

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN100521\  
 Data File : VN068810.D  
 Acq On : 5 Oct 2021 18:16  
 Operator : JC/MD  
 Sample : VSTDCCC020  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

Quant Time: Oct 06 01:35:45 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N092821W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Sep 29 08:56:32 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Bromochloromethane        | 7.662          | 128  | 97283               | 30.000  | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.968          | 114  | 552848              | 30.000  | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.746         | 117  | 527832              | 30.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.440          | 65   | 243404              | 32.460  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |      | Recovery = 108.200% |         |        |          |
| 60) 4-Bromofluorobenzene     | 12.733         | 95   | 235354              | 28.542  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |      | Recovery = 95.133%  |         |        |          |
| 63) Toluene-d8               | 10.443         | 98   | 740045              | 31.019  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |      | Recovery = 103.400% |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         |        |          |
|                              |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.073          | 85   | 73471               | 17.030  | ug/l   | 97       |
| 3) Chloromethane             | 2.303          | 50   | 103176              | 18.687  | ug/l   | 97       |
| 4) Vinyl Chloride            | 2.445          | 62   | 206179              | 19.155  | ug/l   | 99       |
| 5) Bromomethane              | 2.850          | 94   | 199790              | 19.123  | ug/l   | 98       |
| 6) Chloroethane              | 3.017          | 64   | 180992              | 20.685  | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.373          | 101  | 178721              | 19.905  | ug/l   | 99       |
| 8) Diethyl Ether             | 3.829          | 74   | 64783               | 21.069  | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 4.221          | 101  | 98283               | 18.907  | ug/l   | 53       |
| 10) 1,1-Dichloroethene       | 4.189          | 96   | 90702               | 18.907  | ug/l   | 95       |
| 11) Methyl Iodide            | 4.427          | 142  | 121741              | 21.040  | ug/l   | 95       |
| 12) Methyl Acetate           | 4.854          | 43   | 171526              | 20.704  | ug/l   | 98       |
| 13) Acrolein                 | 4.044          | 56   | 24758               | 71.183  | ug/l   | 99       |
| 14) Acrylonitrile            | 5.554          | 53   | 276447              | 103.901 | ug/l   | 100      |
| 15) Acetone                  | 4.288          | 58   | 68887               | 93.465  | ug/l   | 98       |
| 16) Carbon Disulfide         | 4.532          | 76   | 229803              | 17.690  | ug/l   | 99       |
| 17) Allyl chloride           | 4.843          | 41   | 144555              | 18.965  | ug/l   | 99       |
| 18) Methylene Chloride       | 5.103          | 84   | 119024              | 19.754  | ug/l   | 97       |
| 19) trans-1,2-Dichloroethene | 5.605          | 96   | 107818              | 19.016  | ug/l   | 99       |
| 20) Diisopropyl ether        | 6.498          | 45   | 364287              | 20.554  | ug/l   | 97       |
| 21) 1,1-Dichloroethane       | 6.391          | 63   | 205699              | 19.993  | ug/l   | 99       |
| 22) cis-1,2-Dichloroethene   | 7.327          | 96   | 137235              | 19.892  | ug/l   | 96       |
| 23) tert-Butyl Alcohol       | 5.366          | 59   | 104853              | 106.210 | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 5.613          | 73   | 381851              | 20.264  | ug/l   | 99       |
| 25) Chloroform               | 7.820          | 83   | 246711              | 20.338  | ug/l   | 96       |
| 26) Cyclohexane              | 8.096          | 56   | 165531              | 18.484  | ug/l # | 98       |
| 29) 1,1-Dichloropropene      | 8.222          | 75   | 162811              | 18.532  | ug/l   | 97       |
| 30) 2-Butanone               | 7.332          | 43   | 395746              | 100.286 | ug/l   | 100      |
| 31) 2,2-Dichloropropane      | 7.327          | 77   | 179965              | 17.827  | ug/l # | 74       |
| 32) 1,1,1-Trichloroethane    | 8.016          | 97   | 220950              | 19.624  | ug/l   | 97       |
| 33) Carbon Tetrachloride     | 8.209          | 117  | 193880              | 19.373  | ug/l   | 97       |
| 34) Benzene                  | 8.461          | 78   | 511196              | 19.614  | ug/l   | 97       |
| 35) Methacrylonitrile        | 7.638          | 41   | 80413               | 20.336  | ug/l   | 94       |
| 36) 1,2-Dichloroethane       | 8.531          | 62   | 206610              | 21.190  | ug/l   | 99       |
| 37) Trichloroethene          | 9.217          | 130  | 132615              | 19.244  | ug/l   | 96       |
| 38) Methylcyclohexane        | 9.461          | 83   | 187047              | 17.199  | ug/l   | 98       |
| 39) 1,2-Dichloropropane      | 9.491          | 63   | 131162              | 20.316  | ug/l   | 98       |
| 40) Dibromomethane           | 9.579          | 93   | 103253              | 20.262  | ug/l   | 98       |
| 41) Bromodichloromethane     | 9.762          | 83   | 204173              | 20.440  | ug/l   | 93       |
| 42) Vinyl Acetate            | 6.436          | 43   | 1266837             | 86.697  | ug/l   | 96       |

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 Sample : VSTDCCC020  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

Quant Time: Oct 06 01:35:45 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N092821W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Sep 29 08:56:32 2021  
 Response via : Initial Calibration

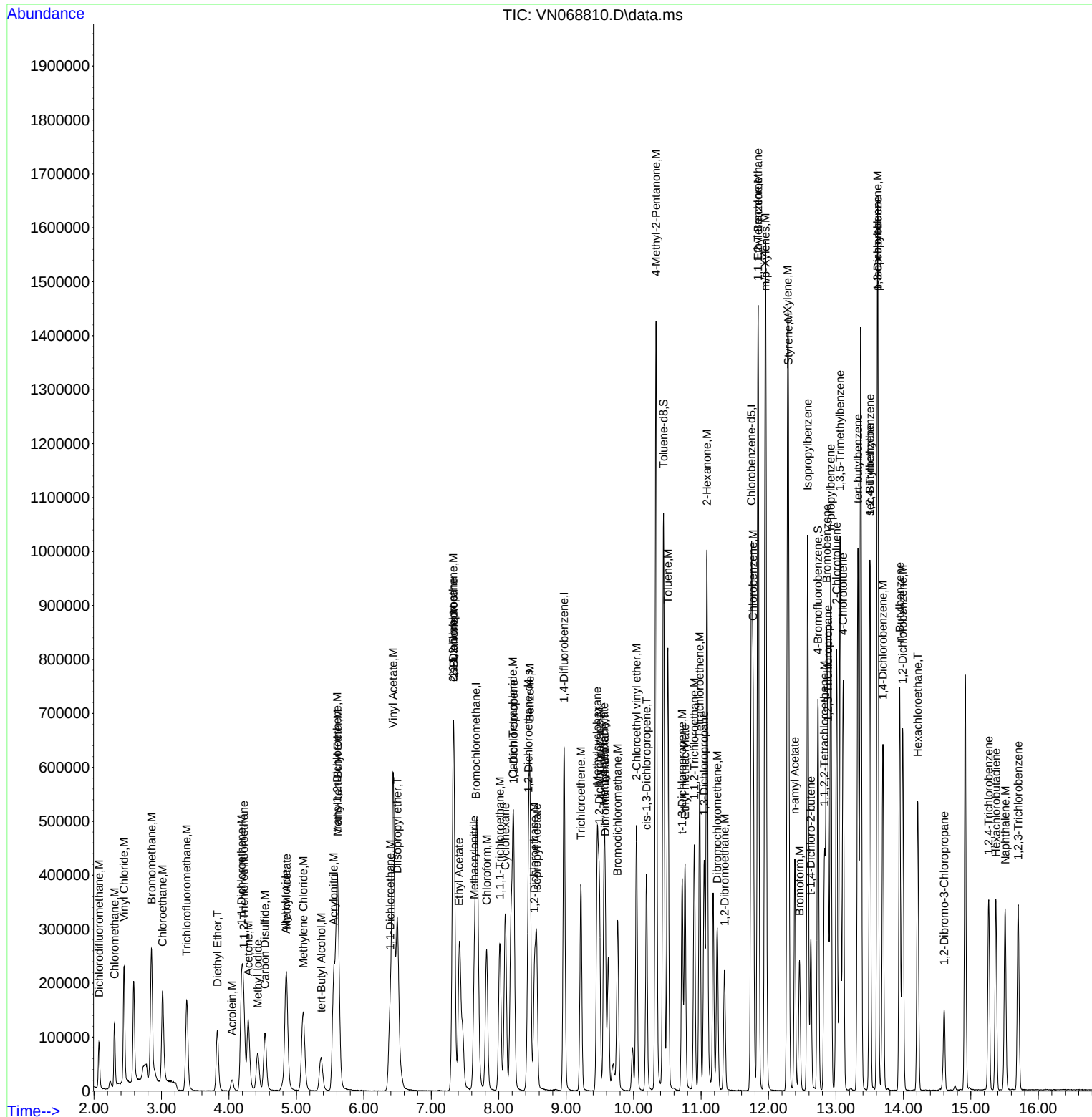
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 7.412  | 43   | 163952   | 20.785  | ug/l # | 80       |
| 44) Isopropyl Acetate         | 8.563  | 43   | 291301   | 20.389  | ug/l   | 99       |
| 45) 1,4-Dioxane               | 9.569  | 88   | 50504    | 436.598 | ug/l   | 99       |
| 46) Methyl methacrylate       | 9.561  | 41   | 124556   | 19.711  | ug/l   | 99       |
| 47) n-amyl Acetate            | 12.390 | 43   | 234331   | 19.368  | ug/l   | 100      |
| 48) t-1,3-Dichloropropene     | 10.719 | 75   | 206335   | 19.008  | ug/l   | 99       |
| 49) cis-1,3-Dichloropropene   | 10.191 | 75   | 212314   | 19.126  | ug/l   | 99       |
| 50) 1,1,2-Trichloroethane     | 10.899 | 97   | 144979   | 20.530  | ug/l   | 98       |
| 51) Ethyl methacrylate        | 10.762 | 69   | 208291   | 19.583  | ug/l   | 99       |
| 52) 1,3-Dichloropropane       | 11.046 | 76   | 234195   | 20.494  | ug/l   | 98       |
| 53) Dibromochloromethane      | 11.240 | 129  | 156149   | 19.466  | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 11.347 | 107  | 146993   | 19.841  | ug/l   | 98       |
| 55) 2-Chloroethyl vinyl ether | 10.043 | 63   | 212011   | 71.393  | ug/l   | 99       |
| 56) Bromoform                 | 12.460 | 173  | 108677   | 18.787  | ug/l # | 99       |
| 58) 4-Methyl-2-Pentanone      | 10.333 | 43   | 934529   | 104.894 | ug/l   | 99       |
| 59) 2-Hexanone                | 11.087 | 43   | 659339   | 101.597 | ug/l   | 99       |
| 61) Tetrachloroethene         | 10.979 | 164  | 118814   | 19.206  | ug/l   | 98       |
| 62) Toluene                   | 10.507 | 91   | 616644   | 19.540  | ug/l   | 99       |
| 64) Chlorobenzene             | 11.771 | 112  | 371419   | 19.180  | ug/l   | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 148560   | 19.779  | ug/l   | 99       |
| 66) Ethyl Benzene             | 11.846 | 91   | 672195   | 18.903  | ug/l   | 98       |
| 67) m/p-Xylenes               | 11.956 | 106  | 522756   | 38.072  | ug/l   | 99       |
| 68) o-Xylene                  | 12.283 | 106  | 255766   | 18.922  | ug/l   | 98       |
| 69) Styrene                   | 12.296 | 104  | 418854   | 18.775  | ug/l   | 99       |
| 70) Isopropylbenzene          | 12.581 | 105  | 670779   | 18.714  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 209878   | 20.782  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 12.881 | 75   | 255146   | 31.183  | ug/l   | 56       |
| 73) Bromobenzene              | 12.862 | 156  | 152198   | 18.757  | ug/l   | 99       |
| 74) n-propylbenzene           | 12.921 | 91   | 762007   | 18.543  | ug/l   | 100      |
| 75) 2-Chlorotoluene           | 13.010 | 91   | 456928   | 19.051  | ug/l   | 99       |
| 76) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 560685   | 18.942  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene   | 12.626 | 75   | 56636    | 17.746  | ug/l   | 97       |
| 78) 4-Chlorotoluene           | 13.106 | 91   | 432876   | 18.222  | ug/l   | 99       |
| 79) tert-butylbenzene         | 13.326 | 119  | 485244   | 18.779  | ug/l   | 100      |
| 80) 1,2,4-Trimethylbenzene    | 13.503 | 105  | 681134   | 23.212  | ug/l   | 100      |
| 81) sec-Butylbenzene          | 13.503 | 105  | 681134   | 18.387  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 13.618 | 119  | 548518   | 17.876  | ug/l   | 100      |
| 83) 1,3-Dichlorobenzene       | 13.618 | 146  | 273261   | 18.154  | ug/l   | 100      |
| 84) 1,4-Dichlorobenzene       | 13.696 | 146  | 258613   | 18.060  | ug/l   | 98       |
| 85) n-Butylbenzene            | 13.946 | 91   | 430659   | 17.061  | ug/l   | 98       |
| 86) Hexachloroethane          | 14.211 | 117  | 106887   | 18.509  | ug/l   | 99       |
| 87) 1,2-Dichlorobenzene       | 13.989 | 146  | 270595   | 19.443  | ug/l   | 98       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.605 | 75   | 36682    | 20.309  | ug/l   | 97       |
| 89) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 112531   | 16.458  | ug/l   | 97       |
| 90) Hexachlorobutadiene       | 15.373 | 225  | 61771    | 18.125  | ug/l   | 95       |
| 91) Naphthalene               | 15.509 | 128  | 308499   | 15.985  | ug/l   | 98       |
| 92) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 113088   | 17.251  | ug/l   | 99       |

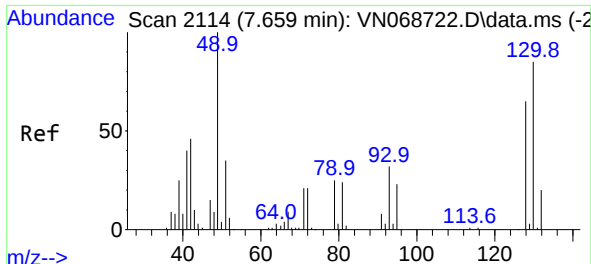
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Sample : VSTDCCC020  
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 ALS Vial : 14 Sample Multiplier: 1

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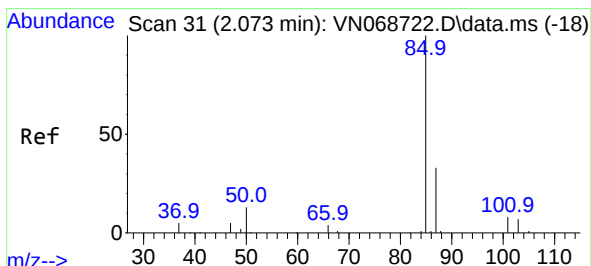
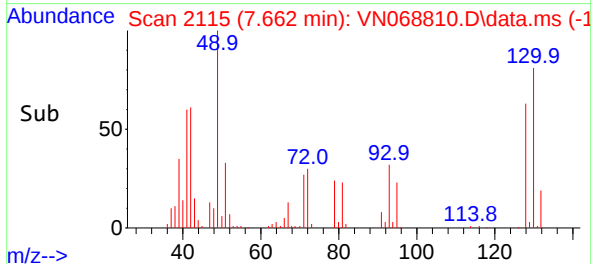
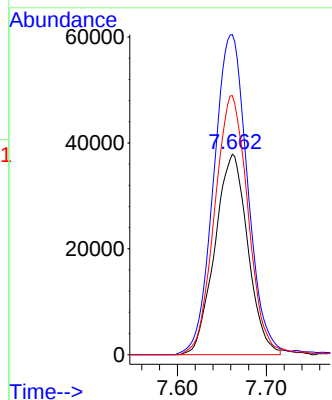
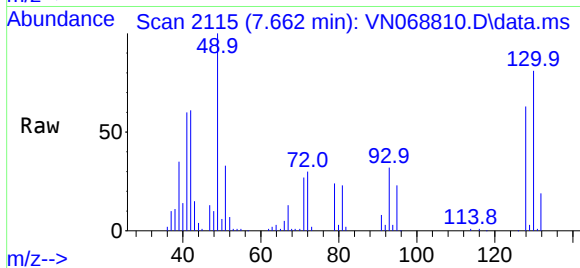


#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.662 min Scan# 2115  
Delta R.T. 0.003 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Tgt Ion:128 Resp: 97283

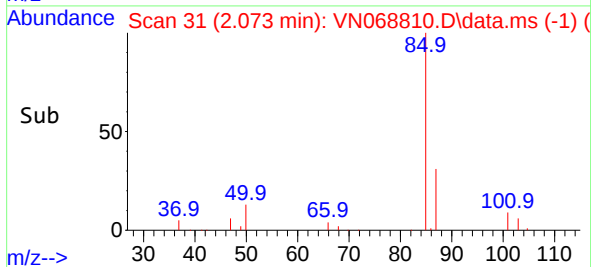
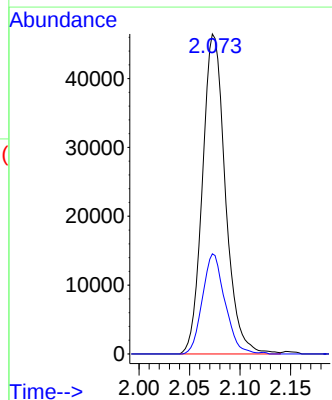
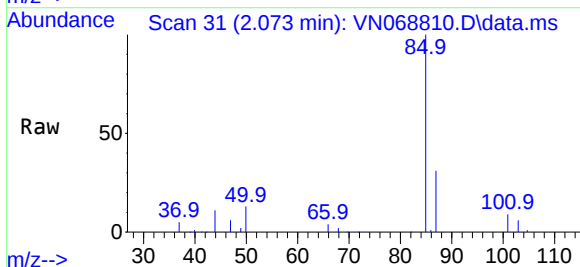
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 49  | 164.0 | 0.0   | 392.3 |
| 130 | 131.3 | 0.0   | 320.2 |

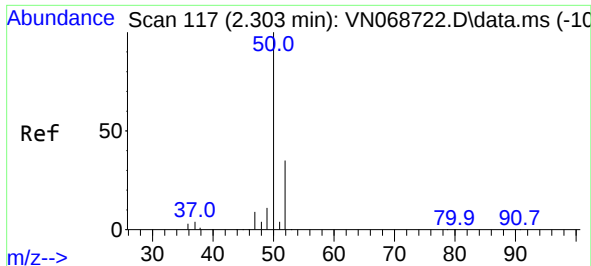


#2  
Dichlorodifluoromethane  
Concen: 17.030 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 85 Resp: 73471

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 85  | 100   |       |       |
| 87  | 31.3  | 16.6  | 49.7  |

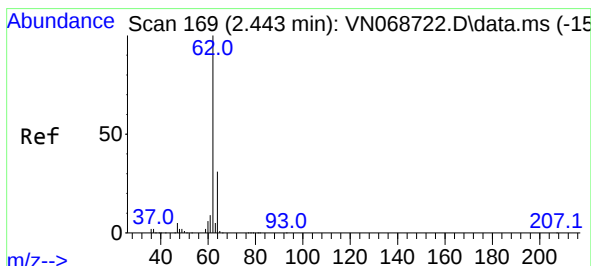
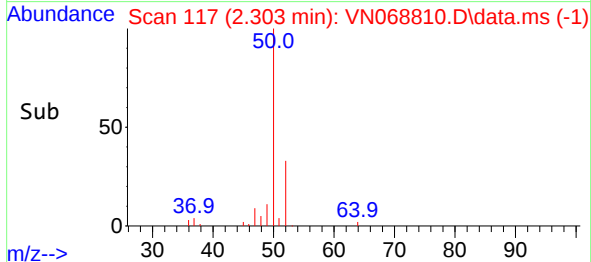
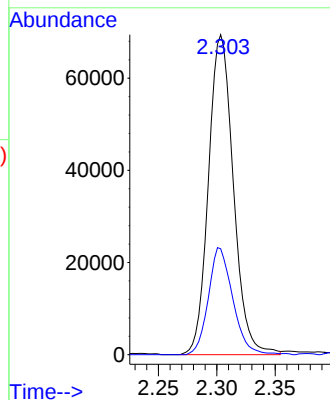
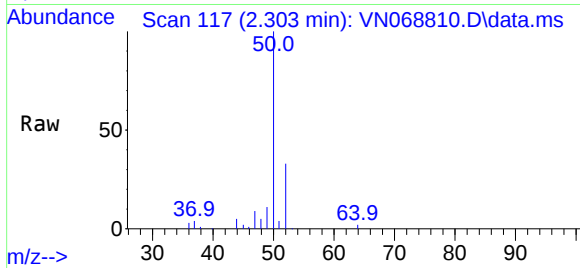




#3  
Chloromethane  
Concen: 18.687 ug/l  
RT: 2.303 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

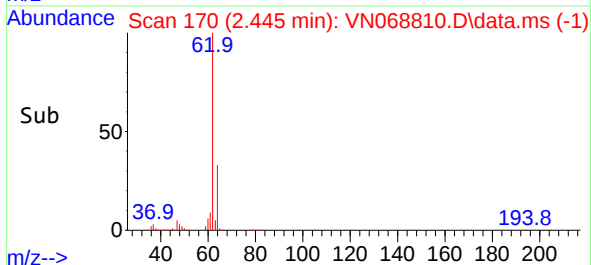
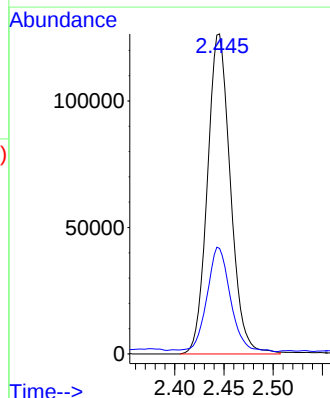
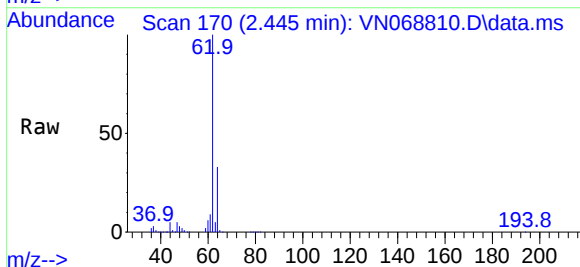
Instrument :  
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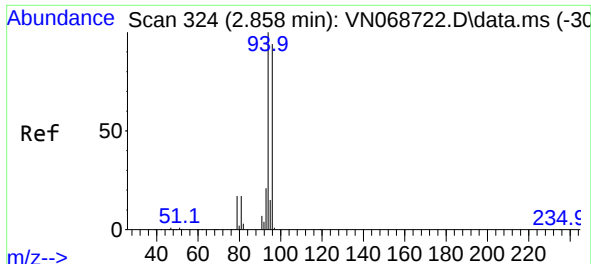
Tgt Ion: 50 Resp: 103176  
Ion Ratio Lower Upper  
50 100  
52 33.1 27.8 41.6



#4  
Vinyl Chloride  
Concen: 19.155 ug/l  
RT: 2.445 min Scan# 170  
Delta R.T. 0.002 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 62 Resp: 206179  
Ion Ratio Lower Upper  
62 100  
64 32.1 25.1 37.7

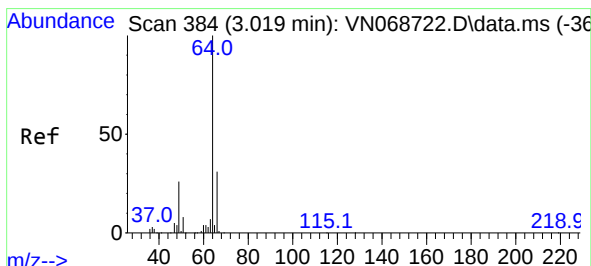
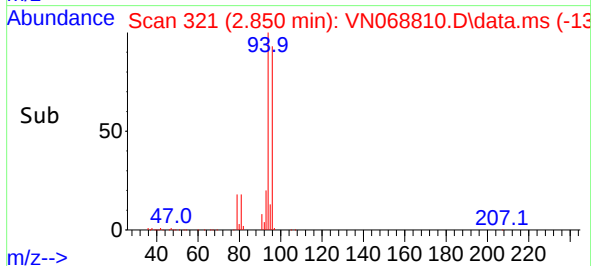
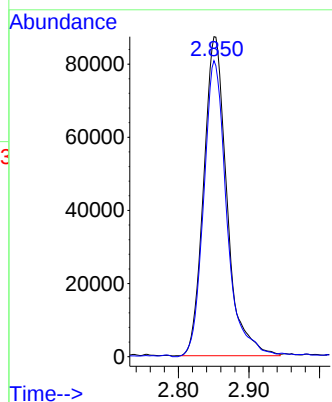
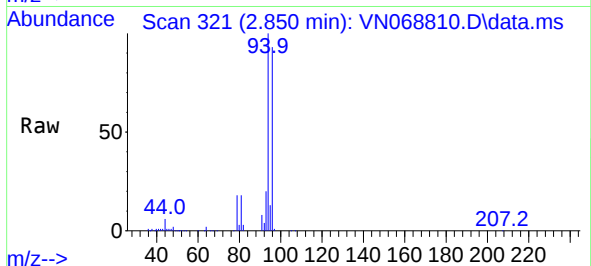




#5  
Bromomethane  
Concen: 19.123 ug/l  
RT: 2.850 min Scan# 321  
Delta R.T. -0.008 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

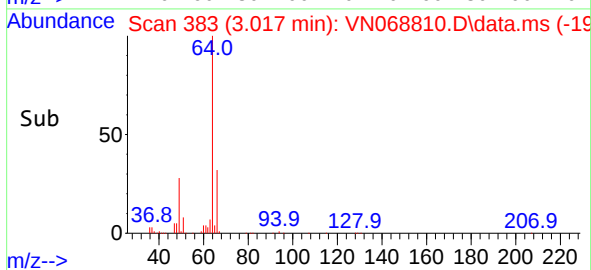
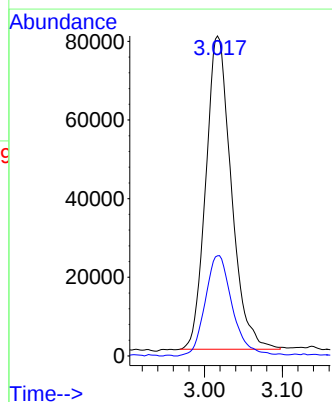
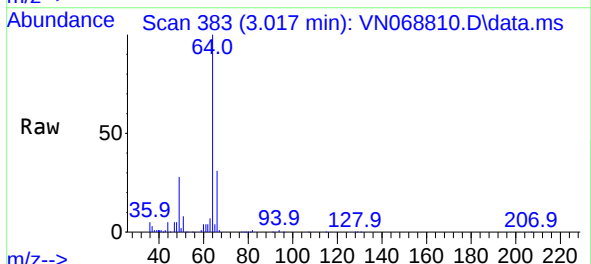
Instrument :  
MSVOA\_N  
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VSTDCCC020EC

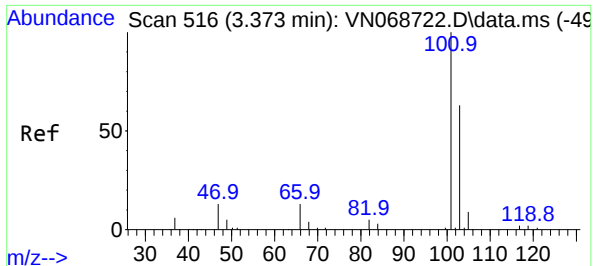
Tgt Ion: 94 Resp: 199790  
Ion Ratio Lower Upper  
94 100  
96 92.5 75.2 112.8



#6  
Chloroethane  
Concen: 20.685 ug/l  
RT: 3.017 min Scan# 383  
Delta R.T. -0.002 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 64 Resp: 180992  
Ion Ratio Lower Upper  
64 100  
66 31.8 24.6 36.8

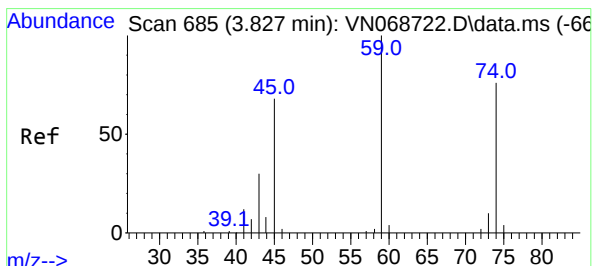
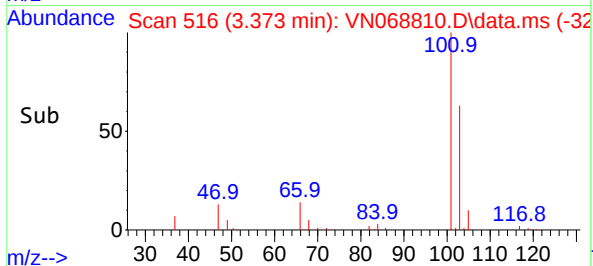
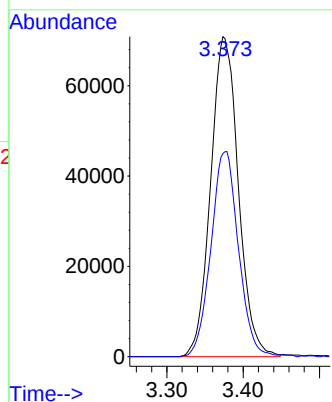
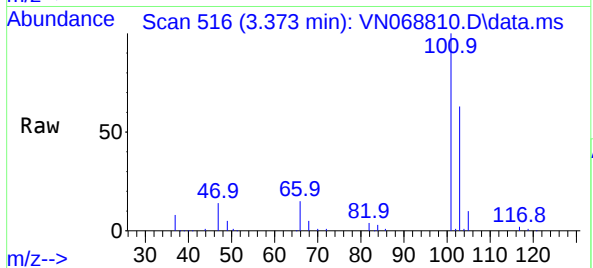




#7  
Trichlorofluoromethane  
Concen: 19.905 ug/l  
RT: 3.373 min Scan# 516  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

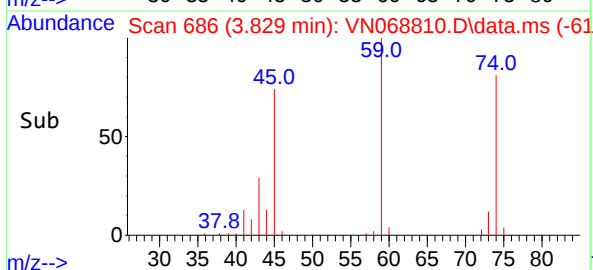
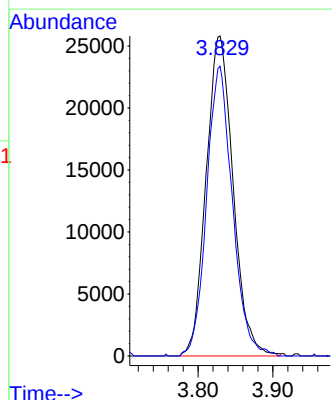
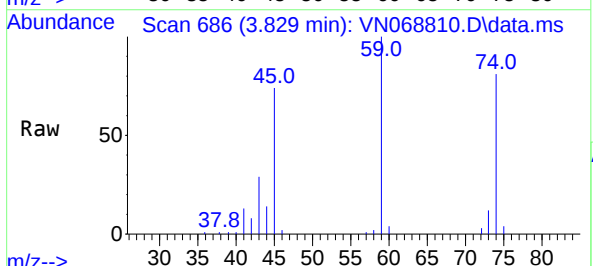
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

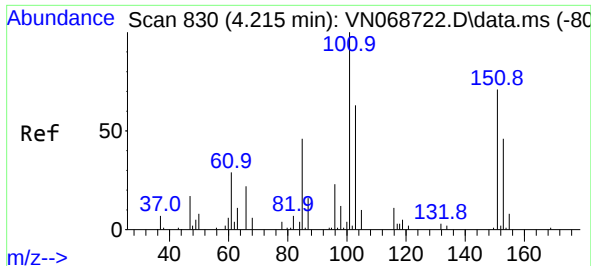
Tgt Ion:101 Resp: 178721  
Ion Ratio Lower Upper  
101 100  
103 63.5 50.1 75.1



#8  
Diethyl Ether  
Concen: 21.069 ug/l  
RT: 3.829 min Scan# 686  
Delta R.T. 0.002 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 74 Resp: 64783  
Ion Ratio Lower Upper  
74 100  
45 85.7 17.6 158.8



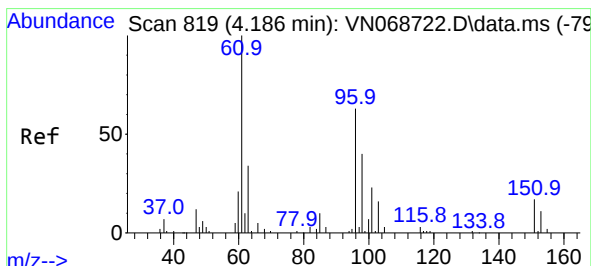
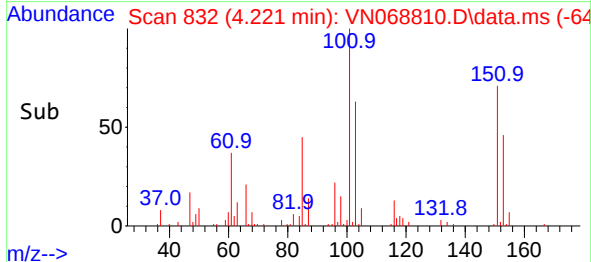
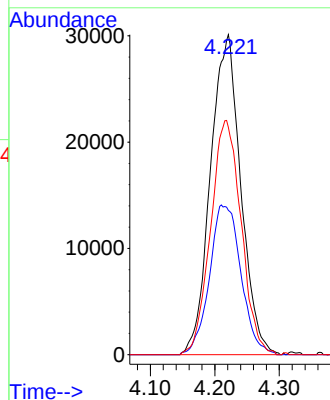
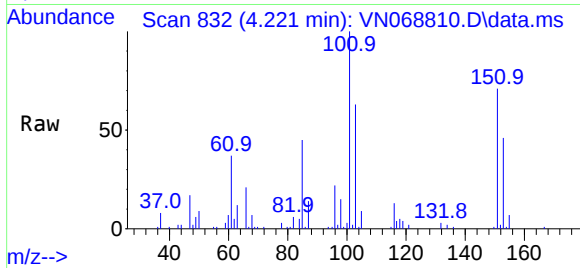


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.907 ug/l  
RT: 4.221 min Scan# 832  
Delta R.T. 0.006 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Tgt Ion:101 Resp: 98283

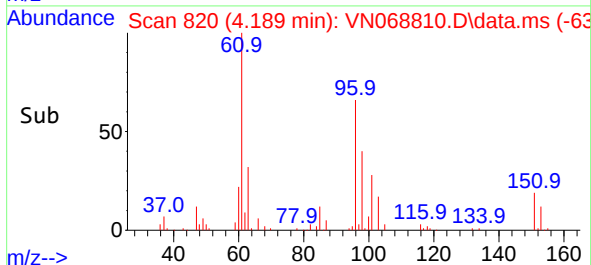
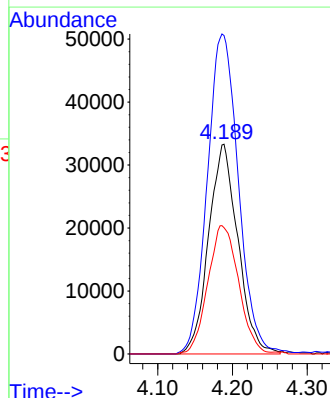
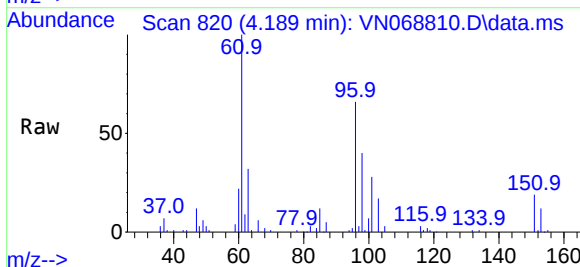
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 101 | 100   |       |       |
| 85  | 22.3  | 0.0   | 94.0  |
| 151 | 73.6  | 0.0   | 74.6  |

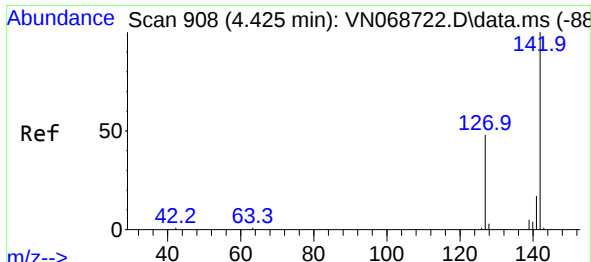


#10  
1,1-Dichloroethene  
Concen: 18.907 ug/l  
RT: 4.189 min Scan# 820  
Delta R.T. 0.003 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 96 Resp: 90702

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 150.7 | 126.2 | 189.4 |
| 98  | 59.6  | 50.9  | 76.3  |

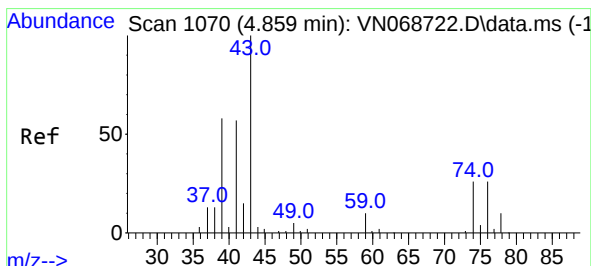
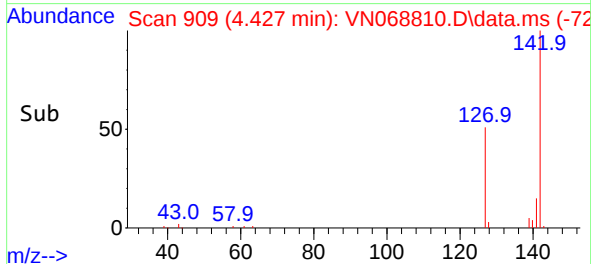
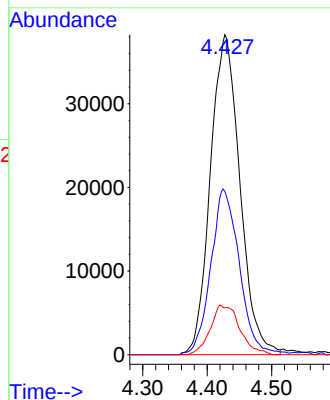
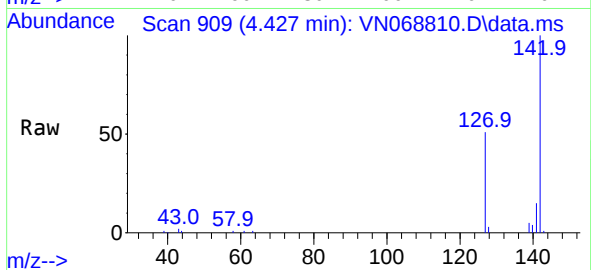




#11  
Methyl Iodide  
Concen: 21.040 ug/l  
RT: 4.427 min Scan# 909  
Delta R.T. 0.002 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

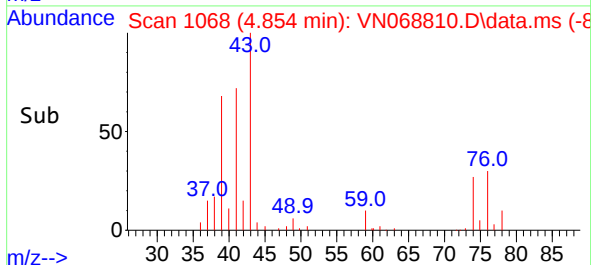
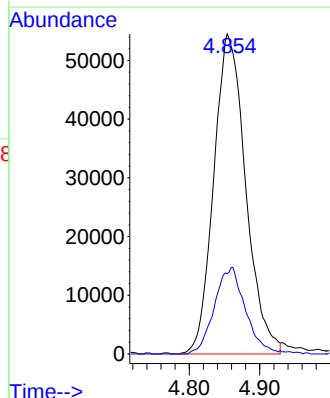
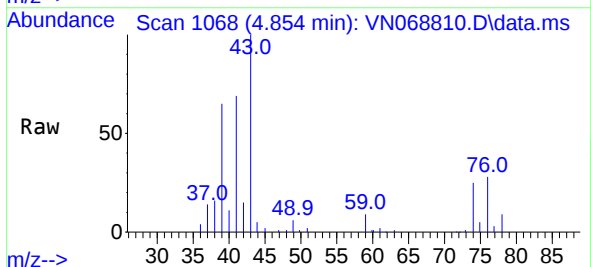
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

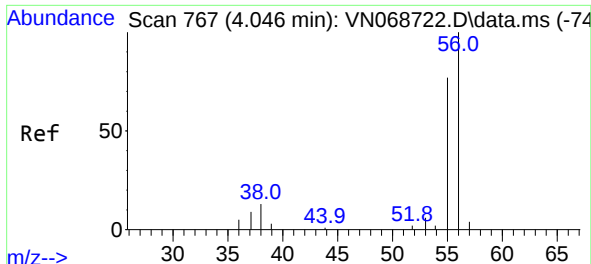
Tgt Ion:142 Resp: 121741  
Ion Ratio Lower Upper  
142 100  
127 51.0 24.0 72.0  
141 14.8 8.4 25.2



#12  
Methyl Acetate  
Concen: 20.704 ug/l  
RT: 4.854 min Scan# 1068  
Delta R.T. -0.005 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 43 Resp: 171526  
Ion Ratio Lower Upper  
43 100  
74 25.0 20.8 31.2

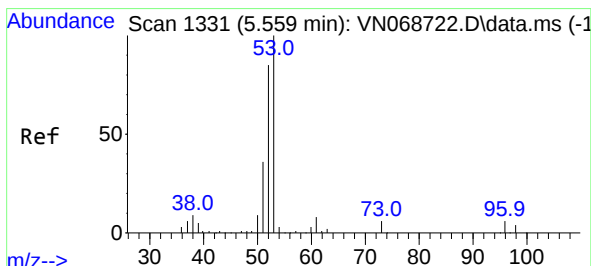
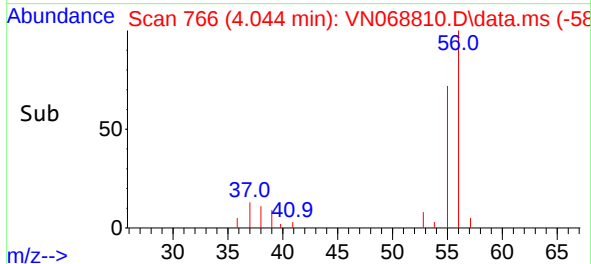
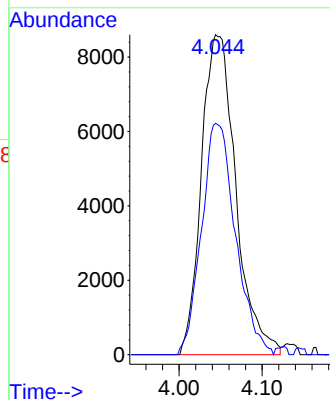
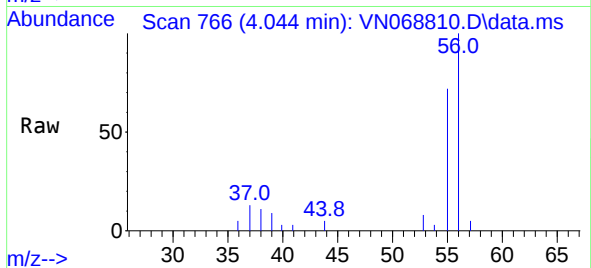




#13  
Acrolein  
Concen: 71.183 ug/l  
RT: 4.044 min Scan# 766  
Delta R.T. -0.002 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

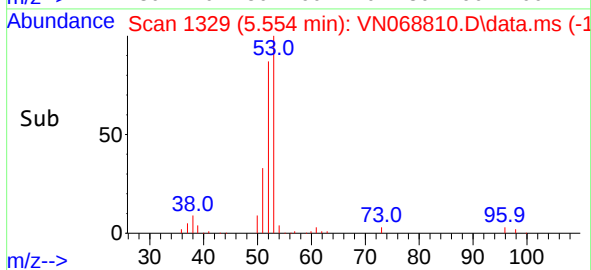
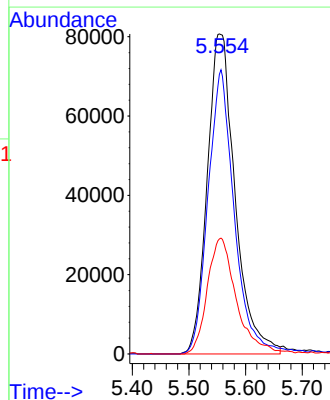
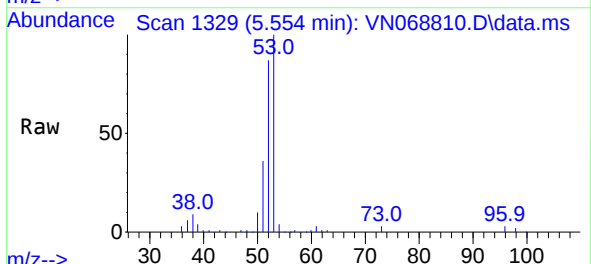
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

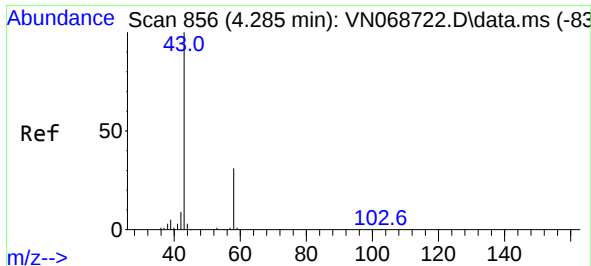
Tgt Ion: 56 Resp: 24758  
Ion Ratio Lower Upper  
56 100  
55 71.4 57.6 86.4



#14  
Acrylonitrile  
Concen: 103.901 ug/l  
RT: 5.554 min Scan# 1329  
Delta R.T. -0.005 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 53 Resp: 276447  
Ion Ratio Lower Upper  
53 100  
52 83.4 41.8 125.4  
51 37.4 19.0 57.0

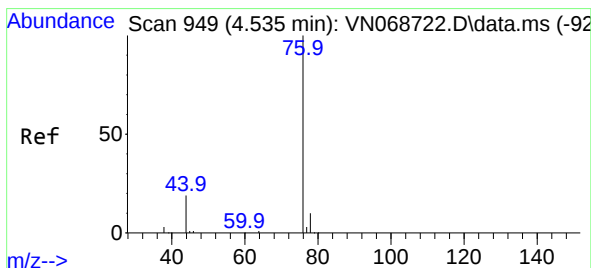
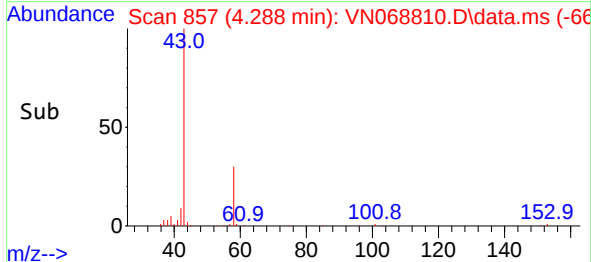
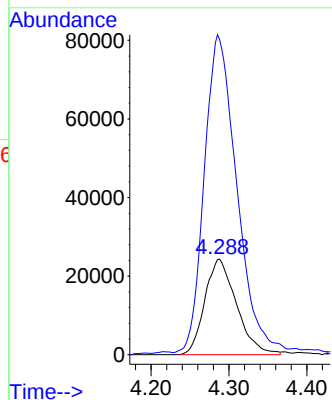
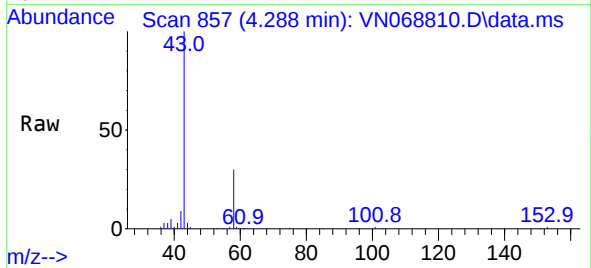




#15  
Acetone  
Concen: 93.465 ug/l  
RT: 4.288 min Scan# 857  
Delta R.T. 0.003 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

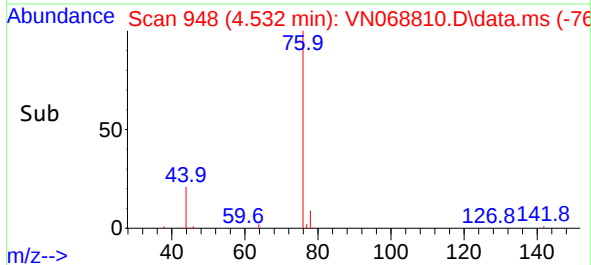
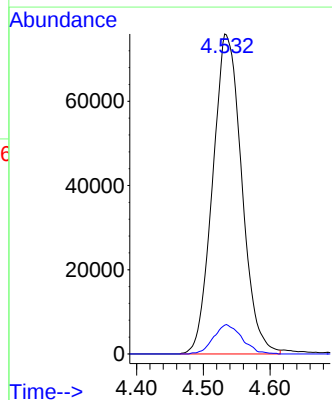
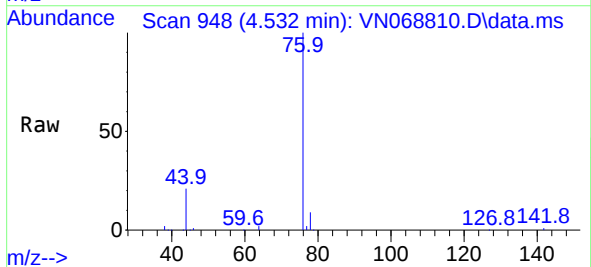
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

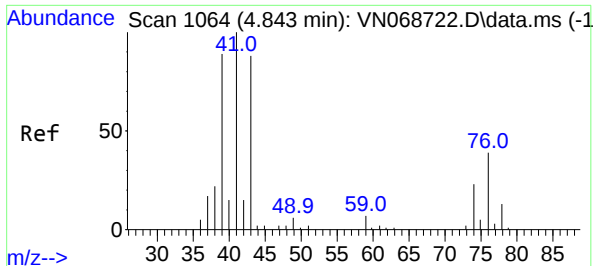
Tgt Ion: 58 Resp: 68887  
Ion Ratio Lower Upper  
58 100  
43 325.4 256.6 384.8



#16  
Carbon Disulfide  
Concen: 17.690 ug/l  
RT: 4.532 min Scan# 948  
Delta R.T. -0.003 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 76 Resp: 229803  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.8 11.8



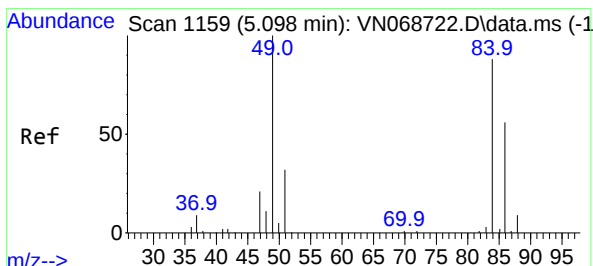
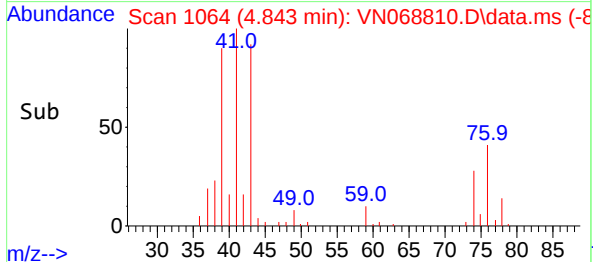
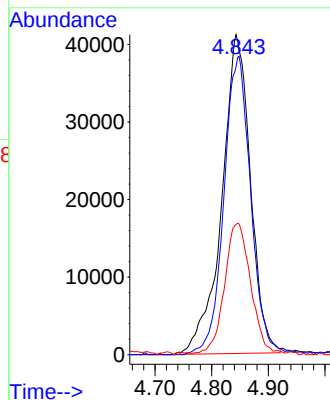
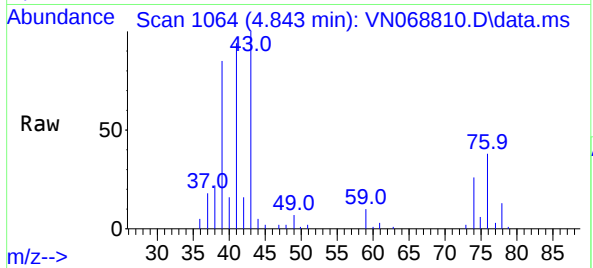


#17  
 Allyl chloride  
 Concen: 18.965 ug/l  
 RT: 4.843 min Scan# 1064  
 Delta R.T. 0.000 min  
 Lab File: VN068810.D  
 Acq: 5 Oct 2021 18:16

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

Tgt Ion: 41 Resp: 144555

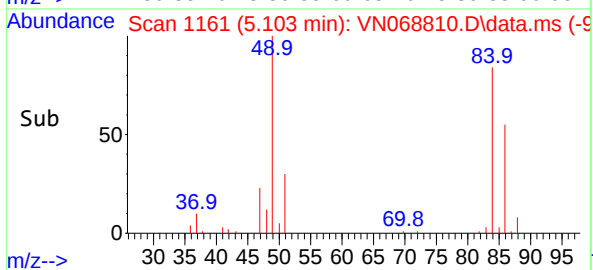
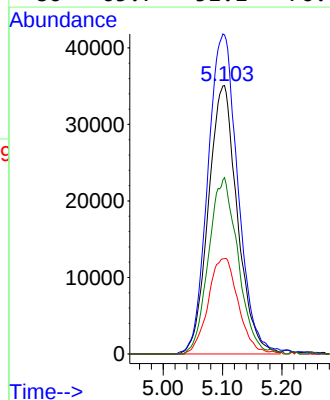
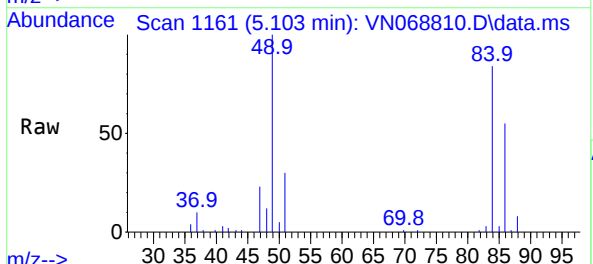
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 90.5  | 44.6  | 134.0 |
| 76  | 40.1  | 19.6  | 58.7  |

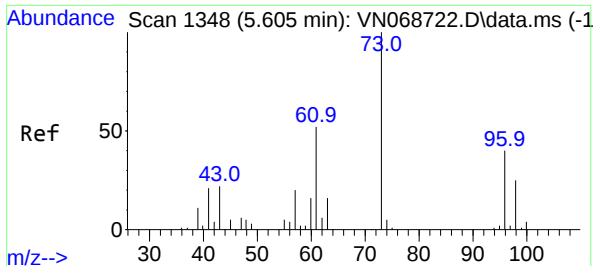


#18  
 Methylene Chloride  
 Concen: 19.754 ug/l  
 RT: 5.103 min Scan# 1161  
 Delta R.T. 0.005 min  
 Lab File: VN068810.D  
 Acq: 5 Oct 2021 18:16

Tgt Ion: 84 Resp: 119024

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 118.1 | 91.4  | 137.0 |
| 51  | 35.5  | 29.4  | 44.0  |
| 86  | 65.7  | 51.1  | 76.7  |

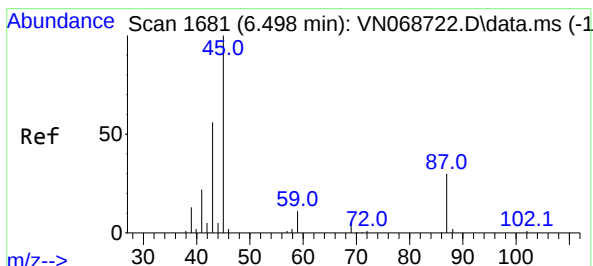
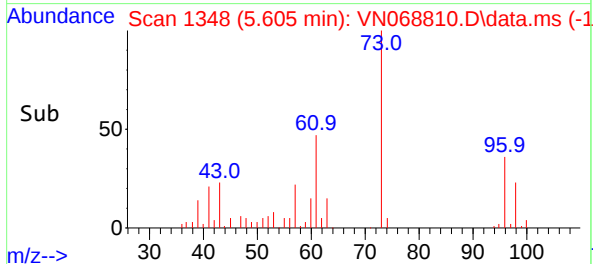
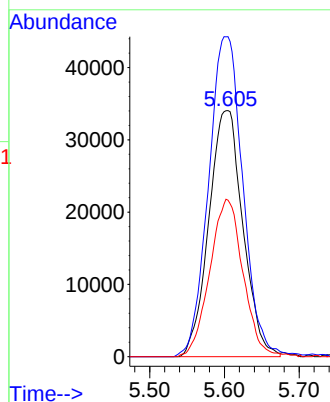
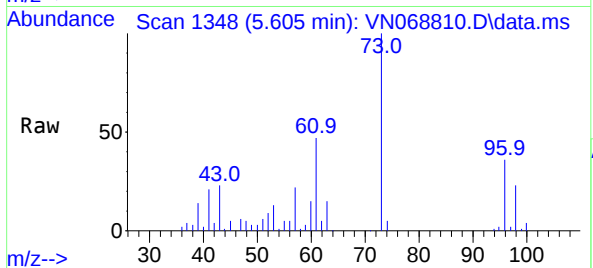




#19  
trans-1,2-Dichloroethene  
Concen: 19.016 ug/l  
RT: 5.605 min Scan# 1348  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

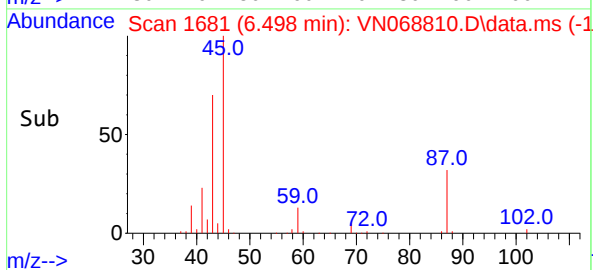
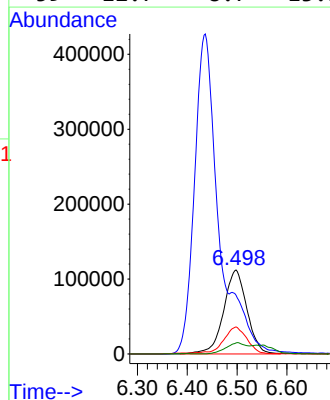
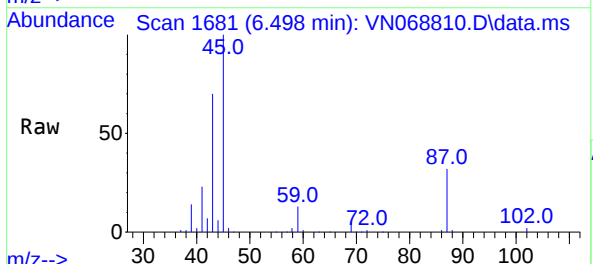
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

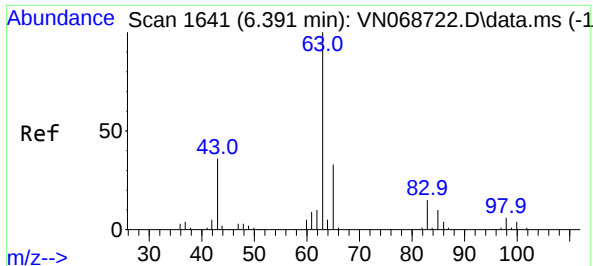
Tgt Ion: 96 Resp: 107818  
Ion Ratio Lower Upper  
96 100  
61 128.4 102.8 154.2  
98 62.9 49.3 73.9



#20  
Diisopropyl ether  
Concen: 20.554 ug/l  
RT: 6.498 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 45 Resp: 364287  
Ion Ratio Lower Upper  
45 100  
43 66.9 51.0 76.4  
87 32.1 25.0 37.4  
59 12.7 8.7 13.1

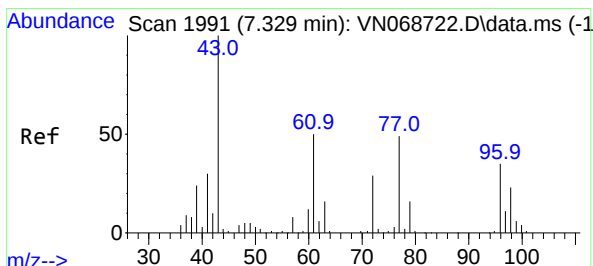
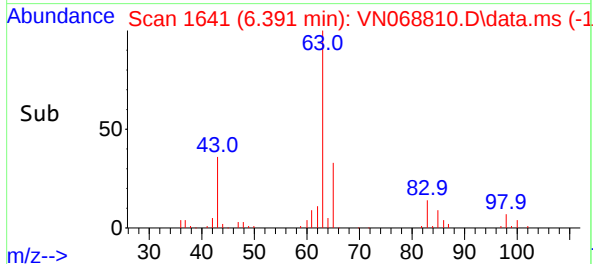
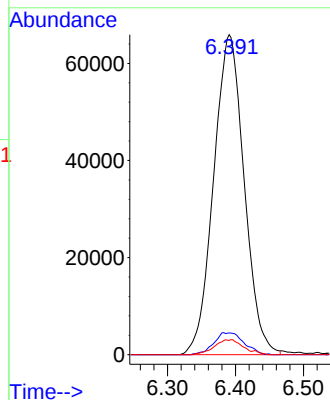
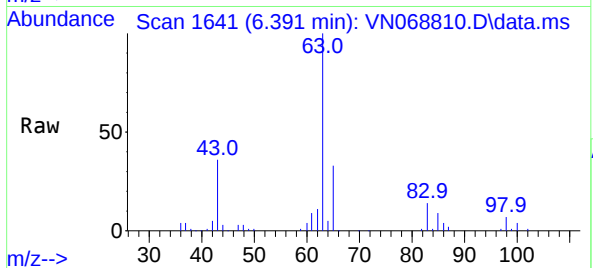




#21  
1,1-Dichloroethane  
Concen: 19.993 ug/l  
RT: 6.391 min Scan# 1641  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

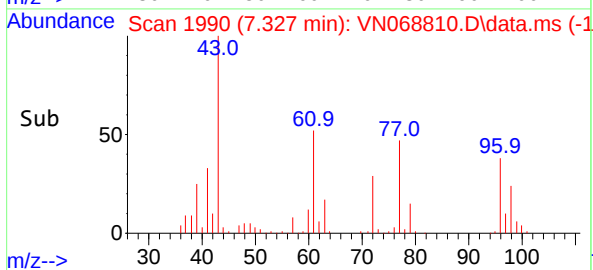
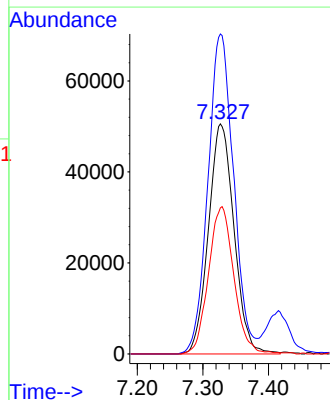
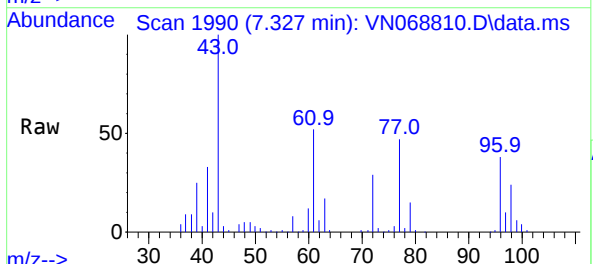
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

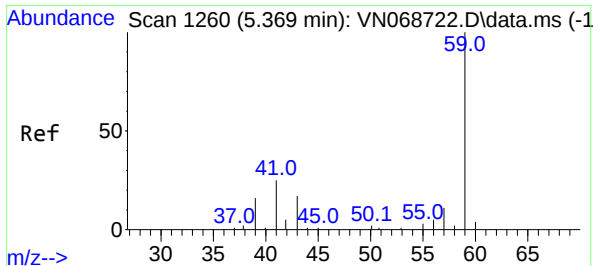
Tgt Ion: 63 Resp: 205699  
Ion Ratio Lower Upper  
63 100  
98 6.8 3.2 9.6  
100 4.5 2.1 6.2



#22  
cis-1,2-Dichloroethene  
Concen: 19.892 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. -0.002 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 96 Resp: 137235  
Ion Ratio Lower Upper  
96 100  
61 139.2 115.7 173.5  
98 63.1 51.6 77.4



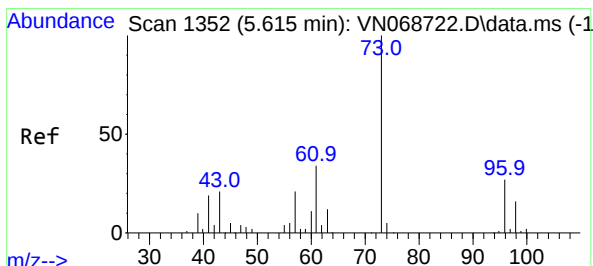
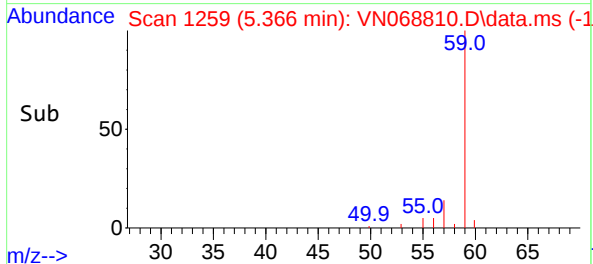
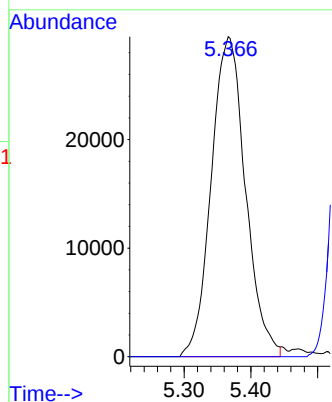
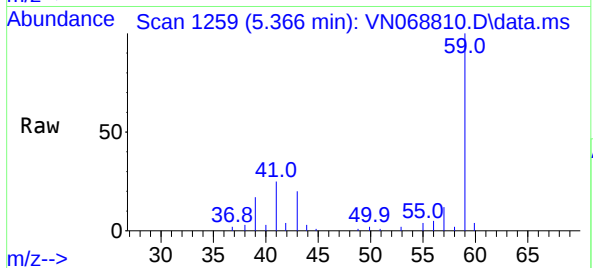


#23

tert-Butyl Alcohol  
Concen: 106.210 ug/l  
RT: 5.366 min Scan# 1259  
Delta R.T. -0.003 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

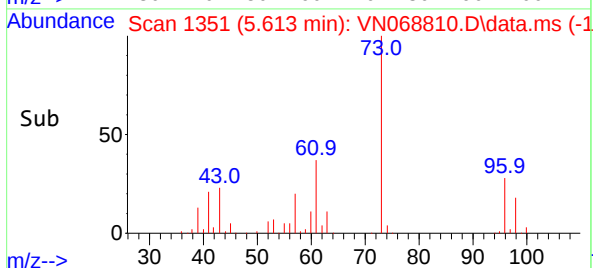
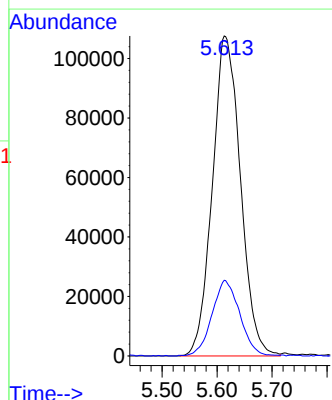
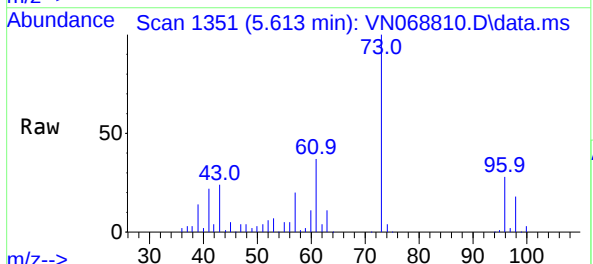
Tgt Ion: 59 Resp: 104853  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0

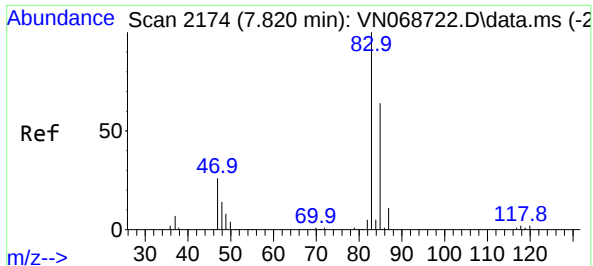


#24

Methyl tert-Butyl Ether  
Concen: 20.264 ug/l  
RT: 5.613 min Scan# 1351  
Delta R.T. -0.002 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 73 Resp: 381851  
Ion Ratio Lower Upper  
73 100  
43 23.0 18.1 27.1

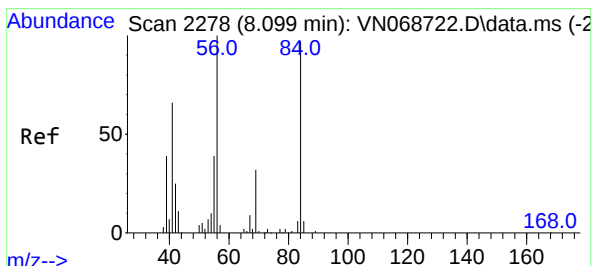
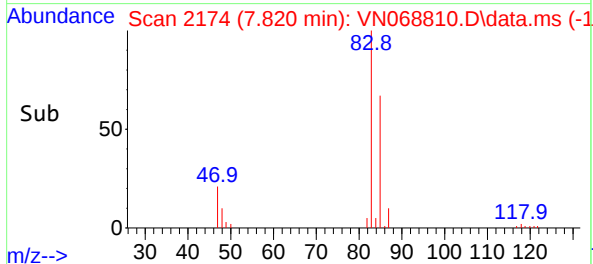
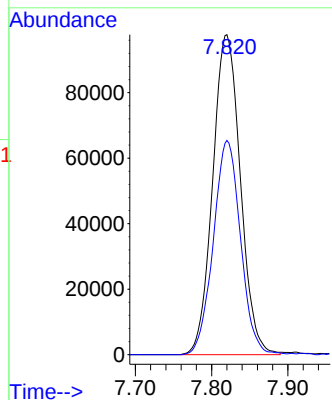
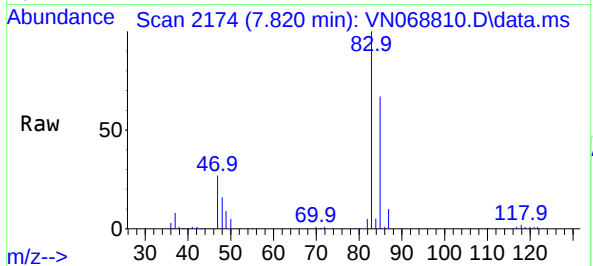




#25  
Chloroform  
Concen: 20.338 ug/l  
RT: 7.820 min Scan# 2174  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

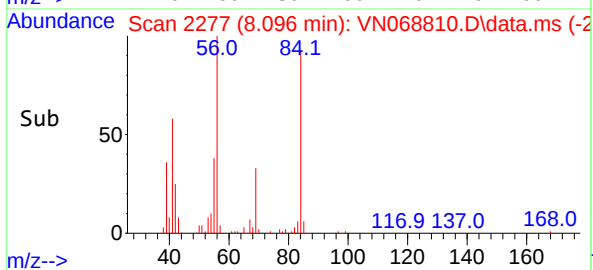
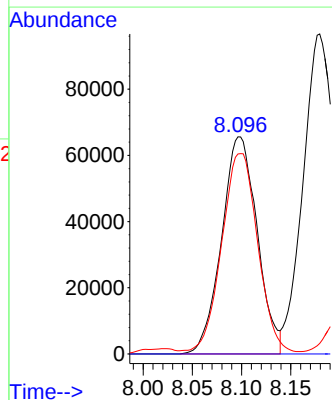
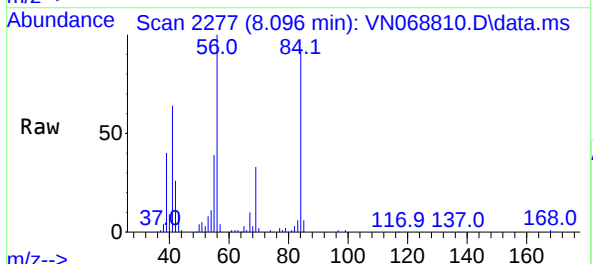
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

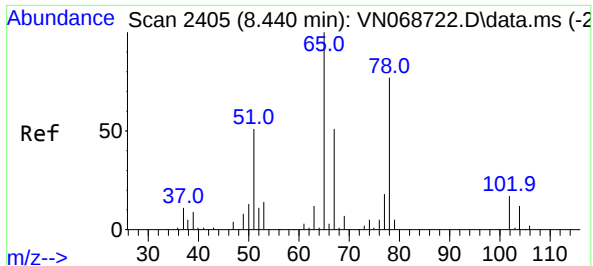
Tgt Ion: 83 Resp: 246711  
Ion Ratio Lower Upper  
83 100  
85 66.9 51.3 76.9



#26  
Cyclohexane  
Concen: 18.484 ug/l  
RT: 8.096 min Scan# 2277  
Delta R.T. -0.003 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 56 Resp: 165531  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.1 0.1#  
84 91.4 74.6 111.8

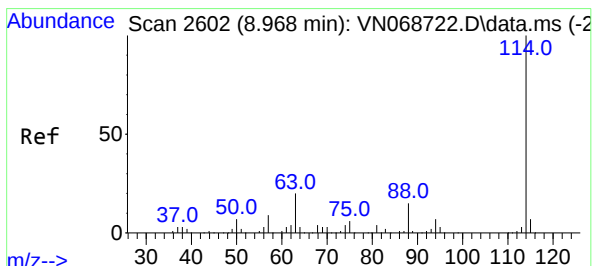
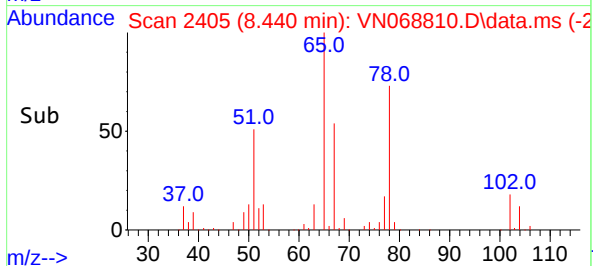
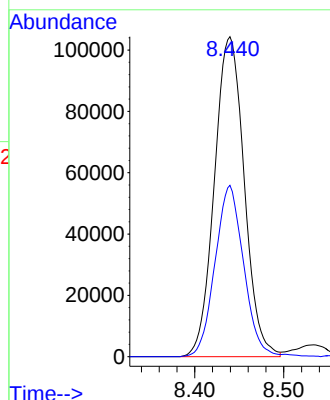
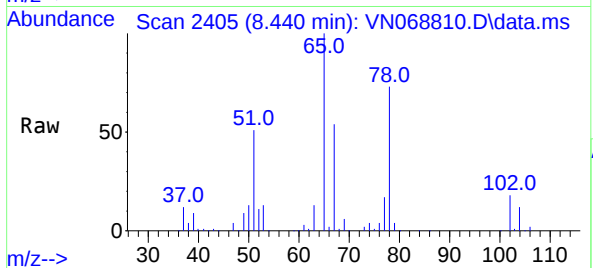




#27  
1,2-Dichloroethane-d4  
Concen: 32.460 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

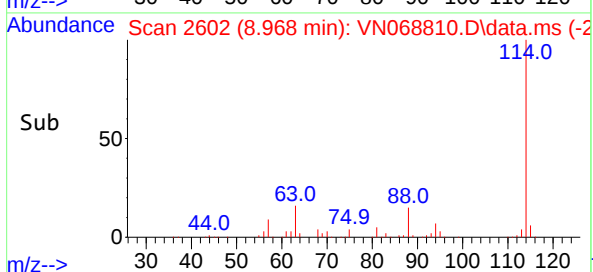
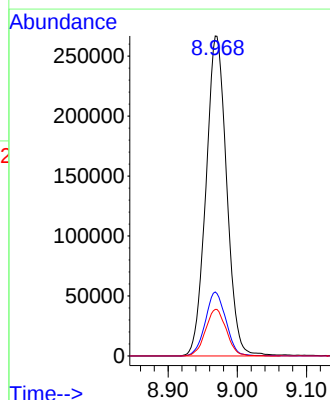
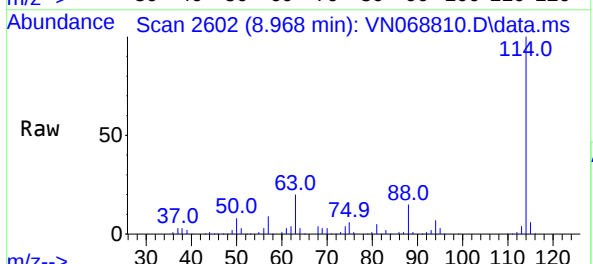
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

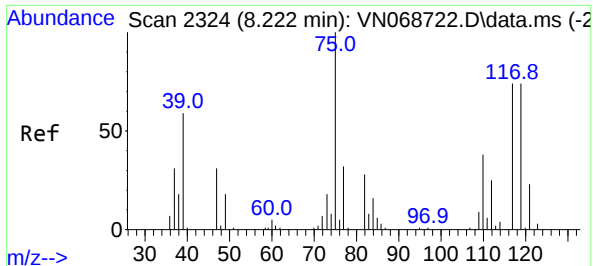
Tgt Ion: 65 Resp: 243404  
Ion Ratio Lower Upper  
65 100  
67 51.1 40.2 60.2



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 114 Resp: 552848  
Ion Ratio Lower Upper  
114 100  
63 19.9 15.8 23.6  
88 14.7 11.6 17.4

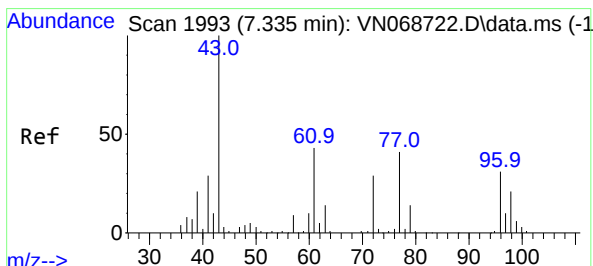
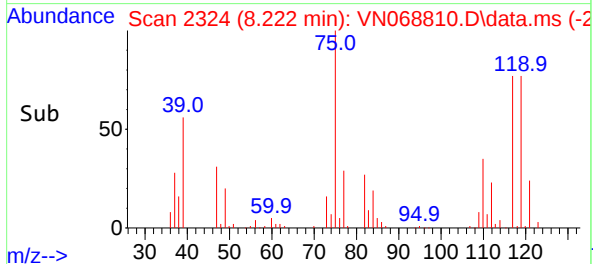
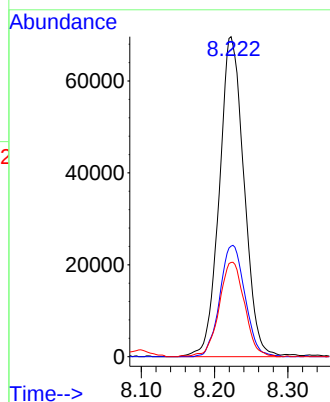
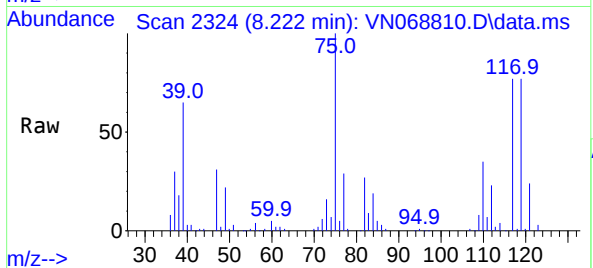




#29  
1,1-Dichloropropene  
Concen: 18.532 ug/l  
RT: 8.222 min Scan# 2324  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

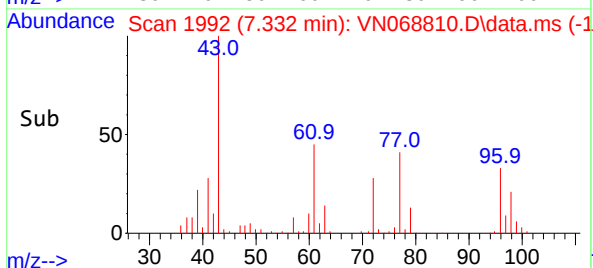
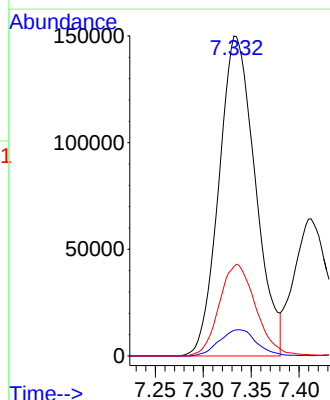
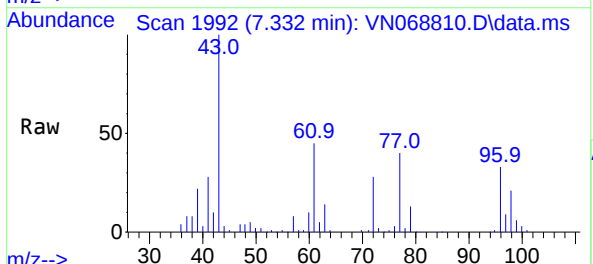
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

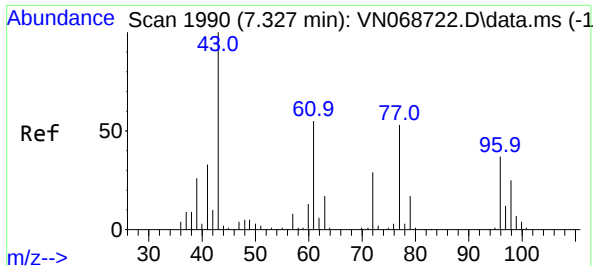
Tgt Ion: 75 Resp: 162811  
Ion Ratio Lower Upper  
75 100  
110 35.5 0.0 74.2  
77 29.4 0.0 63.2



#30  
2-Butanone  
Concen: 100.286 ug/l  
RT: 7.332 min Scan# 1992  
Delta R.T. -0.003 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 43 Resp: 395746  
Ion Ratio Lower Upper  
43 100  
57 8.4 6.7 10.1  
72 28.9 23.2 34.8

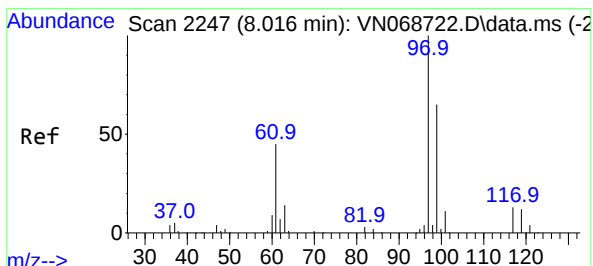
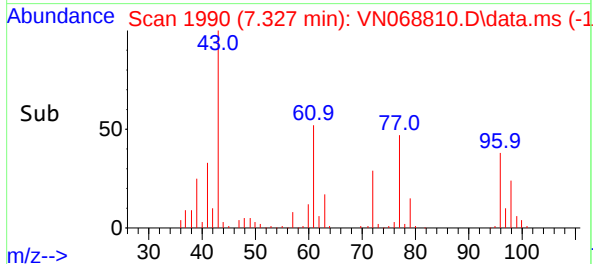
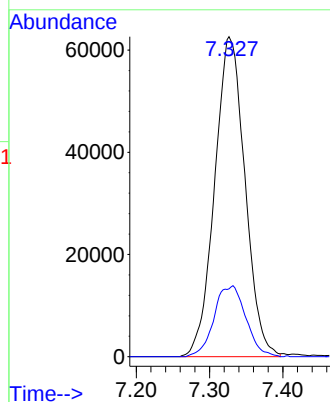
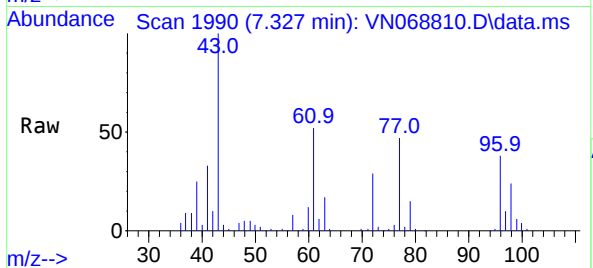




#31  
2,2-Dichloropropane  
Concen: 17.827 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

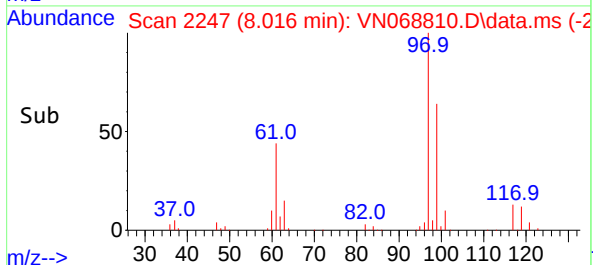
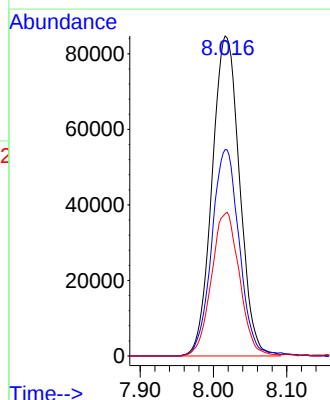
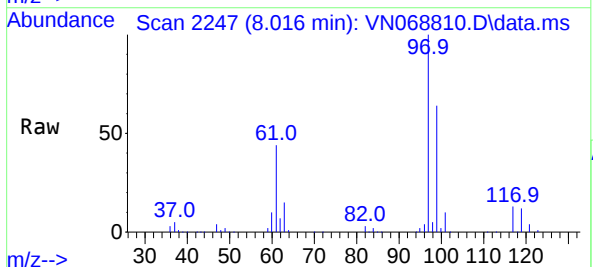
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

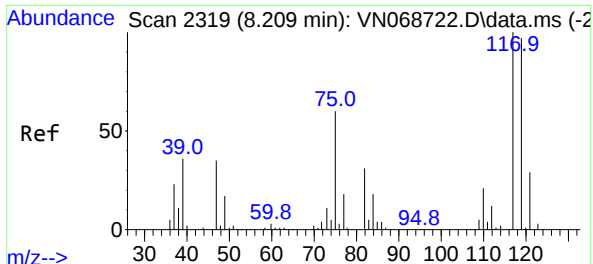
Tgt Ion: 77 Resp: 179965  
Ion Ratio Lower Upper  
77 100  
97 10.4 18.3 27.5#



#32  
1,1,1-Trichloroethane  
Concen: 19.624 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 97 Resp: 220950  
Ion Ratio Lower Upper  
97 100  
99 64.3 50.4 75.6  
61 45.7 34.6 51.8

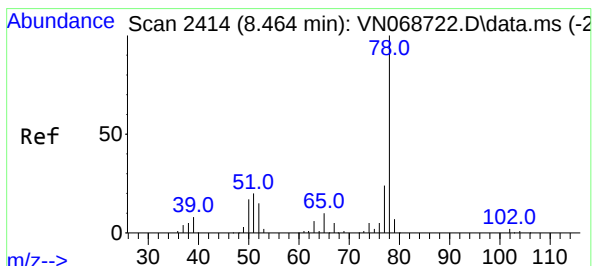
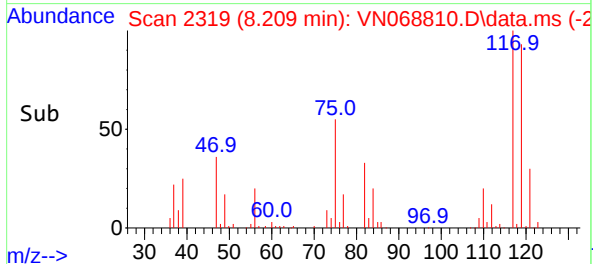
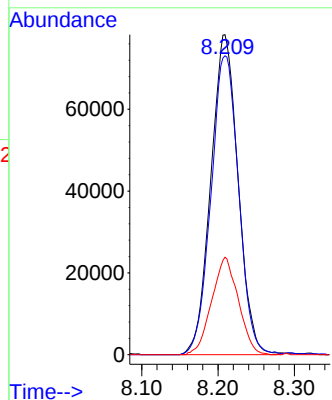
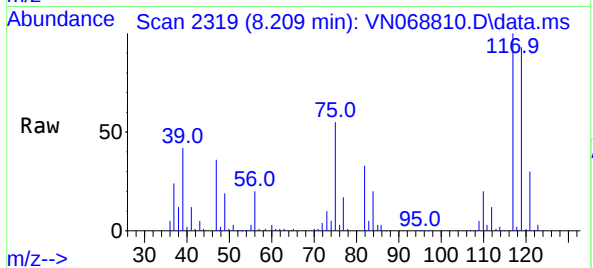




#33  
Carbon Tetrachloride  
Concen: 19.373 ug/l  
RT: 8.209 min Scan# 2319  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

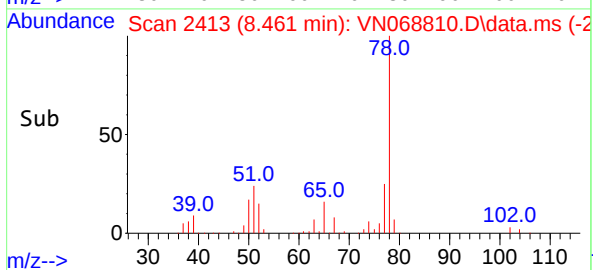
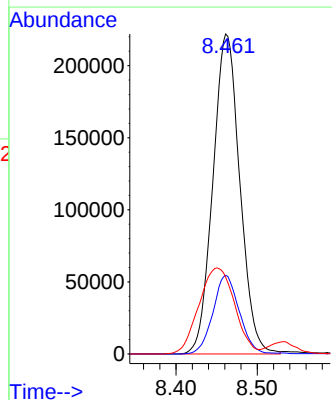
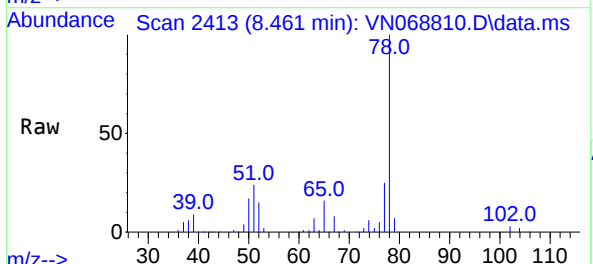
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

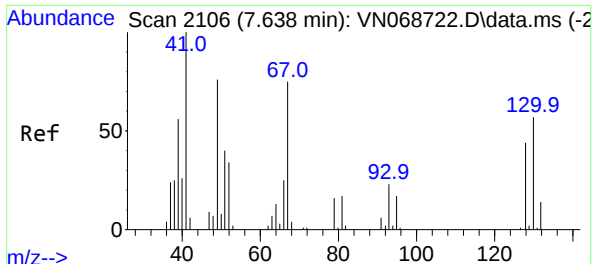
Tgt Ion:117 Resp: 193880  
Ion Ratio Lower Upper  
117 100  
119 93.4 77.5 116.3  
121 30.4 23.5 35.3



#34  
Benzene  
Concen: 19.614 ug/l  
RT: 8.461 min Scan# 2413  
Delta R.T. -0.003 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 78 Resp: 511196  
Ion Ratio Lower Upper  
78 100  
77 24.6 19.1 28.7  
51 22.5 16.0 24.0

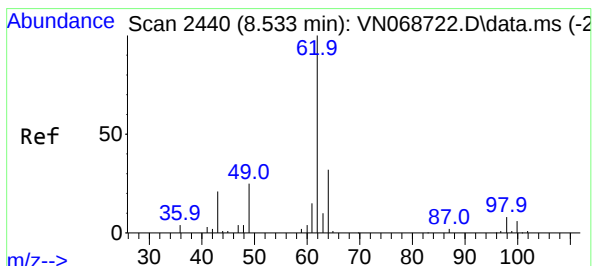
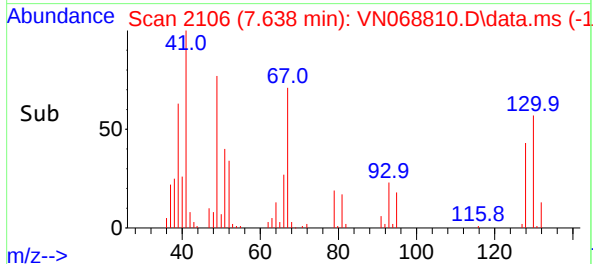
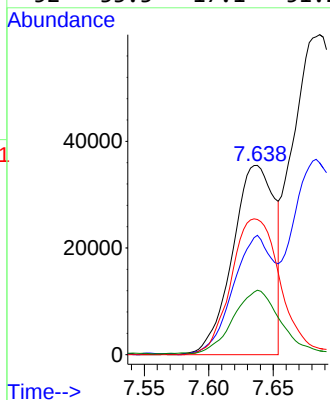
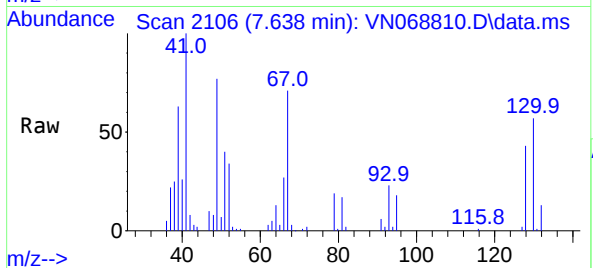




#35  
Methacrylonitrile  
Concen: 20.336 ug/l  
RT: 7.638 min Scan# 2106  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

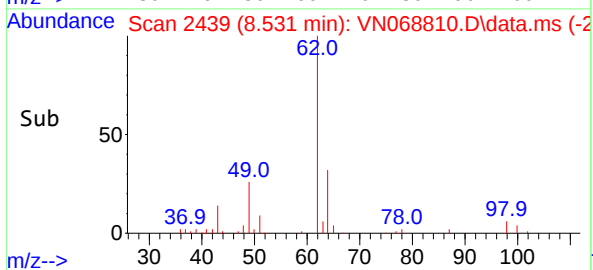
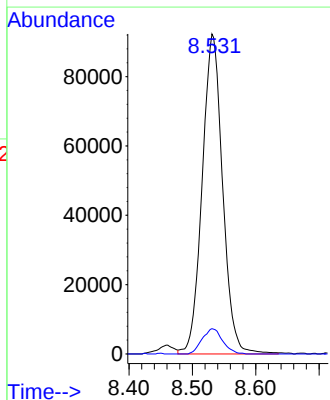
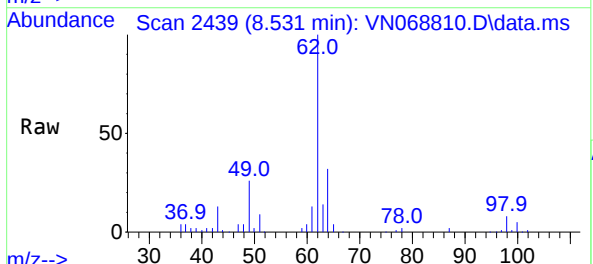
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

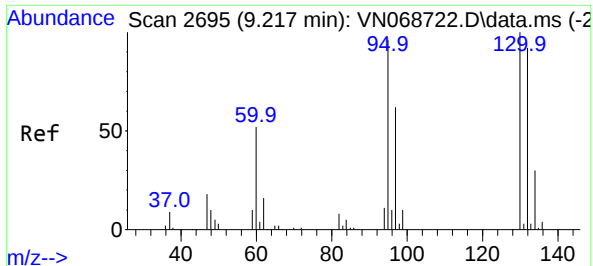
Tgt Ion: 41 Resp: 80413  
Ion Ratio Lower Upper  
41 100  
39 63.1 28.0 83.9  
67 71.5 37.7 113.1  
52 33.3 17.1 51.2



#36  
1,2-Dichloroethane  
Concen: 21.190 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. -0.002 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 62 Resp: 206610  
Ion Ratio Lower Upper  
62 100  
98 7.9 6.6 10.0





#37

Trichloroethene

Concen: 19.244 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. 0.000 min

Lab File: VN068810.D

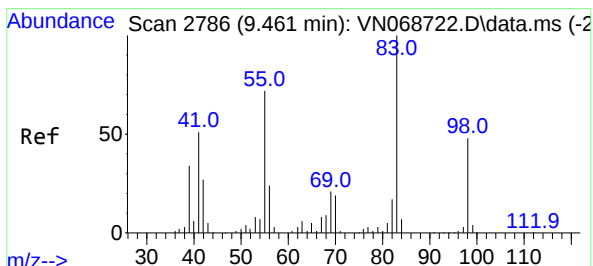
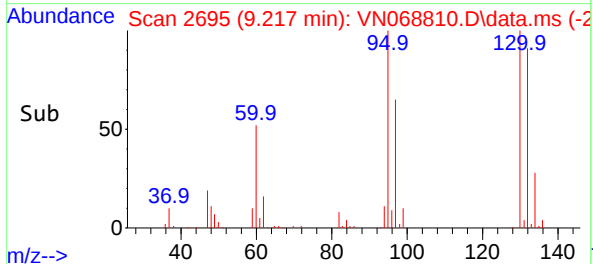
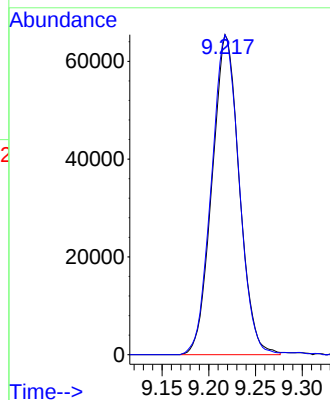
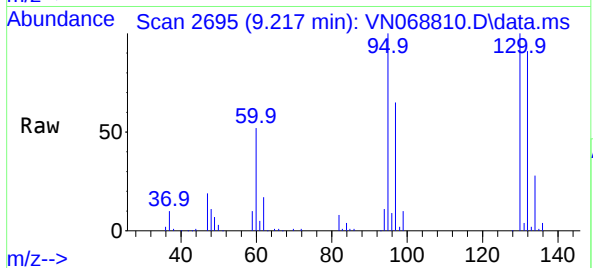
Acq: 5 Oct 2021 18:16

Tgt Ion:130 Resp: 132615

Ion Ratio Lower Upper

130 100

95 100.0 76.6 115.0



#38

Methylcyclohexane

Concen: 17.199 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN068810.D

Acq: 5 Oct 2021 18:16

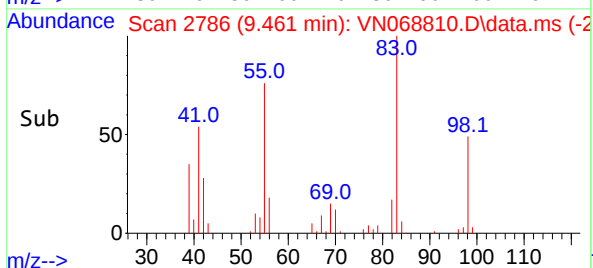
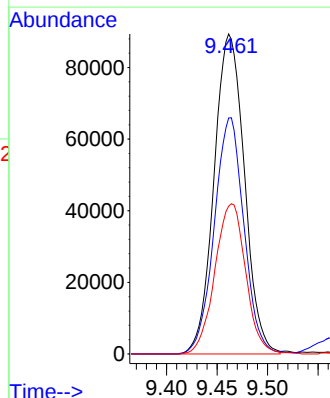
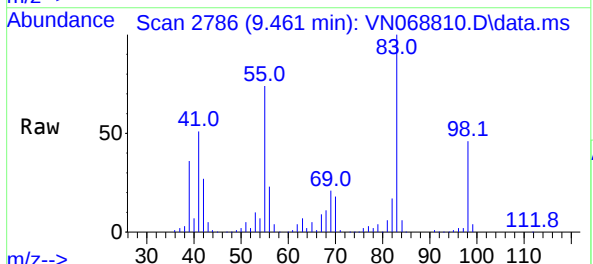
Tgt Ion: 83 Resp: 187047

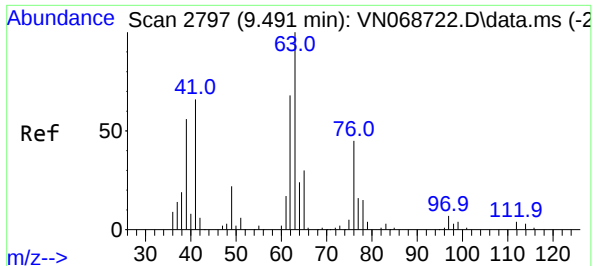
Ion Ratio Lower Upper

83 100

55 72.2 35.1 105.3

98 47.7 23.4 70.2



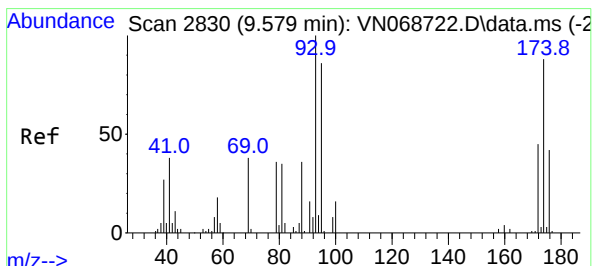
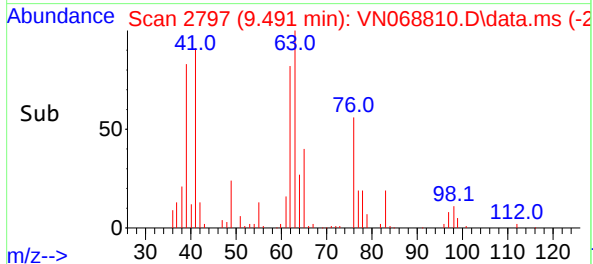
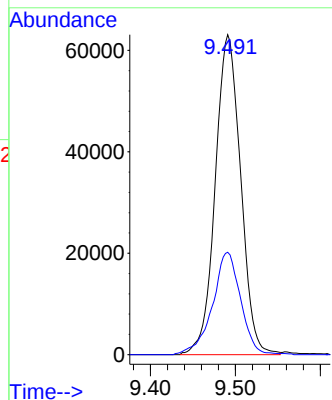
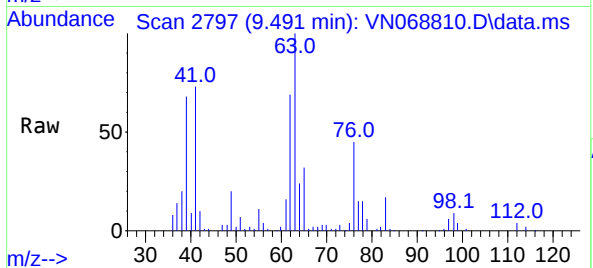


#39

1,2-Dichloropropane  
Concen: 20.316 ug/l  
RT: 9.491 min Scan# 2797  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

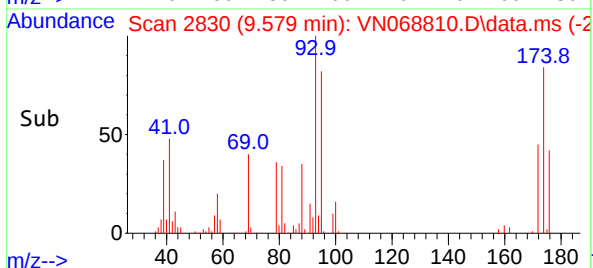
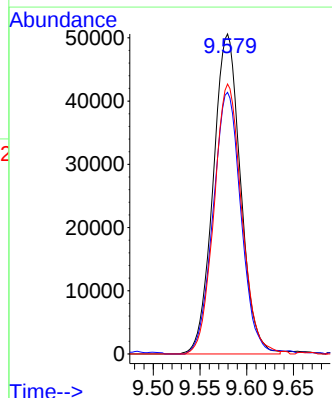
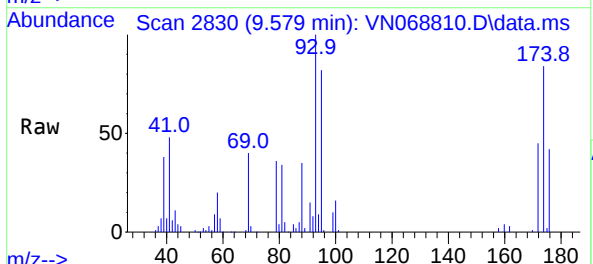
Tgt Ion: 63 Resp: 131162  
Ion Ratio Lower Upper  
63 100  
65 31.6 24.2 36.4

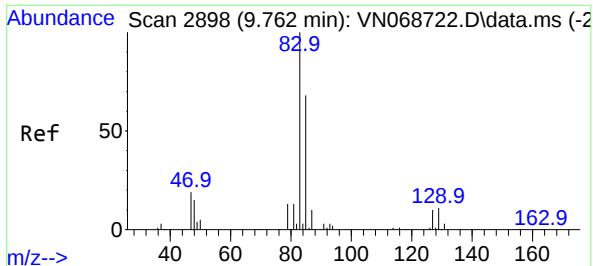


#40

Dibromomethane  
Concen: 20.262 ug/l  
RT: 9.579 min Scan# 2830  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 93 Resp: 103253  
Ion Ratio Lower Upper  
93 100  
95 82.9 0.0 168.8  
174 85.1 0.0 173.6

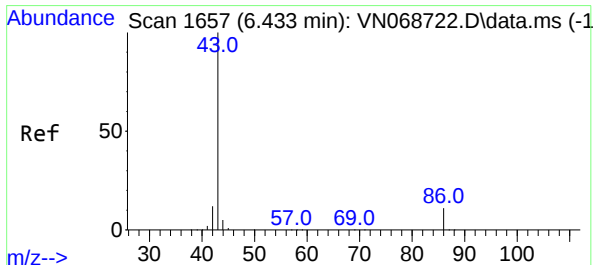
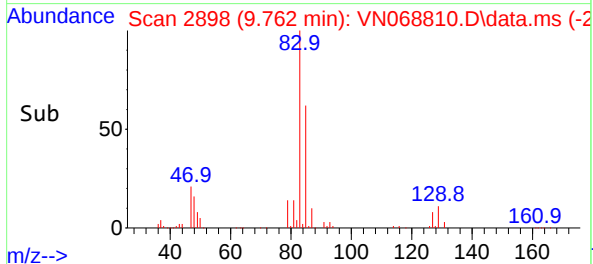
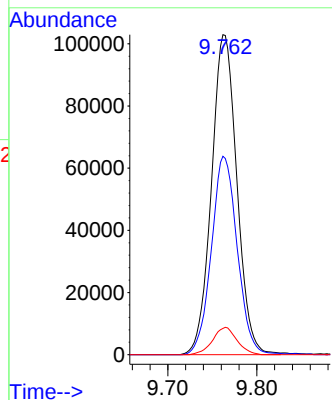
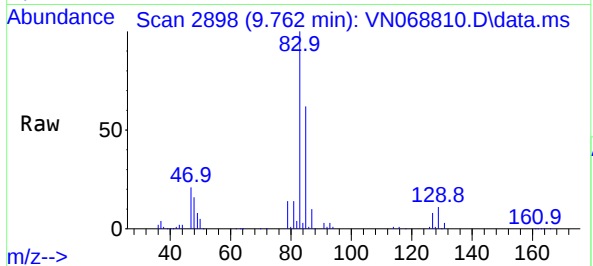




#41  
Bromodichloromethane  
Concen: 20.440 ug/l  
RT: 9.762 min Scan# 2898  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

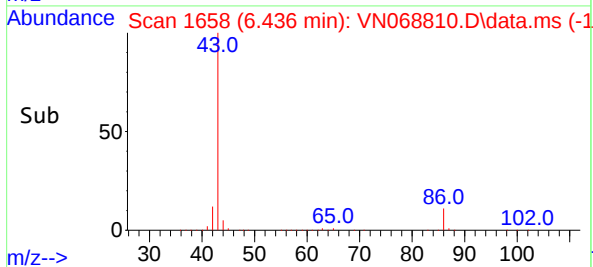
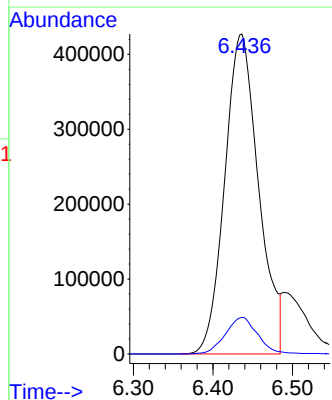
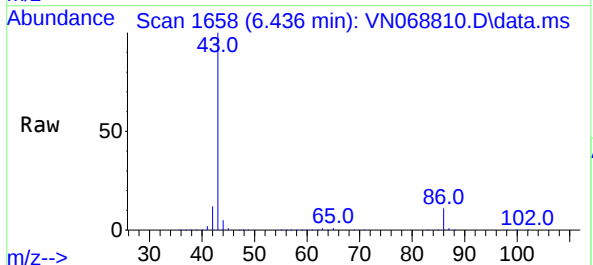
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

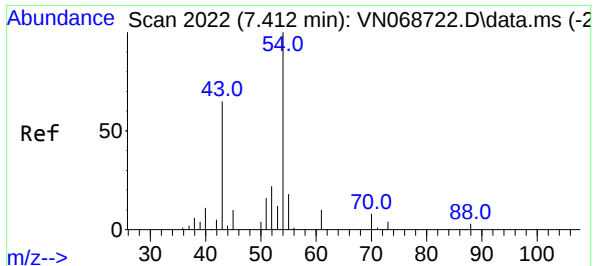
Tgt Ion: 83 Resp: 204173  
Ion Ratio Lower Upper  
83 100  
85 62.0 54.1 81.1  
127 8.2 7.6 11.4



#42  
Vinyl Acetate  
Concen: 86.697 ug/l  
RT: 6.436 min Scan# 1658  
Delta R.T. 0.003 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 43 Resp: 1266837  
Ion Ratio Lower Upper  
43 100  
86 10.9 7.5 11.3

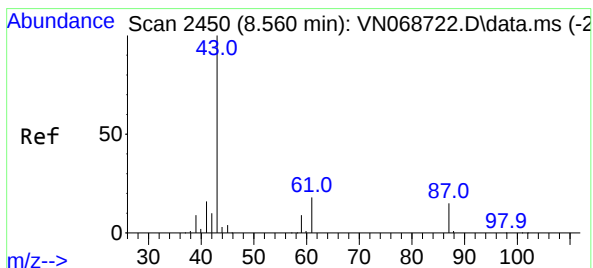
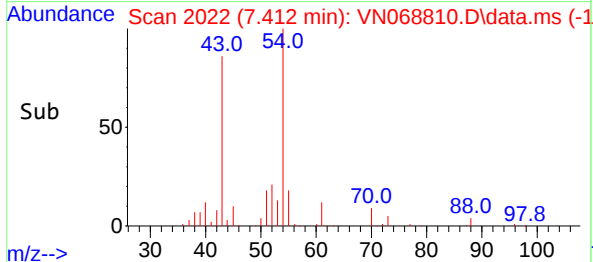
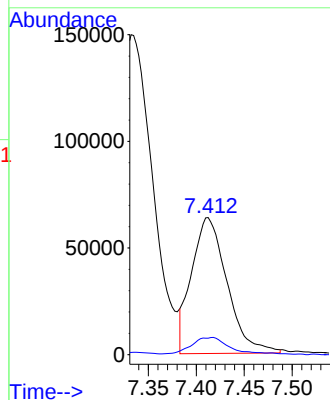
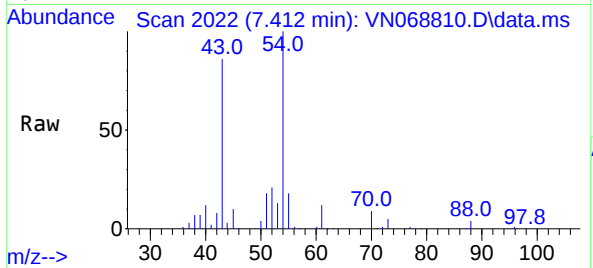




#43  
Ethyl Acetate  
Concen: 20.785 ug/l  
RT: 7.412 min Scan# 2022  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

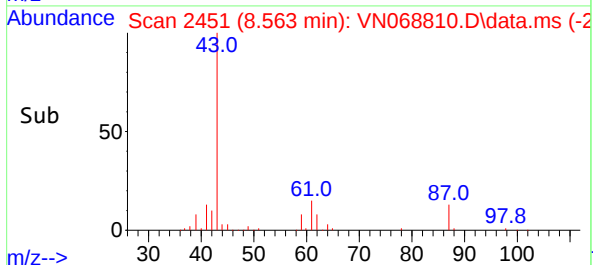
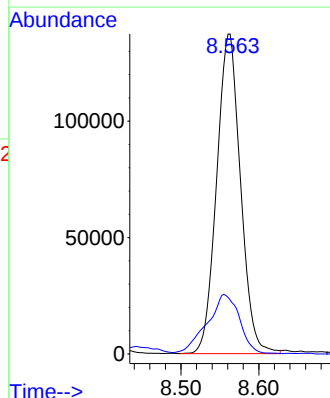
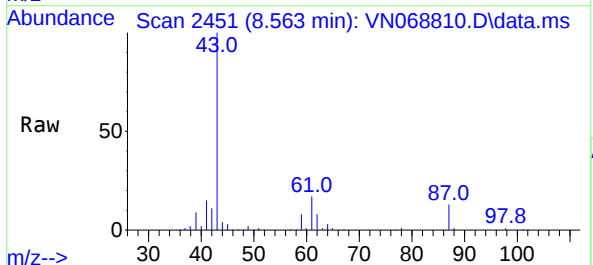
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

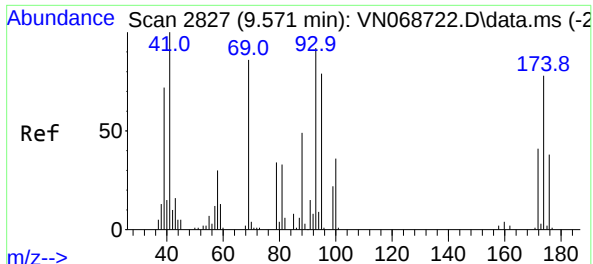
Tgt Ion: 43 Resp: 163952  
Ion Ratio Lower Upper  
43 100  
45 5.2 10.6 16.0#



#44  
Isopropyl Acetate  
Concen: 20.389 ug/l  
RT: 8.563 min Scan# 2451  
Delta R.T. 0.003 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 43 Resp: 291301  
Ion Ratio Lower Upper  
43 100  
61 24.5 20.1 30.1

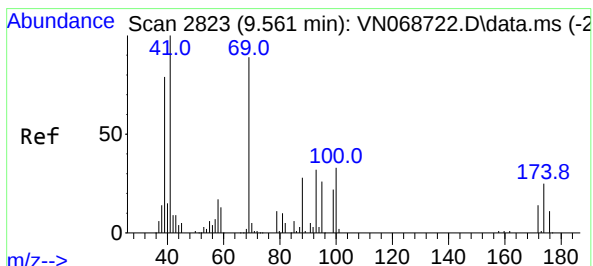
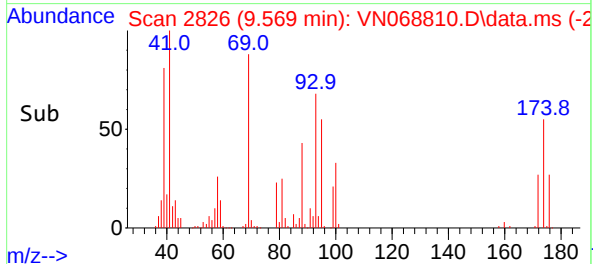
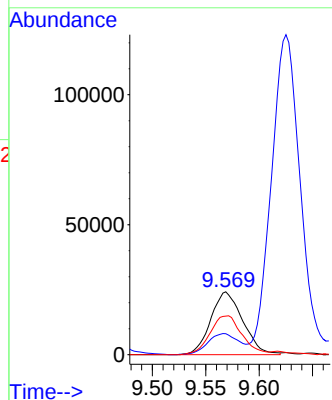
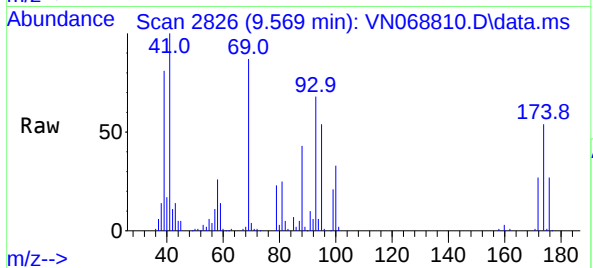




#45  
1,4-Dioxane  
Concen: 436.598 ug/l  
RT: 9.569 min Scan# 2826  
Delta R.T. -0.002 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

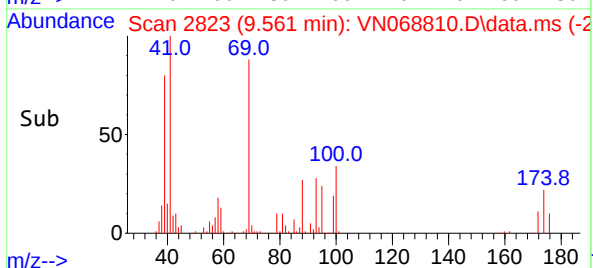
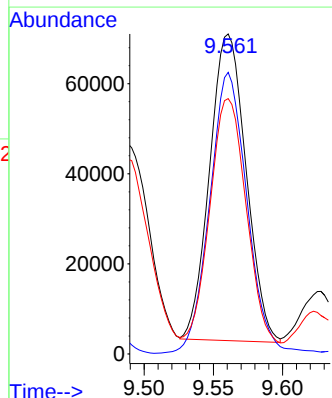
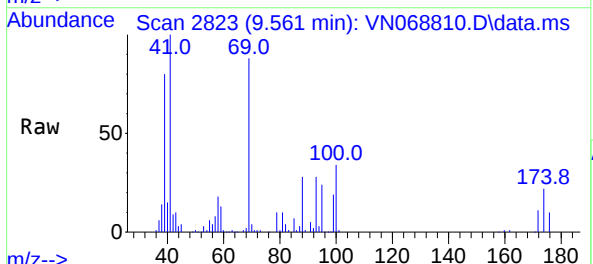
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

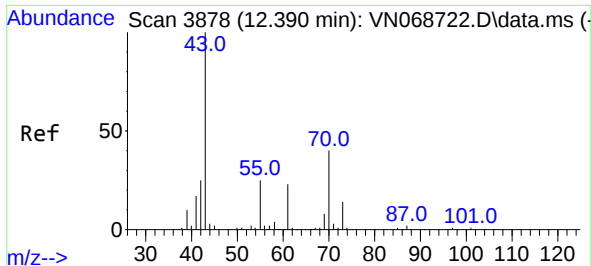
Tgt Ion: 88 Resp: 50504  
Ion Ratio Lower Upper  
88 100  
43 32.4 25.0 37.6  
58 61.5 49.4 74.2



#46  
Methyl methacrylate  
Concen: 19.711 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 41 Resp: 124556  
Ion Ratio Lower Upper  
41 100  
69 90.5 44.4 133.2  
39 80.1 39.9 119.6

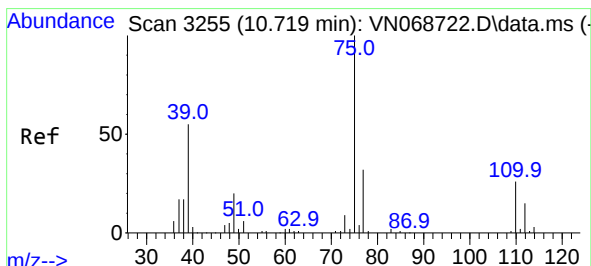
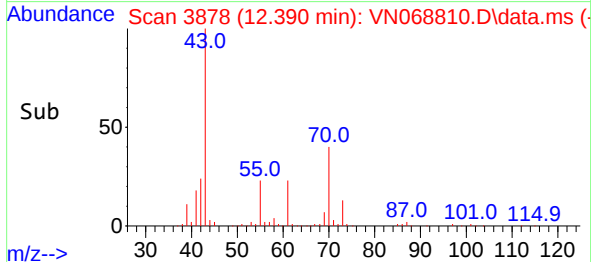
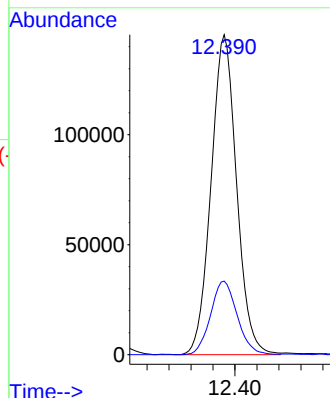
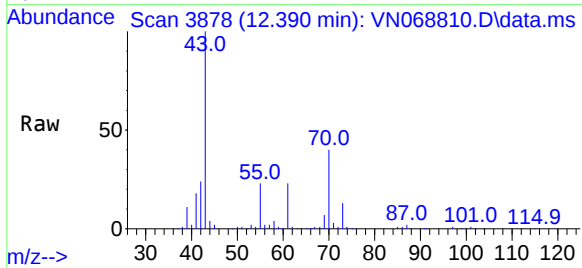




#47  
n-amyl acetate  
Concen: 19.368 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

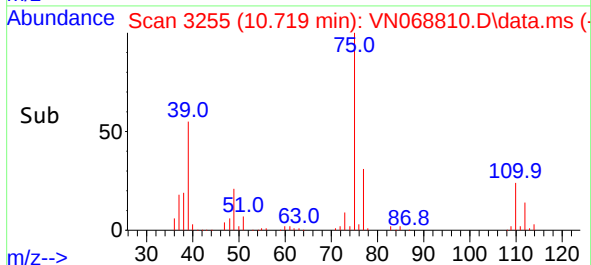
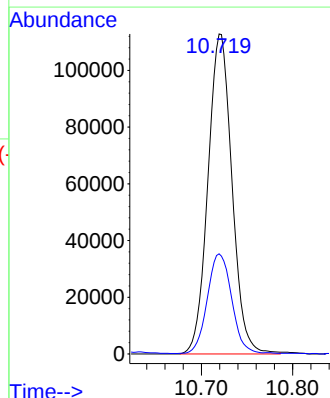
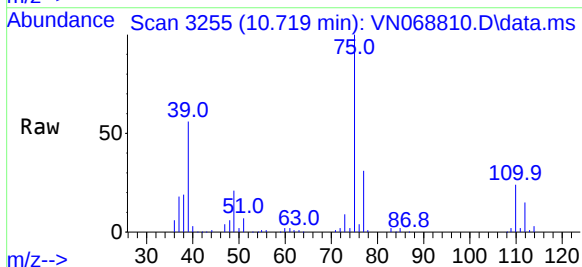
Instrument :  
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ClientSampleId :  
VSTDCCC020EC

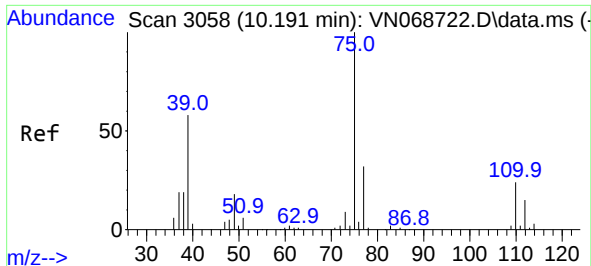
Tgt Ion: 43 Resp: 234331  
Ion Ratio Lower Upper  
43 100  
55 24.0 19.0 28.6



#48  
t-1,3-Dichloropropene  
Concen: 19.008 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 75 Resp: 206335  
Ion Ratio Lower Upper  
75 100  
77 31.1 25.3 37.9

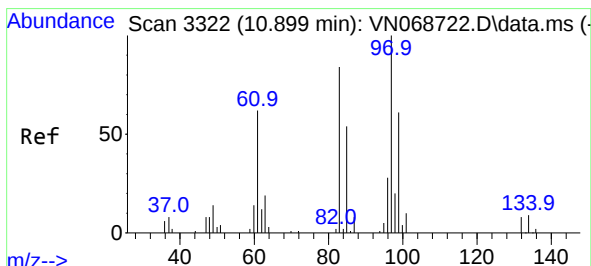
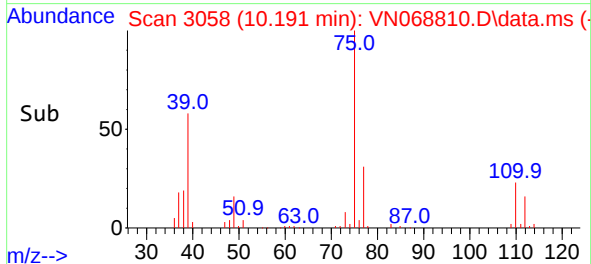
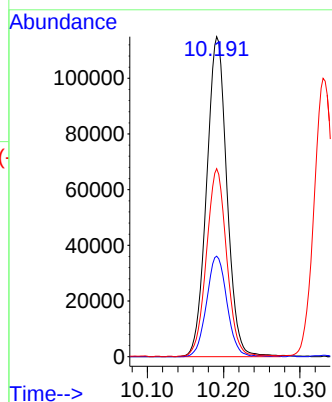
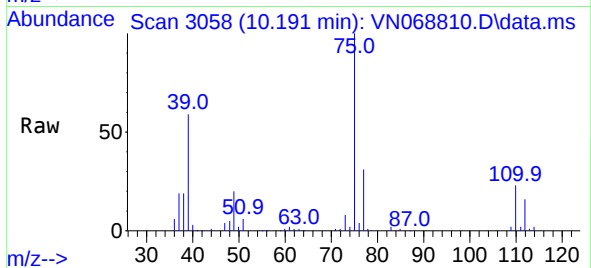




#49  
cis-1,3-Dichloropropene  
Concen: 19.126 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

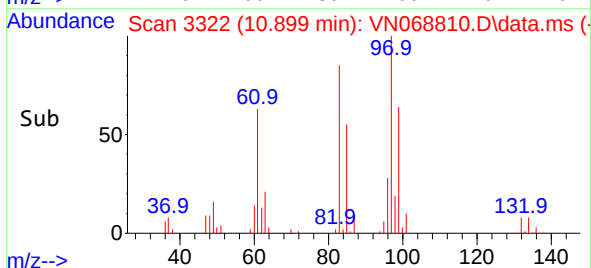
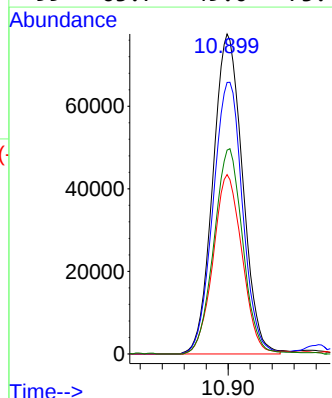
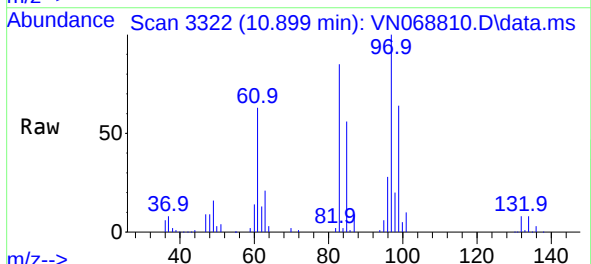
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MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

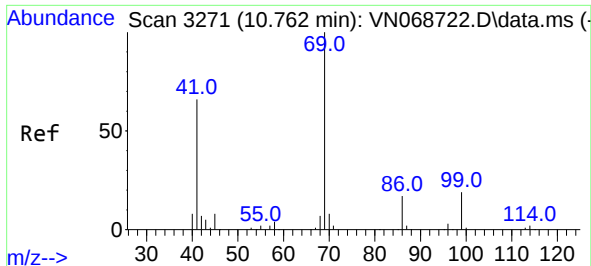
Tgt Ion: 75 Resp: 212314  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.3 37.9  
39 58.5 46.2 69.4



#50  
1,1,2-Trichloroethane  
Concen: 20.530 ug/l  
RT: 10.899 min Scan# 3322  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 97 Resp: 144979  
Ion Ratio Lower Upper  
97 100  
83 84.9 67.2 100.8  
85 56.0 43.0 64.4  
99 63.7 49.0 73.4

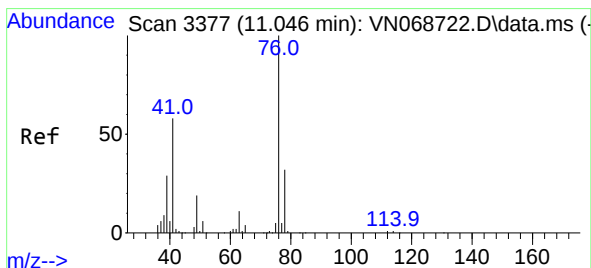
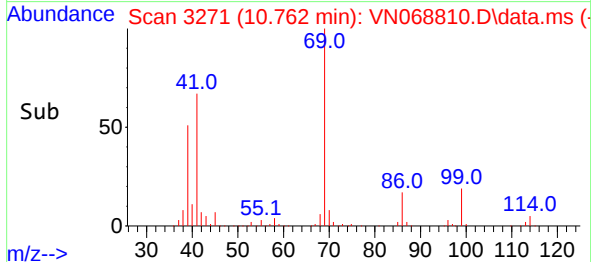
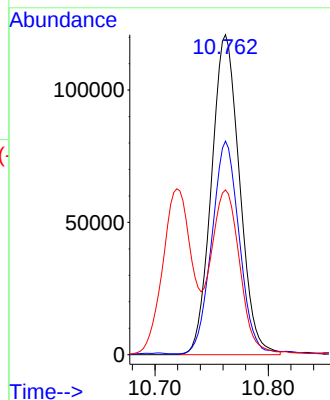
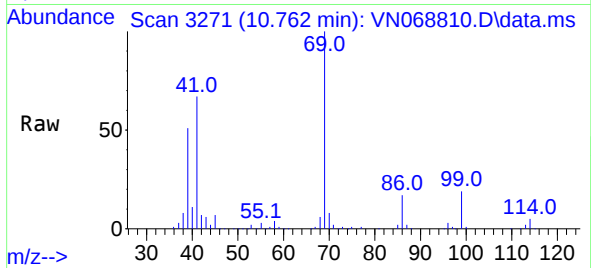




#51  
Ethyl methacrylate  
Concen: 19.583 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

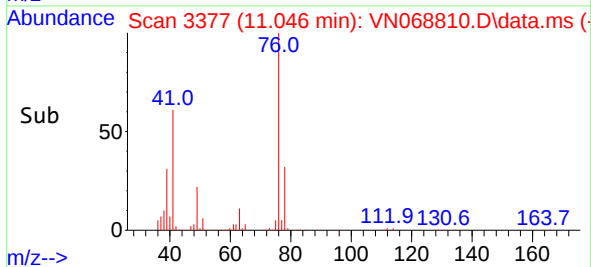
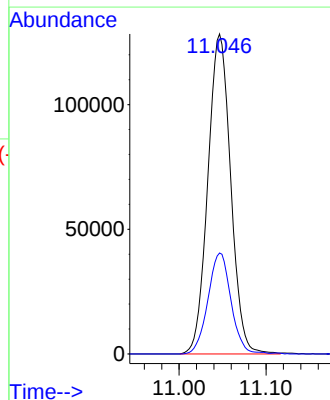
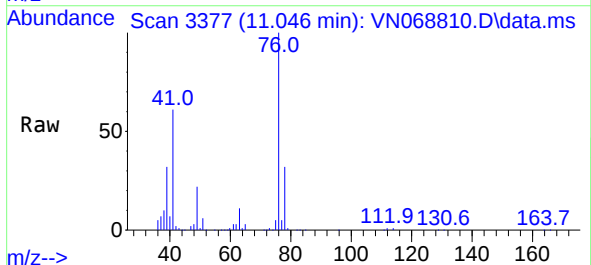
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ClientSampleId :  
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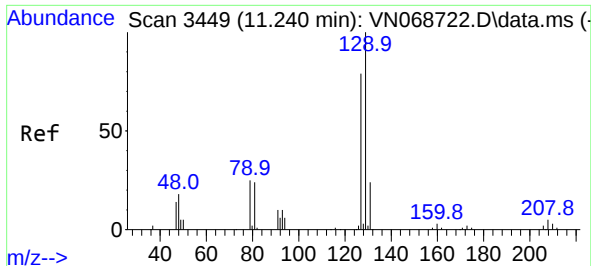
Tgt Ion: 69 Resp: 208291  
Ion Ratio Lower Upper  
69 100  
41 66.5 33.0 98.9  
39 50.6 25.4 76.4



#52  
1,3-Dichloropropane  
Concen: 20.494 ug/l  
RT: 11.046 min Scan# 3377  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 76 Resp: 234195  
Ion Ratio Lower Upper  
76 100  
78 31.9 0.0 65.4

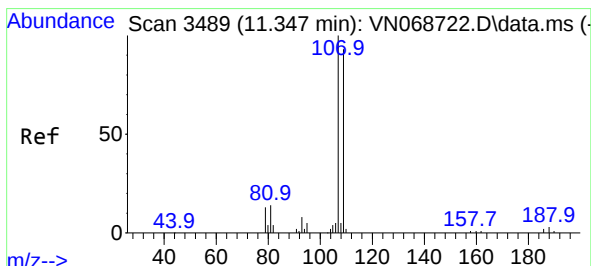
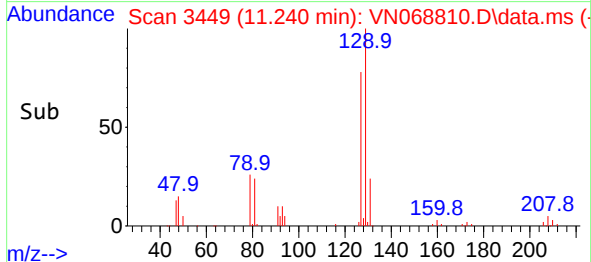
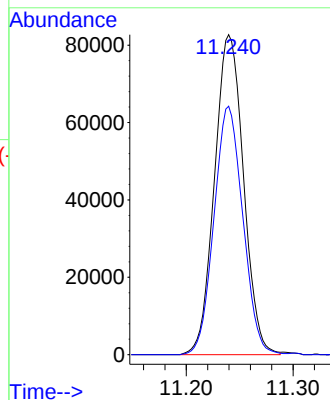
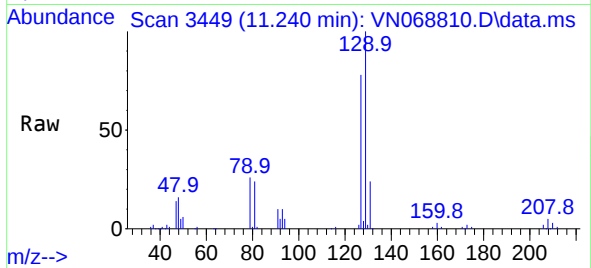




#53  
Dibromochloromethane  
Concen: 19.466 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

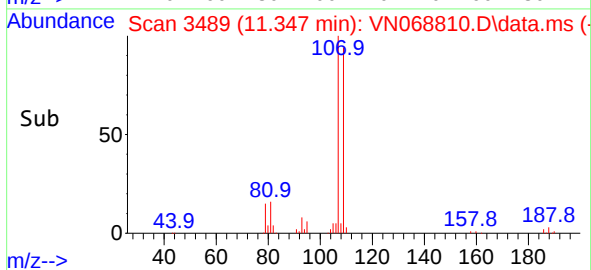
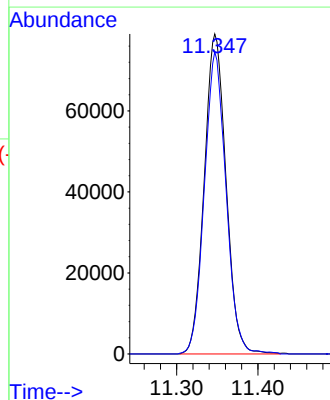
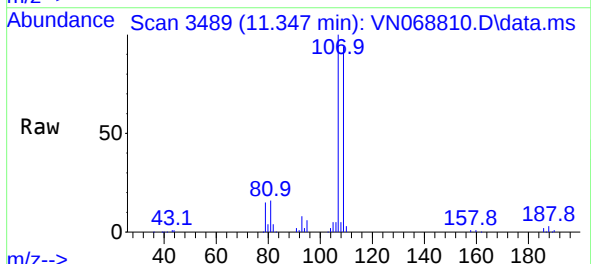
Instrument :  
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ClientSampleId :  
VSTDCCC020EC

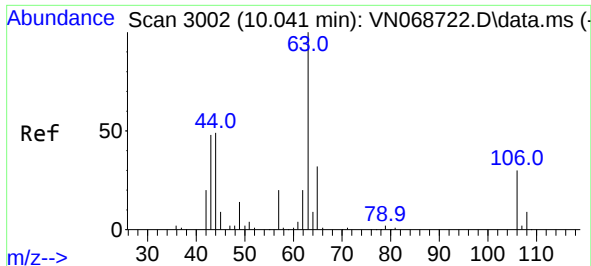
Tgt Ion:129 Resp: 156149  
Ion Ratio Lower Upper  
129 100  
127 77.2 39.0 117.0



#54  
1,2-Dibromoethane  
Concen: 19.841 ug/l  
RT: 11.347 min Scan# 3489  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion:107 Resp: 146993  
Ion Ratio Lower Upper  
107 100  
109 93.2 72.8 109.2

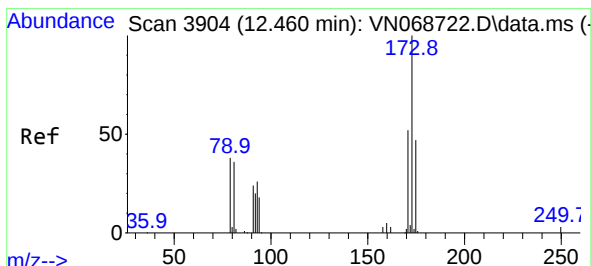
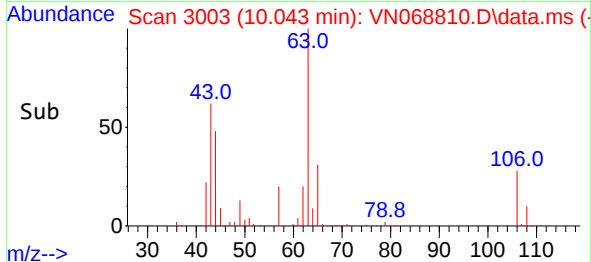
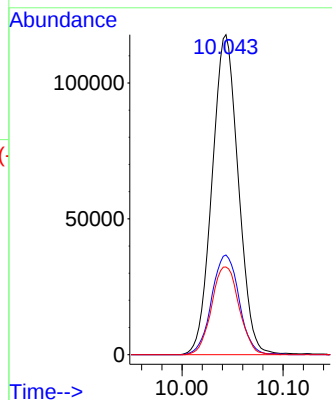
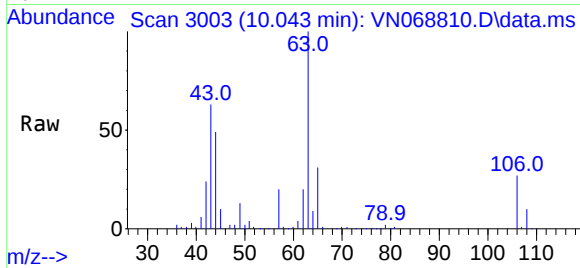




#55  
2-Chloroethyl vinyl ether  
Concen: 71.393 ug/l  
RT: 10.043 min Scan# 3003  
Delta R.T. 0.002 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

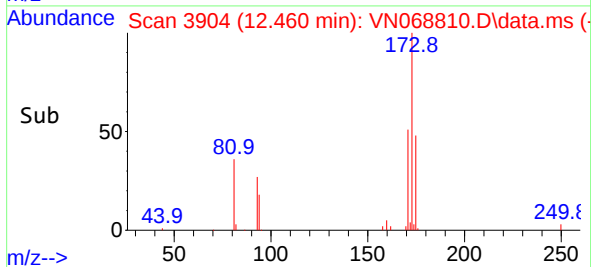
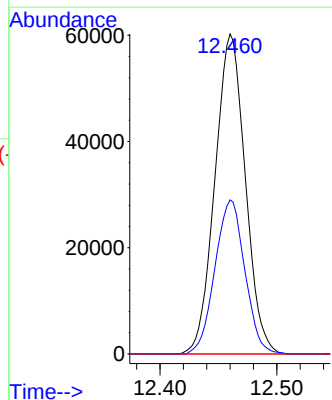
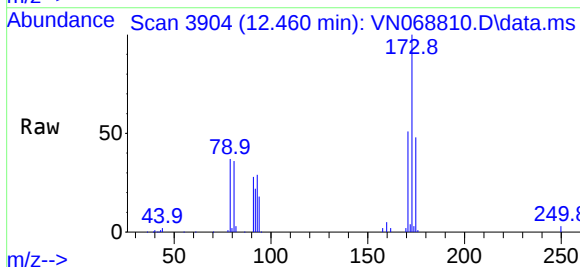
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ClientSampleId :  
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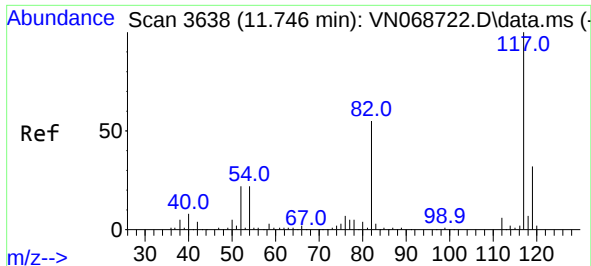
Tgt Ion: 63 Resp: 212011  
Ion Ratio Lower Upper  
63 100  
65 32.6 25.4 38.0  
106 28.8 23.2 34.8



#56  
Bromoform  
Concen: 18.787 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 173 Resp: 108677  
Ion Ratio Lower Upper  
173 100  
175 47.4 38.6 58.0  
254 0.0 0.0 0.0

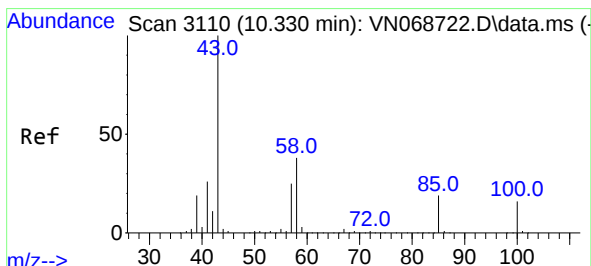
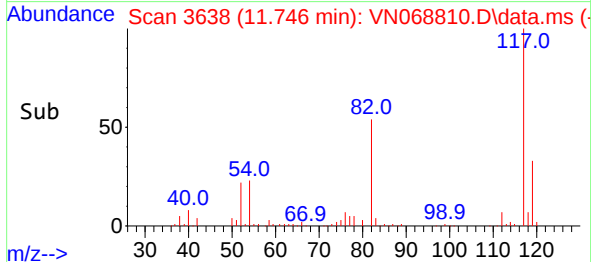
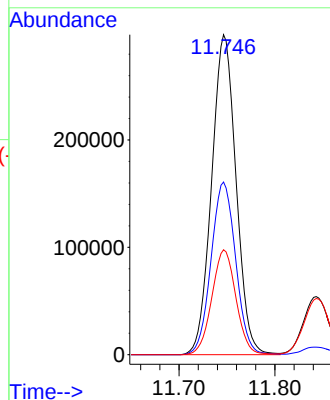
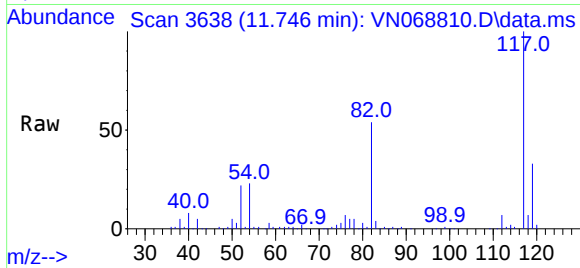




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

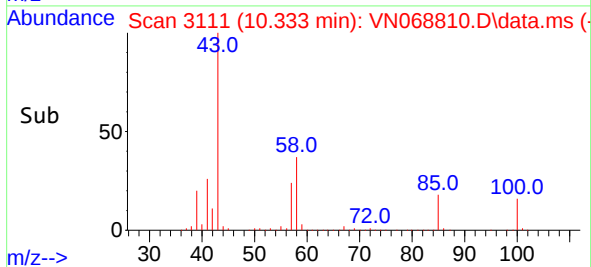
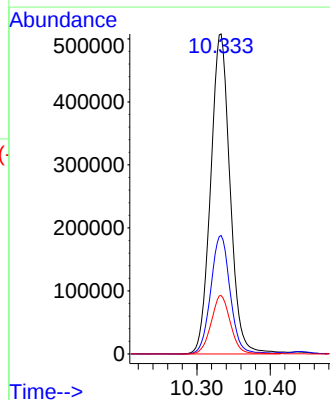
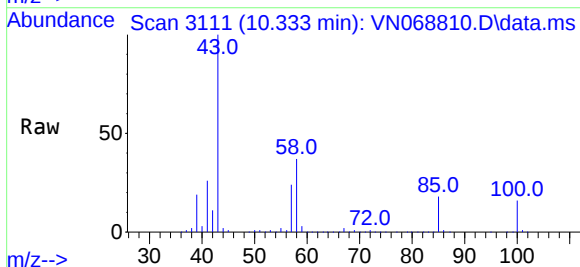
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ClientSampleId :  
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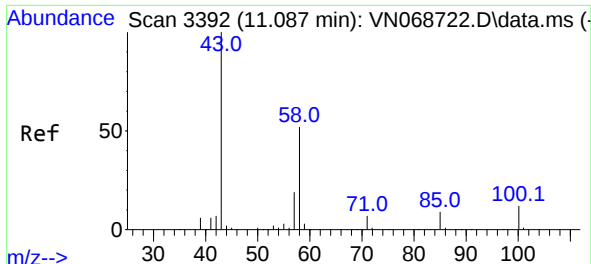
Tgt Ion:117 Resp: 527832  
Ion Ratio Lower Upper  
117 100  
82 54.4 43.6 65.4  
119 32.4 25.8 38.6



#58  
4-Methyl-2-Pentanone  
Concen: 104.894 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. 0.003 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 43 Resp: 934529  
Ion Ratio Lower Upper  
43 100  
58 37.1 30.0 45.0  
85 18.0 15.0 22.6

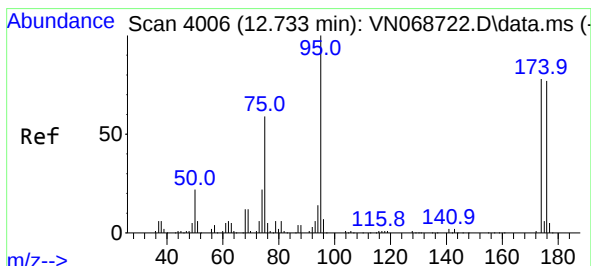
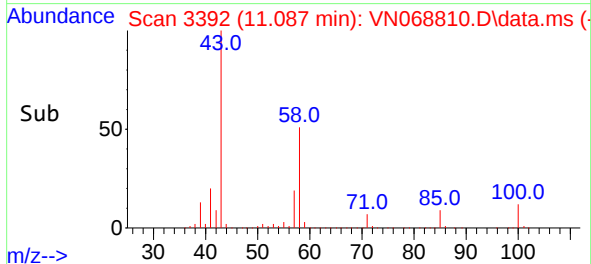
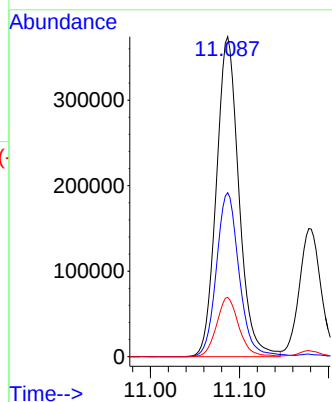
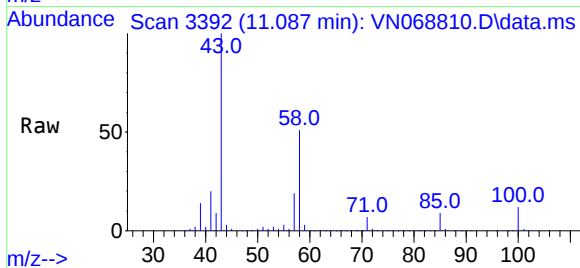




#59  
2-Hexanone  
Concen: 101.597 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

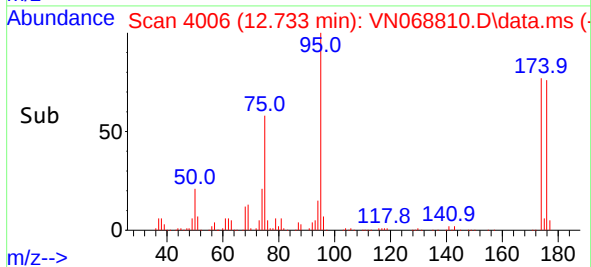
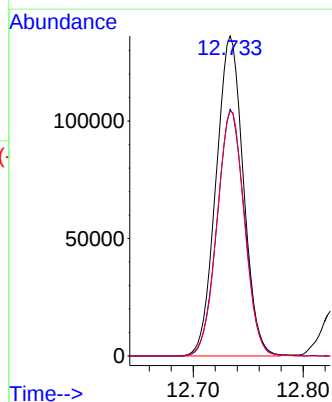
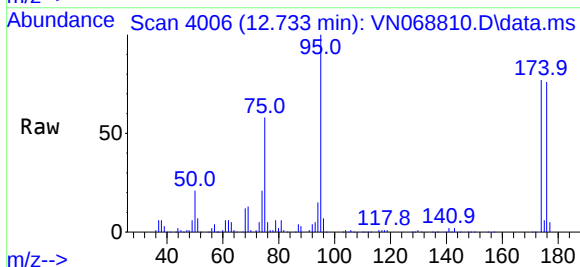
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

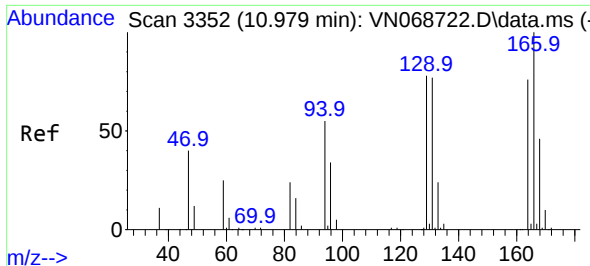
Tgt Ion: 43 Resp: 659339  
Ion Ratio Lower Upper  
43 100  
58 51.6 42.2 63.2  
57 18.4 15.0 22.4



#60  
4-Bromofluorobenzene  
Concen: 28.542 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 95 Resp: 235354  
Ion Ratio Lower Upper  
95 100  
174 77.5 62.9 94.3  
176 76.9 61.0 91.4

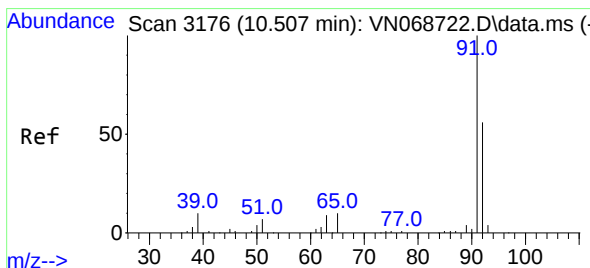
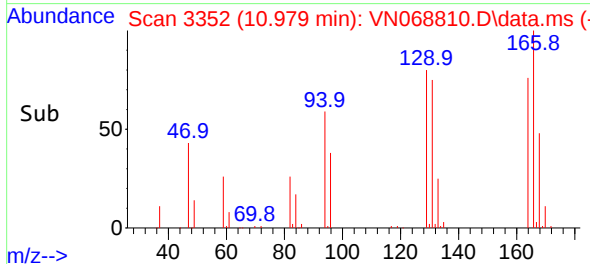
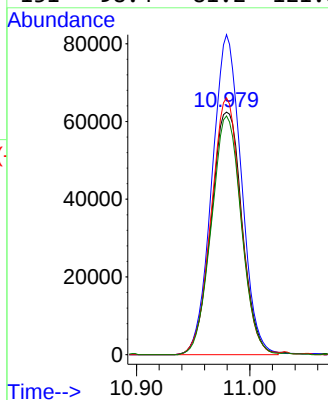
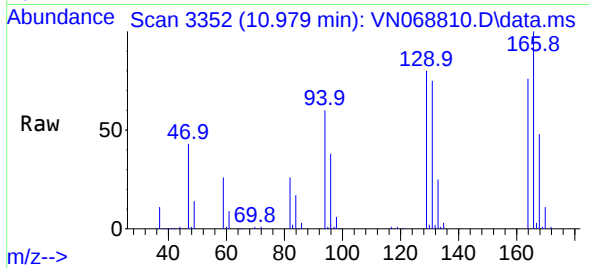




#61  
Tetrachloroethene  
Concen: 19.206 ug/l  
RT: 10.979 min Scan# 3352  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

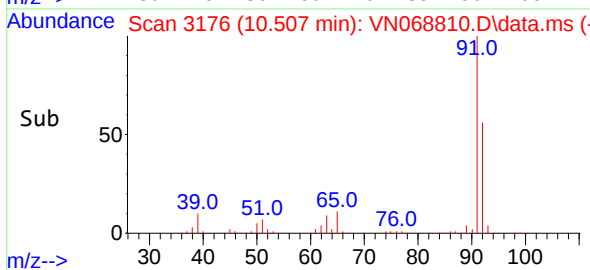
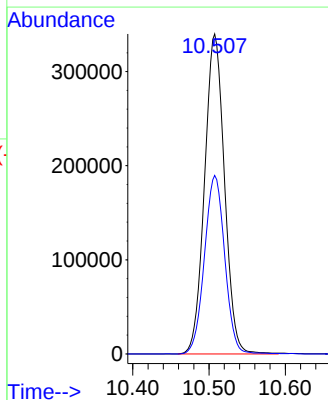
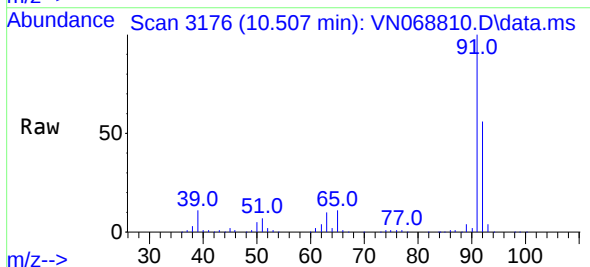
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

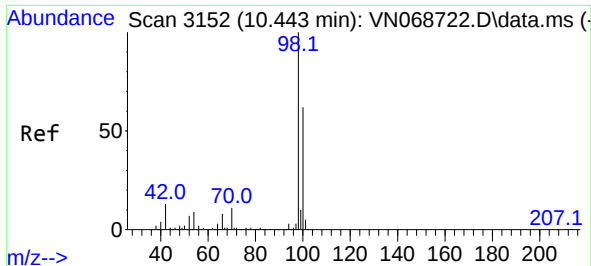
Tgt Ion:164 Resp: 118814  
Ion Ratio Lower Upper  
164 100  
166 131.7 105.8 158.8  
129 105.6 82.5 123.7  
131 98.4 81.2 121.8



#62  
Toluene  
Concen: 19.540 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

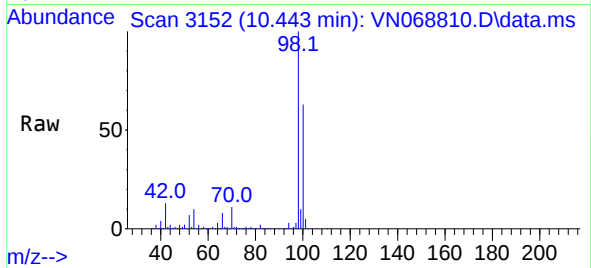
Tgt Ion: 91 Resp: 616644  
Ion Ratio Lower Upper  
91 100  
92 56.8 44.6 67.0



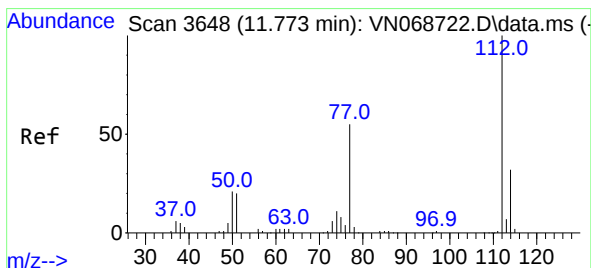
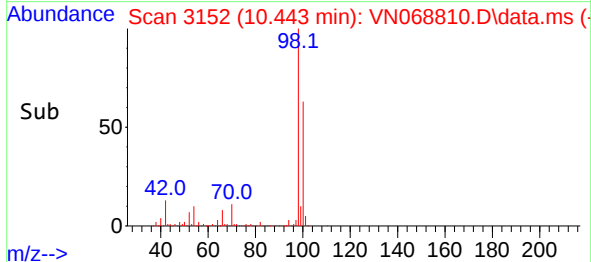
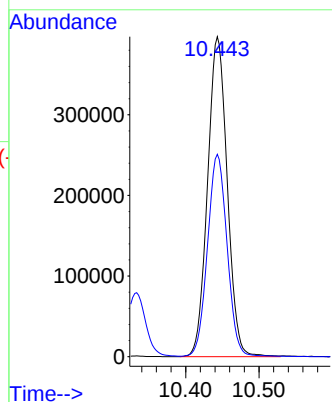


#63  
Toluene-d8  
Concen: 31.019 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

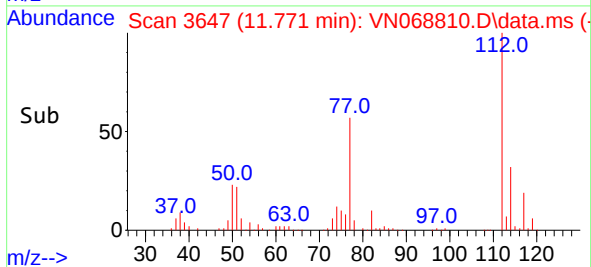
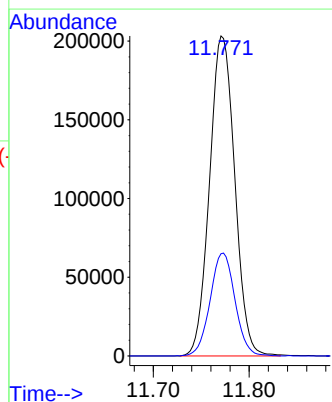
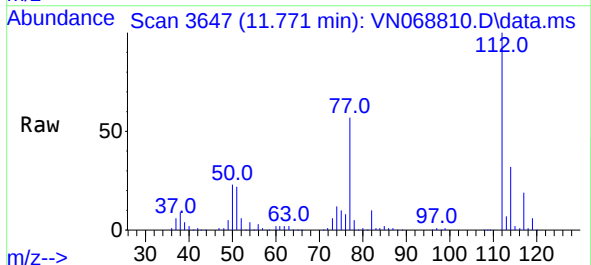


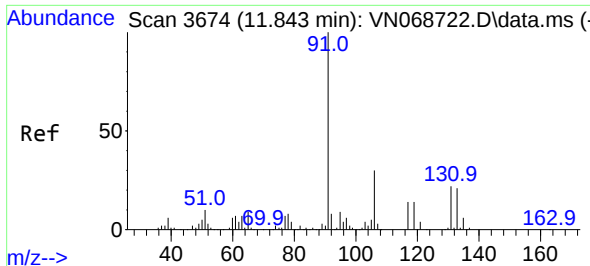
Tgt Ion: 98 Resp: 740045  
Ion Ratio Lower Upper  
98 100  
100 63.3 50.6 76.0



#64  
Chlorobenzene  
Concen: 19.180 ug/l  
RT: 11.771 min Scan# 3647  
Delta R.T. -0.002 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 112 Resp: 371419  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.8 38.6

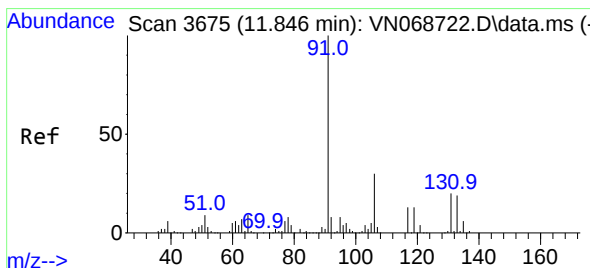
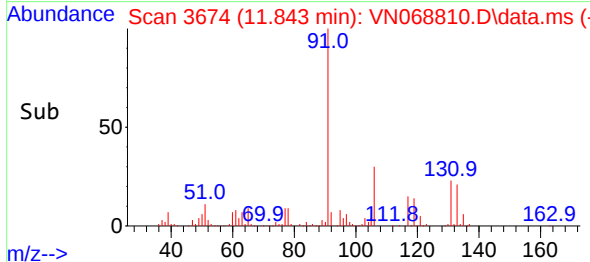
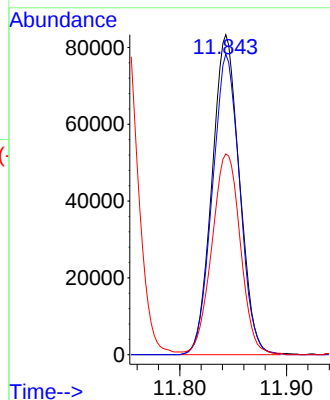
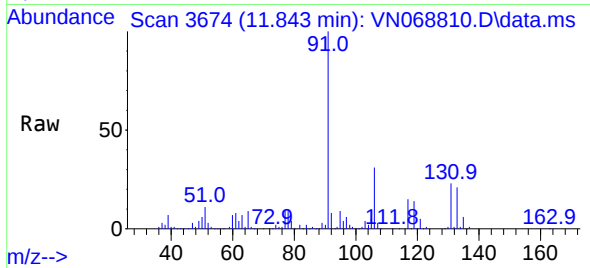




#65  
1,1,1,2-Tetrachloroethane  
Concen: 19.779 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

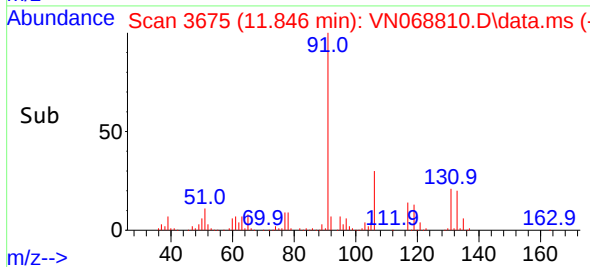
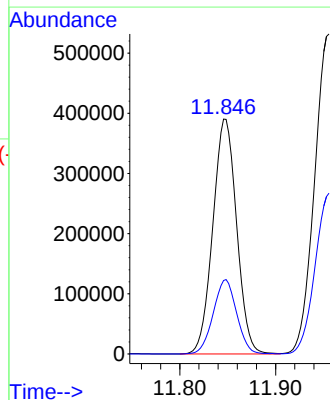
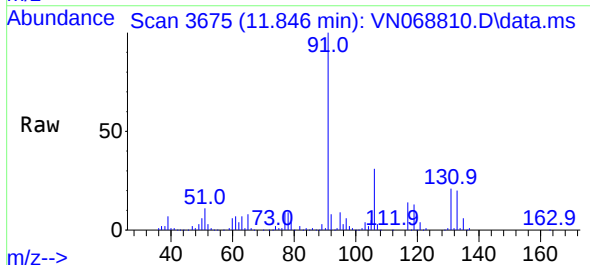
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

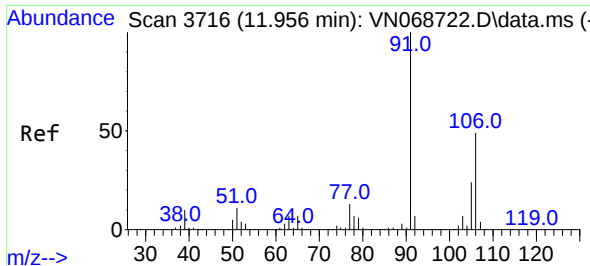
Tgt Ion:131 Resp: 148560  
Ion Ratio Lower Upper  
131 100  
133 93.9 0.0 191.2  
119 64.2 0.0 128.8



#66  
Ethyl Benzene  
Concen: 18.903 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 91 Resp: 672195  
Ion Ratio Lower Upper  
91 100  
106 31.3 24.0 36.0

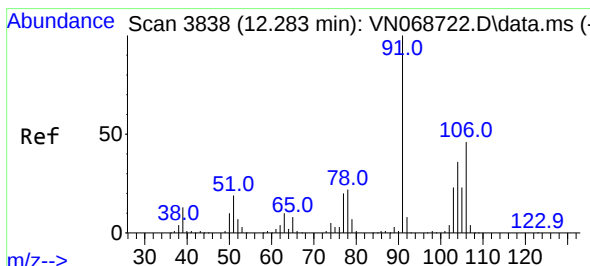
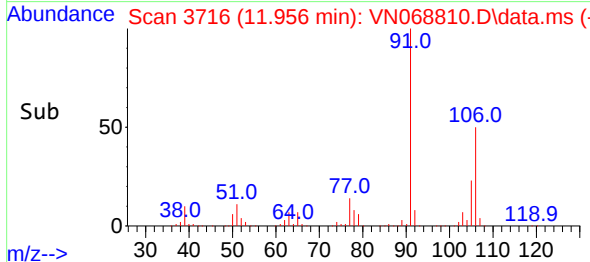
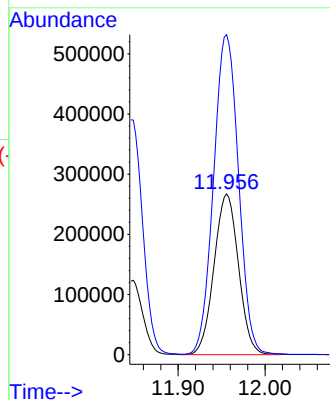
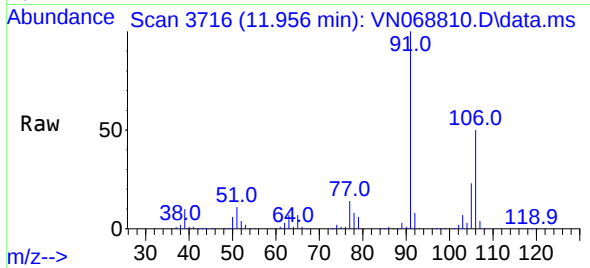




#67  
m/p-Xylenes  
Concen: 38.072 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

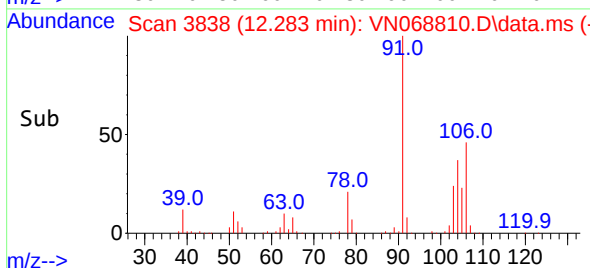
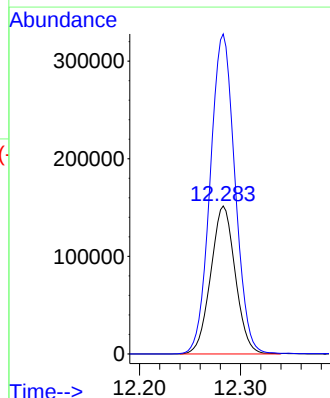
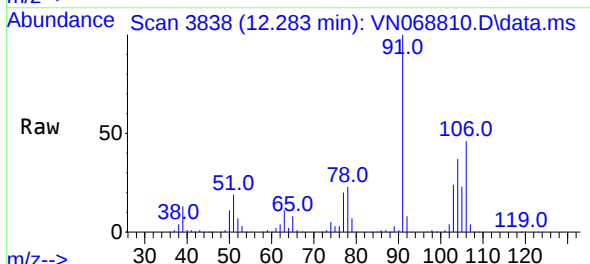
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

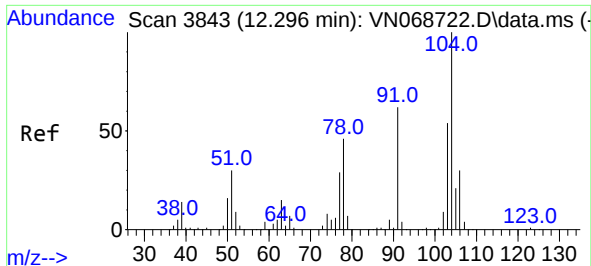
Tgt Ion:106 Resp: 522756  
Ion Ratio Lower Upper  
106 100  
91 202.6 162.9 244.3



#68  
o-Xylene  
Concen: 18.922 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion:106 Resp: 255766  
Ion Ratio Lower Upper  
106 100  
91 218.7 107.7 323.1

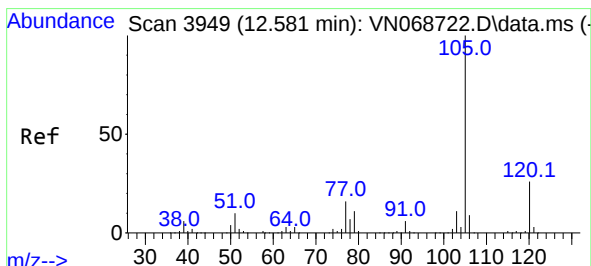
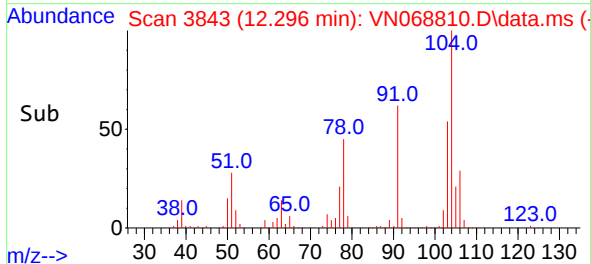
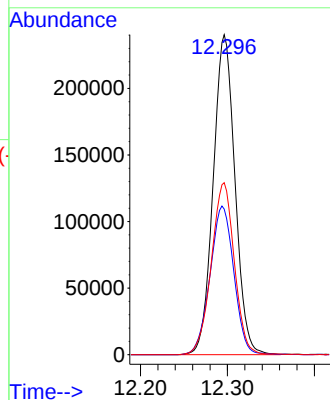
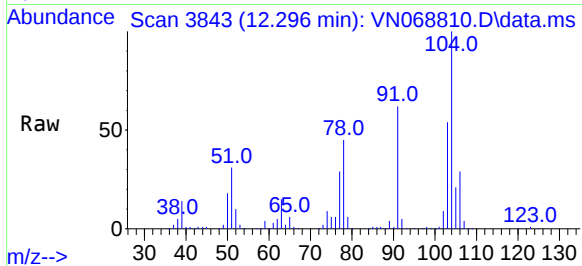




#69  
Styrene  
Concen: 18.775 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

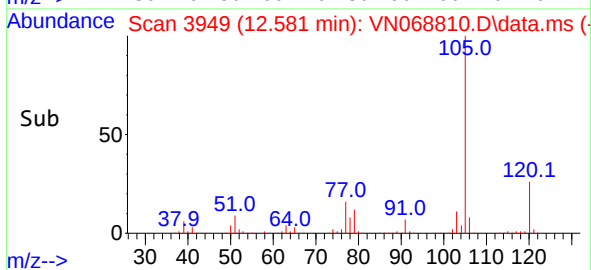
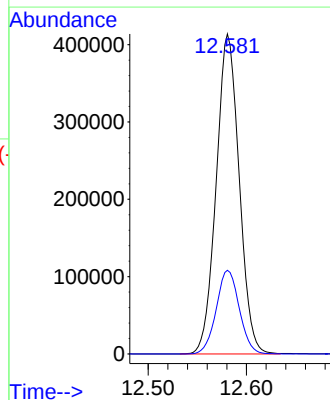
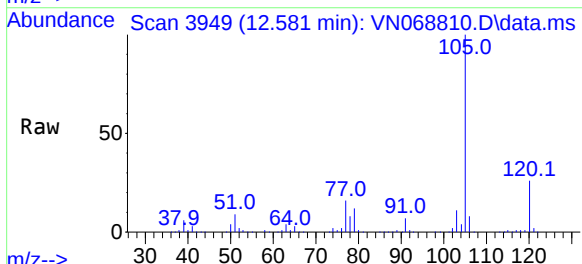
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

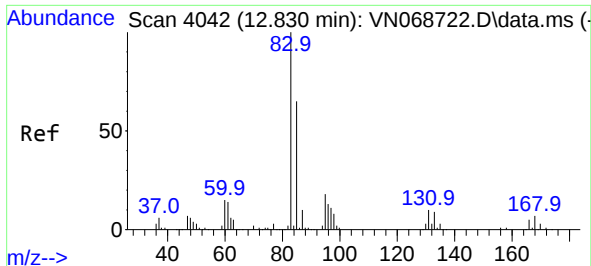
Tgt Ion:104 Resp: 418854  
Ion Ratio Lower Upper  
104 100  
78 50.6 40.7 61.1  
103 56.6 45.8 68.8



#70  
Isopropylbenzene  
Concen: 18.714 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion:105 Resp: 670779  
Ion Ratio Lower Upper  
105 100  
120 26.3 18.3 34.1

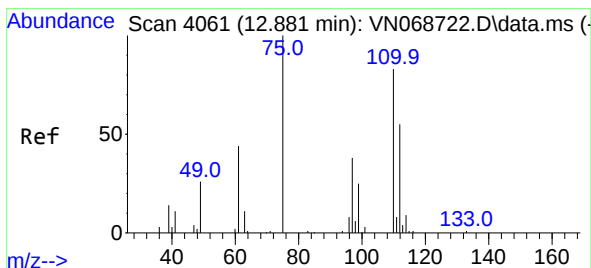
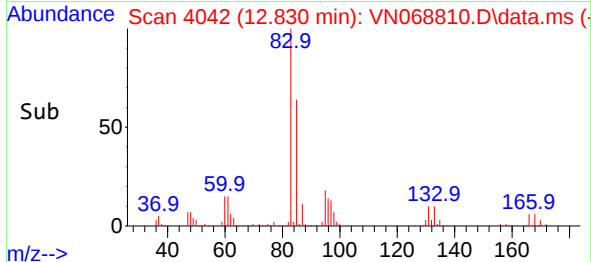
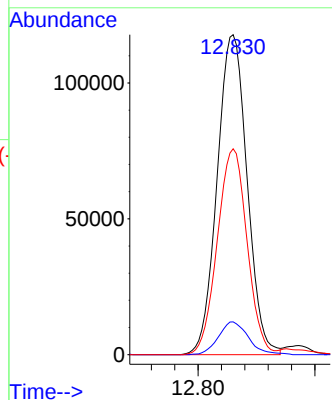
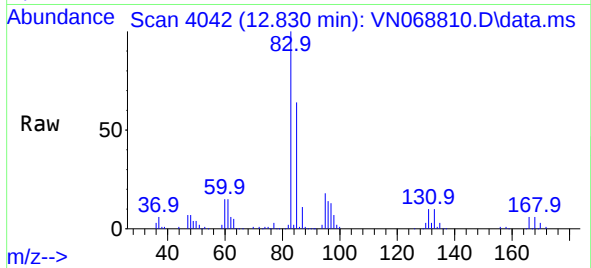




#71  
1,1,2,2-Tetrachloroethane  
Concen: 20.782 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

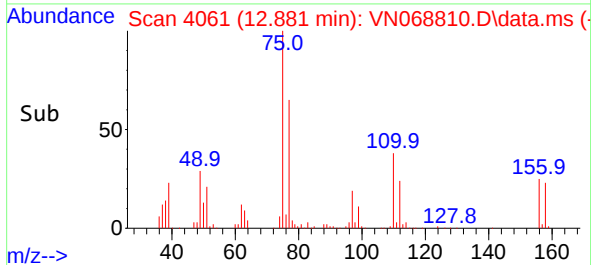
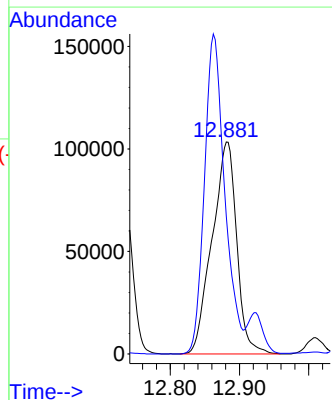
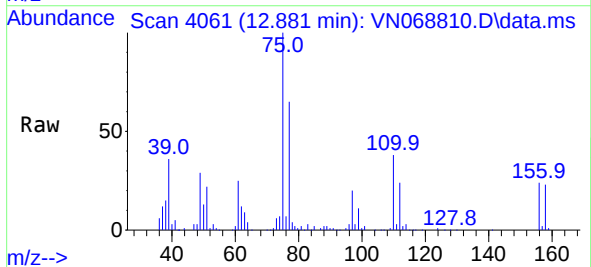
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

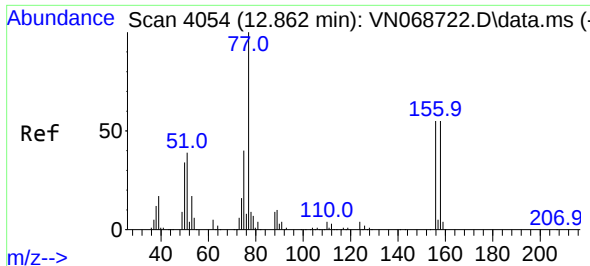
Tgt Ion: 83 Resp: 209878  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.1 15.3  
85 63.9 33.1 99.2



#72  
1,2,3-Trichloropropane  
Concen: 31.183 ug/l  
RT: 12.881 min Scan# 4061  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 75 Resp: 255146  
Ion Ratio Lower Upper  
75 100  
77 124.4 0.0 378.0

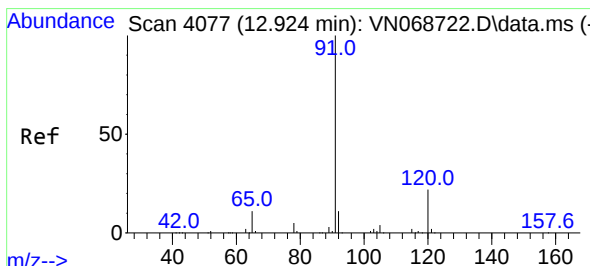
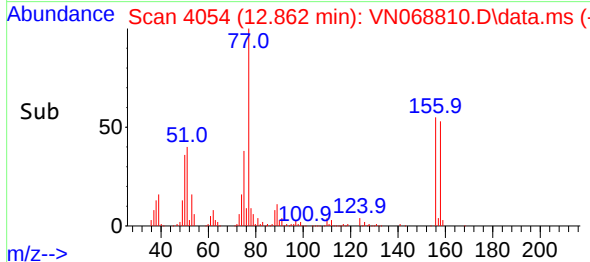
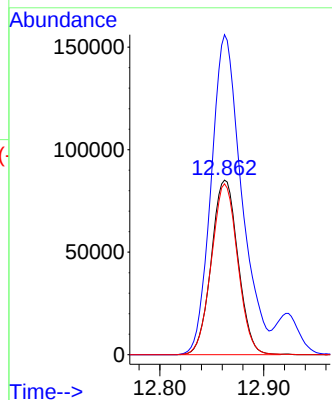
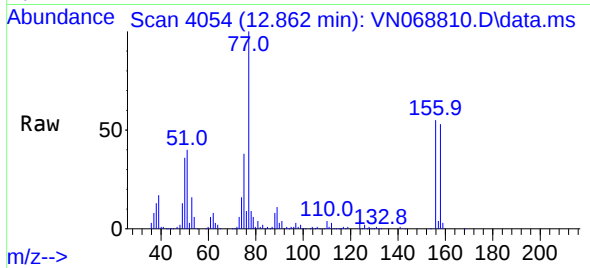




#73  
Bromobenzene  
Concen: 18.757 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

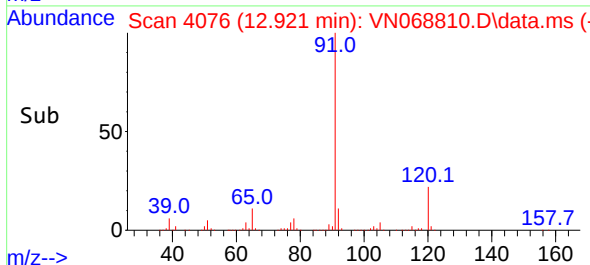
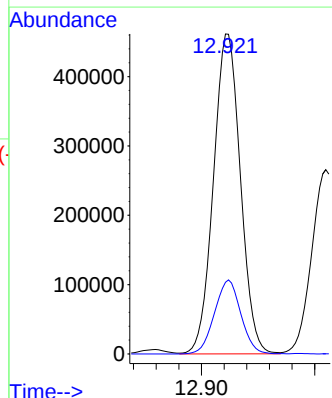
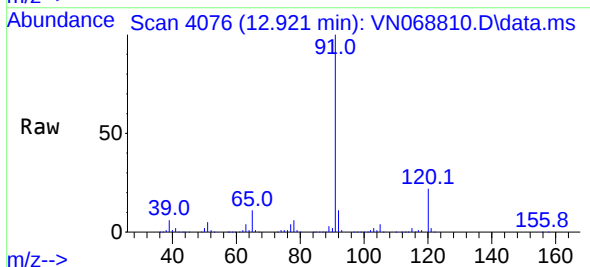
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

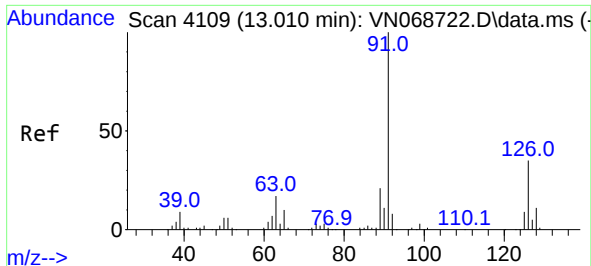
Tgt Ion:156 Resp: 152198  
Ion Ratio Lower Upper  
156 100  
77 208.5 0.0 416.0  
158 96.6 0.0 195.4



#74  
n-propylbenzene  
Concen: 18.543 ug/l  
RT: 12.921 min Scan# 4076  
Delta R.T. -0.003 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 91 Resp: 762007  
Ion Ratio Lower Upper  
91 100  
120 22.6 0.0 45.0

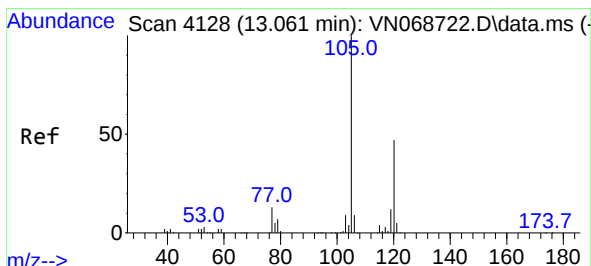
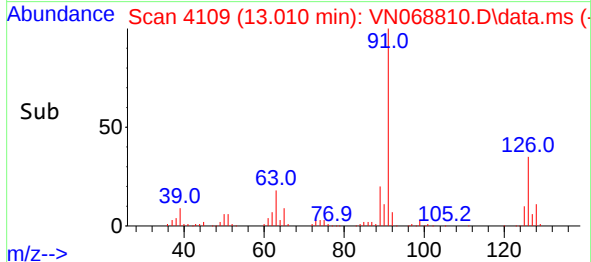
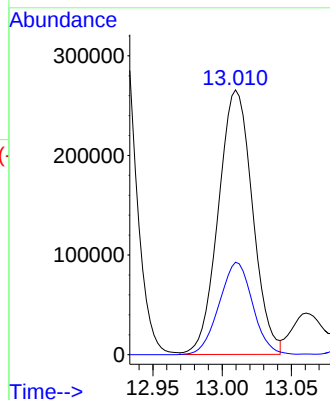
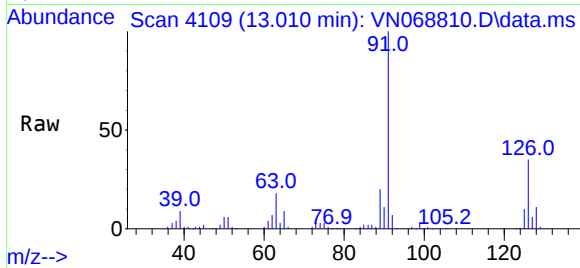




#75  
2-Chlorotoluene  
Concen: 19.051 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

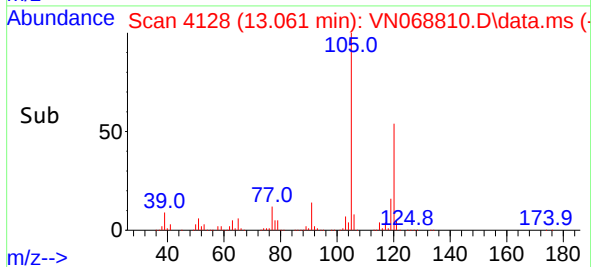
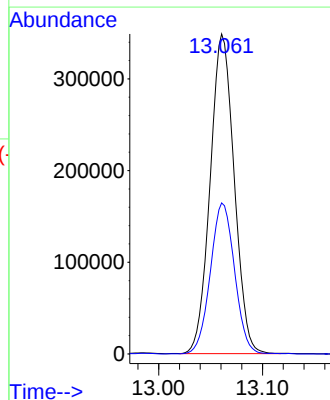
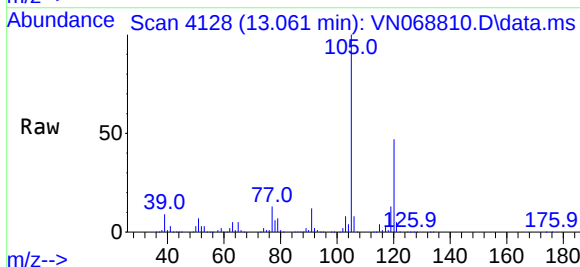
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ClientSampleId :  
VSTDCCC020EC

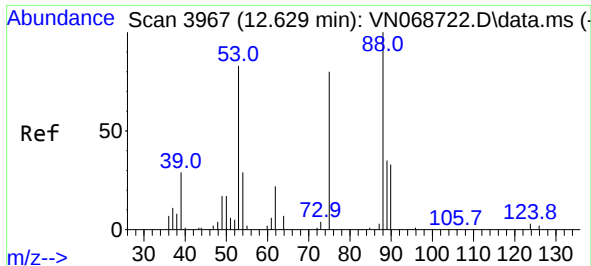
Tgt Ion: 91 Resp: 456928  
Ion Ratio Lower Upper  
91 100  
126 34.2 0.0 69.8



#76  
1,3,5-Trimethylbenzene  
Concen: 18.942 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion:105 Resp: 560685  
Ion Ratio Lower Upper  
105 100  
120 47.4 0.0 93.8

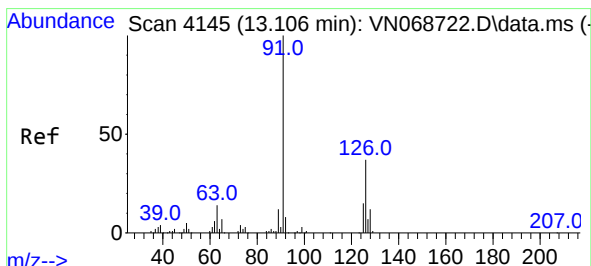
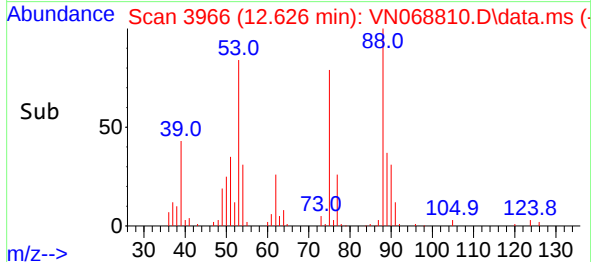
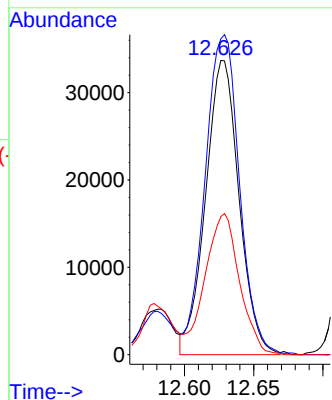
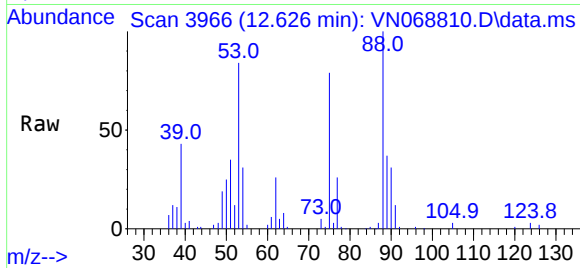




#77  
t-1,4-Dichloro-2-butene  
Concen: 17.746 ug/l  
RT: 12.626 min Scan# 3966  
Delta R.T. -0.003 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

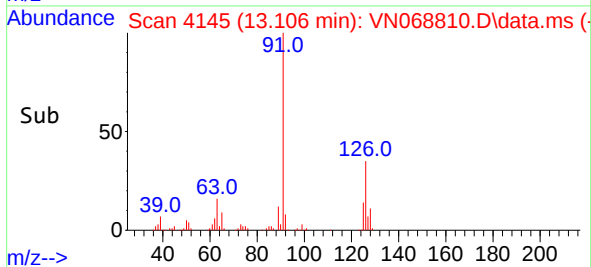
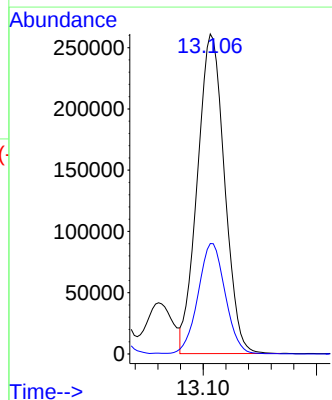
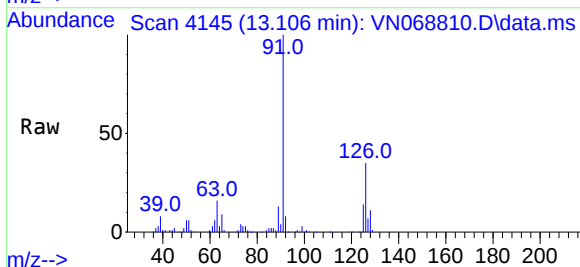
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ClientSampleId :  
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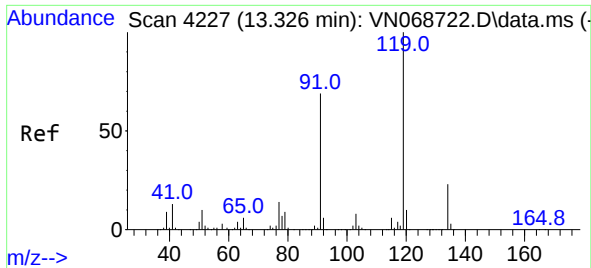
Tgt Ion: 75 Resp: 56636  
Ion Ratio Lower Upper  
75 100  
53 107.4 51.8 155.5  
89 46.8 22.9 68.7



#78  
4-Chlorotoluene  
Concen: 18.222 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 91 Resp: 432876  
Ion Ratio Lower Upper  
91 100  
126 34.6 0.0 70.6

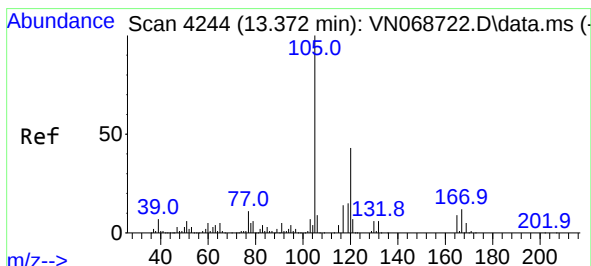
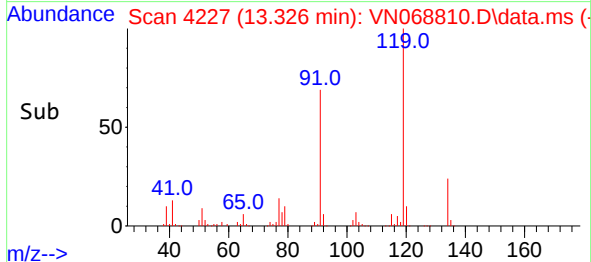
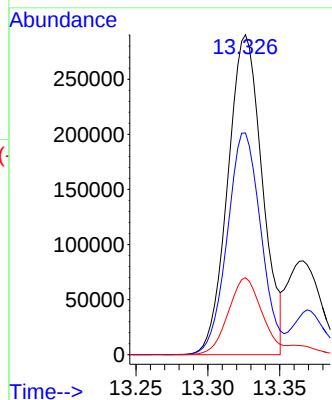
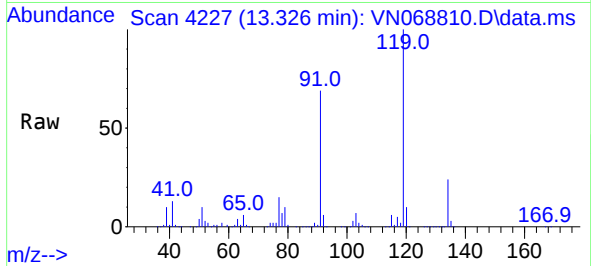




#79  
tert-butylbenzene  
Concen: 18.779 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

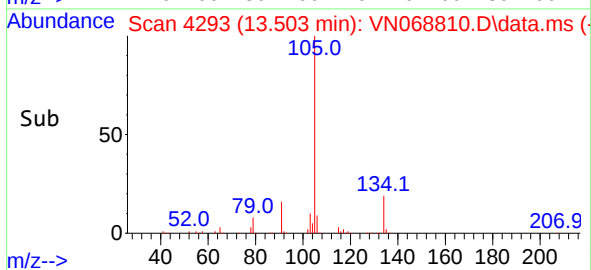
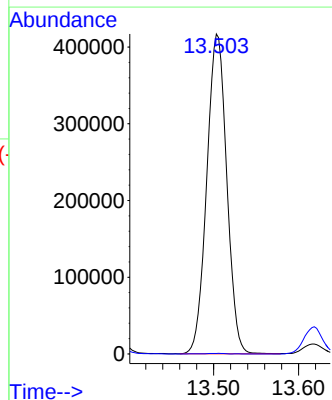
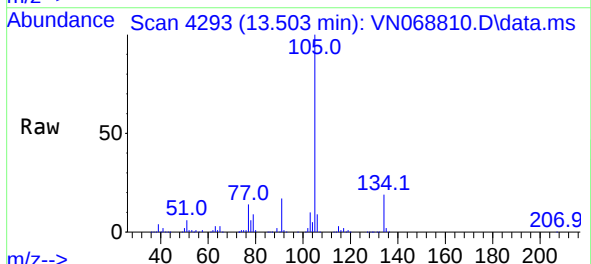
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

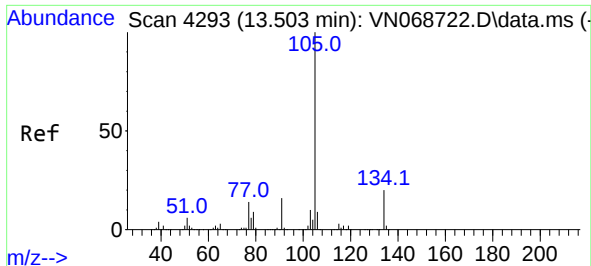
Tgt Ion:119 Resp: 485244  
Ion Ratio Lower Upper  
119 100  
91 68.1 0.0 137.0  
134 23.6 0.0 47.6



#80  
1,2,4-Trimethylbenzene  
Concen: 23.212 ug/l  
RT: 13.503 min Scan# 4293  
Delta R.T. 0.131 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion:105 Resp: 681134  
Ion Ratio Lower Upper  
105 100  
120 0.1 0.0 0.2

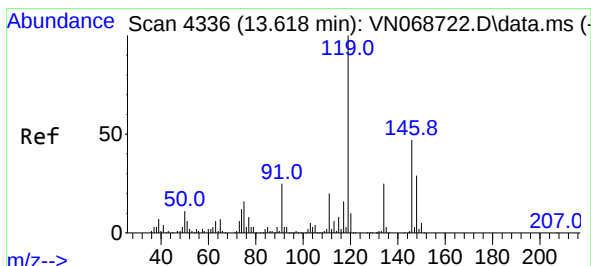
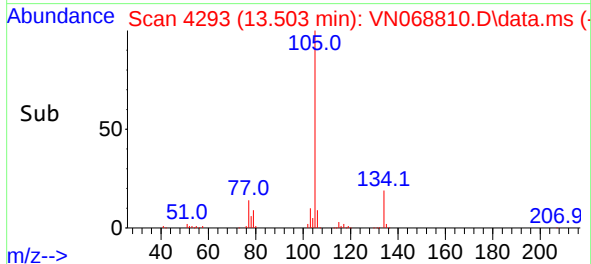
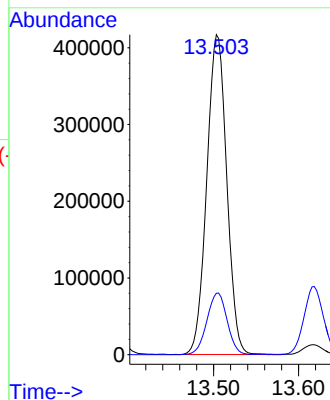
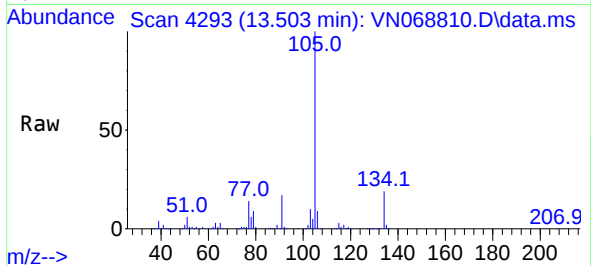




#81  
sec-Butylbenzene  
Concen: 18.387 ug/l  
RT: 13.503 min Scan# 4293  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

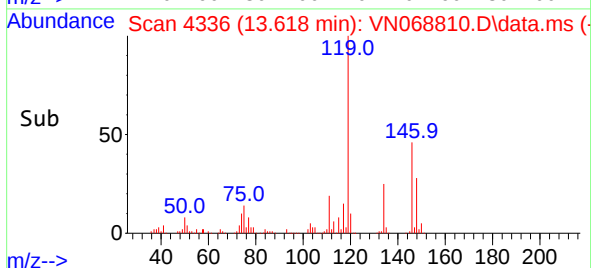
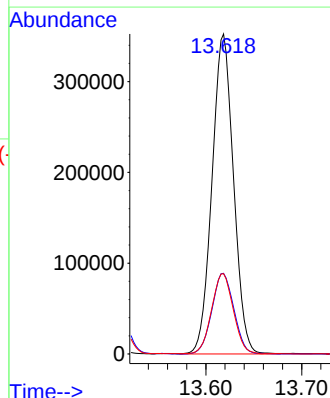
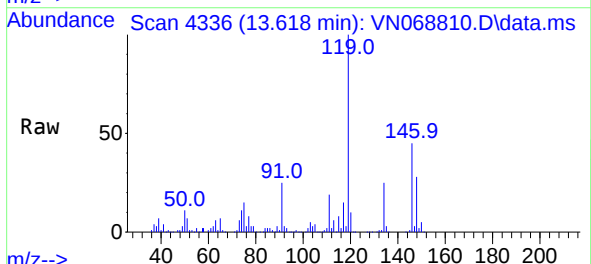
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MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

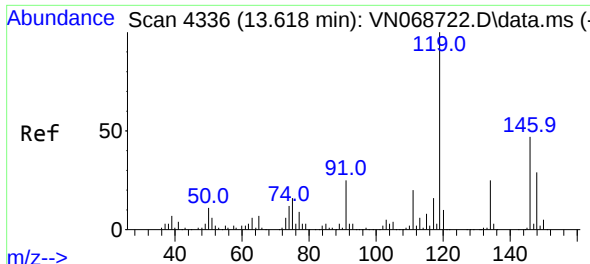
Tgt Ion:105 Resp: 681134  
Ion Ratio Lower Upper  
105 100  
134 19.6 0.0 39.4



#82  
p-Isopropyltoluene  
Concen: 17.876 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion:119 Resp: 548518  
Ion Ratio Lower Upper  
119 100  
134 25.8 0.0 51.8  
91 25.2 0.0 50.4

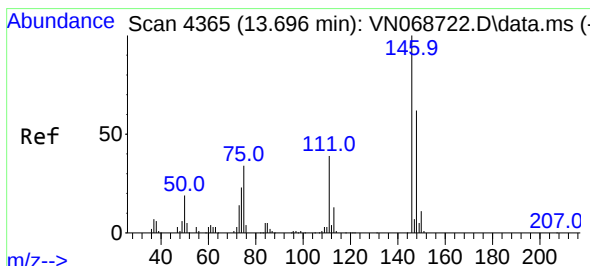
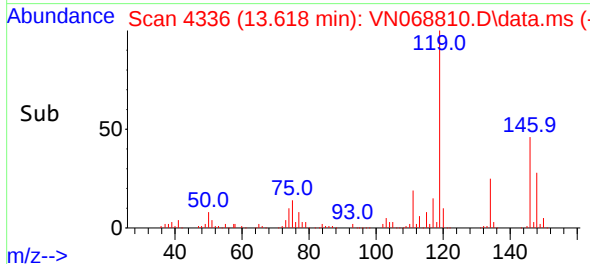
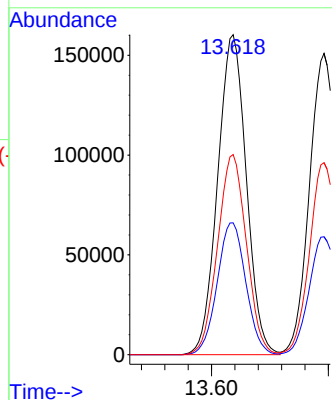
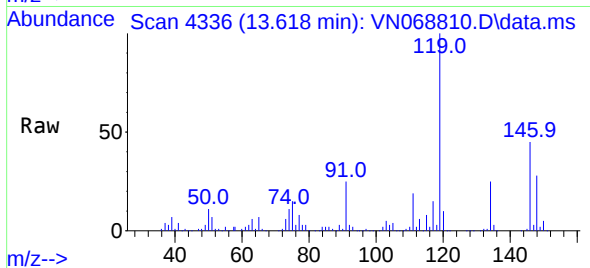




#83  
1,3-Dichlorobenzene  
Concen: 18.154 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

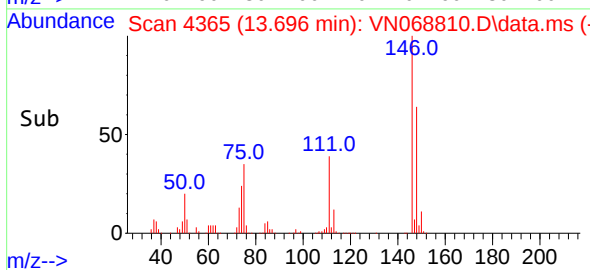
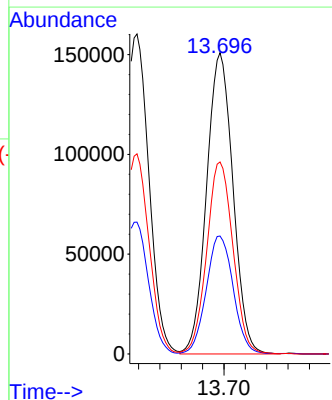
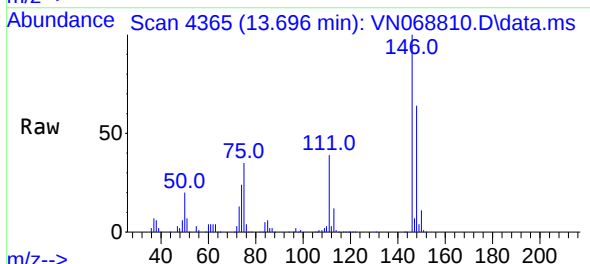
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MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

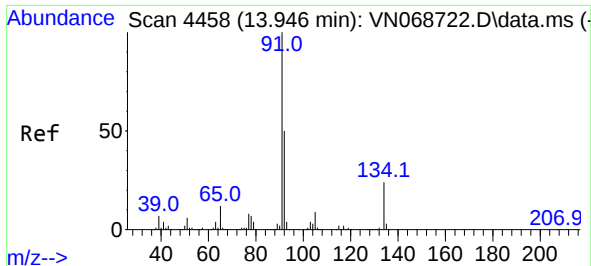
Tgt Ion:146 Resp: 273261  
Ion Ratio Lower Upper  
146 100  
111 41.2 20.8 62.2  
148 62.9 31.4 94.3



#84  
1,4-Dichlorobenzene  
Concen: 18.060 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion:146 Resp: 258613  
Ion Ratio Lower Upper  
146 100  
111 40.1 19.5 58.5  
148 63.7 31.1 93.5

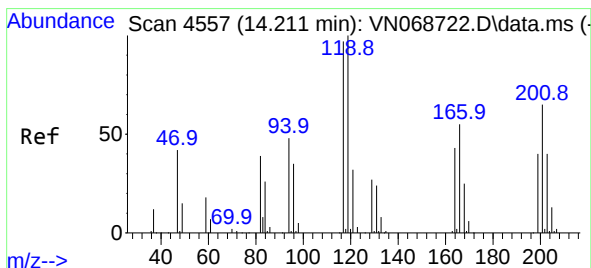
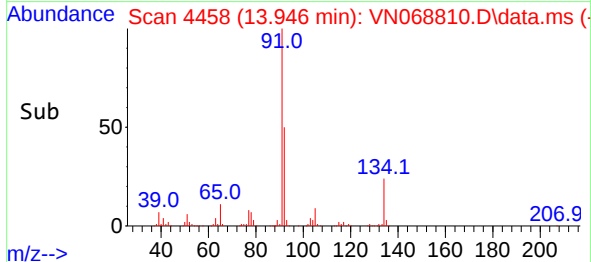
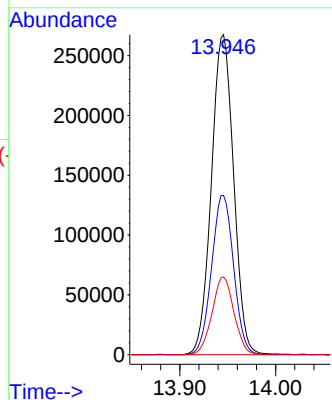
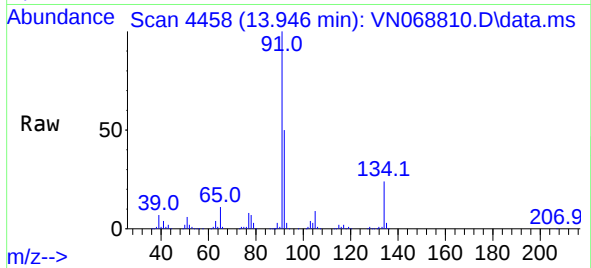




#85  
n-Butylbenzene  
Concen: 17.061 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. -0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

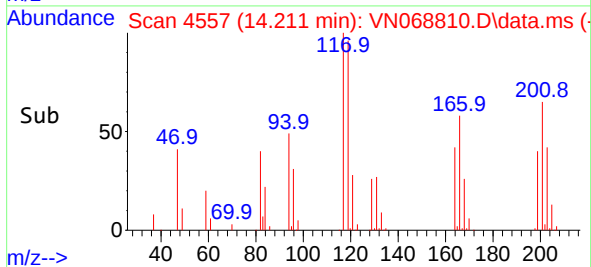
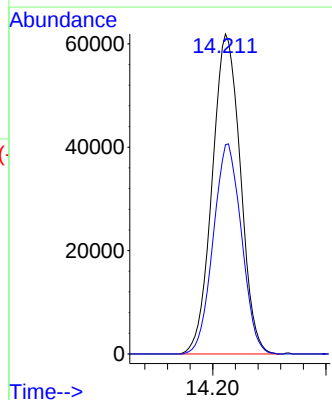
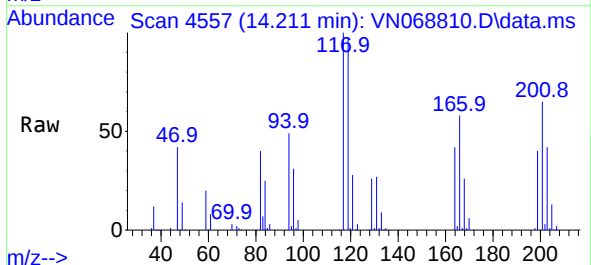
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ClientSampleId :  
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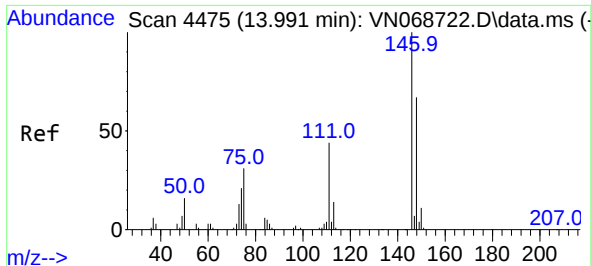
Tgt Ion: 91 Resp: 430659  
Ion Ratio Lower Upper  
91 100  
92 49.4 0.0 100.6  
134 24.0 0.0 50.2



#86  
Hexachloroethane  
Concen: 18.509 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 117 Resp: 106887  
Ion Ratio Lower Upper  
117 100  
201 65.9 33.3 99.8

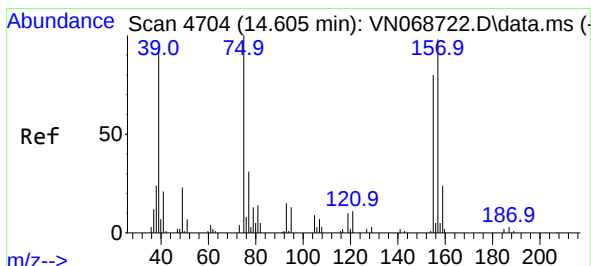
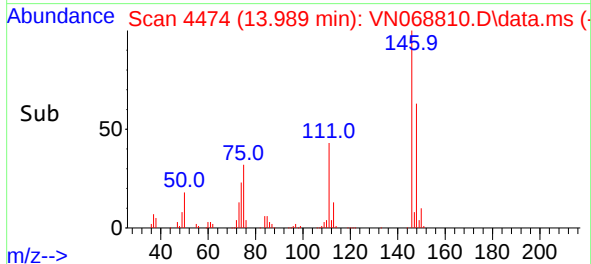
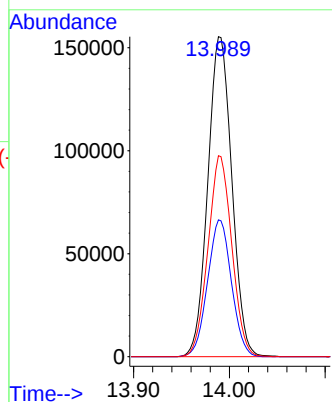
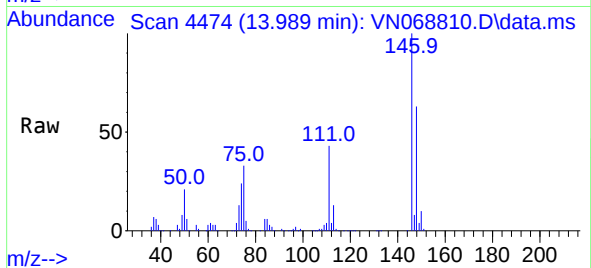




#87  
1,2-Dichlorobenzene  
Concen: 19.443 ug/l  
RT: 13.989 min Scan# 4474  
Delta R.T. -0.002 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

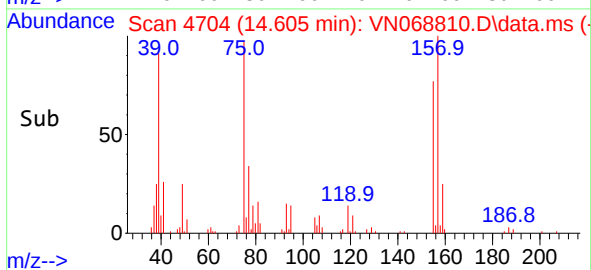
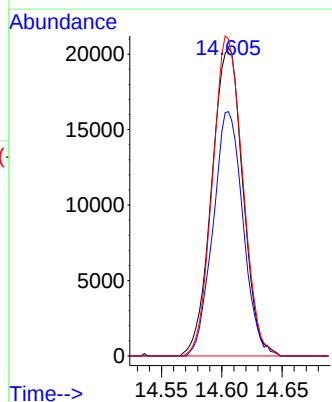
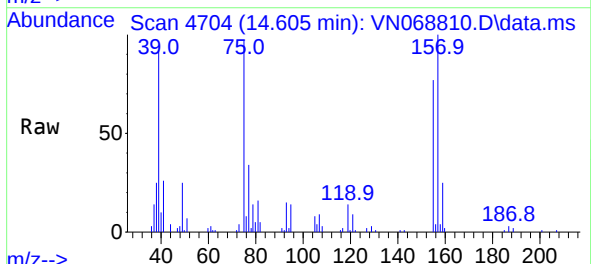
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MSVOA\_N  
ClientSampleId :  
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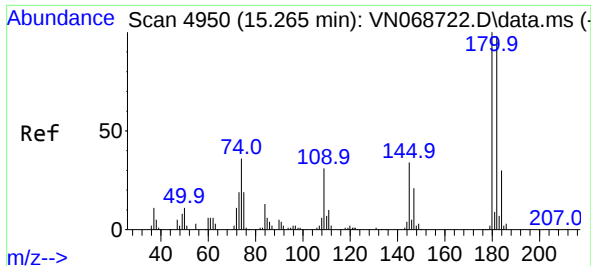
Tgt Ion:146 Resp: 270595  
Ion Ratio Lower Upper  
146 100  
111 42.5 21.4 64.2  
148 62.4 32.5 97.4



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 20.309 ug/l  
RT: 14.605 min Scan# 4704  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

Tgt Ion: 75 Resp: 36682  
Ion Ratio Lower Upper  
75 100  
155 76.4 63.8 95.8  
157 100.5 77.9 116.9

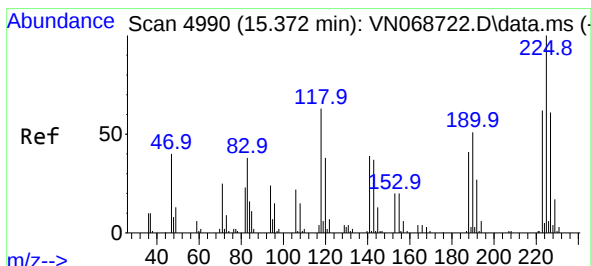
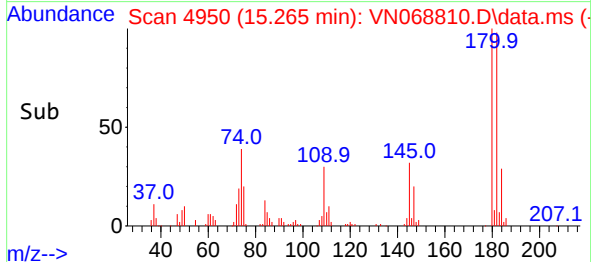
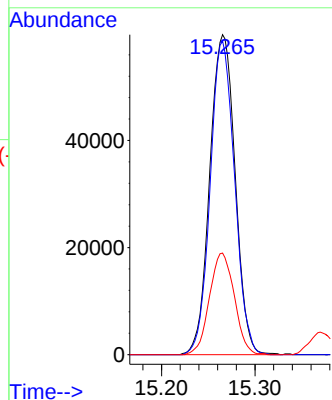
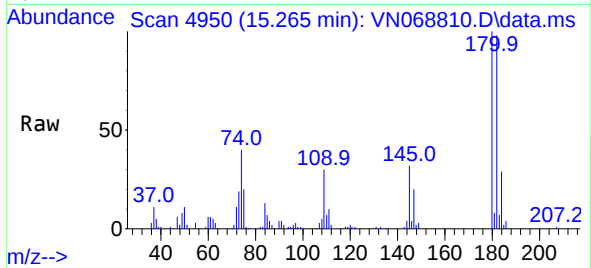




#89  
1,2,4-Trichlorobenzene  
Concen: 16.458 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

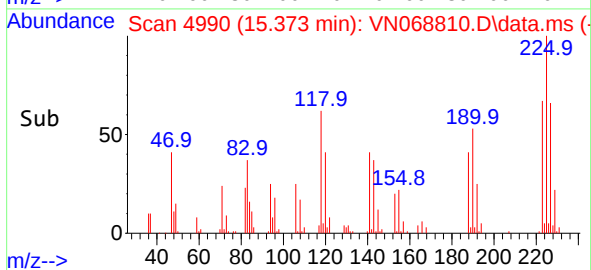
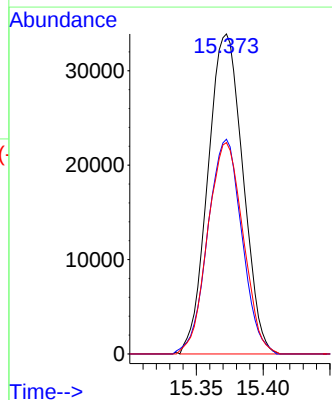
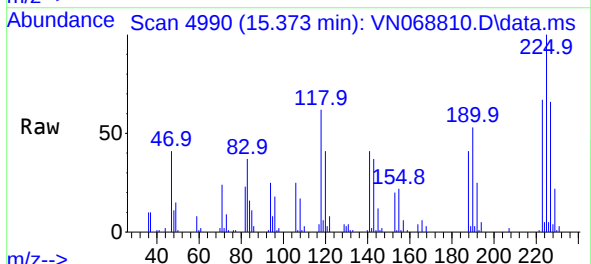
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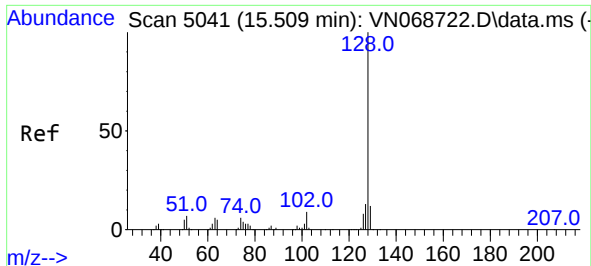
Tgt Ion:180 Resp: 112531  
Ion Ratio Lower Upper  
180 100  
182 94.2 77.7 116.5  
145 31.1 26.6 39.8



#90  
Hexachlorobutadiene  
Concen: 18.125 ug/l  
RT: 15.373 min Scan# 4990  
Delta R.T. 0.001 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

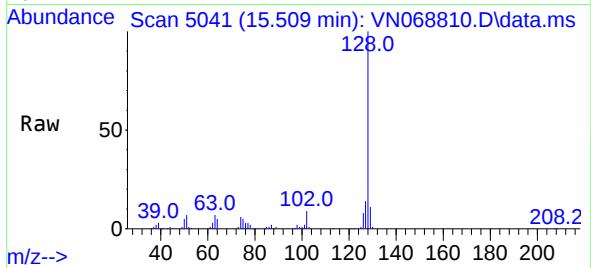
Tgt Ion:225 Resp: 61771  
Ion Ratio Lower Upper  
225 100  
223 65.6 0.0 126.8  
227 66.6 0.0 123.0



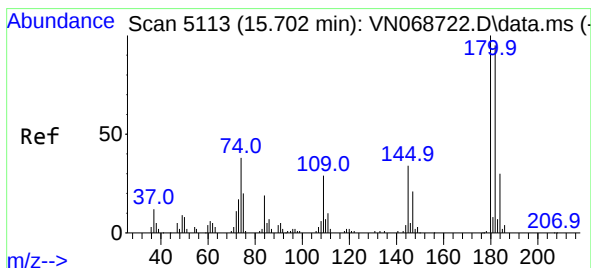
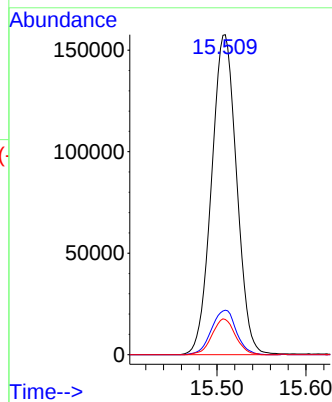
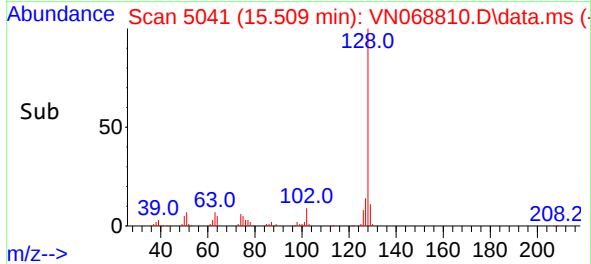


#91  
Naphthalene  
Concen: 15.985 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16

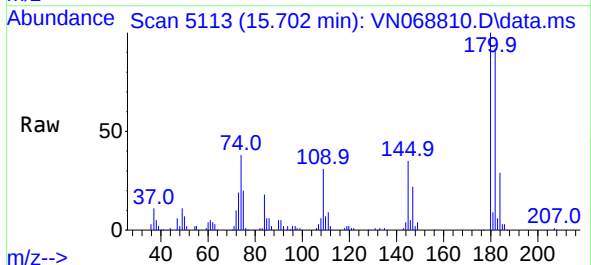
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC



Tgt Ion:128 Resp: 308499  
Ion Ratio Lower Upper  
128 100  
127 13.8 10.7 16.1  
129 10.5 9.0 13.6



#92  
1,2,3-Trichlorobenzene  
Concen: 17.251 ug/l  
RT: 15.702 min Scan# 5113  
Delta R.T. 0.000 min  
Lab File: VN068810.D  
Acq: 5 Oct 2021 18:16



Tgt Ion:180 Resp: 113088  
Ion Ratio Lower Upper  
180 100  
182 93.8 0.0 190.0  
145 33.4 0.0 67.8

