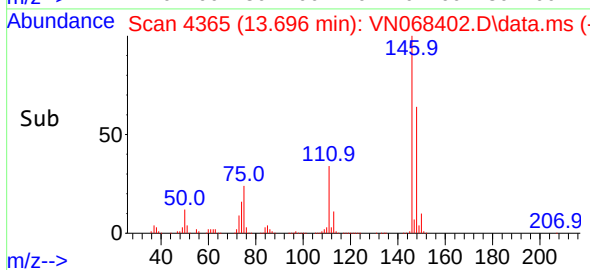
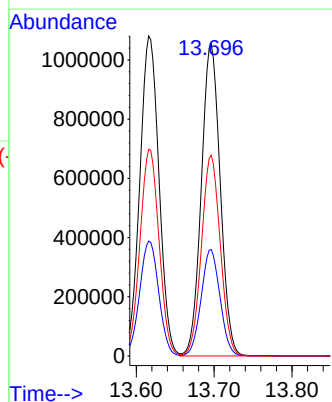
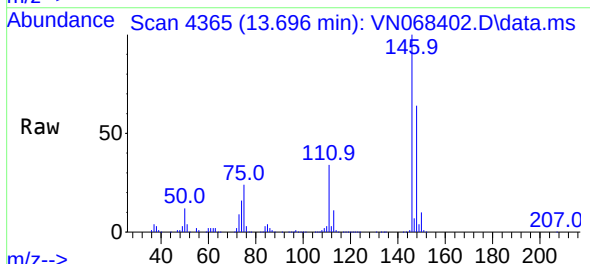
Instrument :  
MSVOA\_N  
ClientSampled :

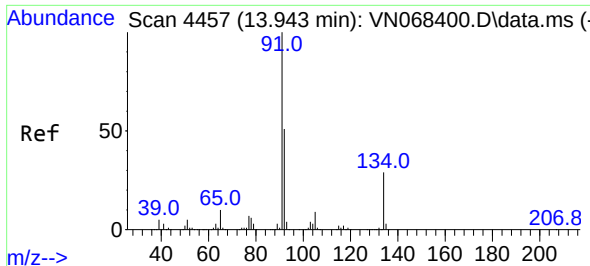
Tgt Ion:146 Resp: 1845268  
Ion Ratio Lower Upper  
146 100  
111 35.8 25.0 75.0  
148 64.4 32.6 97.7



#84  
1,4-Dichlorobenzene  
Concen: 110.321 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

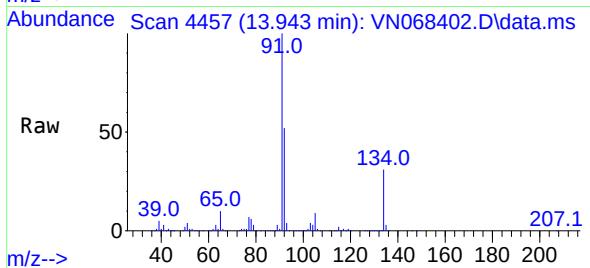
Tgt Ion:146 Resp: 1781916  
Ion Ratio Lower Upper  
146 100  
111 34.0 23.6 71.0  
148 64.2 31.8 95.3



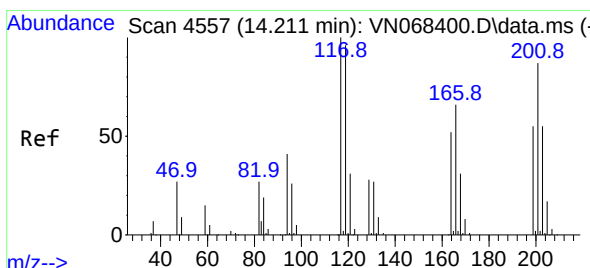
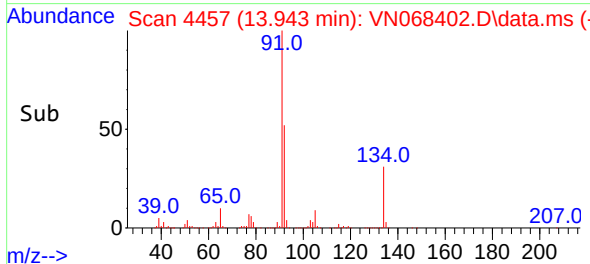
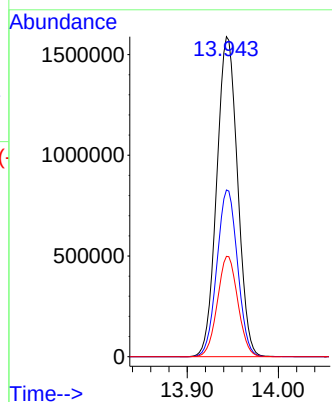


#85  
n-Butylbenzene  
Concen: 100.689 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Instrument :  
MSVOA\_N  
ClientSampled :

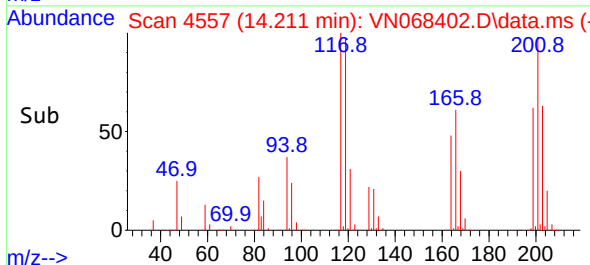
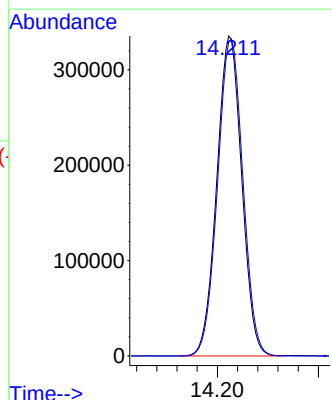
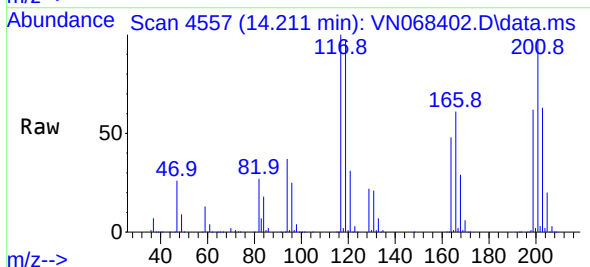


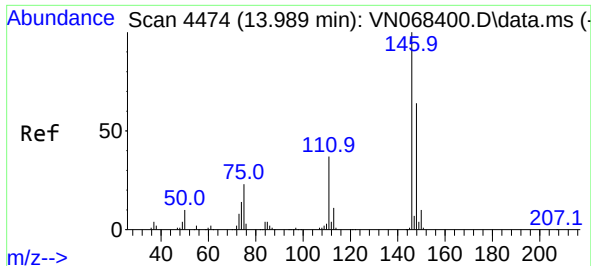
Tgt Ion: 91 Resp: 2517075  
Ion Ratio Lower Upper  
91 100  
92 51.8 0.0 103.0  
134 30.9 0.0 43.6



#86  
Hexachloroethane  
Concen: 107.136 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

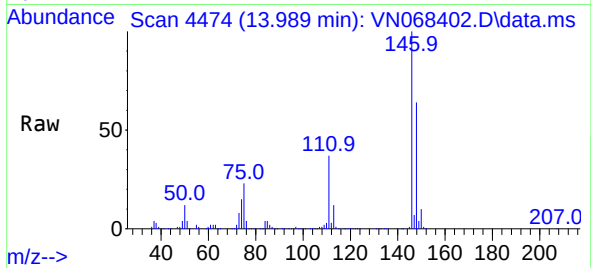
Tgt Ion: 117 Resp: 574247  
Ion Ratio Lower Upper  
117 100  
201 100.5 33.3 99.9#



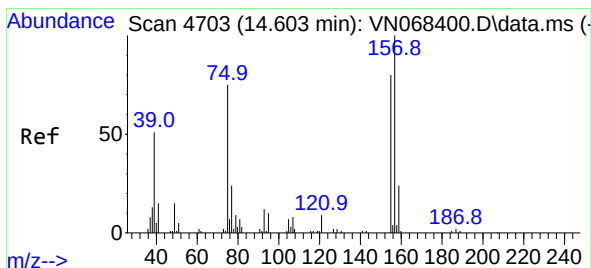
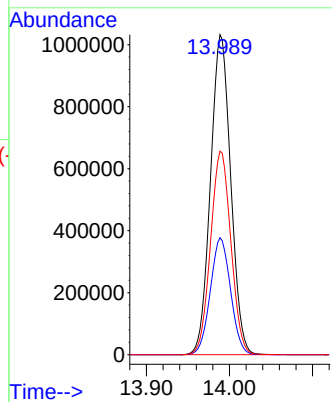
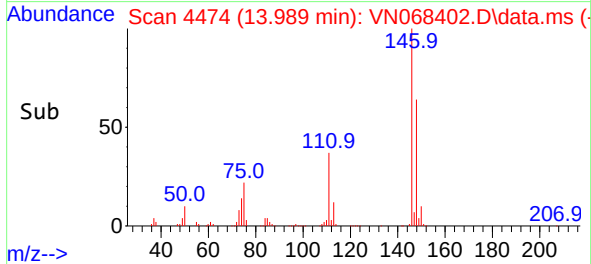


#87  
1,2-Dichlorobenzene  
Concen: 110.020 ug/l  
RT: 13.989 min Scan# 4474  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

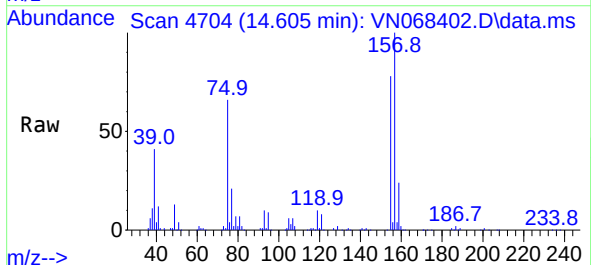
Instrument :  
MSVOA\_N  
ClientSampled :



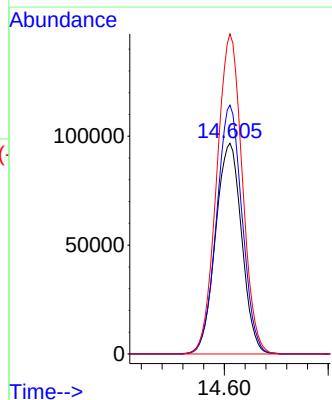
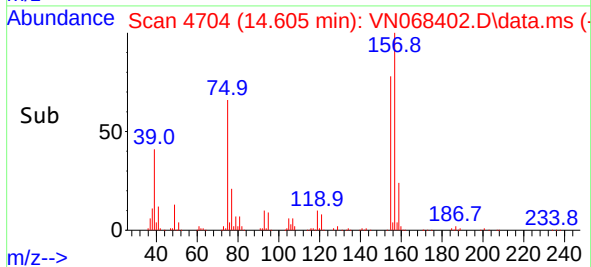
Tgt Ion:146 Resp: 1743131  
Ion Ratio Lower Upper  
146 100  
111 36.6 25.0 75.0  
148 64.1 32.0 96.0

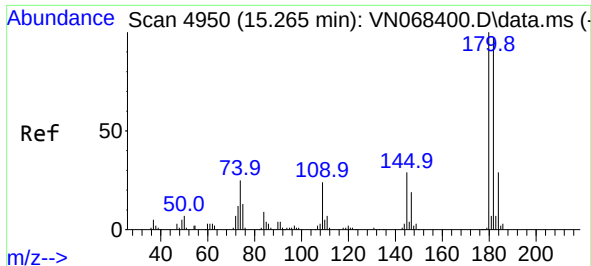


#88  
1,2-Dibromo-3-Chloropropane  
Concen: 89.885 ug/l  
RT: 14.605 min Scan# 4704  
Delta R.T. 0.003 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11



Tgt Ion: 75 Resp: 169599  
Ion Ratio Lower Upper  
75 100  
155 115.0 45.3 67.9#  
157 148.2 58.6 87.8#

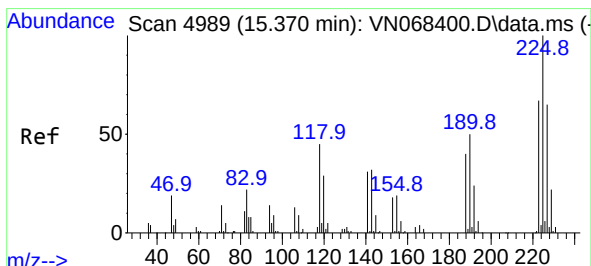
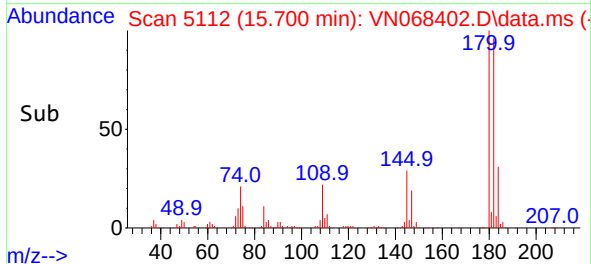
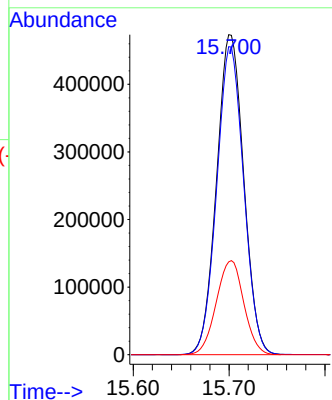
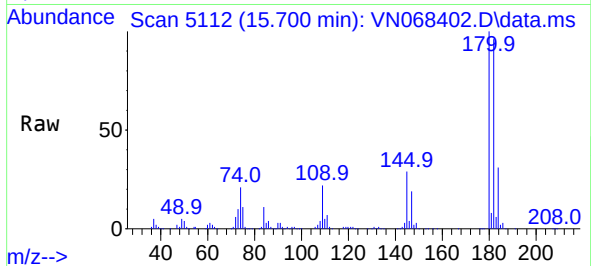




#89  
1,2,4-Trichlorobenzene  
Concen: 123.343 ug/l  
RT: 15.700 min Scan# 5112  
Delta R.T. 0.435 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

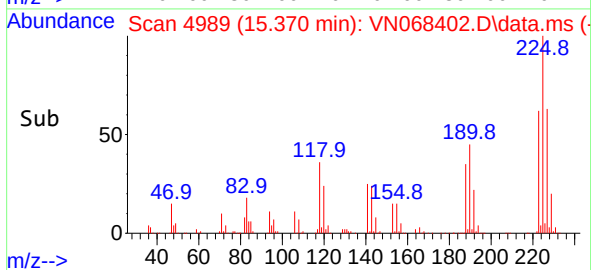
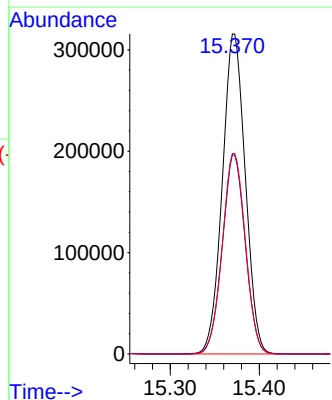
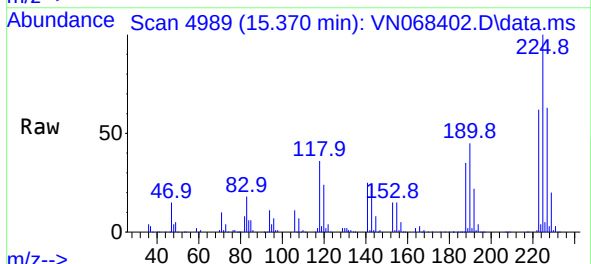
Instrument :  
MSVOA\_N  
ClientSampled :

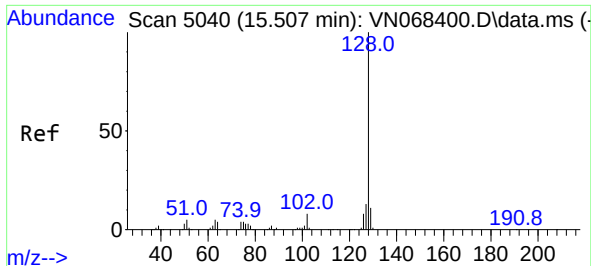
Tgt Ion:180 Resp: 929487  
Ion Ratio Lower Upper  
180 100  
182 95.6 75.9 113.9  
145 29.9 28.8 43.2



#90  
Hexachlorobutadiene  
Concen: 150.475 ug/l  
RT: 15.370 min Scan# 4989  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

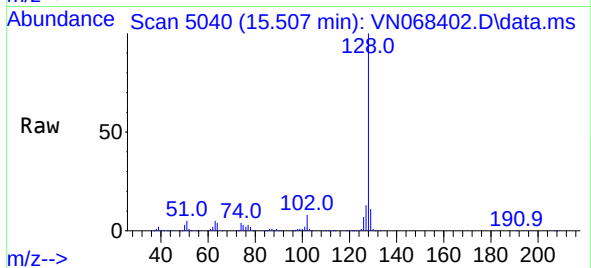
Tgt Ion:225 Resp: 565768  
Ion Ratio Lower Upper  
225 100  
223 62.3 0.0 129.6  
227 63.1 0.0 131.2





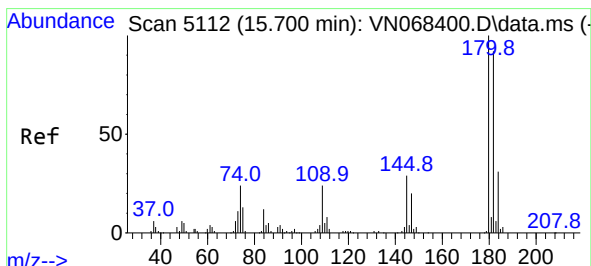
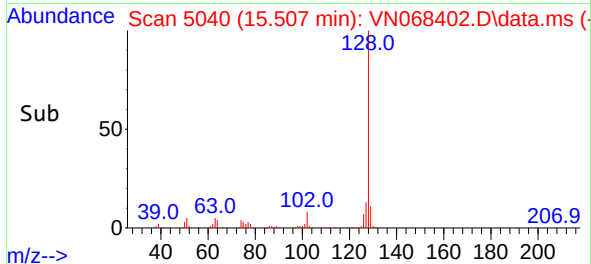
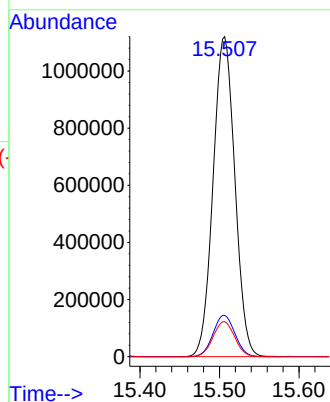
#91  
Naphthalene  
Concen: 109.313 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11

Instrument :  
MSVOA\_N  
ClientSampled :

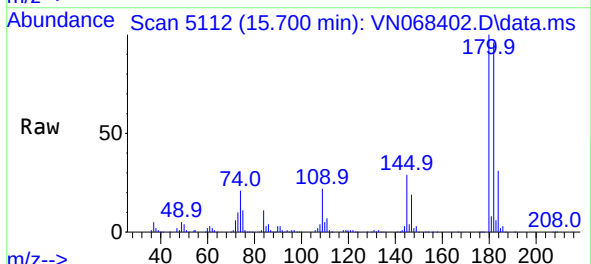


Tgt Ion:128 Resp: 2129597  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.0  | 10.1  | 15.1  |
| 129 | 10.9  | 8.9   | 13.3  |



#92  
1,2,3-Trichlorobenzene  
Concen: 130.127 ug/l  
RT: 15.700 min Scan# 5112  
Delta R.T. 0.000 min  
Lab File: VN068402.D  
Acq: 3 Sep 2021 12:11



Tgt Ion:180 Resp: 929866  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.6  | 0.0   | 184.6 |
| 145 | 29.9  | 0.0   | 76.0  |

