

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071421\  
 Data File : VN067720.D  
 Acq On : 13 Jul 2021 16:35  
 Operator : JC/MD  
 Sample : VSTDICCC020  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 14 01:07:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N071421W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Jul 14 01:07:13 2021  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |       | Response | Conc     | Units       | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|-------------|----------|
| -----                        |           |       |          |          |             |          |
| Internal Standards           |           |       |          |          |             |          |
| 1) Bromochloromethane        | 7.659     | 128   | 66376    | 30.000   | ug/l        | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.968     | 114   | 397684   | 30.000   | ug/l        | 0.00     |
| 57) Chlorobenzene-d5         | 11.747    | 117   | 381227   | 30.000   | ug/l        | 0.00     |
| System Monitoring Compounds  |           |       |          |          |             |          |
| 27) 1,2-Dichloroethane-d4    | 8.437     | 65    | 176386   | 33.253   | ug/l        | 0.00     |
| Spiked Amount                | 30.000    | Range | 91 - 110 | Recovery | = 110.833%# |          |
| 60) 4-Bromofluorobenzene     | 12.734    | 95    | 183951   | 30.018   | ug/l        | 0.00     |
| Spiked Amount                | 30.000    | Range | 63 - 112 | Recovery | = 100.067%  |          |
| 63) Toluene-d8               | 10.443    | 98    | 529136   | 30.300   | ug/l        | 0.00     |
| Spiked Amount                | 30.000    | Range | 91 - 112 | Recovery | = 101.000%  |          |
| Target Compounds             |           |       |          |          |             | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.073     | 85    | 63615    | 18.678   | ug/l        | 100      |
| 3) Chloromethane             | 2.301     | 50    | 84867    | 19.964   | ug/l        | 100      |
| 4) Vinyl Chloride            | 2.443     | 62    | 132344   | 20.233   | ug/l        | 100      |
| 5) Bromomethane              | 2.861     | 94    | 113039   | 20.575   | ug/l        | 100      |
| 6) Chloroethane              | 3.020     | 64    | 102546   | 21.253   | ug/l        | 100      |
| 7) Trichlorofluoromethane    | 3.371     | 101   | 256626   | 20.847   | ug/l        | 100      |
| 8) Diethyl Ether             | 3.819     | 74    | 26225    | 11.527   | ug/l        | 34       |
| 9) 1,1,2-Trichlorotrifluo... | 4.202     | 101   | 67830    | 19.097   | ug/l        | 100      |
| 10) 1,1-Dichloroethene       | 4.178     | 96    | 61791    | 18.674   | ug/l        | 100      |
| 11) Methyl Iodide            | 4.420     | 142   | 75979    | 17.743   | ug/l        | 100      |
| 12) Methyl Acetate           | 4.859     | 43    | 82292    | 18.576   | ug/l        | 100      |
| 14) Acrylonitrile            | 5.559     | 53    | 178787   | 93.436   | ug/l        | 100      |
| 15) Acetone                  | 4.291     | 58    | 45534    | 88.159   | ug/l        | 100      |
| 16) Carbon Disulfide         | 4.521     | 76    | 155221   | 17.733   | ug/l        | 100      |
| 17) Allyl chloride           | 4.833     | 41    | 107653   | 19.075   | ug/l        | 100      |
| 18) Methylene Chloride       | 5.093     | 84    | 81843    | 18.991   | ug/l        | 100      |
| 19) trans-1,2-Dichloroethene | 5.594     | 96    | 70942    | 18.313   | ug/l        | 100      |
| 20) Diisopropyl ether        | 6.498     | 45    | 249725   | 18.833   | ug/l        | 100      |
| 21) 1,1-Dichloroethane       | 6.383     | 63    | 140220   | 19.119   | ug/l        | 100      |
| 22) cis-1,2-Dichloroethene   | 7.324     | 96    | 86310    | 18.395   | ug/l        | 100      |
| 23) tert-Butyl Alcohol       | 5.388     | 59    | 68516    | 91.224   | ug/l        | # 100    |
| 24) Methyl tert-Butyl Ether  | 5.621     | 73    | 249338   | 18.823   | ug/l        | 100      |
| 25) Chloroform               | 7.818     | 83    | 155424   | 19.126   | ug/l        | 100      |
| 26) Cyclohexane              | 8.094     | 56    | 119295   | 18.599   | ug/l        | # 100    |
| 29) 1,1-Dichloropropene      | 8.223     | 75    | 111748   | 18.099   | ug/l        | 100      |
| 30) 2-Butanone               | 7.340     | 43    | 254998   | 88.245   | ug/l        | 100      |
| 31) 2,2-Dichloropropane      | 7.324     | 77    | 122691   | 17.352   | ug/l        | 100      |
| 32) 1,1,1-Trichloroethane    | 8.016     | 97    | 134700   | 17.744   | ug/l        | 100      |
| 33) Carbon Tetrachloride     | 8.204     | 117   | 112821   | 17.425   | ug/l        | 100      |
| 34) Benzene                  | 8.461     | 78    | 334610   | 18.033   | ug/l        | 100      |
| 35) Methacrylonitrile        | 7.641     | 41    | 47565    | 16.112   | ug/l        | 100      |
| 36) 1,2-Dichloroethane       | 8.531     | 62    | 131382   | 19.257   | ug/l        | 100      |
| 37) Trichloroethene          | 9.218     | 130   | 85735    | 17.663   | ug/l        | 100      |
| 38) Methylcyclohexane        | 9.462     | 83    | 122555   | 17.702   | ug/l        | 100      |
| 39) 1,2-Dichloropropane      | 9.491     | 63    | 85034    | 18.199   | ug/l        | 100      |
| 40) Dibromomethane           | 9.580     | 93    | 61061    | 17.794   | ug/l        | 100      |
| 41) Bromodichloromethane     | 9.765     | 83    | 118763   | 17.864   | ug/l        | 100      |
| 42) Vinyl Acetate            | 6.436     | 43    | 939179   | 81.217   | ug/l        | 100      |
| 43) Ethyl Acetate            | 7.415     | 43    | 99300    | 16.459   | ug/l        | 100      |

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 Sample : VSTDICCC020  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 14 01:07:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N071421W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Jul 14 01:07:13 2021  
 Response via : Initial Calibration

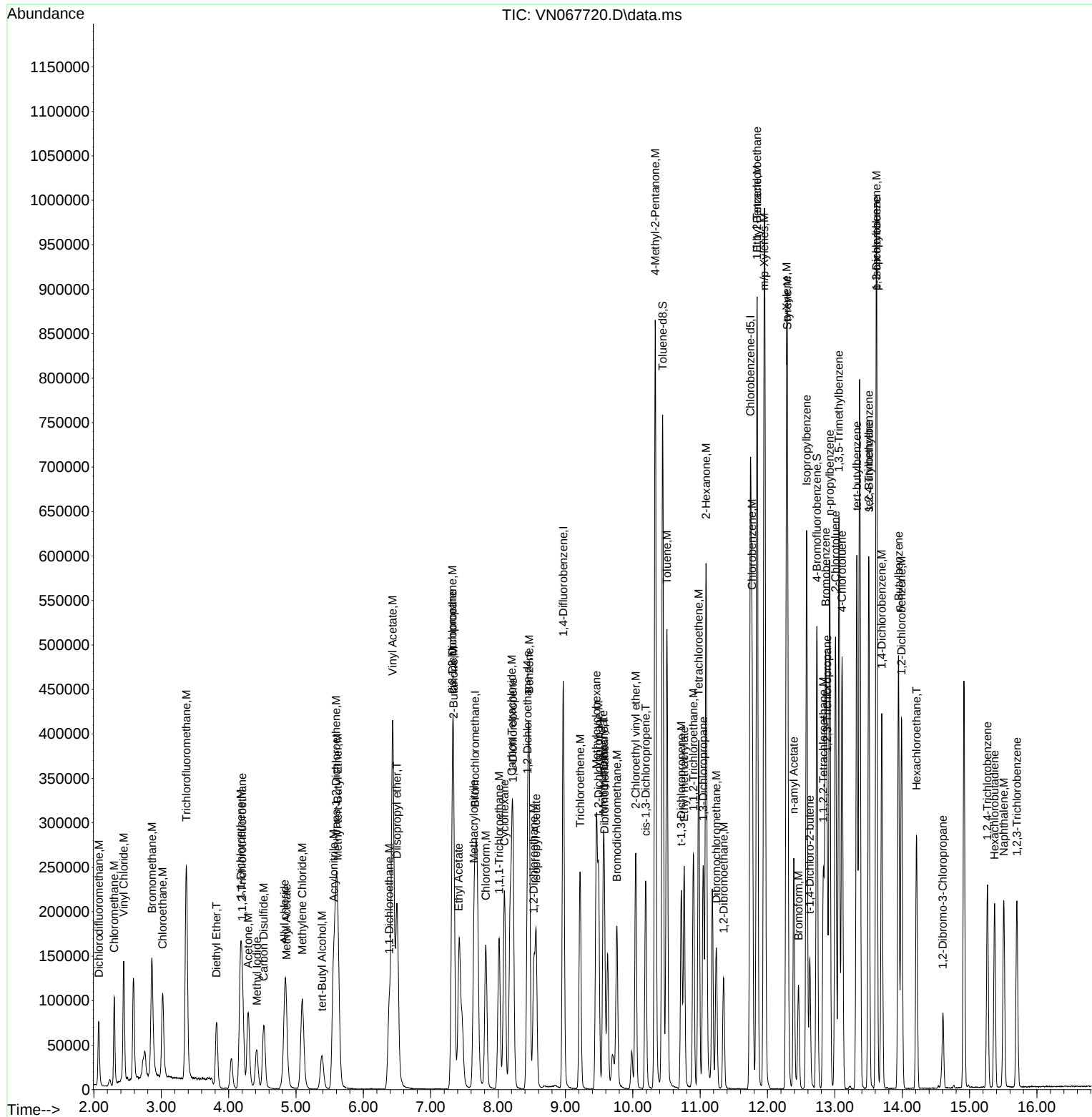
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 44) Isopropyl Acetate         | 8.563  | 43   | 186512   | 17.895  | ug/l   | 100      |
| 45) 1,4-Dioxane               | 9.572  | 88   | 28605    | 353.798 | ug/l   | 100      |
| 46) Methyl methacrylate       | 9.561  | 41   | 79516    | 17.502  | ug/l   | 100      |
| 47) n-amyl Acetate            | 12.390 | 43   | 145213   | 16.767  | ug/l   | 100      |
| 48) t-1,3-Dichloropropene     | 10.719 | 75   | 121593   | 16.795  | ug/l   | 100      |
| 49) cis-1,3-Dichloropropene   | 10.191 | 75   | 131447   | 17.276  | ug/l   | 100      |
| 50) 1,1,2-Trichloroethane     | 10.902 | 97   | 84368    | 17.508  | ug/l   | 100      |
| 51) Ethyl methacrylate        | 10.762 | 69   | 129479   | 17.226  | ug/l   | 100      |
| 52) 1,3-Dichloropropane       | 11.047 | 76   | 142914   | 17.968  | ug/l   | 100      |
| 53) Dibromochloromethane      | 11.240 | 129  | 82828    | 16.190  | ug/l   | 100      |
| 54) 1,2-Dibromoethane         | 11.347 | 107  | 86832    | 17.331  | ug/l   | 100      |
| 55) 2-Chloroethyl vinyl ether | 10.044 | 63   | 116250   | 74.035  | ug/l   | 100      |
| 56) Bromoform                 | 12.460 | 173  | 52370    | 14.624  | ug/l # | 100      |
| 58) 4-Methyl-2-Pentanone      | 10.333 | 43   | 581169   | 89.959  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.087 | 43   | 401589   | 88.150  | ug/l   | 100      |
| 61) Tetrachloroethene         | 10.980 | 164  | 82439    | 17.493  | ug/l   | 100      |
| 62) Toluene                   | 10.508 | 91   | 400592   | 18.101  | ug/l   | 100      |
| 64) Chlorobenzene             | 11.771 | 112  | 235488   | 17.645  | ug/l   | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 83257    | 16.773  | ug/l   | 100      |
| 66) Ethyl Benzene             | 11.846 | 91   | 438741   | 17.911  | ug/l   | 100      |
| 67) m/p-Xylenes               | 11.953 | 106  | 333358   | 35.577  | ug/l   | 100      |
| 68) o-Xylene                  | 12.283 | 106  | 162875   | 17.582  | ug/l   | 100      |
| 69) Styrene                   | 12.296 | 104  | 267568   | 17.611  | ug/l   | 100      |
| 70) Isopropylbenzene          | 12.581 | 105  | 423859   | 17.742  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 120924   | 17.866  | ug/l   | 100      |
| 72) 1,2,3-Trichloropropane    | 12.884 | 75   | 149424   | 25.837  | ug/l   | 66       |
| 73) Bromobenzene              | 12.865 | 156  | 92018    | 16.758  | ug/l   | 100      |
| 74) n-propylbenzene           | 12.924 | 91   | 491537   | 18.056  | ug/l   | 100      |
| 75) 2-Chlorotoluene           | 13.010 | 91   | 295624   | 18.084  | ug/l   | 100      |
| 76) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 352046   | 17.817  | ug/l   | 100      |
| 77) t-1,4-Dichloro-2-butene   | 12.629 | 75   | 30066    | 15.370  | ug/l   | 100      |
| 78) 4-Chlorotoluene           | 13.106 | 91   | 296855   | 18.320  | ug/l   | 100      |
| 79) tert-butylbenzene         | 13.326 | 119  | 298367   | 17.818  | ug/l   | 100      |
| 80) 1,2,4-Trimethylbenzene    | 13.503 | 105  | 422635   | 21.731  | ug/l   | 100      |
| 81) sec-Butylbenzene          | 13.503 | 105  | 422635   | 18.181  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 13.619 | 119  | 337659   | 17.431  | ug/l   | 100      |
| 83) 1,3-Dichlorobenzene       | 13.619 | 146  | 174492   | 17.012  | ug/l   | 100      |
| 84) 1,4-Dichlorobenzene       | 13.696 | 146  | 170956   | 17.212  | ug/l   | 100      |
| 85) n-Butylbenzene            | 13.946 | 91   | 281650   | 17.547  | ug/l   | 100      |
| 86) Hexachloroethane          | 14.211 | 117  | 53483    | 16.169  | ug/l   | 100      |
| 87) 1,2-Dichlorobenzene       | 13.991 | 146  | 168243   | 17.336  | ug/l   | 100      |
| 88) 1,2-Dibromo-3-Chloropr... | 14.603 | 75   | 20868    | 16.980  | ug/l   | 100      |
| 89) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 69901    | 15.291  | ug/l   | 100      |
| 90) Hexachlorobutadiene       | 15.370 | 225  | 38654    | 17.765  | ug/l   | 100      |
| 91) Naphthalene               | 15.507 | 128  | 189133   | 15.117  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 15.703 | 180  | 66721    | 15.339  | ug/l   | 100      |

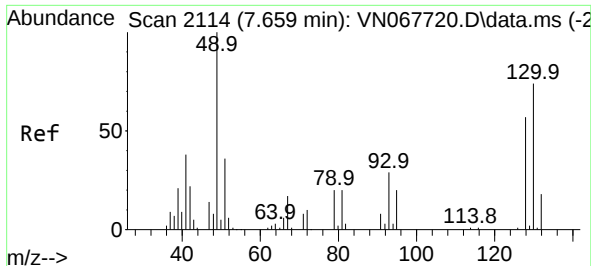
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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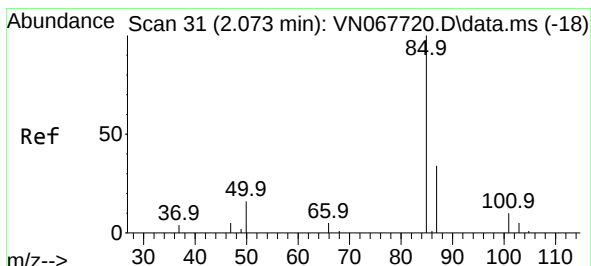
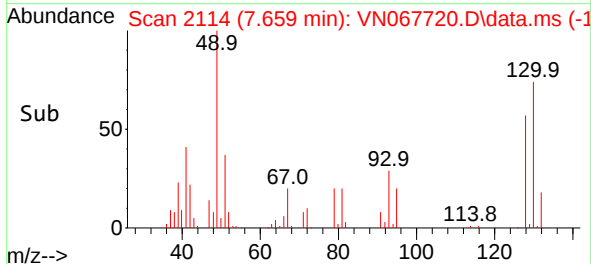
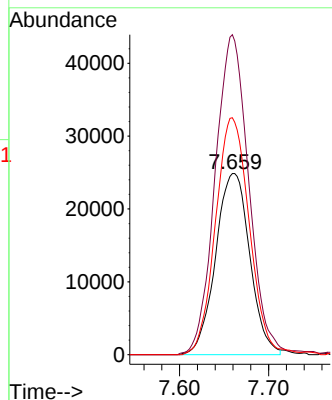
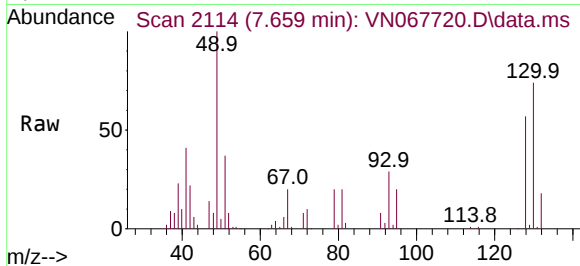




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.659 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

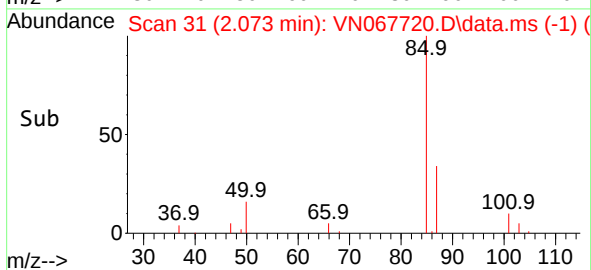
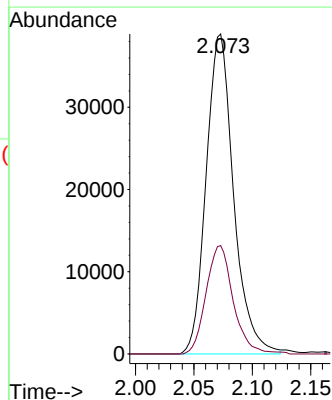
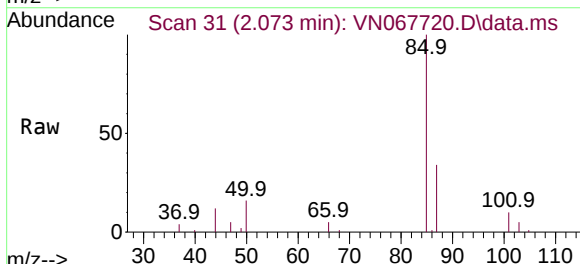
Instrument :  
MSVOA\_N  
ClientSampleId :

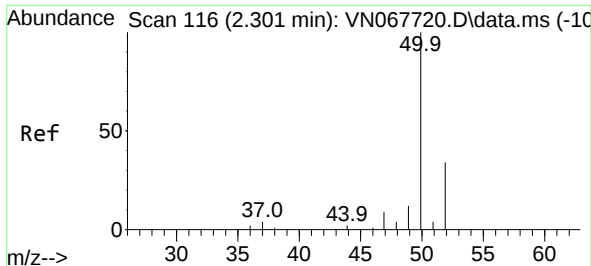
Tgt Ion:128 Resp: 66376  
Ion Ratio Lower Upper  
128 100  
49 173.2 0.0 433.0  
130 129.5 0.0 323.8



#2  
Dichlorodifluoromethane  
Concen: 18.678 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 85 Resp: 63615  
Ion Ratio Lower Upper  
85 100  
87 33.9 17.0 50.9

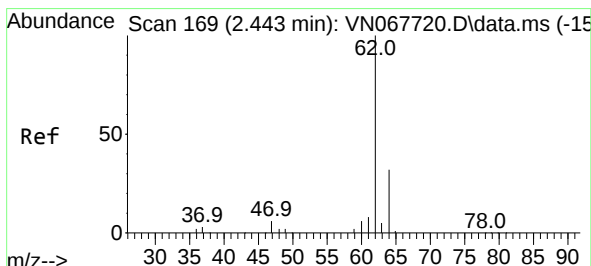
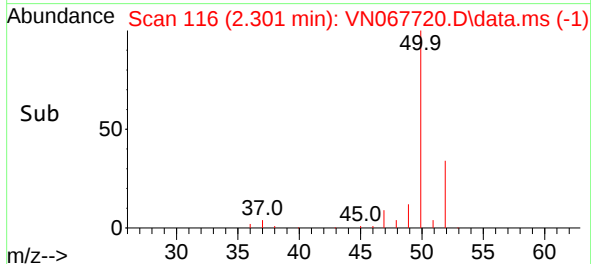
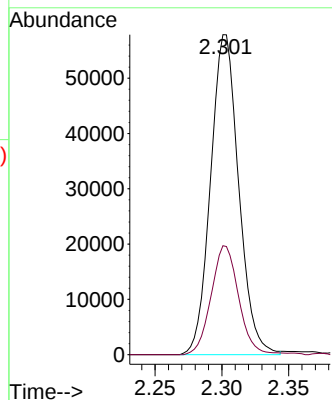
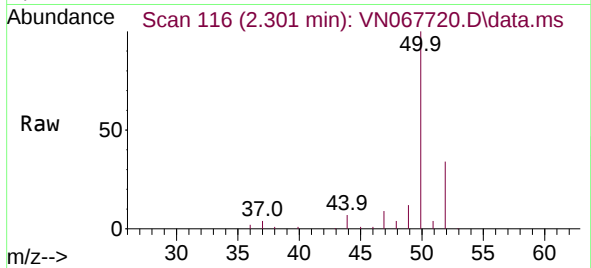




#3  
Chloromethane  
Concen: 19.964 ug/l  
RT: 2.301 min Scan# 116  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

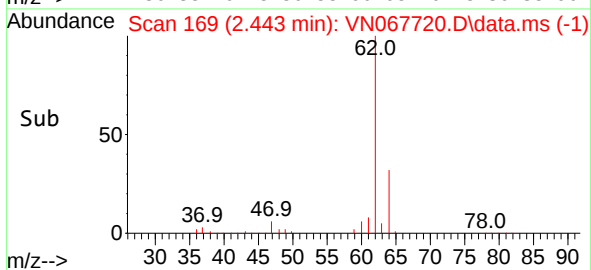
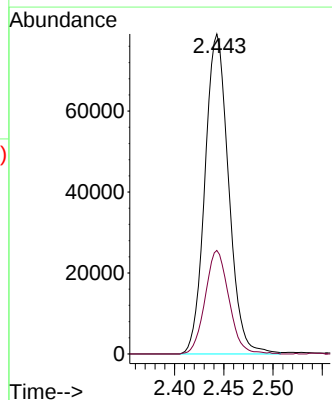
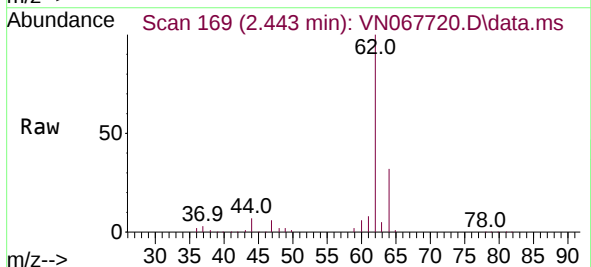
Instrument :  
MSVOA\_N  
ClientSampled :

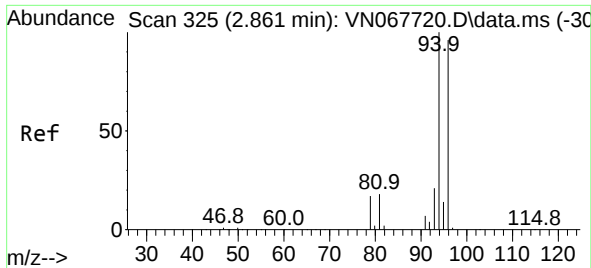
Tgt Ion: 50 Resp: 84867  
Ion Ratio Lower Upper  
50 100  
52 34.0 27.2 40.8



#4  
Vinyl Chloride  
Concen: 20.233 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 62 Resp: 132344  
Ion Ratio Lower Upper  
62 100  
64 32.4 25.9 38.9

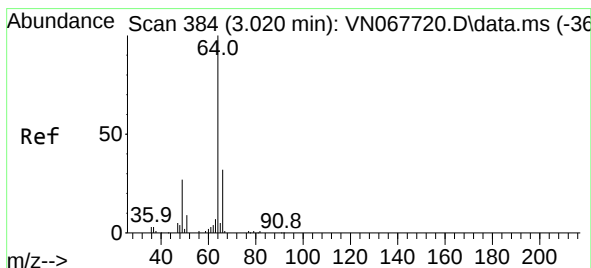
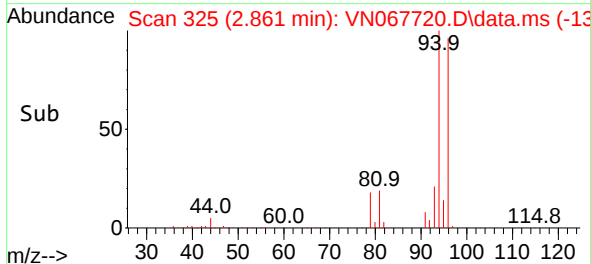
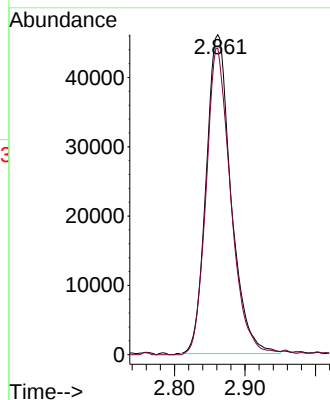
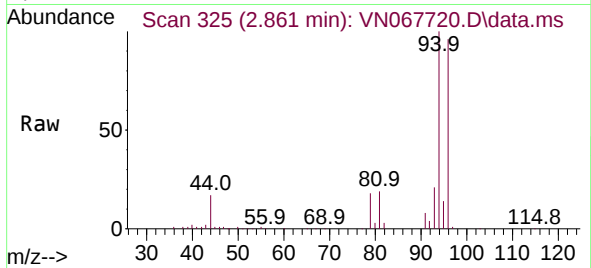




#5  
Bromomethane  
Concen: 20.575 ug/l  
RT: 2.861 min Scan# 325  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

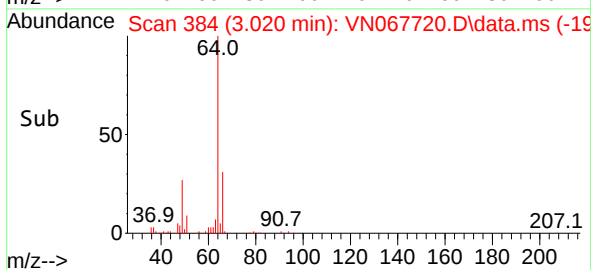
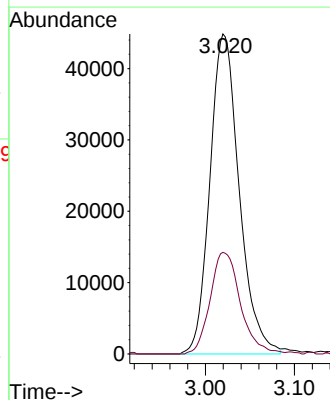
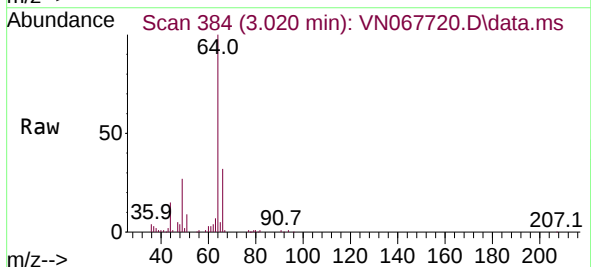
Instrument :  
MSVOA\_N  
ClientSampled :

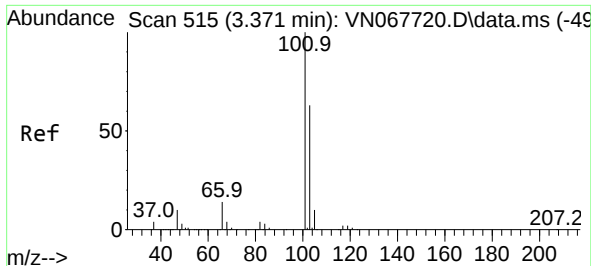
Tgt Ion: 94 Resp: 113039  
Ion Ratio Lower Upper  
94 100  
96 96.1 76.9 115.3



#6  
Chloroethane  
Concen: 21.253 ug/l  
RT: 3.020 min Scan# 384  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 64 Resp: 102546  
Ion Ratio Lower Upper  
64 100  
66 31.7 25.4 38.0

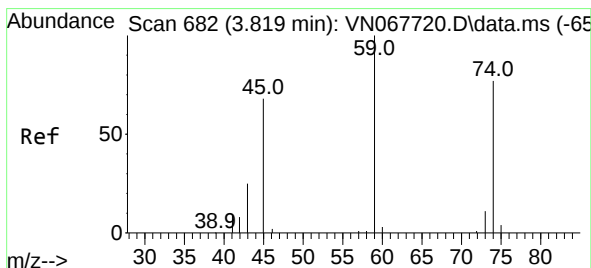
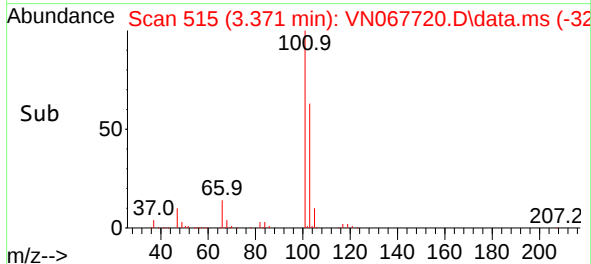
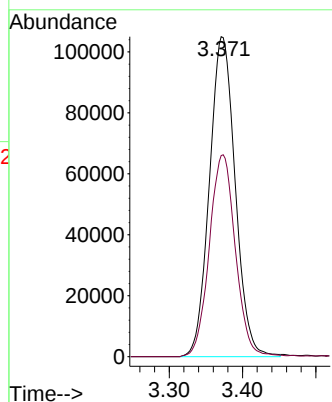
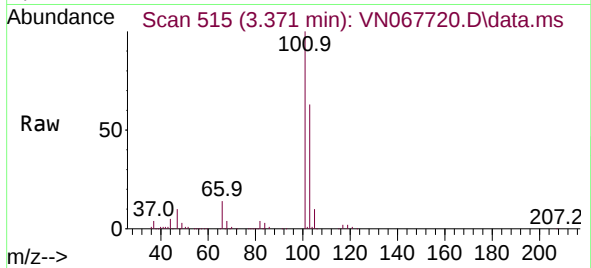




#7  
Trichlorofluoromethane  
Concen: 20.847 ug/l  
RT: 3.371 min Scan# 515  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

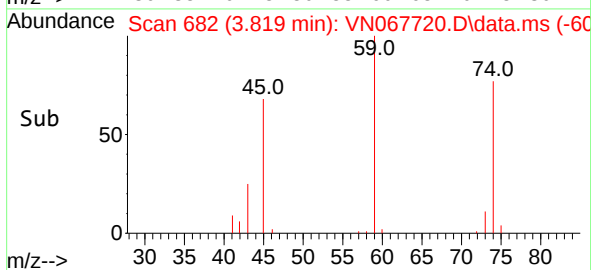
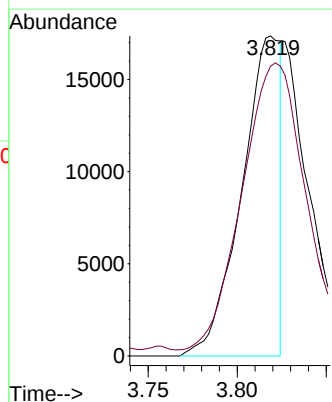
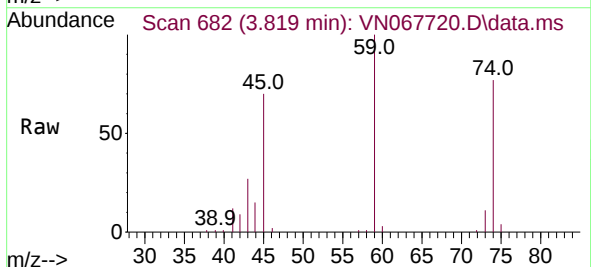
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MSVOA\_N  
ClientSampleId :

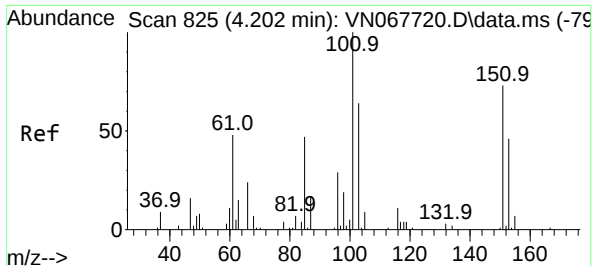
Tgt Ion:101 Resp: 256626  
Ion Ratio Lower Upper  
101 100  
103 62.9 50.3 75.5



#8  
Diethyl Ether  
Concen: 11.527 ug/l  
RT: 3.819 min Scan# 682  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 74 Resp: 26225  
Ion Ratio Lower Upper  
74 100  
45 148.3 17.5 157.1

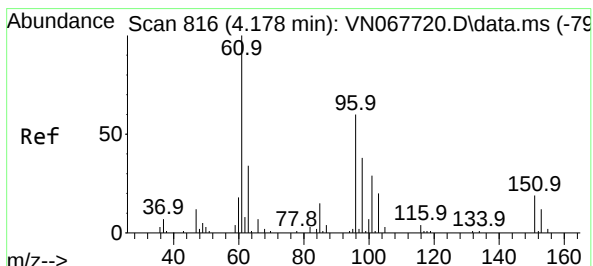
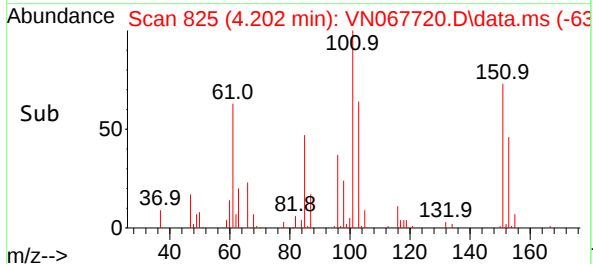
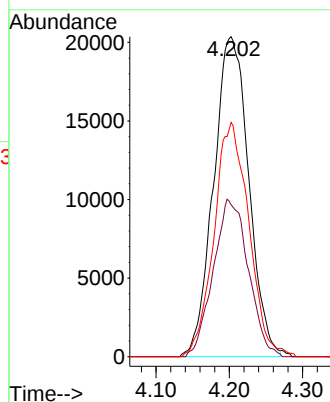
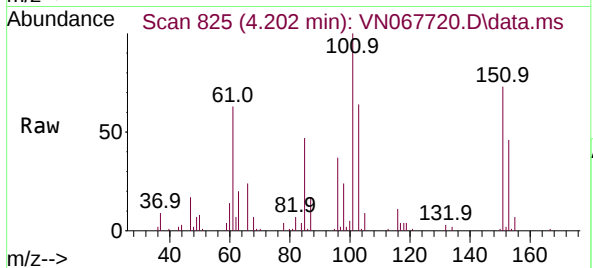




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.097 ug/l  
RT: 4.202 min Scan# 825  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

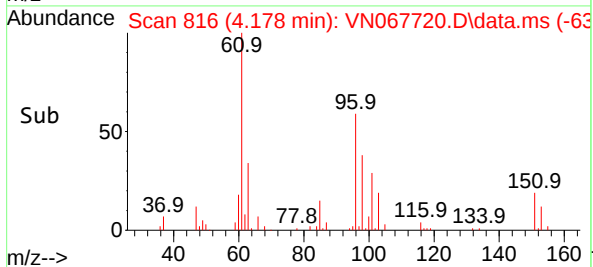
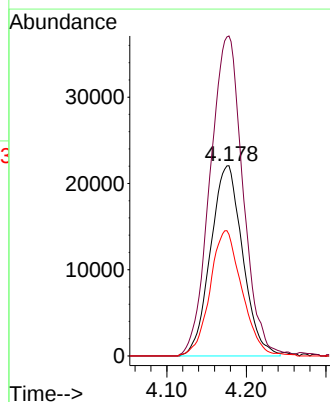
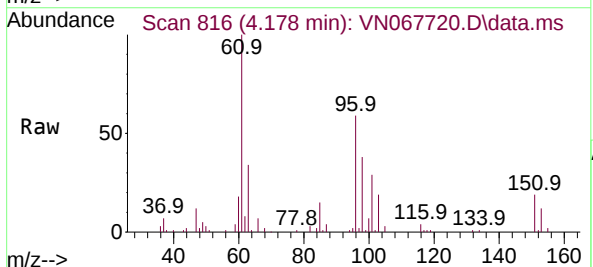
Instrument :  
MSVOA\_N  
ClientSampled :

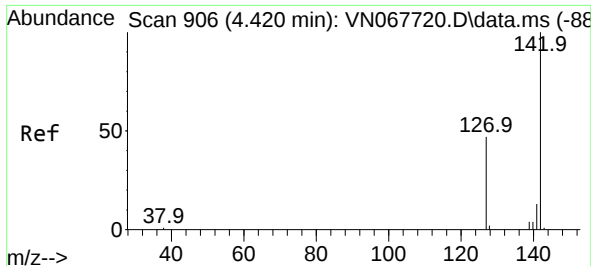
Tgt Ion:101 Resp: 67830  
Ion Ratio Lower Upper  
101 100  
85 49.0 0.0 98.0  
151 71.9 0.0 143.8



#10  
1,1-Dichloroethene  
Concen: 18.674 ug/l  
RT: 4.178 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 96 Resp: 61791  
Ion Ratio Lower Upper  
96 100  
61 167.4 133.9 200.9  
98 63.1 50.5 75.7

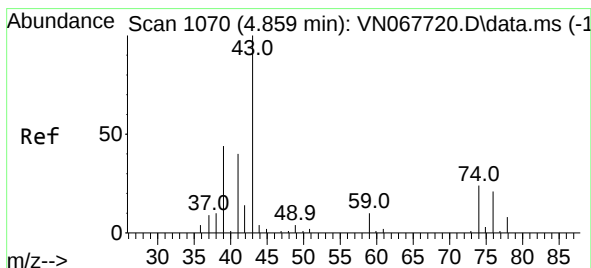
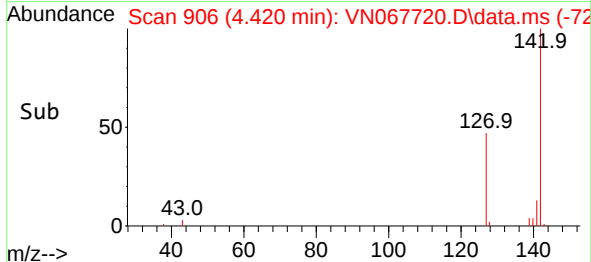
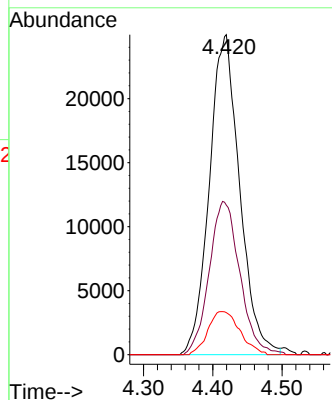
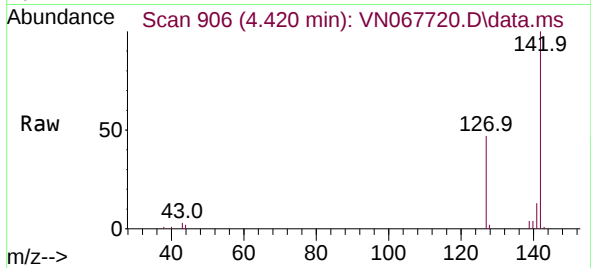




#11  
Methyl Iodide  
Concen: 17.743 ug/l  
RT: 4.420 min Scan# 906  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

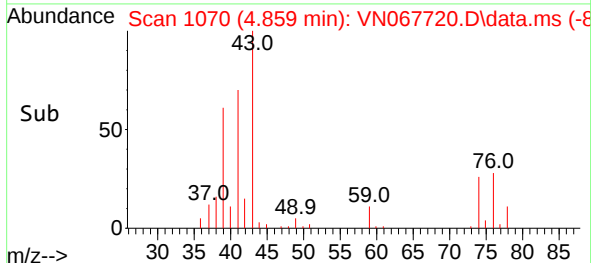
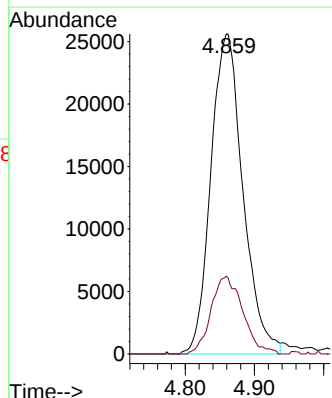
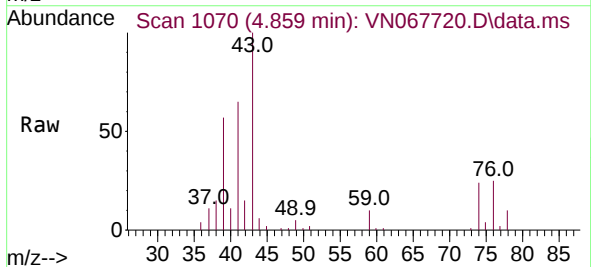
Instrument :  
MSVOA\_N  
ClientSampled :

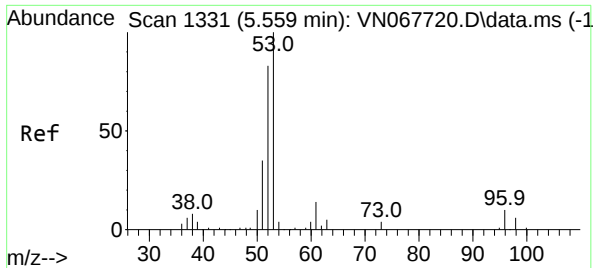
Tgt Ion:142 Resp: 75979  
Ion Ratio Lower Upper  
142 100  
127 46.8 23.4 70.2  
141 13.3 6.7 20.0



#12  
Methyl Acetate  
Concen: 18.576 ug/l  
RT: 4.859 min Scan# 1070  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 43 Resp: 82292  
Ion Ratio Lower Upper  
43 100  
74 24.7 19.8 29.6

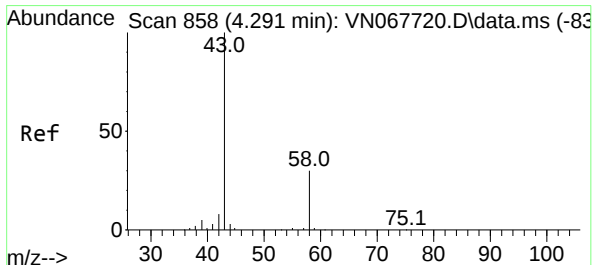
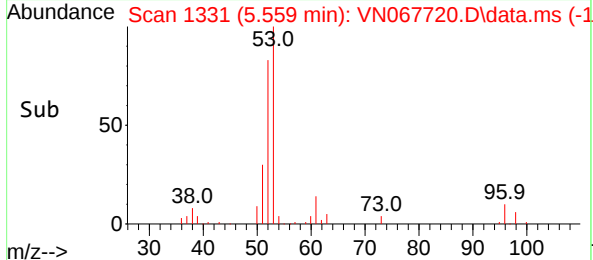
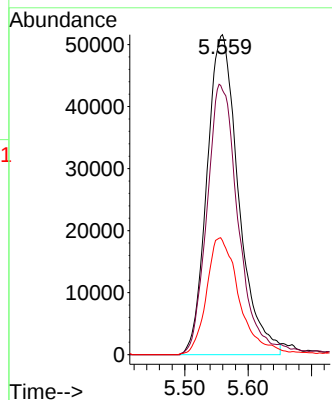
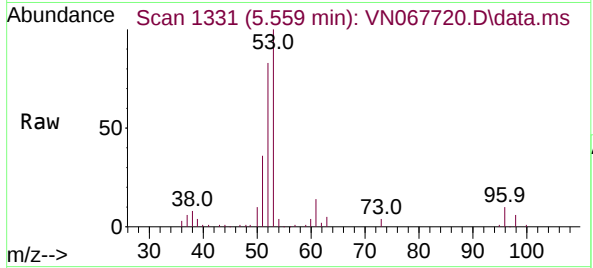




#14  
Acrylonitrile  
Concen: 93.436 ug/l  
RT: 5.559 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

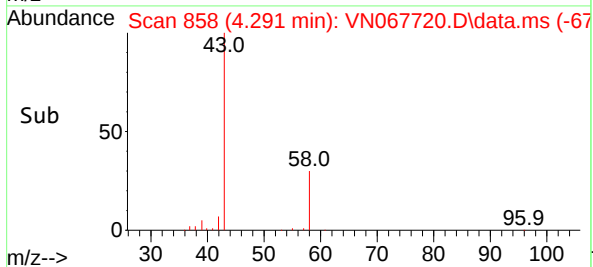
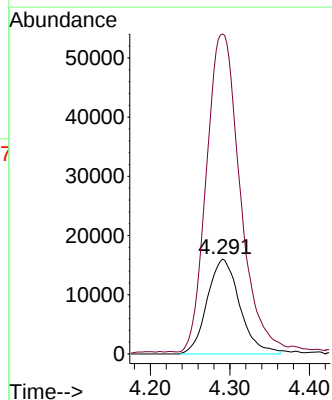
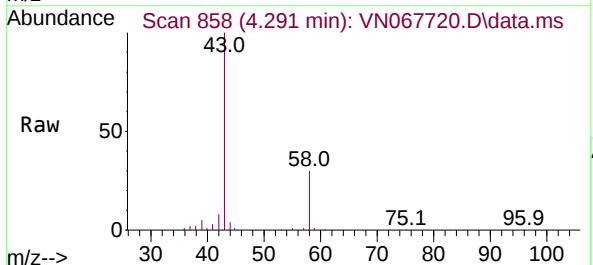
Instrument :  
MSVOA\_N  
ClientSampled :

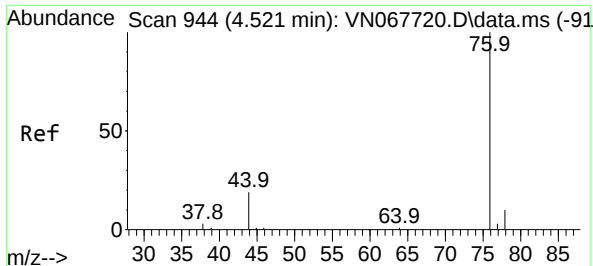
Tgt Ion: 53 Resp: 178787  
Ion Ratio Lower Upper  
53 100  
52 82.5 41.3 123.7  
51 36.7 18.4 55.0



#15  
Acetone  
Concen: 88.159 ug/l  
RT: 4.291 min Scan# 858  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 58 Resp: 45534  
Ion Ratio Lower Upper  
58 100  
43 335.3 268.2 402.4

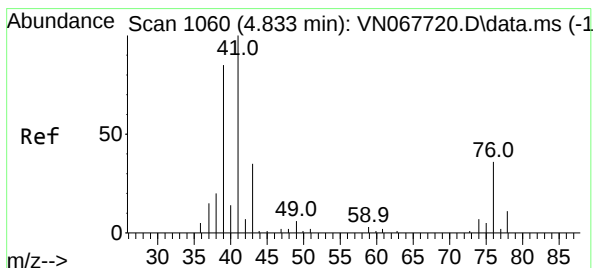
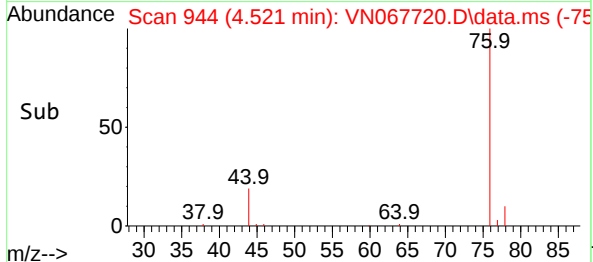
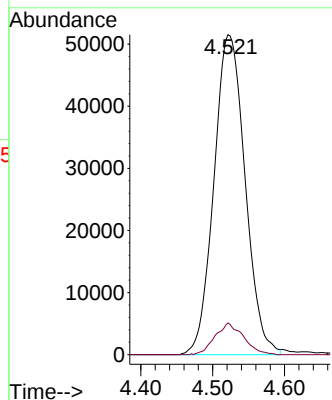
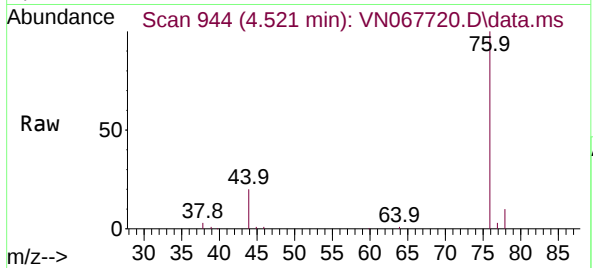




#16  
Carbon Disulfide  
Concen: 17.733 ug/l  
RT: 4.521 min Scan# 944  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

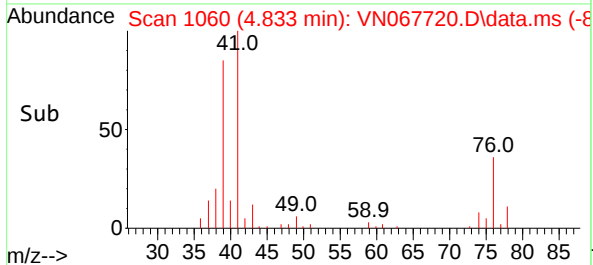
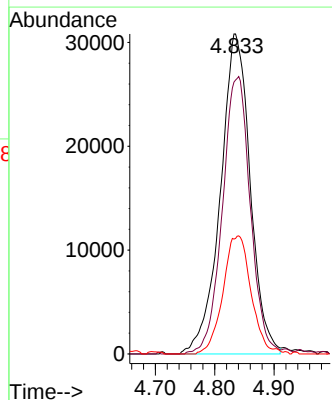
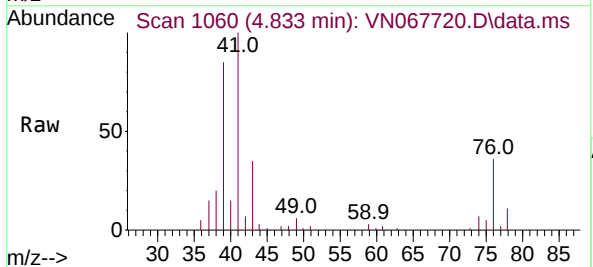
Instrument :  
MSVOA\_N  
ClientSampled :

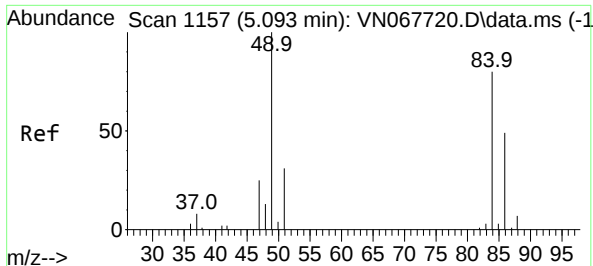
Tgt Ion: 76 Resp: 155221  
Ion Ratio Lower Upper  
76 100  
78 9.9 7.9 11.9



#17  
Allyl chloride  
Concen: 19.075 ug/l  
RT: 4.833 min Scan# 1060  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 41 Resp: 107653  
Ion Ratio Lower Upper  
41 100  
39 84.9 42.4 127.3  
76 35.9 17.9 53.8

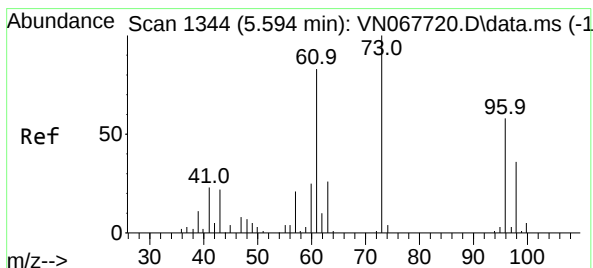
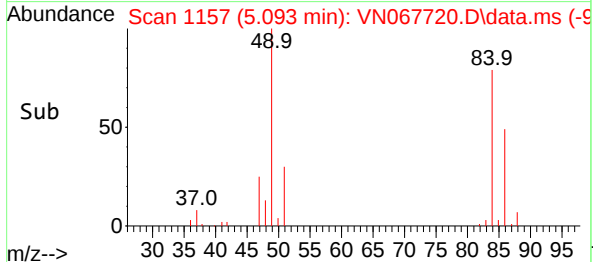
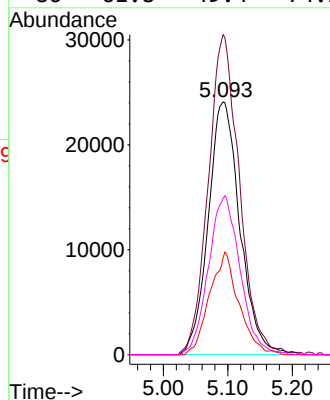
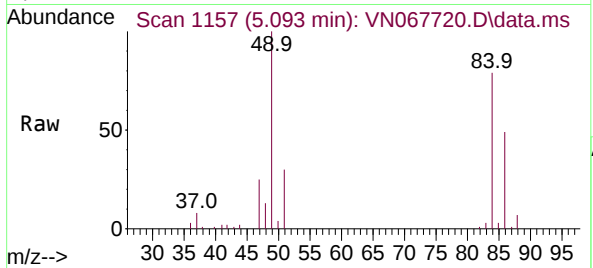




#18  
Methylene Chloride  
Concen: 18.991 ug/l  
RT: 5.093 min Scan# 1157  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

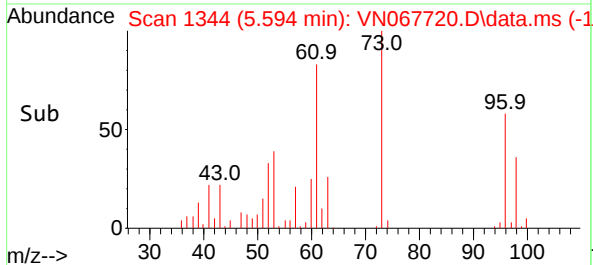
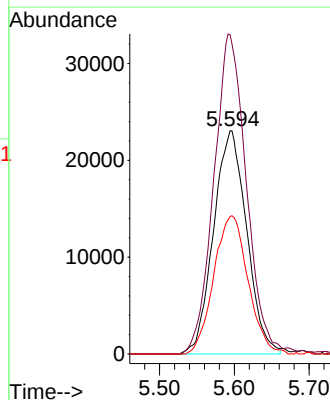
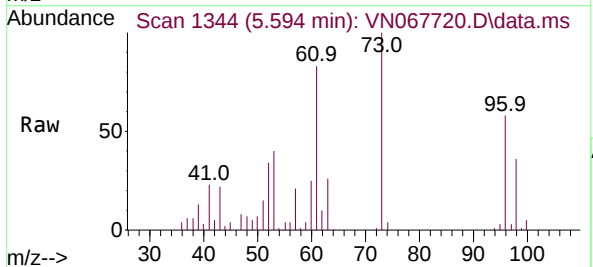
Instrument :  
MSVOA\_N  
ClientSampled :

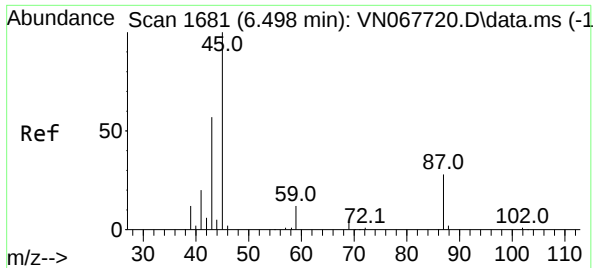
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 81843 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 125.6 | 100.5 | 150.7 |
| 51       | 38.4  | 30.7  | 46.1  |
| 86       | 61.8  | 49.4  | 74.2  |



#19  
trans-1,2-Dichloroethene  
Concen: 18.313 ug/l  
RT: 5.594 min Scan# 1344  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 70942 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 142.9 | 114.3 | 171.5 |
| 98       | 61.6  | 49.3  | 73.9  |



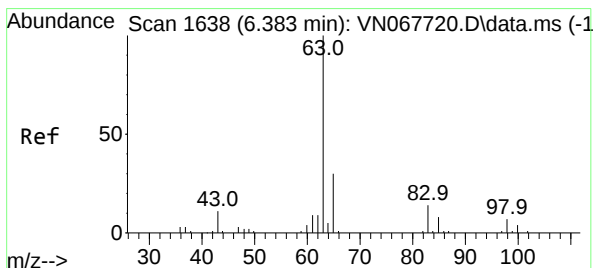
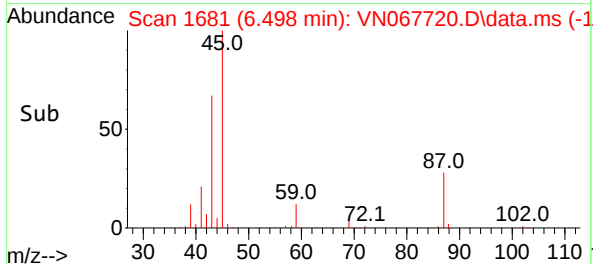
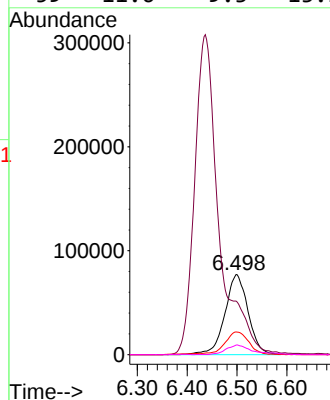
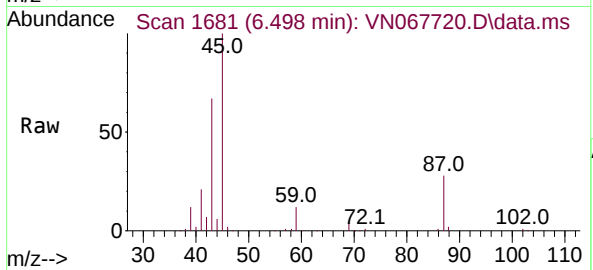


#20  
Diisopropyl ether  
Concen: 18.833 ug/l  
RT: 6.498 min Scan# 1681  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 45 Resp: 249725

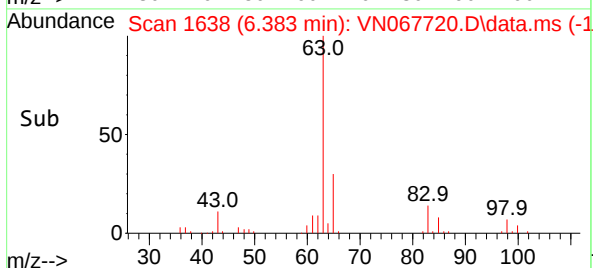
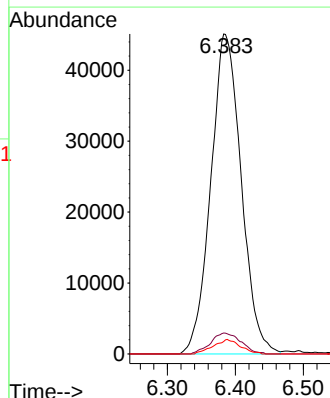
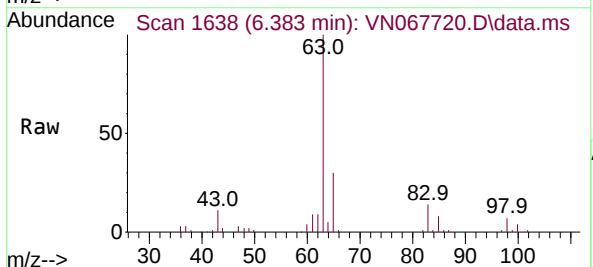
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 64.7  | 51.8  | 77.6  |
| 87  | 28.1  | 22.5  | 33.7  |
| 59  | 11.6  | 9.3   | 13.9  |

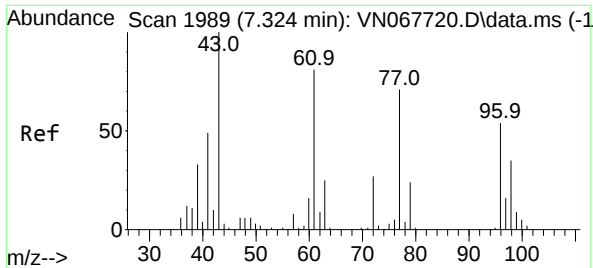


#21  
1,1-Dichloroethane  
Concen: 19.119 ug/l  
RT: 6.383 min Scan# 1638  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 63 Resp: 140220

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 6.5   | 3.3   | 9.8   |
| 100 | 3.9   | 2.0   | 5.8   |



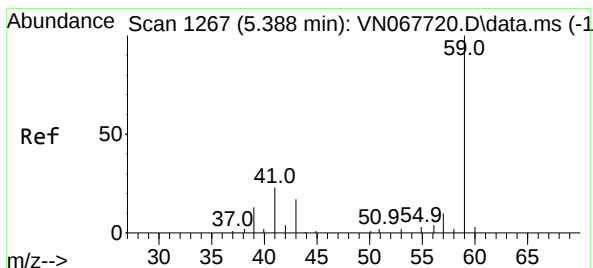
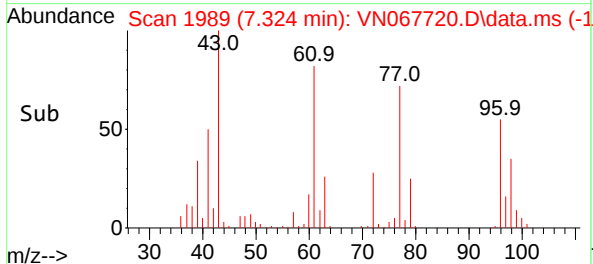
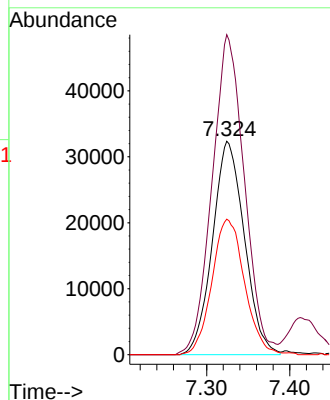
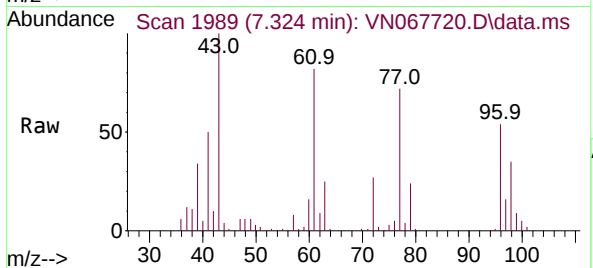


#22

cis-1,2-Dichloroethene  
Concen: 18.395 ug/l  
RT: 7.324 min Scan# 1989  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Instrument :  
MSVOA\_N  
ClientSampleId :

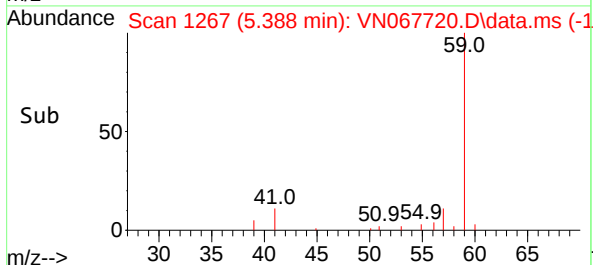
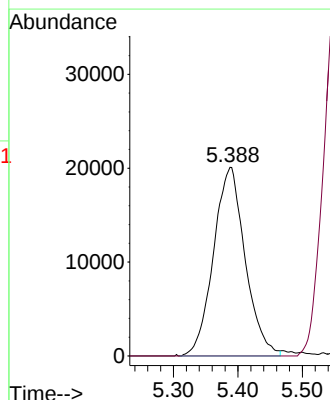
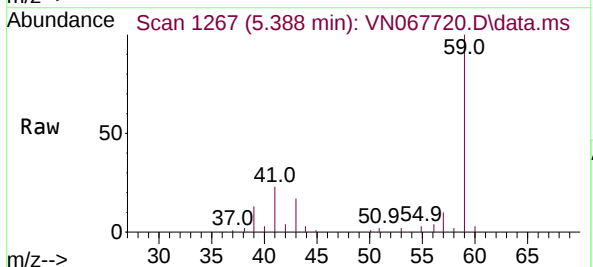
Tgt Ion: 96 Resp: 86310  
Ion Ratio Lower Upper  
96 100  
61 151.5 121.2 181.8  
98 64.8 51.8 77.8

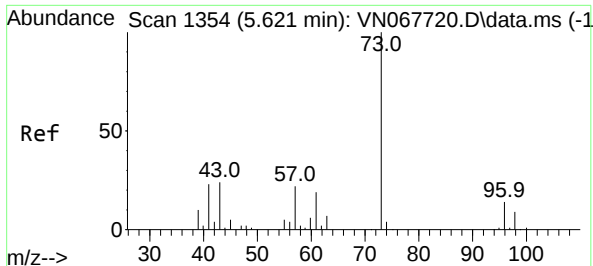


#23

tert-Butyl Alcohol  
Concen: 91.224 ug/l  
RT: 5.388 min Scan# 1267  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 59 Resp: 68516  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0

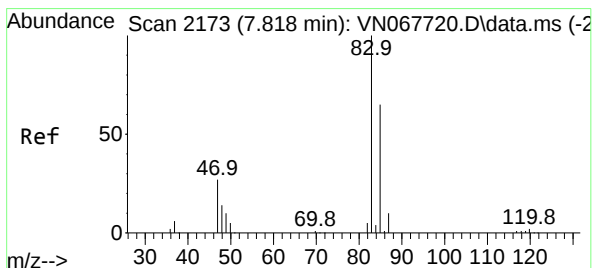
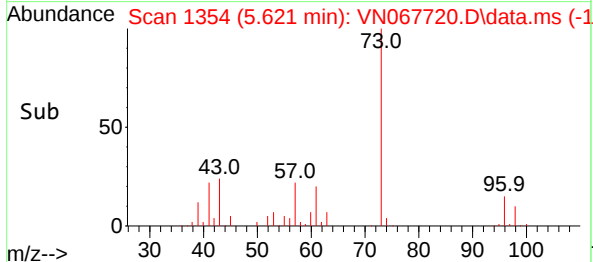
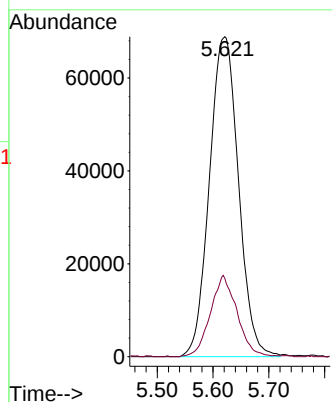
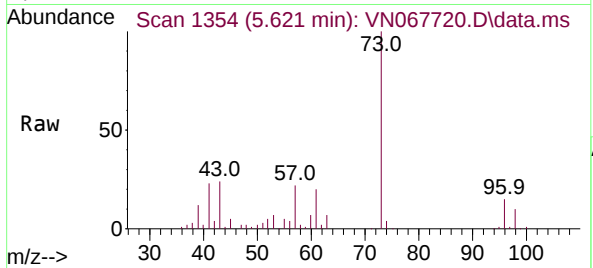




#24  
Methyl tert-Butyl Ether  
Concen: 18.823 ug/l  
RT: 5.621 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

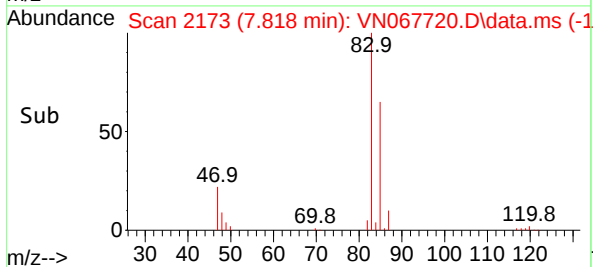
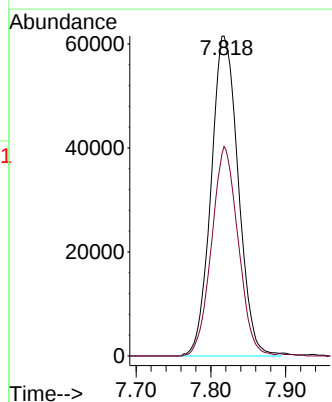
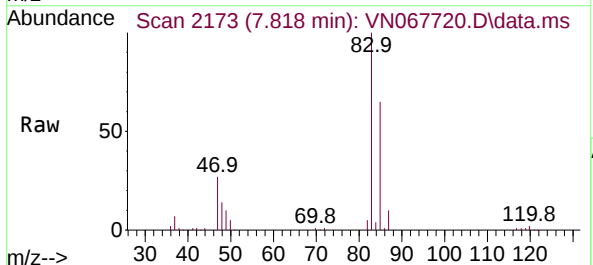
Instrument :  
MSVOA\_N  
ClientSampleId :

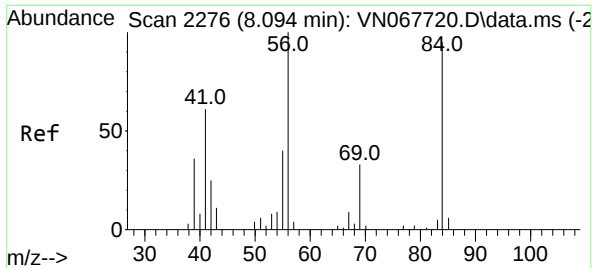
Tgt Ion: 73 Resp: 249338  
Ion Ratio Lower Upper  
73 100  
43 23.2 18.6 27.8



#25  
Chloroform  
Concen: 19.126 ug/l  
RT: 7.818 min Scan# 2173  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 83 Resp: 155424  
Ion Ratio Lower Upper  
83 100  
85 65.4 52.3 78.5

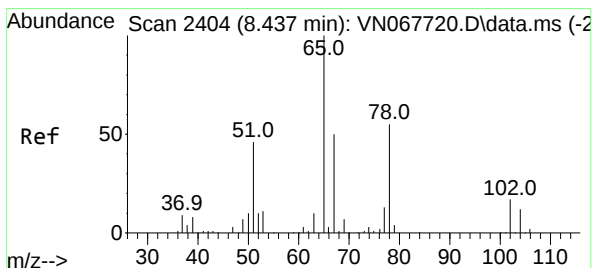
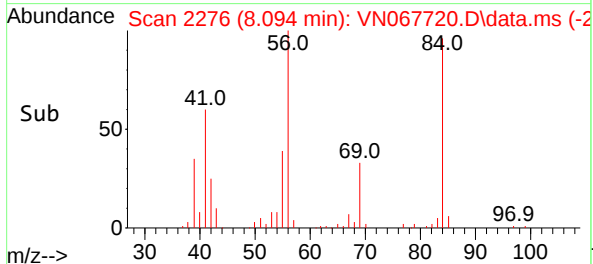
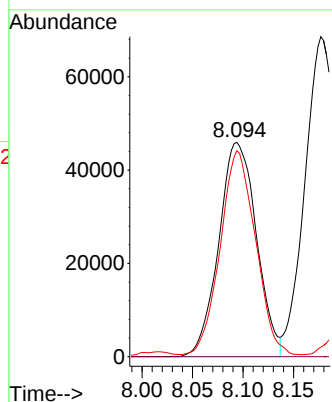
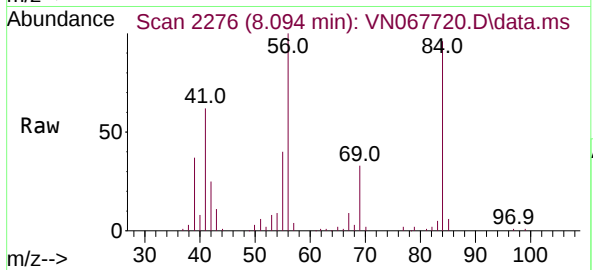




#26  
Cyclohexane  
Concen: 18.599 ug/l  
RT: 8.094 min Scan# 2276  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

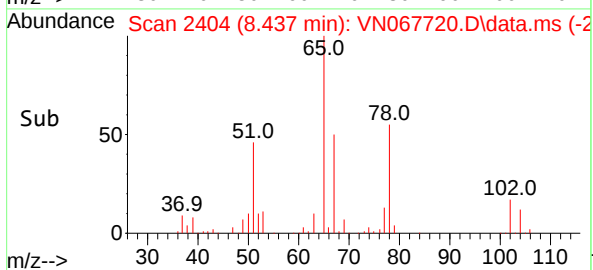
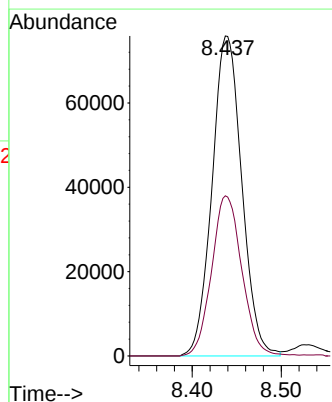
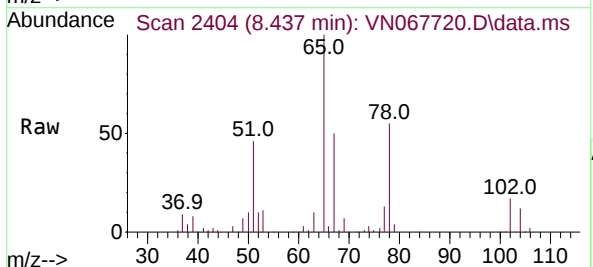
Instrument :  
MSVOA\_N  
ClientSampleId :

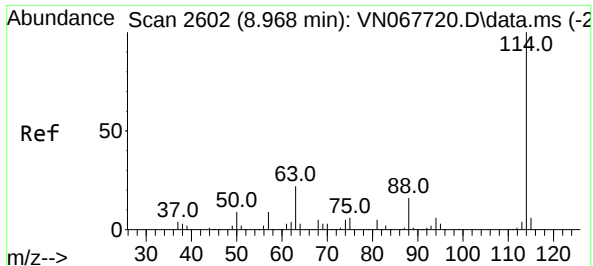
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 56    | Resp: | 119295 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 89        | 0.0   | 0.0   | 0.0    |
| 84        | 89.2  | 71.4  | 107.0  |



#27  
1,2-Dichloroethane-d4  
Concen: 33.253 ug/l  
RT: 8.437 min Scan# 2404  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 176386 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 67        | 50.7  | 40.6  | 60.8   |



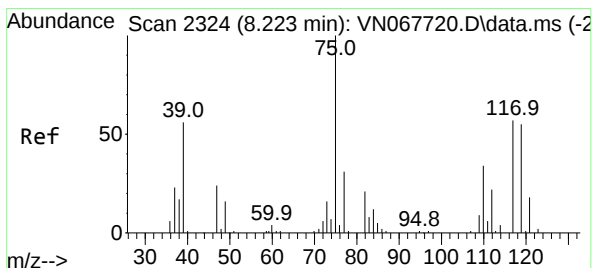
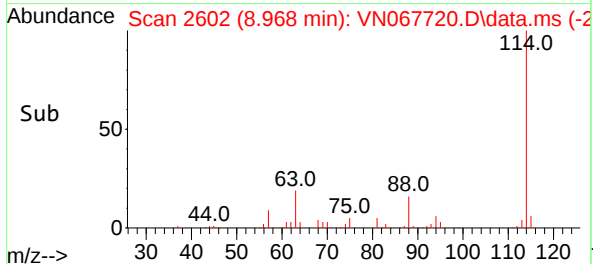
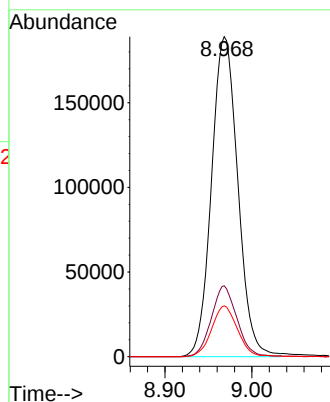
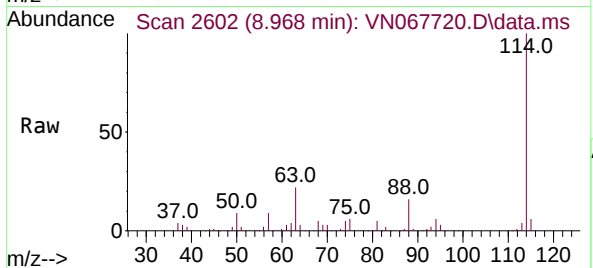


#28

1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Instrument :  
MSVOA\_N  
ClientSampled :

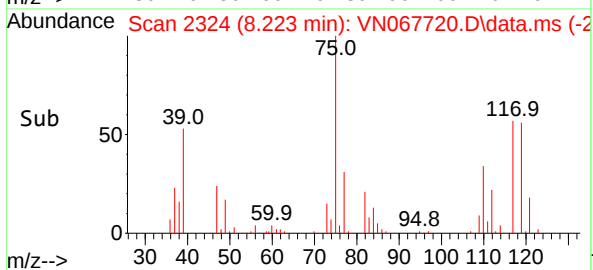
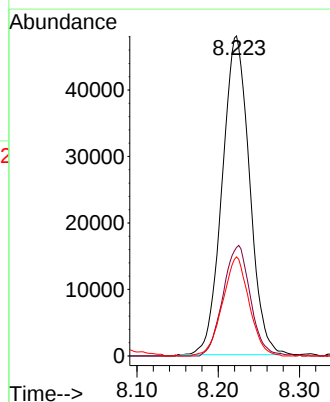
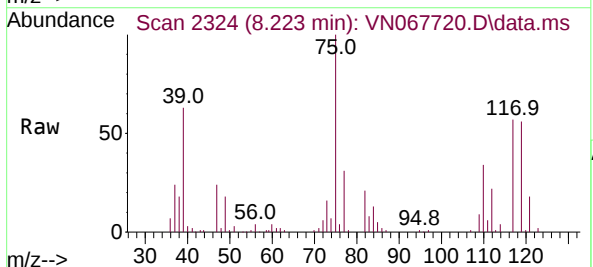
Tgt Ion:114 Resp: 397684  
Ion Ratio Lower Upper  
114 100  
63 21.5 17.2 25.8  
88 15.5 12.4 18.6

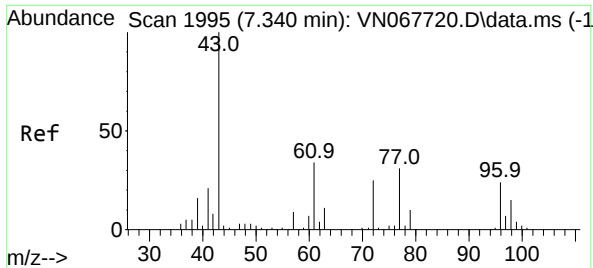


#29

1,1-Dichloropropene  
Concen: 18.099 ug/l  
RT: 8.223 min Scan# 2324  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 75 Resp: 111748  
Ion Ratio Lower Upper  
75 100  
110 34.6 0.0 69.2  
77 30.2 0.0 60.4

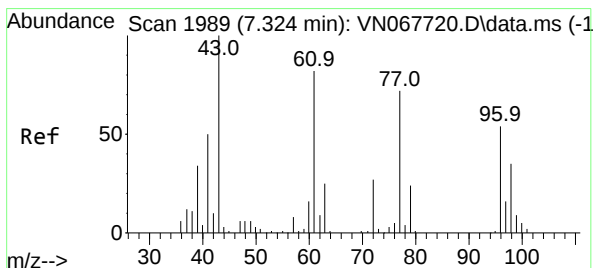
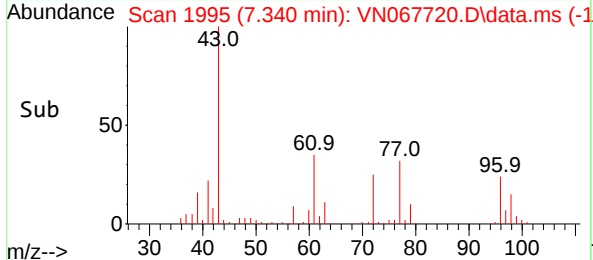
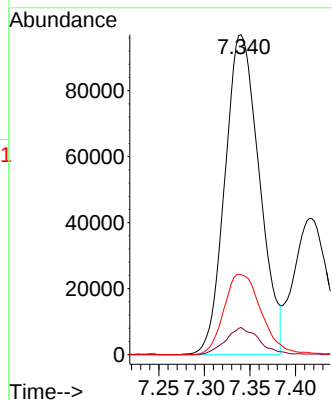
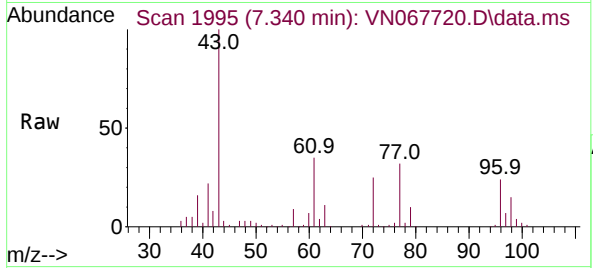




#30  
2-Butanone  
Concen: 88.245 ug/l  
RT: 7.340 min Scan# 1995  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

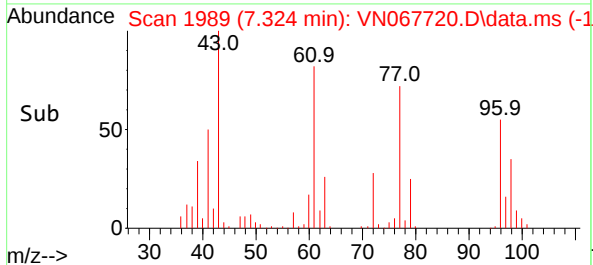
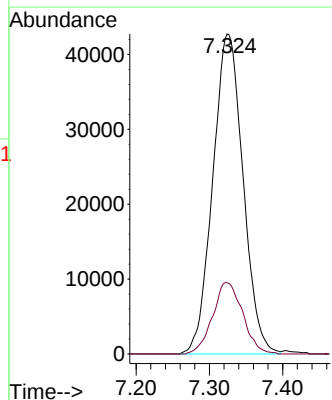
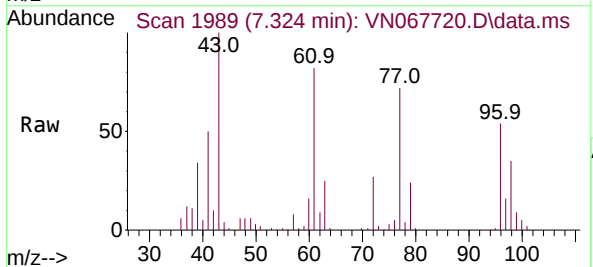
Instrument :  
MSVOA\_N  
ClientSampleId :

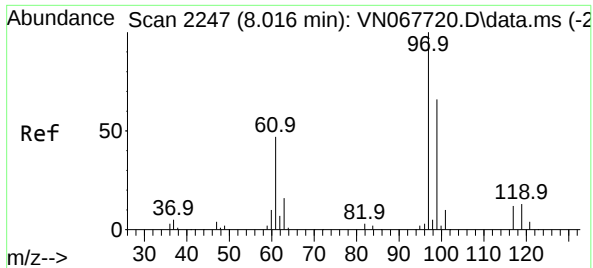
Tgt Ion: 43 Resp: 254998  
Ion Ratio Lower Upper  
43 100  
57 8.2 6.6 9.8  
72 27.2 21.8 32.6



#31  
2,2-Dichloropropane  
Concen: 17.352 ug/l  
RT: 7.324 min Scan# 1989  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 77 Resp: 122691  
Ion Ratio Lower Upper  
77 100  
97 22.2 17.8 26.6

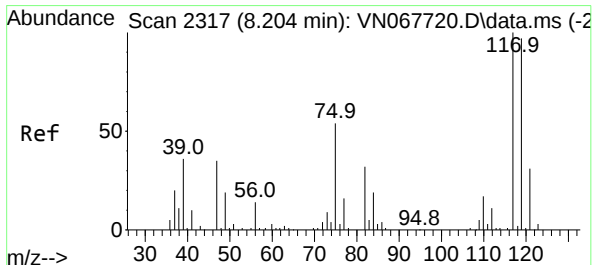
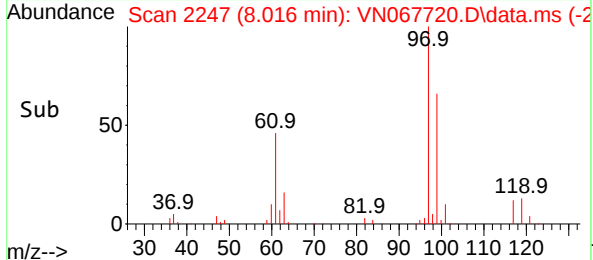
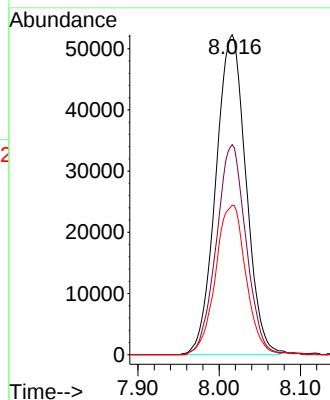
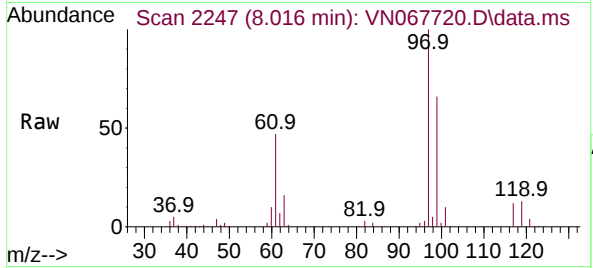




#32  
1,1,1-Trichloroethane  
Concen: 17.744 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

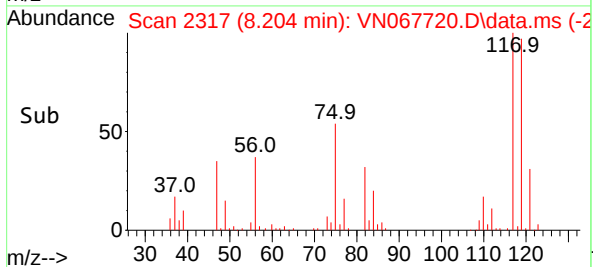
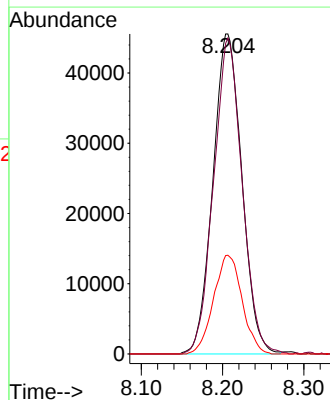
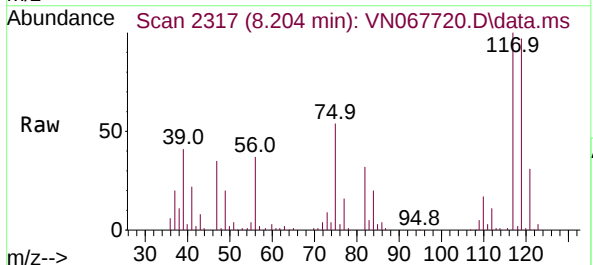
Instrument :  
MSVOA\_N  
ClientSampleId :

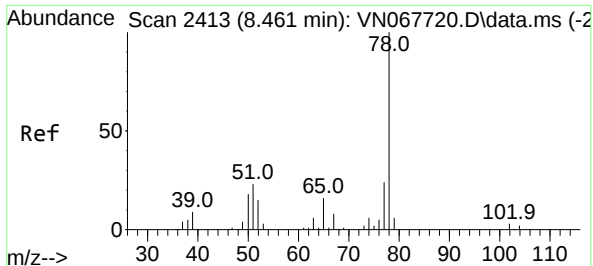
Tgt Ion: 97 Resp: 134700  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.6 77.4  
61 47.0 37.6 56.4



#33  
Carbon Tetrachloride  
Concen: 17.425 ug/l  
RT: 8.204 min Scan# 2317  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 117 Resp: 112821  
Ion Ratio Lower Upper  
117 100  
119 97.0 77.6 116.4  
121 30.7 24.6 36.8

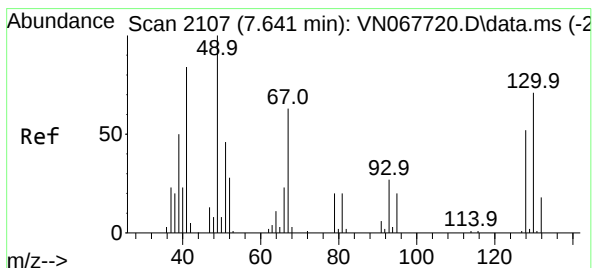
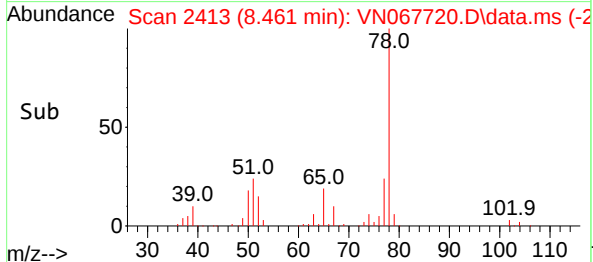
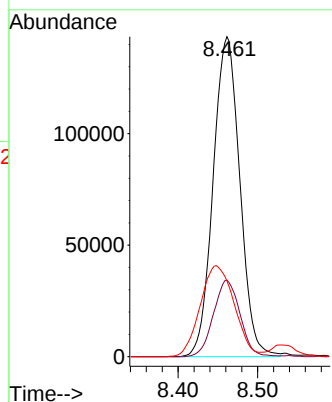
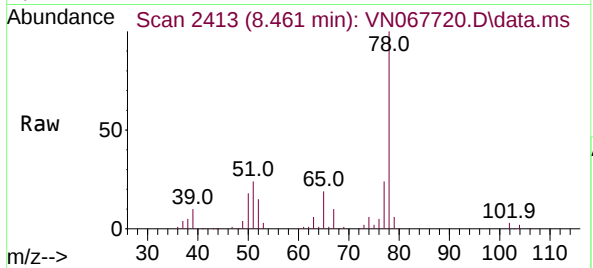




#34  
Benzene  
Concen: 18.033 ug/l  
RT: 8.461 min Scan# 2413  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

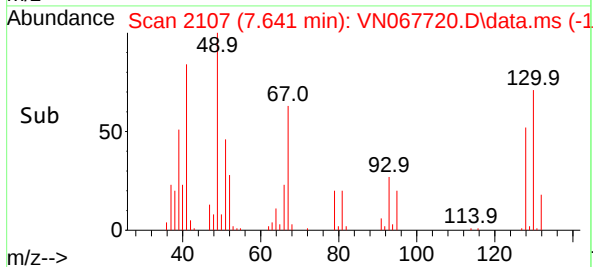
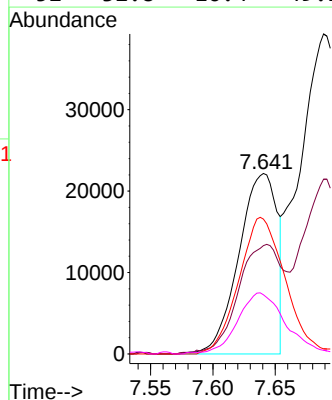
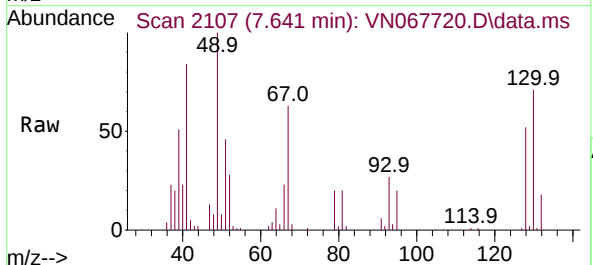
Instrument :  
MSVOA\_N  
ClientSampled :

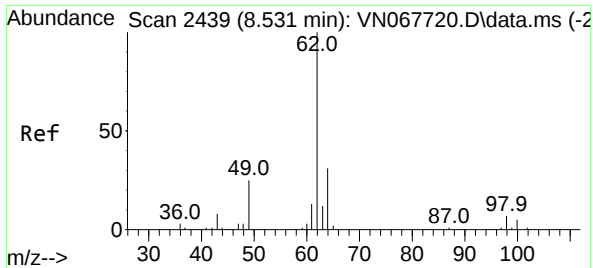
Tgt Ion: 78 Resp: 334610  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.1 28.7  
51 22.8 18.2 27.4



#35  
Methacrylonitrile  
Concen: 16.112 ug/l  
RT: 7.641 min Scan# 2107  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 41 Resp: 47565  
Ion Ratio Lower Upper  
41 100  
39 59.3 29.6 88.9  
67 74.8 37.4 112.2  
52 32.8 16.4 49.2

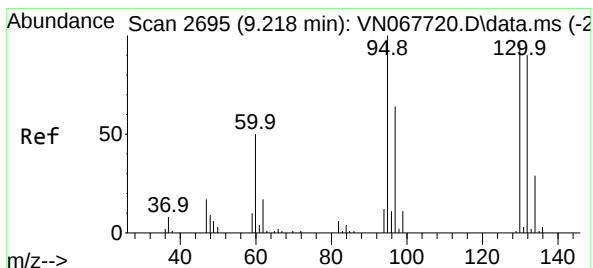
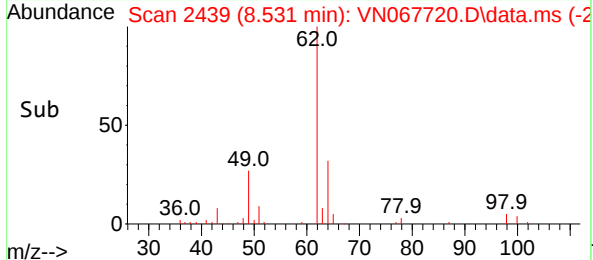
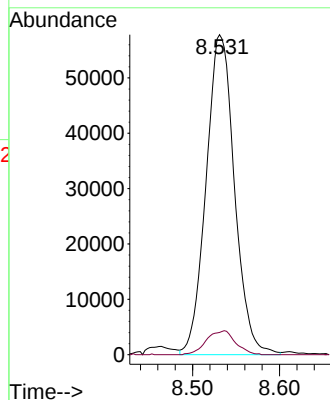
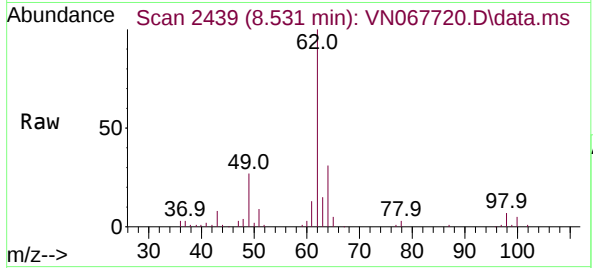




#36  
1,2-Dichloroethane  
Concen: 19.257 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

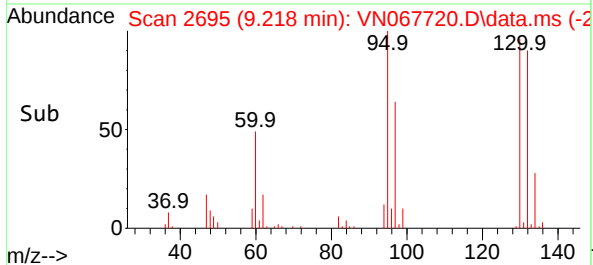
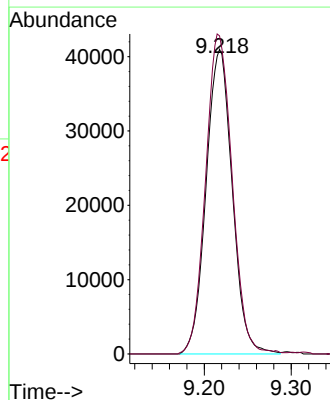
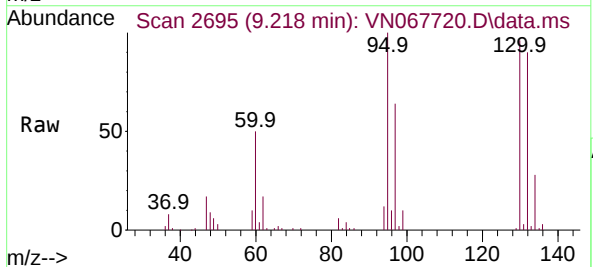
Instrument :  
MSVOA\_N  
ClientSampled :

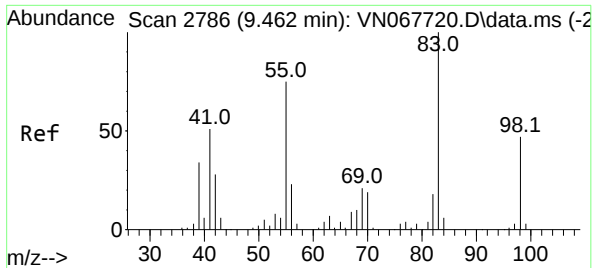
Tgt Ion: 62 Resp: 131382  
Ion Ratio Lower Upper  
62 100  
98 7.7 6.2 9.2



#37  
Trichloroethene  
Concen: 17.663 ug/l  
RT: 9.218 min Scan# 2695  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion:130 Resp: 85735  
Ion Ratio Lower Upper  
130 100  
95 104.0 83.2 124.8





#38

Methylcyclohexane

Concen: 17.702 ug/l

RT: 9.462 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN067720.D

Acq: 13 Jul 2021 16:35

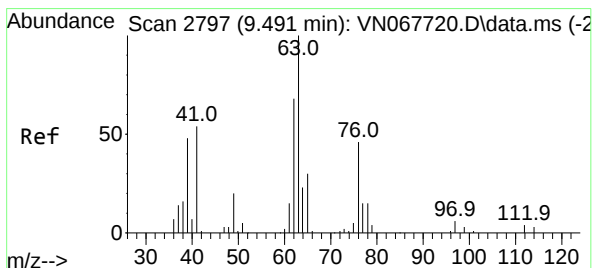
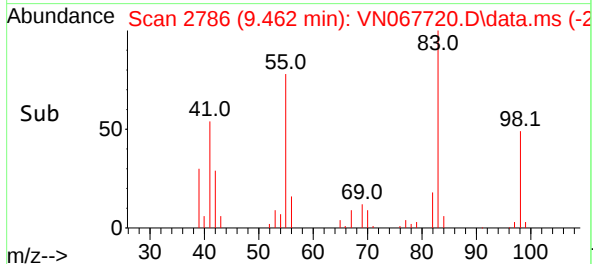
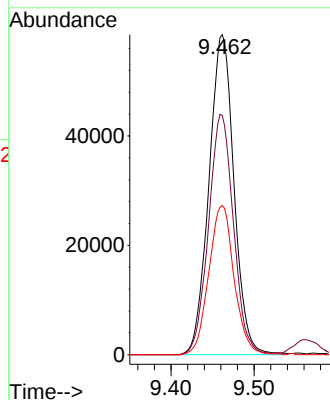
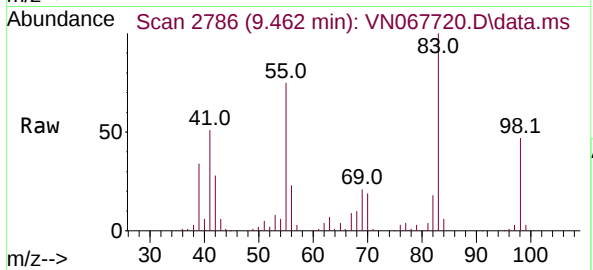
Tgt Ion: 83 Resp: 122555

Ion Ratio Lower Upper

83 100

55 74.8 37.4 112.2

98 47.1 23.5 70.6



#39

1,2-Dichloropropane

Concen: 18.199 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VN067720.D

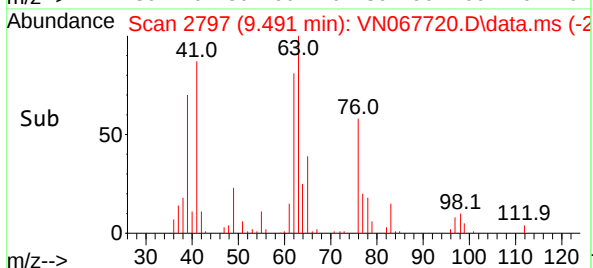
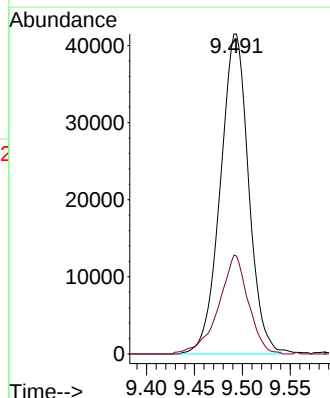
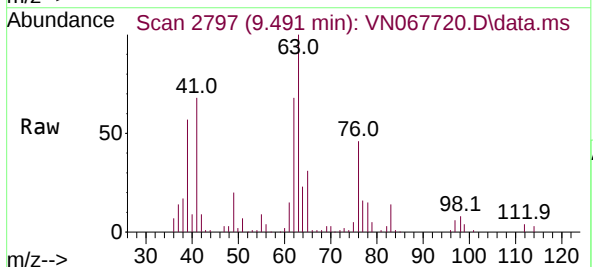
Acq: 13 Jul 2021 16:35

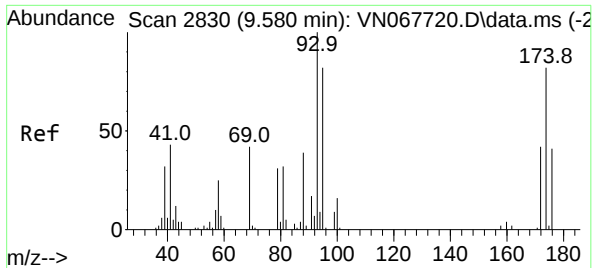
Tgt Ion: 63 Resp: 85034

Ion Ratio Lower Upper

63 100

65 30.4 24.3 36.5

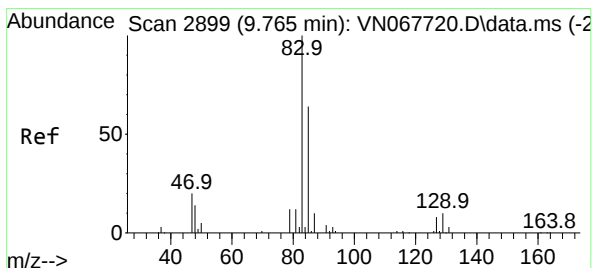
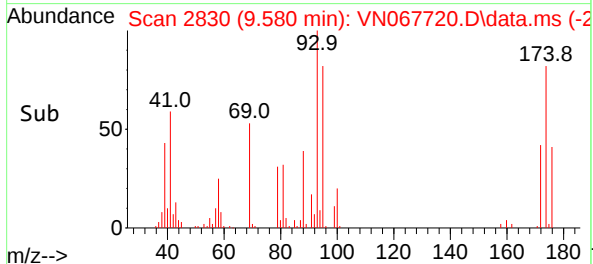
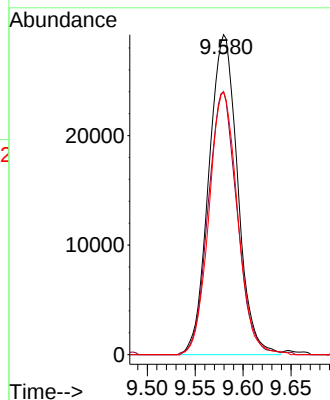
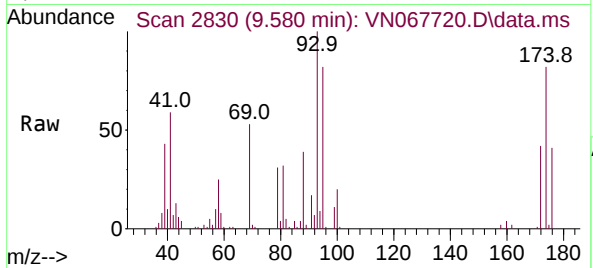




#40  
Dibromomethane  
Concen: 17.794 ug/l  
RT: 9.580 min Scan# 2830  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

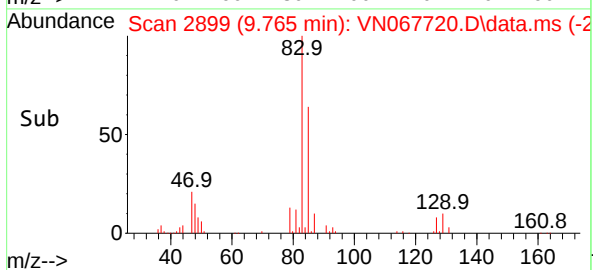
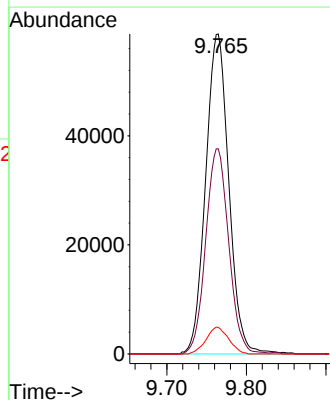
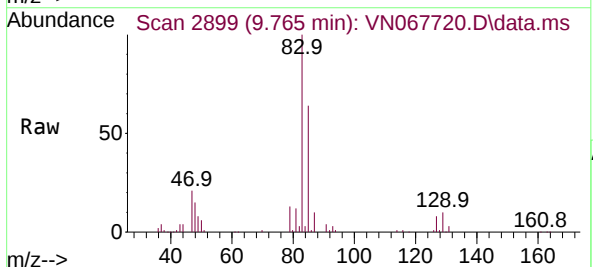
Instrument :  
MSVOA\_N  
ClientSampled :

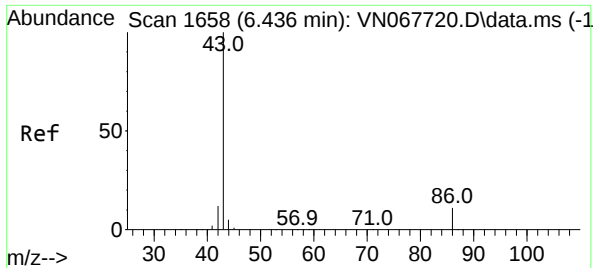
Tgt Ion: 93 Resp: 61061  
Ion Ratio Lower Upper  
93 100  
95 82.7 0.0 165.4  
174 81.5 0.0 163.0



#41  
Bromodichloromethane  
Concen: 17.864 ug/l  
RT: 9.765 min Scan# 2899  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 83 Resp: 118763  
Ion Ratio Lower Upper  
83 100  
85 64.1 51.3 76.9  
127 8.3 6.6 10.0

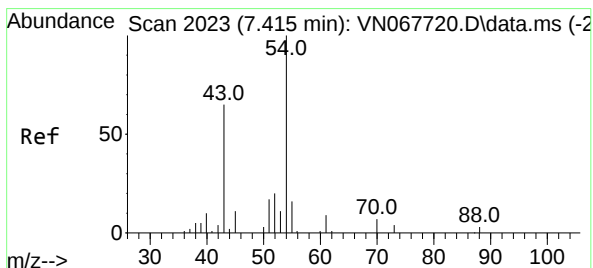
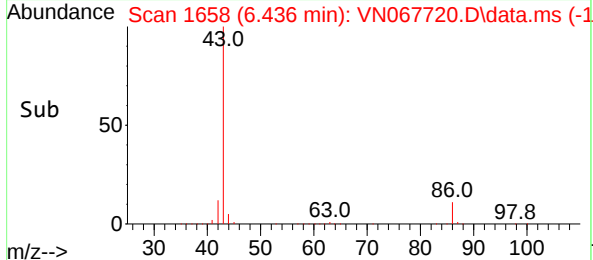
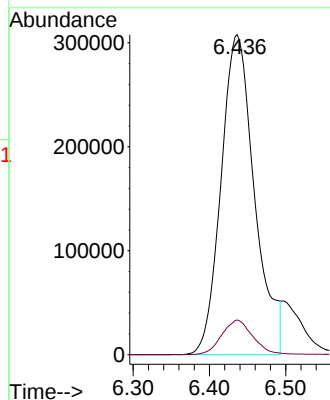
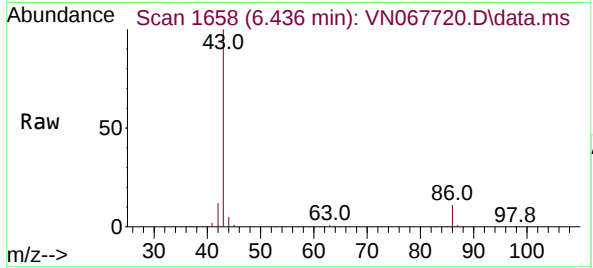




#42  
 Vinyl Acetate  
 Concen: 81.217 ug/l  
 RT: 6.436 min Scan# 1658  
 Delta R.T. 0.000 min  
 Lab File: VN067720.D  
 Acq: 13 Jul 2021 16:35

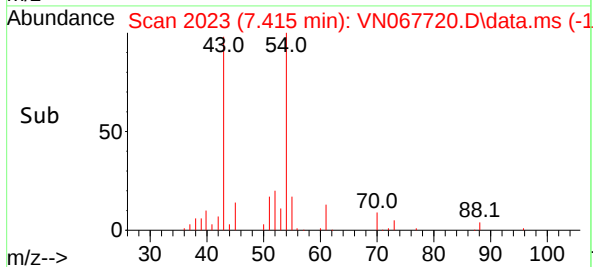
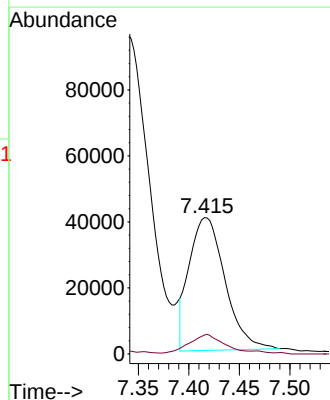
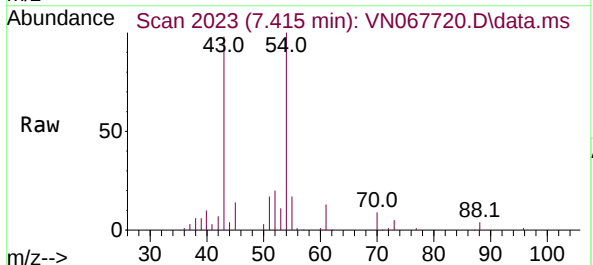
Instrument :  
 MSVOA\_N  
 ClientSampled :

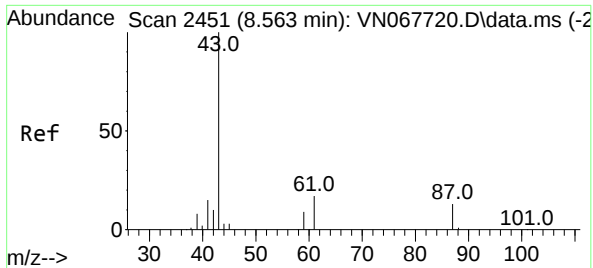
Tgt Ion: 43 Resp: 939179  
 Ion Ratio Lower Upper  
 43 100  
 86 10.2 8.2 12.2



#43  
 Ethyl Acetate  
 Concen: 16.459 ug/l  
 RT: 7.415 min Scan# 2023  
 Delta R.T. 0.000 min  
 Lab File: VN067720.D  
 Acq: 13 Jul 2021 16:35

Tgt Ion: 43 Resp: 99300  
 Ion Ratio Lower Upper  
 43 100  
 45 13.1 10.5 15.7

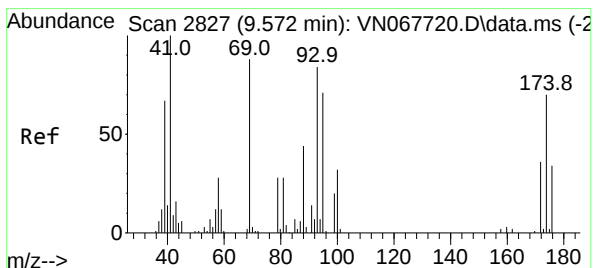
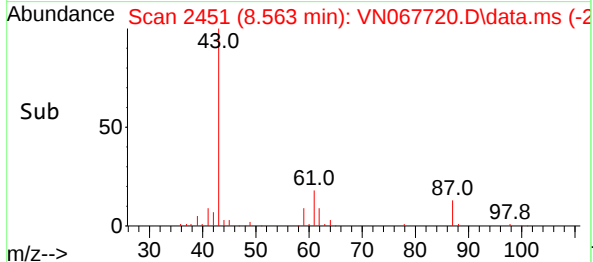
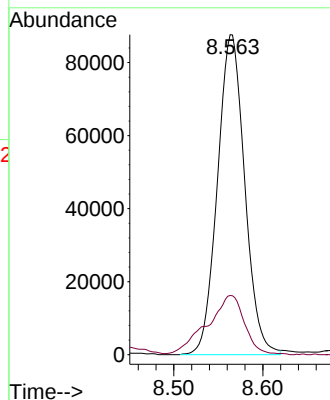
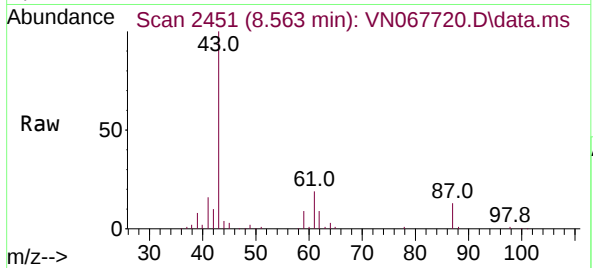




#44  
Isopropyl Acetate  
Concen: 17.895 ug/l  
RT: 8.563 min Scan# 2451  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

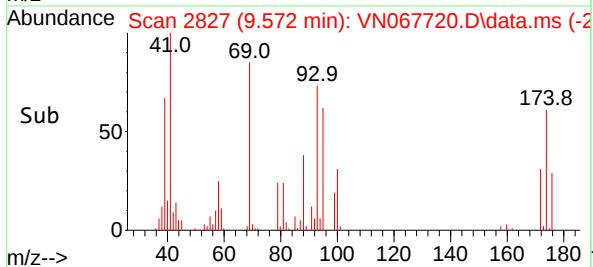
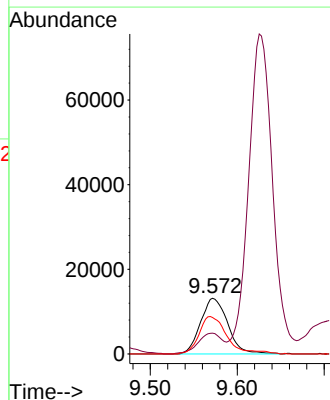
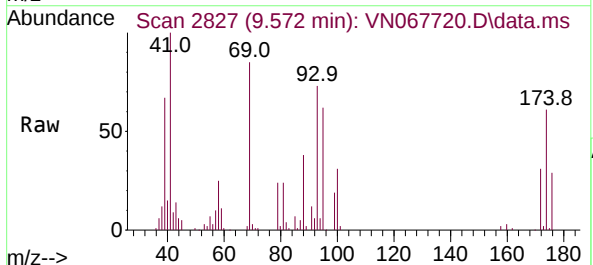
Instrument :  
MSVOA\_N  
ClientSampled :

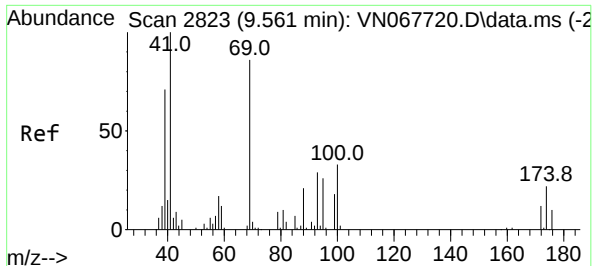
Tgt Ion: 43 Resp: 186512  
Ion Ratio Lower Upper  
43 100  
61 25.5 20.4 30.6



#45  
1,4-Dioxane  
Concen: 353.798 ug/l  
RT: 9.572 min Scan# 2827  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 88 Resp: 28605  
Ion Ratio Lower Upper  
88 100  
43 33.6 26.9 40.3  
58 65.3 52.2 78.4

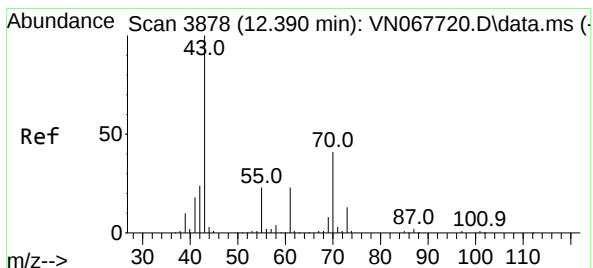
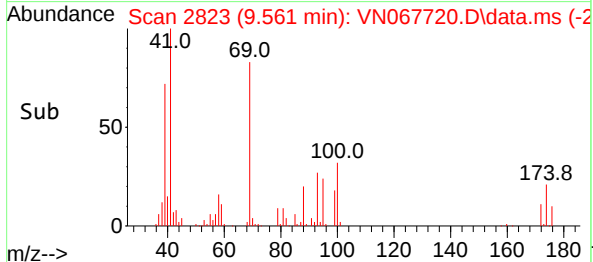
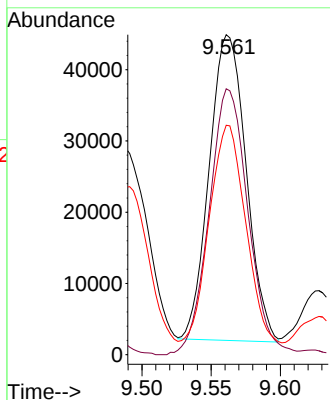
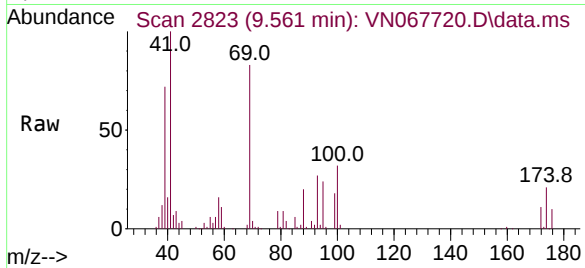




#46  
Methyl methacrylate  
Concen: 17.502 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

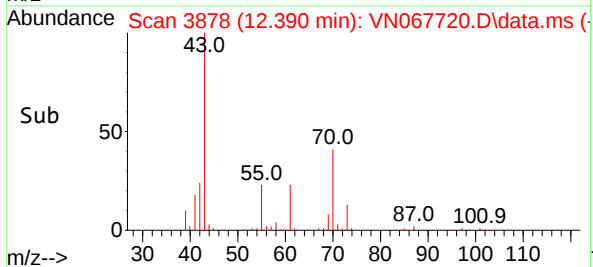
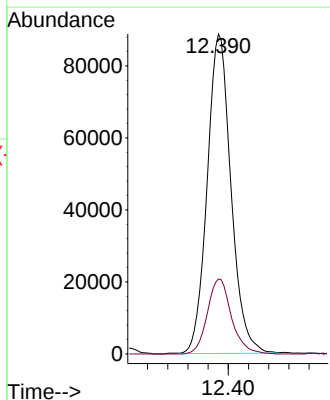
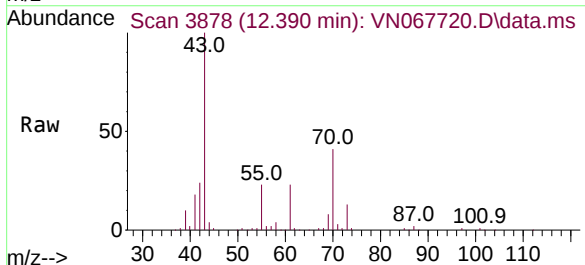
Instrument :  
MSVOA\_N  
ClientSampleId :

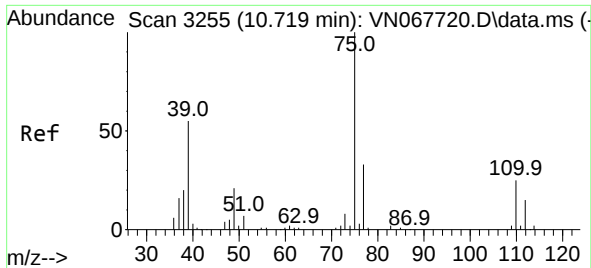
Tgt Ion: 41 Resp: 79516  
Ion Ratio Lower Upper  
41 100  
69 85.9 43.0 128.8  
39 71.1 35.5 106.7



#47  
n-amy1 Acetate  
Concen: 16.767 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 43 Resp: 145213  
Ion Ratio Lower Upper  
43 100  
55 23.8 19.0 28.6

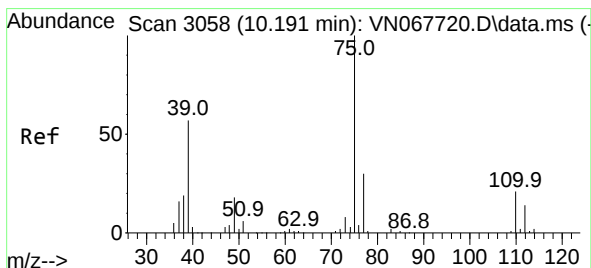
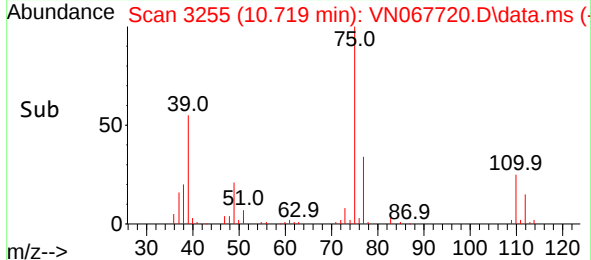
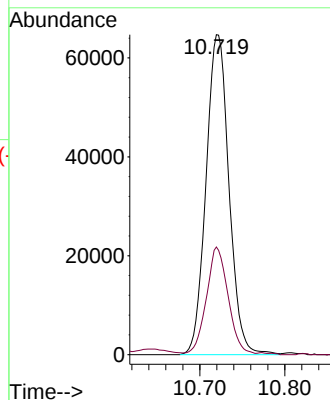
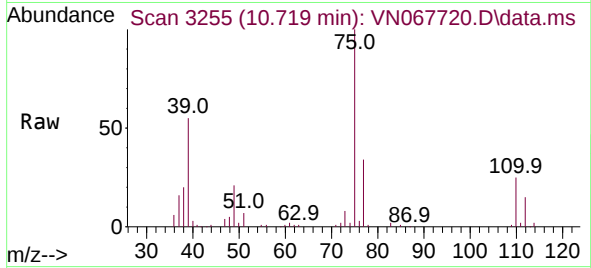




#48  
t-1,3-Dichloropropene  
Concen: 16.795 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

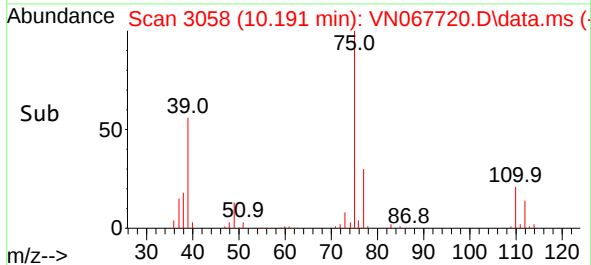
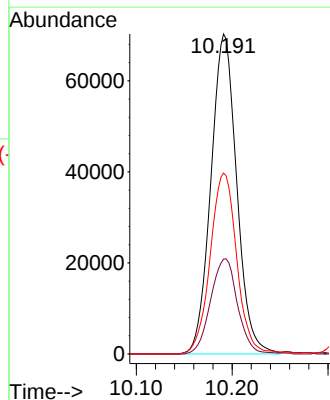
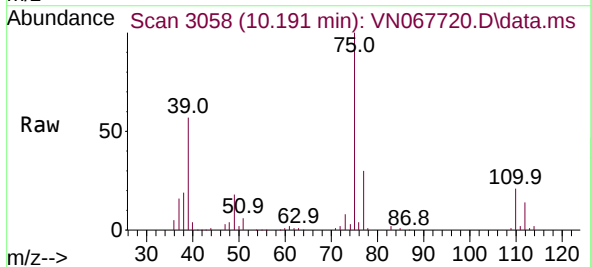
Instrument :  
MSVOA\_N  
ClientSampled :

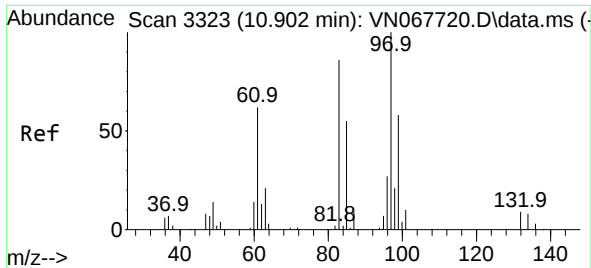
Tgt Ion: 75 Resp: 121593  
Ion Ratio Lower Upper  
75 100  
77 33.7 27.0 40.4



#49  
cis-1,3-Dichloropropene  
Concen: 17.276 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 75 Resp: 131447  
Ion Ratio Lower Upper  
75 100  
77 29.7 23.8 35.6  
39 56.6 45.3 67.9

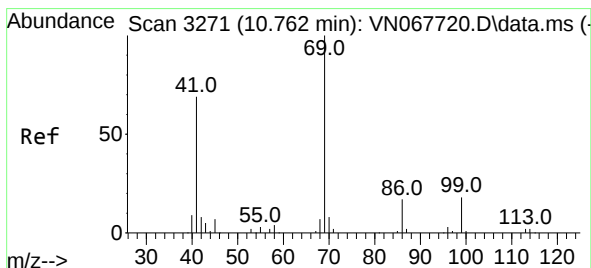
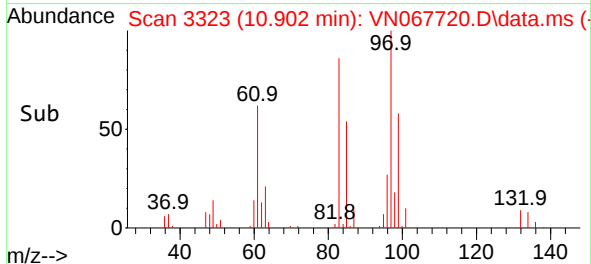
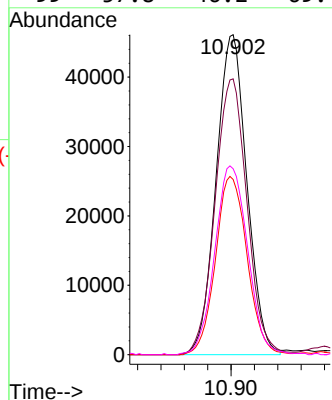
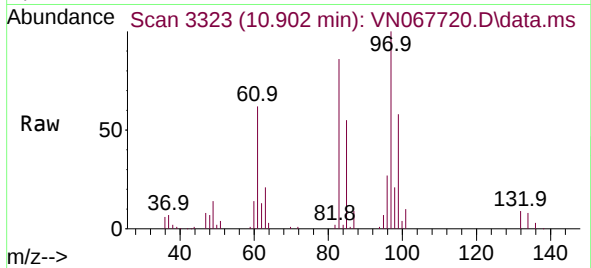




#50  
1,1,2-Trichloroethane  
Concen: 17.508 ug/l  
RT: 10.902 min Scan# 3323  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

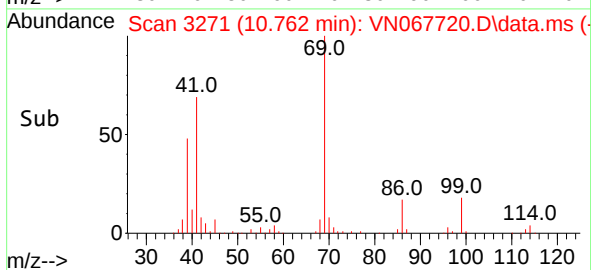
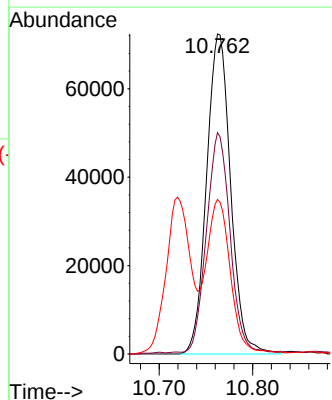
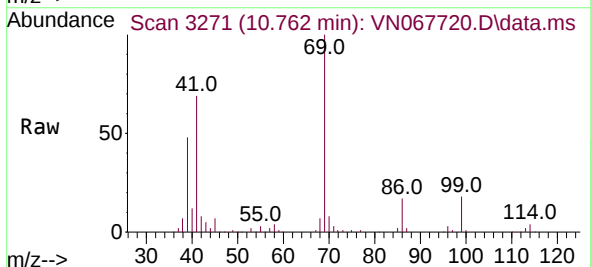
Instrument :  
MSVOA\_N  
ClientSampled :

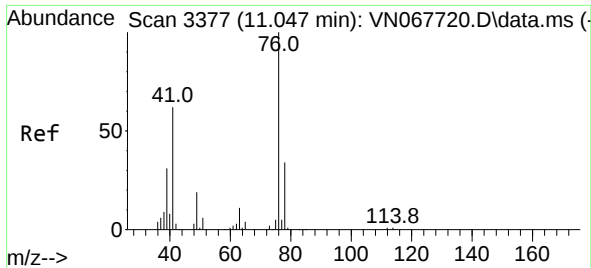
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 84368 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.2  | 69.0  | 103.4 |
| 85       | 54.8  | 43.8  | 65.8  |
| 99       | 57.8  | 46.2  | 69.4  |



#51  
Ethyl methacrylate  
Concen: 17.226 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 129479 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 68.6  | 34.3  | 102.9  |
| 39       | 47.4  | 23.7  | 71.1   |

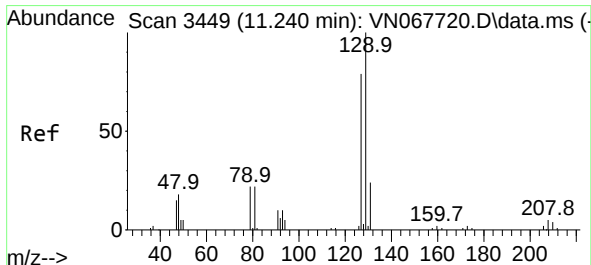
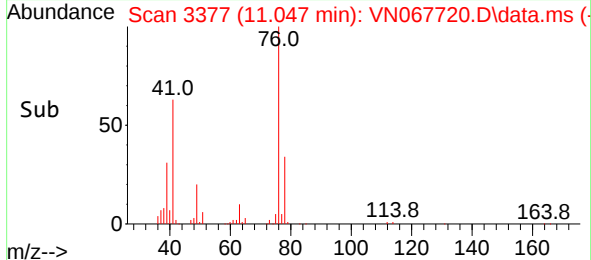
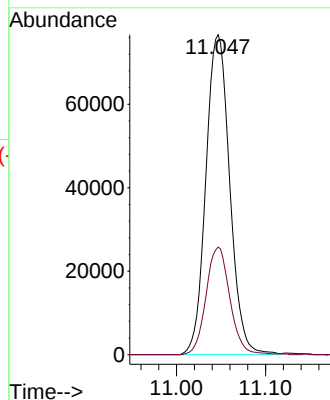
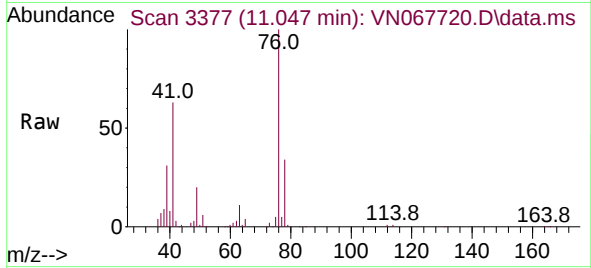




#52  
1,3-Dichloropropane  
Concen: 17.968 ug/l  
RT: 11.047 min Scan# 3377  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

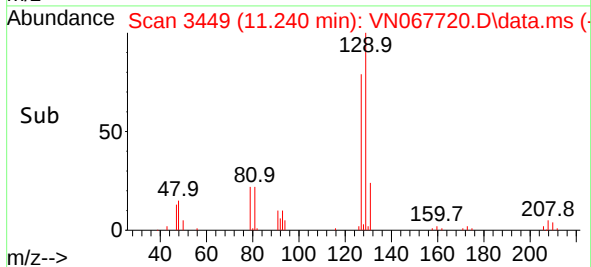
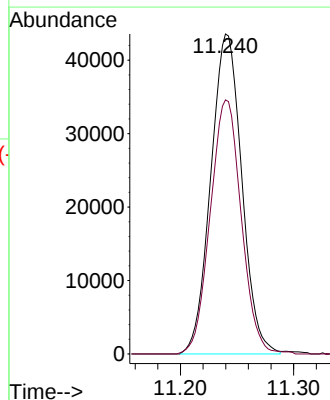
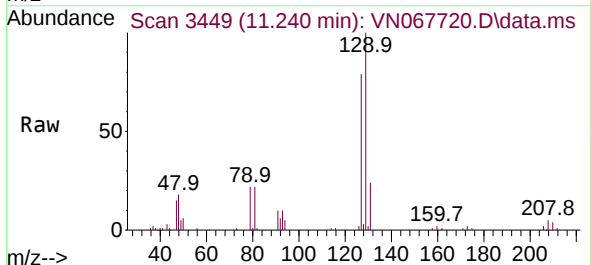
Instrument :  
MSVOA\_N  
ClientSampled :

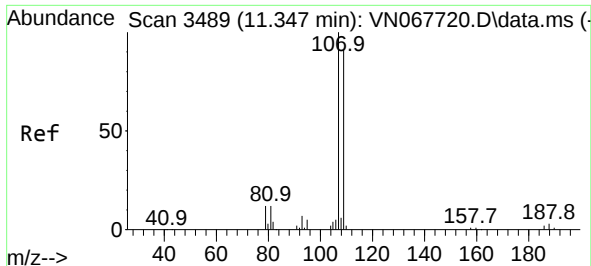
Tgt Ion: 76 Resp: 142914  
Ion Ratio Lower Upper  
76 100  
78 33.5 0.0 67.0



#53  
Dibromochloromethane  
Concen: 16.190 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 129 Resp: 82828  
Ion Ratio Lower Upper  
129 100  
127 79.2 39.6 118.8

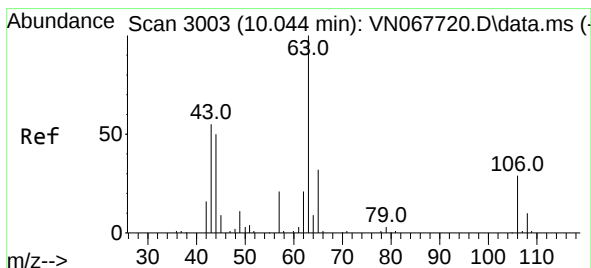
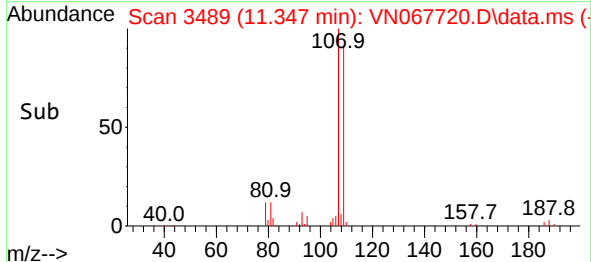
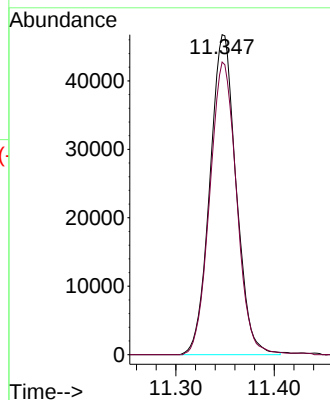
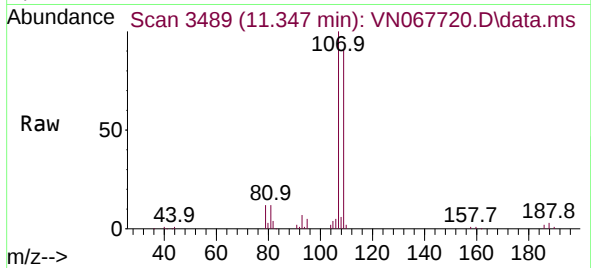




#54  
1,2-Dibromoethane  
Concen: 17.331 ug/l  
RT: 11.347 min Scan# 3489  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

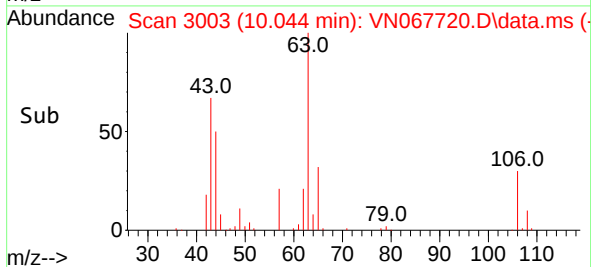
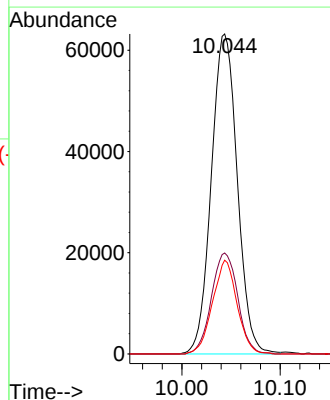
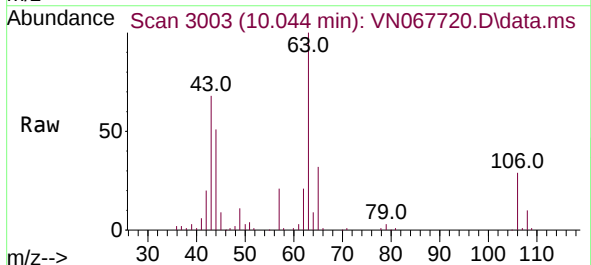
Instrument :  
MSVOA\_N  
ClientSampled :

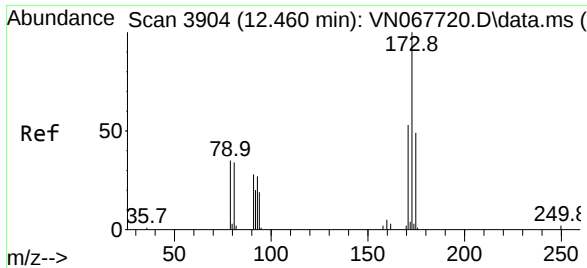
Tgt Ion:107 Resp: 86832  
Ion Ratio Lower Upper  
107 100  
109 93.2 74.6 111.8



#55  
2-Chloroethyl vinyl ether  
Concen: 74.035 ug/l  
RT: 10.044 min Scan# 3003  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 63 Resp: 116250  
Ion Ratio Lower Upper  
63 100  
65 31.9 25.5 38.3  
106 27.6 22.1 33.1

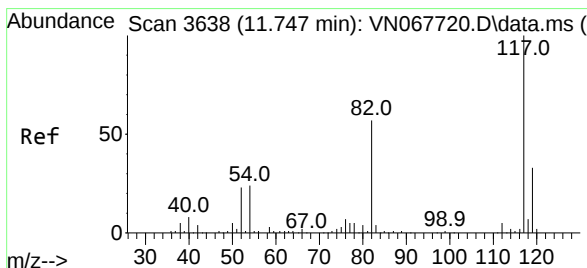
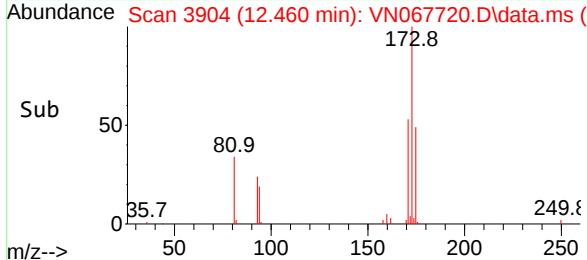
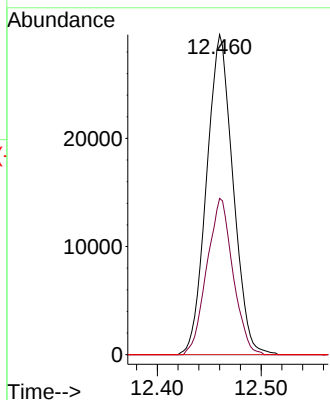
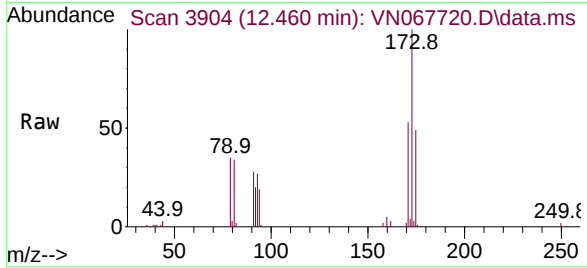




#56  
Bromoform  
Concen: 14.624 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

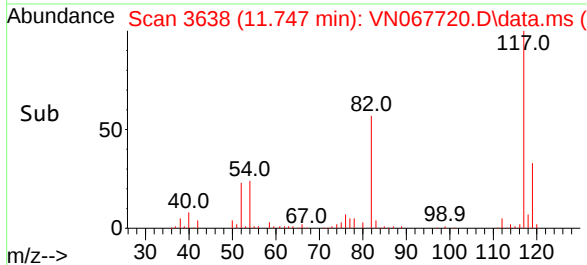
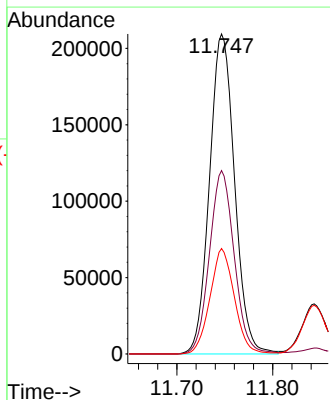
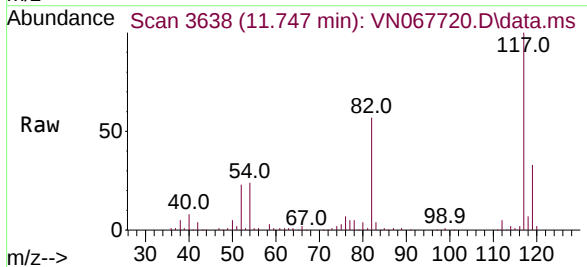
Instrument :  
MSVOA\_N  
ClientSampleId :

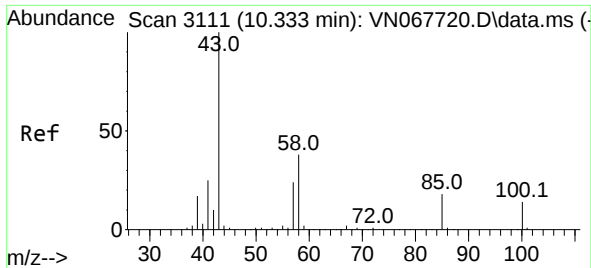
Tgt Ion:173 Resp: 52370  
Ion Ratio Lower Upper  
173 100  
175 48.1 38.5 57.7  
254 0.0 0.0 0.0



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion:117 Resp: 381227  
Ion Ratio Lower Upper  
117 100  
82 56.7 45.4 68.0  
119 32.1 25.7 38.5

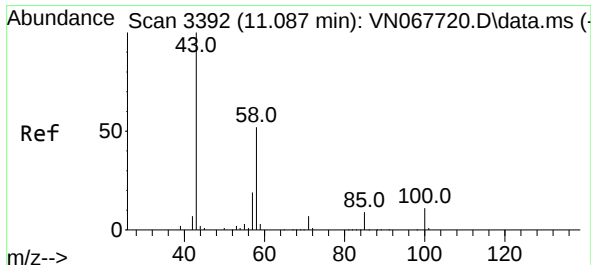
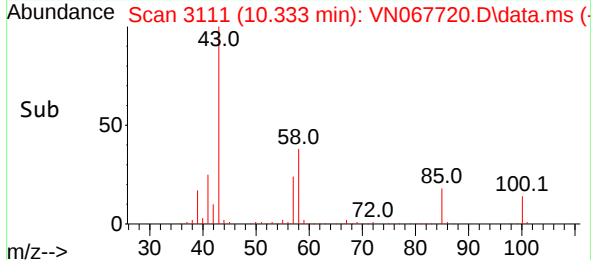
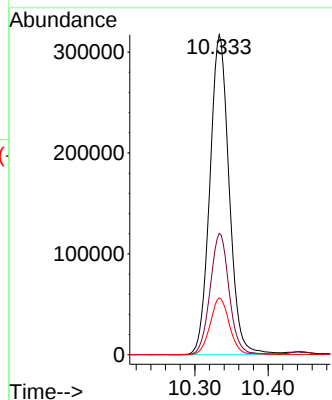
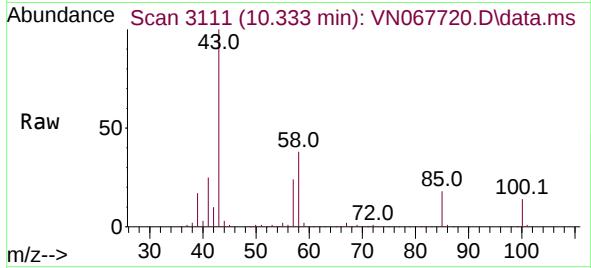




#58  
4-Methyl-2-Pentanone  
Concen: 89.959 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

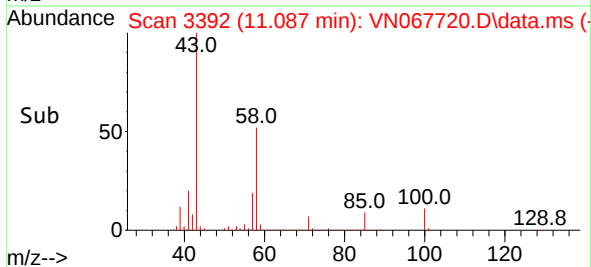
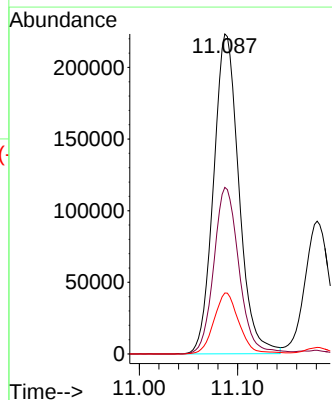
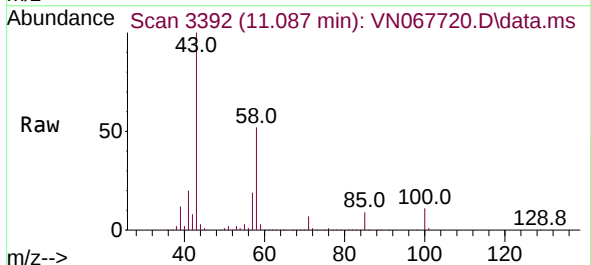
Instrument :  
MSVOA\_N  
ClientSampled :

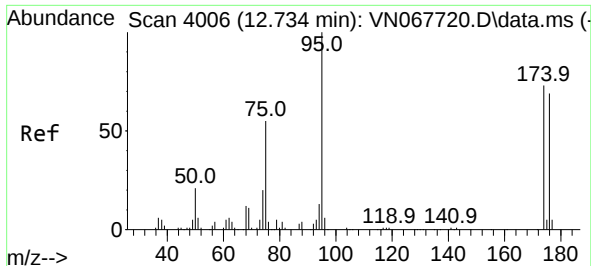
Tgt Ion: 43 Resp: 581169  
Ion Ratio Lower Upper  
43 100  
58 37.4 29.9 44.9  
85 17.6 14.1 21.1



#59  
2-Hexanone  
Concen: 88.150 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 43 Resp: 401589  
Ion Ratio Lower Upper  
43 100  
58 51.9 41.5 62.3  
57 18.9 15.1 22.7

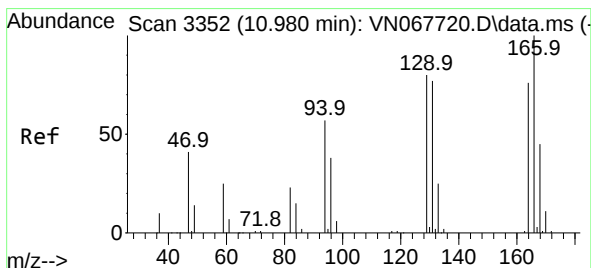
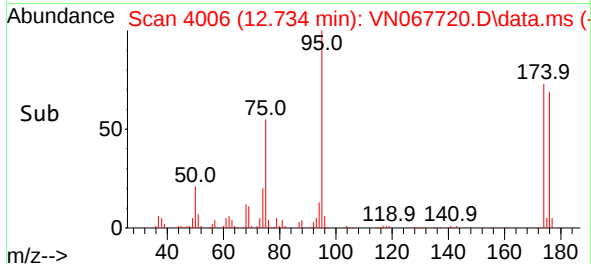
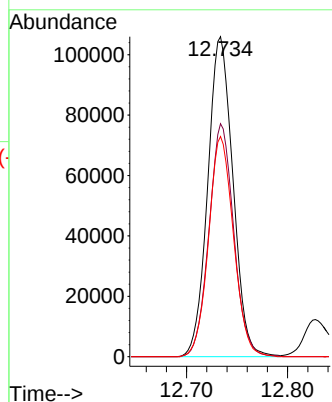
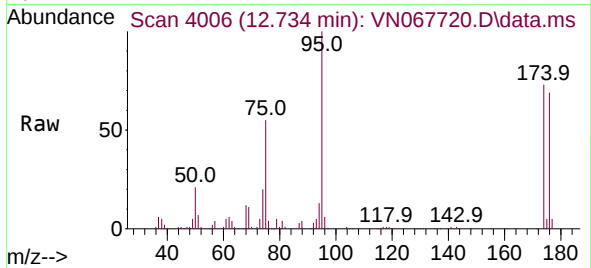




#60  
4-Bromofluorobenzene  
Concen: 30.018 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

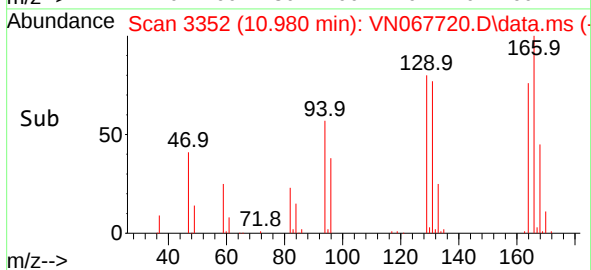
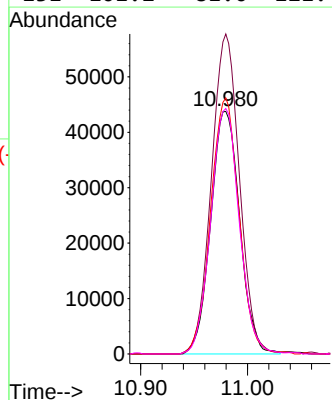
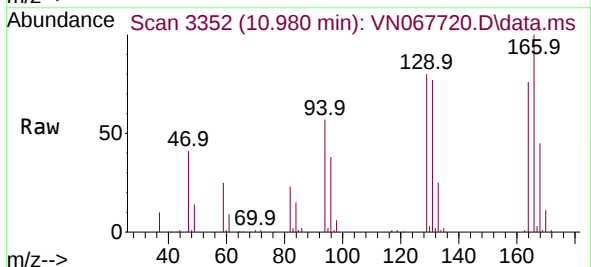
Instrument :  
MSVOA\_N  
ClientSampled :

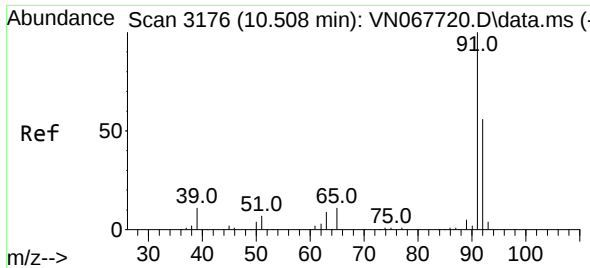
Tgt Ion: 95 Resp: 183951  
Ion Ratio Lower Upper  
95 100  
174 71.4 57.1 85.7  
176 68.2 54.6 81.8



#61  
Tetrachloroethene  
Concen: 17.493 ug/l  
RT: 10.980 min Scan# 3352  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion:164 Resp: 82439  
Ion Ratio Lower Upper  
164 100  
166 131.9 105.5 158.3  
129 105.6 84.5 126.7  
131 101.2 81.0 121.4

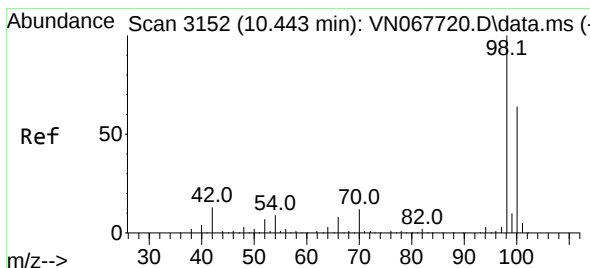
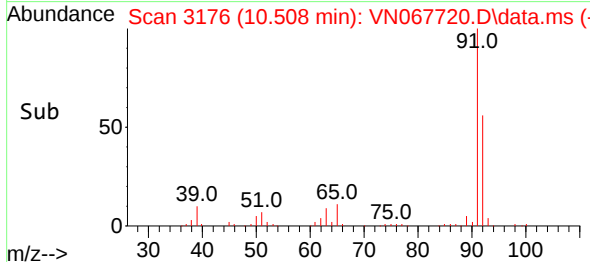
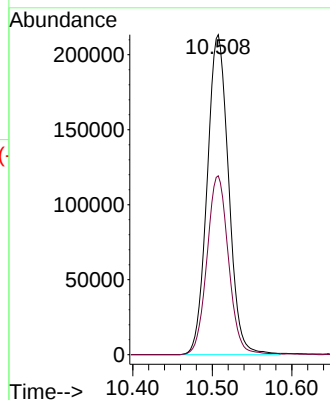
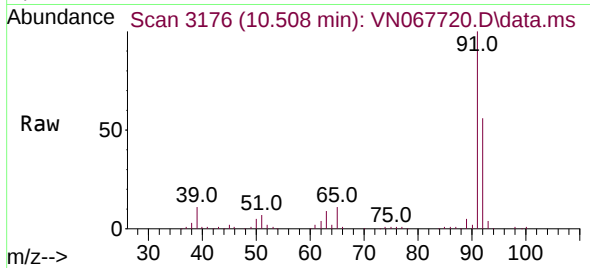




#62  
Toluene  
Concen: 18.101 ug/l  
RT: 10.508 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

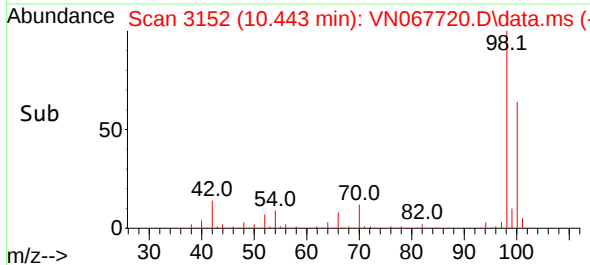
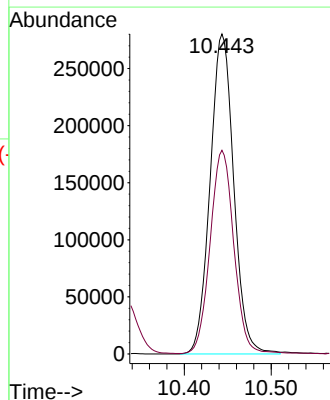
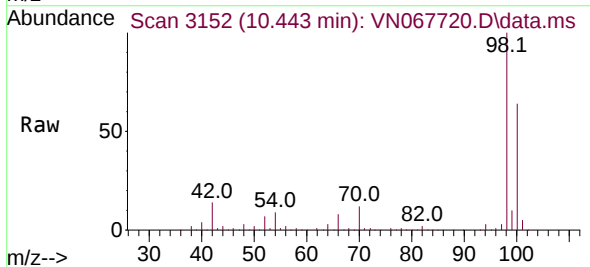
Instrument :  
MSVOA\_N  
ClientSampled :

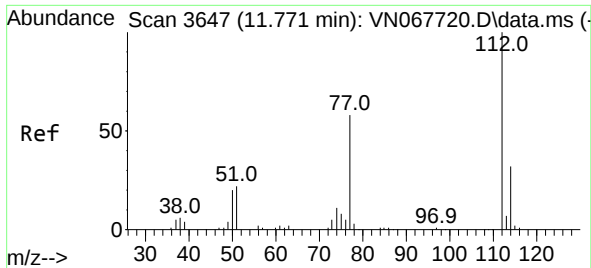
Tgt Ion: 91 Resp: 400592  
Ion Ratio Lower Upper  
91 100  
92 56.0 44.8 67.2



#63  
Toluene-d8  
Concen: 30.300 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 98 Resp: 529136  
Ion Ratio Lower Upper  
98 100  
100 63.7 51.0 76.4

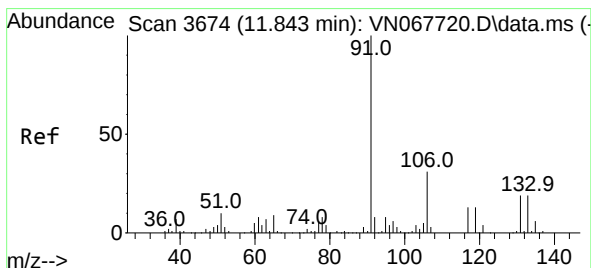
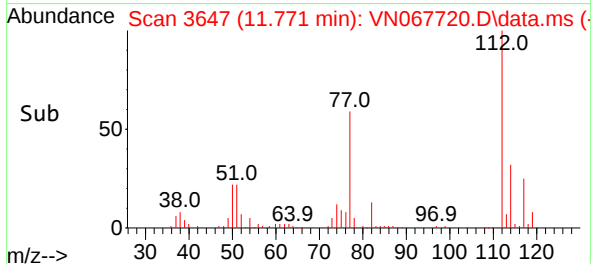
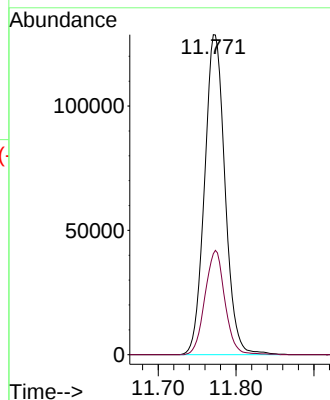
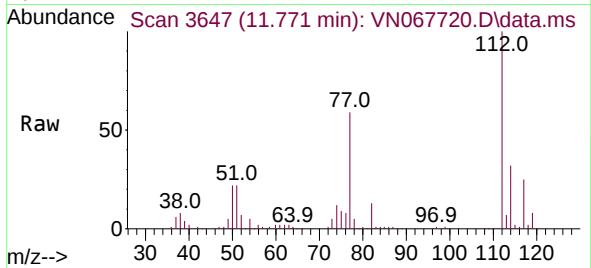




#64  
Chlorobenzene  
Concen: 17.645 ug/l  
RT: 11.771 min Scan# 3647  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

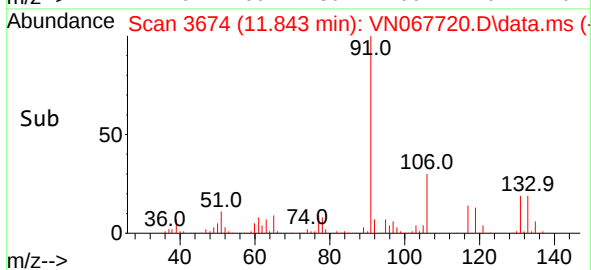
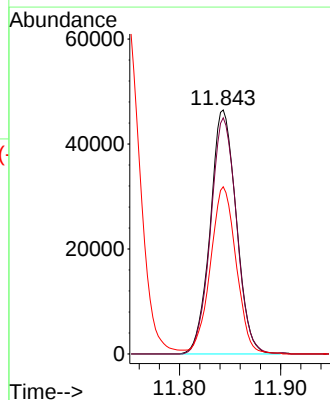
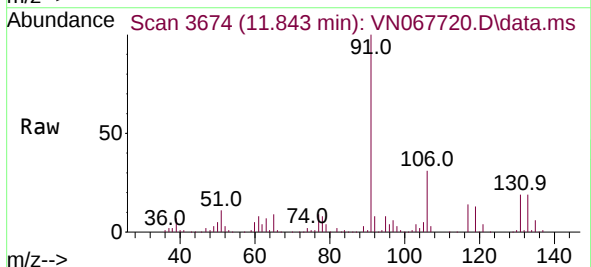
Instrument :  
MSVOA\_N  
ClientSampled :

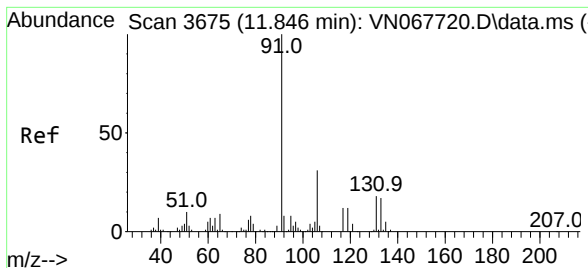
Tgt Ion:112 Resp: 235488  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.2 37.8



#65  
1,1,1,2-Tetrachloroethane  
Concen: 16.773 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion:131 Resp: 83257  
Ion Ratio Lower Upper  
131 100  
133 96.3 0.0 192.6  
119 66.9 0.0 133.8

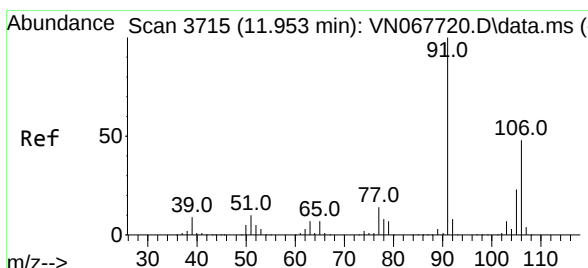
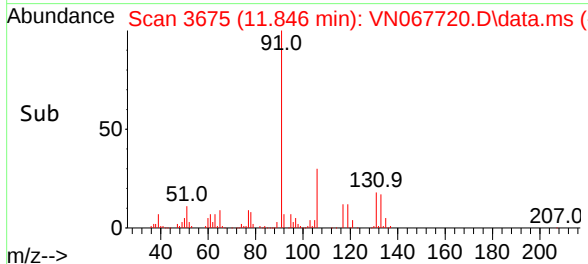
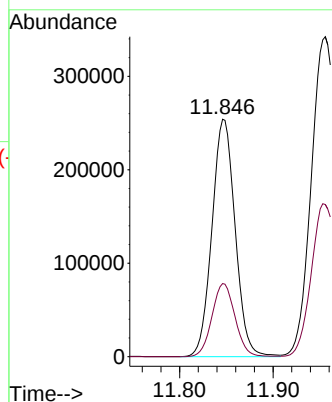
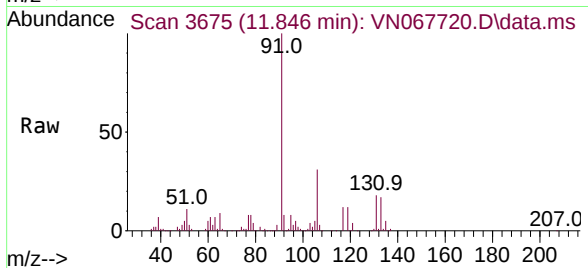




#66  
Ethyl Benzene  
Concen: 17.911 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

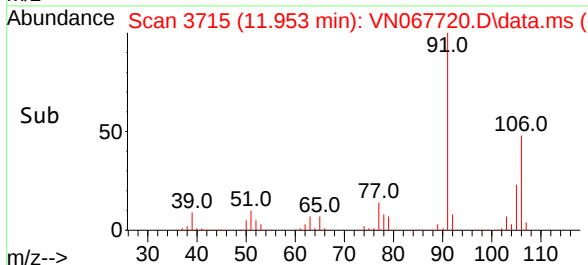
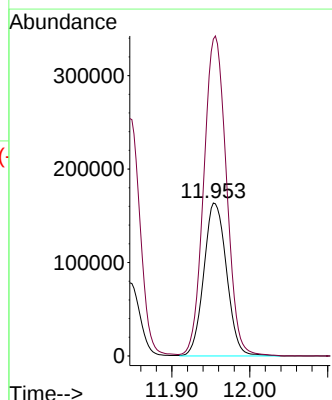
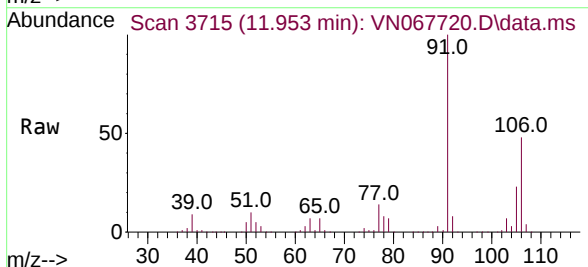
Instrument :  
MSVOA\_N  
ClientSampleId :

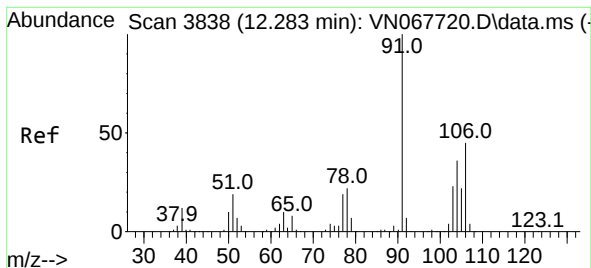
Tgt Ion: 91 Resp: 438741  
Ion Ratio Lower Upper  
91 100  
106 30.8 24.6 37.0



#67  
m/p-Xylenes  
Concen: 35.577 ug/l  
RT: 11.953 min Scan# 3715  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion:106 Resp: 333358  
Ion Ratio Lower Upper  
106 100  
91 208.3 166.6 250.0

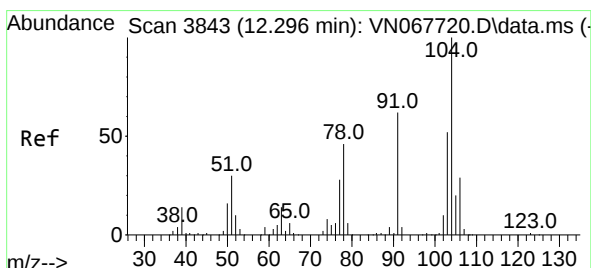
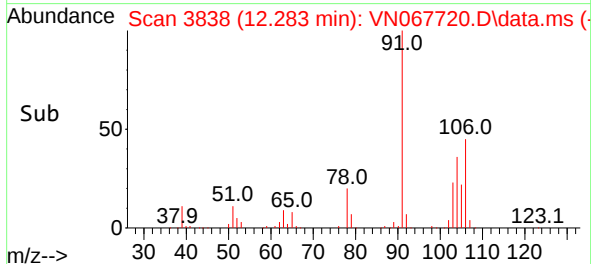
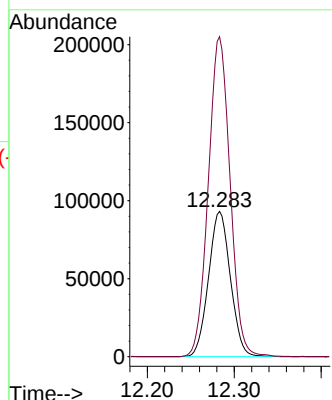
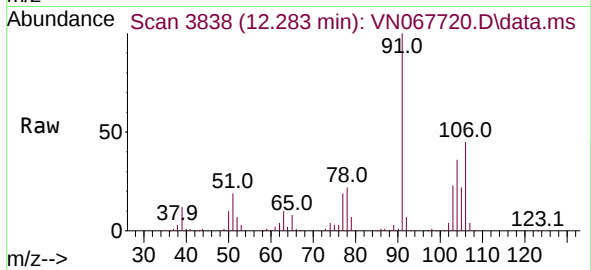




#68  
o-Xylene  
Concen: 17.582 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

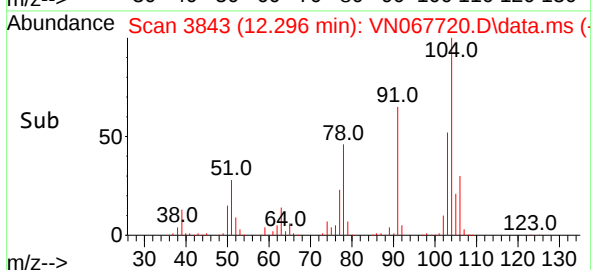
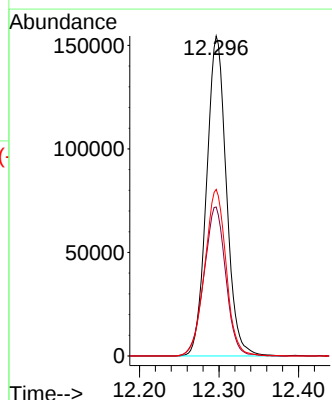
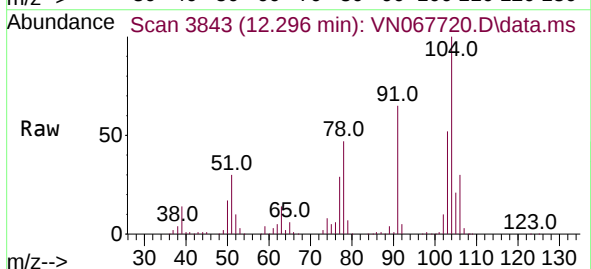
Instrument :  
MSVOA\_N  
ClientSampleId :

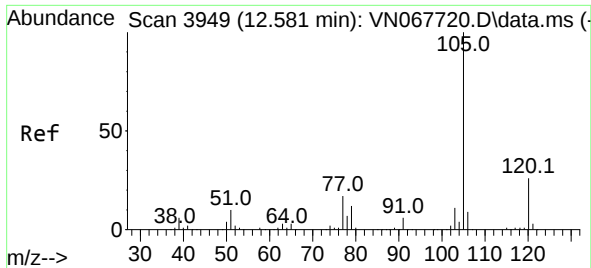
Tgt Ion:106 Resp: 162875  
Ion Ratio Lower Upper  
106 100  
91 219.2 109.6 328.8



#69  
Styrene  
Concen: 17.611 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion:104 Resp: 267568  
Ion Ratio Lower Upper  
104 100  
78 51.0 40.8 61.2  
103 56.1 44.9 67.3

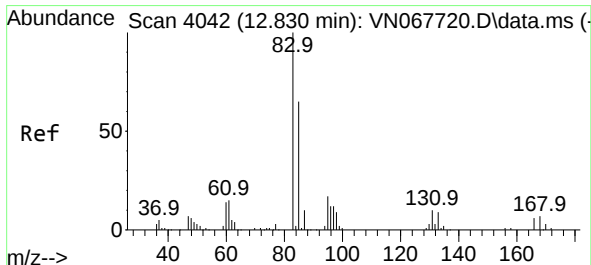
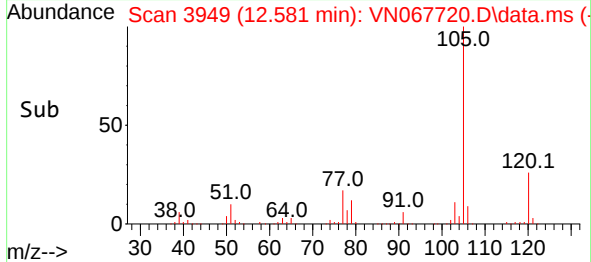
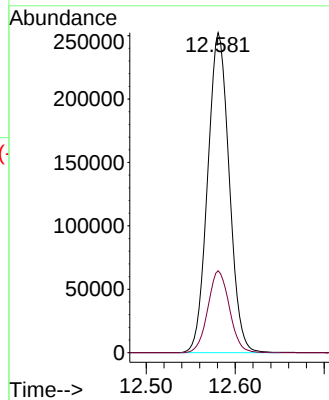
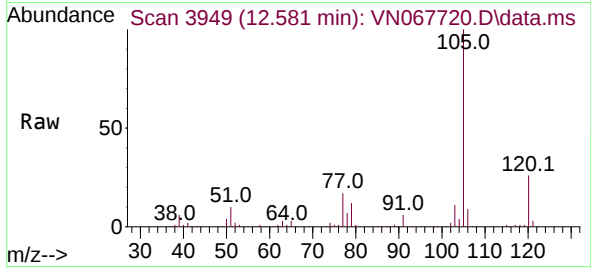




#70  
Isopropylbenzene  
Concen: 17.742 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

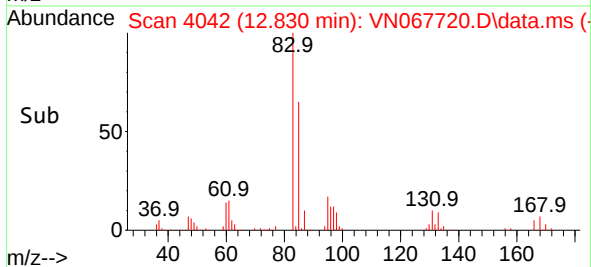
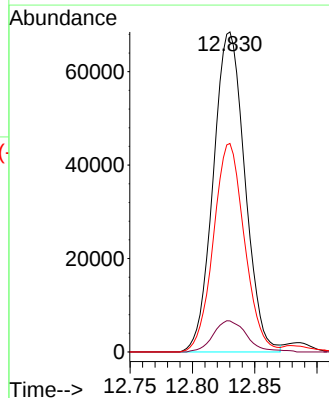
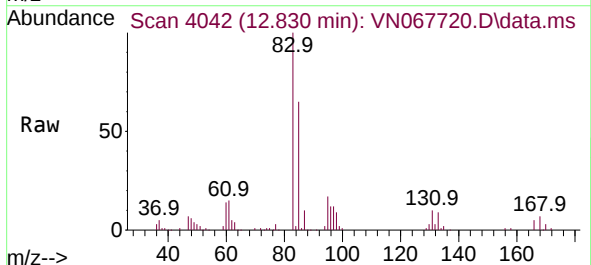
Instrument :  
MSVOA\_N  
ClientSampled :

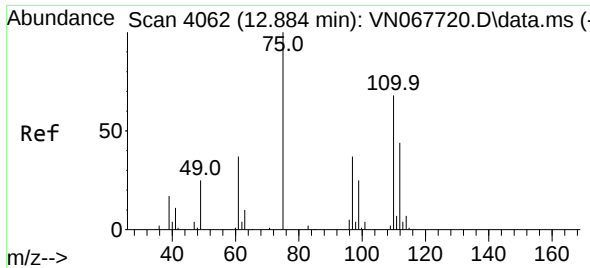
Tgt Ion:105 Resp: 423859  
Ion Ratio Lower Upper  
105 100  
120 25.6 17.9 33.3



#71  
1,1,2,2-Tetrachloroethane  
Concen: 17.866 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 83 Resp: 120924  
Ion Ratio Lower Upper  
83 100  
131 10.4 5.2 15.6  
85 64.0 32.0 96.0

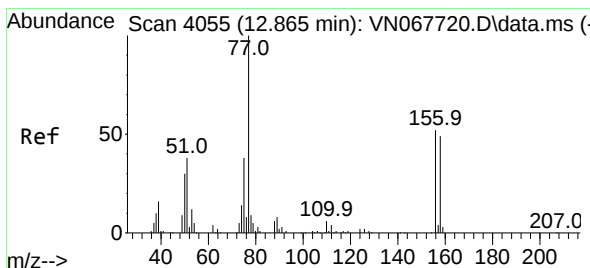
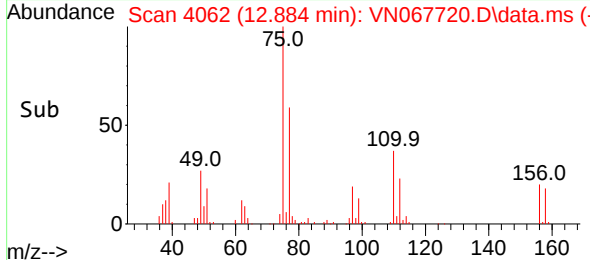
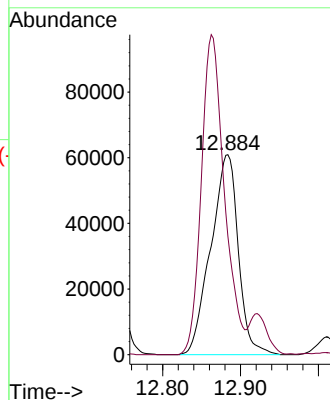
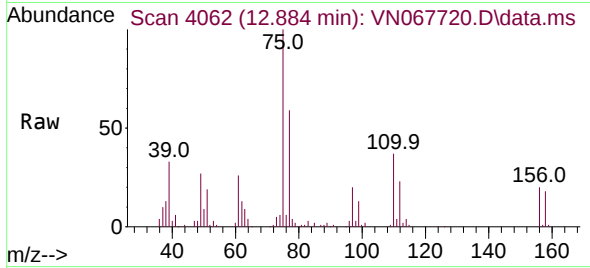




#72  
1,2,3-Trichloropropane  
Concen: 25.837 ug/l  
RT: 12.884 min Scan# 4062  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

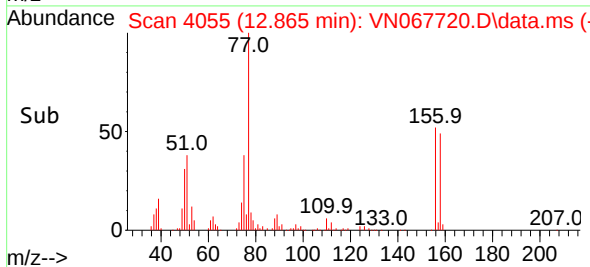
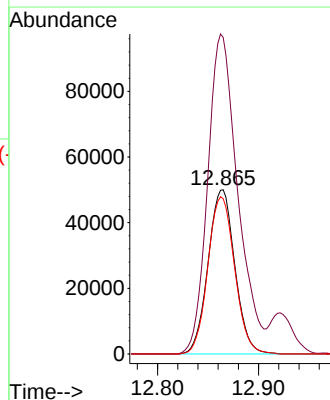
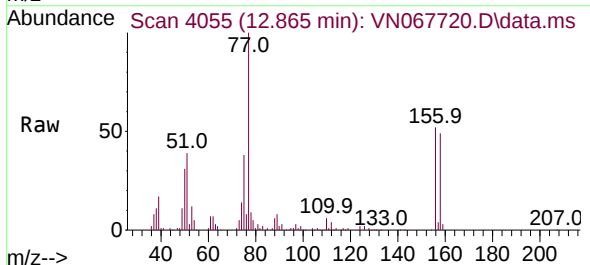
Instrument :  
MSVOA\_N  
ClientSampled :

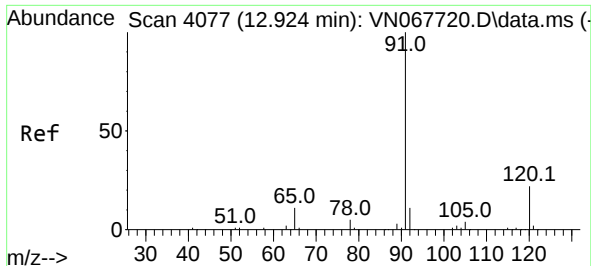
Tgt Ion: 75 Resp: 149424  
Ion Ratio Lower Upper  
75 100  
77 134.4 0.0 365.2



#73  
Bromobenzene  
Concen: 16.758 ug/l  
RT: 12.865 min Scan# 4055  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion:156 Resp: 92018  
Ion Ratio Lower Upper  
156 100  
77 218.2 0.0 436.4  
158 95.7 0.0 191.4

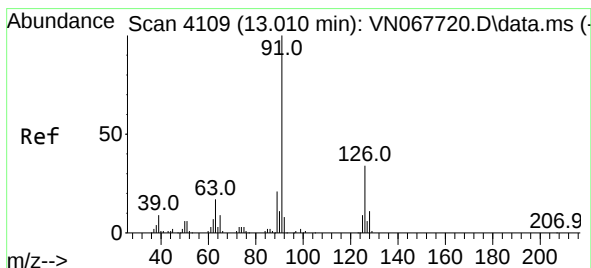
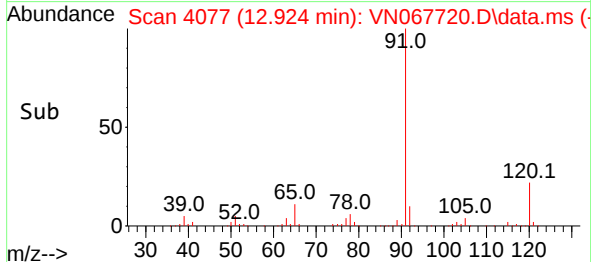
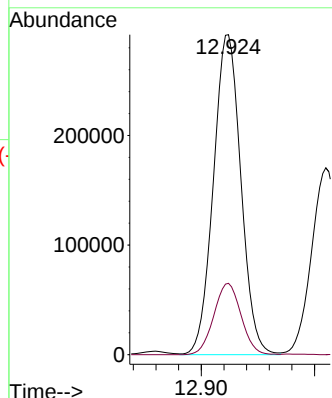
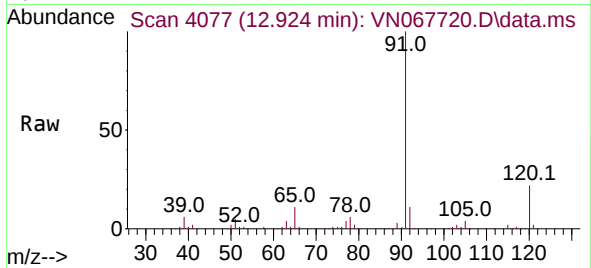




#74  
n-propylbenzene  
Concen: 18.056 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

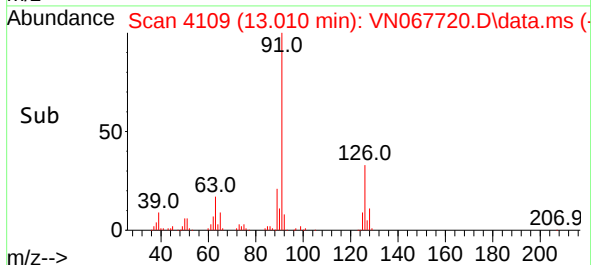
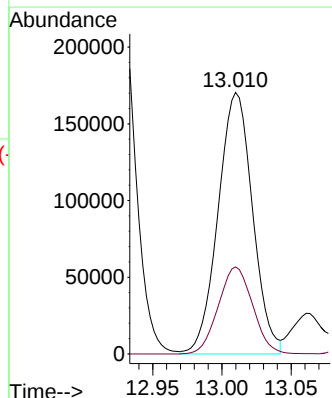
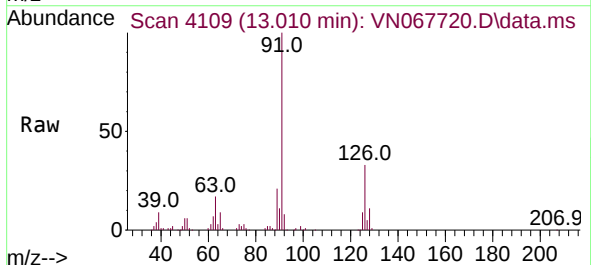
Instrument :  
MSVOA\_N  
ClientSampled :

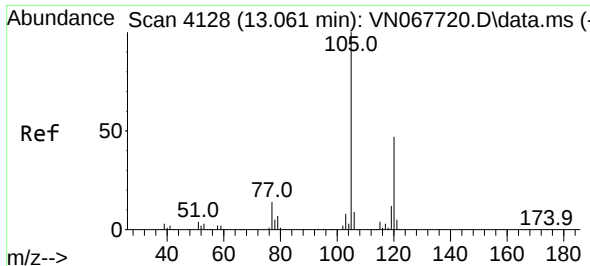
Tgt Ion: 91 Resp: 491537  
Ion Ratio Lower Upper  
91 100  
120 22.1 0.0 44.2



#75  
2-Chlorotoluene  
Concen: 18.084 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 91 Resp: 295624  
Ion Ratio Lower Upper  
91 100  
126 33.1 0.0 66.2

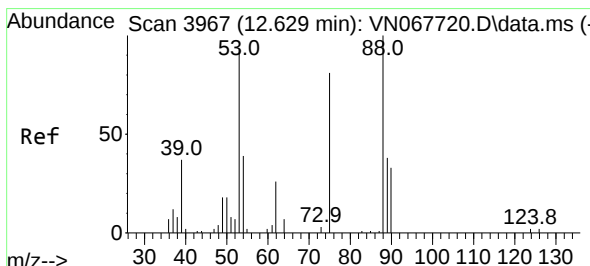
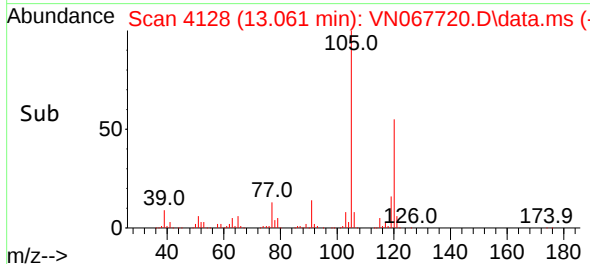
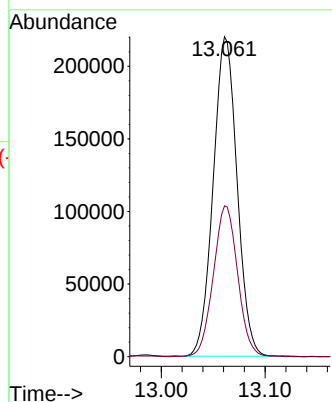
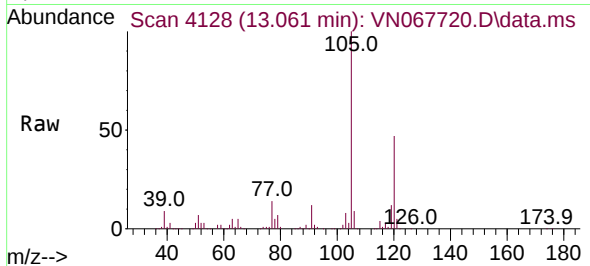




#76  
1,3,5-Trimethylbenzene  
Concen: 17.817 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

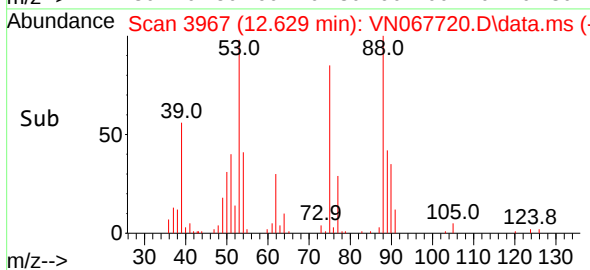
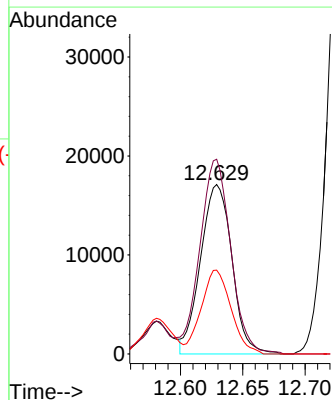
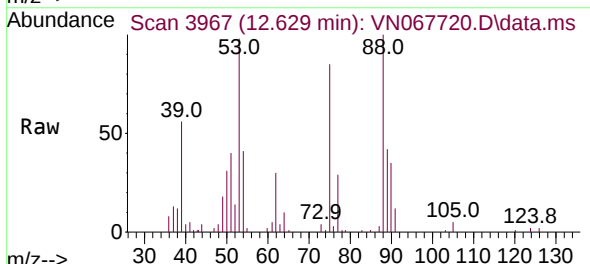
Instrument :  
MSVOA\_N  
ClientSampled :

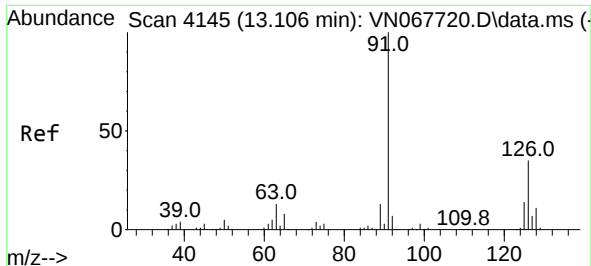
Tgt Ion:105 Resp: 352046  
Ion Ratio Lower Upper  
105 100  
120 48.1 0.0 96.2



#77  
t-1,4-Dichloro-2-butene  
Concen: 15.370 ug/l  
RT: 12.629 min Scan# 3967  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 75 Resp: 30066  
Ion Ratio Lower Upper  
75 100  
53 114.0 57.0 171.0  
89 49.4 24.7 74.1

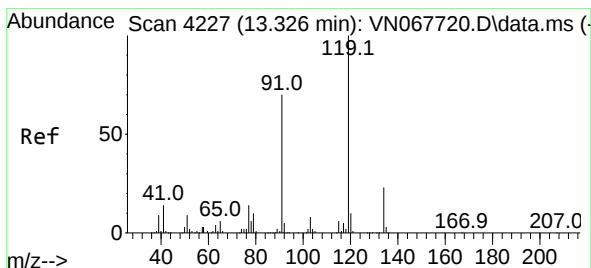
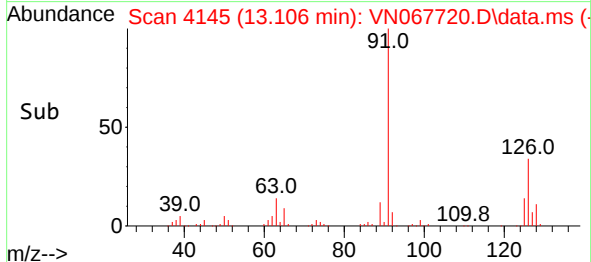
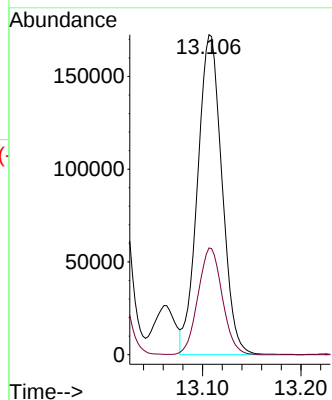
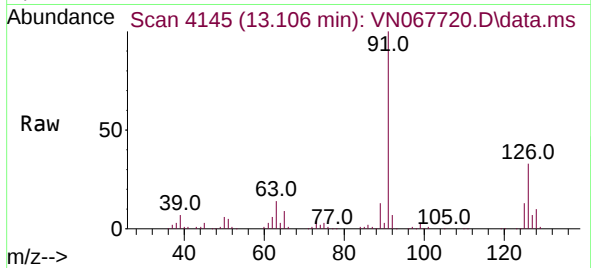




#78  
4-Chlorotoluene  
Concen: 18.320 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

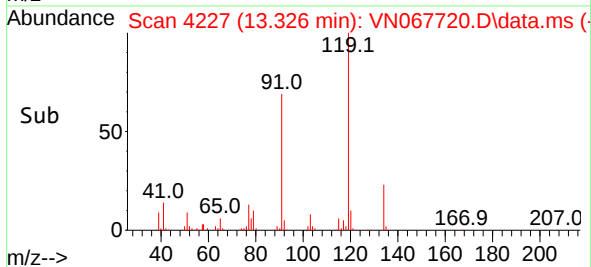
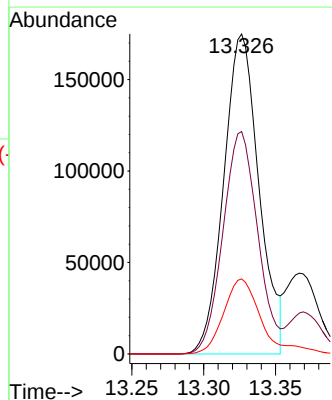
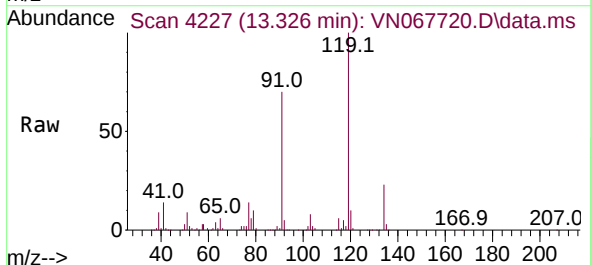
Instrument :  
MSVOA\_N  
ClientSampled :

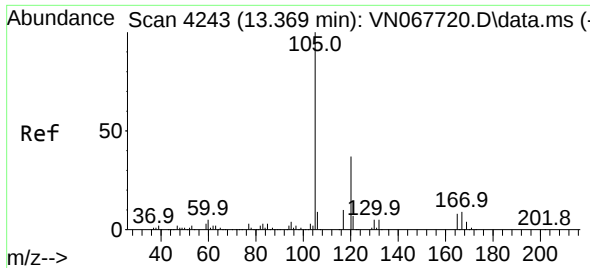
Tgt Ion: 91 Resp: 296855  
Ion Ratio Lower Upper  
91 100  
126 33.2 0.0 66.4



#79  
tert-butylbenzene  
Concen: 17.818 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 119 Resp: 298367  
Ion Ratio Lower Upper  
119 100  
91 68.6 0.0 137.2  
134 25.1 0.0 50.2

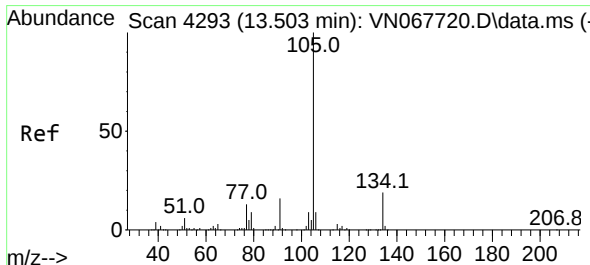
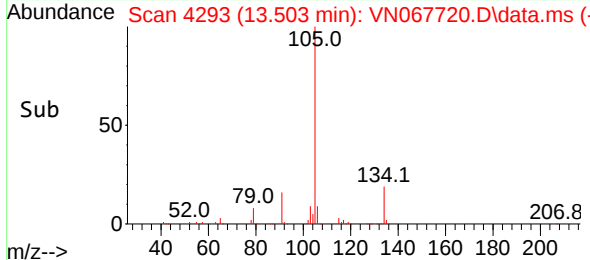
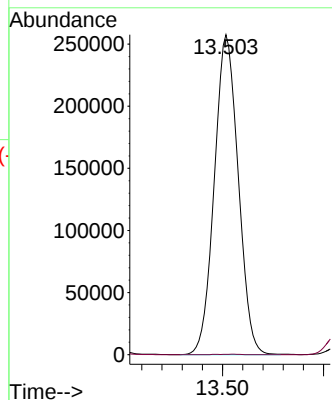
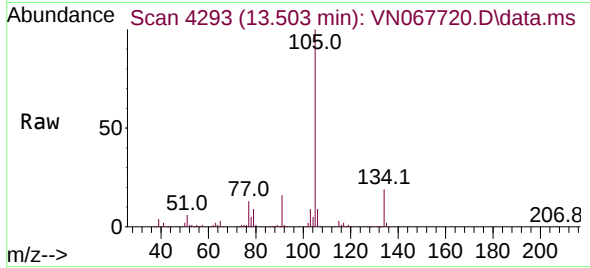




#80  
1,2,4-Trimethylbenzene  
Concen: 21.731 ug/l  
RT: 13.503 min Scan# 4293  
Delta R.T. 0.134 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

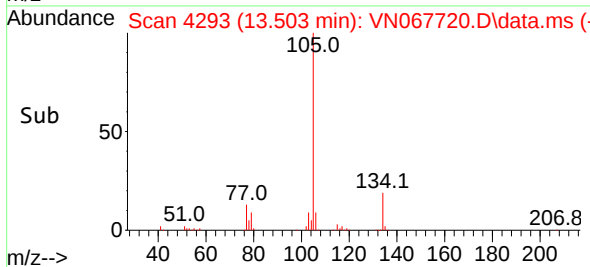
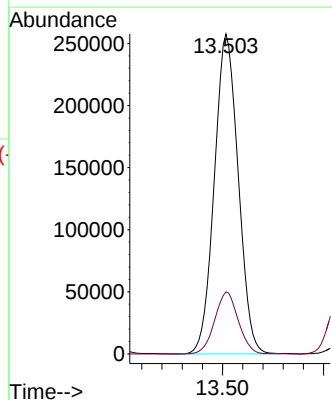
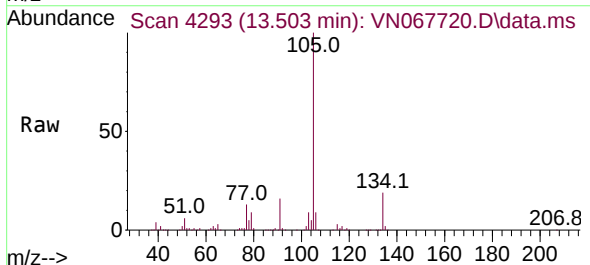
Instrument :  
MSVOA\_N  
ClientSampled :

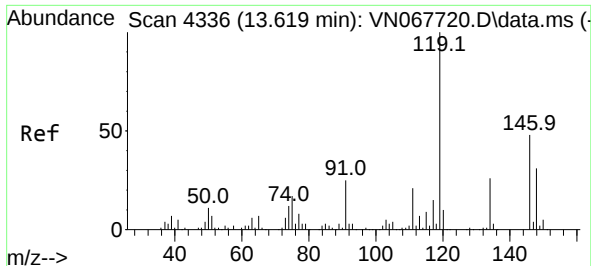
Tgt Ion:105 Resp: 422635  
Ion Ratio Lower Upper  
105 100  
120 0.1 0.0 0.2



#81  
sec-Butylbenzene  
Concen: 18.181 ug/l  
RT: 13.503 min Scan# 4293  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion:105 Resp: 422635  
Ion Ratio Lower Upper  
105 100  
134 19.2 0.0 38.4

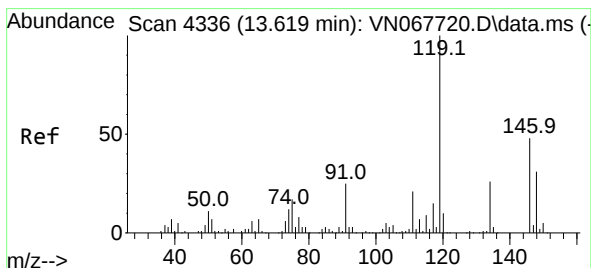
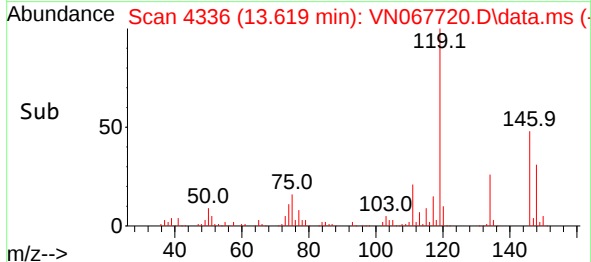
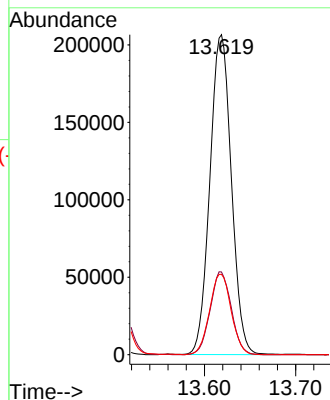
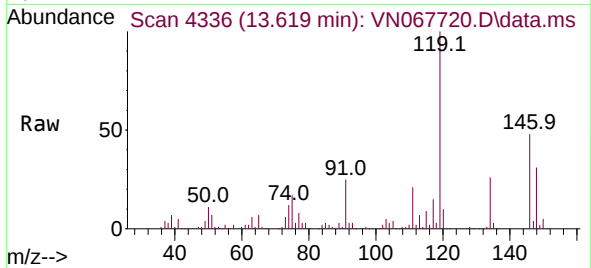




#82  
p-Isopropyltoluene  
Concen: 17.431 ug/l  
RT: 13.619 min Scan# 4336  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

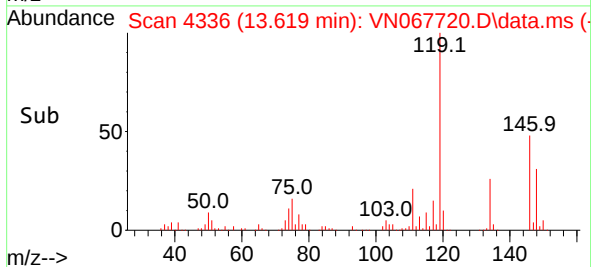
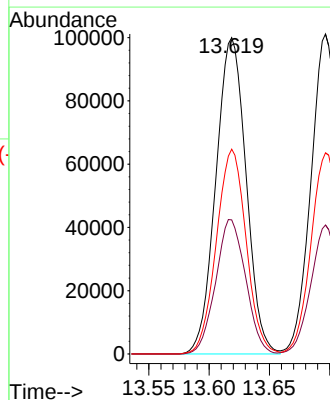
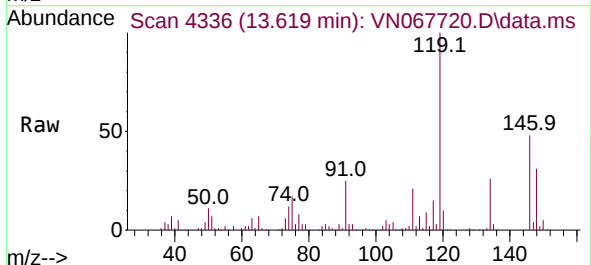
Instrument :  
MSVOA\_N  
ClientSampleId :

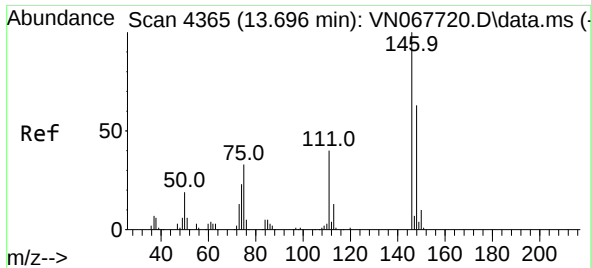
Tgt Ion:119 Resp: 337659  
Ion Ratio Lower Upper  
119 100  
134 25.5 0.0 51.0  
91 25.3 0.0 50.6



#83  
1,3-Dichlorobenzene  
Concen: 17.012 ug/l  
RT: 13.619 min Scan# 4336  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion:146 Resp: 174492  
Ion Ratio Lower Upper  
146 100  
111 42.1 21.1 63.1  
148 63.8 31.9 95.7

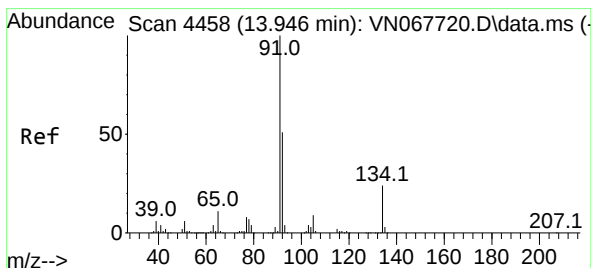
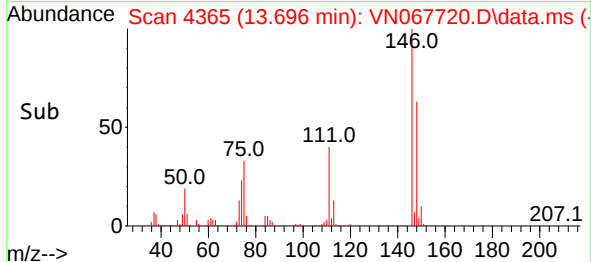
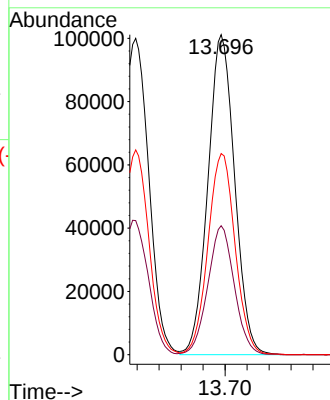
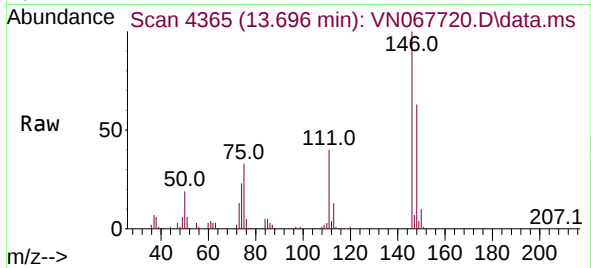




#84  
1,4-Dichlorobenzene  
Concen: 17.212 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

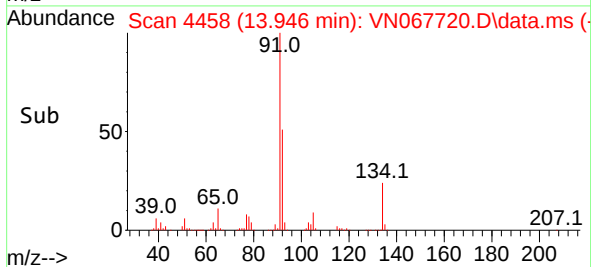
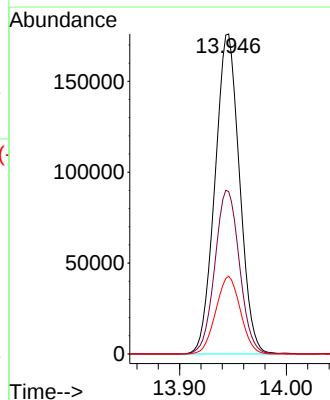
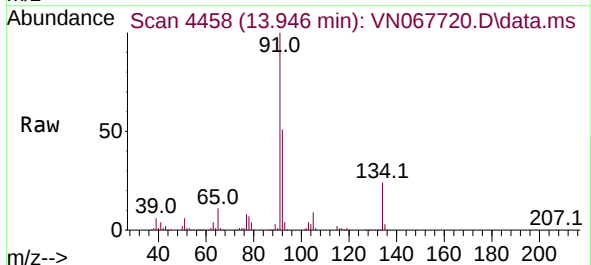
Instrument :  
MSVOA\_N  
ClientSampled :

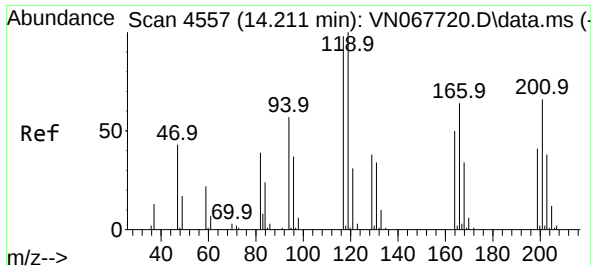
Tgt Ion:146 Resp: 170956  
Ion Ratio Lower Upper  
146 100  
111 39.9 20.0 59.9  
148 63.5 31.8 95.3



#85  
n-Butylbenzene  
Concen: 17.547 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion: 91 Resp: 281650  
Ion Ratio Lower Upper  
91 100  
92 51.3 0.0 102.6  
134 24.3 0.0 48.6

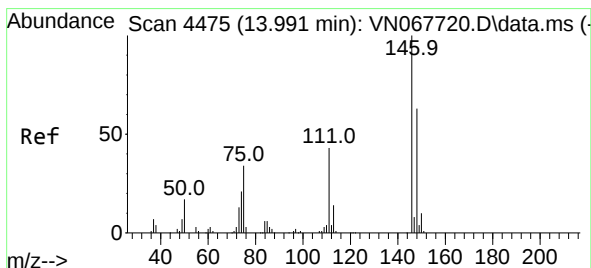
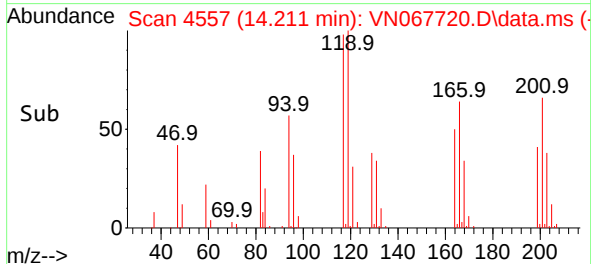
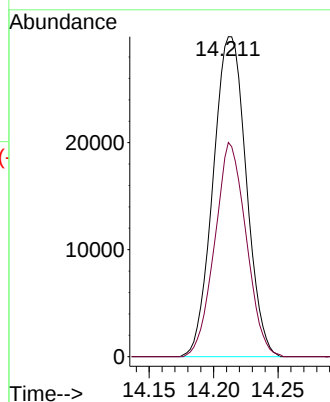
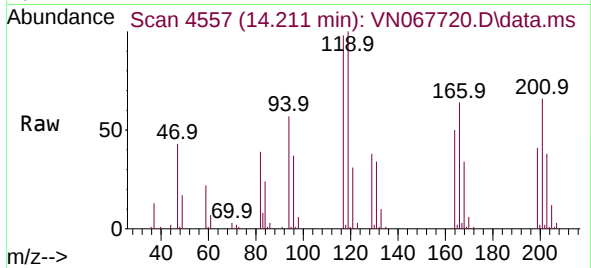




#86  
Hexachloroethane  
Concen: 16.169 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

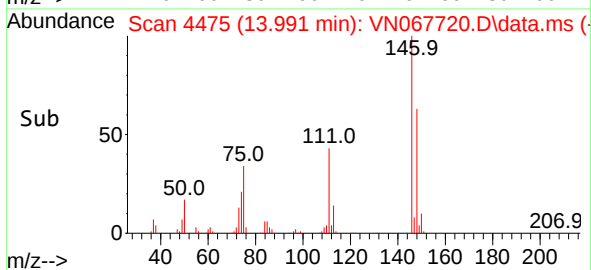
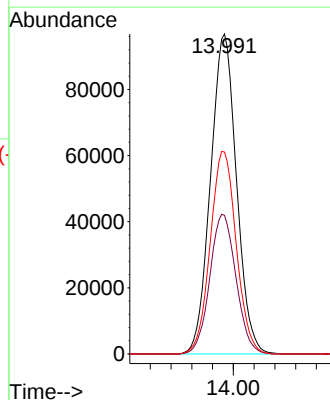
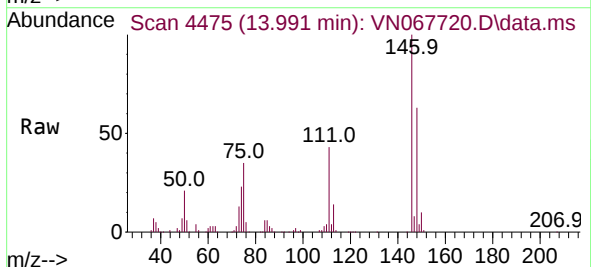
Instrument :  
MSVOA\_N  
ClientSampleId :

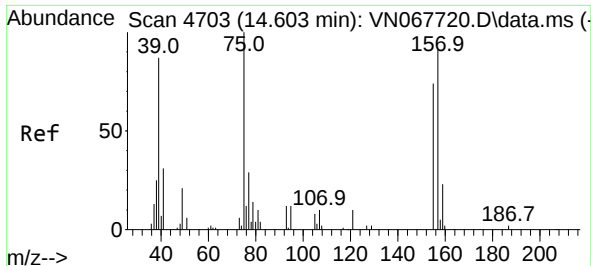
Tgt Ion:117 Resp: 53483  
Ion Ratio Lower Upper  
117 100  
201 63.5 31.8 95.3



#87  
1,2-Dichlorobenzene  
Concen: 17.336 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

Tgt Ion:146 Resp: 168243  
Ion Ratio Lower Upper  
146 100  
111 44.0 22.0 66.0  
148 63.4 31.7 95.1





#88

1,2-Dibromo-3-Chloropropane

Concen: 16.980 ug/l

RT: 14.603 min Scan# 4703

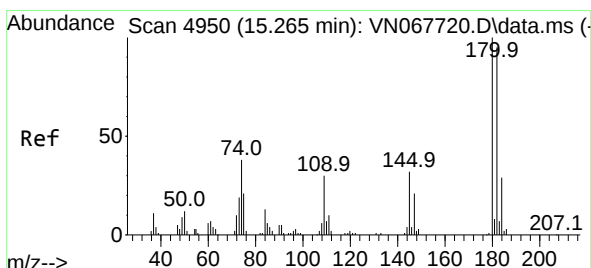
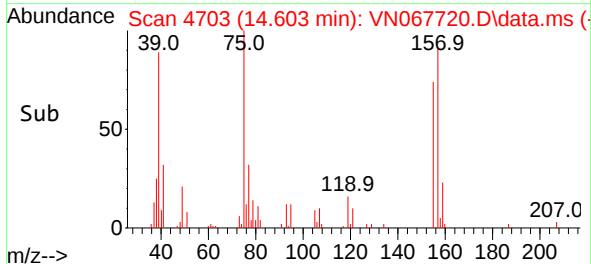
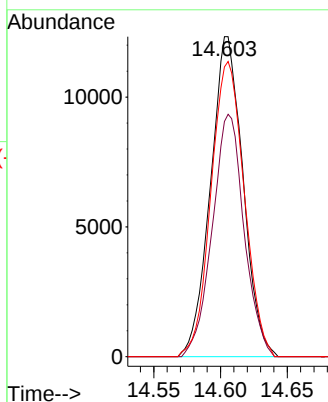
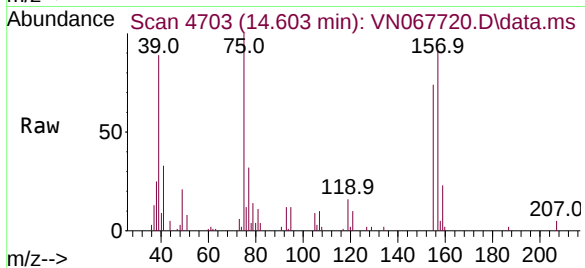
Delta R.T. 0.000 min

Lab File: VN067720.D

Acq: 13 Jul 2021 16:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 20868 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 74.0  | 59.2  | 88.8  |
| 157       | 94.3  | 75.4  | 113.2 |

Instrument :  
MSVOA\_N  
ClientSampleId :



#89

1,2,4-Trichlorobenzene

Concen: 15.291 ug/l

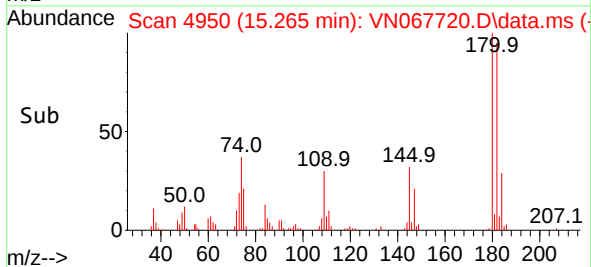
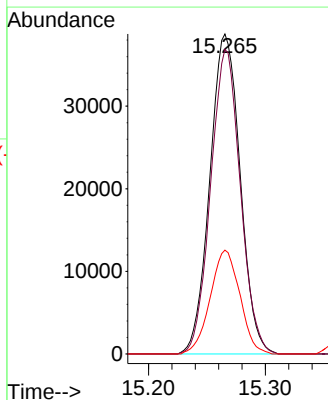
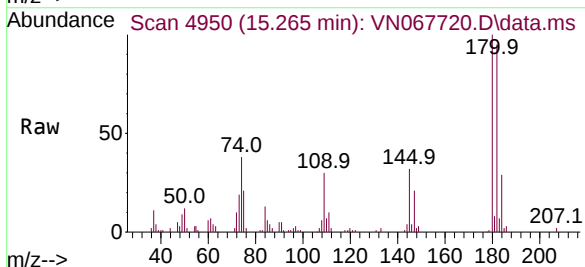
RT: 15.265 min Scan# 4950

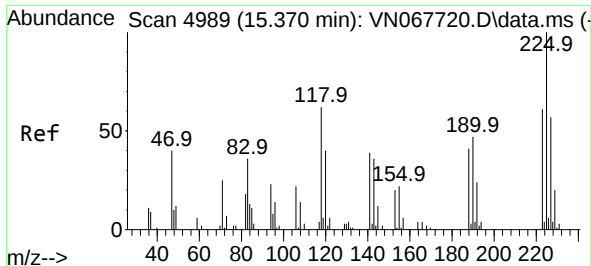
Delta R.T. 0.000 min

Lab File: VN067720.D

Acq: 13 Jul 2021 16:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 69901 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 93.1  | 74.5  | 111.7 |
| 145       | 31.7  | 25.4  | 38.0  |

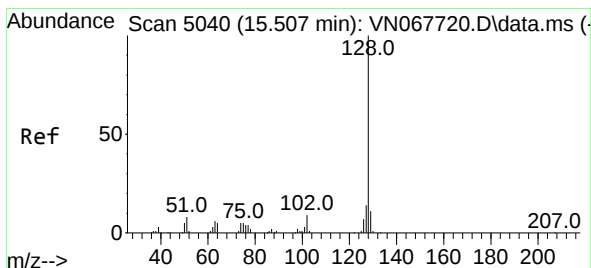
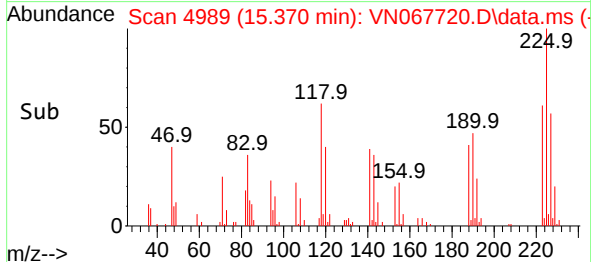
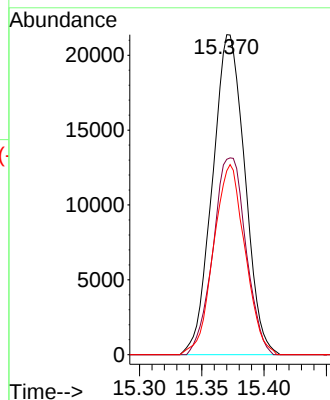
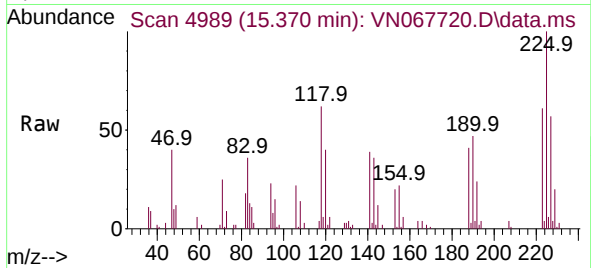




#90  
Hexachlorobutadiene  
Concen: 17.765 ug/l  
RT: 15.370 min Scan# 4989  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

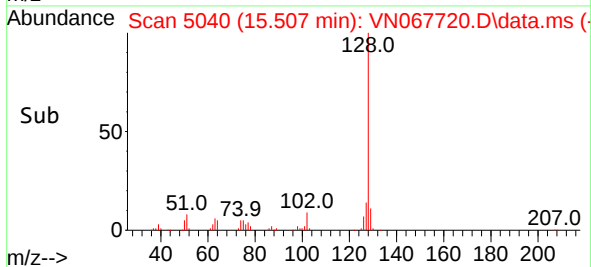
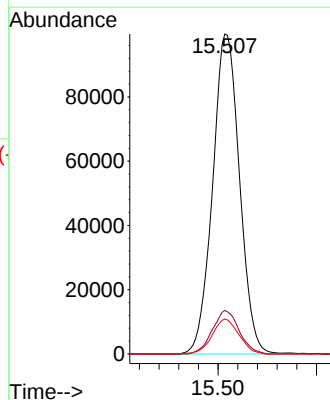
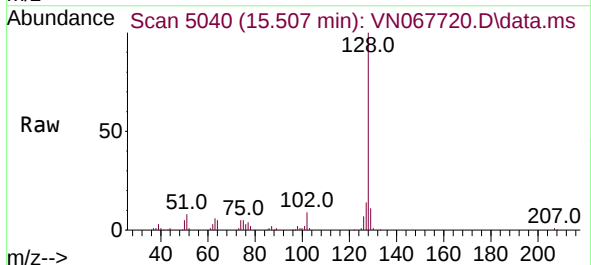
Instrument :  
MSVOA\_N  
ClientSampleId :

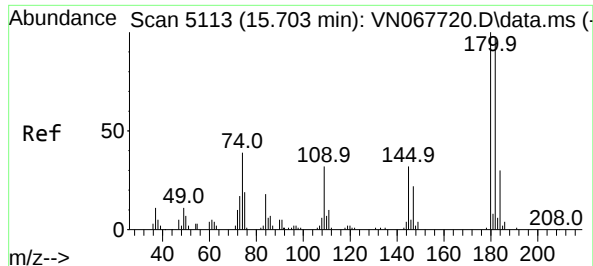
Tgt Ion:225 Resp: 38654  
Ion Ratio Lower Upper  
225 100  
223 62.3 0.0 124.6  
227 57.8 0.0 115.6



#91  
Naphthalene  
Concen: 15.117 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. 0.000 min  
Lab File: VN067720.D  
Acq: 13 Jul 2021 16:35

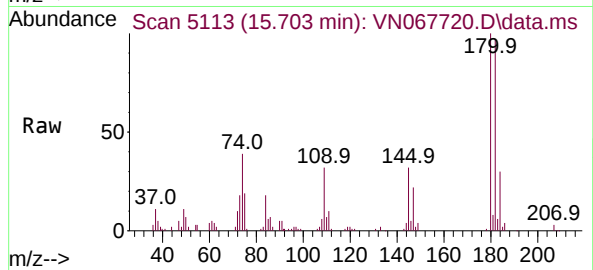
Tgt Ion:128 Resp: 189133  
Ion Ratio Lower Upper  
128 100  
127 13.6 10.9 16.3  
129 10.9 8.7 13.1





#92  
 1,2,3-Trichlorobenzene  
 Concen: 15.339 ug/l  
 RT: 15.703 min Scan# 5113  
 Delta R.T. 0.000 min  
 Lab File: VN067720.D  
 Acq: 13 Jul 2021 16:35

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion:180 Resp: 66721  
 Ion Ratio Lower Upper  
 180 100  
 182 95.4 0.0 190.8  
 145 34.1 0.0 68.2

