

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030823\  
 Data File : VN076884.D  
 Acq On : 08 Mar 2023 18:23  
 Operator : JC\MD  
 Sample : VSTDICC010  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC010

Quant Time: Mar 09 03:47:26 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N030823W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Mar 09 03:46:27 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 7.825  | 128   | 46485    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 9.107  | 114   | 322391   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.866 | 117   | 354659   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.589  | 65    | 127657   | 29.789   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 99.300%  |
| 60) 4-Bromofluorobenzene     | 12.854 | 95    | 198837   | 31.399   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 104.667% |
| 63) Toluene-d8               | 10.572 | 98    | 382610   | 30.787   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 102.633% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.143  | 85    | 66710    | 12.906   | ug/l   | 98       |
| 3) Chloromethane             | 2.378  | 50    | 61668    | 10.366   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.531  | 62    | 56201    | 9.090    | ug/l   | 91       |
| 5) Bromomethane              | 2.984  | 94    | 36639    | 8.544    | ug/l   | 82       |
| 6) Chloroethane              | 3.137  | 64    | 32906    | 8.310    | ug/l   | 89       |
| 7) Trichlorofluoromethane    | 3.519  | 101   | 101009   | 12.105   | ug/l   | 97       |
| 8) Diethyl Ether             | 3.972  | 74    | 36540    | 11.148   | ug/l   | 91       |
| 9) 1,1,2-Trichlorotrifluo... | 4.395  | 101   | 57232    | 11.408   | ug/l   | 96       |
| 10) 1,1-Dichloroethene       | 4.360  | 96    | 56072    | 11.856   | ug/l   | 87       |
| 11) Methyl Iodide            | 4.607  | 142   | 63477    | 11.127   | ug/l   | 98       |
| 12) Methyl Acetate           | 5.048  | 43    | 94461    | 10.206   | ug/l   | 98       |
| 13) Acrolein                 | 4.201  | 56    | 67792    | 58.578   | ug/l   | 99       |
| 14) Acrylonitrile            | 5.731  | 53    | 153043   | 53.343   | ug/l   | 97       |
| 15) Acetone                  | 4.443  | 58    | 44206    | 49.245   | ug/l   | 91       |
| 16) Carbon Disulfide         | 4.725  | 76    | 152093   | 11.503   | ug/l   | 99       |
| 17) Allyl chloride           | 5.037  | 41    | 83658    | 10.252   | ug/l   | 96       |
| 18) Methylene Chloride       | 5.295  | 84    | 66356    | 11.303   | ug/l # | 84       |
| 19) trans-1,2-Dichloroethene | 5.807  | 96    | 60341    | 11.549   | ug/l   | 92       |
| 20) Diisopropyl ether        | 6.684  | 45    | 182918   | 9.552    | ug/l   | 97       |
| 21) 1,1-Dichloroethane       | 6.578  | 63    | 115488   | 11.296   | ug/l   | 98       |
| 22) cis-1,2-Dichloroethene   | 7.495  | 96    | 68329    | 11.487   | ug/l   | 97       |
| 23) tert-Butyl Alcohol       | 5.531  | 59    | 26360    | 31.978   | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 5.813  | 73    | 177209   | 10.965   | ug/l   | 93       |
| 25) Chloroform               | 7.972  | 83    | 117888   | 11.756   | ug/l   | 99       |
| 26) Cyclohexane              | 8.266  | 56    | 102258   | 11.109   | ug/l # | 97       |
| 29) 1,1-Dichloropropene      | 8.383  | 75    | 85396    | 11.598   | ug/l   | 99       |
| 30) 2-Butanone               | 7.495  | 43    | 204001   | 49.838   | ug/l   | 97       |
| 31) 2,2-Dichloropropane      | 7.495  | 77    | 83578    | 10.899   | ug/l # | 94       |
| 32) 1,1,1-Trichloroethane    | 8.178  | 97    | 101251   | 11.791   | ug/l   | 96       |
| 33) Carbon Tetrachloride     | 8.372  | 117   | 87710    | 11.752   | ug/l   | 97       |
| 34) Benzene                  | 8.613  | 78    | 268449   | 11.462   | ug/l   | 99       |
| 35) Methacrylonitrile        | 7.789  | 41    | 42523    | 9.360    | ug/l   | 87       |
| 36) 1,2-Dichloroethane       | 8.678  | 62    | 91099    | 11.615   | ug/l   | 98       |
| 37) Trichloroethene          | 9.354  | 130   | 63990    | 11.629   | ug/l   | 99       |
| 38) Methylcyclohexane        | 9.607  | 83    | 103464   | 11.081   | ug/l   | 98       |
| 39) 1,2-Dichloropropane      | 9.625  | 63    | 67335    | 11.098   | ug/l   | 98       |
| 40) Dibromomethane           | 9.713  | 93    | 42995    | 11.122   | ug/l   | 92       |
| 41) Bromodichloromethane     | 9.889  | 83    | 85721    | 11.018   | ug/l # | 96       |
| 42) Vinyl Acetate            | 6.619  | 43    | 590386   | 48.788   | ug/l   | 98       |

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 Sample : VSTDICC010  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC010

Quant Time: Mar 09 03:47:26 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N030823W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Mar 09 03:46:27 2023  
 Response via : Initial Calibration

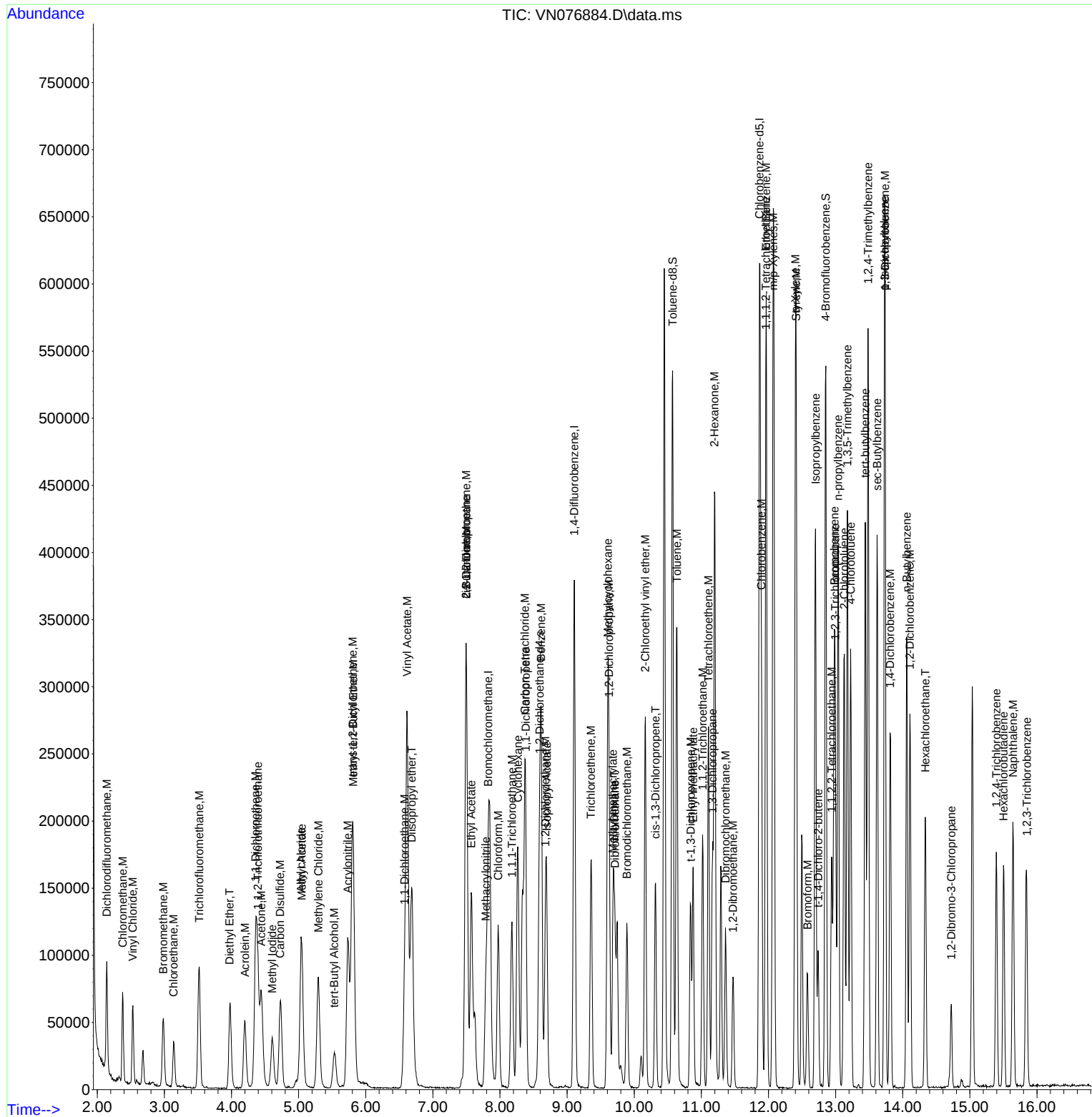
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 7.572  | 43   | 81493    | 10.328  | ug/l   | 99       |
| 44) Isopropyl Acetate         | 8.695  | 43   | 125690   | 9.623   | ug/l   | 92       |
| 45) 1,4-Dioxane               | 9.701  | 88   | 22813    | 207.911 | ug/l   | 96       |
| 46) Methyl methacrylate       | 9.683  | 41   | 60090    | 9.979   | ug/l   | 89       |
| 48) t-1,3-Dichloropropene     | 10.842 | 75   | 82992    | 10.569  | ug/l   | 96       |
| 49) cis-1,3-Dichloropropene   | 10.319 | 75   | 95700    | 10.623  | ug/l # | 84       |
| 50) 1,1,2-Trichloroethane     | 11.019 | 97   | 62311    | 11.081  | ug/l   | 95       |
| 51) Ethyl methacrylate        | 10.877 | 69   | 88596    | 10.838  | ug/l   | 81       |
| 52) 1,3-Dichloropropane       | 11.166 | 76   | 108243   | 11.193  | ug/l   | 100      |
| 53) Dibromochloromethane      | 11.360 | 129  | 62833    | 10.967  | ug/l   | 97       |
| 54) 1,2-Dibromoethane         | 11.471 | 107  | 59861    | 11.001  | ug/l   | 98       |
| 55) 2-Chloroethyl vinyl ether | 10.166 | 63   | 128069   | 36.703  | ug/l   | 98       |
| 56) Bromoform                 | 12.583 | 173  | 41501    | 10.607  | ug/l   | 98       |
| 59) 2-Hexanone                | 11.195 | 43   | 289720   | 48.106  | ug/l # | 92       |
| 61) Tetrachloroethene         | 11.107 | 164  | 62053    | 13.205  | ug/l   | 89       |
| 62) Toluene                   | 10.636 | 91   | 272541   | 11.033  | ug/l   | 99       |
| 64) Chlorobenzene             | 11.895 | 112  | 160868   | 11.045  | ug/l   | 97       |
| 65) 1,1,1,2-Tetrachloroethane | 11.960 | 131  | 61276    | 11.399  | ug/l   | 97       |
| 66) Ethyl Benzene             | 11.966 | 91   | 291108   | 11.050  | ug/l   | 96       |
| 67) m/p-Xylenes               | 12.071 | 106  | 223019   | 21.900  | ug/l   | 93       |
| 68) o-Xylene                  | 12.401 | 106  | 108927   | 10.870  | ug/l   | 97       |
| 69) Styrene                   | 12.413 | 104  | 171045   | 10.620  | ug/l   | 97       |
| 70) Isopropylbenzene          | 12.701 | 105  | 279024   | 10.879  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 12.942 | 83   | 88643    | 10.761  | ug/l   | 97       |
| 72) 1,2,3-Trichloropropane    | 12.995 | 75   | 109222   | 14.755  | ug/l   | 76       |
| 73) Bromobenzene              | 12.983 | 156  | 63849    | 10.844  | ug/l   | 92       |
| 74) n-propylbenzene           | 13.036 | 91   | 329844   | 10.769  | ug/l   | 100      |
| 75) 2-Chlorotoluene           | 13.130 | 91   | 207386   | 11.301  | ug/l   | 96       |
| 76) 1,3,5-Trimethylbenzene    | 13.177 | 105  | 245656   | 11.394  | ug/l   | 94       |
| 77) t-1,4-Dichloro-2-butene   | 12.742 | 75   | 21950    | 9.405   | ug/l   | 88       |
| 78) 4-Chlorotoluene           | 13.224 | 91   | 199708   | 11.362  | ug/l   | 95       |
| 79) tert-butylbenzene         | 13.442 | 119  | 202004   | 10.745  | ug/l   | 94       |
| 80) 1,2,4-Trimethylbenzene    | 13.483 | 105  | 234812   | 11.033  | ug/l   | 97       |
| 81) sec-Butylbenzene          | 13.618 | 105  | 283550   | 10.471  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 13.730 | 119  | 231341   | 10.551  | ug/l   | 98       |
| 83) 1,3-Dichlorobenzene       | 13.736 | 146  | 116020   | 10.373  | ug/l   | 97       |
| 84) 1,4-Dichlorobenzene       | 13.812 | 146  | 111395   | 10.159  | ug/l   | 96       |
| 85) n-Butylbenzene            | 14.060 | 91   | 186667   | 10.003  | ug/l   | 98       |
| 86) Hexachloroethane          | 14.336 | 117  | 41521    | 9.922   | ug/l   | 93       |
| 87) 1,2-Dichlorobenzene       | 14.107 | 146  | 115866   | 10.356  | ug/l   | 97       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.724 | 75   | 15957    | 10.237  | ug/l   | 94       |
| 89) 1,2,4-Trichlorobenzene    | 15.395 | 180  | 59433    | 10.284  | ug/l   | 96       |
| 90) Hexachlorobutadiene       | 15.501 | 225  | 31520    | 11.169  | ug/l   | 97       |
| 91) Naphthalene               | 15.642 | 128  | 181848   | 9.814   | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 15.848 | 180  | 57796    | 9.835   | ug/l   | 98       |

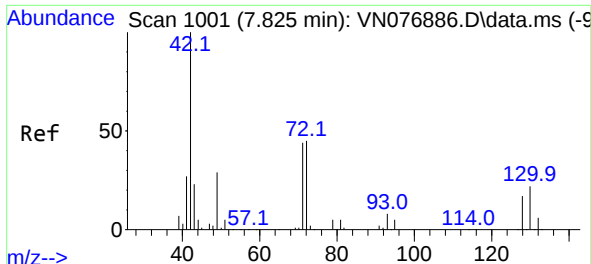
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VN076884.D  
 Acq On : 08 Mar 2023 18:23  
 Operator : JC\MD  
 Sample : VSTDICC010  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC010

Quant Time: Mar 09 03:47:26 2023  
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 QLast Update : Thu Mar 09 03:46:27 2023  
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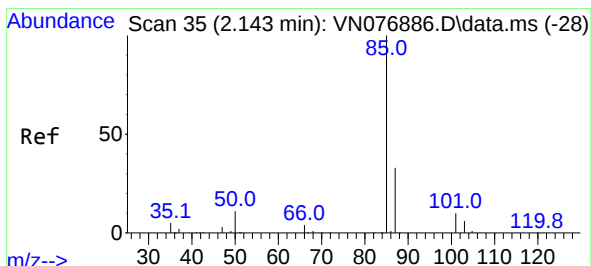
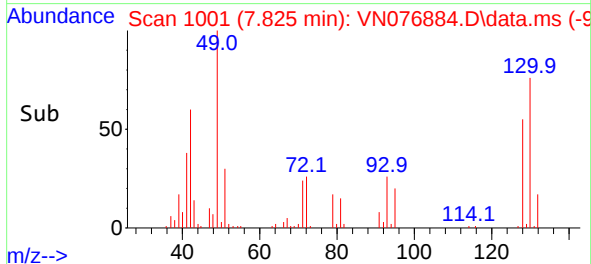
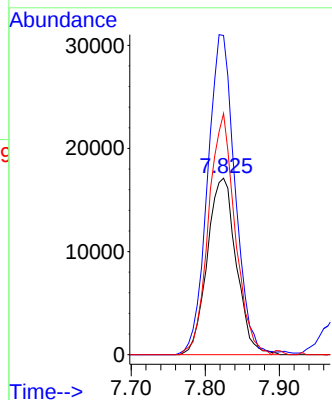
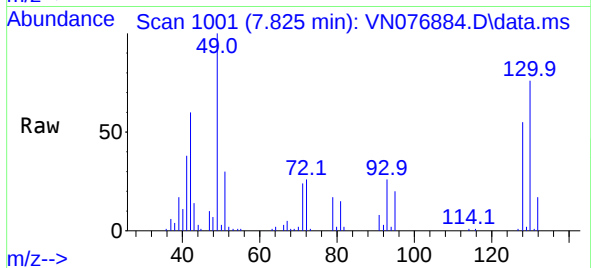




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.825 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

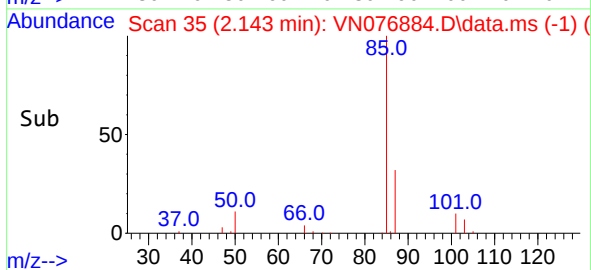
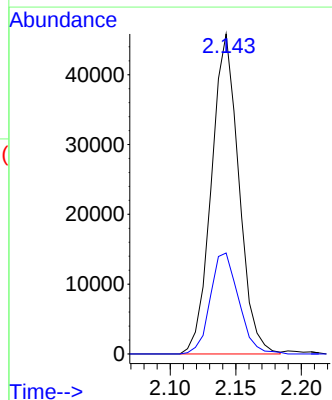
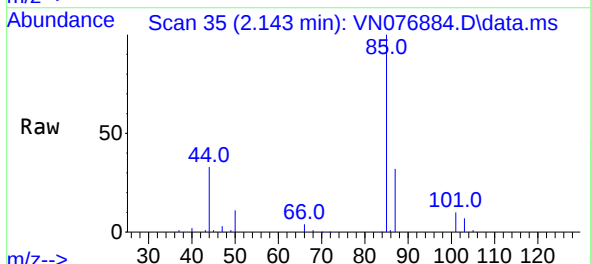
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

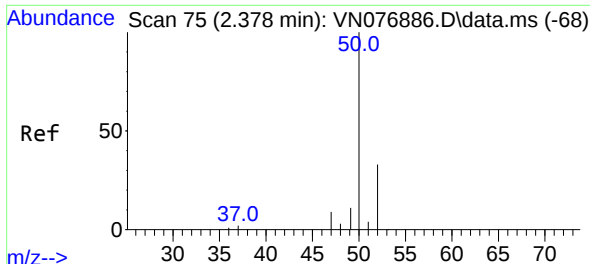
Tgt Ion:128 Resp: 46485  
Ion Ratio Lower Upper  
128 100  
49 172.0 0.0 461.8  
130 125.0 0.0 295.3



#2  
Dichlorodifluoromethane  
Concen: 12.906 ug/l  
RT: 2.143 min Scan# 35  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 85 Resp: 66710  
Ion Ratio Lower Upper  
85 100  
87 31.6 15.4 46.1

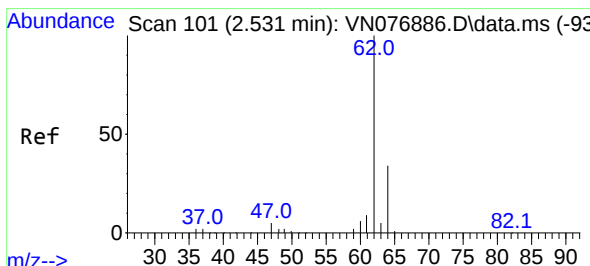
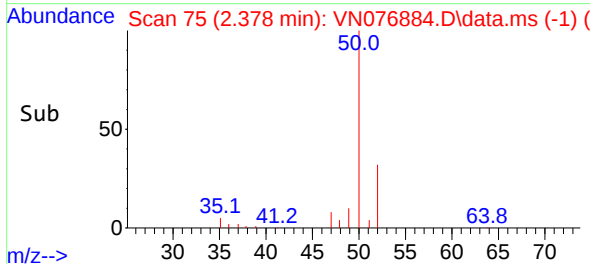
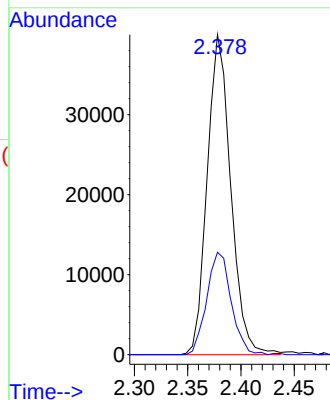
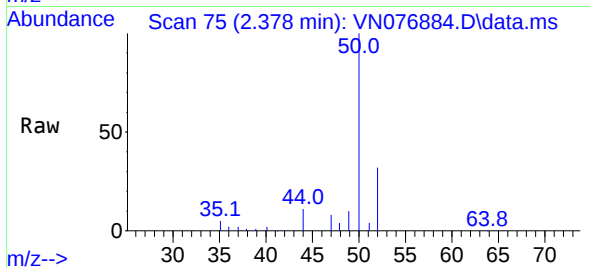




#3  
Chloromethane  
Concen: 10.366 ug/l  
RT: 2.378 min Scan# 75  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

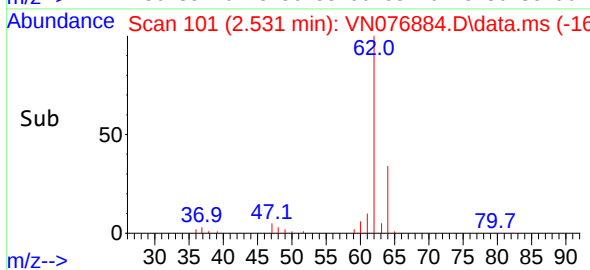
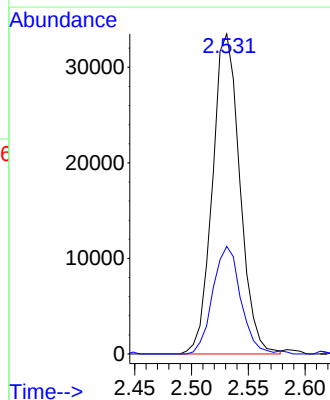
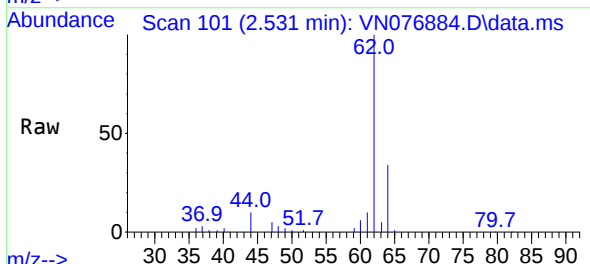
Instrument :  
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ClientSampleId :  
VSTDIC010

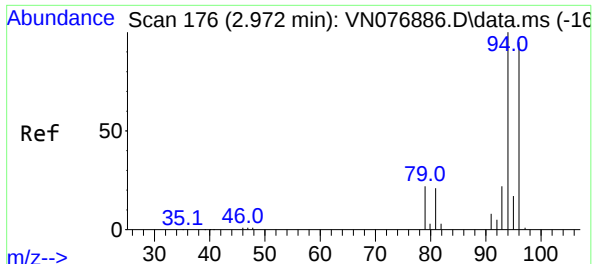
Tgt Ion: 50 Resp: 61668  
Ion Ratio Lower Upper  
50 100  
52 32.0 25.3 37.9



#4  
Vinyl Chloride  
Concen: 9.090 ug/l  
RT: 2.531 min Scan# 101  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 62 Resp: 56201  
Ion Ratio Lower Upper  
62 100  
64 33.6 23.1 34.7

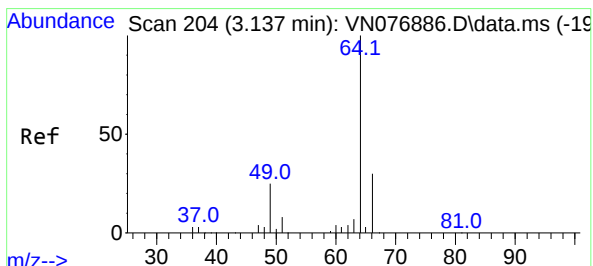
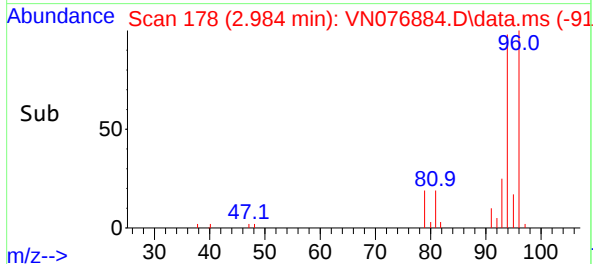
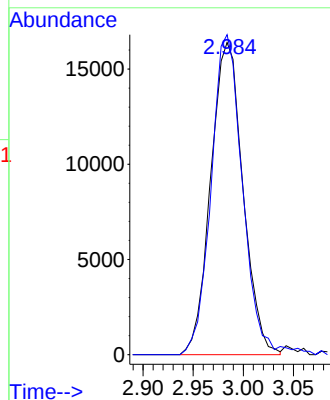
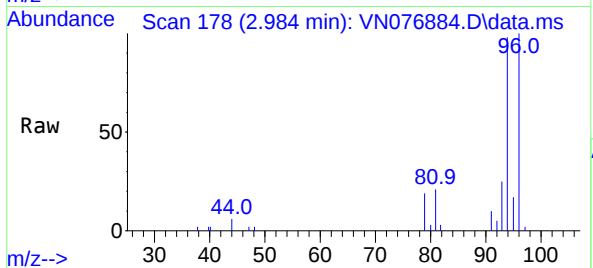




#5  
Bromomethane  
Concen: 8.544 ug/l  
RT: 2.984 min Scan# 178  
Delta R.T. 0.012 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

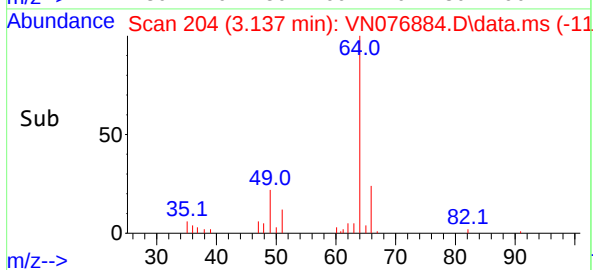
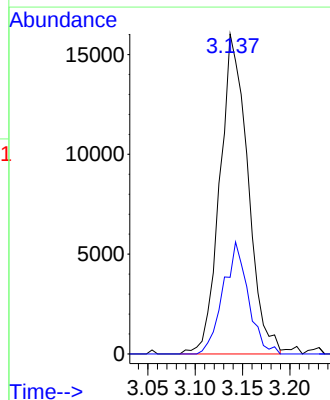
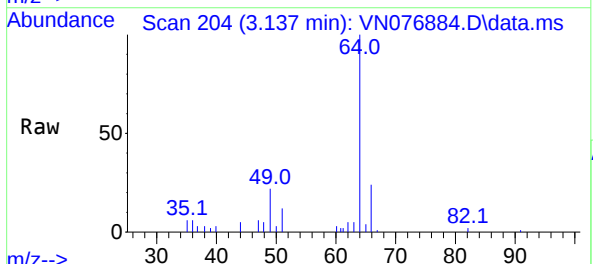
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

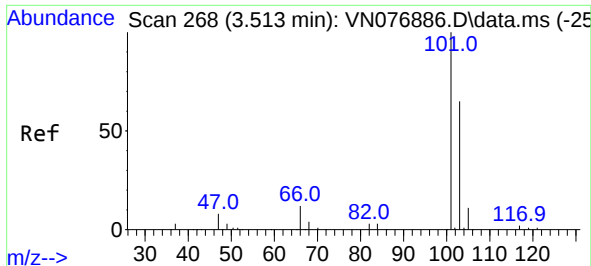
Tgt Ion: 94 Resp: 36639  
Ion Ratio Lower Upper  
94 100  
96 102.5 68.6 103.0



#6  
Chloroethane  
Concen: 8.310 ug/l  
RT: 3.137 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 64 Resp: 32906  
Ion Ratio Lower Upper  
64 100  
66 23.9 23.8 35.6

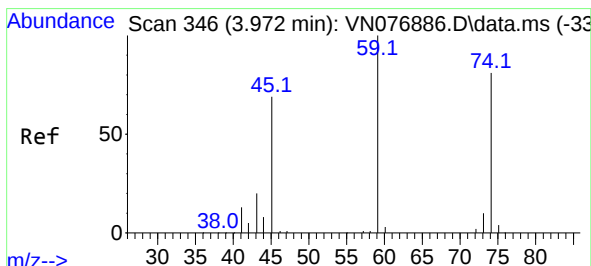
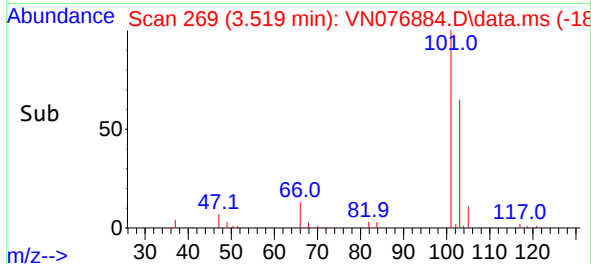
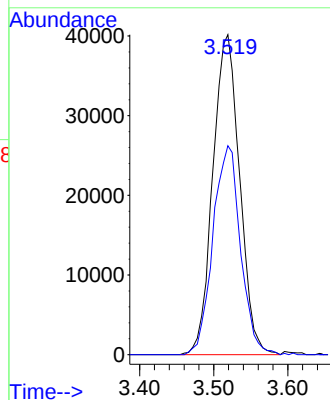
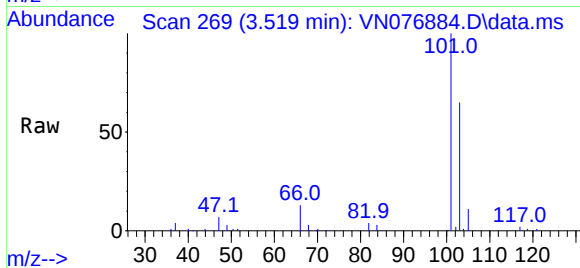




#7  
 Trichlorofluoromethane  
 Concen: 12.105 ug/l  
 RT: 3.519 min Scan# 269  
 Delta R.T. 0.006 min  
 Lab File: VN076884.D  
 Acq: 08 Mar 2023 18:23

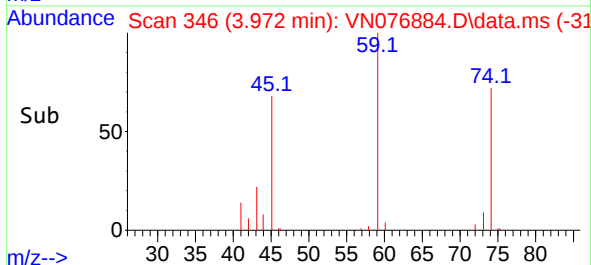
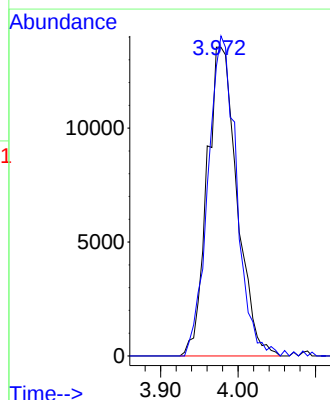
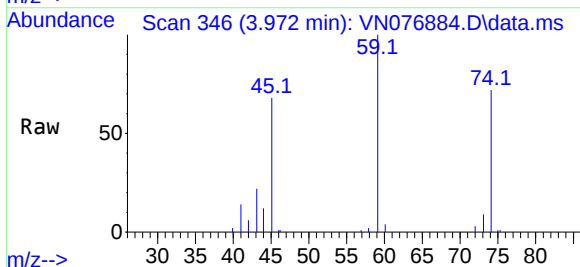
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC010

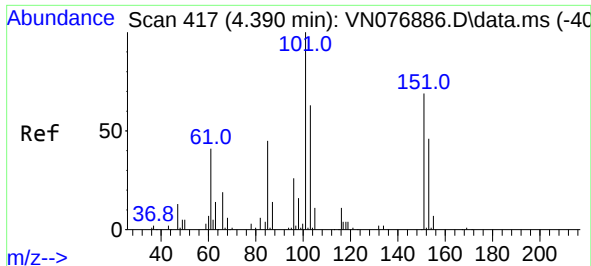
Tgt Ion:101 Resp: 101009  
 Ion Ratio Lower Upper  
 101 100  
 103 65.3 50.2 75.2



#8  
 Diethyl Ether  
 Concen: 11.148 ug/l  
 RT: 3.972 min Scan# 346  
 Delta R.T. -0.000 min  
 Lab File: VN076884.D  
 Acq: 08 Mar 2023 18:23

Tgt Ion: 74 Resp: 36540  
 Ion Ratio Lower Upper  
 74 100  
 45 97.5 21.4 193.0

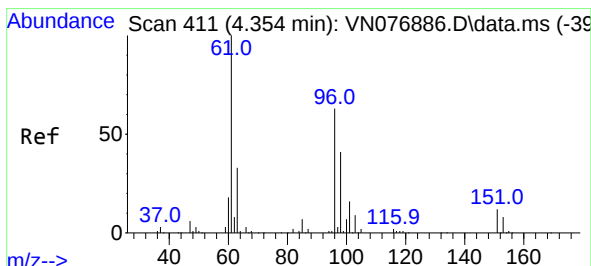
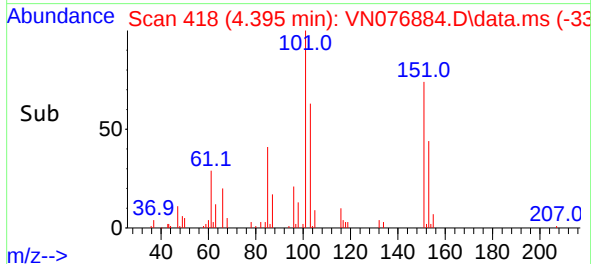
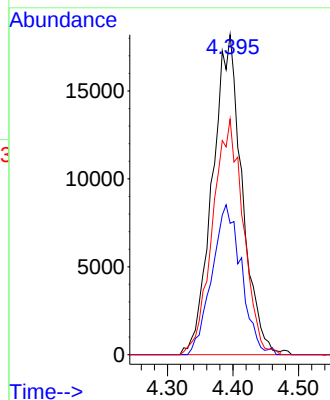
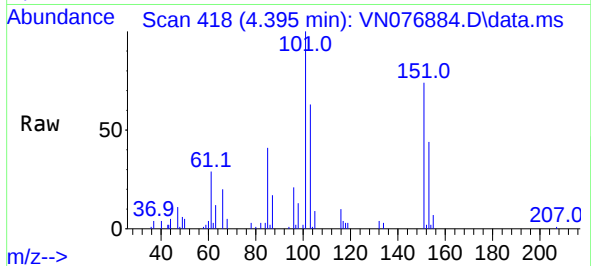




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 11.408 ug/l  
RT: 4.395 min Scan# 417  
Delta R.T. 0.006 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

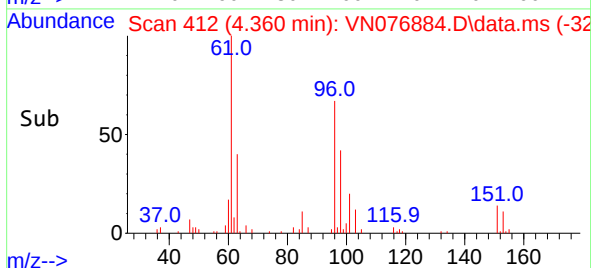
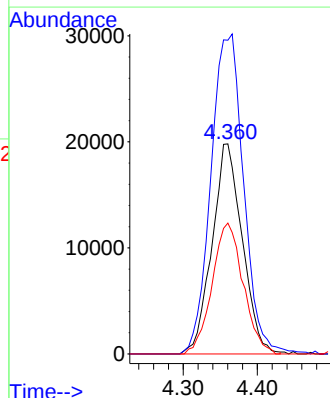
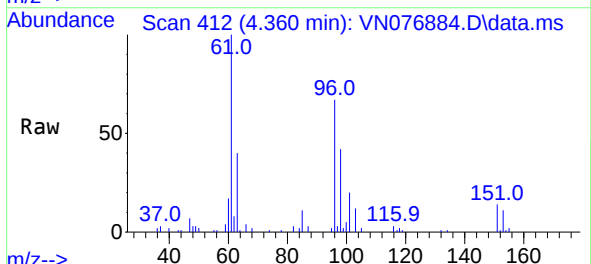
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

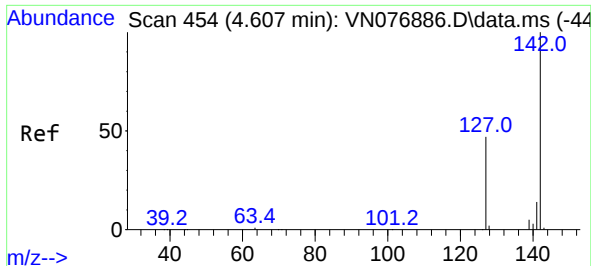
Tgt Ion:101 Resp: 57232  
Ion Ratio Lower Upper  
101 100  
85 46.1 0.0 95.2  
151 75.5 0.0 142.2



#10  
1,1-Dichloroethene  
Concen: 11.856 ug/l  
RT: 4.360 min Scan# 412  
Delta R.T. 0.006 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 96 Resp: 56072  
Ion Ratio Lower Upper  
96 100  
61 149.3 137.1 205.7  
98 62.3 53.2 79.8



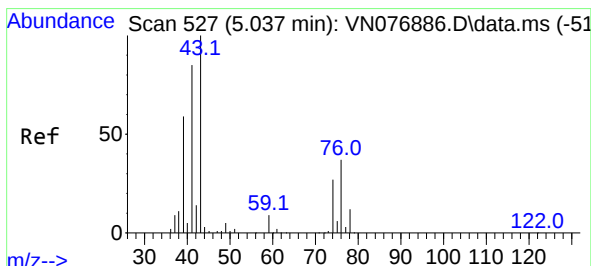
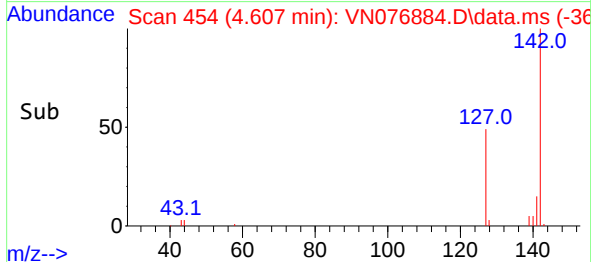
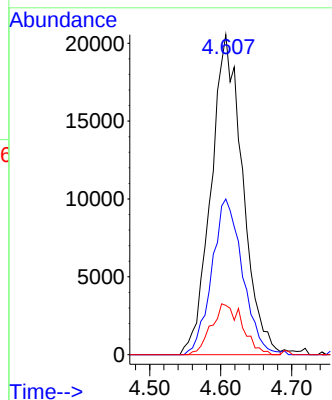
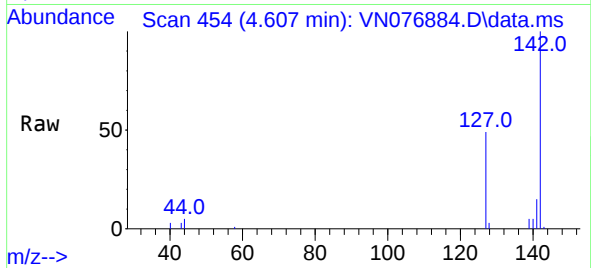


#11  
Methyl Iodide  
Concen: 11.127 ug/l  
RT: 4.607 min Scan# 411  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion:142 Resp: 63477

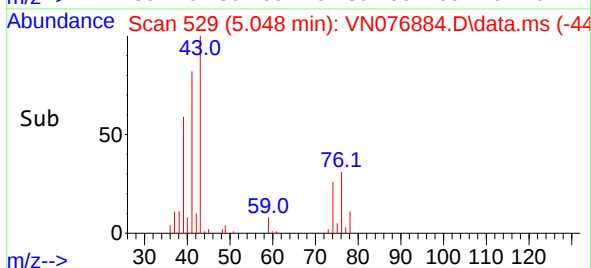
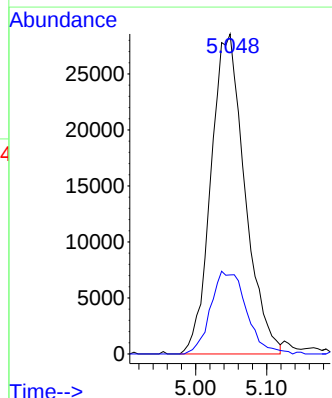
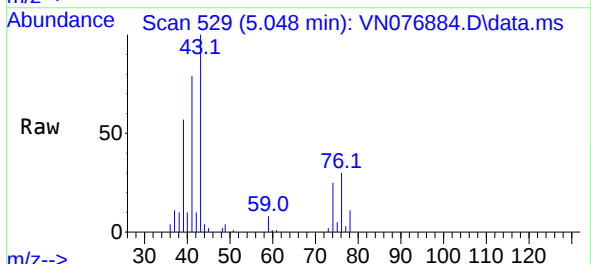
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 127 | 48.5  | 25.0  | 75.0  |
| 141 | 15.5  | 8.0   | 24.0  |

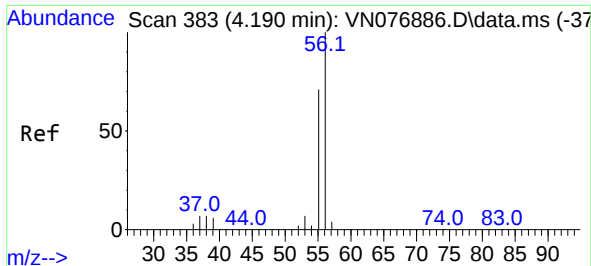


#12  
Methyl Acetate  
Concen: 10.206 ug/l  
RT: 5.048 min Scan# 529  
Delta R.T. 0.012 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 43 Resp: 94461

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 74  | 24.6  | 19.0  | 28.4  |

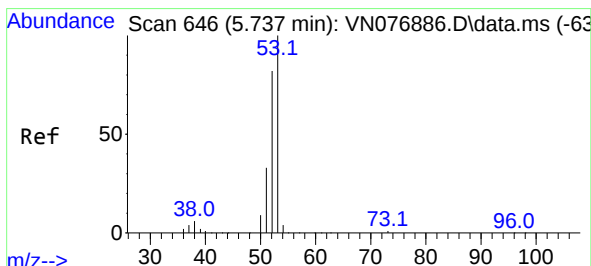
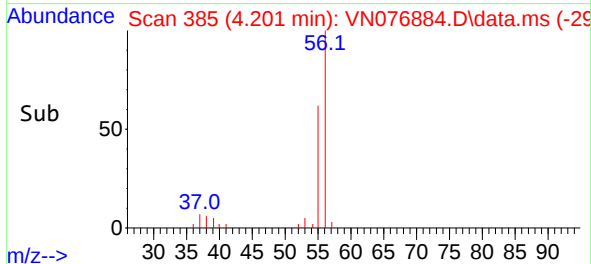
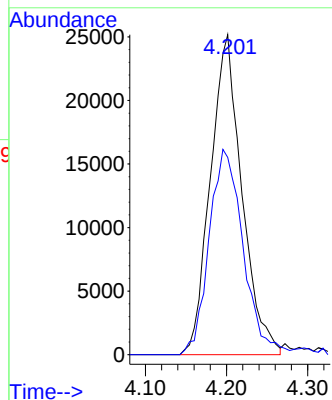
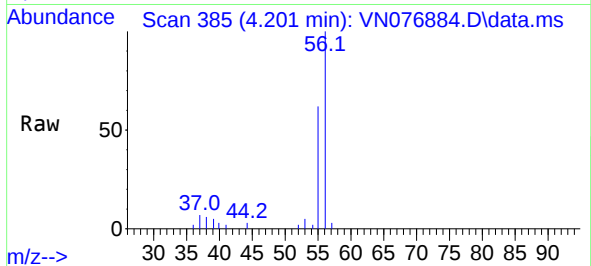




#13  
Acrolein  
Concen: 58.578 ug/l  
RT: 4.201 min Scan# 385  
Delta R.T. 0.012 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

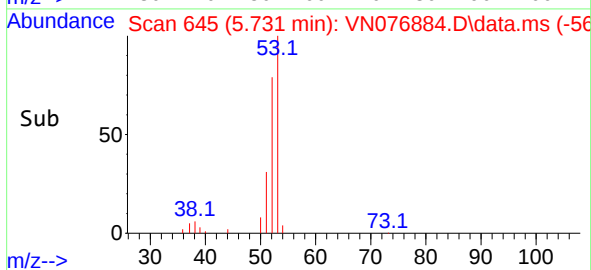
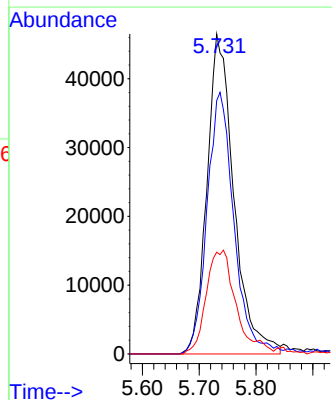
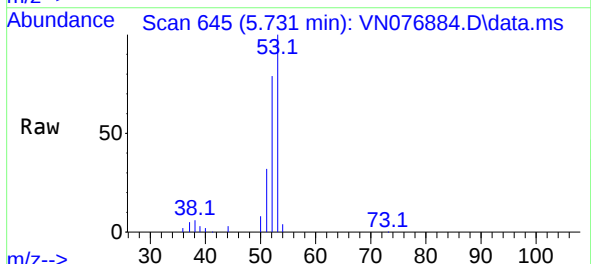
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

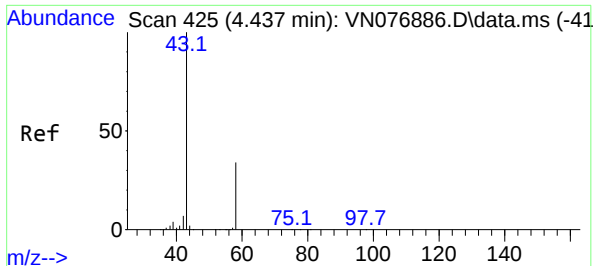
Tgt Ion: 56 Resp: 67792  
Ion Ratio Lower Upper  
56 100  
55 69.3 55.0 82.4



#14  
Acrylonitrile  
Concen: 53.343 ug/l  
RT: 5.731 min Scan# 645  
Delta R.T. -0.006 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 53 Resp: 153043  
Ion Ratio Lower Upper  
53 100  
52 80.0 41.5 124.6  
51 34.0 17.6 52.8

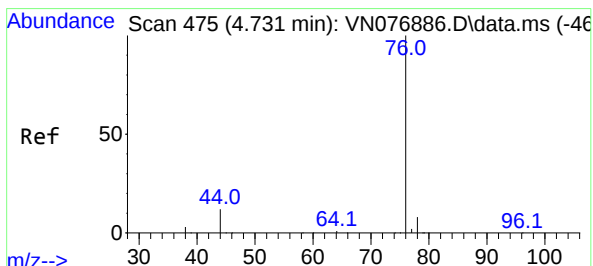
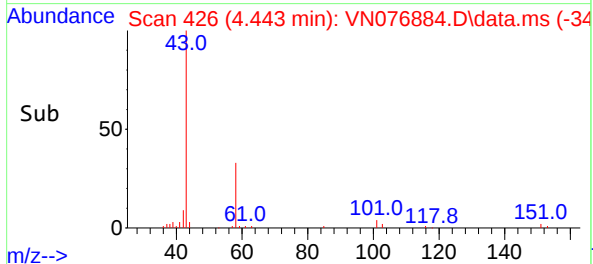
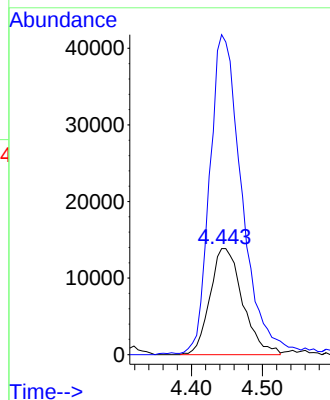
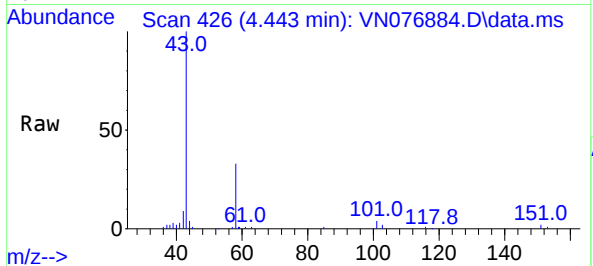




#15  
Acetone  
Concen: 49.245 ug/l  
RT: 4.443 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

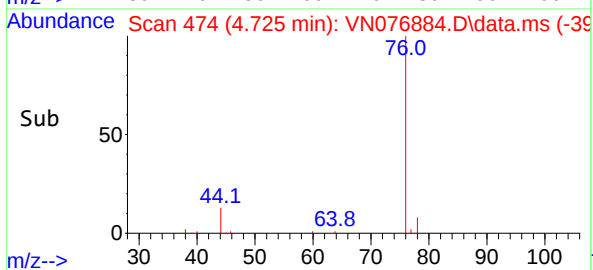
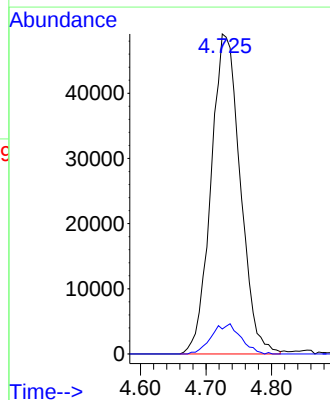
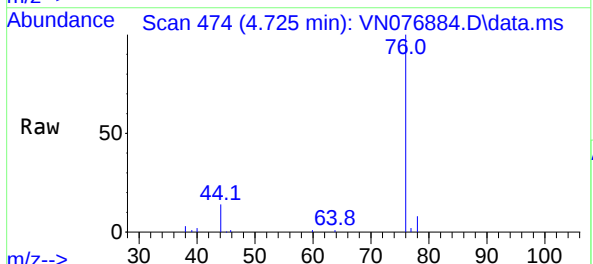
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

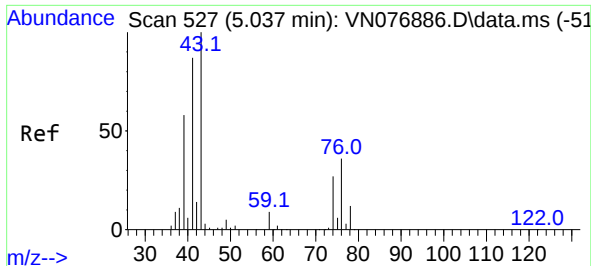
Tgt Ion: 58 Resp: 44206  
Ion Ratio Lower Upper  
58 100  
43 300.6 255.4 383.0



#16  
Carbon Disulfide  
Concen: 11.503 ug/l  
RT: 4.725 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 76 Resp: 152093  
Ion Ratio Lower Upper  
76 100  
78 7.8 6.6 9.8

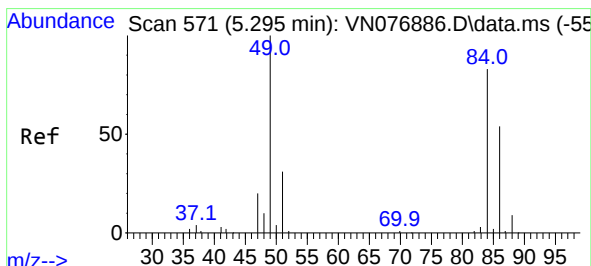
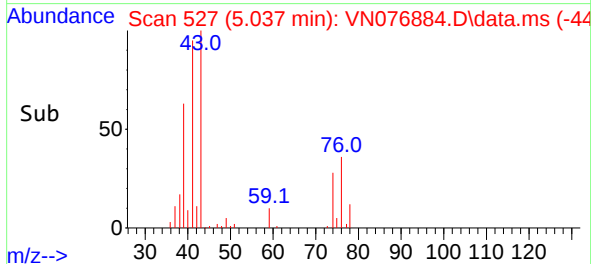
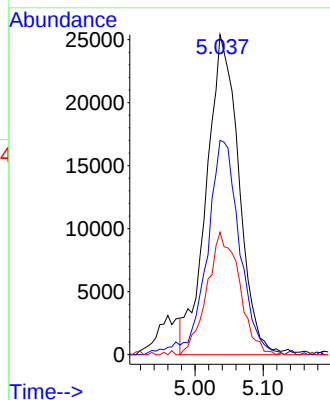
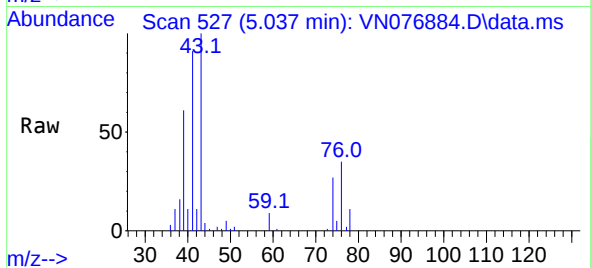




#17  
Allyl chloride  
Concen: 10.252 ug/l  
RT: 5.037 min Scan# 517  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

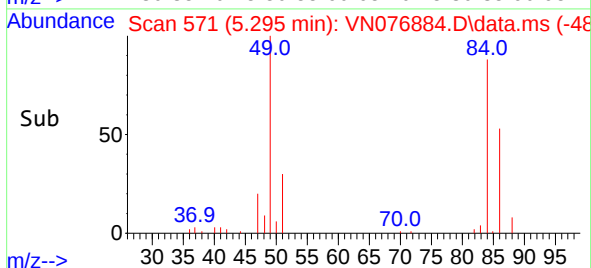
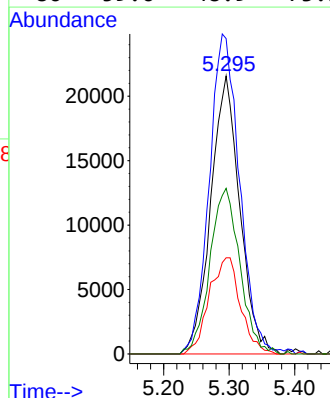
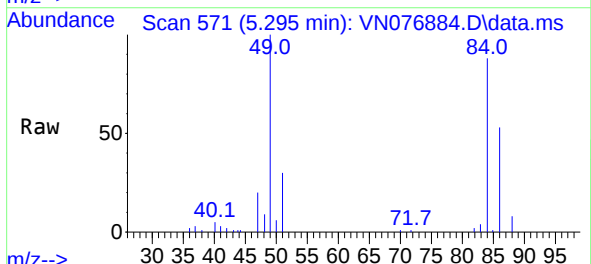
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

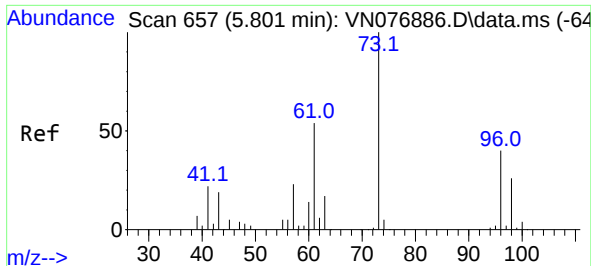
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 83658 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 66.9  | 34.8  | 104.3 |
| 76       | 38.6  | 17.5  | 52.5  |



#18  
Methylene Chloride  
Concen: 11.303 ug/l  
RT: 5.295 min Scan# 571  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 66356  |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 113.5 | 113.8 | 170.6# |
| 51       | 34.6  | 34.2  | 51.4   |
| 86       | 59.6  | 48.9  | 73.3   |





#19

trans-1,2-Dichloroethene

Concen: 11.549 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN076884.D

Acq: 08 Mar 2023 18:23

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

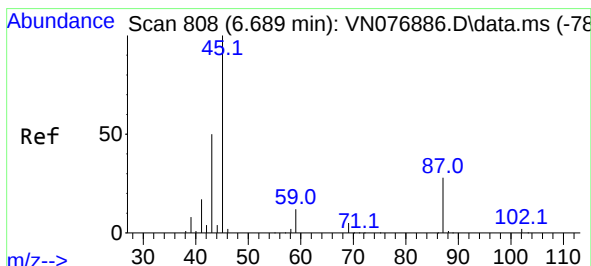
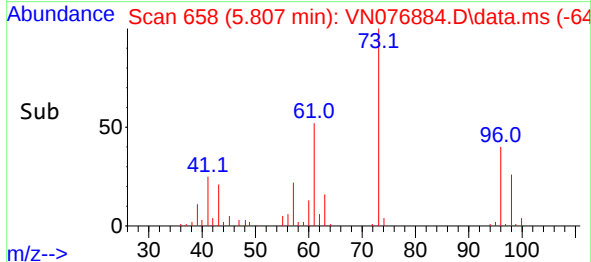
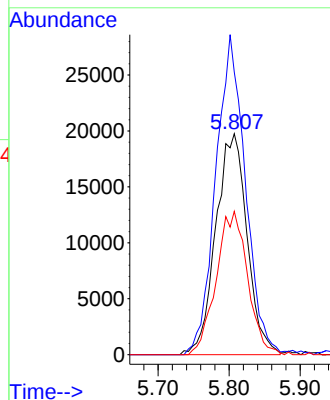
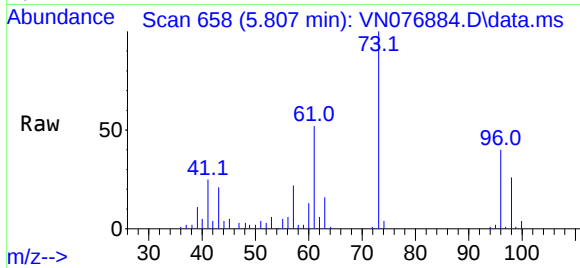
Tgt Ion: 96 Resp: 60341

Ion Ratio Lower Upper

96 100

61 127.9 111.0 166.4

98 64.9 55.0 82.6



#20

Diisopropyl ether

Concen: 9.552 ug/l

RT: 6.684 min Scan# 807

Delta R.T. -0.006 min

Lab File: VN076884.D

Acq: 08 Mar 2023 18:23

Tgt Ion: 45 Resp: 182918

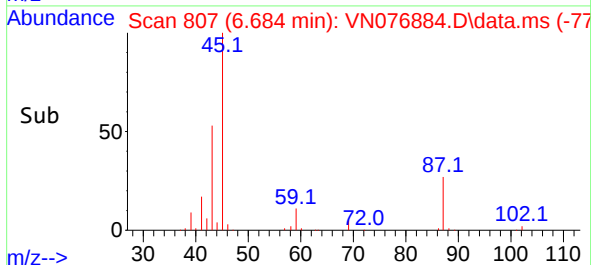
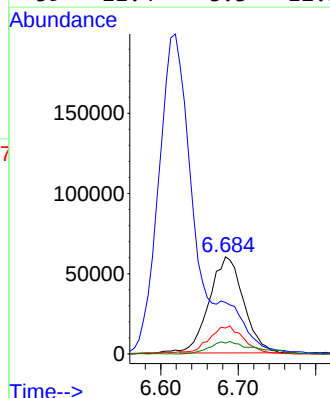
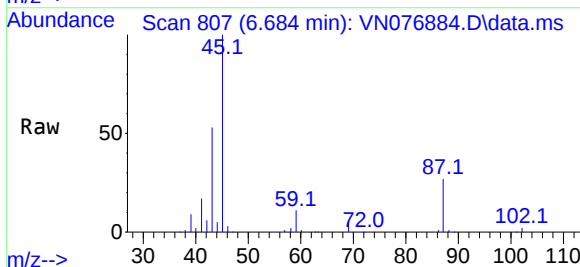
Ion Ratio Lower Upper

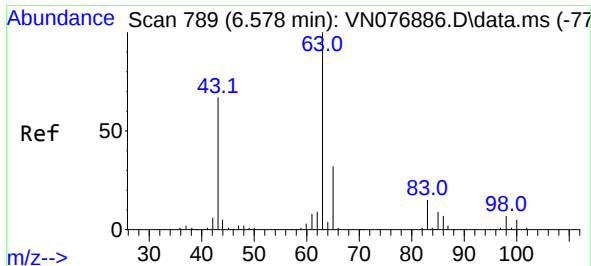
45 100

43 50.4 38.6 58.0

87 26.3 20.1 30.1

59 11.4 8.3 12.5

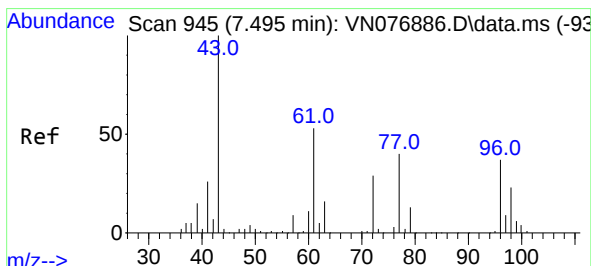
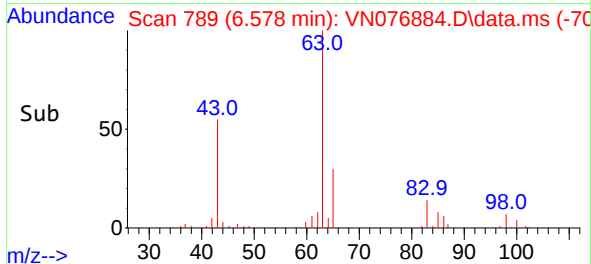
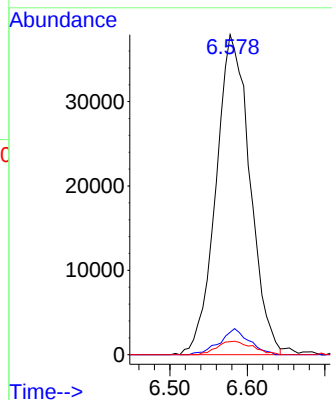
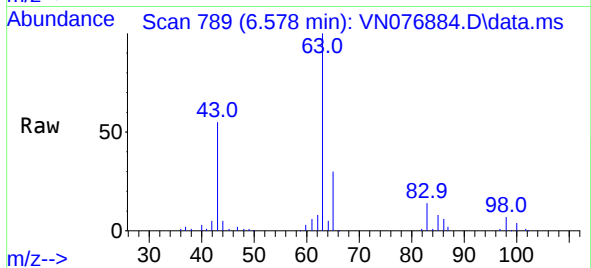




#21  
1,1-Dichloroethane  
Concen: 11.296 ug/l  
RT: 6.578 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

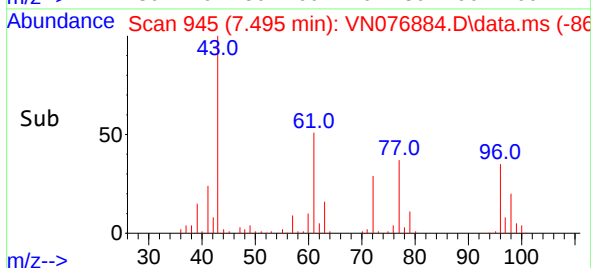
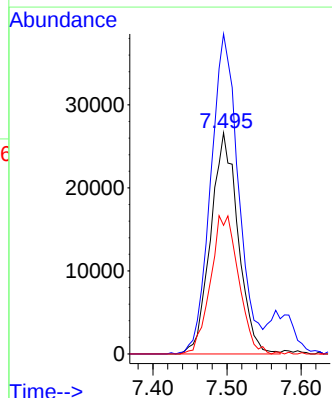
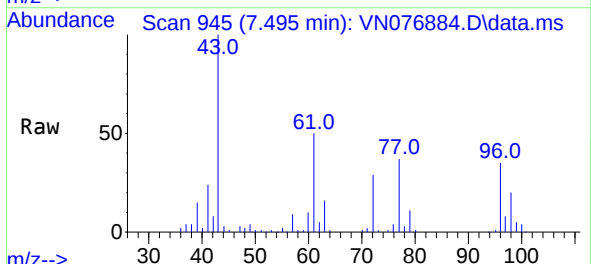
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

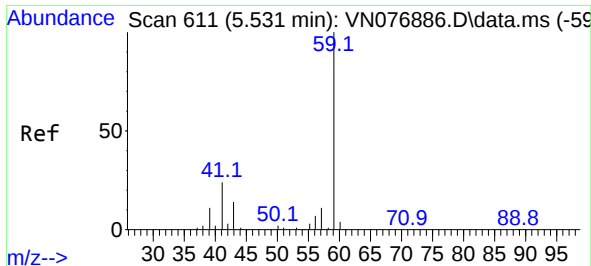
Tgt Ion: 63 Resp: 115488  
Ion Ratio Lower Upper  
63 100  
98 7.0 3.6 10.9  
100 4.1 2.6 7.8



#22  
cis-1,2-Dichloroethene  
Concen: 11.487 ug/l  
RT: 7.495 min Scan# 945  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 96 Resp: 68329  
Ion Ratio Lower Upper  
96 100  
61 147.0 121.0 181.4  
98 63.7 50.1 75.1

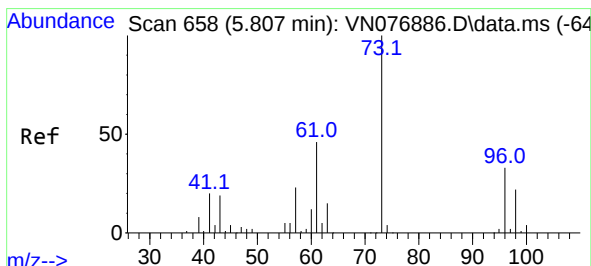
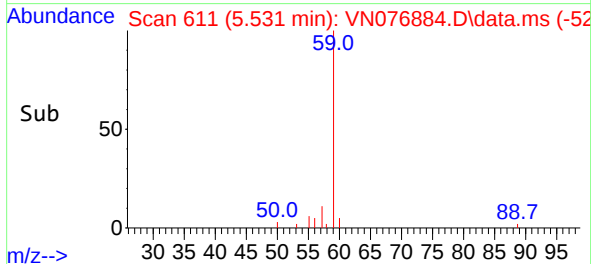
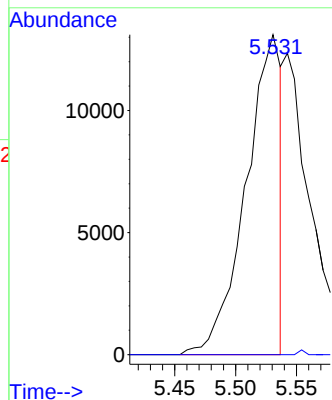
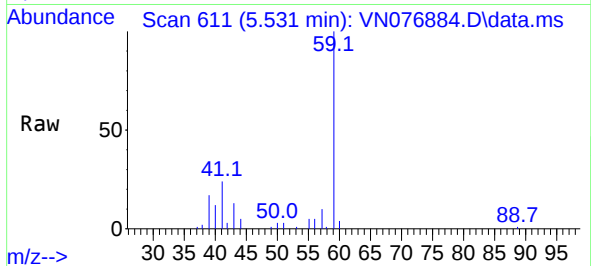




#23  
tert-Butyl Alcohol  
Concen: 31.978 ug/l  
RT: 5.531 min Scan# 611  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

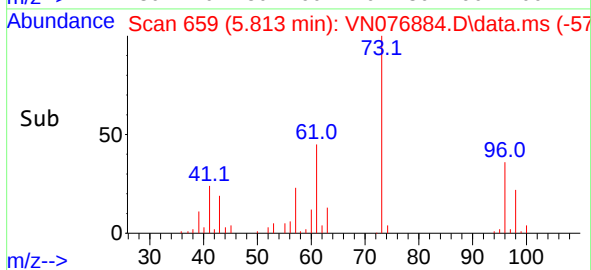
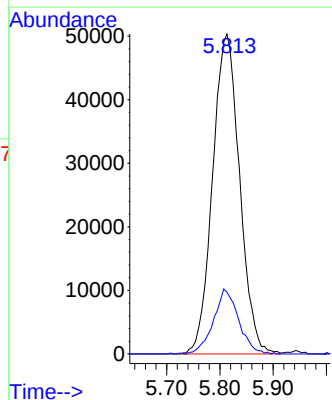
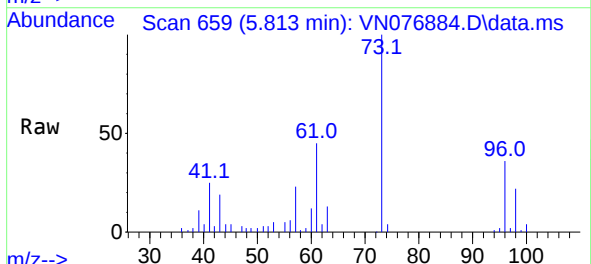
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

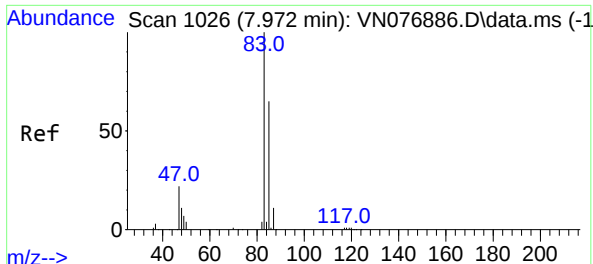
Tgt Ion: 59 Resp: 26360  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.2 0.2#



#24  
Methyl tert-Butyl Ether  
Concen: 10.965 ug/l  
RT: 5.813 min Scan# 659  
Delta R.T. 0.006 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 73 Resp: 177209  
Ion Ratio Lower Upper  
73 100  
43 18.9 17.8 26.6

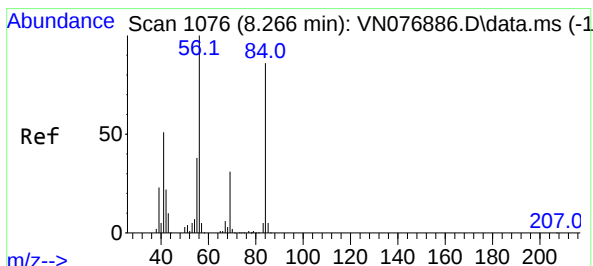
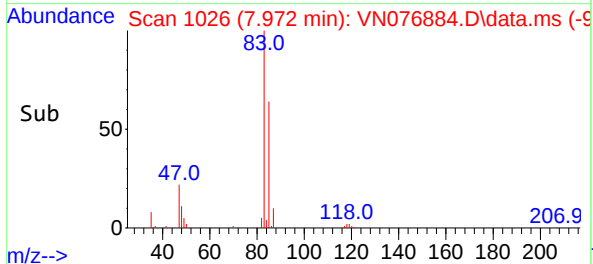
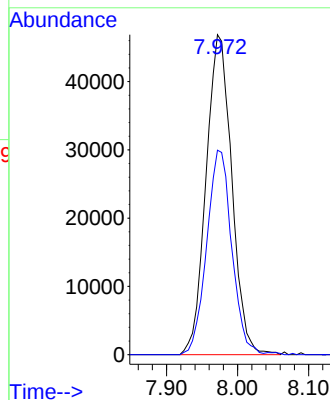
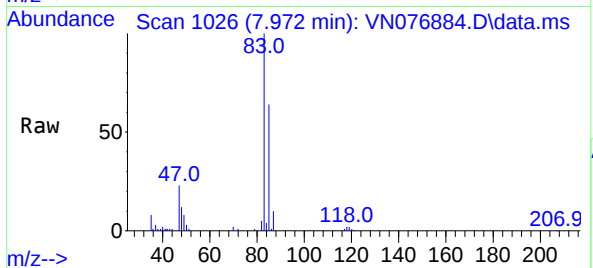




#25  
Chloroform  
Concen: 11.756 ug/l  
RT: 7.972 min Scan# 1026  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

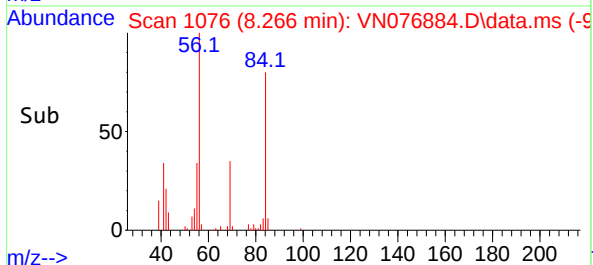
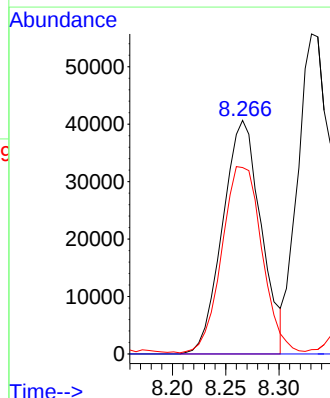
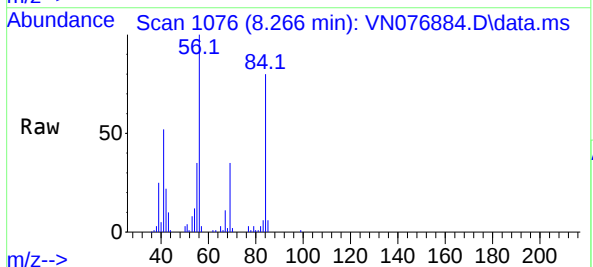
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

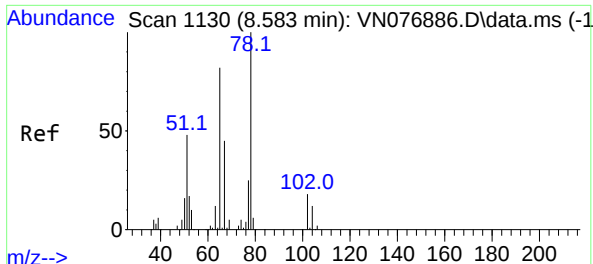
Tgt Ion: 83 Resp: 117888  
Ion Ratio Lower Upper  
83 100  
85 63.9 51.8 77.6



#26  
Cyclohexane  
Concen: 11.109 ug/l  
RT: 8.266 min Scan# 1076  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 56 Resp: 102258  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 84.2 65.3 97.9

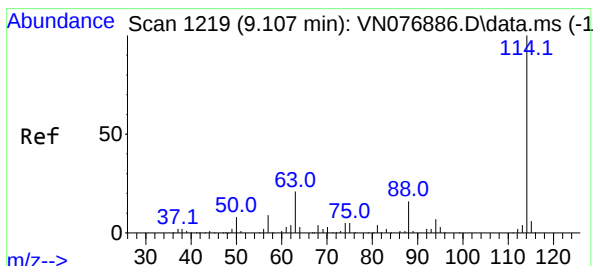
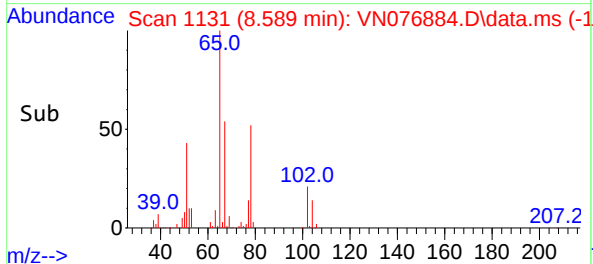
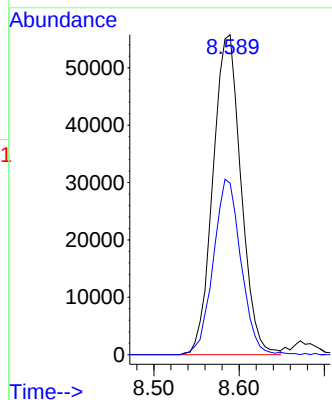
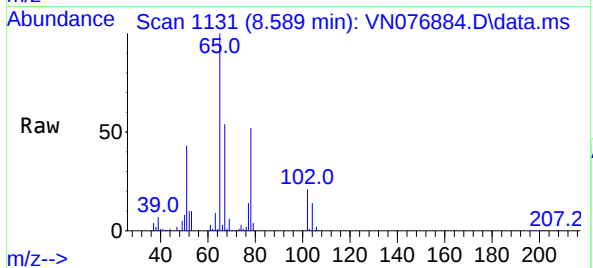




#27  
1,2-Dichloroethane-d4  
Concen: 29.789 ug/l  
RT: 8.589 min Scan# 1130  
Delta R.T. 0.006 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

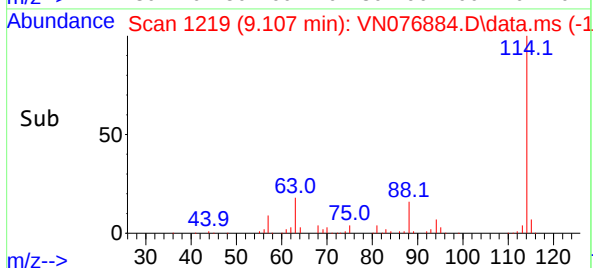
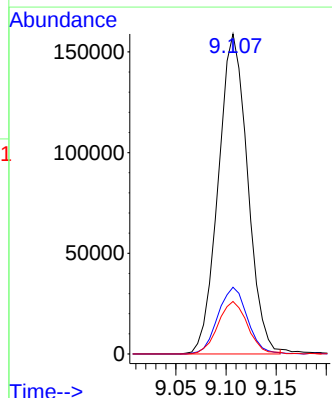
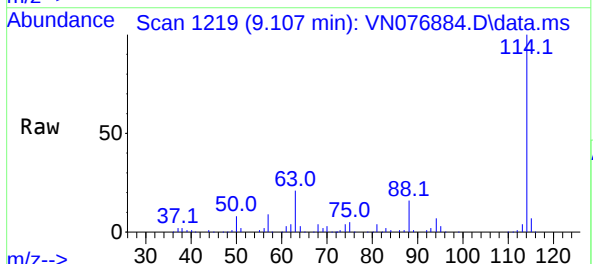
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

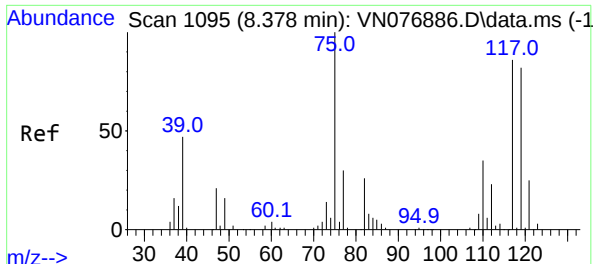
Tgt Ion: 65 Resp: 127657  
Ion Ratio Lower Upper  
65 100  
67 53.8 40.9 61.3



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 9.107 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 114 Resp: 322391  
Ion Ratio Lower Upper  
114 100  
63 21.0 17.0 25.4  
88 16.6 11.6 17.4

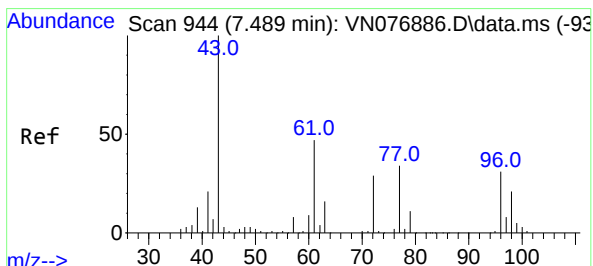
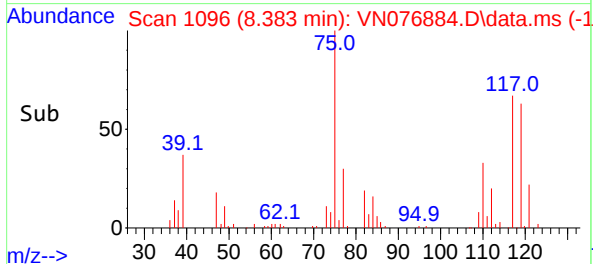
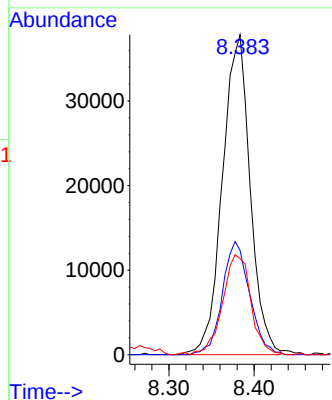
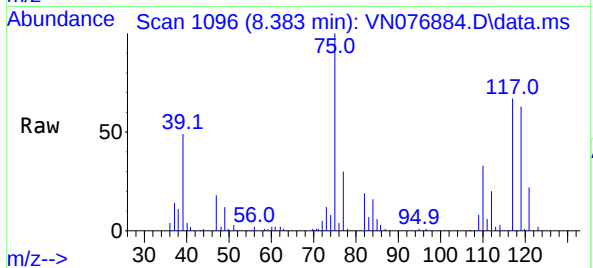




#29  
1,1-Dichloropropene  
Concen: 11.598 ug/l  
RT: 8.383 min Scan# 1096  
Delta R.T. 0.006 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

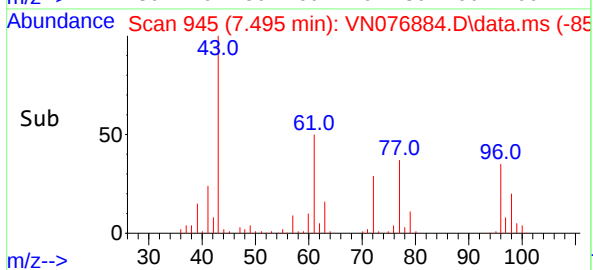
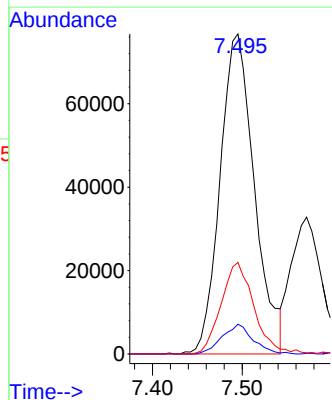
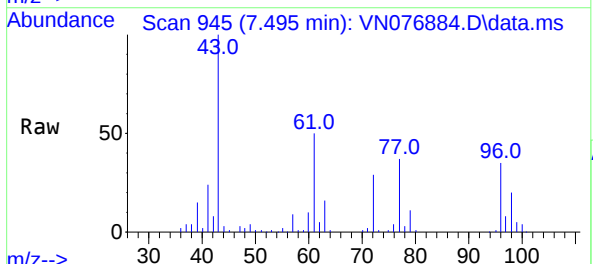
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

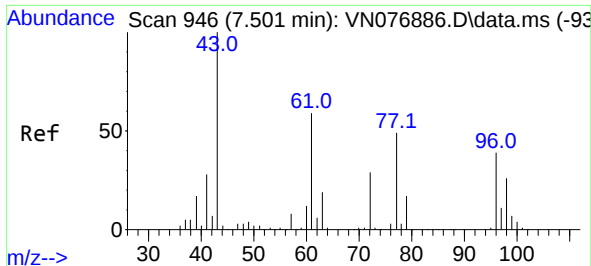
Tgt Ion: 75 Resp: 85396  
Ion Ratio Lower Upper  
75 100  
110 34.8 0.0 67.2  
77 31.8 0.0 64.4



#30  
2-Butanone  
Concen: 49.838 ug/l  
RT: 7.495 min Scan# 945  
Delta R.T. 0.006 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 43 Resp: 204001  
Ion Ratio Lower Upper  
43 100  
57 8.3 6.1 9.1  
72 27.1 20.2 30.4

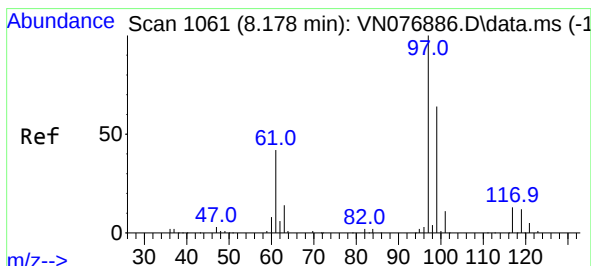
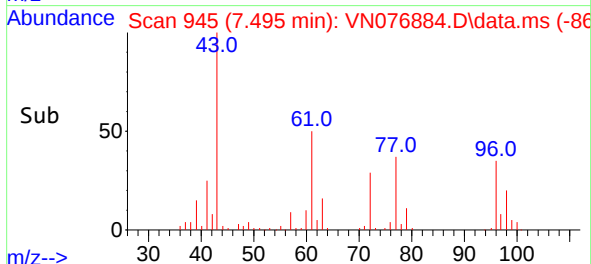
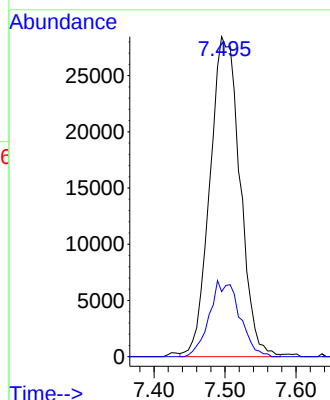
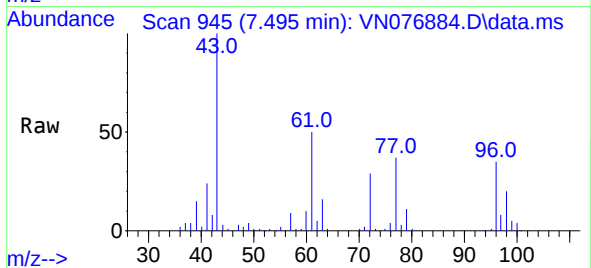




#31  
2,2-Dichloropropane  
Concen: 10.899 ug/l  
RT: 7.495 min Scan# 946  
Delta R.T. -0.006 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

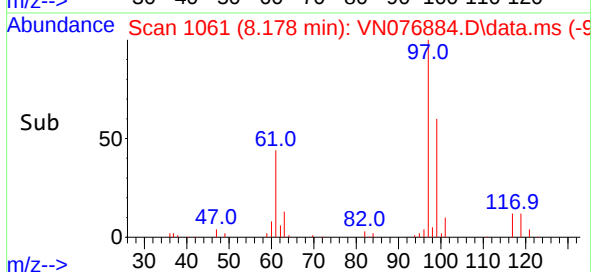
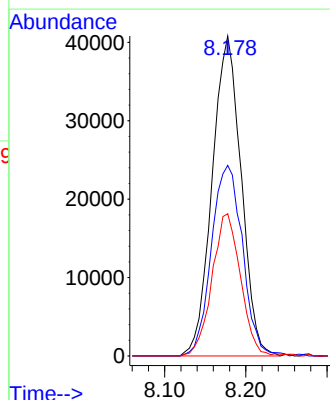
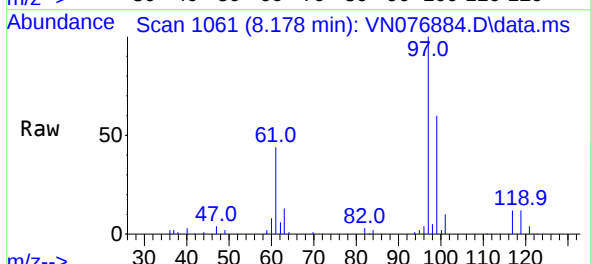
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

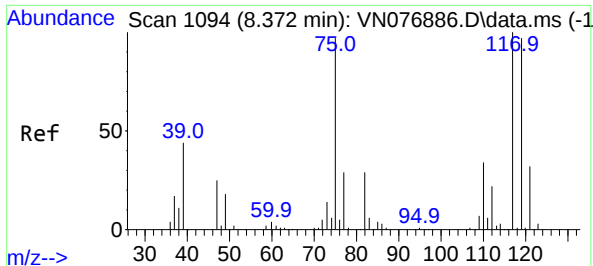
Tgt Ion: 77 Resp: 83578  
Ion Ratio Lower Upper  
77 100  
97 11.1 7.2 10.8#



#32  
1,1,1-Trichloroethane  
Concen: 11.791 ug/l  
RT: 8.178 min Scan# 1061  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 97 Resp: 101251  
Ion Ratio Lower Upper  
97 100  
99 63.5 51.8 77.8  
61 43.5 39.3 58.9



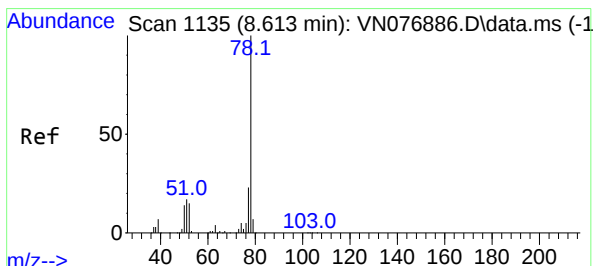
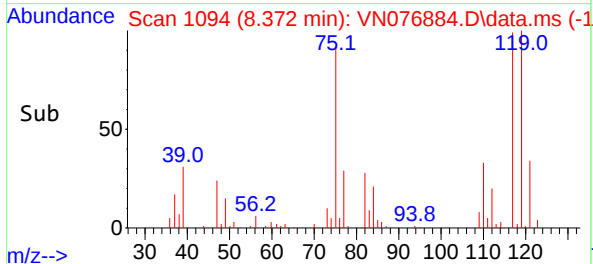
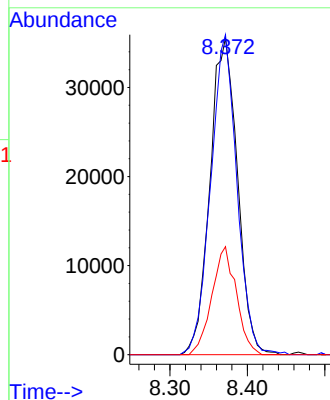
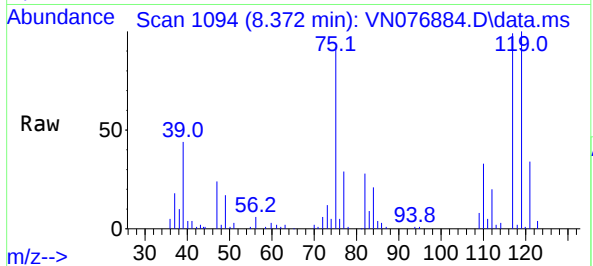


#33  
Carbon Tetrachloride  
Concen: 11.752 ug/l  
RT: 8.372 min Scan# 1109  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion:117 Resp: 87710

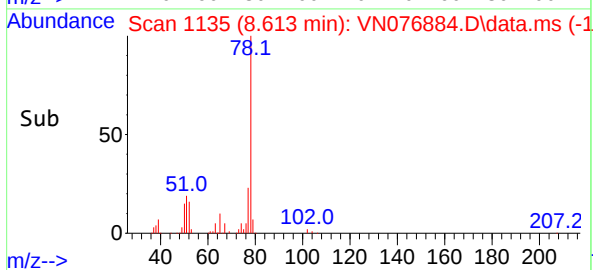
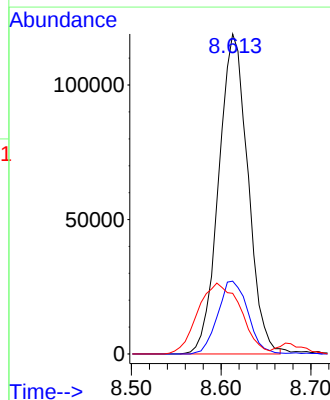
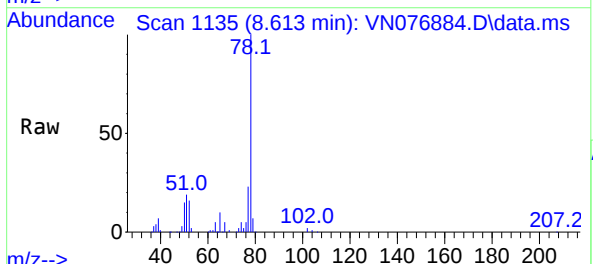
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 101.0 | 79.8  | 119.8 |
| 121 | 34.1  | 23.4  | 35.0  |

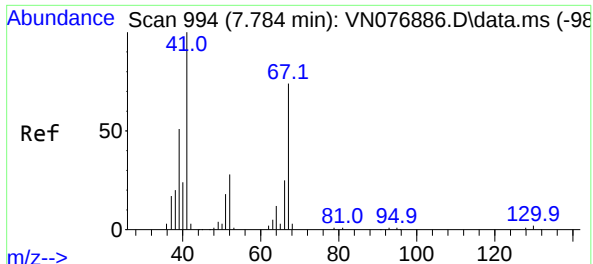


#34  
Benzene  
Concen: 11.462 ug/l  
RT: 8.613 min Scan# 1135  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 78 Resp: 268449

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 22.8  | 17.4  | 26.2  |
| 51  | 16.9  | 13.8  | 20.6  |



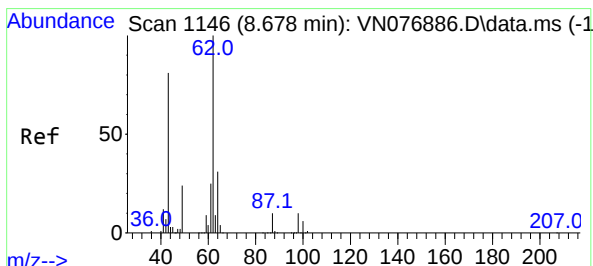
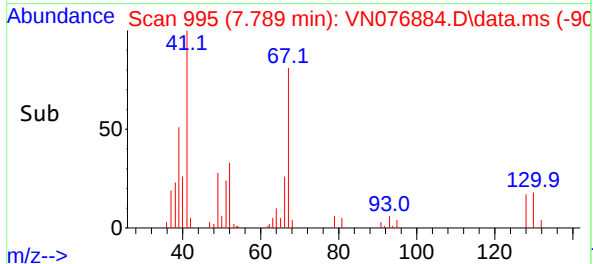
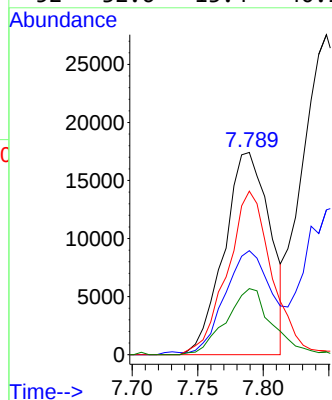
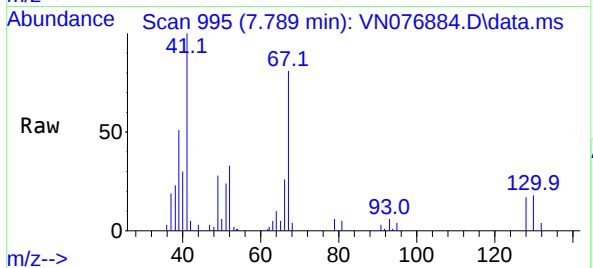


#35  
Methacrylonitrile  
Concen: 9.360 ug/l  
RT: 7.789 min Scan# 994  
Delta R.T. 0.006 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion: 41 Resp: 42523

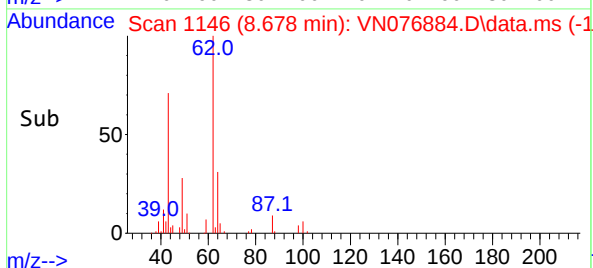
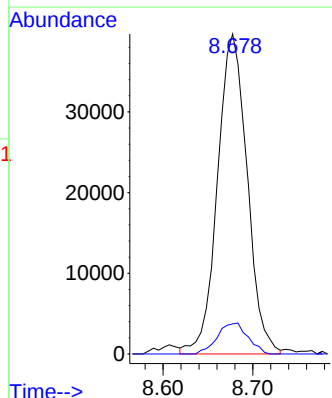
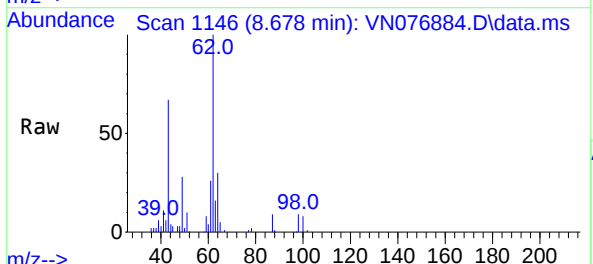
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 50.4  | 26.6  | 79.7  |
| 67  | 80.8  | 32.3  | 96.9  |
| 52  | 32.6  | 13.4  | 40.1  |

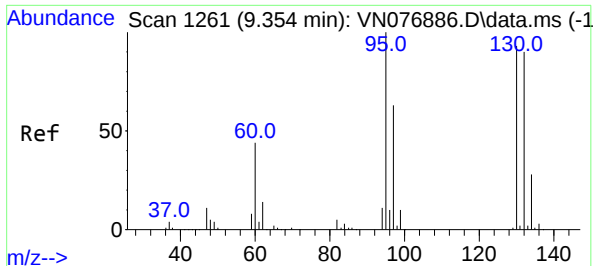


#36  
1,2-Dichloroethane  
Concen: 11.615 ug/l  
RT: 8.678 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 62 Resp: 91099

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.9   | 7.4   | 11.0  |

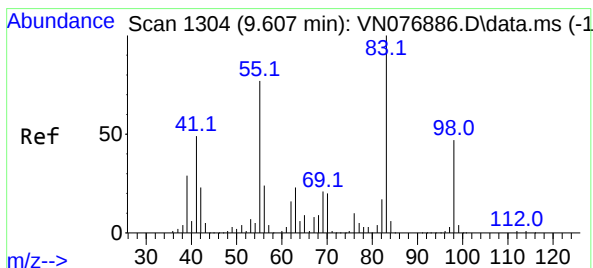
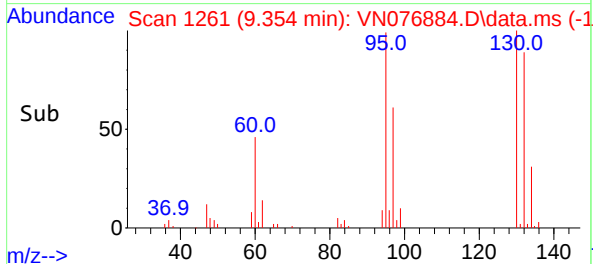
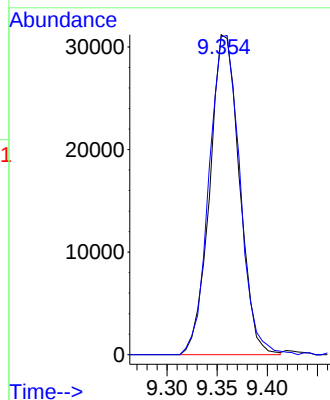
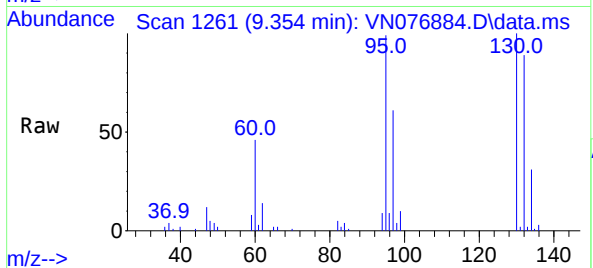




#37  
Trichloroethene  
Concen: 11.629 ug/l  
RT: 9.354 min Scan# 1261  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

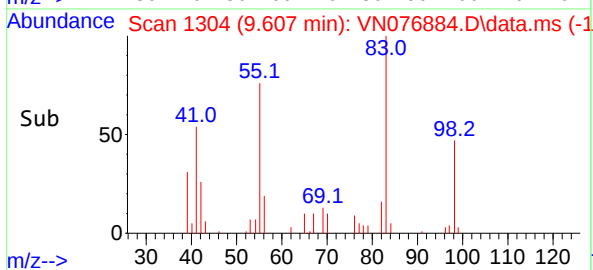
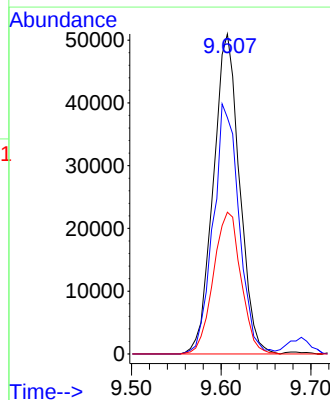
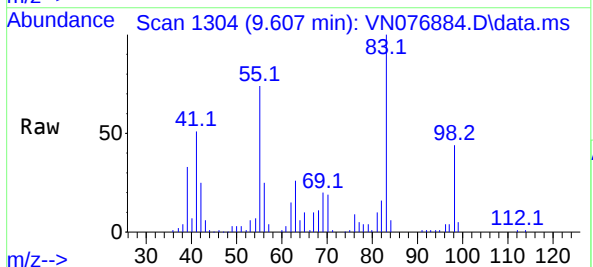
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

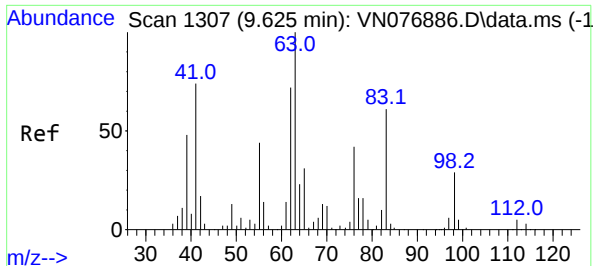
Tgt Ion:130 Resp: 63990  
Ion Ratio Lower Upper  
130 100  
95 99.3 78.7 118.1



#38  
Methylcyclohexane  
Concen: 11.081 ug/l  
RT: 9.607 min Scan# 1304  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 83 Resp: 103464  
Ion Ratio Lower Upper  
83 100  
55 76.9 37.6 112.9  
98 46.6 24.1 72.4

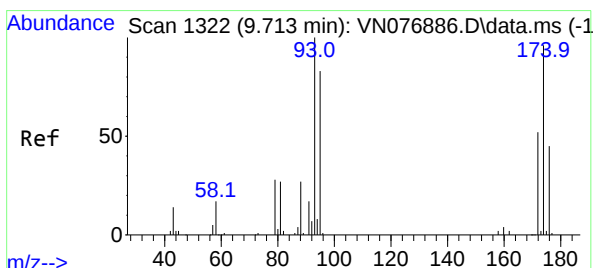
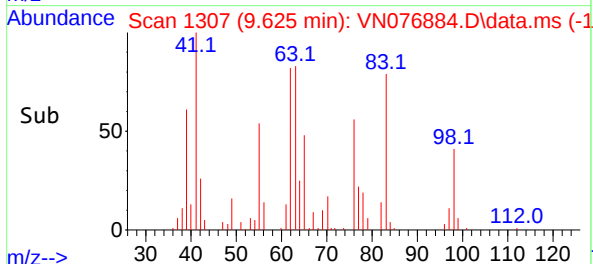
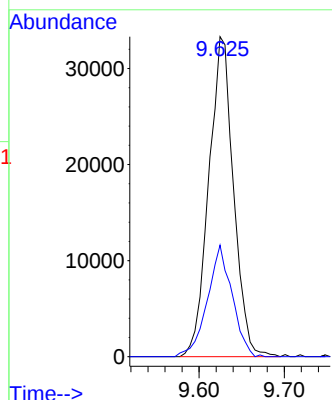
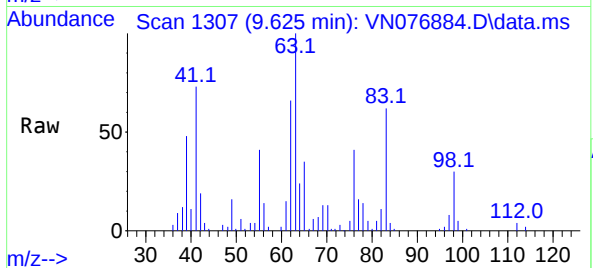




#39  
1,2-Dichloropropane  
Concen: 11.098 ug/l  
RT: 9.625 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

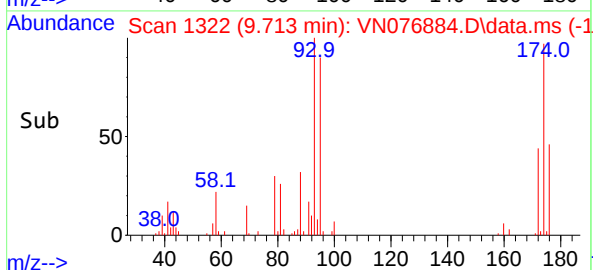
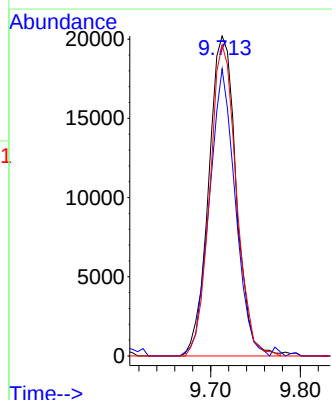
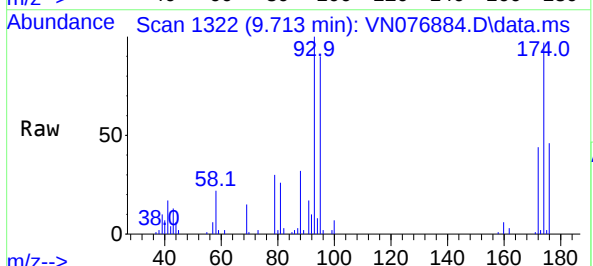
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

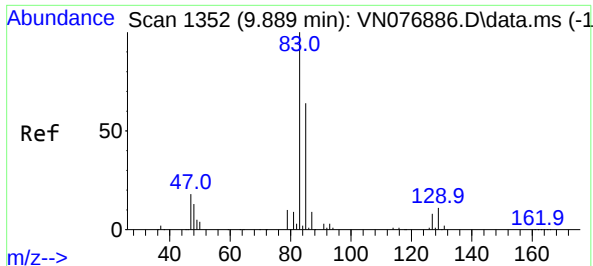
Tgt Ion: 63 Resp: 67335  
Ion Ratio Lower Upper  
63 100  
65 34.9 27.2 40.8



#40  
Dibromomethane  
Concen: 11.122 ug/l  
RT: 9.713 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 93 Resp: 42995  
Ion Ratio Lower Upper  
93 100  
95 84.3 0.0 158.0  
174 93.7 0.0 171.2

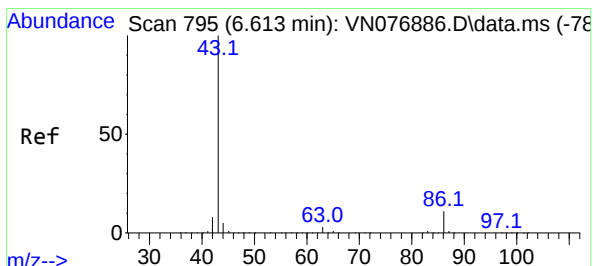
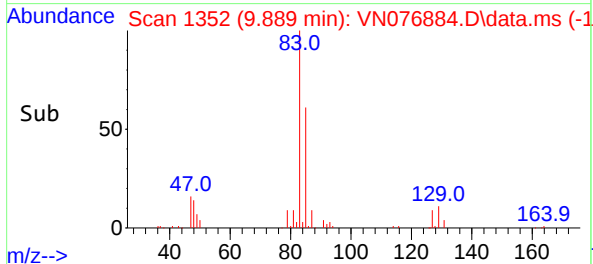
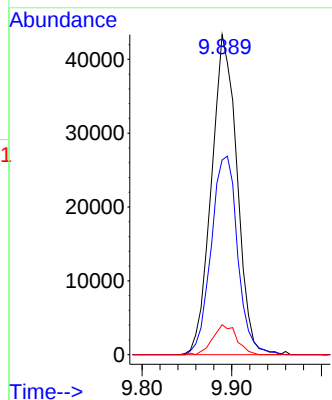
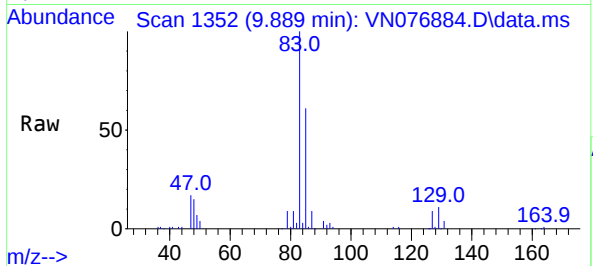




#41  
Bromodichloromethane  
Concen: 11.018 ug/l  
RT: 9.889 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

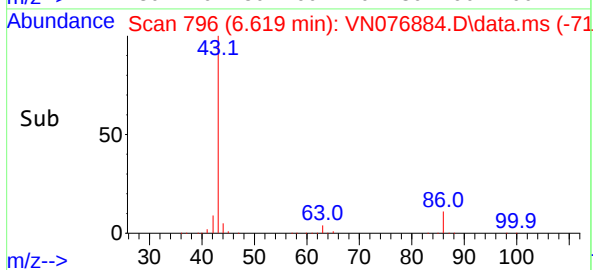
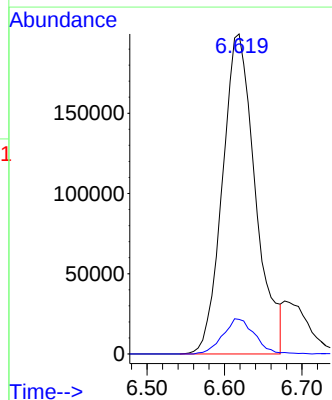
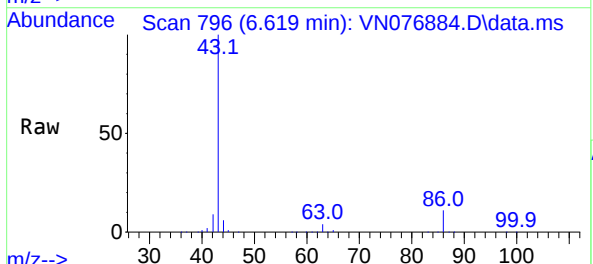
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

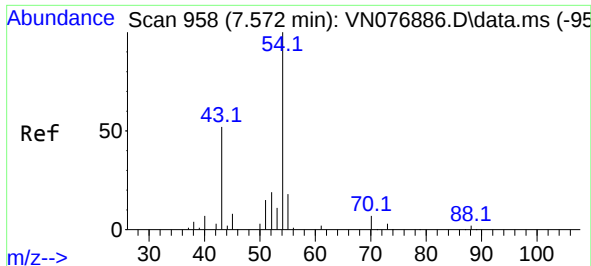
Tgt Ion: 83 Resp: 85721  
Ion Ratio Lower Upper  
83 100  
85 60.9 51.0 76.4  
127 9.4 6.2 9.2#



#42  
Vinyl Acetate  
Concen: 48.788 ug/l  
RT: 6.619 min Scan# 796  
Delta R.T. 0.006 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 43 Resp: 590386  
Ion Ratio Lower Upper  
43 100  
86 10.4 7.8 11.6

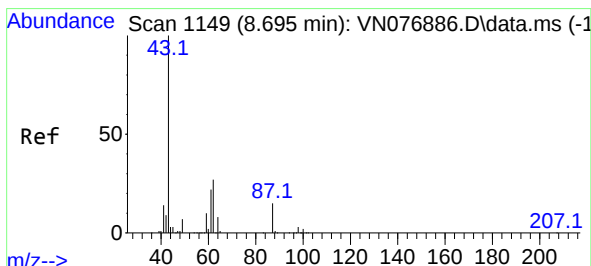
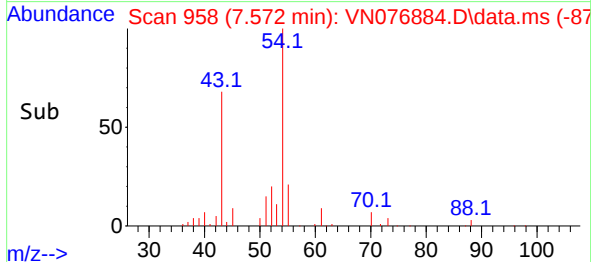
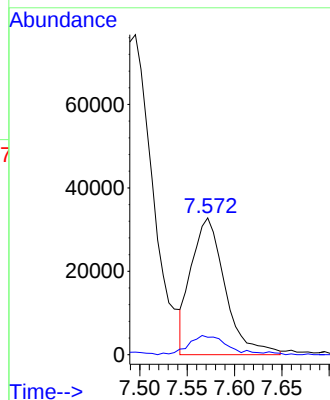
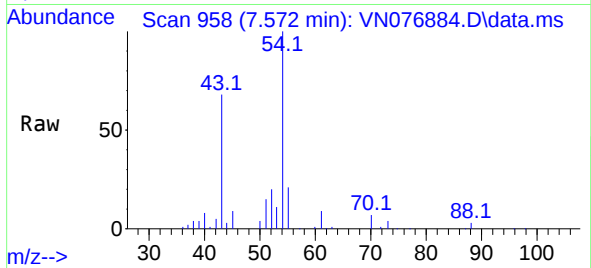




#43  
Ethyl Acetate  
Concen: 10.328 ug/l  
RT: 7.572 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

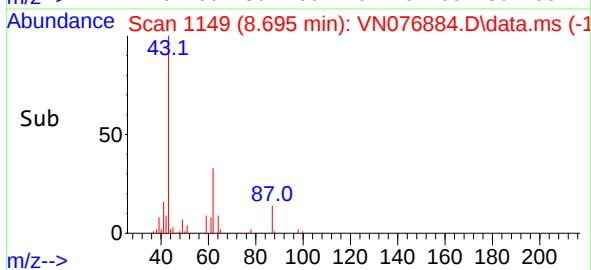
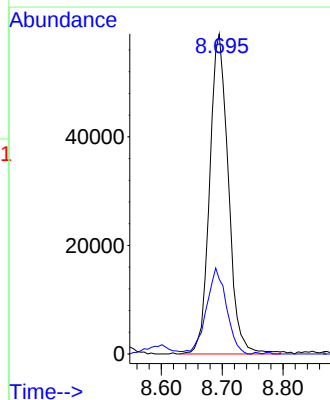
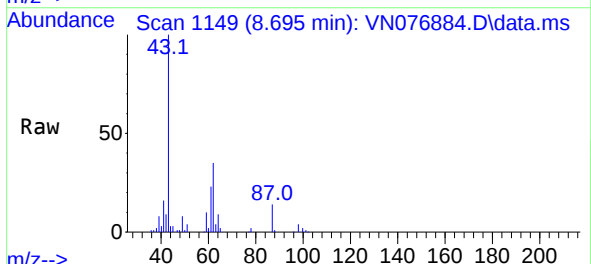
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

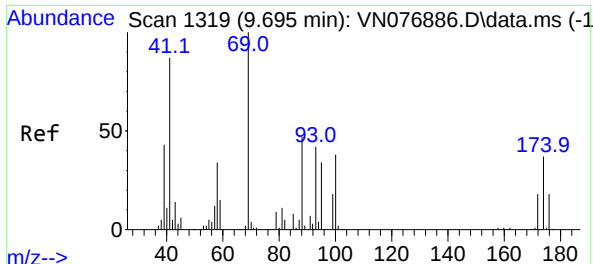
Tgt Ion: 43 Resp: 81493  
Ion Ratio Lower Upper  
43 100  
45 14.4 11.2 16.8



#44  
Isopropyl Acetate  
Concen: 9.623 ug/l  
RT: 8.695 min Scan# 1149  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 43 Resp: 125690  
Ion Ratio Lower Upper  
43 100  
61 28.6 19.5 29.3

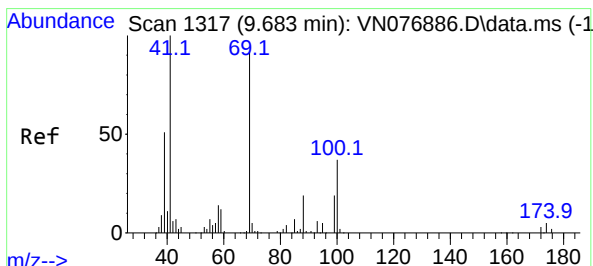
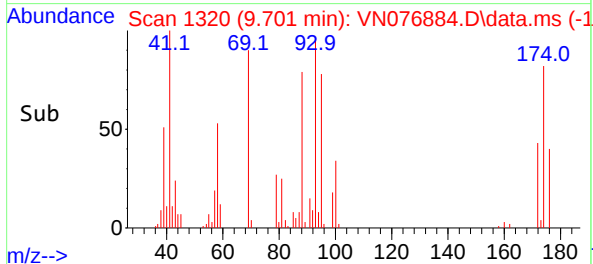
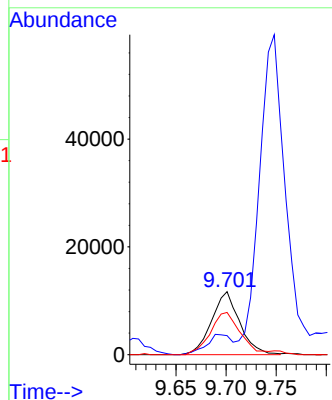
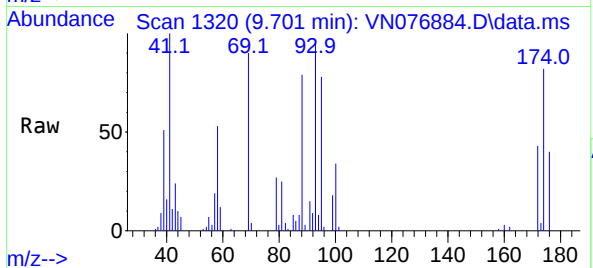




#45  
1,4-Dioxane  
Concen: 207.911 ug/l  
RT: 9.701 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

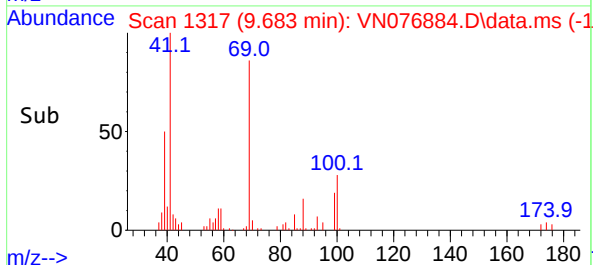
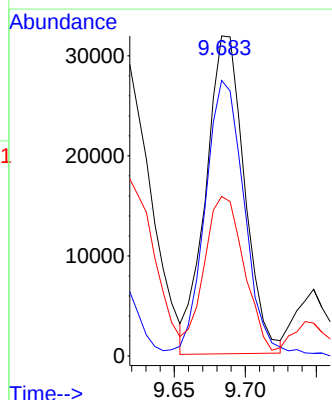
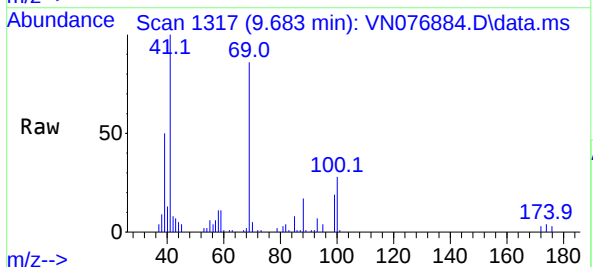
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

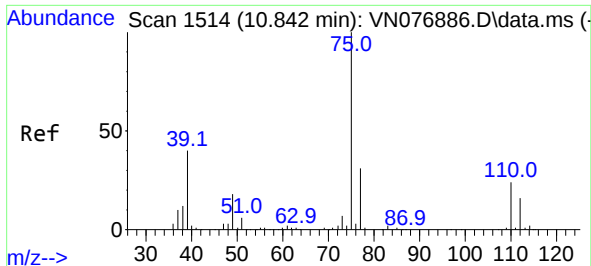
Tgt Ion: 88 Resp: 22813  
Ion Ratio Lower Upper  
88 100  
43 28.6 26.0 39.0  
58 69.8 54.3 81.5



#46  
Methyl methacrylate  
Concen: 9.979 ug/l  
RT: 9.683 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 41 Resp: 60090  
Ion Ratio Lower Upper  
41 100  
69 87.6 40.6 121.7  
39 49.7 30.5 91.5

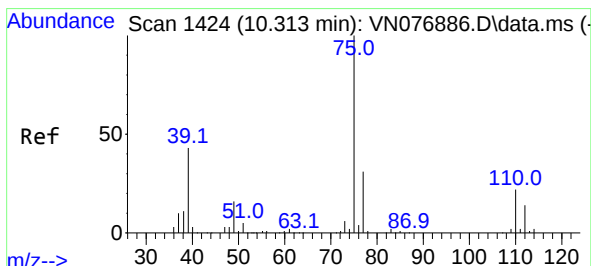
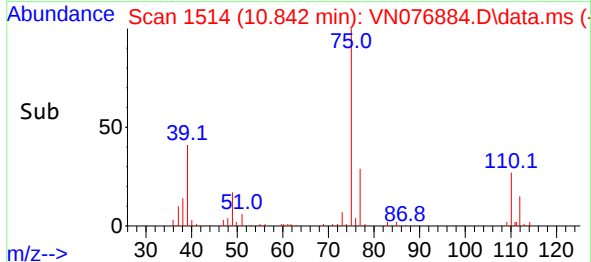
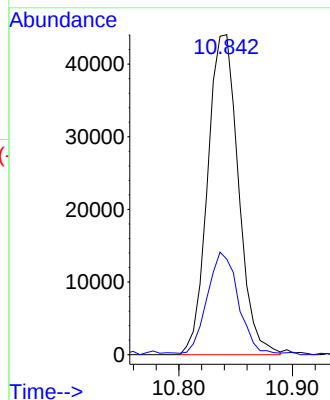
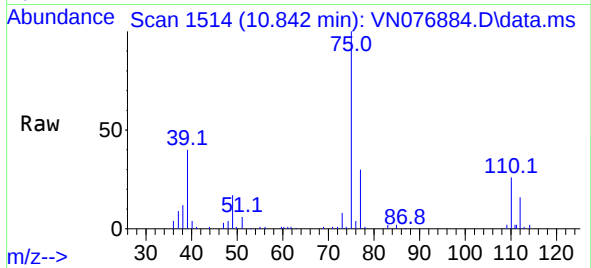




#48  
t-1,3-Dichloropropene  
Concen: 10.569 ug/l  
RT: 10.842 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

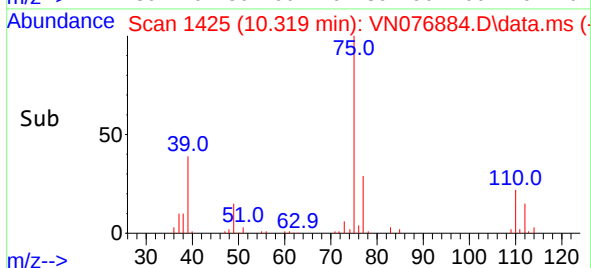
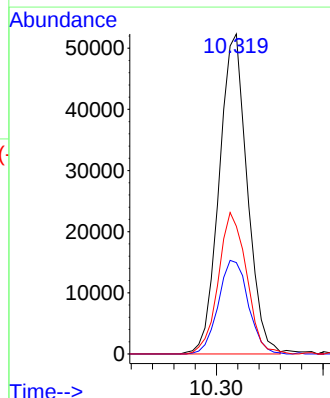
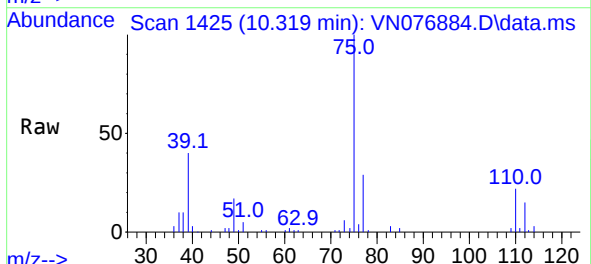
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

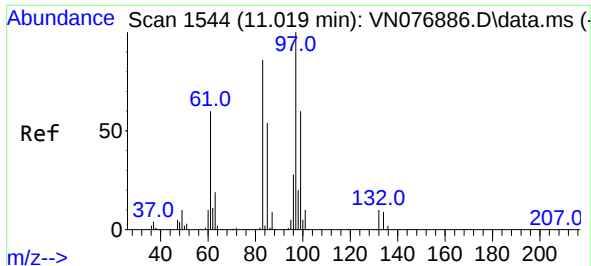
Tgt Ion: 75 Resp: 82992  
Ion Ratio Lower Upper  
75 100  
77 29.4 25.4 38.2



#49  
cis-1,3-Dichloropropene  
Concen: 10.623 ug/l  
RT: 10.319 min Scan# 1425  
Delta R.T. 0.006 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 75 Resp: 95700  
Ion Ratio Lower Upper  
75 100  
77 28.5 27.5 41.3  
39 39.9 43.5 65.3#



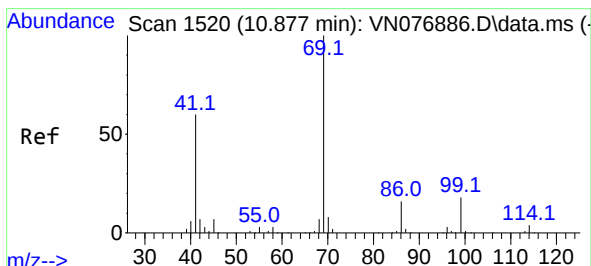
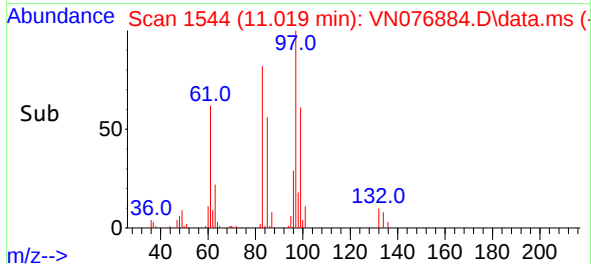
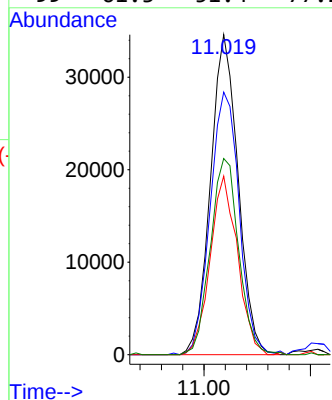
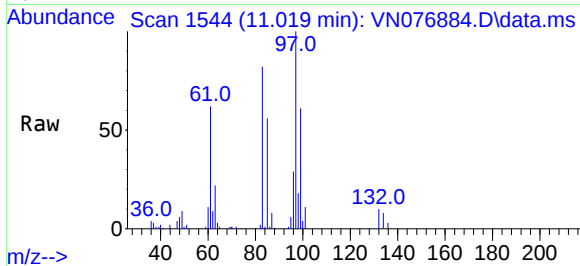


#50  
1,1,2-Trichloroethane  
Concen: 11.081 ug/l  
RT: 11.019 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Tgt Ion: 97 Resp: 62311

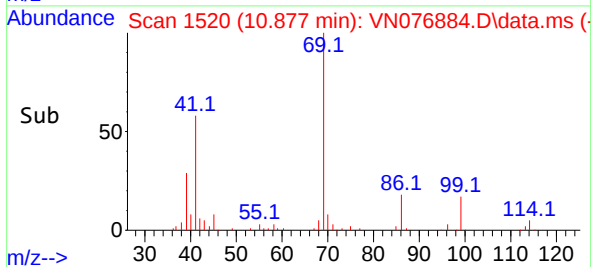
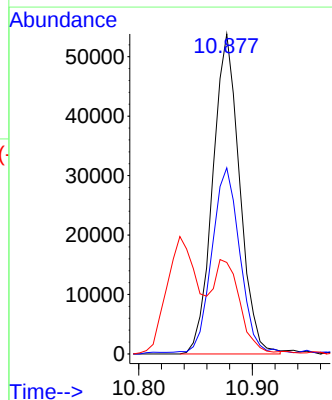
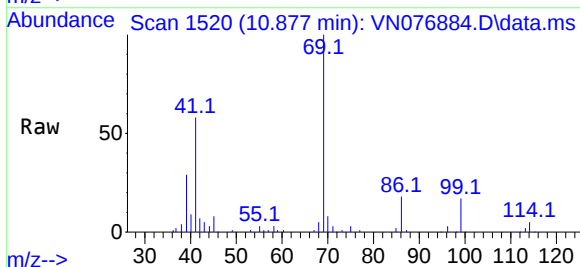
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.0  | 71.0  | 106.4 |
| 85  | 55.8  | 45.5  | 68.3  |
| 99  | 61.3  | 51.4  | 77.2  |

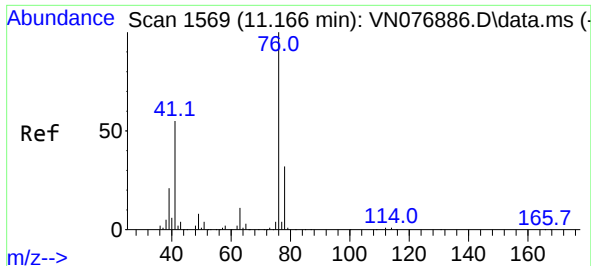


#51  
Ethyl methacrylate  
Concen: 10.838 ug/l  
RT: 10.877 min Scan# 1520  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 69 Resp: 88596

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 57.4  | 36.3  | 108.7 |
| 39  | 27.8  | 19.9  | 59.7  |

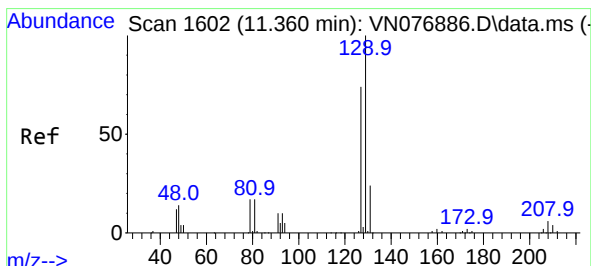
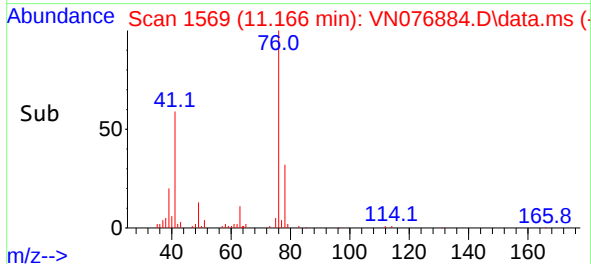
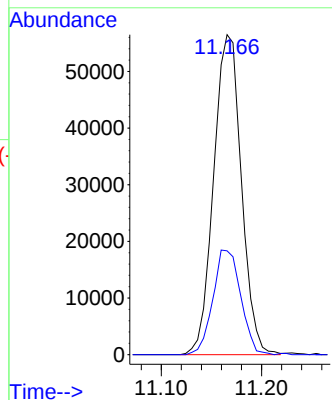
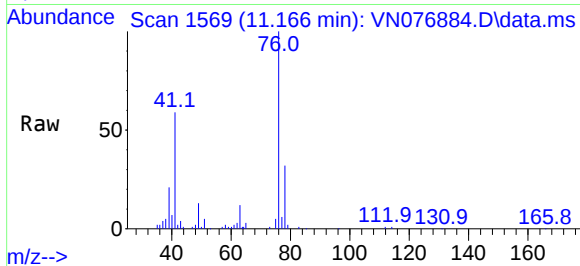




#52  
1,3-Dichloropropane  
Concen: 11.193 ug/l  
RT: 11.166 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

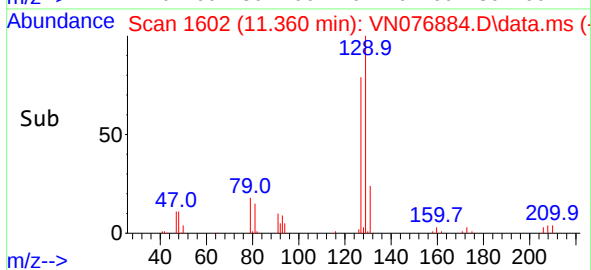
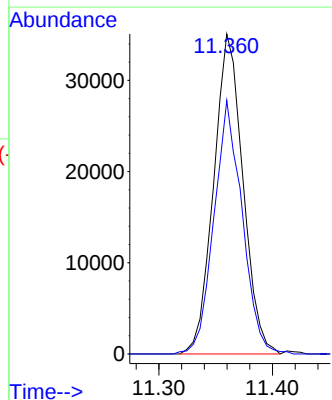
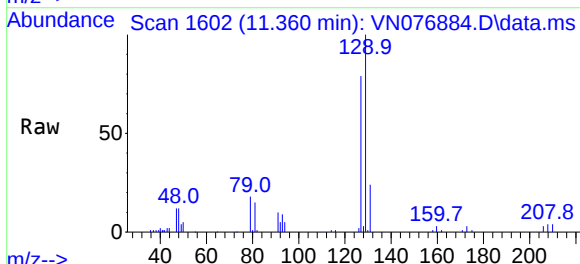
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

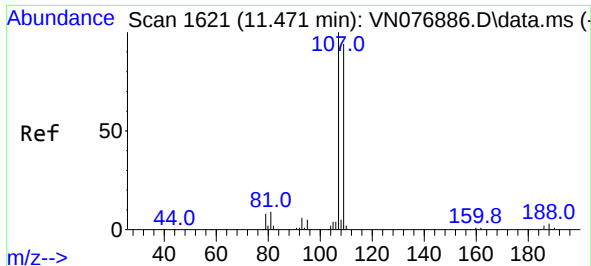
Tgt Ion: 76 Resp: 108243  
Ion Ratio Lower Upper  
76 100  
78 32.8 0.0 65.4



#53  
Dibromochloromethane  
Concen: 10.967 ug/l  
RT: 11.360 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 129 Resp: 62833  
Ion Ratio Lower Upper  
129 100  
127 76.3 39.4 118.1

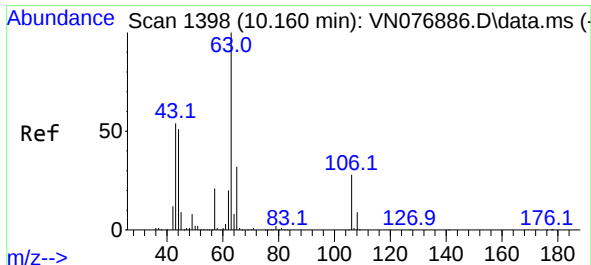
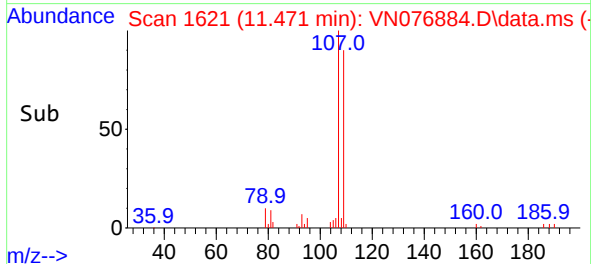
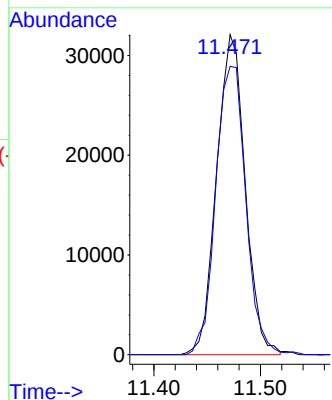
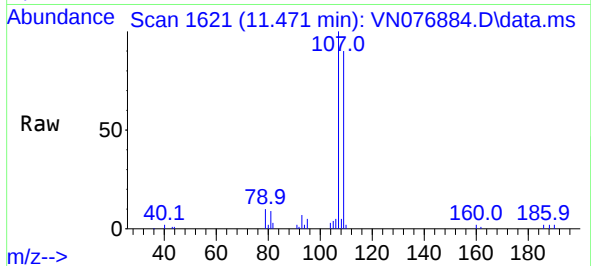




#54  
1,2-Dibromoethane  
Concen: 11.001 ug/l  
RT: 11.471 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

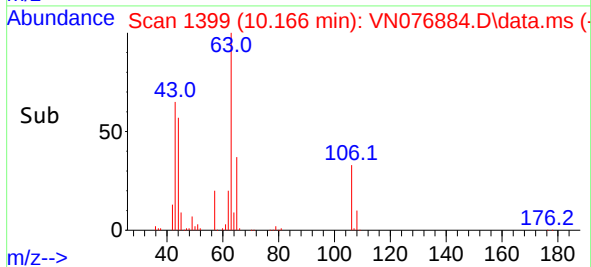
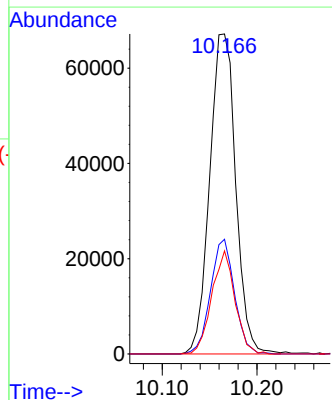
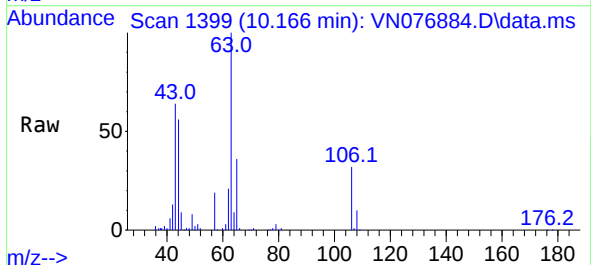
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

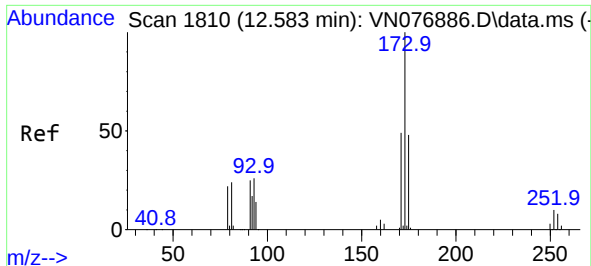
Tgt Ion:107 Resp: 59861  
Ion Ratio Lower Upper  
107 100  
109 94.8 74.6 112.0



#55  
2-Chloroethyl vinyl ether  
Concen: 36.703 ug/l  
RT: 10.166 min Scan# 1399  
Delta R.T. 0.006 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 63 Resp: 128069  
Ion Ratio Lower Upper  
63 100  
65 32.9 26.3 39.5  
106 28.8 21.6 32.4

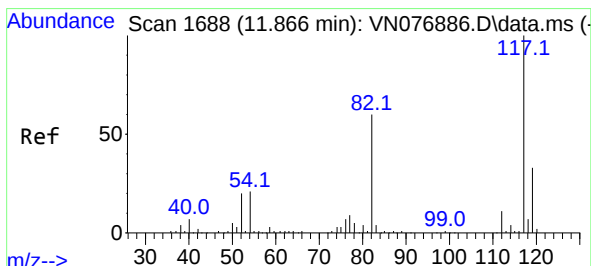
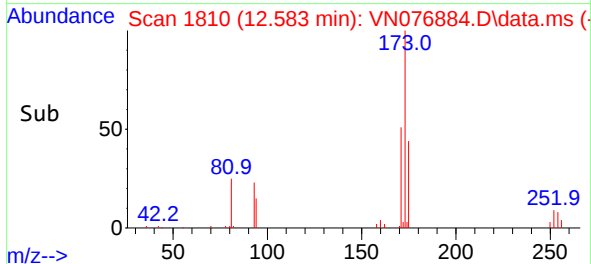
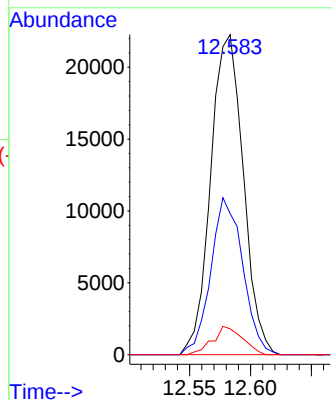
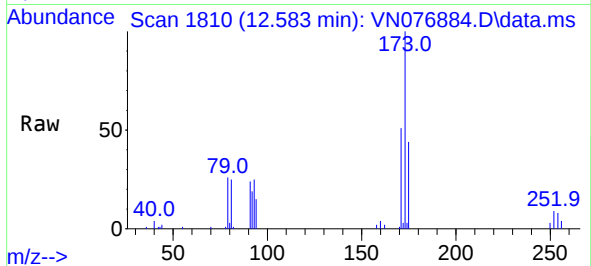




#56  
Bromoform  
Concen: 10.607 ug/l  
RT: 12.583 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

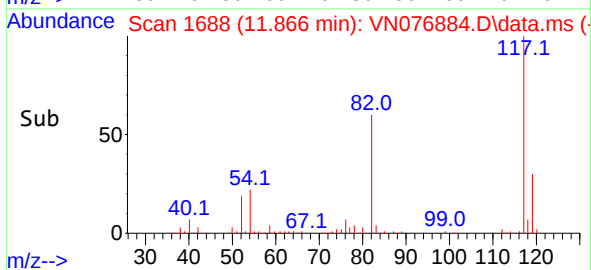
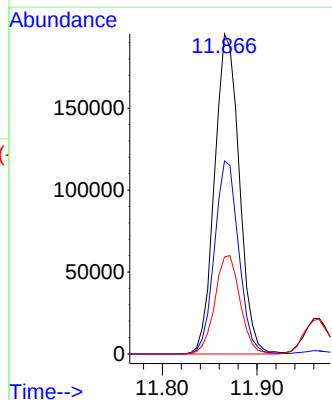
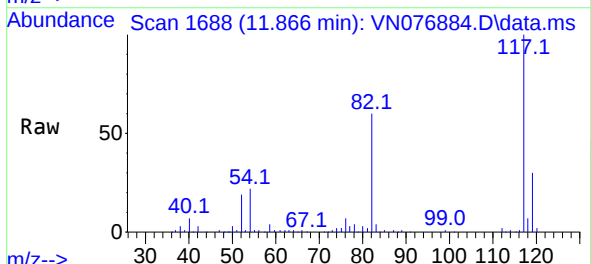
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

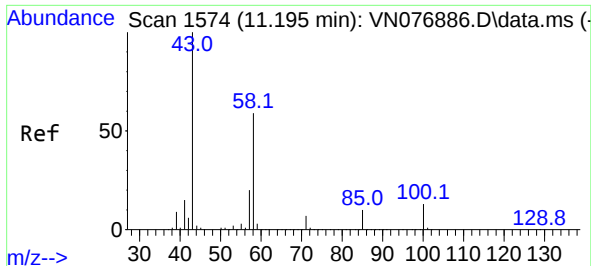
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 41501 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.1  | 37.8  | 56.6  |
| 254       | 8.1   | 7.3   | 10.9  |



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.866 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 354659 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 59.0  | 45.4  | 68.0   |
| 119       | 31.4  | 26.8  | 40.2   |

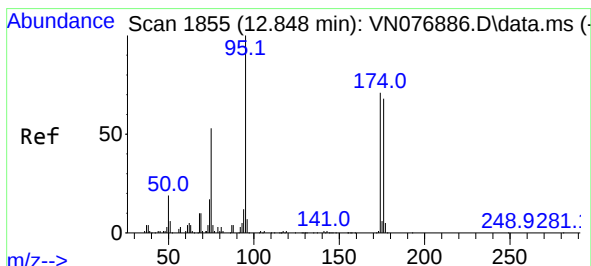
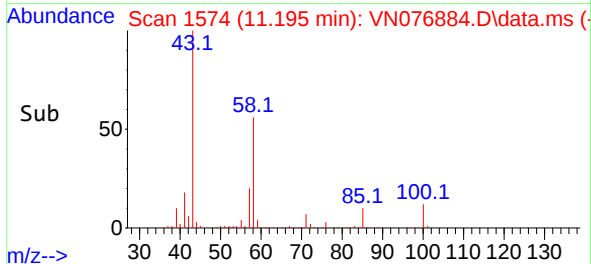
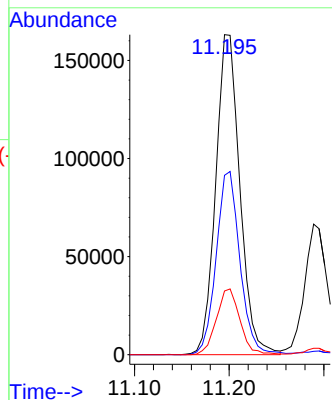
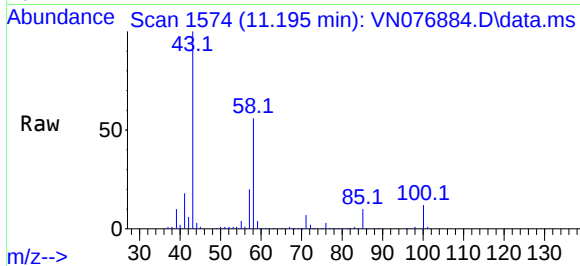




#59  
2-Hexanone  
Concen: 48.106 ug/l  
RT: 11.195 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

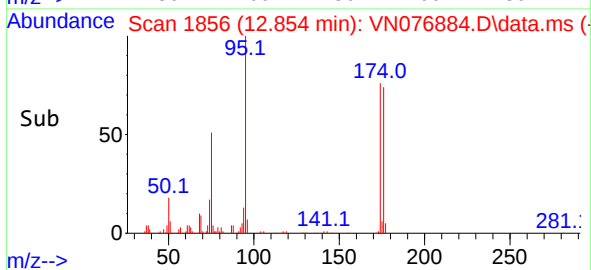
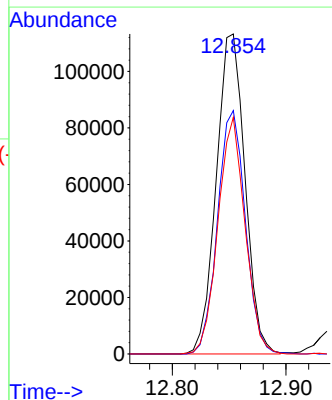
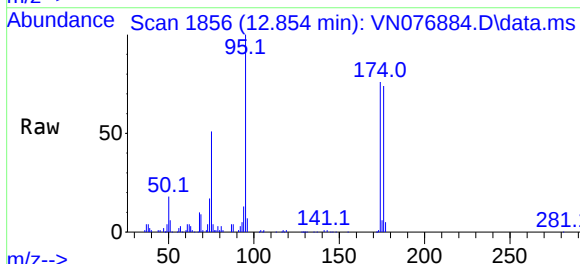
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

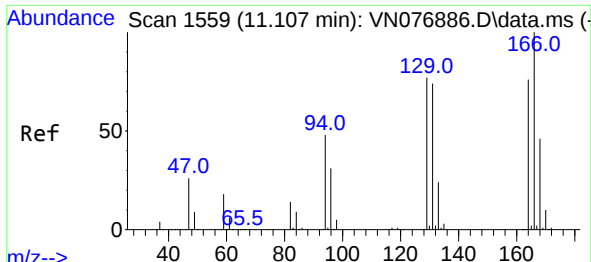
Tgt Ion: 43 Resp: 289720  
Ion Ratio Lower Upper  
43 100  
58 56.3 40.6 60.8  
57 20.0 13.1 19.7#



#60  
4-Bromofluorobenzene  
Concen: 31.399 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. 0.006 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 95 Resp: 198837  
Ion Ratio Lower Upper  
95 100  
174 73.8 64.2 96.4  
176 69.7 61.4 92.0

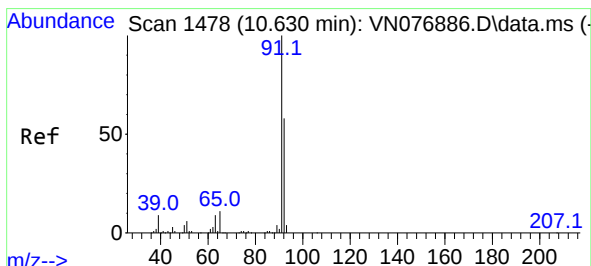
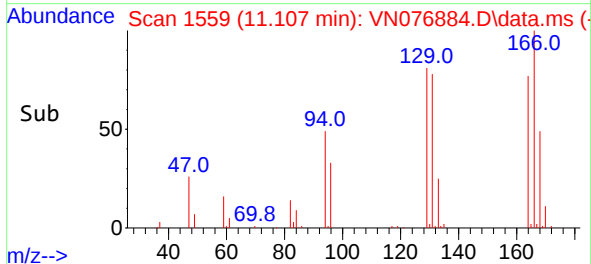
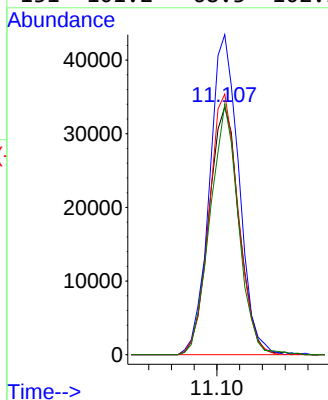
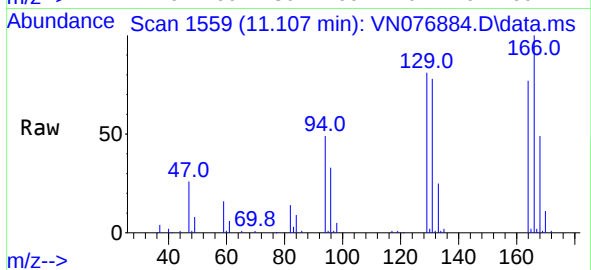




#61  
Tetrachloroethene  
Concen: 13.205 ug/l  
RT: 11.107 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

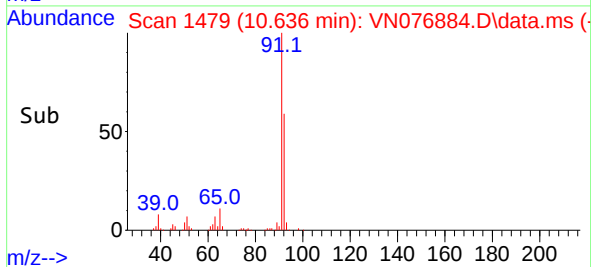
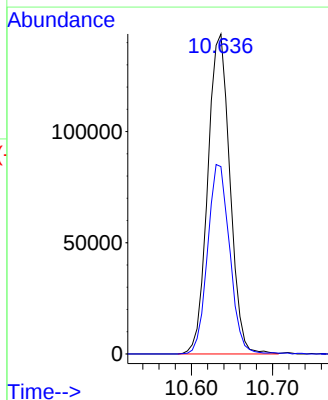
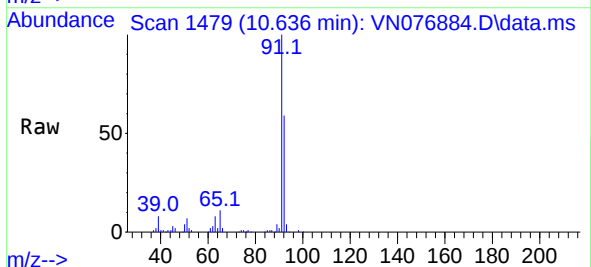
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

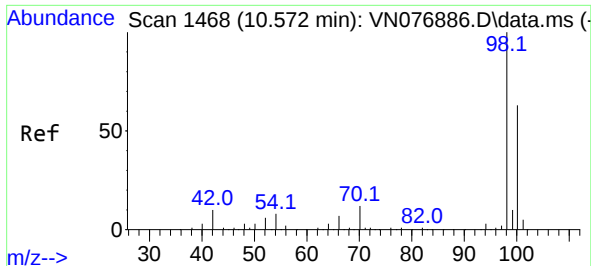
Tgt Ion:164 Resp: 62053  
Ion Ratio Lower Upper  
164 100  
166 129.2 96.2 144.2  
129 105.3 78.2 117.4  
131 101.2 68.3 102.5



#62  
Toluene  
Concen: 11.033 ug/l  
RT: 10.636 min Scan# 1479  
Delta R.T. 0.006 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 91 Resp: 272541  
Ion Ratio Lower Upper  
91 100  
92 58.9 46.3 69.5

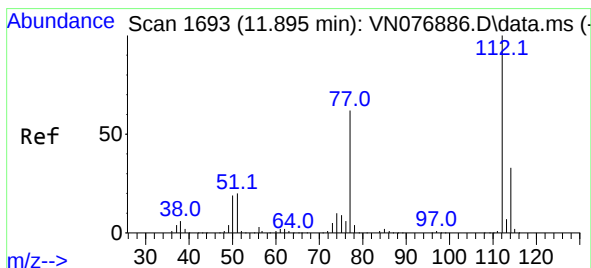
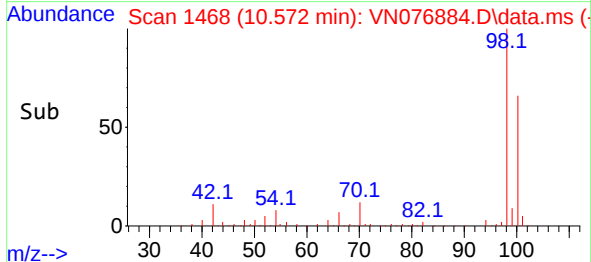
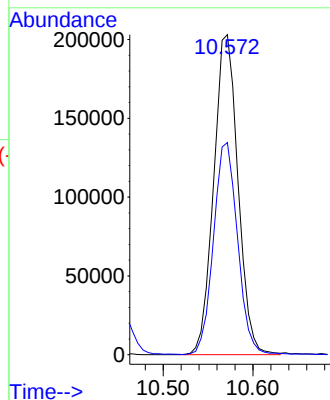
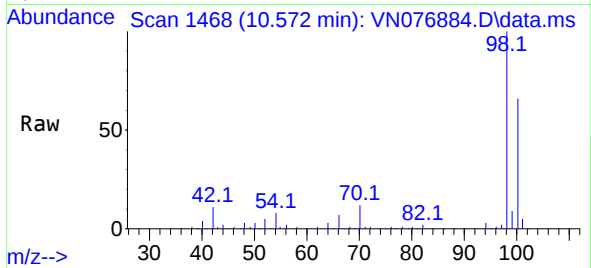




#63  
Toluene-d8  
Concen: 30.787 ug/l  
RT: 10.572 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

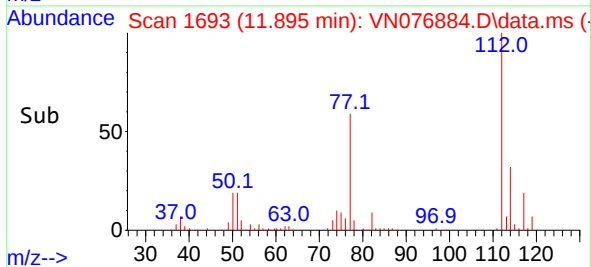
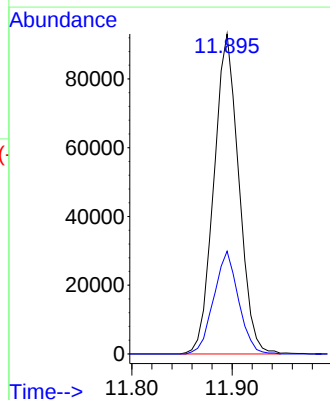
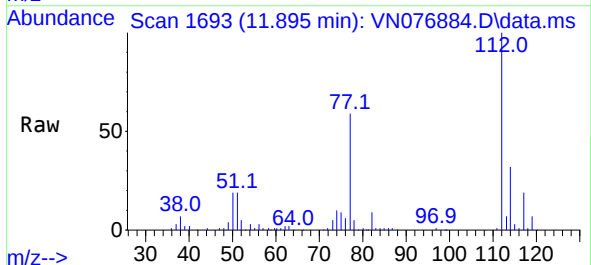
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

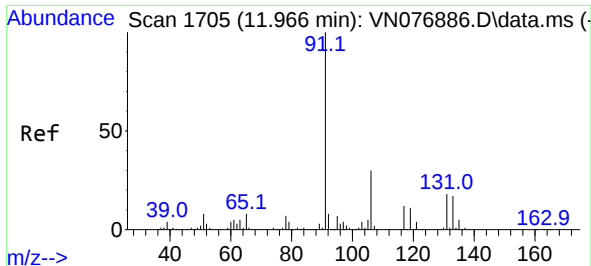
Tgt Ion: 98 Resp: 382610  
Ion Ratio Lower Upper  
98 100  
100 65.3 53.8 80.6



#64  
Chlorobenzene  
Concen: 11.045 ug/l  
RT: 11.895 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 112 Resp: 160868  
Ion Ratio Lower Upper  
112 100  
114 32.1 24.5 36.7

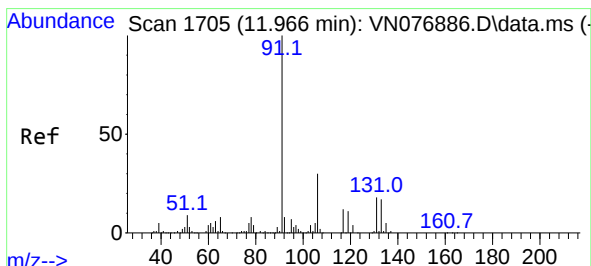
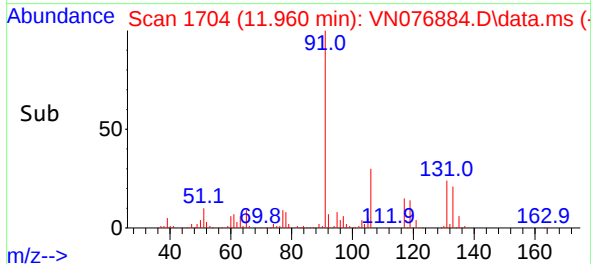
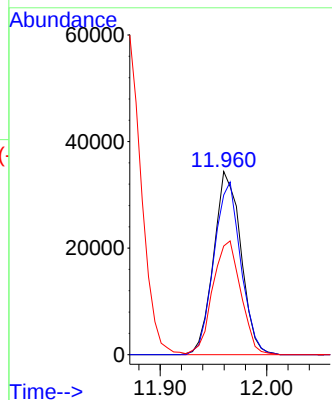
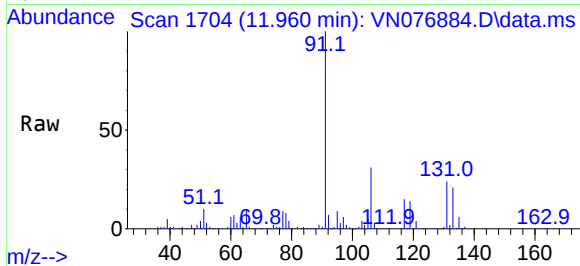




#65  
1,1,1,2-Tetrachloroethane  
Concen: 11.399 ug/l  
RT: 11.960 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

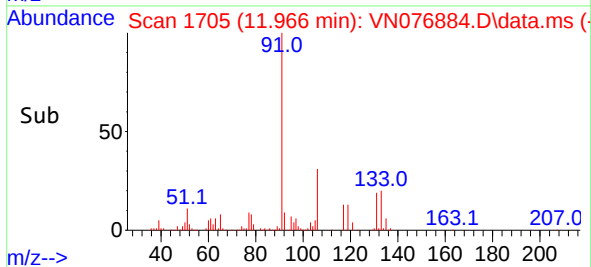
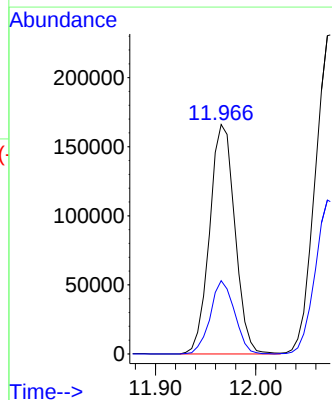
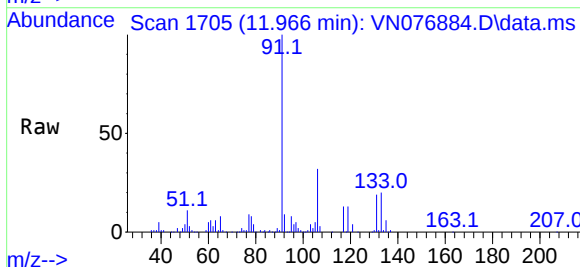
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

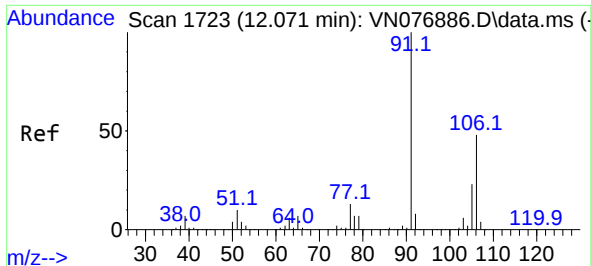
Tgt Ion:131 Resp: 61276  
Ion Ratio Lower Upper  
131 100  
133 93.2 0.0 197.6  
119 64.0 0.0 127.8



#66  
Ethyl Benzene  
Concen: 11.050 ug/l  
RT: 11.966 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 91 Resp: 291108  
Ion Ratio Lower Upper  
91 100  
106 31.9 23.8 35.8

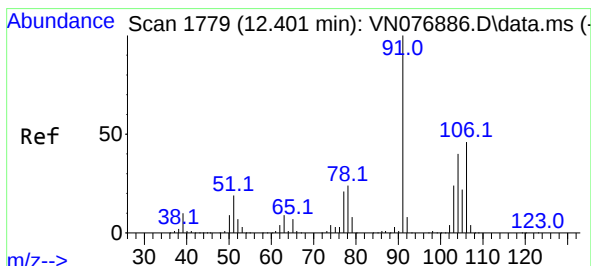
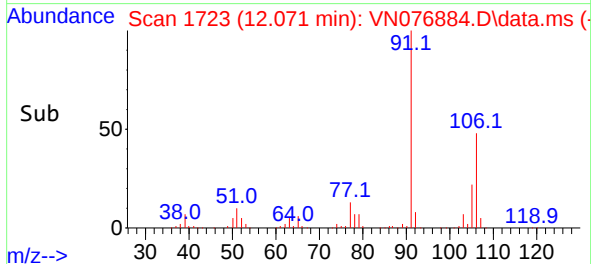
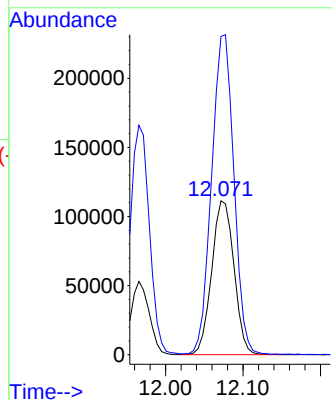
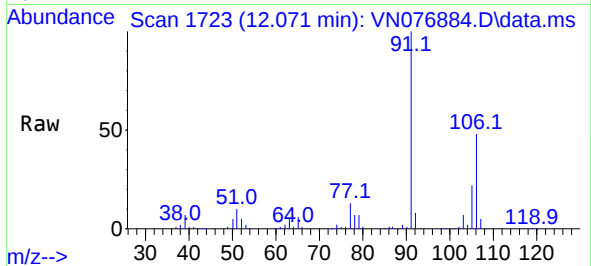




#67  
m/p-Xylenes  
Concen: 21.900 ug/l  
RT: 12.071 min Scan# 1723  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

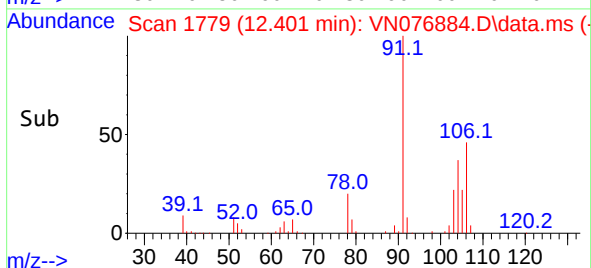
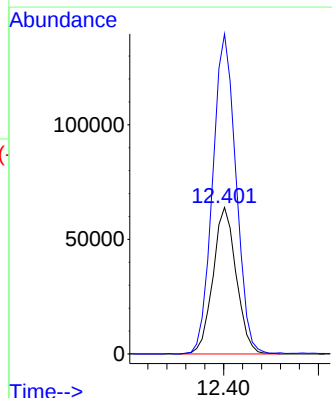
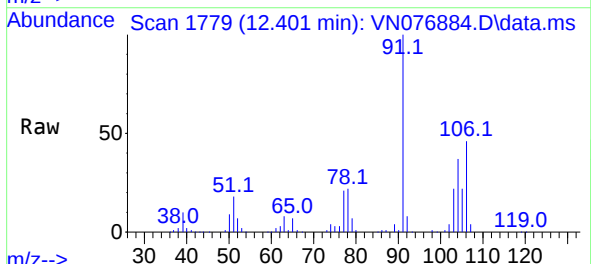
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

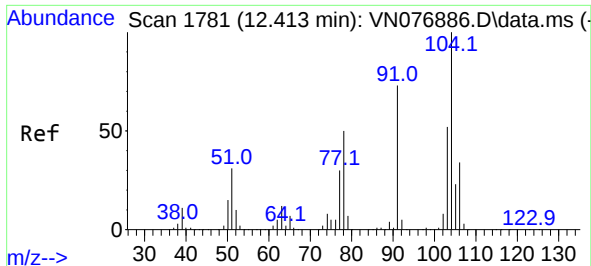
Tgt Ion:106 Resp: 223019  
Ion Ratio Lower Upper  
106 100  
91 207.9 157.4 236.2



#68  
o-Xylene  
Concen: 10.870 ug/l  
RT: 12.401 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion:106 Resp: 108927  
Ion Ratio Lower Upper  
106 100  
91 219.1 107.2 321.6



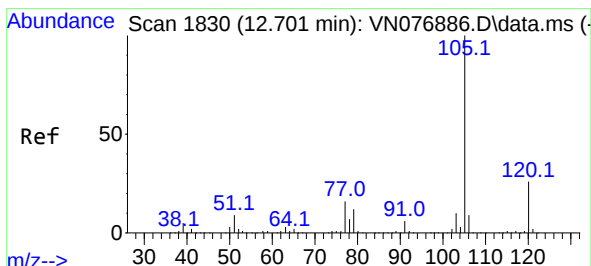
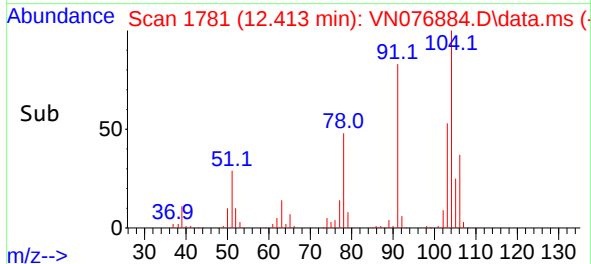
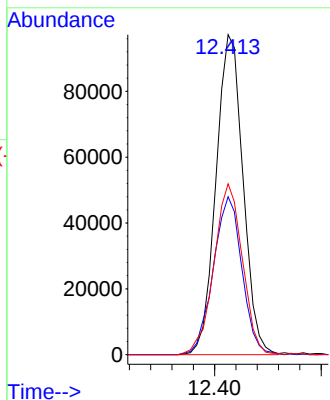
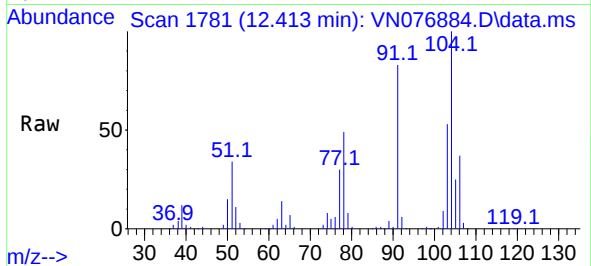


#69  
Styrene  
Concen: 10.620 ug/l  
RT: 12.413 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Tgt Ion:104 Resp: 171045

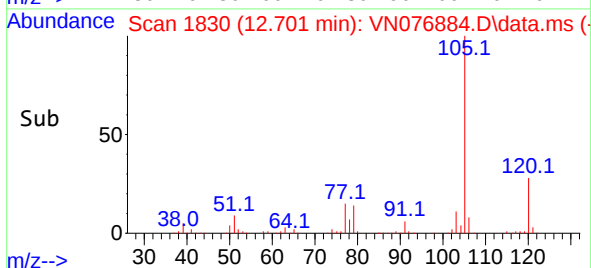
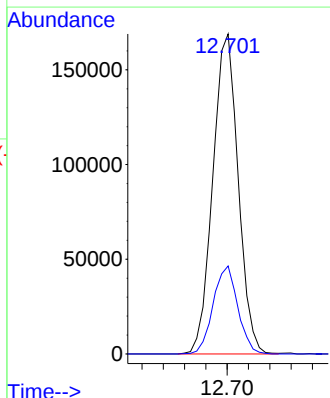
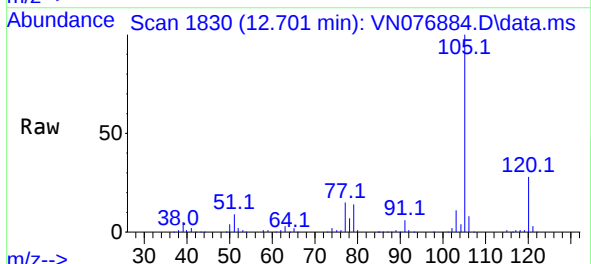
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 104 | 100   |       |       |
| 78  | 52.3  | 39.6  | 59.4  |
| 103 | 56.1  | 43.9  | 65.9  |

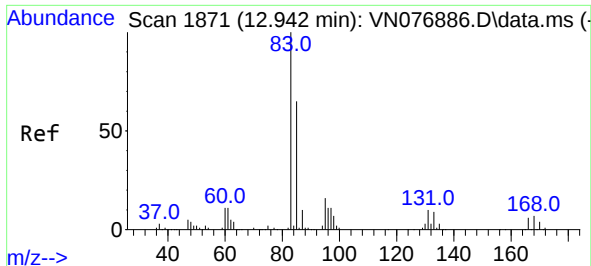


#70  
Isopropylbenzene  
Concen: 10.879 ug/l  
RT: 12.701 min Scan# 1830  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion:105 Resp: 279024

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 26.7  | 19.0  | 35.2  |

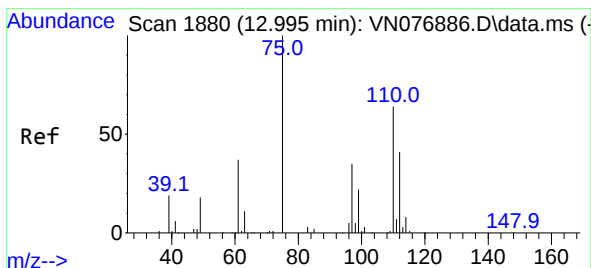
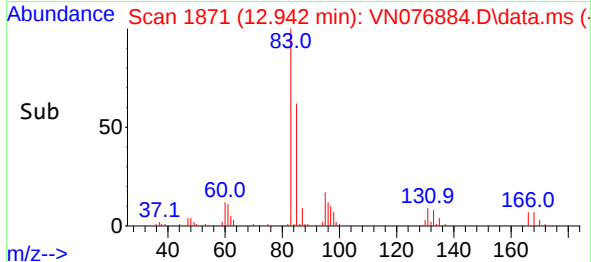
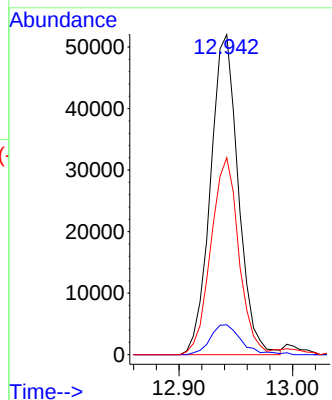
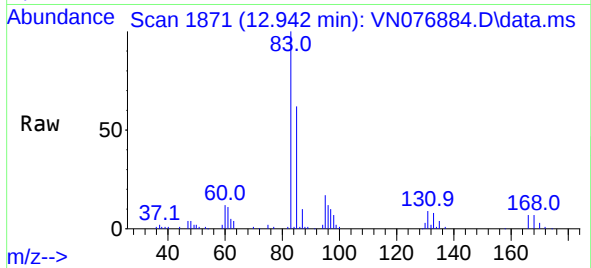




#71  
1,1,2,2-Tetrachloroethane  
Concen: 10.761 ug/l  
RT: 12.942 min Scan# 1871  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

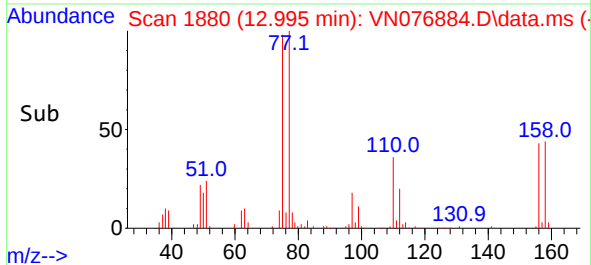
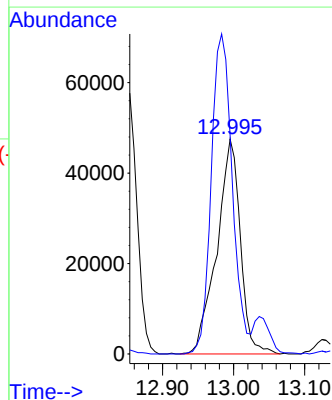
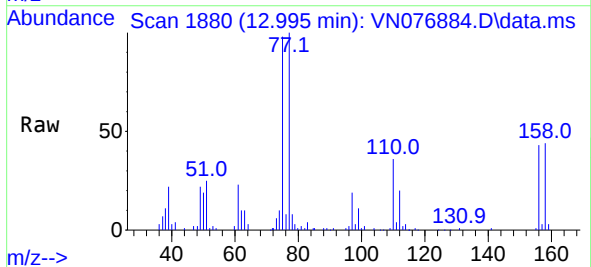
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

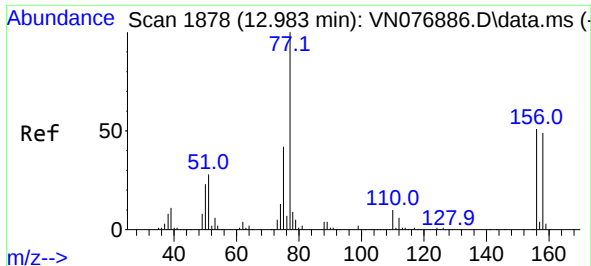
Tgt Ion: 83 Resp: 88643  
Ion Ratio Lower Upper  
83 100  
131 10.0 5.0 14.9  
85 61.5 32.3 96.9



#72  
1,2,3-Trichloropropane  
Concen: 14.755 ug/l  
RT: 12.995 min Scan# 1880  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 75 Resp: 109222  
Ion Ratio Lower Upper  
75 100  
77 133.7 0.0 332.6

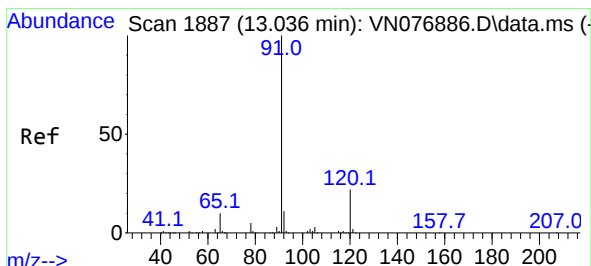
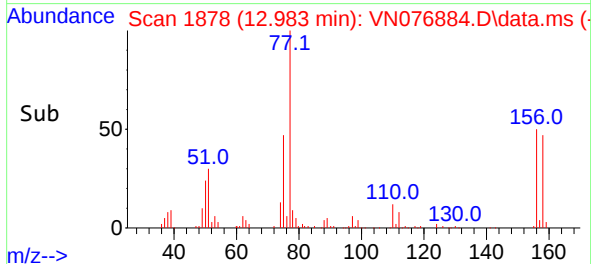
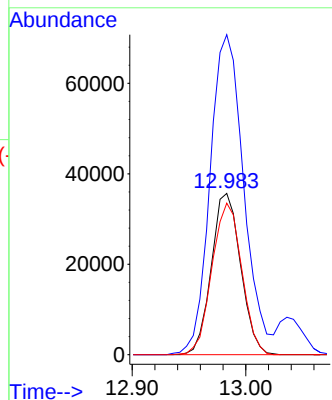
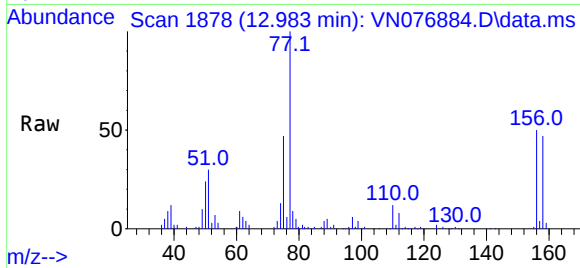




#73  
Bromobenzene  
Concen: 10.844 ug/l  
RT: 12.983 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

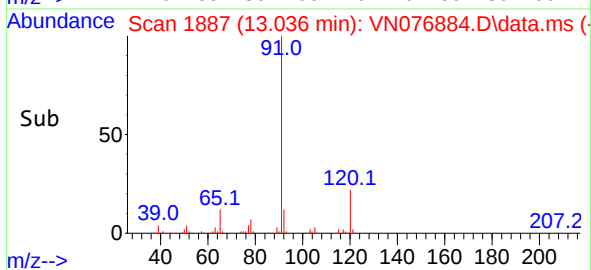
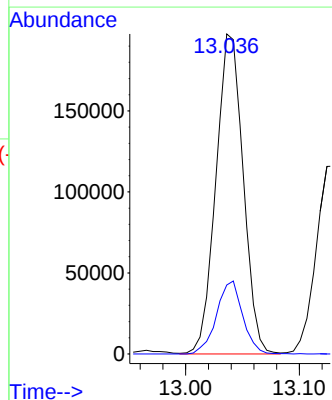
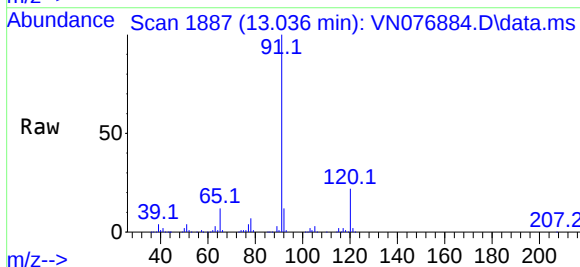
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

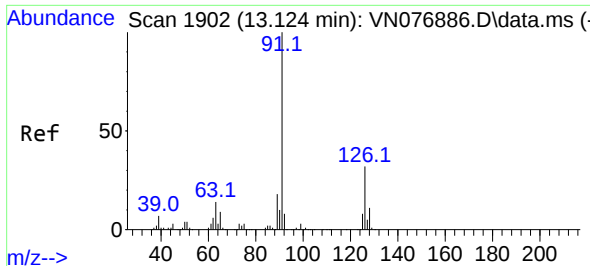
Tgt Ion:156 Resp: 63849  
Ion Ratio Lower Upper  
156 100  
77 228.6 0.0 423.0  
158 95.6 0.0 188.6



#74  
n-propylbenzene  
Concen: 10.769 ug/l  
RT: 13.036 min Scan# 1887  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 91 Resp: 329844  
Ion Ratio Lower Upper  
91 100  
120 21.8 0.0 44.0

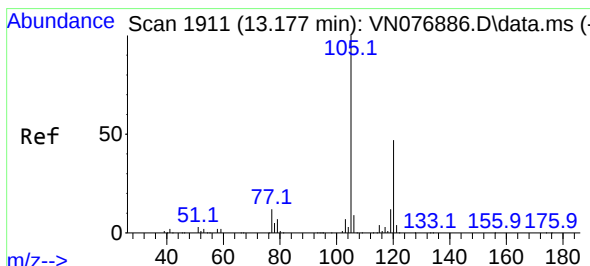
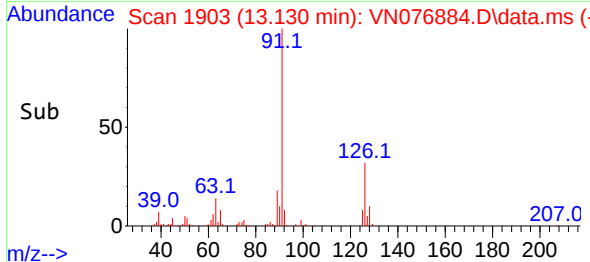
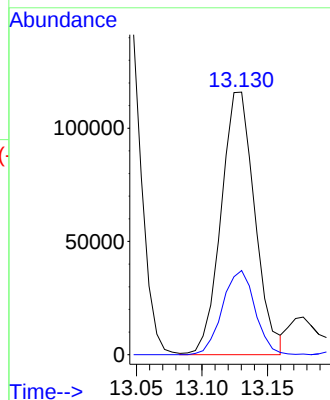
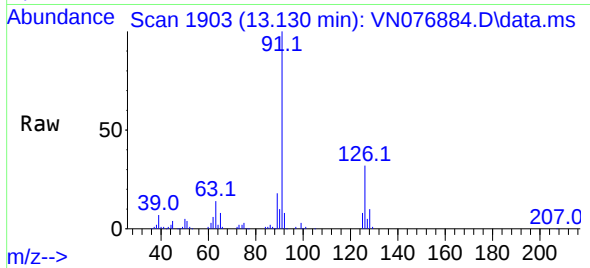




#75  
2-Chlorotoluene  
Concen: 11.301 ug/l  
RT: 13.130 min Scan# 1903  
Delta R.T. 0.006 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

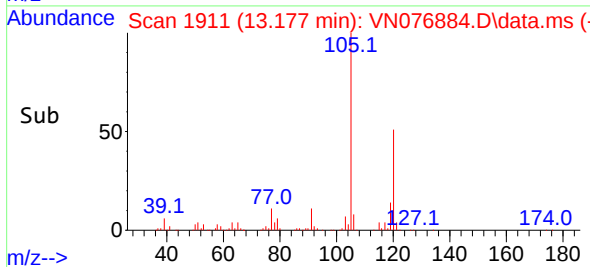
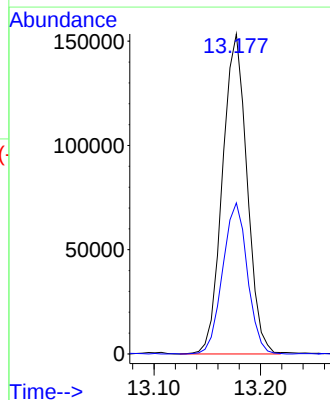
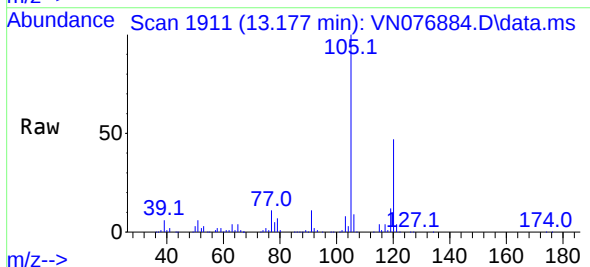
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

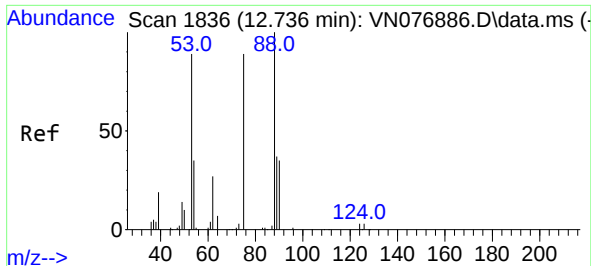
Tgt Ion: 91 Resp: 207386  
Ion Ratio Lower Upper  
91 100  
126 31.0 0.0 66.4



#76  
1,3,5-Trimethylbenzene  
Concen: 11.394 ug/l  
RT: 13.177 min Scan# 1911  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 105 Resp: 245656  
Ion Ratio Lower Upper  
105 100  
120 47.5 0.0 103.2

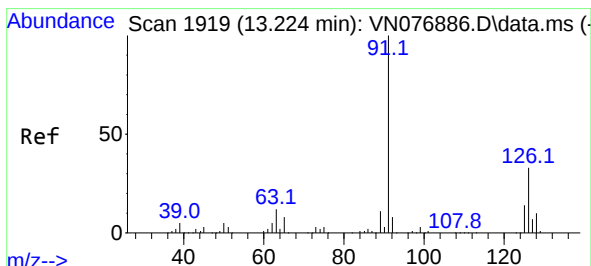
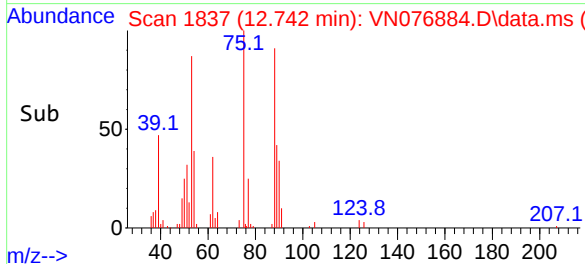
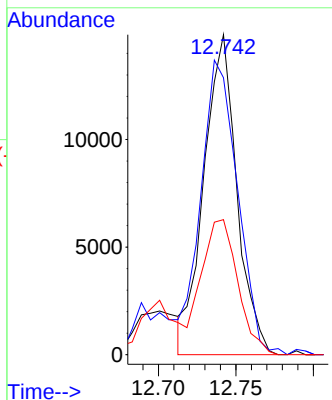
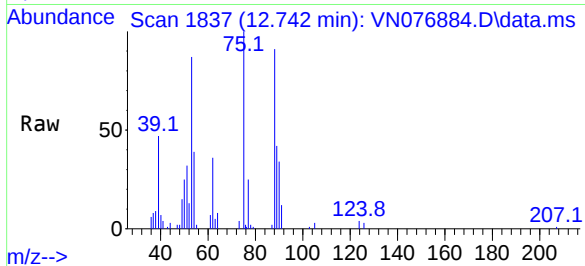




#77  
t-1,4-Dichloro-2-butene  
Concen: 9.405 ug/l  
RT: 12.742 min Scan# 1837  
Delta R.T. 0.006 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

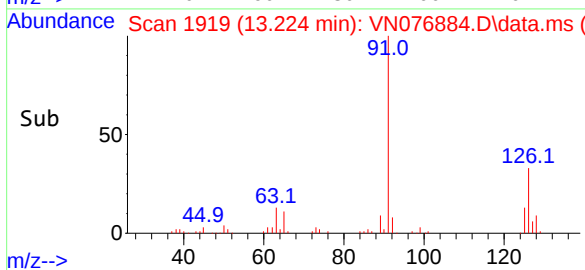
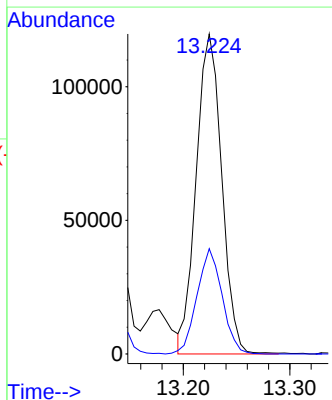
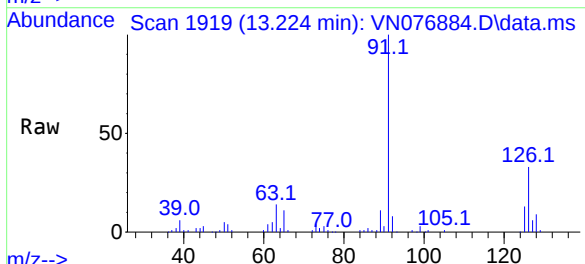
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MSVOA\_N  
ClientSampleId :  
VSTDICC010

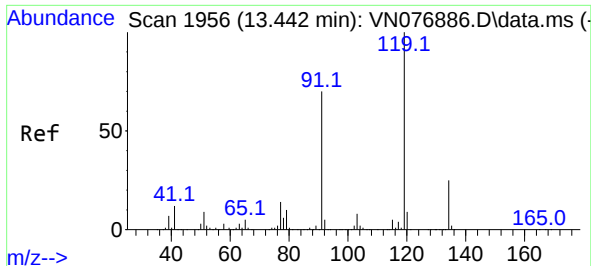
Tgt Ion: 75 Resp: 21950  
Ion Ratio Lower Upper  
75 100  
53 84.6 50.4 151.3  
89 42.2 22.1 66.5



#78  
4-Chlorotoluene  
Concen: 11.362 ug/l  
RT: 13.224 min Scan# 1919  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 91 Resp: 199708  
Ion Ratio Lower Upper  
91 100  
126 32.4 0.0 70.6





#79

tert-butylbenzene

Concen: 10.745 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN076884.D

Acq: 08 Mar 2023 18:23

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

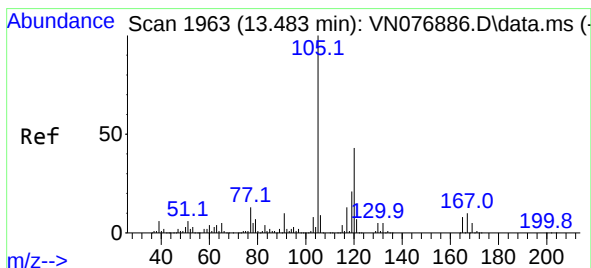
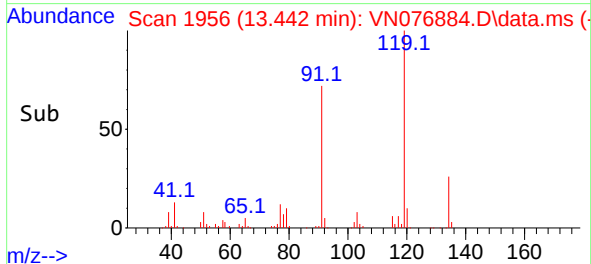
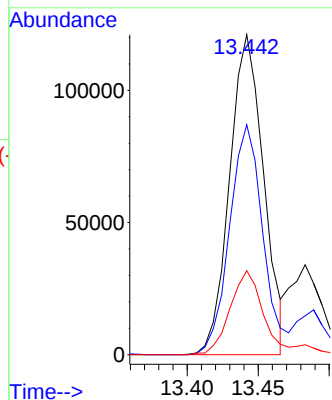
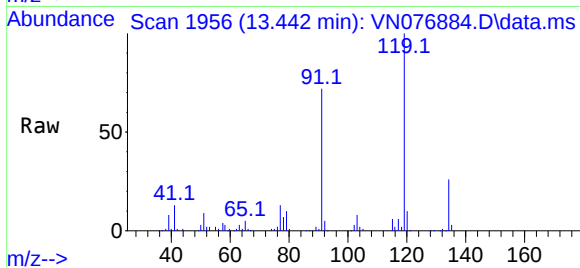
Tgt Ion:119 Resp: 202004

Ion Ratio Lower Upper

119 100

91 70.6 0.0 129.6

134 25.2 0.0 47.8



#80

1,2,4-Trimethylbenzene

Concen: 11.033 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VN076884.D

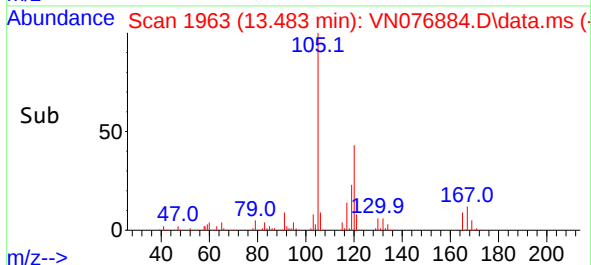
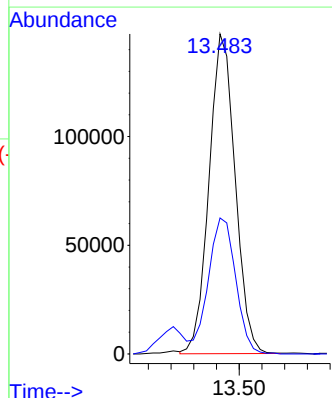
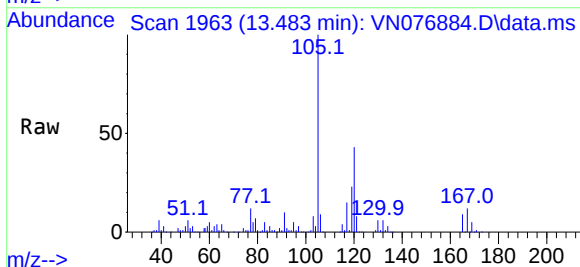
Acq: 08 Mar 2023 18:23

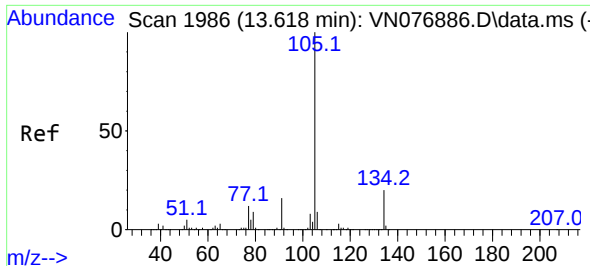
Tgt Ion:105 Resp: 234812

Ion Ratio Lower Upper

105 100

120 44.9 0.0 93.2

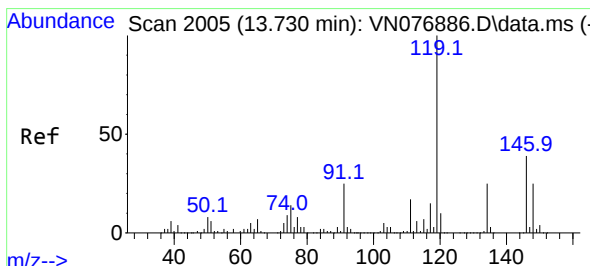
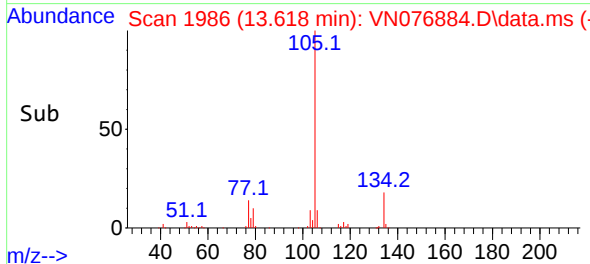
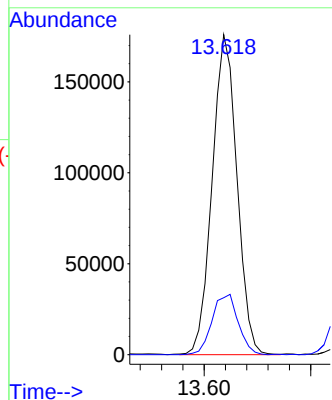
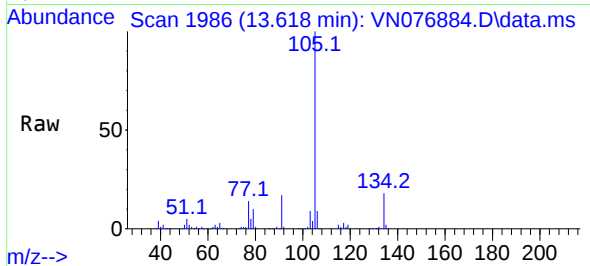




#81  
sec-Butylbenzene  
Concen: 10.471 ug/l  
RT: 13.618 min Scan# 1986  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

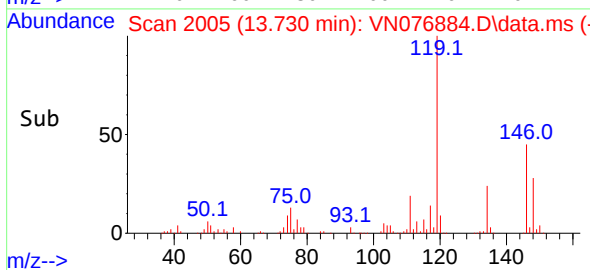
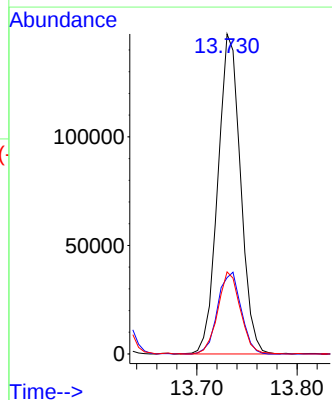
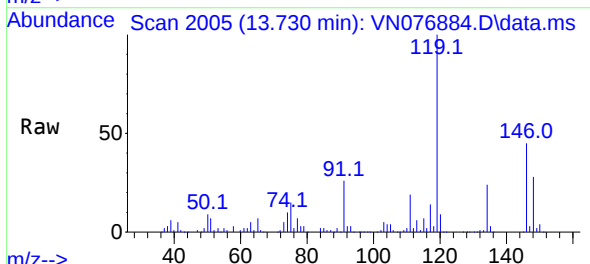
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

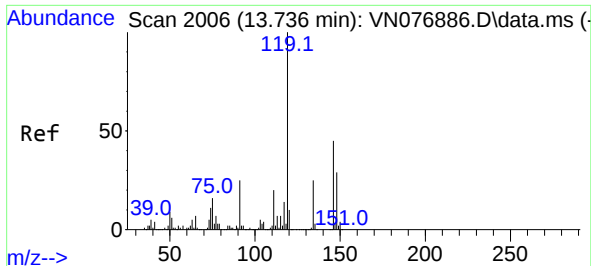
Tgt Ion:105 Resp: 283550  
Ion Ratio Lower Upper  
105 100  
134 19.9 0.0 39.4



#82  
p-Isopropyltoluene  
Concen: 10.551 ug/l  
RT: 13.730 min Scan# 2005  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion:119 Resp: 231341  
Ion Ratio Lower Upper  
119 100  
134 26.4 0.0 53.4  
91 25.5 0.0 47.2

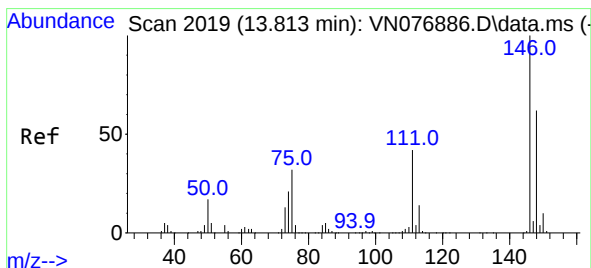
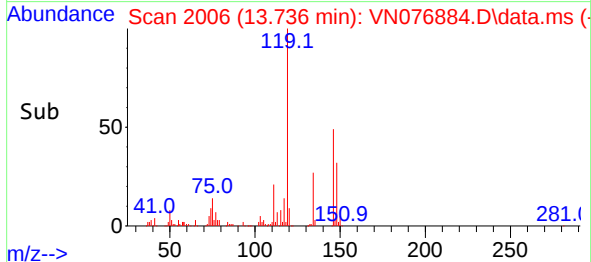
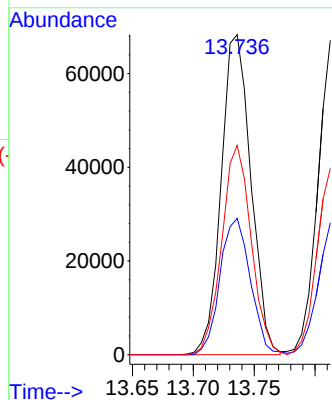
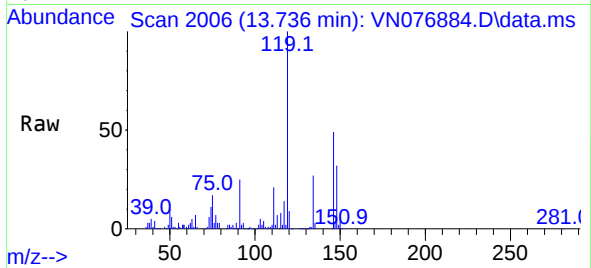




#83  
1,3-Dichlorobenzene  
Concen: 10.373 ug/l  
RT: 13.736 min Scan# 2006  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

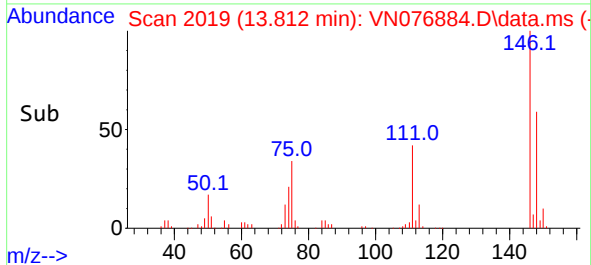
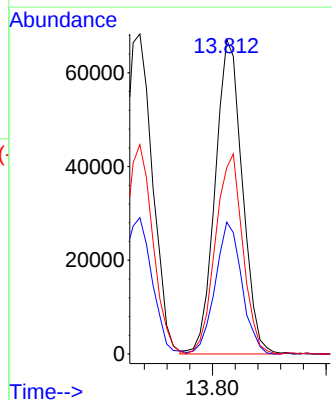
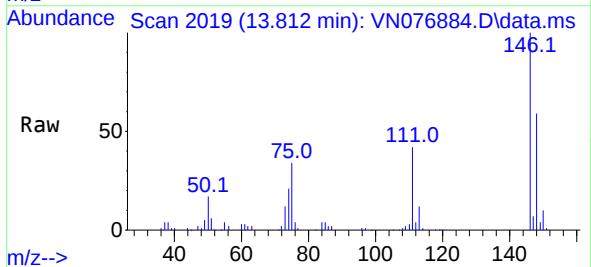
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

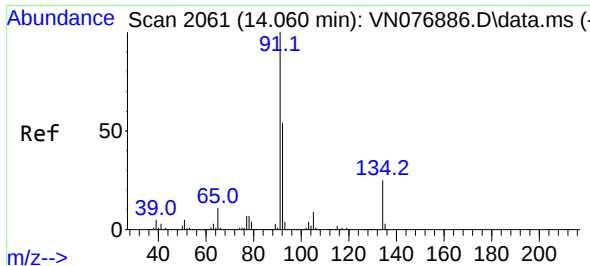
Tgt Ion:146 Resp: 116020  
Ion Ratio Lower Upper  
146 100  
111 43.5 20.3 60.8  
148 64.9 31.9 95.5



#84  
1,4-Dichlorobenzene  
Concen: 10.159 ug/l  
RT: 13.812 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion:146 Resp: 111395  
Ion Ratio Lower Upper  
146 100  
111 41.0 18.2 54.6  
148 63.9 31.1 93.2

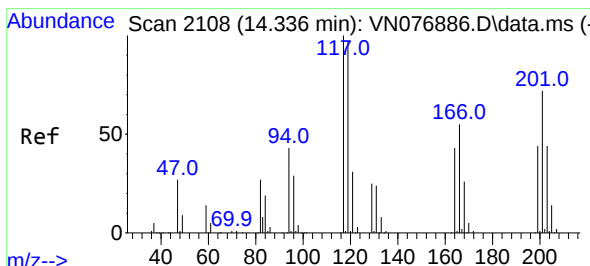
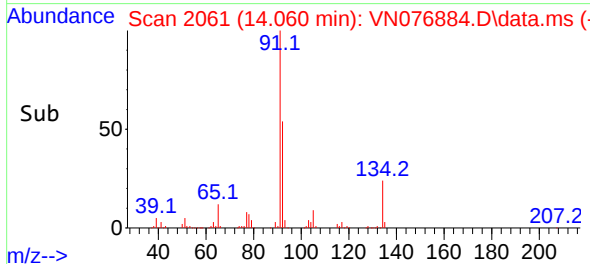
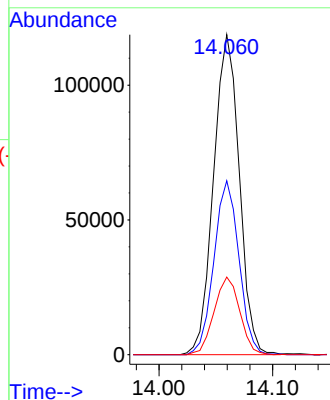
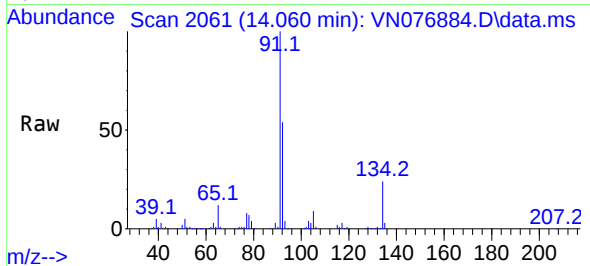




#85  
n-Butylbenzene  
Concen: 10.003 ug/l  
RT: 14.060 min Scan# 2061  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

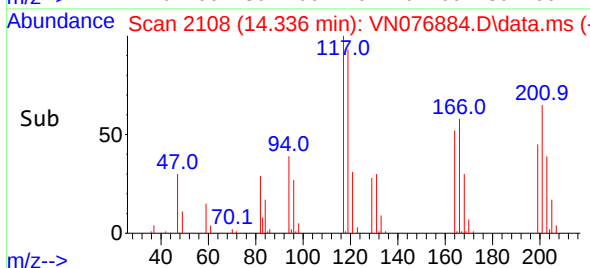
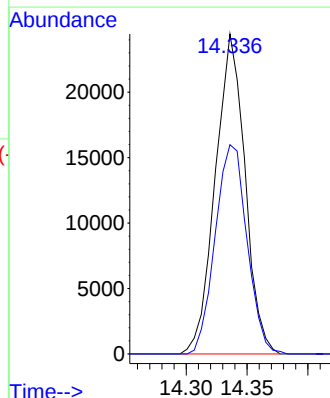
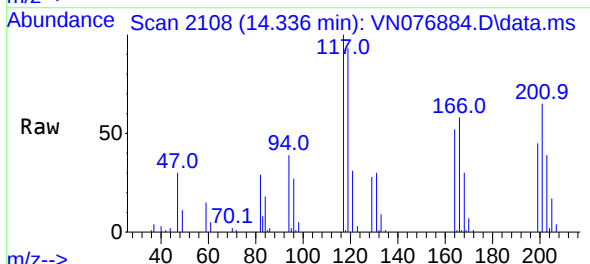
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MSVOA\_N  
ClientSampleId :  
VSTDIC010

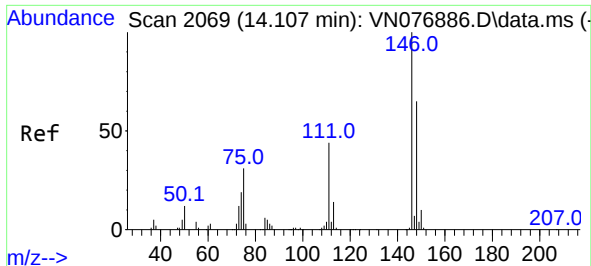
Tgt Ion: 91 Resp: 186667  
Ion Ratio Lower Upper  
91 100  
92 52.9 0.0 103.2  
134 24.2 0.0 50.0



#86  
Hexachloroethane  
Concen: 9.922 ug/l  
RT: 14.336 min Scan# 2108  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion: 117 Resp: 41521  
Ion Ratio Lower Upper  
117 100  
201 69.9 32.2 96.6

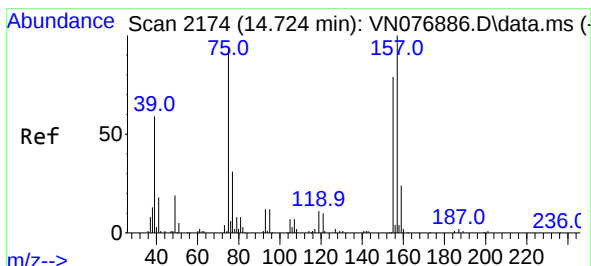
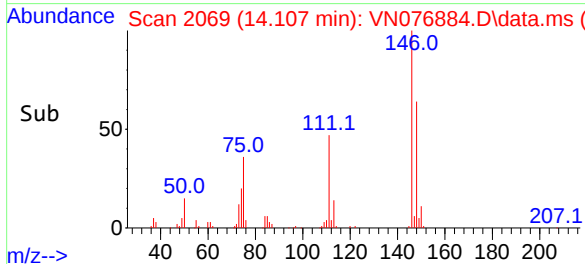
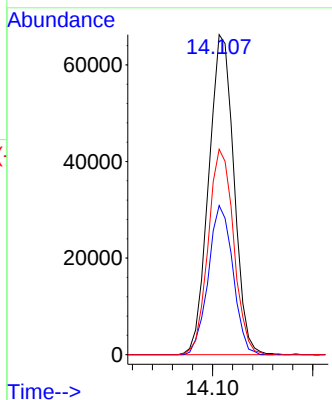
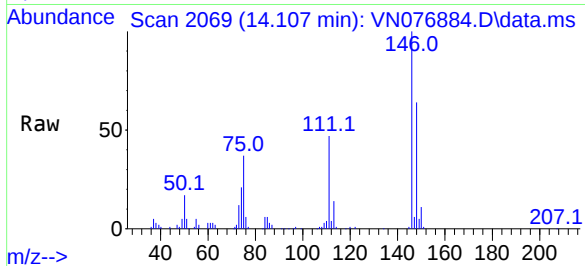




#87  
1,2-Dichlorobenzene  
Concen: 10.356 ug/l  
RT: 14.107 min Scan# 2069  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

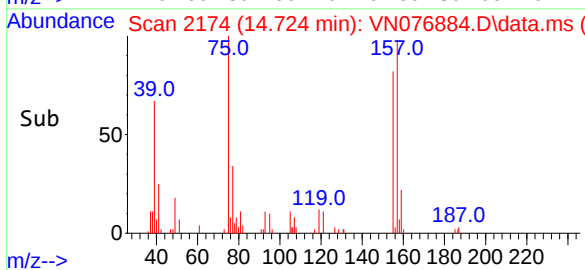
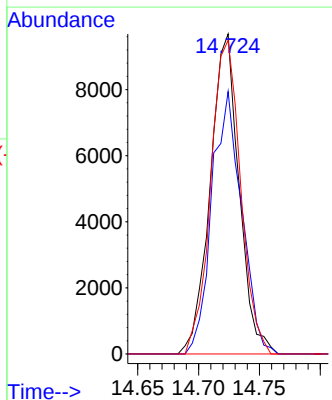
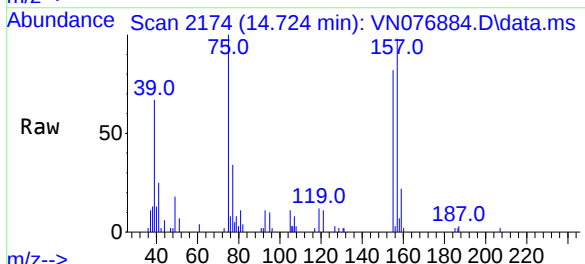
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

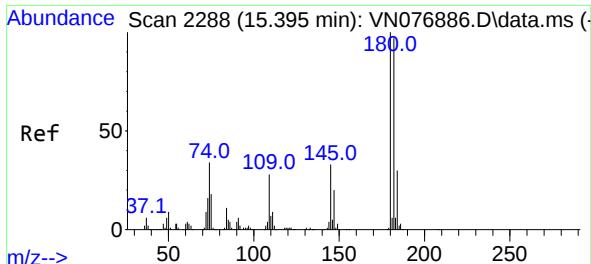
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 115866 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 45.4  | 20.5  | 61.6   |
| 148      | 64.6  | 32.5  | 97.5   |



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 10.237 ug/l  
RT: 14.724 min Scan# 2174  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 15957 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 84.6  | 62.5  | 93.7  |
| 157      | 101.3 | 77.5  | 116.3 |





#89

1,2,4-Trichlorobenzene

Concen: 10.284 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076884.D

Acq: 08 Mar 2023 18:23

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC010

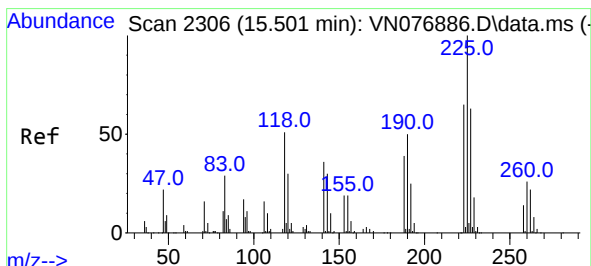
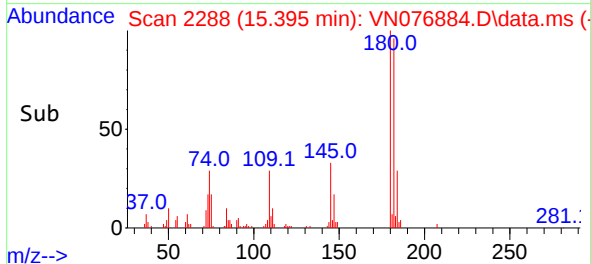
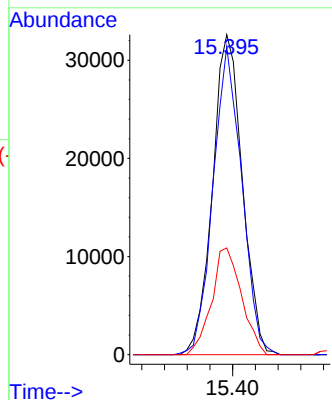
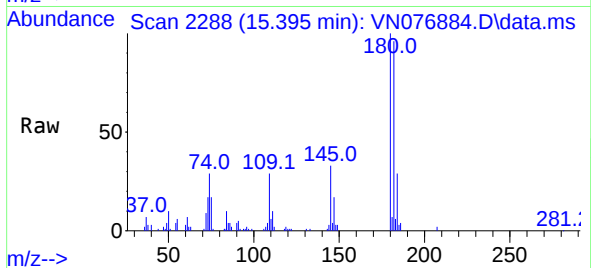
Tgt Ion:180 Resp: 59433

Ion Ratio Lower Upper

180 100

182 92.3 76.6 115.0

145 33.5 24.6 36.8



#90

Hexachlorobutadiene

Concen: 11.169 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. -0.000 min

Lab File: VN076884.D

Acq: 08 Mar 2023 18:23

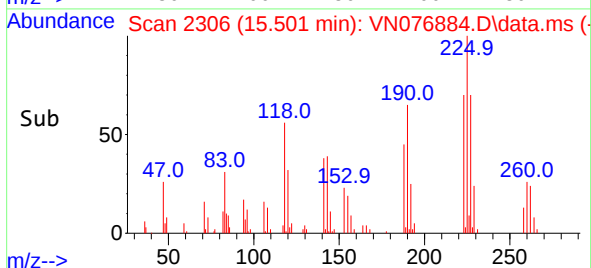
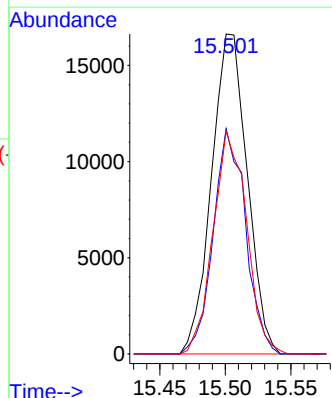
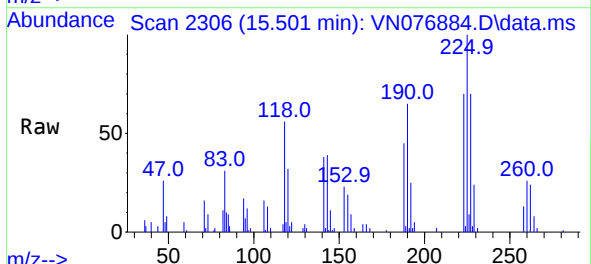
Tgt Ion:225 Resp: 31520

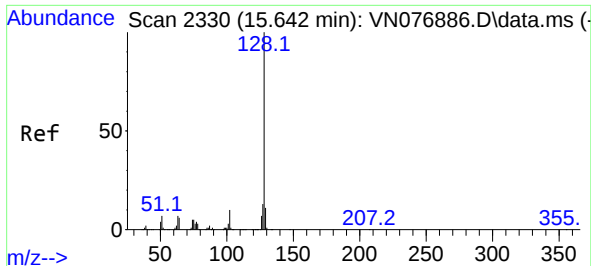
Ion Ratio Lower Upper

225 100

223 63.5 0.0 135.4

227 65.1 0.0 129.4

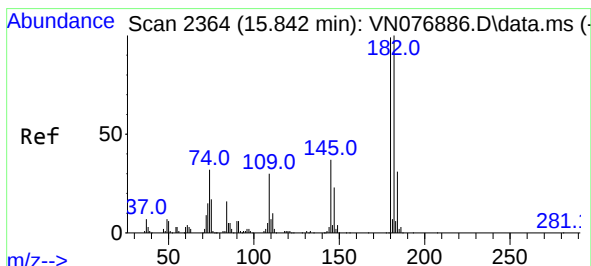
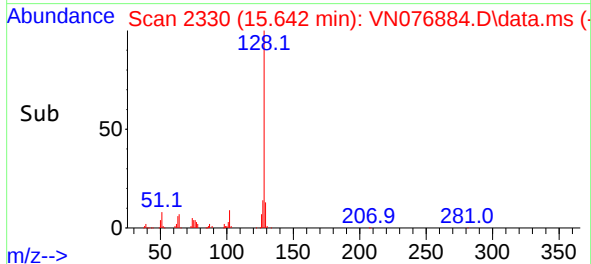
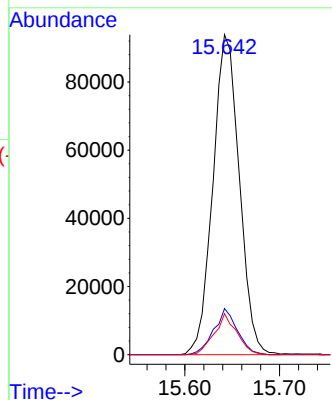
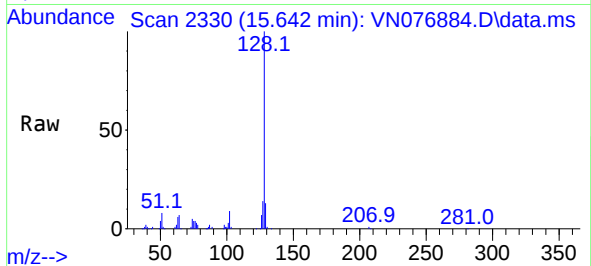




#91  
Naphthalene  
Concen: 9.814 ug/l  
RT: 15.642 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion:128 Resp: 181848  
Ion Ratio Lower Upper  
128 100  
127 12.9 11.0 16.6  
129 10.9 8.9 13.3



#92  
1,2,3-Trichlorobenzene  
Concen: 9.835 ug/l  
RT: 15.848 min Scan# 2365  
Delta R.T. 0.006 min  
Lab File: VN076884.D  
Acq: 08 Mar 2023 18:23

Tgt Ion:180 Resp: 57796  
Ion Ratio Lower Upper  
180 100  
182 95.8 0.0 190.8  
145 36.8 0.0 65.0

