

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030823\  
 Data File : VN076887.D  
 Acq On : 08 Mar 2023 19:35  
 Operator : JC\MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100

Quant Time: Mar 09 03:48:24 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        | 7.819          | 128  | 47784               | 30.000  | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 9.107          | 114  | 341412              | 30.000  | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.866         | 117  | 382138              | 30.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.583          | 65   | 132674              | 30.118  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |      | Recovery = 100.400% |         |        |          |
| 60) 4-Bromofluorobenzene     | 12.854         | 95   | 224712              | 32.934  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |      | Recovery = 109.767% |         |        |          |
| 63) Toluene-d8               | 10.572         | 98   | 389503              | 29.088  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |      | Recovery = 96.967%  |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         |        |          |
|                              |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.137          | 85   | 589559              | 110.956 | ug/l   | 99       |
| 3) Chloromethane             | 2.378          | 50   | 497014              | 81.275  | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.531          | 62   | 462743              | 72.810  | ug/l   | 98       |
| 5) Bromomethane              | 2.960          | 94   | 280159              | 63.557  | ug/l   | 98       |
| 6) Chloroethane              | 3.131          | 64   | 260049              | 63.885  | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.513          | 101  | 879645              | 102.549 | ug/l   | 99       |
| 8) Diethyl Ether             | 3.978          | 74   | 349005              | 103.582 | ug/l   | 85       |
| 9) 1,1,2-Trichlorotrifluo... | 4.384          | 101  | 503578              | 97.646  | ug/l   | 95       |
| 10) 1,1-Dichloroethene       | 4.354          | 96   | 494404              | 101.694 | ug/l   | 98       |
| 11) Methyl Iodide            | 4.607          | 142  | 658011              | 112.212 | ug/l   | 95       |
| 12) Methyl Acetate           | 5.037          | 43   | 807277              | 84.850  | ug/l   | 99       |
| 13) Acrolein                 | 4.190          | 56   | 639649              | 537.687 | ug/l   | 98       |
| 14) Acrylonitrile            | 5.731          | 53   | 1346748             | 456.645 | ug/l   | 97       |
| 15) Acetone                  | 4.443          | 58   | 348798              | 377.994 | ug/l   | 85       |
| 16) Carbon Disulfide         | 4.725          | 76   | 1392835             | 102.476 | ug/l   | 97       |
| 17) Allyl chloride           | 5.037          | 41   | 755327              | 90.044  | ug/l   | 95       |
| 18) Methylene Chloride       | 5.290          | 84   | 550975              | 91.300  | ug/l   | 87       |
| 19) trans-1,2-Dichloroethene | 5.801          | 96   | 519841              | 96.793  | ug/l   | 98       |
| 20) Diisopropyl ether        | 6.684          | 45   | 1696768             | 86.198  | ug/l   | 94       |
| 21) 1,1-Dichloroethane       | 6.578          | 63   | 985356              | 93.756  | ug/l   | 99       |
| 22) cis-1,2-Dichloroethene   | 7.495          | 96   | 600398              | 98.190  | ug/l   | 97       |
| 23) tert-Butyl Alcohol       | 5.537          | 59   | 367670              | 433.910 | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 5.807          | 73   | 1674145             | 100.774 | ug/l   | 92       |
| 25) Chloroform               | 7.972          | 83   | 989826              | 96.028  | ug/l   | 99       |
| 26) Cyclohexane              | 8.266          | 56   | 908071              | 95.970  | ug/l # | 92       |
| 29) 1,1-Dichloropropene      | 8.378          | 75   | 752691              | 96.531  | ug/l   | 98       |
| 30) 2-Butanone               | 7.489          | 43   | 1674567             | 386.307 | ug/l   | 95       |
| 31) 2,2-Dichloropropane      | 7.501          | 77   | 771029              | 94.948  | ug/l # | 63       |
| 32) 1,1,1-Trichloroethane    | 8.178          | 97   | 883559              | 97.157  | ug/l   | 96       |
| 33) Carbon Tetrachloride     | 8.366          | 117  | 770687              | 97.508  | ug/l   | 95       |
| 34) Benzene                  | 8.613          | 78   | 2247751             | 90.626  | ug/l   | 97       |
| 35) Methacrylonitrile        | 7.783          | 41   | 395456              | 82.199  | ug/l   | 91       |
| 36) 1,2-Dichloroethane       | 8.678          | 62   | 745703              | 89.782  | ug/l   | 98       |
| 37) Trichloroethene          | 9.354          | 130  | 573579              | 98.430  | ug/l   | 98       |
| 38) Methylcyclohexane        | 9.607          | 83   | 983958              | 99.515  | ug/l   | 99       |
| 39) 1,2-Dichloropropane      | 9.625          | 63   | 573204              | 89.214  | ug/l   | 97       |
| 40) Dibromomethane           | 9.713          | 93   | 369178              | 90.176  | ug/l   | 94       |
| 41) Bromodichloromethane     | 9.889          | 83   | 785801              | 95.371  | ug/l   | 99       |
| 42) Vinyl Acetate            | 6.613          | 43   | 5596019             | 436.676 | ug/l   | 96       |

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 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100

Quant Time: Mar 09 03:48:24 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

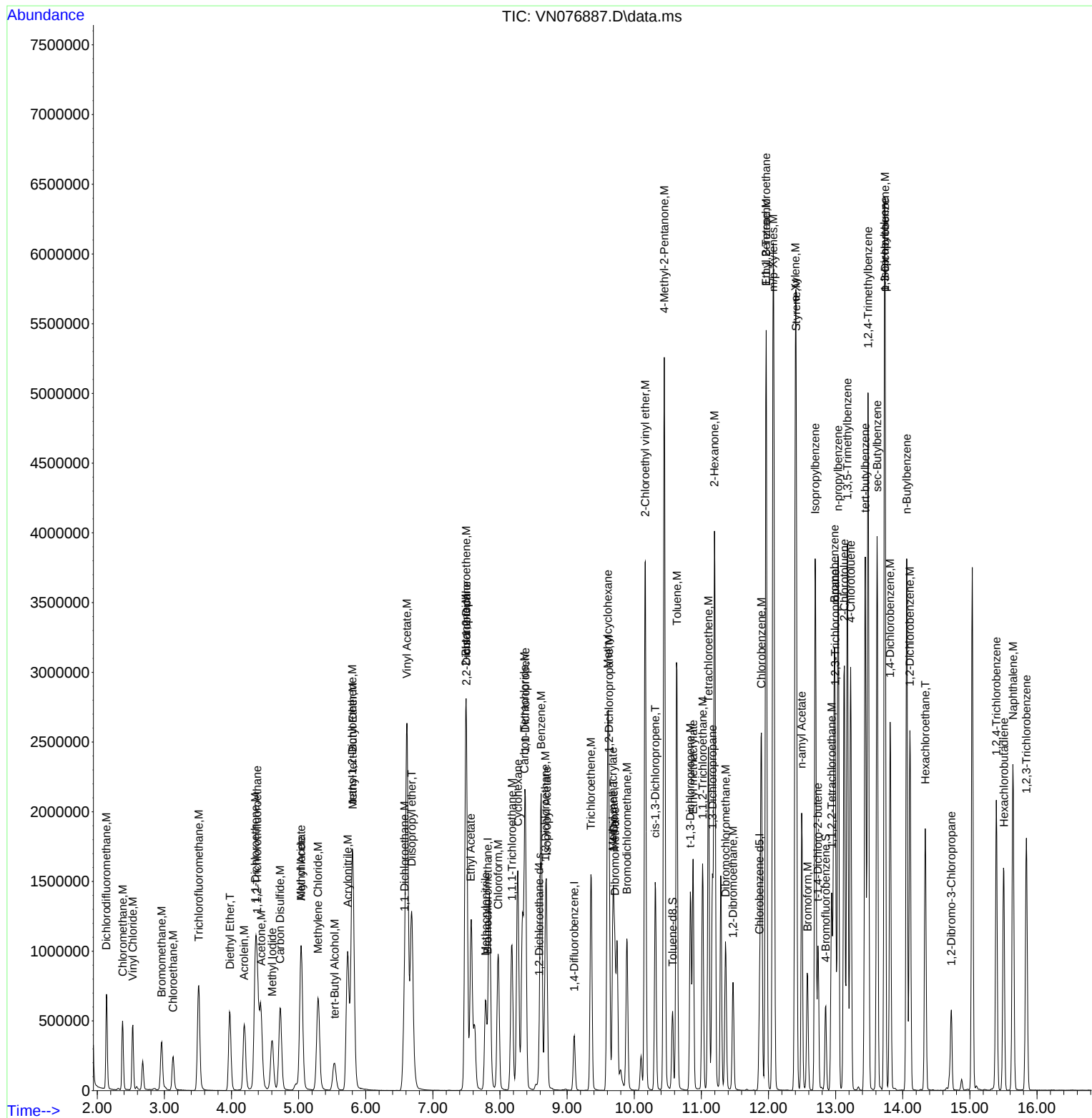
| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 43) Ethyl Acetate             | 7.566  | 43   | 694092   | 83.064   | ug/l   | 96       |
| 44) Isopropyl Acetate         | 8.695  | 43   | 1154034  | 83.432   | ug/l   | 92       |
| 45) 1,4-Dioxane               | 9.695  | 88   | 180746   | 1555.490 | ug/l   | 96       |
| 46) Methyl methacrylate       | 9.683  | 41   | 564135   | 88.469   | ug/l   | 90       |
| 47) n-amyl Acetate            | 12.495 | 43   | 1003076  | 83.836   | ug/l   | 93       |
| 48) t-1,3-Dichloropropene     | 10.836 | 75   | 846579   | 101.806  | ug/l   | 100      |
| 49) cis-1,3-Dichloropropene   | 10.313 | 75   | 936111   | 98.126   | ug/l # | 88       |
| 50) 1,1,2-Trichloroethane     | 11.019 | 97   | 538948   | 90.501   | ug/l   | 97       |
| 51) Ethyl methacrylate        | 10.877 | 69   | 884677   | 102.192  | ug/l   | 86       |
| 52) 1,3-Dichloropropane       | 11.166 | 76   | 945847   | 92.360   | ug/l   | 99       |
| 53) Dibromochloromethane      | 11.360 | 129  | 579224   | 95.463   | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 11.471 | 107  | 551575   | 95.720   | ug/l   | 100      |
| 55) 2-Chloroethyl vinyl ether | 10.166 | 63   | 1809404  | 489.667  | ug/l   | 98       |
| 56) Bromoform                 | 12.583 | 173  | 403887   | 97.478   | ug/l   | 98       |
| 58) 4-Methyl-2-Pentanone      | 10.448 | 43   | 3493467  | 396.690  | ug/l # | 89       |
| 59) 2-Hexanone                | 11.195 | 43   | 2514439  | 387.480  | ug/l # | 88       |
| 61) Tetrachloroethene         | 11.107 | 164  | 573495   | 113.267  | ug/l   | 92       |
| 62) Toluene                   | 10.636 | 91   | 2410987  | 90.583   | ug/l   | 99       |
| 64) Chlorobenzene             | 11.895 | 112  | 1444238  | 92.033   | ug/l   | 98       |
| 65) 1,1,1,2-Tetrachloroethane | 11.966 | 131  | 535486   | 92.453   | ug/l   | 98       |
| 66) Ethyl Benzene             | 11.966 | 91   | 2755729  | 97.078   | ug/l   | 99       |
| 67) m/p-Xylenes               | 12.071 | 106  | 2067348  | 188.411  | ug/l   | 92       |
| 68) o-Xylene                  | 12.401 | 106  | 1001863  | 92.792   | ug/l   | 94       |
| 69) Styrene                   | 12.413 | 104  | 1683052  | 96.989   | ug/l   | 98       |
| 70) Isopropylbenzene          | 12.695 | 105  | 2686531  | 97.218   | ug/l   | 96       |
| 71) 1,1,2,2-Tetrachloroethane | 12.942 | 83   | 731380   | 82.405   | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 12.995 | 75   | 985012   | 123.499  | ug/l   | 77       |
| 73) Bromobenzene              | 12.983 | 156  | 592402   | 93.377   | ug/l   | 93       |
| 74) n-propylbenzene           | 13.036 | 91   | 3214150  | 97.390   | ug/l   | 99       |
| 75) 2-Chlorotoluene           | 13.130 | 91   | 1923360  | 97.269   | ug/l   | 96       |
| 76) 1,3,5-Trimethylbenzene    | 13.177 | 105  | 2303724  | 99.169   | ug/l   | 93       |
| 77) t-1,4-Dichloro-2-butene   | 12.736 | 75   | 241754   | 96.134   | ug/l   | 93       |
| 78) 4-Chlorotoluene           | 13.224 | 91   | 1886554  | 99.611   | ug/l   | 94       |
| 79) tert-butylbenzene         | 13.442 | 119  | 1937836  | 95.668   | ug/l   | 93       |
| 80) 1,2,4-Trimethylbenzene    | 13.483 | 105  | 2283413  | 99.574   | ug/l   | 95       |
| 81) sec-Butylbenzene          | 13.618 | 105  | 2836880  | 97.228   | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 13.730 | 119  | 2325348  | 98.432   | ug/l   | 97       |
| 83) 1,3-Dichlorobenzene       | 13.736 | 146  | 1100942  | 91.353   | ug/l   | 98       |
| 84) 1,4-Dichlorobenzene       | 13.813 | 146  | 1101421  | 93.224   | ug/l   | 95       |
| 85) n-Butylbenzene            | 14.060 | 91   | 2136767  | 106.273  | ug/l   | 98       |
| 86) Hexachloroethane          | 14.336 | 117  | 414599   | 91.952   | ug/l   | 92       |
| 87) 1,2-Dichlorobenzene       | 14.107 | 146  | 1092370  | 90.617   | ug/l   | 97       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.724 | 75   | 163025   | 97.062   | ug/l   | 95       |
| 89) 1,2,4-Trichlorobenzene    | 15.395 | 180  | 680647   | 109.305  | ug/l   | 97       |
| 90) Hexachlorobutadiene       | 15.507 | 225  | 328116   | 107.904  | ug/l   | 95       |
| 91) Naphthalene               | 15.642 | 128  | 2176276  | 109.002  | ug/l   | 98       |
| 92) 1,2,3-Trichlorobenzene    | 15.842 | 180  | 655340   | 103.497  | ug/l   | 98       |

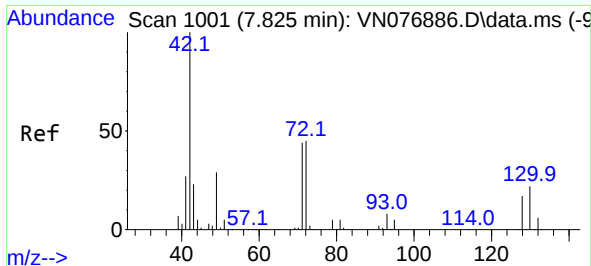
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VN076887.D  
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 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100

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 QLast Update : Thu Mar 09 03:46:27 2023  
 Response via : Initial Calibration

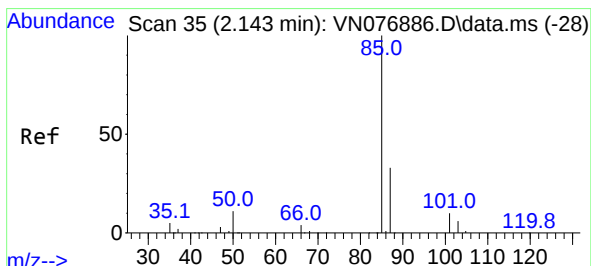
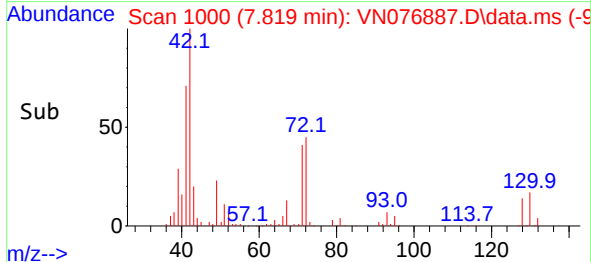
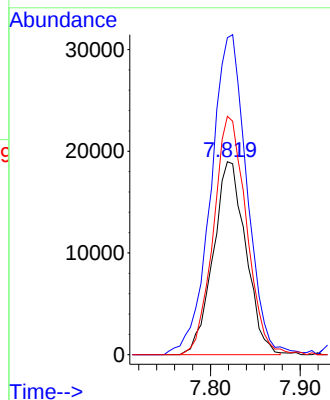
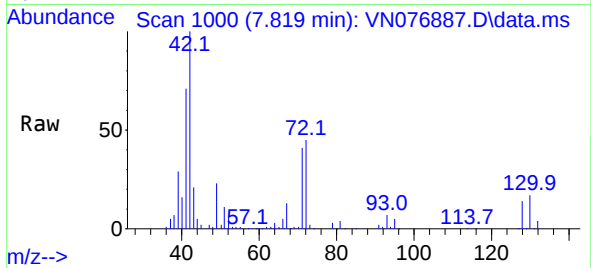




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.819 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

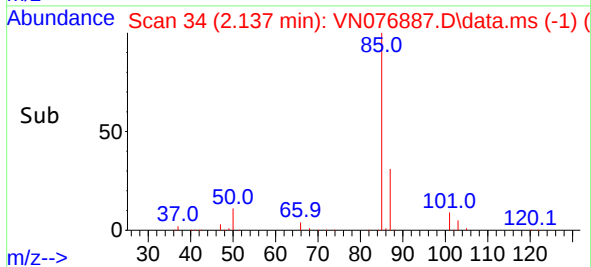
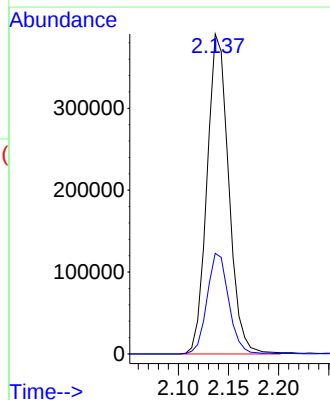
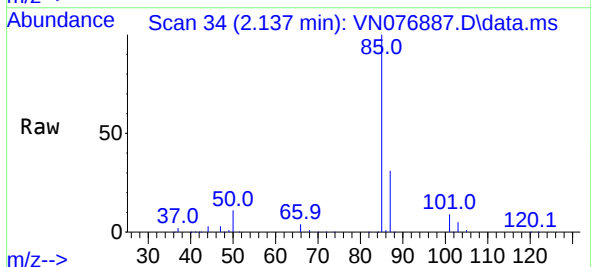
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

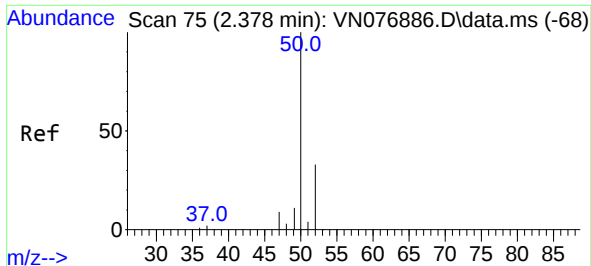
Tgt Ion:128 Resp: 47784  
Ion Ratio Lower Upper  
128 100  
49 183.3 0.0 461.8  
130 125.0 0.0 295.3



#2  
Dichlorodifluoromethane  
Concen: 110.956 ug/l  
RT: 2.137 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 85 Resp: 589559  
Ion Ratio Lower Upper  
85 100  
87 31.4 15.4 46.1

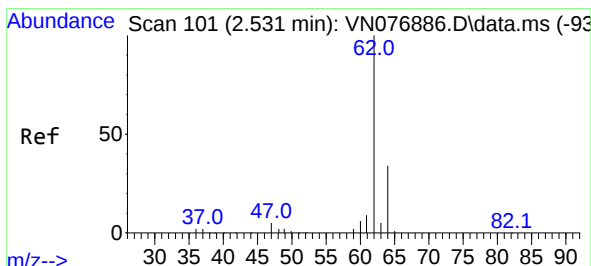
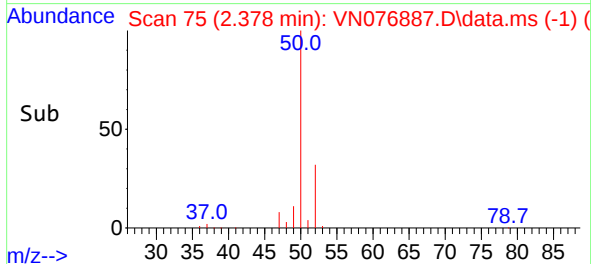
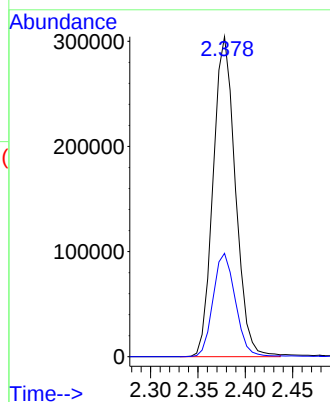
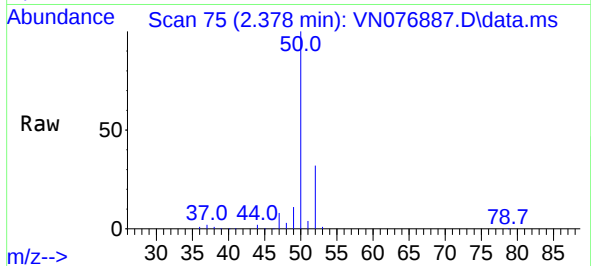




#3  
Chloromethane  
Concen: 81.275 ug/l  
RT: 2.378 min Scan# 75  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

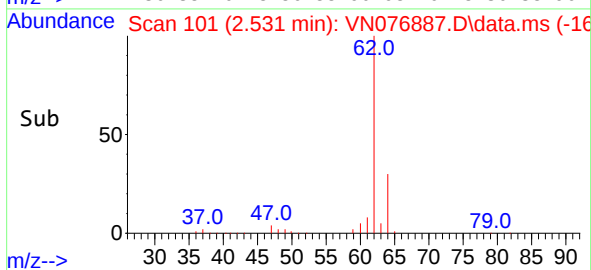
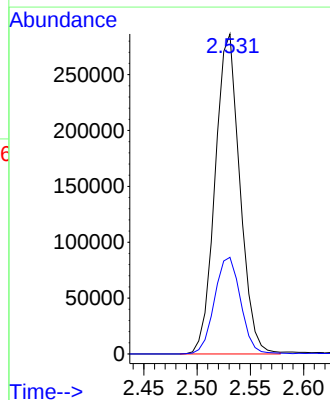
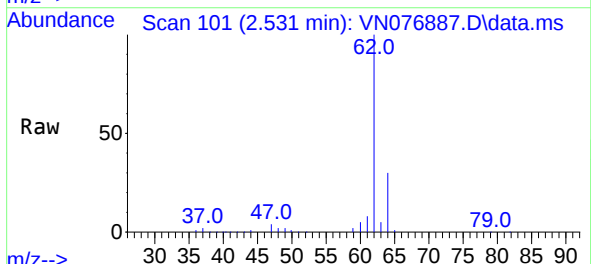
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

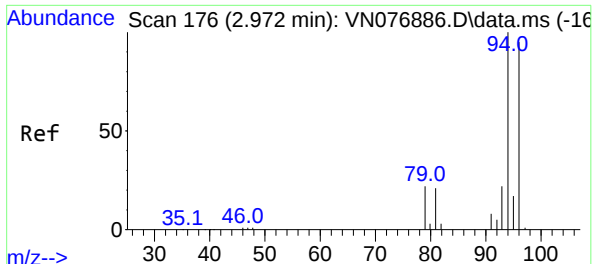
Tgt Ion: 50 Resp: 497014  
Ion Ratio Lower Upper  
50 100  
52 32.3 25.3 37.9



#4  
Vinyl Chloride  
Concen: 72.810 ug/l  
RT: 2.531 min Scan# 101  
Delta R.T. -0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 62 Resp: 462743  
Ion Ratio Lower Upper  
62 100  
64 30.2 23.1 34.7

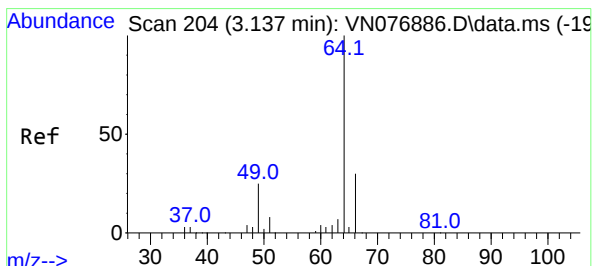
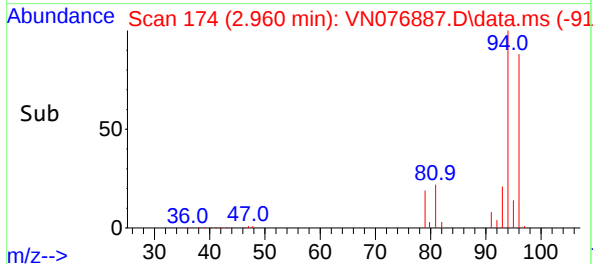
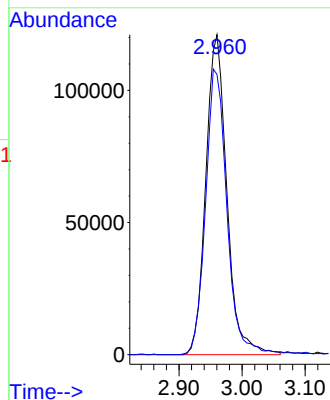
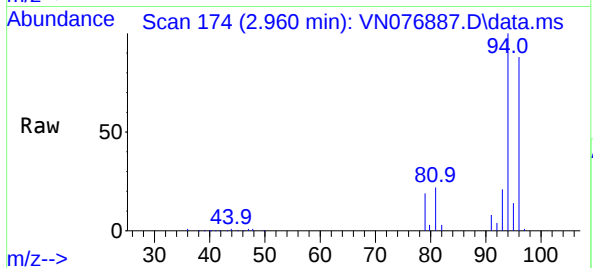




#5  
Bromomethane  
Concen: 63.557 ug/l  
RT: 2.960 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

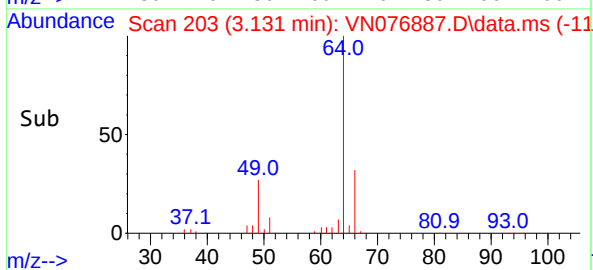
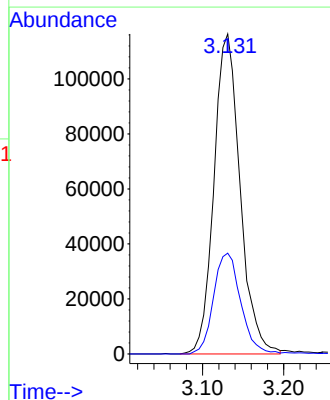
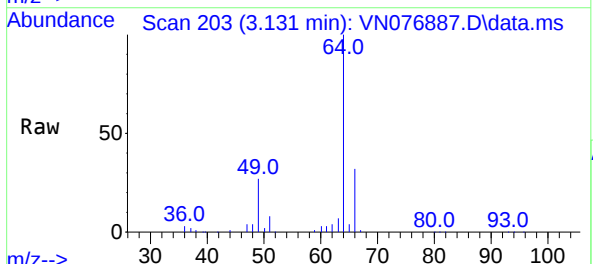
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

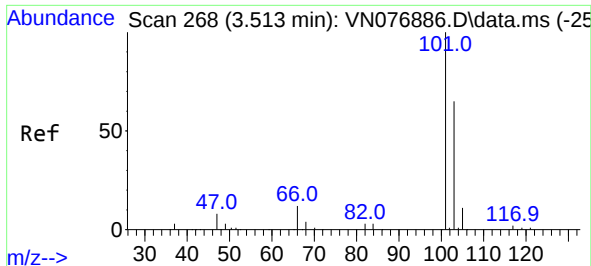
Tgt Ion: 94 Resp: 280159  
Ion Ratio Lower Upper  
94 100  
96 87.6 68.6 103.0



#6  
Chloroethane  
Concen: 63.885 ug/l  
RT: 3.131 min Scan# 203  
Delta R.T. -0.006 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 64 Resp: 260049  
Ion Ratio Lower Upper  
64 100  
66 31.5 23.8 35.6

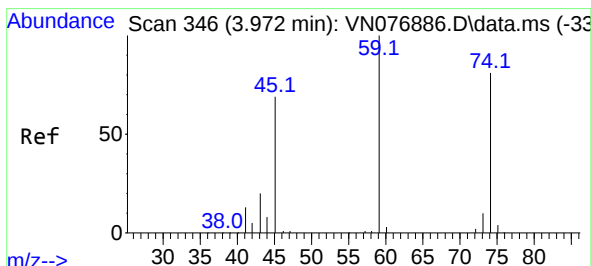
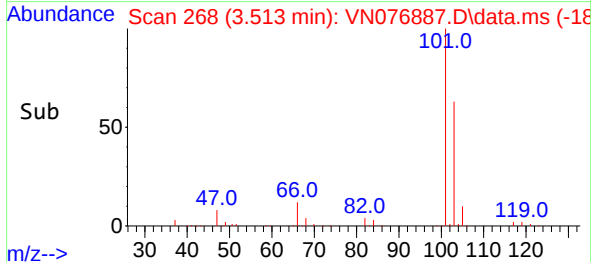
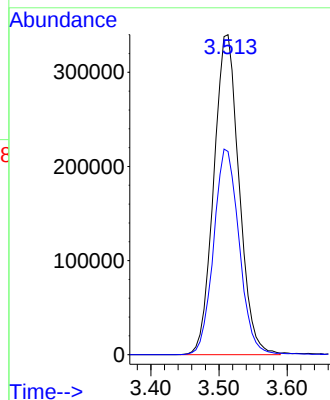
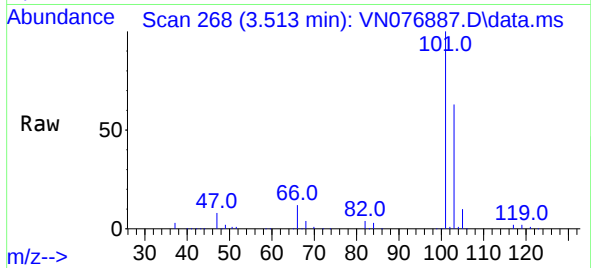




#7  
Trichlorofluoromethane  
Concen: 102.549 ug/l  
RT: 3.513 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

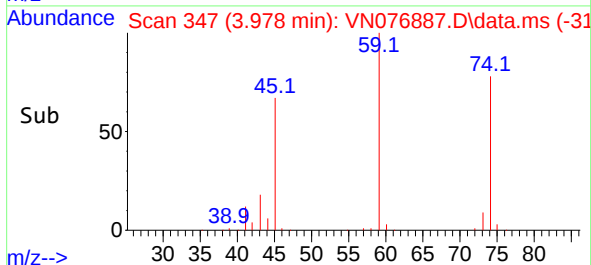
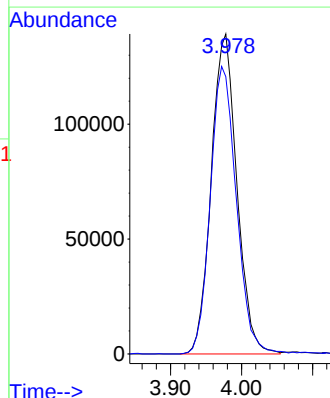
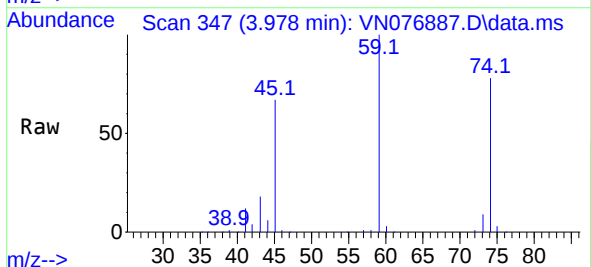
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

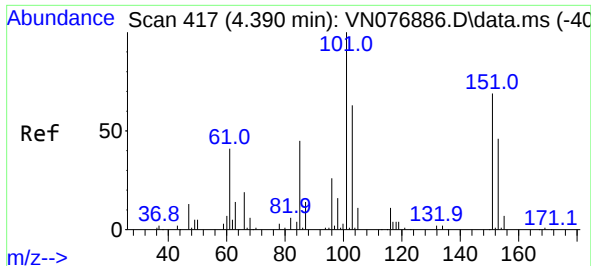
Tgt Ion:101 Resp: 879645  
Ion Ratio Lower Upper  
101 100  
103 63.4 50.2 75.2



#8  
Diethyl Ether  
Concen: 103.582 ug/l  
RT: 3.978 min Scan# 347  
Delta R.T. 0.006 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 74 Resp: 349005  
Ion Ratio Lower Upper  
74 100  
45 91.2 21.4 193.0

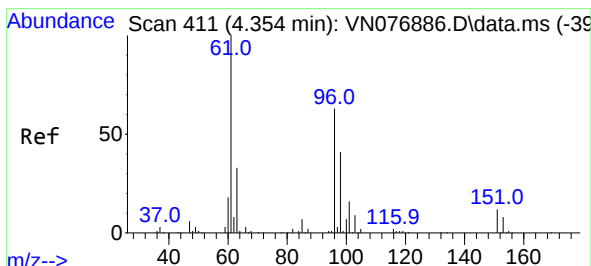
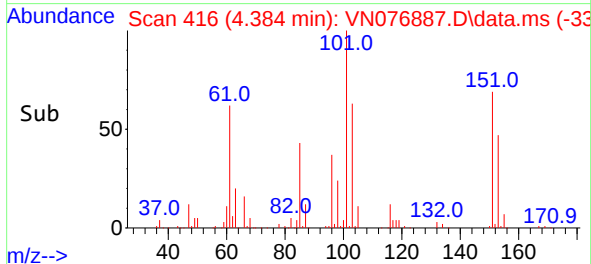
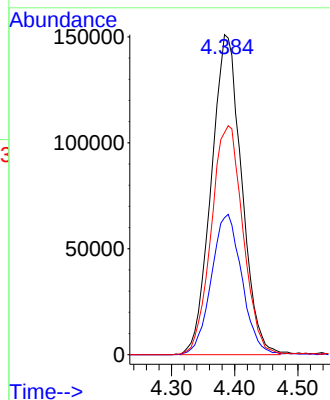
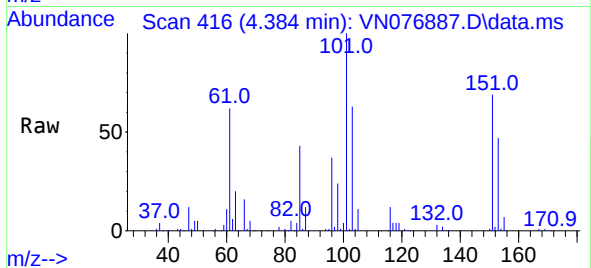




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 97.646 ug/l  
RT: 4.384 min Scan# 417  
Delta R.T. -0.006 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

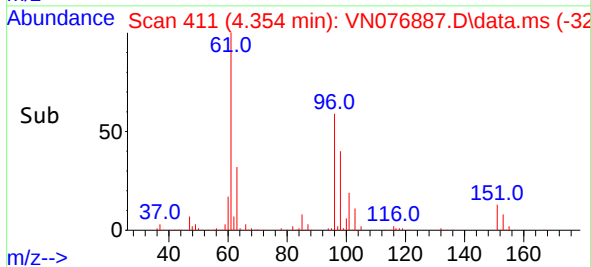
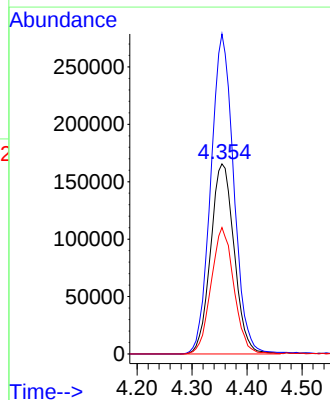
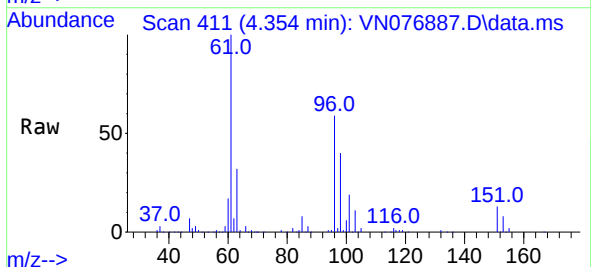
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

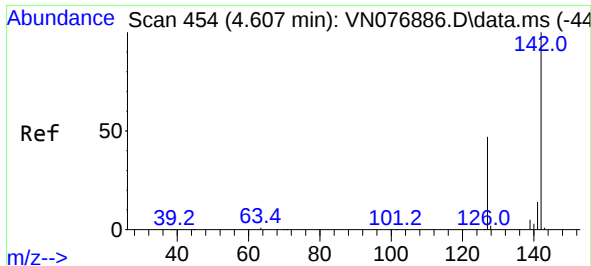
Tgt Ion:101 Resp: 503578  
Ion Ratio Lower Upper  
101 100  
85 44.2 0.0 95.2  
151 75.0 0.0 142.2



#10  
1,1-Dichloroethene  
Concen: 101.694 ug/l  
RT: 4.354 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 96 Resp: 494404  
Ion Ratio Lower Upper  
96 100  
61 168.3 137.1 205.7  
98 66.5 53.2 79.8

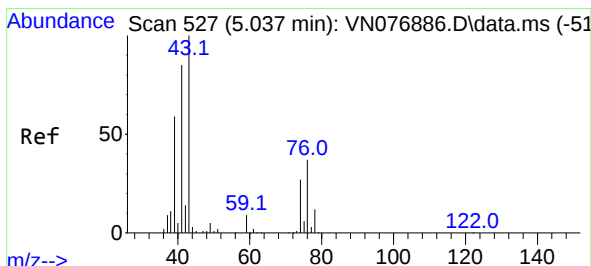
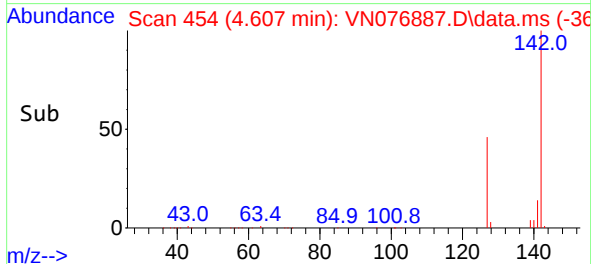
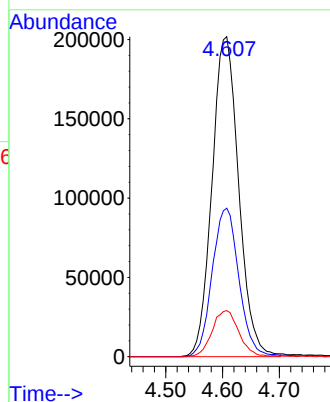
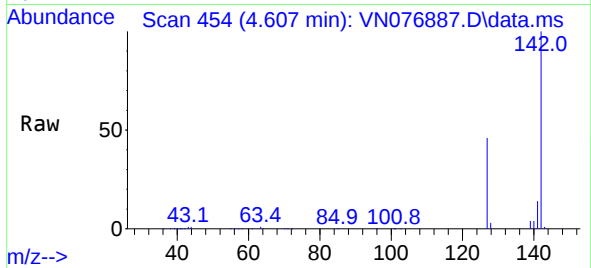




#11  
Methyl Iodide  
Concen: 112.212 ug/l  
RT: 4.607 min Scan# 454  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

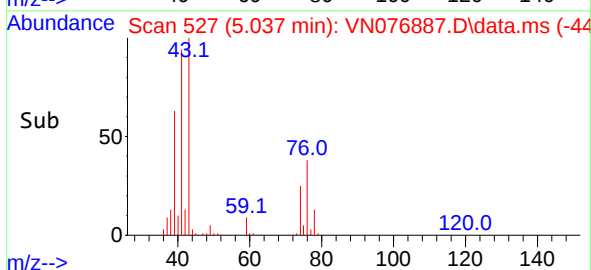
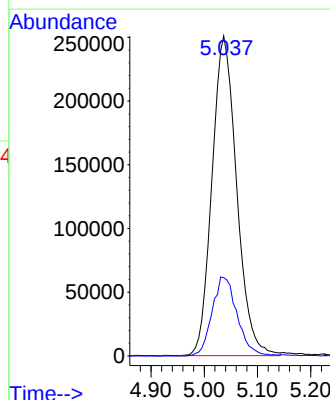
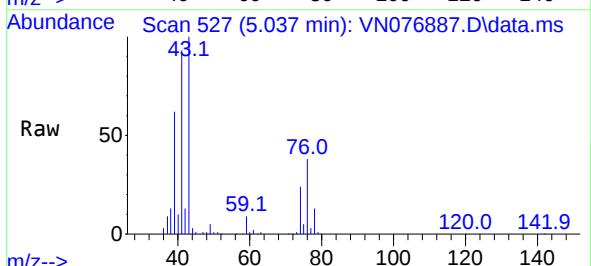
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

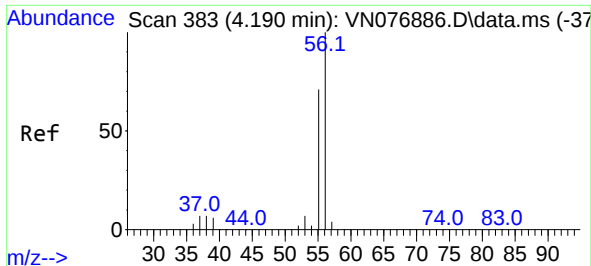
Tgt Ion:142 Resp: 658011  
Ion Ratio Lower Upper  
142 100  
127 46.4 25.0 75.0  
141 14.4 8.0 24.0



#12  
Methyl Acetate  
Concen: 84.850 ug/l  
RT: 5.037 min Scan# 527  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 43 Resp: 807277  
Ion Ratio Lower Upper  
43 100  
74 24.4 19.0 28.4

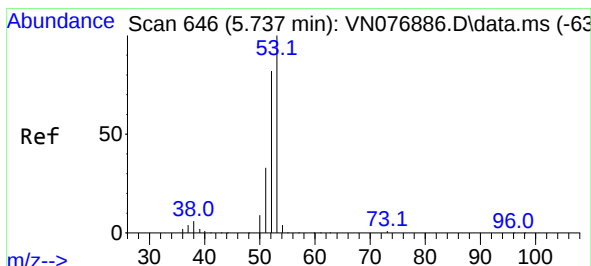
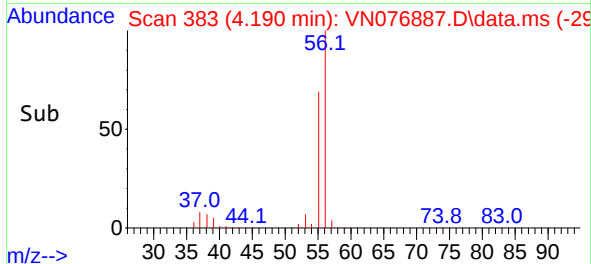
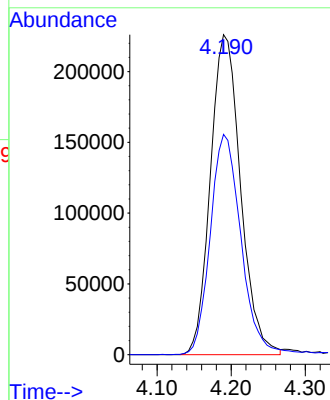
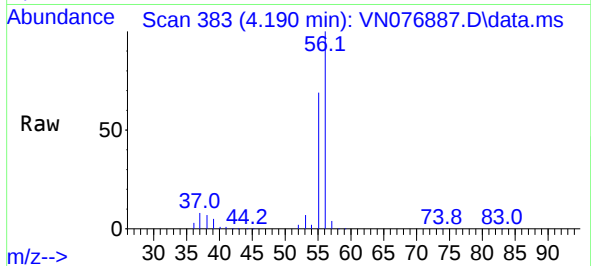




#13  
Acrolein  
Concen: 537.687 ug/l  
RT: 4.190 min Scan# 383  
Delta R.T. -0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

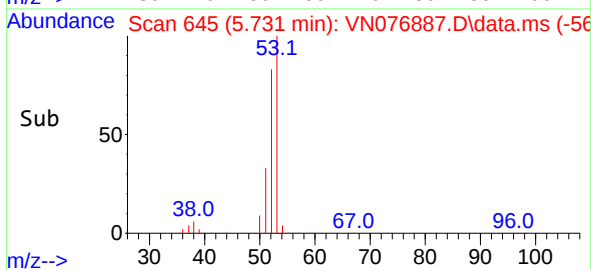
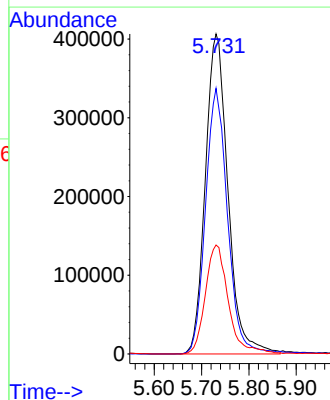
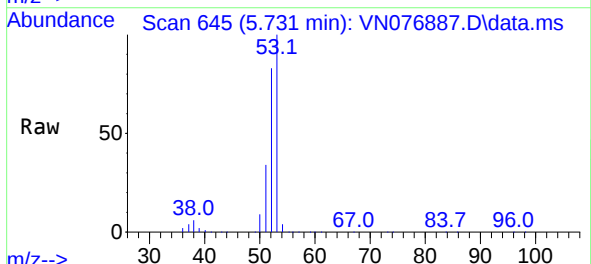
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

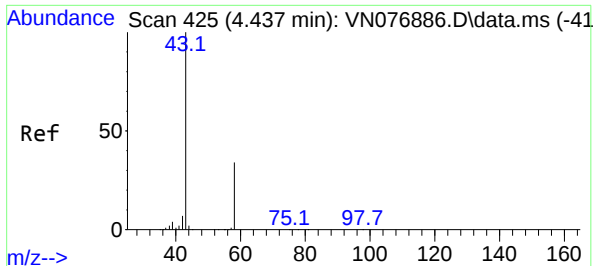
Tgt Ion: 56 Resp: 639649  
Ion Ratio Lower Upper  
56 100  
55 70.0 55.0 82.4



#14  
Acrylonitrile  
Concen: 456.645 ug/l  
RT: 5.731 min Scan# 645  
Delta R.T. -0.006 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 53 Resp: 1346748  
Ion Ratio Lower Upper  
53 100  
52 80.7 41.5 124.6  
51 33.5 17.6 52.8





#15

Acetone

Concen: 377.994 ug/l

RT: 4.443 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN076887.D

Acq: 08 Mar 2023 19:35

Instrument :

MSVOA\_N

ClientSampleId :

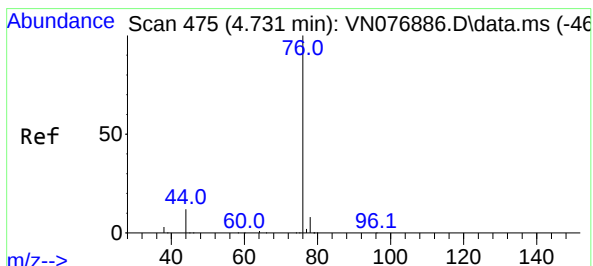
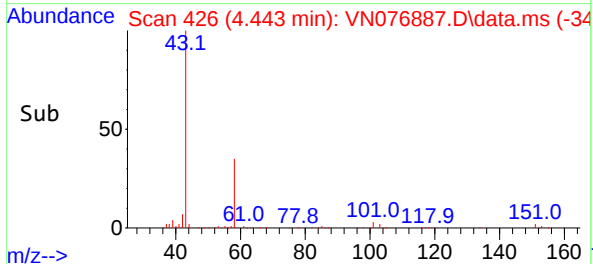
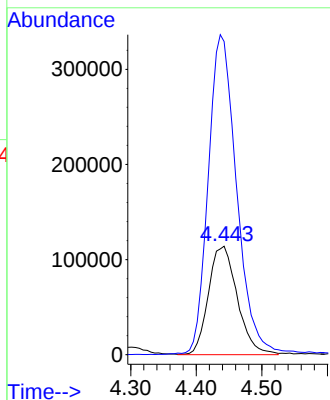
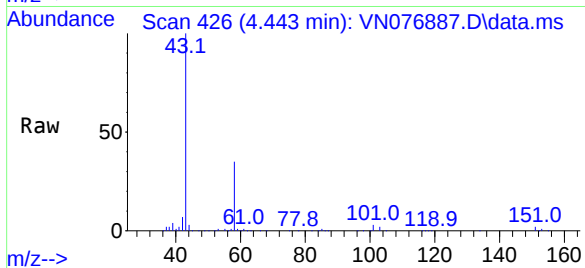
VSTDIC100

Tgt Ion: 58 Resp: 348798

Ion Ratio Lower Upper

58 100

43 288.0 255.4 383.0



#16

Carbon Disulfide

Concen: 102.476 ug/l

RT: 4.725 min Scan# 474

Delta R.T. -0.006 min

Lab File: VN076887.D

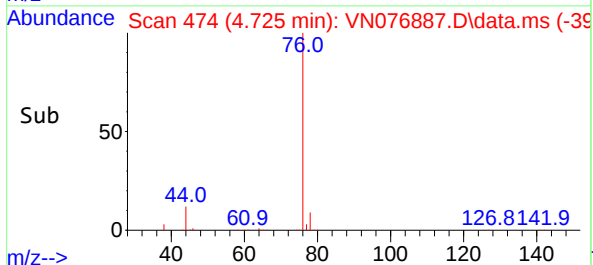
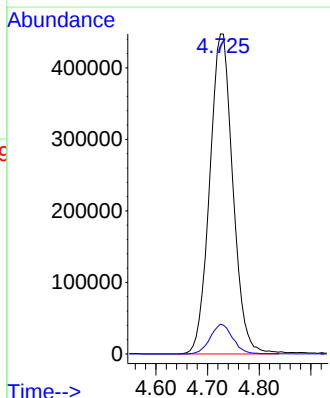
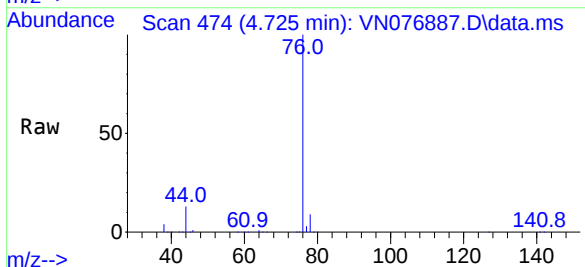
Acq: 08 Mar 2023 19:35

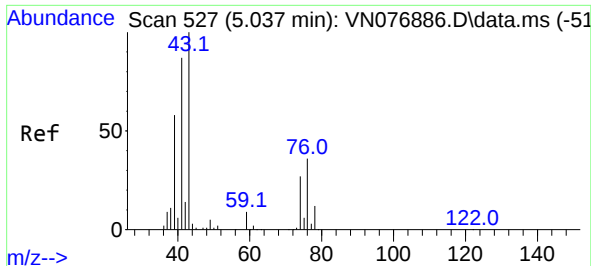
Tgt Ion: 76 Resp: 1392835

Ion Ratio Lower Upper

76 100

78 9.3 6.6 9.8



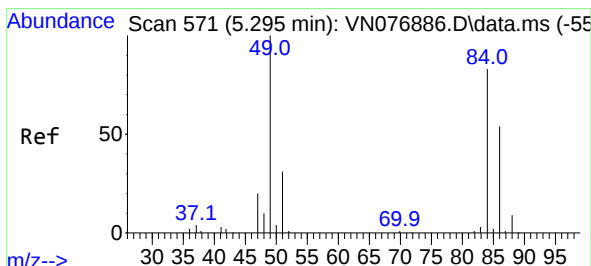
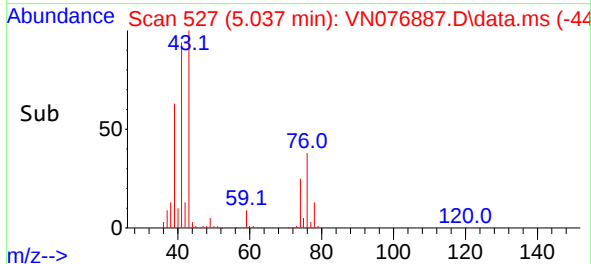
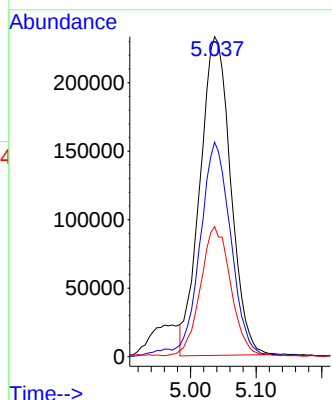
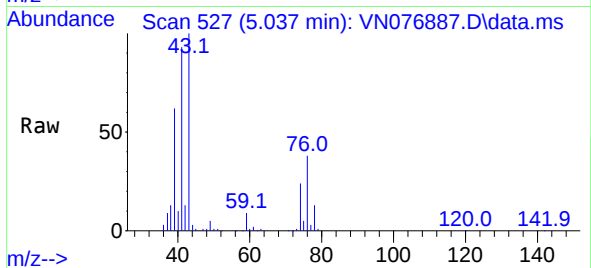


#17  
 Allyl chloride  
 Concen: 90.044 ug/l  
 RT: 5.037 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: VN076887.D  
 Acq: 08 Mar 2023 19:35

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

Tgt Ion: 41 Resp: 755327

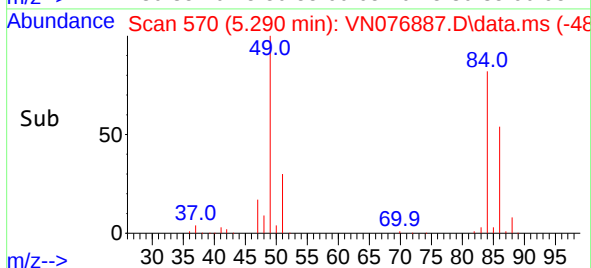
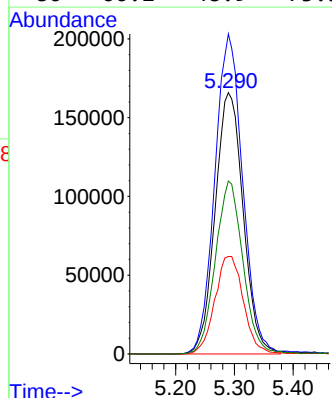
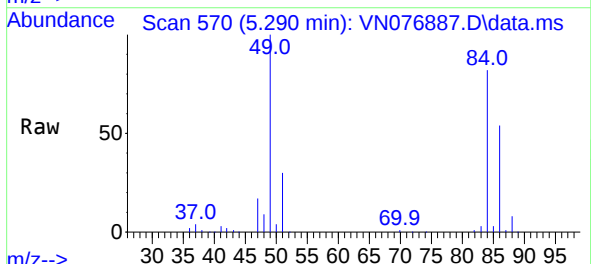
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 67.0  | 34.8  | 104.3 |
| 76  | 40.6  | 17.5  | 52.5  |

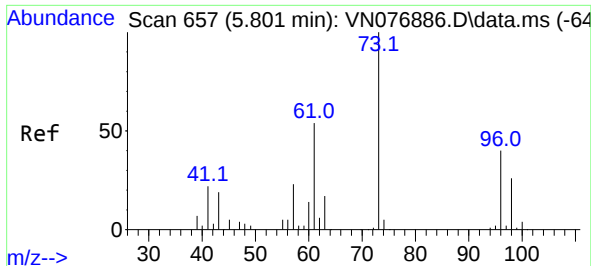


#18  
 Methylene Chloride  
 Concen: 91.300 ug/l  
 RT: 5.290 min Scan# 570  
 Delta R.T. -0.006 min  
 Lab File: VN076887.D  
 Acq: 08 Mar 2023 19:35

Tgt Ion: 84 Resp: 550975

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 122.3 | 113.8 | 170.6 |
| 51  | 37.3  | 34.2  | 51.4  |
| 86  | 66.2  | 48.9  | 73.3  |

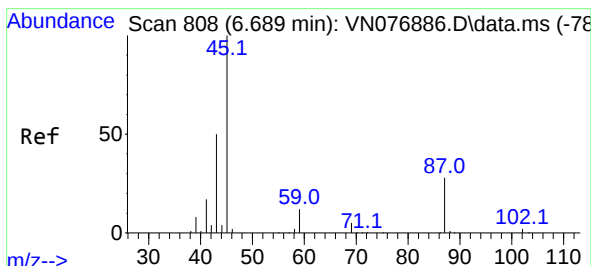
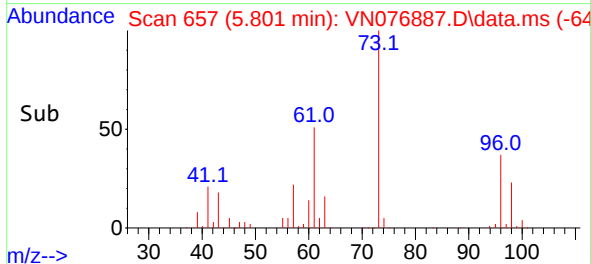
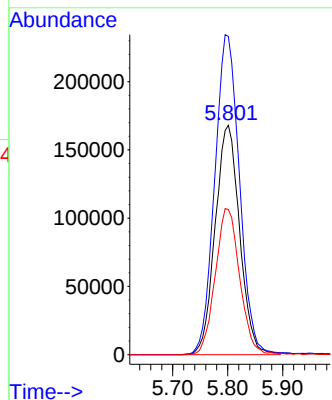
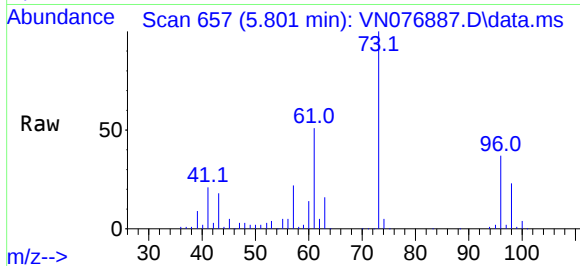




#19  
trans-1,2-Dichloroethene  
Concen: 96.793 ug/l  
RT: 5.801 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

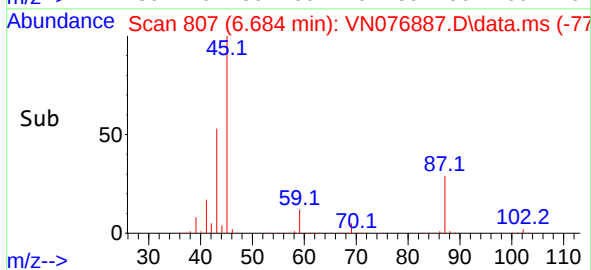
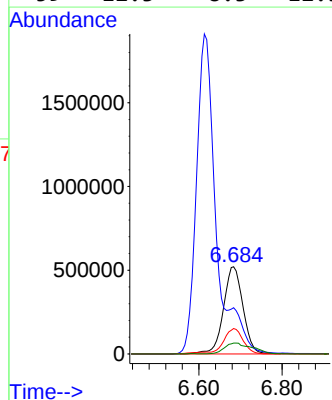
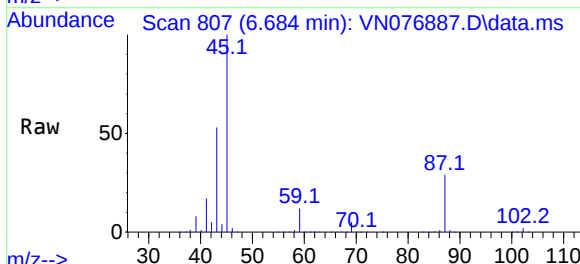
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

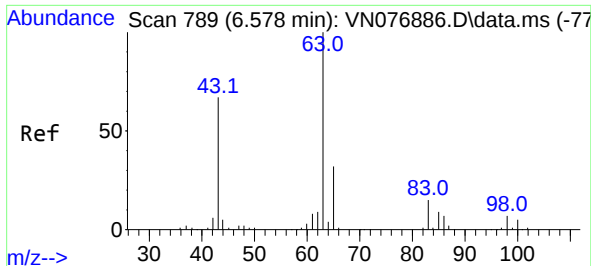
Tgt Ion: 96 Resp: 519841  
Ion Ratio Lower Upper  
96 100  
61 138.6 111.0 166.4  
98 63.2 55.0 82.6



#20  
Diisopropyl ether  
Concen: 86.198 ug/l  
RT: 6.684 min Scan# 807  
Delta R.T. -0.006 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 45 Resp: 1696768  
Ion Ratio Lower Upper  
45 100  
43 52.1 38.6 58.0  
87 29.0 20.1 30.1  
59 12.3 8.3 12.5

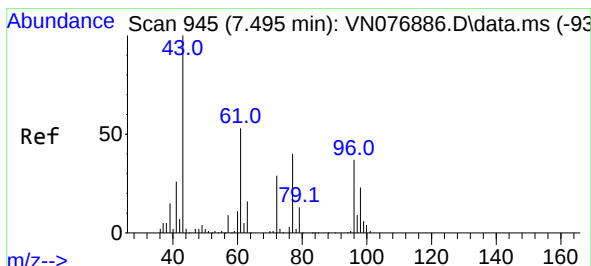
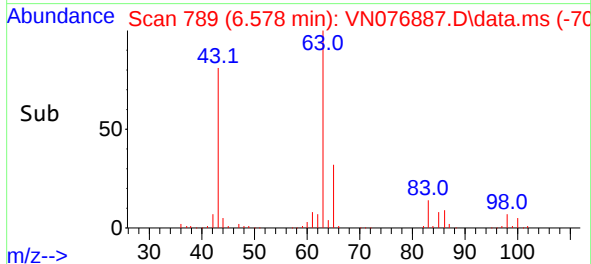
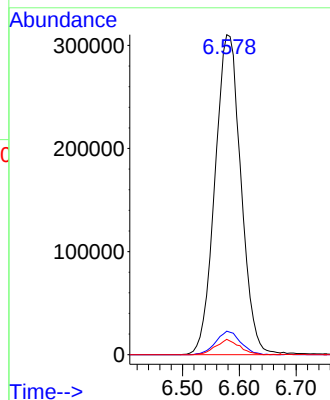
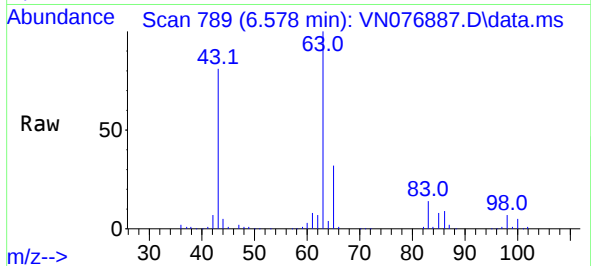




#21  
1,1-Dichloroethane  
Concen: 93.756 ug/l  
RT: 6.578 min Scan# 789  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

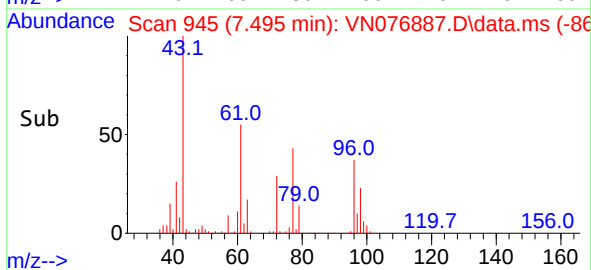
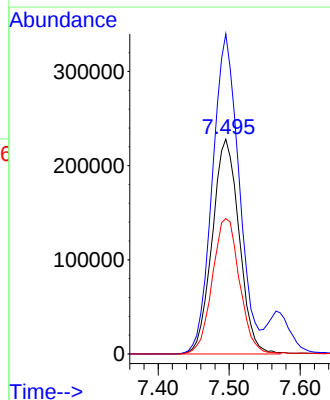
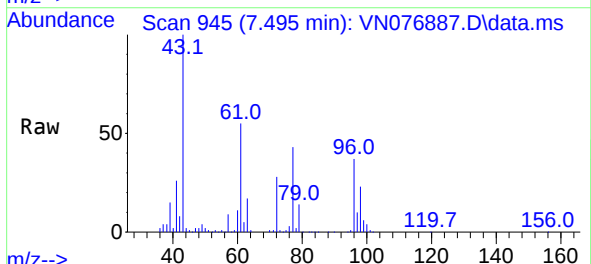
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

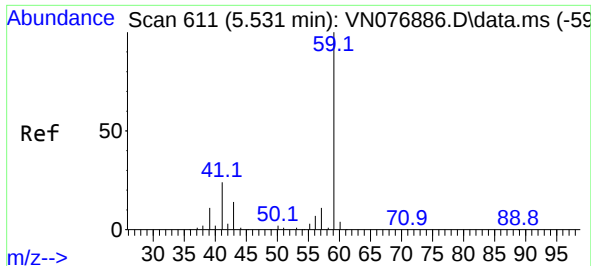
Tgt Ion: 63 Resp: 985356  
Ion Ratio Lower Upper  
63 100  
98 7.3 3.6 10.9  
100 4.8 2.6 7.8



#22  
cis-1,2-Dichloroethene  
Concen: 98.190 ug/l  
RT: 7.495 min Scan# 945  
Delta R.T. -0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 96 Resp: 600398  
Ion Ratio Lower Upper  
96 100  
61 146.9 121.0 181.4  
98 63.8 50.1 75.1

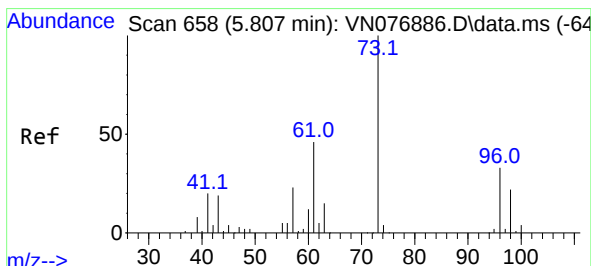
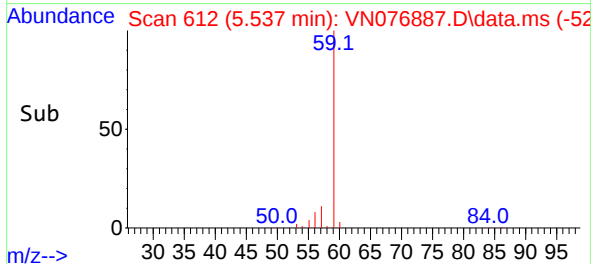
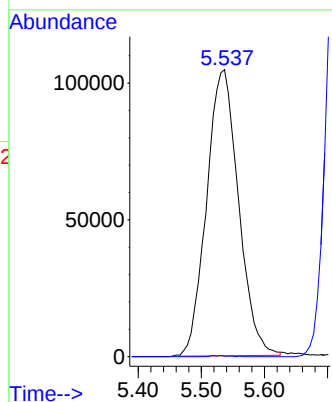
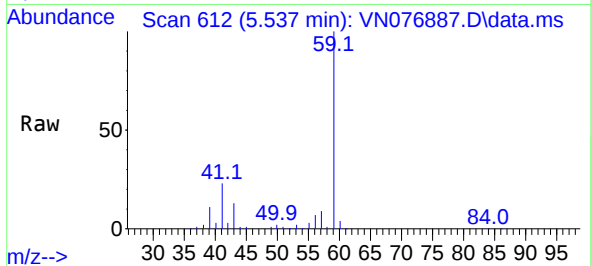




#23  
tert-Butyl Alcohol  
Concen: 433.910 ug/l  
RT: 5.537 min Scan# 611  
Delta R.T. 0.006 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

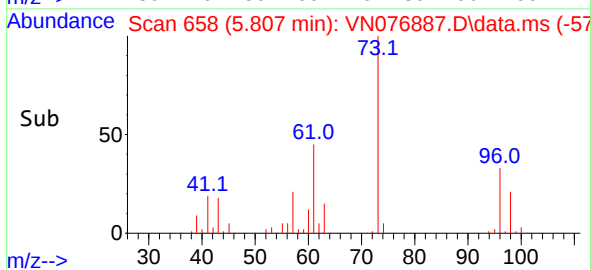
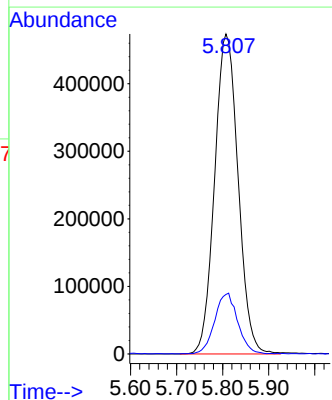
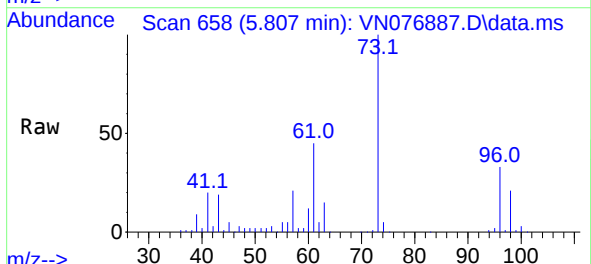
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

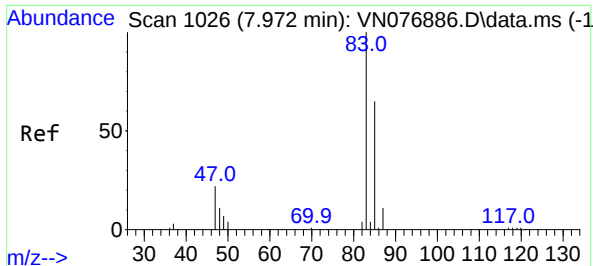
Tgt Ion: 59 Resp: 367670  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.2 0.2#



#24  
Methyl tert-Butyl Ether  
Concen: 100.774 ug/l  
RT: 5.807 min Scan# 658  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 73 Resp: 1674145  
Ion Ratio Lower Upper  
73 100  
43 18.6 17.8 26.6





#25

Chloroform

Concen: 96.028 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN076887.D

Acq: 08 Mar 2023 19:35

Instrument :

MSVOA\_N

ClientSampleId :

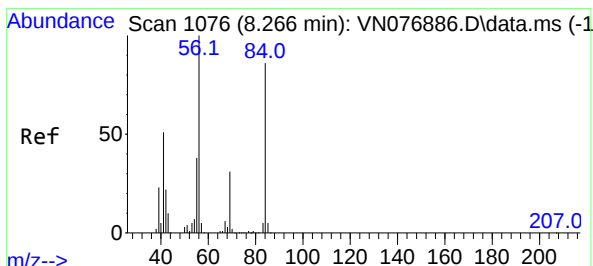
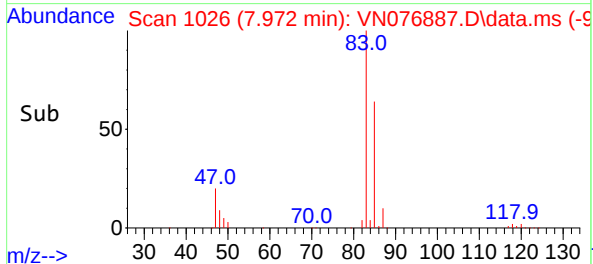
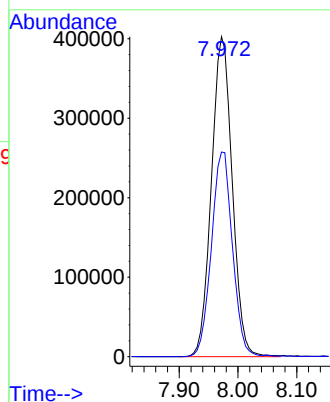
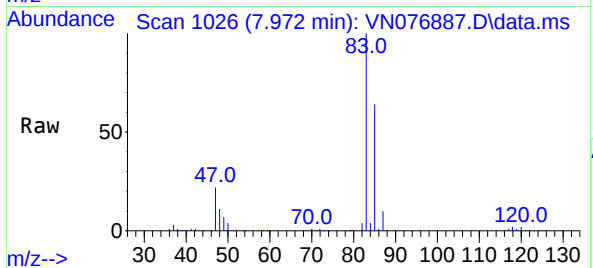
VSTDIC100

Tgt Ion: 83 Resp: 989826

Ion Ratio Lower Upper

83 100

85 63.9 51.8 77.6



#26

Cyclohexane

Concen: 95.970 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VN076887.D

Acq: 08 Mar 2023 19:35

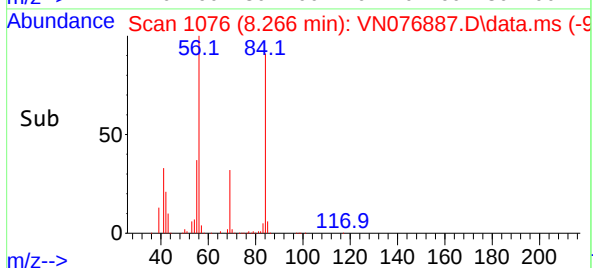
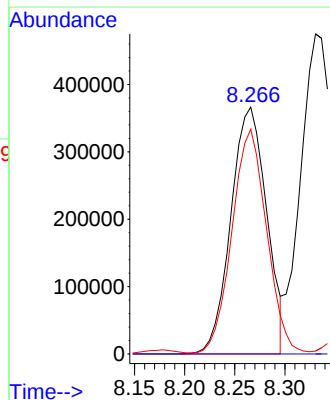
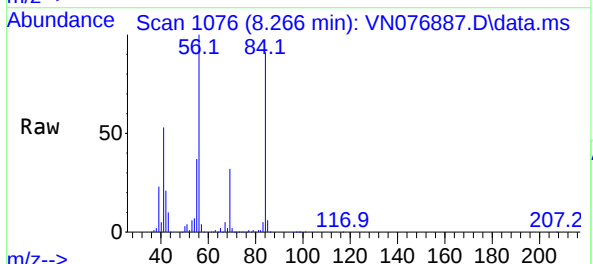
Tgt Ion: 56 Resp: 908071

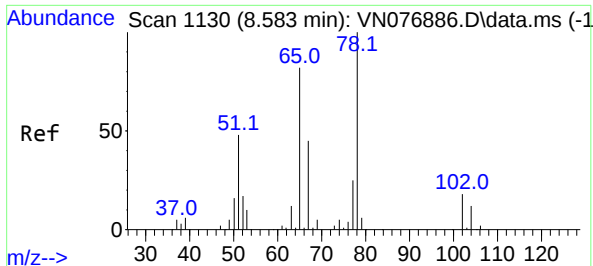
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 88.7 65.3 97.9

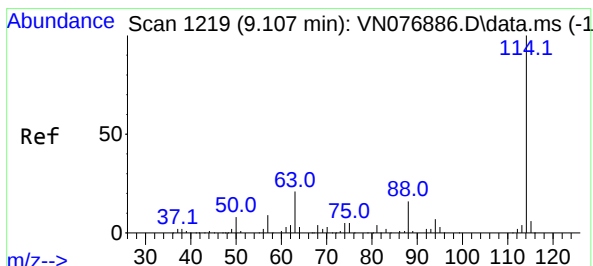
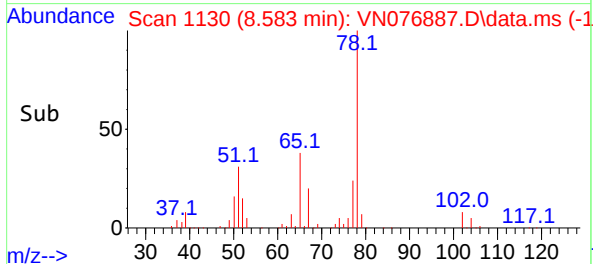
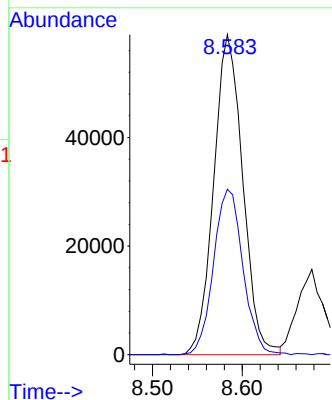
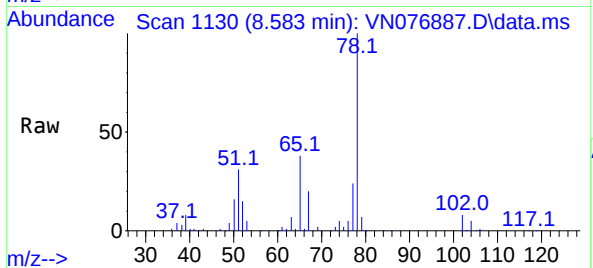




#27  
1,2-Dichloroethane-d4  
Concen: 30.118 ug/l  
RT: 8.583 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

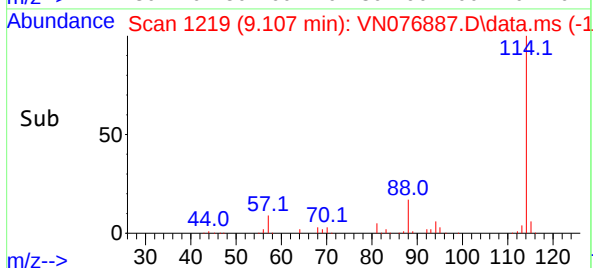
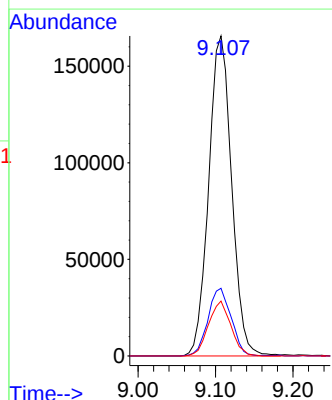
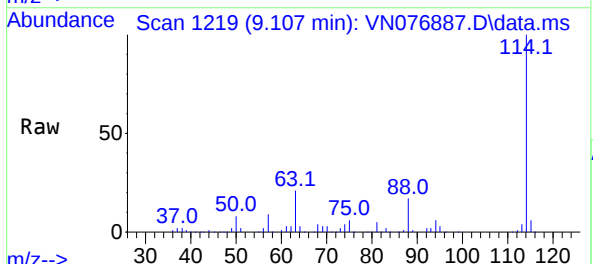
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

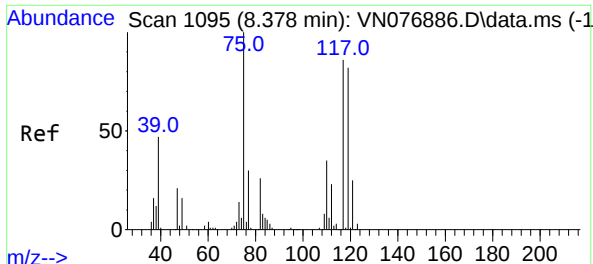
Tgt Ion: 65 Resp: 132674  
Ion Ratio Lower Upper  
65 100  
67 52.2 40.9 61.3



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 9.107 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 114 Resp: 341412  
Ion Ratio Lower Upper  
114 100  
63 21.3 17.0 25.4  
88 16.7 11.6 17.4

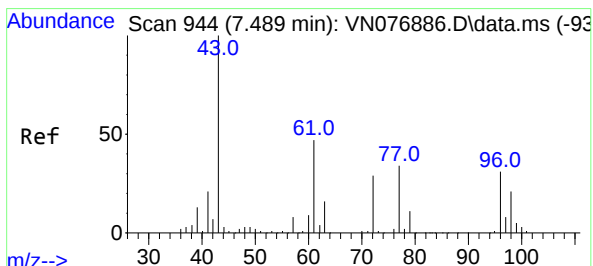
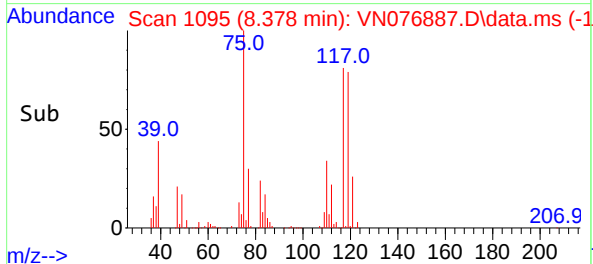
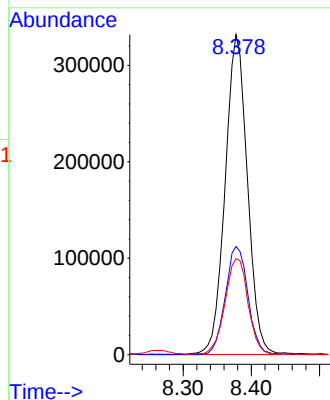
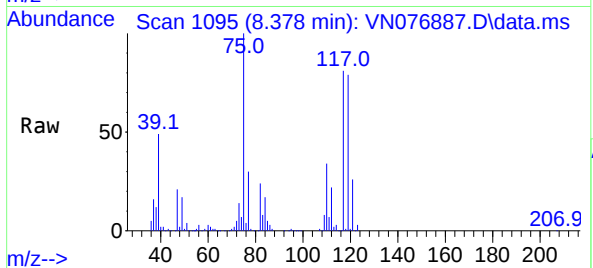




#29  
1,1-Dichloropropene  
Concen: 96.531 ug/l  
RT: 8.378 min Scan# 1095  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

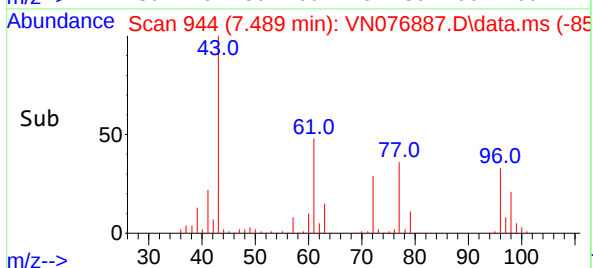
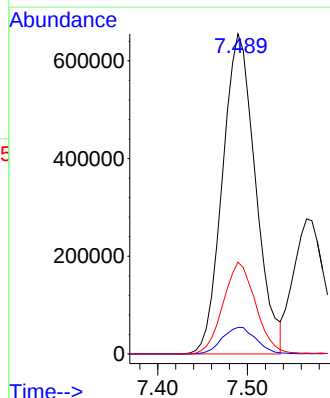
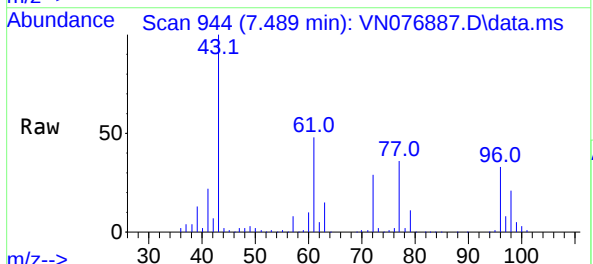
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

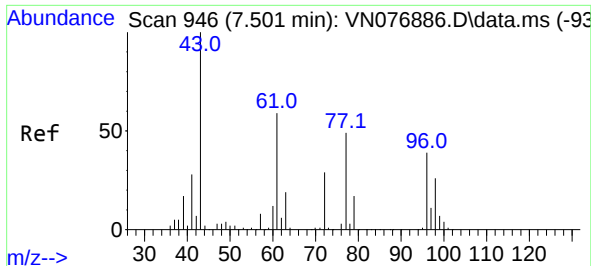
Tgt Ion: 75 Resp: 752691  
Ion Ratio Lower Upper  
75 100  
110 34.4 0.0 67.2  
77 30.7 0.0 64.4



#30  
2-Butanone  
Concen: 386.307 ug/l  
RT: 7.489 min Scan# 944  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 43 Resp: 1674567  
Ion Ratio Lower Upper  
43 100  
57 8.6 6.1 9.1  
72 28.3 20.2 30.4





#31

2,2-Dichloropropane

Concen: 94.948 ug/l

RT: 7.501 min Scan# 94

Delta R.T. -0.000 min

Lab File: VN076887.D

Acq: 08 Mar 2023 19:35

Instrument :

MSVOA\_N

ClientSampleId :

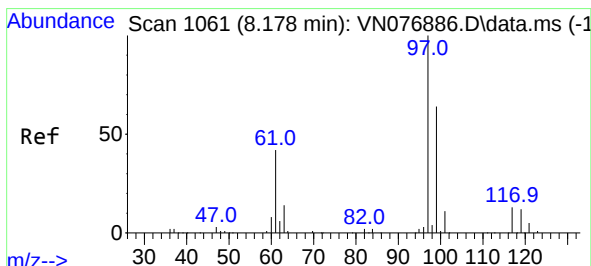
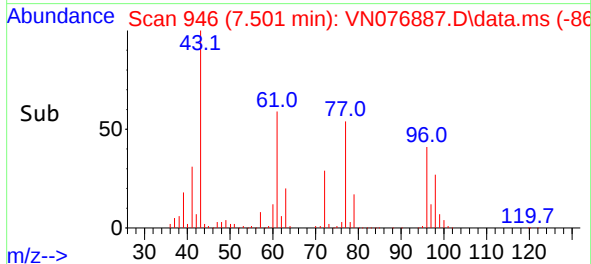
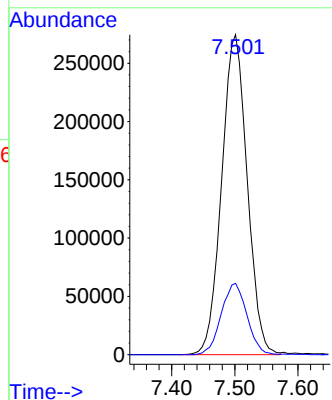
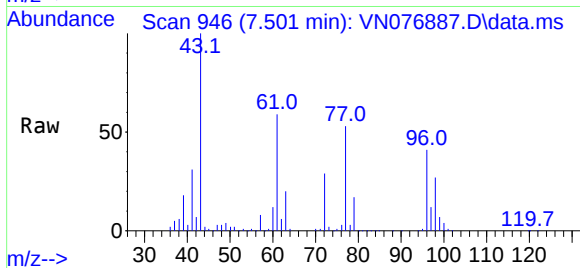
VSTDICC100

Tgt Ion: 77 Resp: 771029

Ion Ratio Lower Upper

77 100

97 22.4 7.2 10.8#



#32

1,1,1-Trichloroethane

Concen: 97.157 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VN076887.D

Acq: 08 Mar 2023 19:35

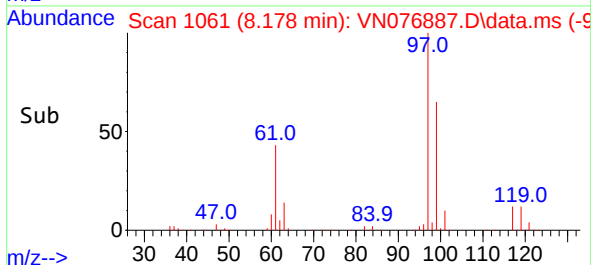
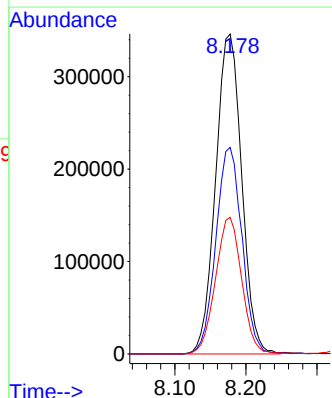
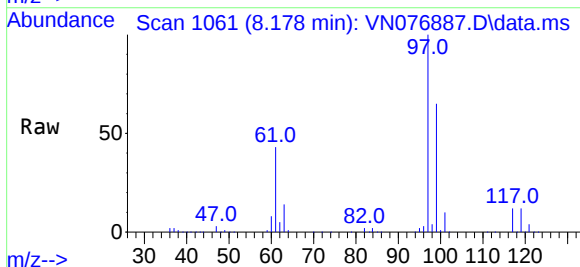
Tgt Ion: 97 Resp: 883559

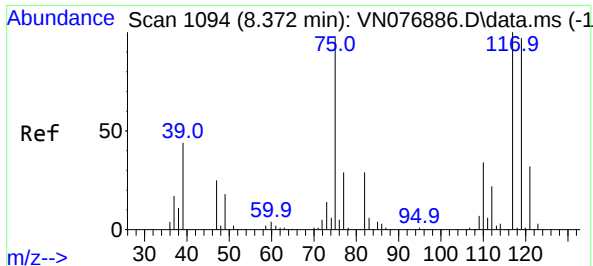
Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.8

61 42.8 39.3 58.9

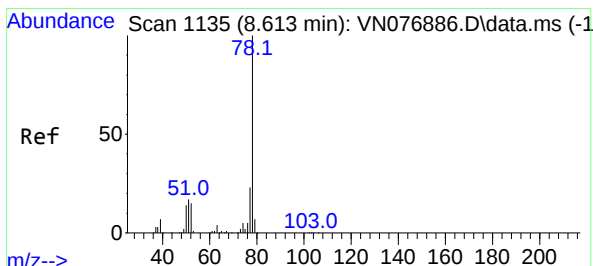
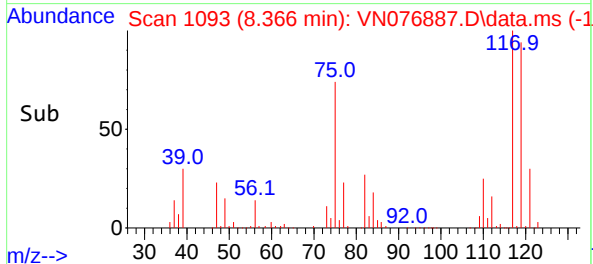
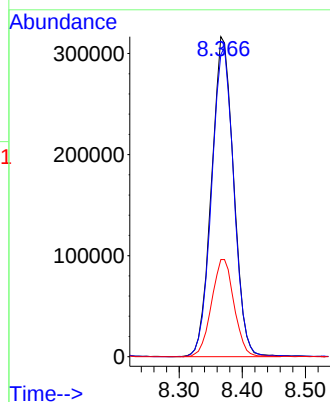
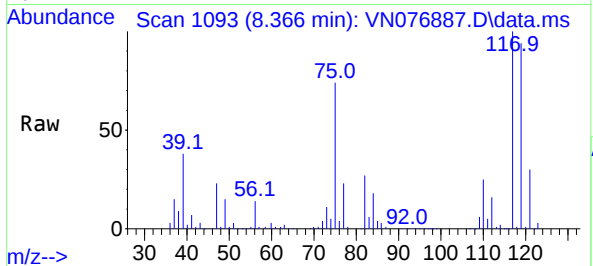




#33  
Carbon Tetrachloride  
Concen: 97.508 ug/l  
RT: 8.366 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

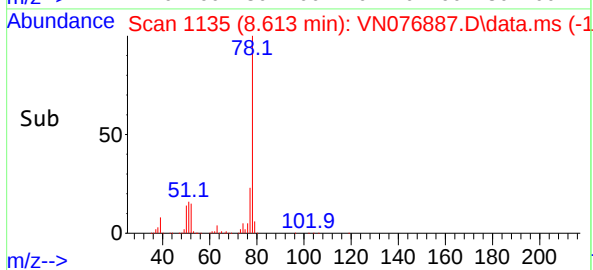
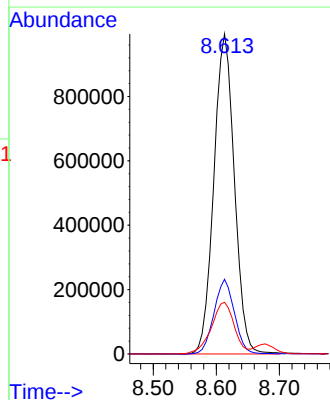
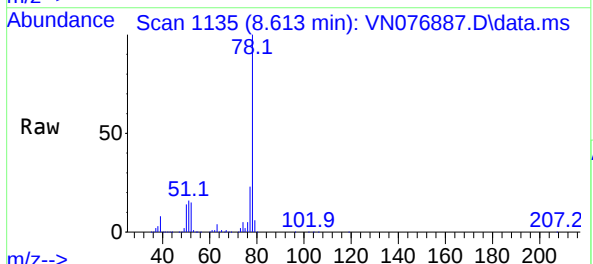
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

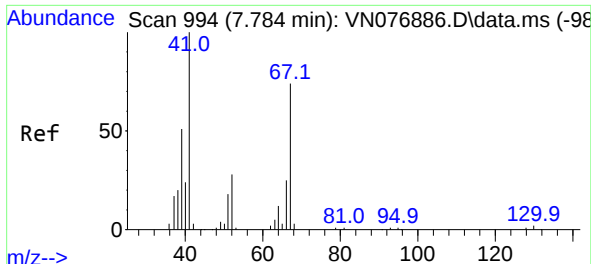
Tgt Ion:117 Resp: 770687  
Ion Ratio Lower Upper  
117 100  
119 94.3 79.8 119.8  
121 30.3 23.4 35.0



#34  
Benzene  
Concen: 90.626 ug/l  
RT: 8.613 min Scan# 1135  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 78 Resp: 2247751  
Ion Ratio Lower Upper  
78 100  
77 23.3 17.4 26.2  
51 16.1 13.8 20.6



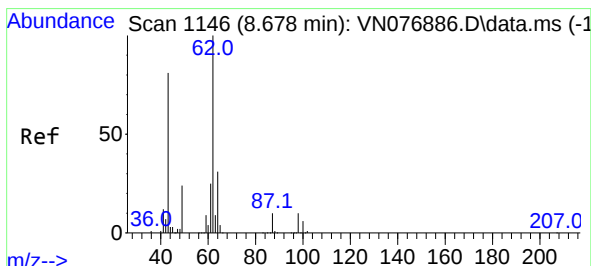
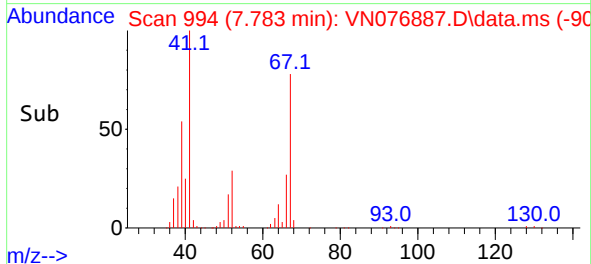
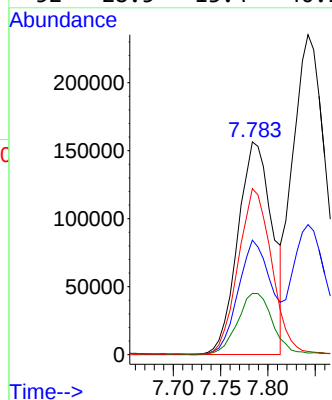
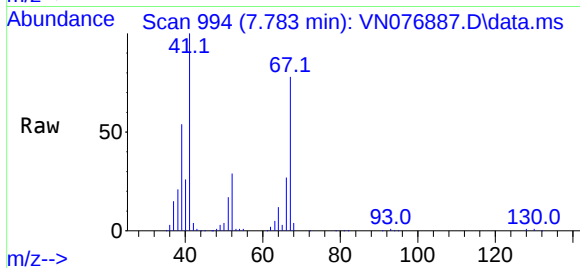


#35  
Methacrylonitrile  
Concen: 82.199 ug/l  
RT: 7.783 min Scan# 994  
Delta R.T. -0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion: 41 Resp: 395456

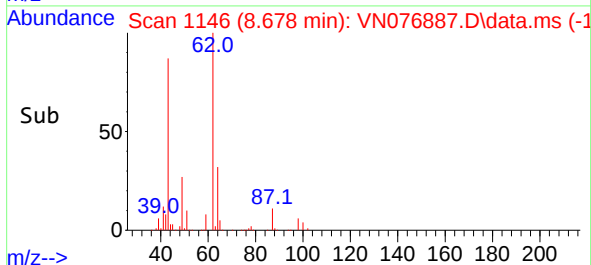
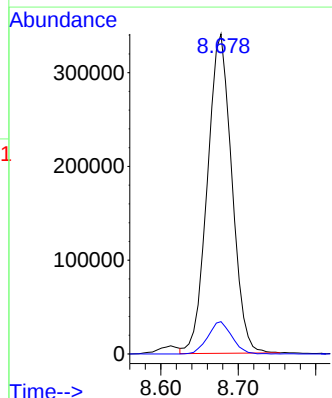
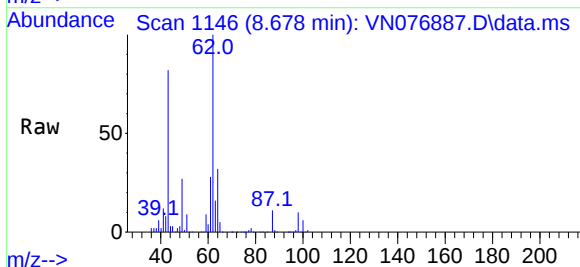
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 53.6  | 26.6  | 79.7  |
| 67  | 78.1  | 32.3  | 96.9  |
| 52  | 28.5  | 13.4  | 40.1  |

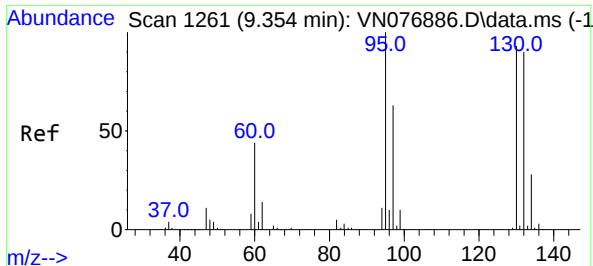


#36  
1,2-Dichloroethane  
Concen: 89.782 ug/l  
RT: 8.678 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 62 Resp: 745703

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

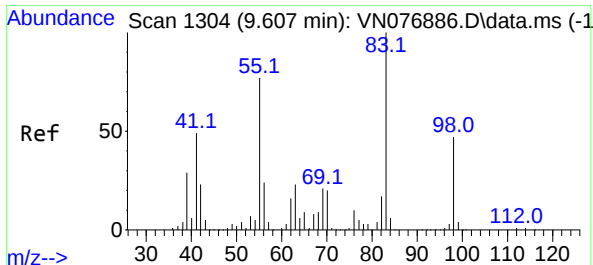
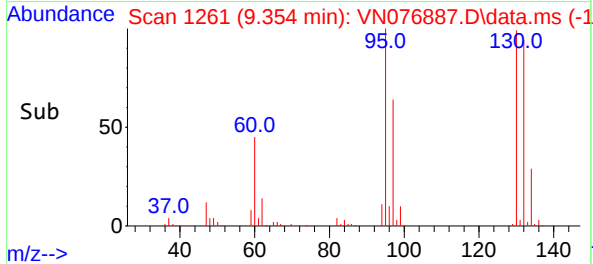
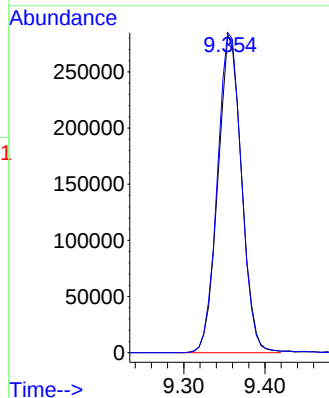
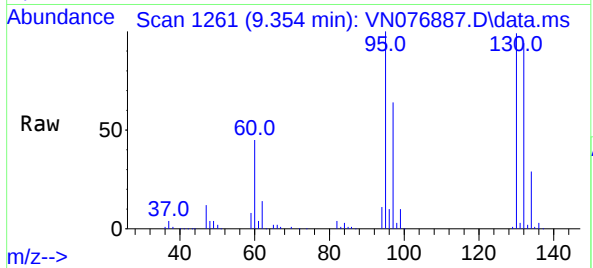




#37  
Trichloroethene  
Concen: 98.430 ug/l  
RT: 9.354 min Scan# 1261  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

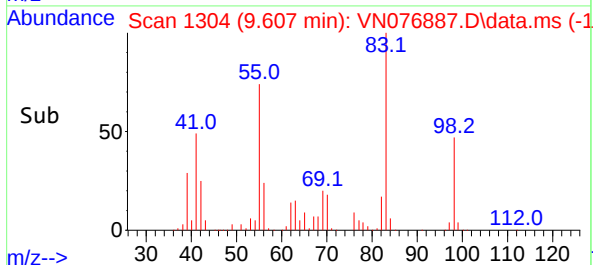
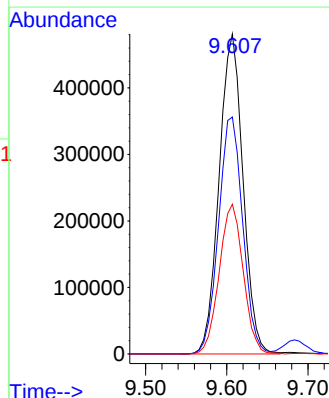
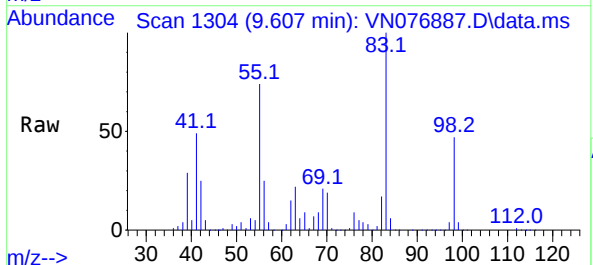
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

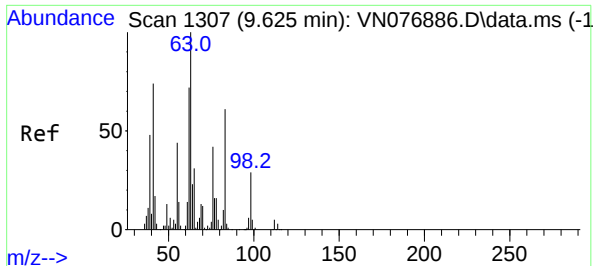
Tgt Ion:130 Resp: 573579  
Ion Ratio Lower Upper  
130 100  
95 100.7 78.7 118.1



#38  
Methylcyclohexane  
Concen: 99.515 ug/l  
RT: 9.607 min Scan# 1304  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 83 Resp: 983958  
Ion Ratio Lower Upper  
83 100  
55 75.1 37.6 112.9  
98 47.0 24.1 72.4

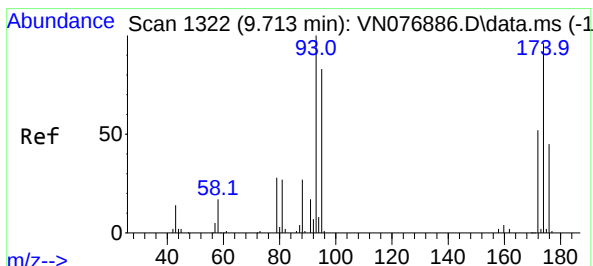
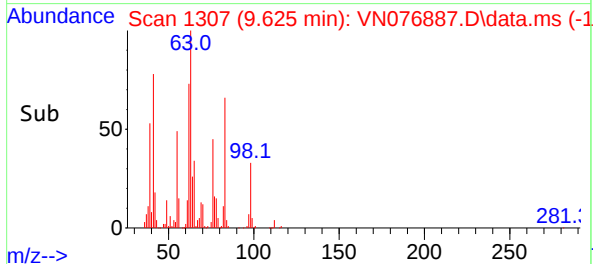
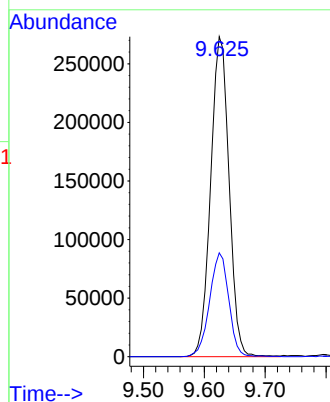
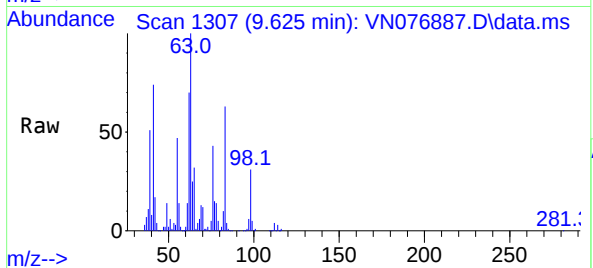




#39  
1,2-Dichloropropane  
Concen: 89.214 ug/l  
RT: 9.625 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

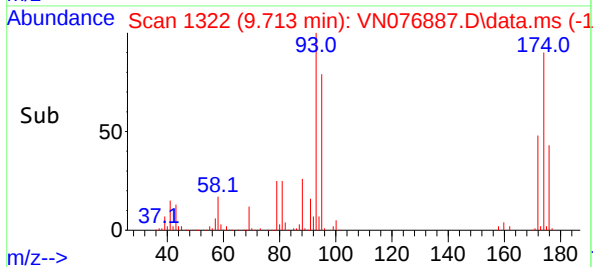
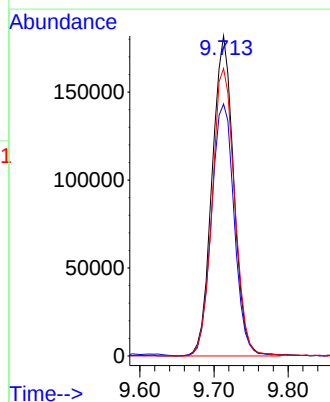
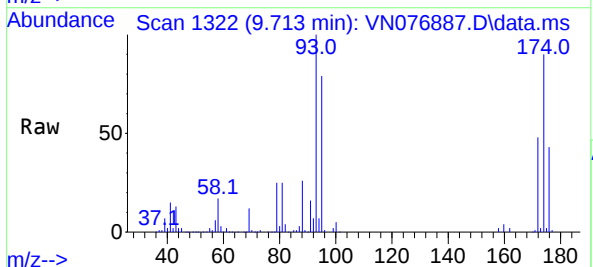
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

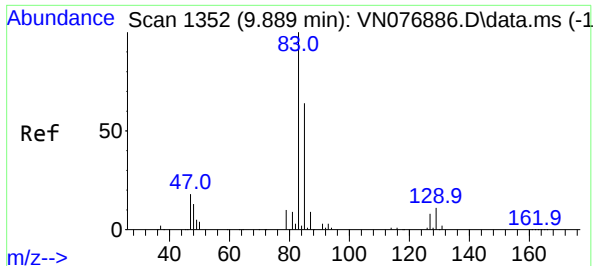
Tgt Ion: 63 Resp: 573204  
Ion Ratio Lower Upper  
63 100  
65 32.5 27.2 40.8



#40  
Dibromomethane  
Concen: 90.176 ug/l  
RT: 9.713 min Scan# 1322  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 93 Resp: 369178  
Ion Ratio Lower Upper  
93 100  
95 82.7 0.0 158.0  
174 92.9 0.0 171.2

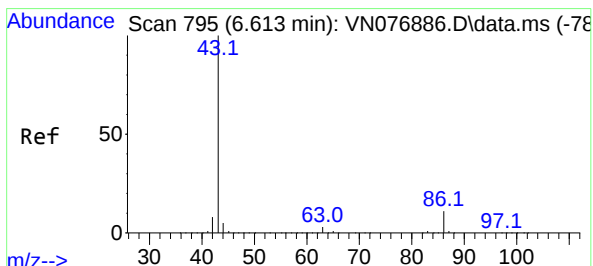
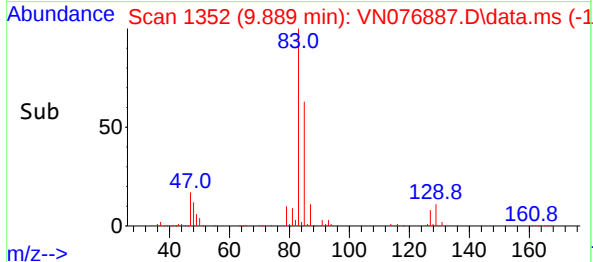
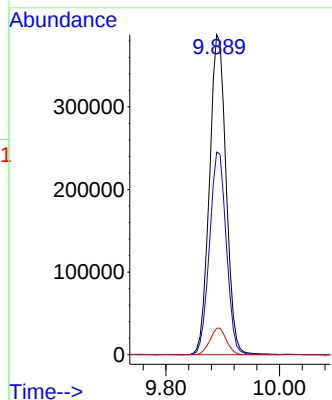
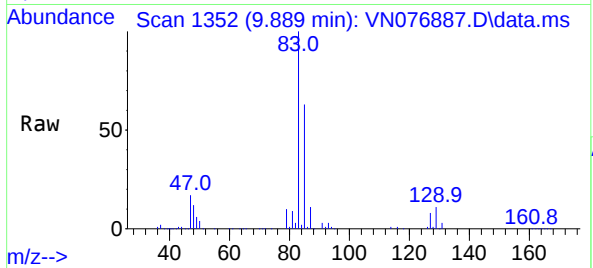




#41  
Bromodichloromethane  
Concen: 95.371 ug/l  
RT: 9.889 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

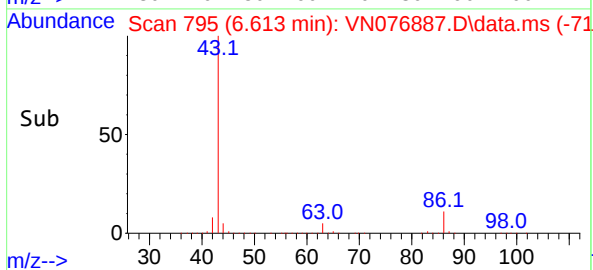
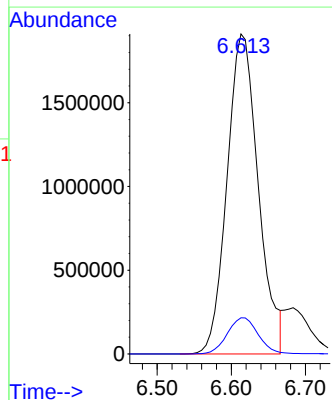
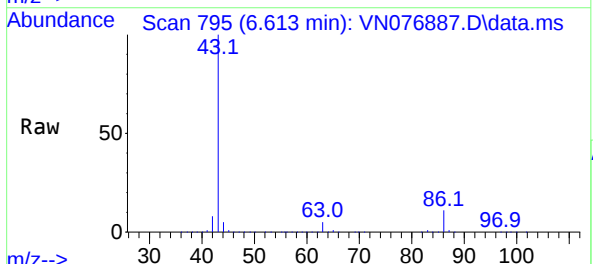
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

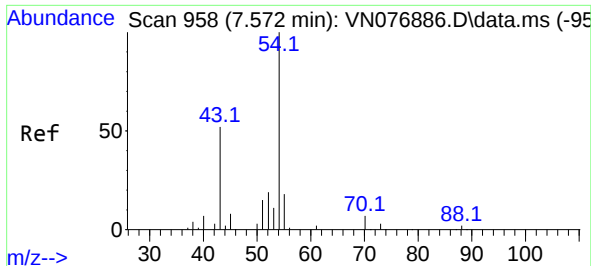
Tgt Ion: 83 Resp: 785801  
Ion Ratio Lower Upper  
83 100  
85 63.3 51.0 76.4  
127 8.3 6.2 9.2



#42  
Vinyl Acetate  
Concen: 436.676 ug/l  
RT: 6.613 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 43 Resp: 5596019  
Ion Ratio Lower Upper  
43 100  
86 11.2 7.8 11.6

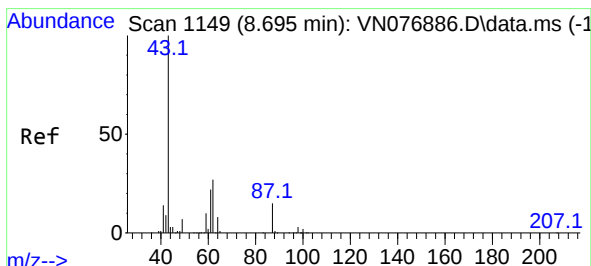
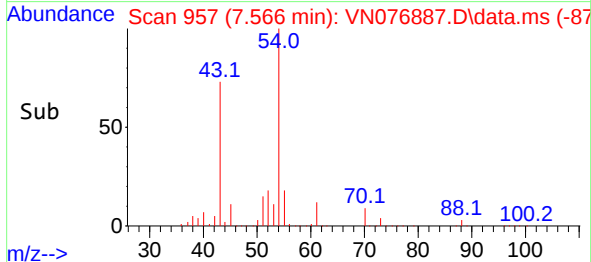
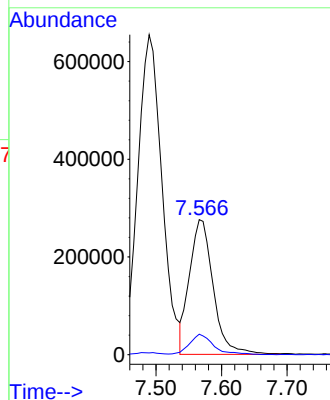
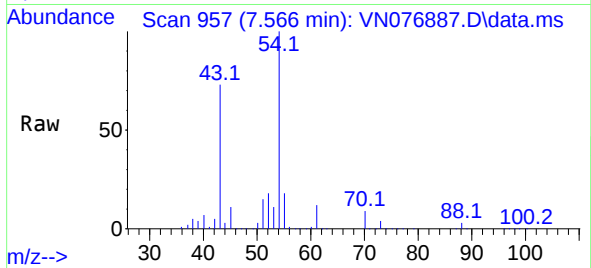




#43  
Ethyl Acetate  
Concen: 83.064 ug/l  
RT: 7.566 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

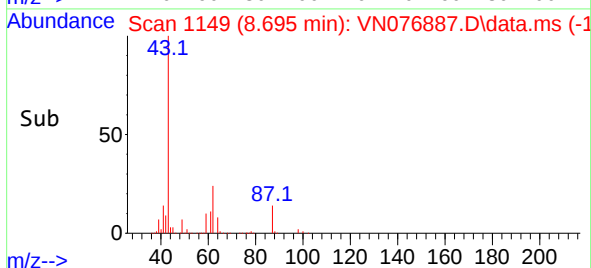
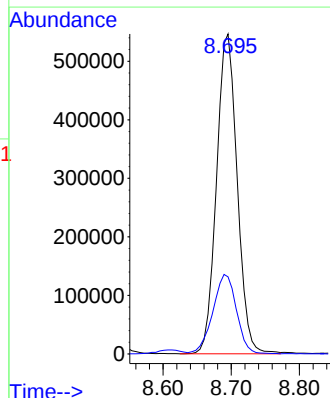
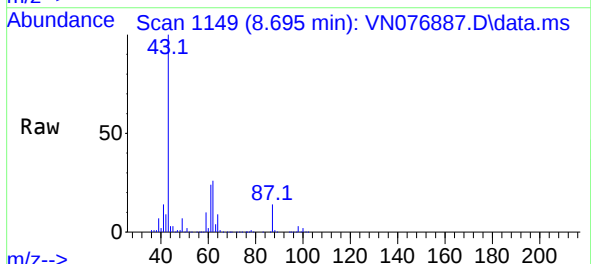
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

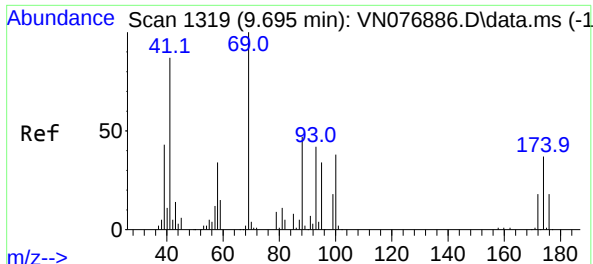
Tgt Ion: 43 Resp: 694092  
Ion Ratio Lower Upper  
43 100  
45 15.5 11.2 16.8



#44  
Isopropyl Acetate  
Concen: 83.432 ug/l  
RT: 8.695 min Scan# 1149  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 43 Resp: 1154034  
Ion Ratio Lower Upper  
43 100  
61 28.5 19.5 29.3

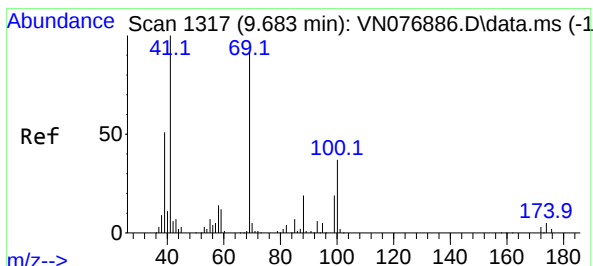
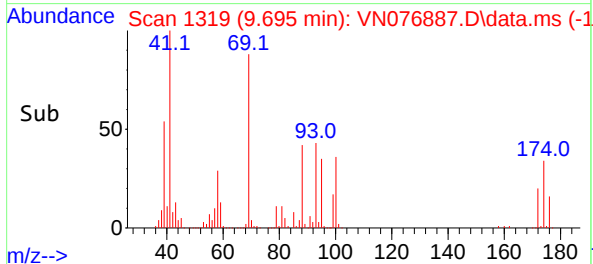
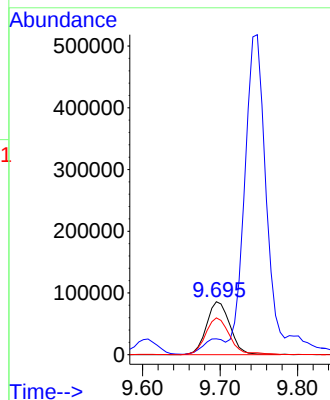
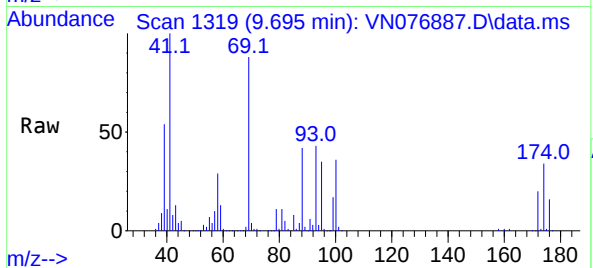




#45  
1,4-Dioxane  
Concen: 1555.490 ug/l  
RT: 9.695 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

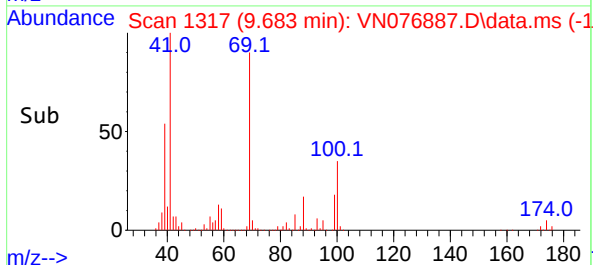
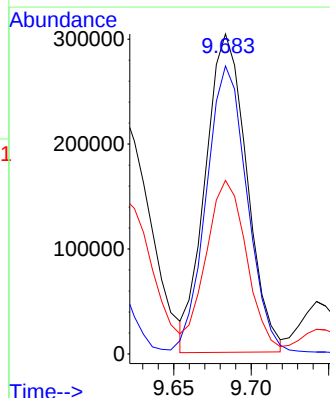
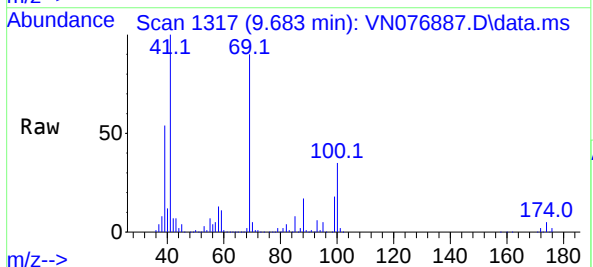
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

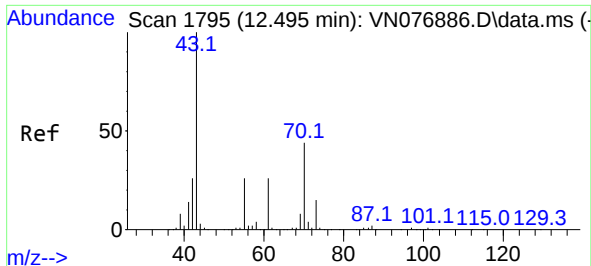
Tgt Ion: 88 Resp: 180746  
Ion Ratio Lower Upper  
88 100  
43 27.1 26.0 39.0  
58 69.3 54.3 81.5



#46  
Methyl methacrylate  
Concen: 88.469 ug/l  
RT: 9.683 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 41 Resp: 564135  
Ion Ratio Lower Upper  
41 100  
69 91.4 40.6 121.7  
39 54.4 30.5 91.5

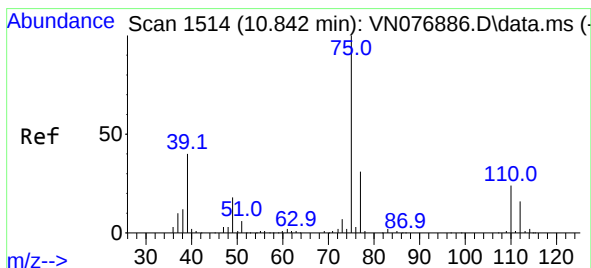
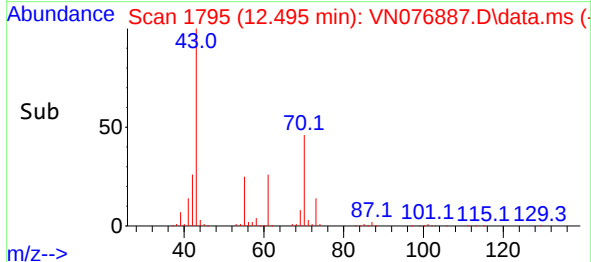
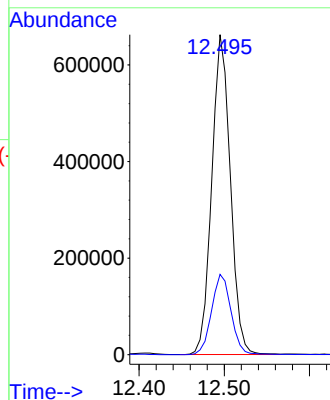
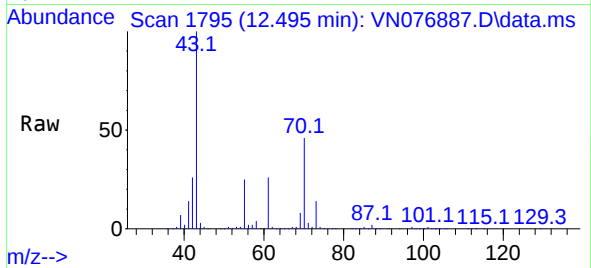




#47  
n-amy1 Acetate  
Concen: 83.836 ug/l  
RT: 12.495 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

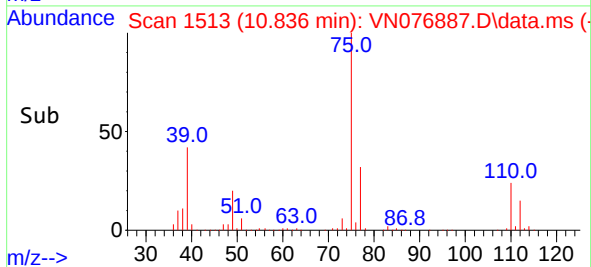
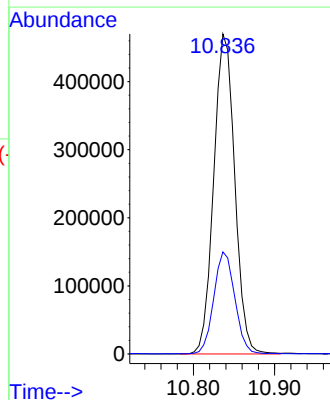
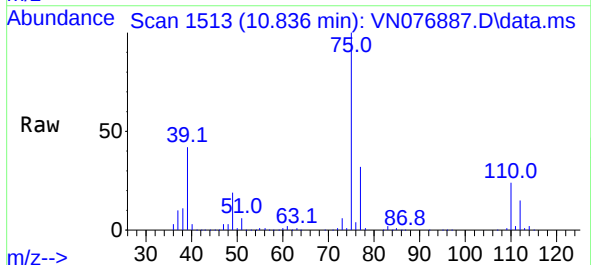
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

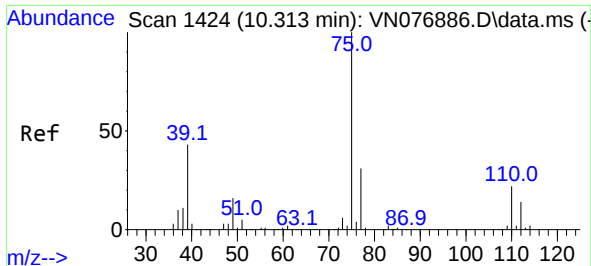
Tgt Ion: 43 Resp: 1003076  
Ion Ratio Lower Upper  
43 100  
55 26.3 18.3 27.5



#48  
t-1,3-Dichloropropene  
Concen: 101.806 ug/l  
RT: 10.836 min Scan# 1513  
Delta R.T. -0.006 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 75 Resp: 846579  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.4 38.2





#49

cis-1,3-Dichloropropene

Concen: 98.126 ug/l

RT: 10.313 min Scan# 1424

Delta R.T. -0.000 min

Lab File: VN076887.D

Acq: 08 Mar 2023 19:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

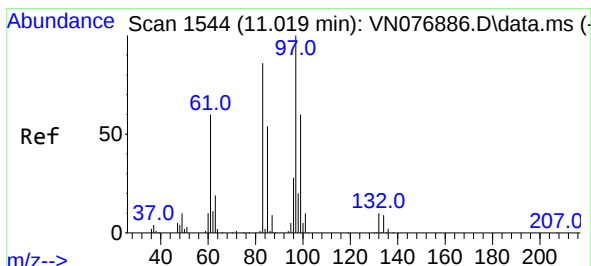
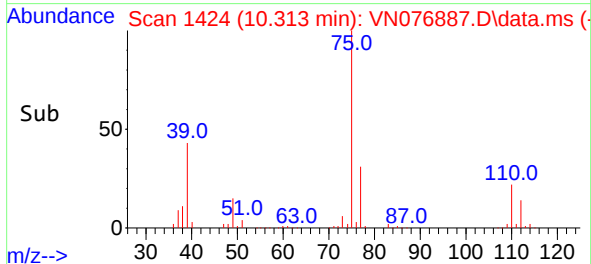
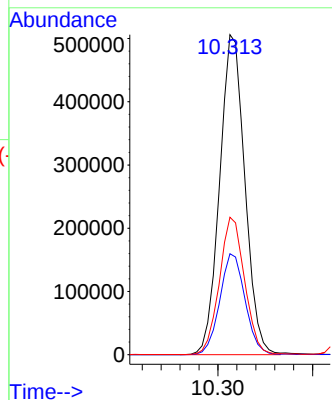
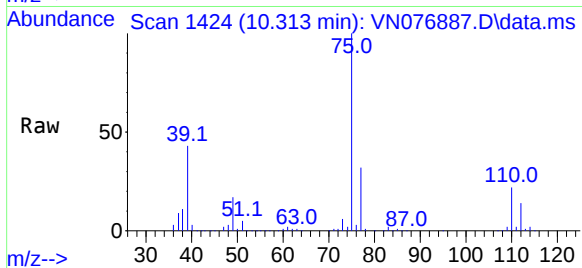
Tgt Ion: 75 Resp: 936111

Ion Ratio Lower Upper

75 100

77 31.6 27.5 41.3

39 42.9 43.5 65.3#



#50

1,1,2-Trichloroethane

Concen: 90.501 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN076887.D

Acq: 08 Mar 2023 19:35

Tgt Ion: 97 Resp: 538948

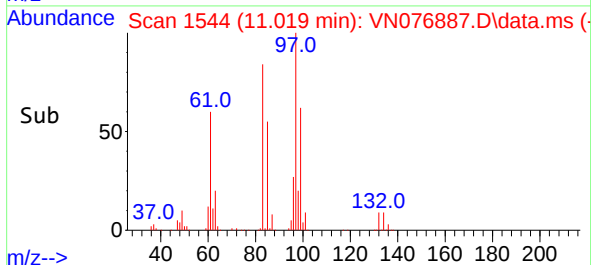
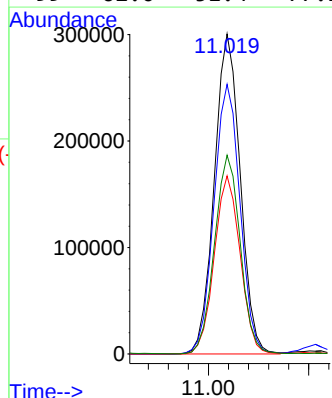
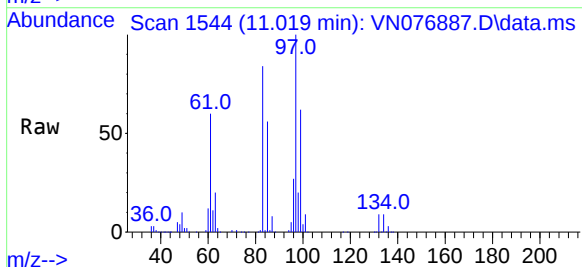
Ion Ratio Lower Upper

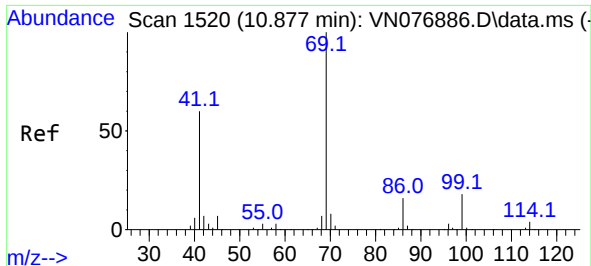
97 100

83 84.1 71.0 106.4

85 55.6 45.5 68.3

99 62.0 51.4 77.2

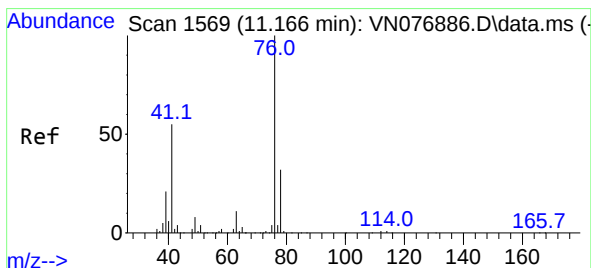
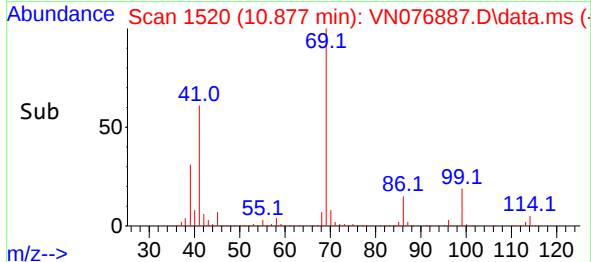
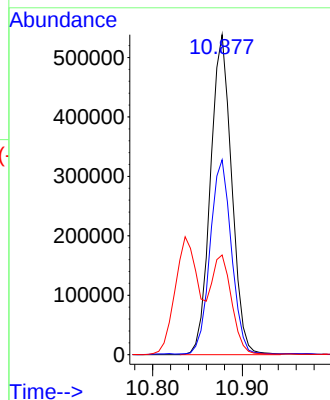
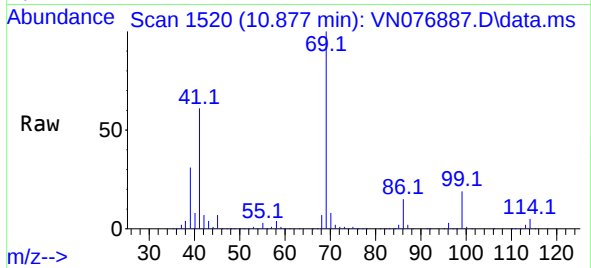




#51  
Ethyl methacrylate  
Concen: 102.192 ug/l  
RT: 10.877 min Scan# 1520  
Delta R.T. -0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

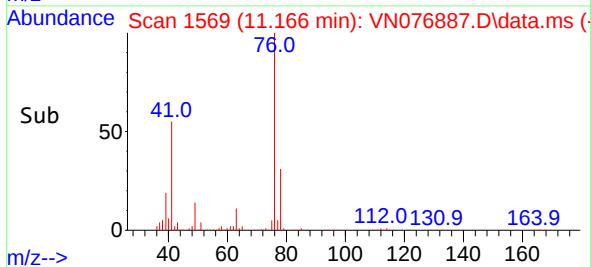
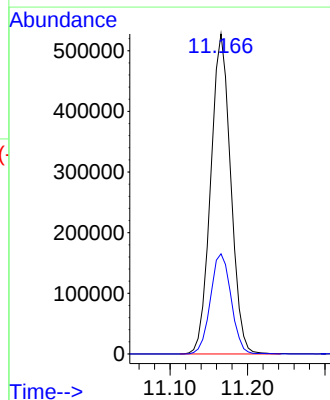
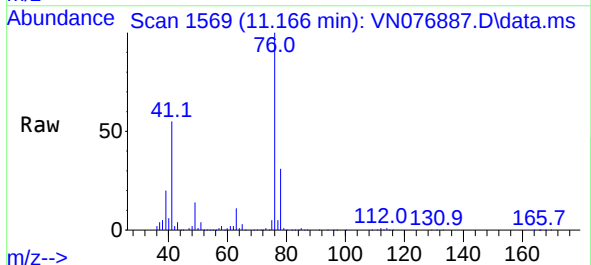
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

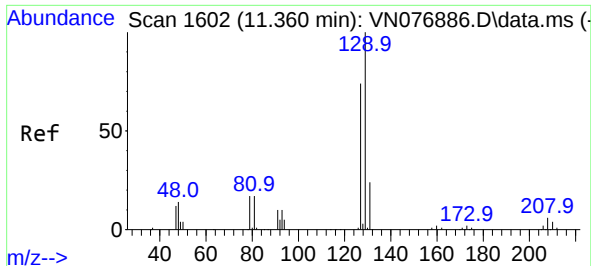
Tgt Ion: 69 Resp: 884677  
Ion Ratio Lower Upper  
69 100  
41 60.7 36.3 108.7  
39 31.0 19.9 59.7



#52  
1,3-Dichloropropane  
Concen: 92.360 ug/l  
RT: 11.166 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 76 Resp: 945847  
Ion Ratio Lower Upper  
76 100  
78 32.2 0.0 65.4

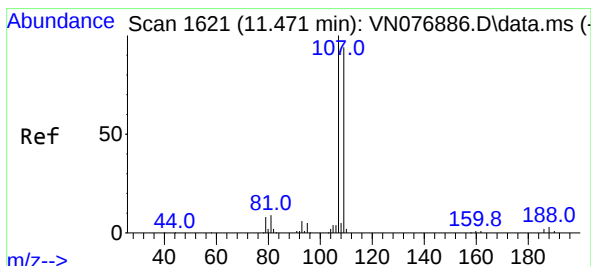
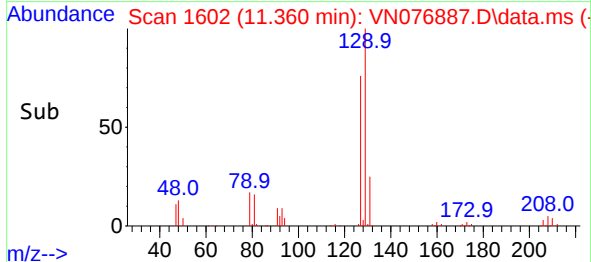
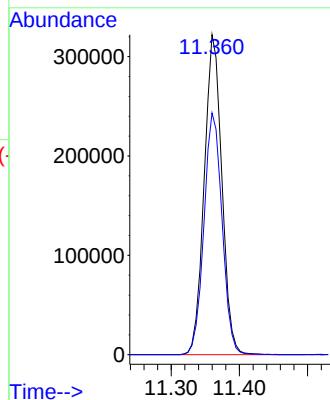
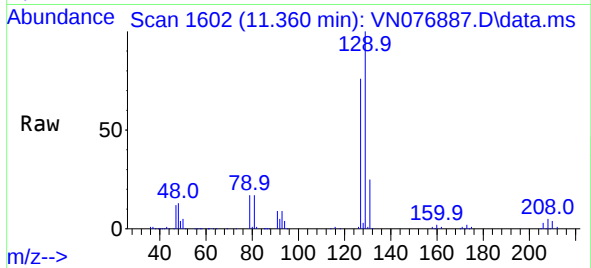




#53  
Dibromochloromethane  
Concen: 95.463 ug/l  
RT: 11.360 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

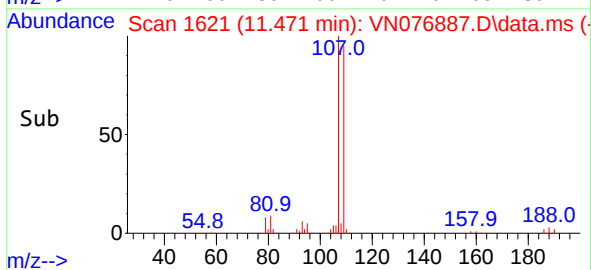
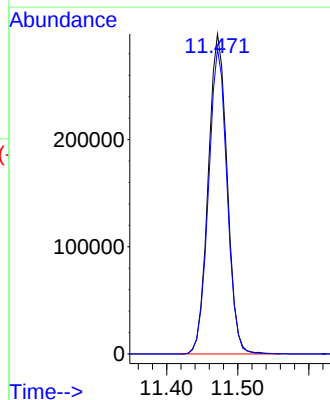
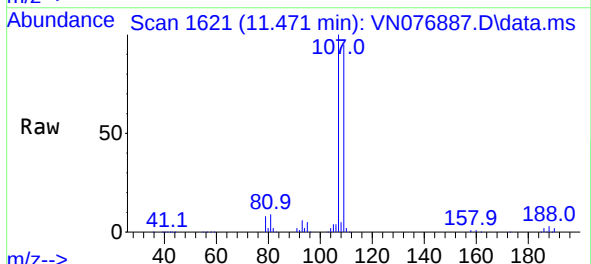
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

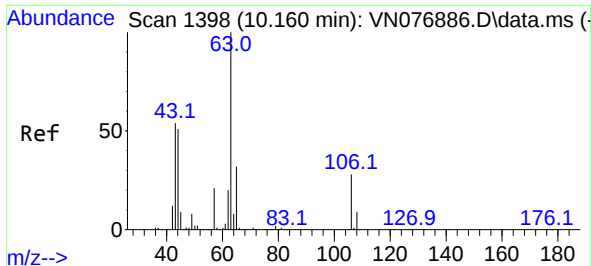
Tgt Ion:129 Resp: 579224  
Ion Ratio Lower Upper  
129 100  
127 77.7 39.4 118.1



#54  
1,2-Dibromoethane  
Concen: 95.720 ug/l  
RT: 11.471 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion:107 Resp: 551575  
Ion Ratio Lower Upper  
107 100  
109 93.6 74.6 112.0

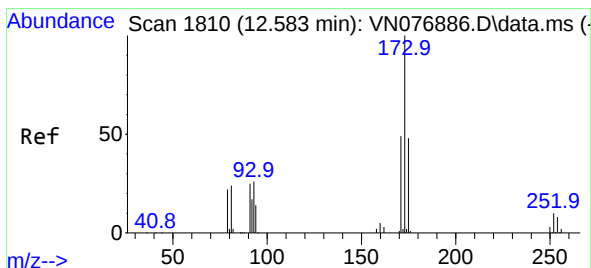
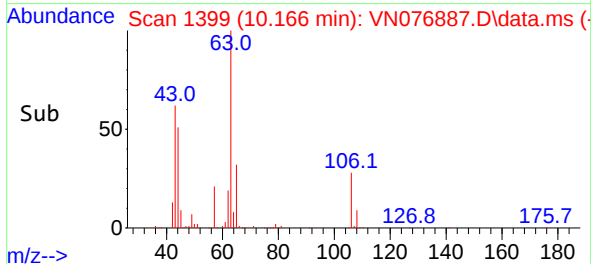
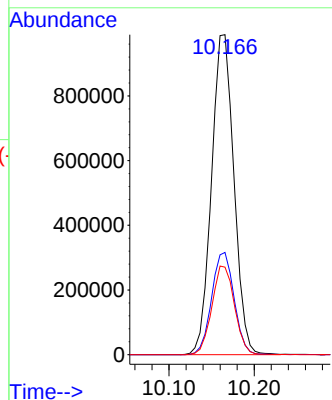
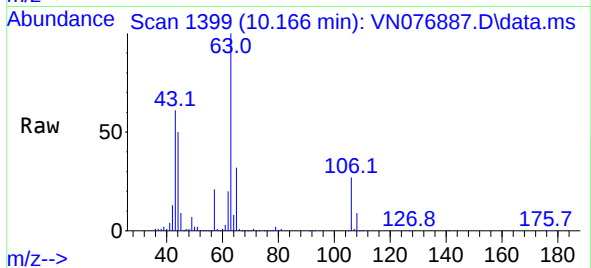




#55  
2-Chloroethyl vinyl ether  
Concen: 489.667 ug/l  
RT: 10.166 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

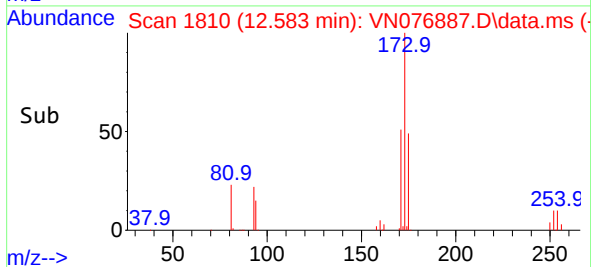
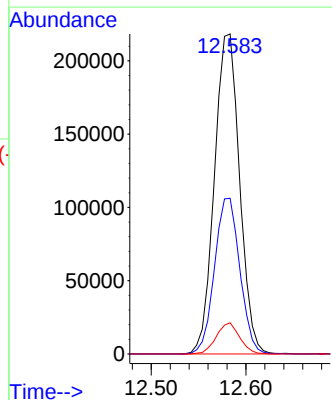
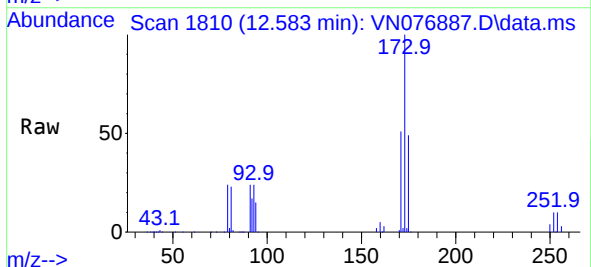
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

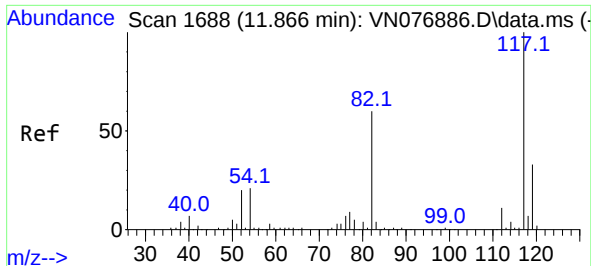
Tgt Ion: 63 Resp: 1809404  
Ion Ratio Lower Upper  
63 100  
65 32.0 26.3 39.5  
106 28.0 21.6 32.4



#56  
Bromoform  
Concen: 97.478 ug/l  
RT: 12.583 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 173 Resp: 403887  
Ion Ratio Lower Upper  
173 100  
175 48.9 37.8 56.6  
254 9.0 7.3 10.9

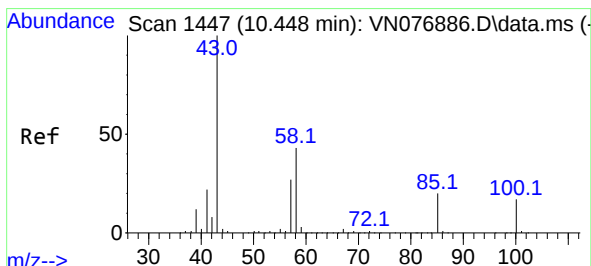
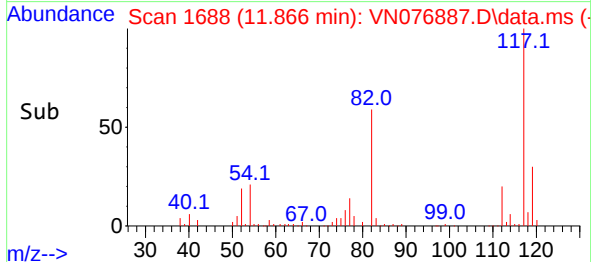
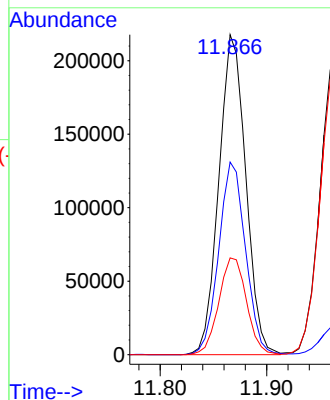
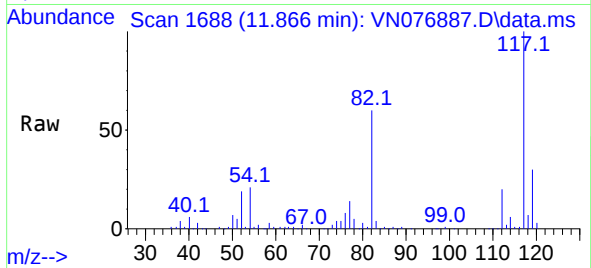




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.866 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

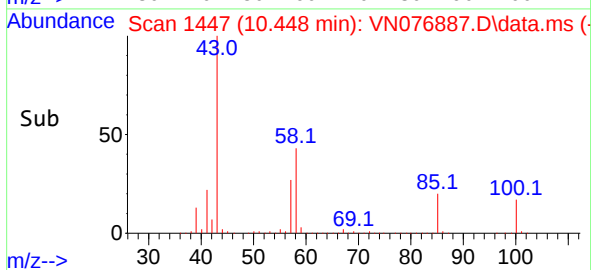
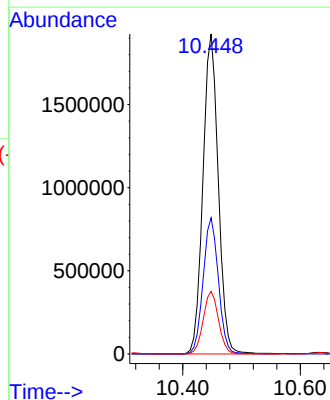
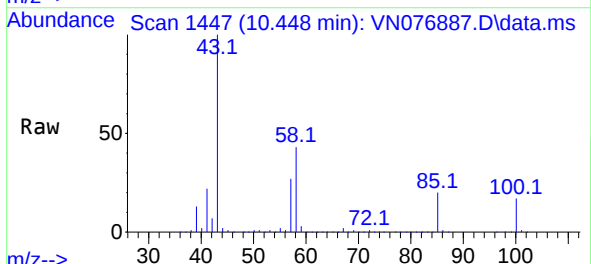
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

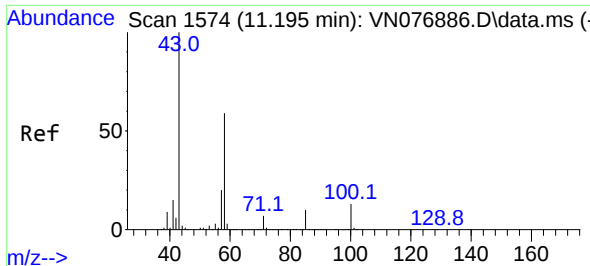
Tgt Ion:117 Resp: 382138  
Ion Ratio Lower Upper  
117 100  
82 60.1 45.4 68.0  
119 31.1 26.8 40.2



#58  
4-Methyl-2-Pentanone  
Concen: 396.690 ug/l  
RT: 10.448 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 43 Resp: 3493467  
Ion Ratio Lower Upper  
43 100  
58 42.4 28.6 42.8  
85 19.6 11.8 17.8#

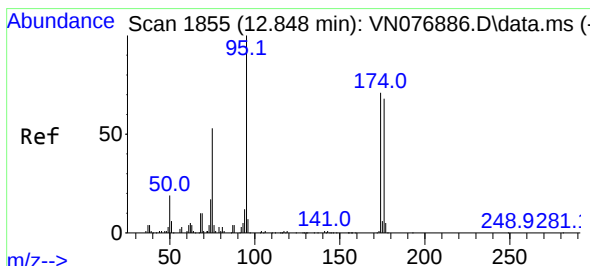
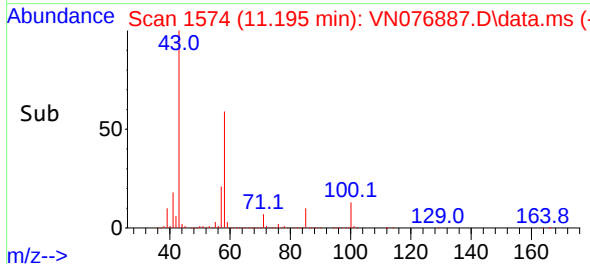
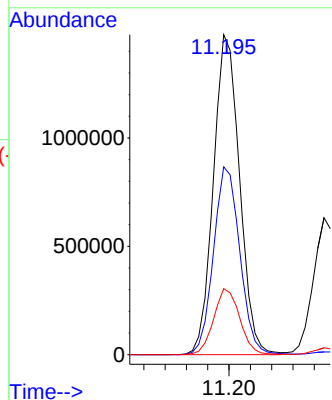
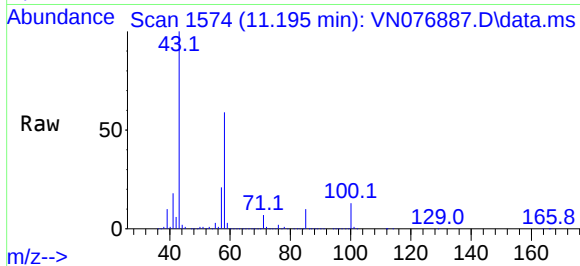




#59  
2-Hexanone  
Concen: 387.480 ug/l  
RT: 11.195 min Scan# 111  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

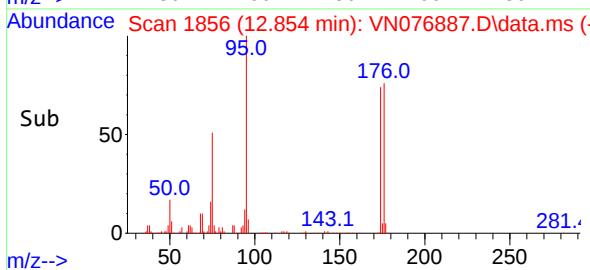
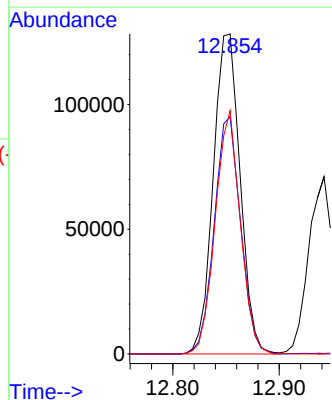
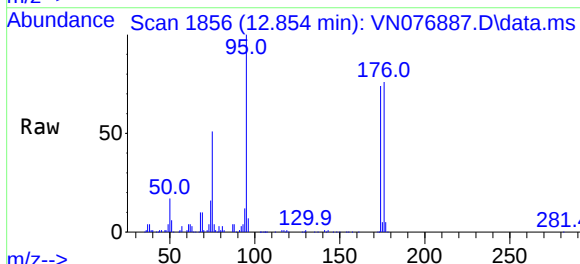
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

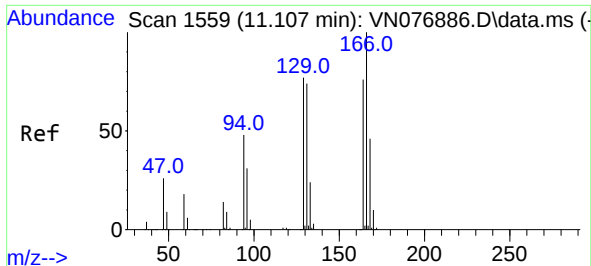
Tgt Ion: 43 Resp: 2514439  
Ion Ratio Lower Upper  
43 100  
58 59.1 40.6 60.8  
57 20.6 13.1 19.7#



#60  
4-Bromofluorobenzene  
Concen: 32.934 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. 0.006 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 95 Resp: 224712  
Ion Ratio Lower Upper  
95 100  
174 72.6 64.2 96.4  
176 70.8 61.4 92.0

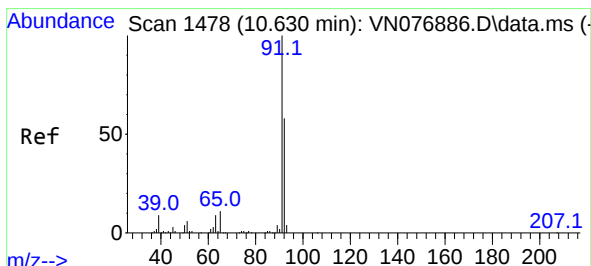
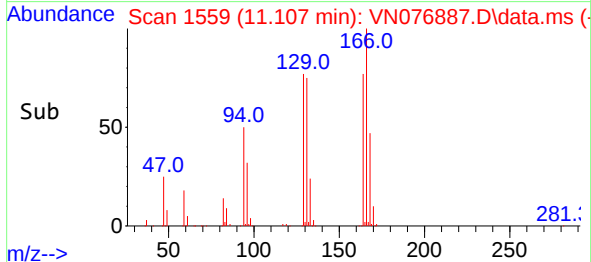
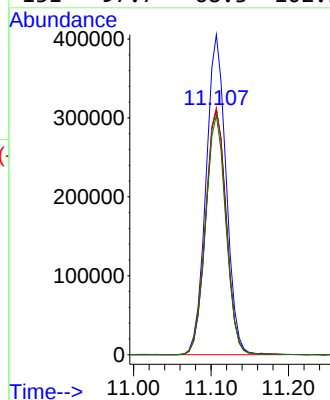
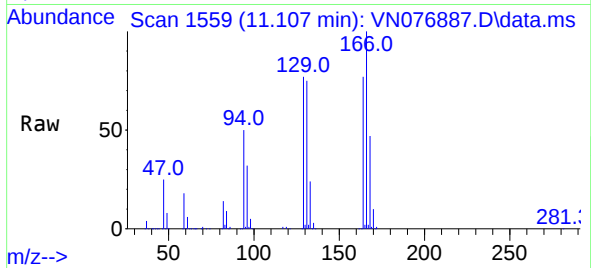




#61  
Tetrachloroethene  
Concen: 113.267 ug/l  
RT: 11.107 min Scan# 1159  
Delta R.T. -0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

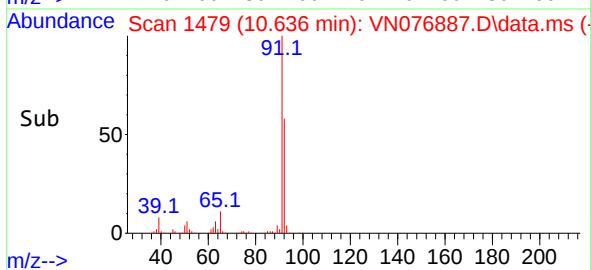
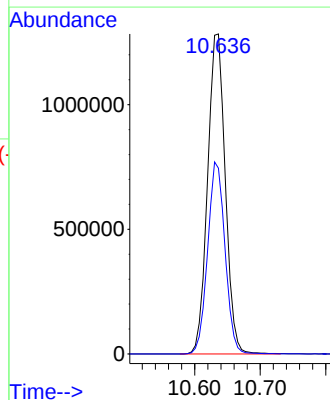
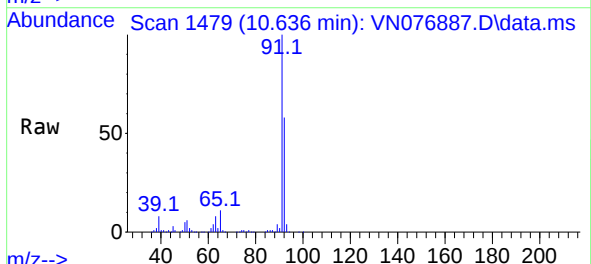
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

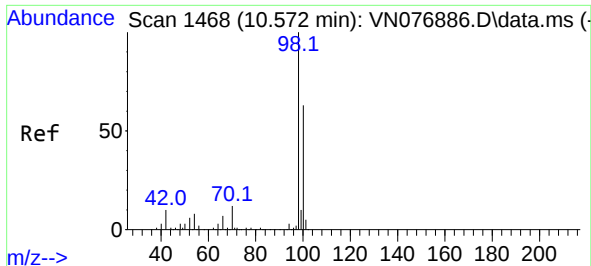
Tgt Ion:164 Resp: 573495  
Ion Ratio Lower Upper  
164 100  
166 130.6 96.2 144.2  
129 100.7 78.2 117.4  
131 97.7 68.3 102.5



#62  
Toluene  
Concen: 90.583 ug/l  
RT: 10.636 min Scan# 1479  
Delta R.T. 0.006 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 91 Resp: 2410987  
Ion Ratio Lower Upper  
91 100  
92 59.0 46.3 69.5

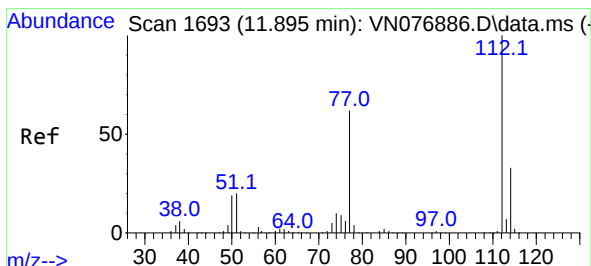
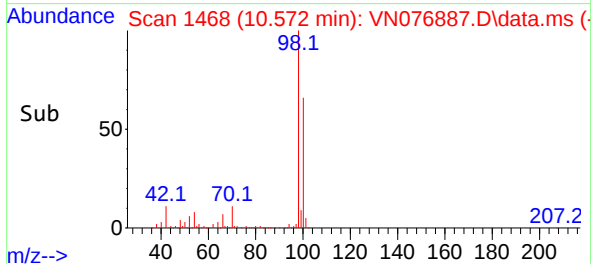
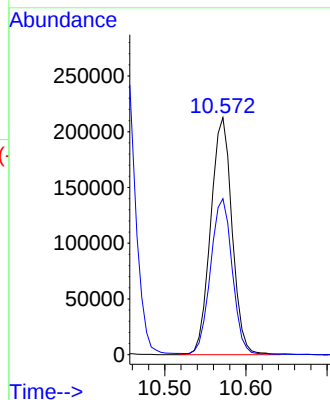
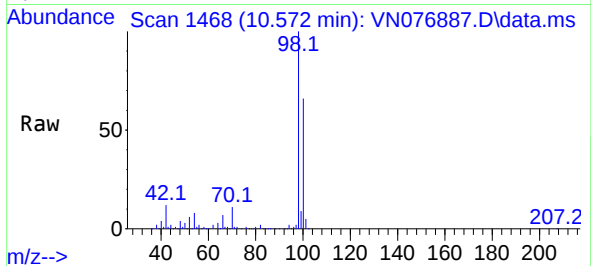




#63  
Toluene-d8  
Concen: 29.088 ug/l  
RT: 10.572 min Scan# 1468  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

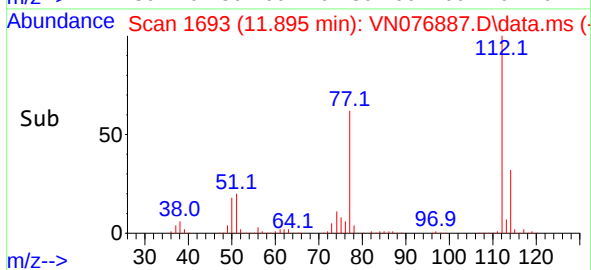
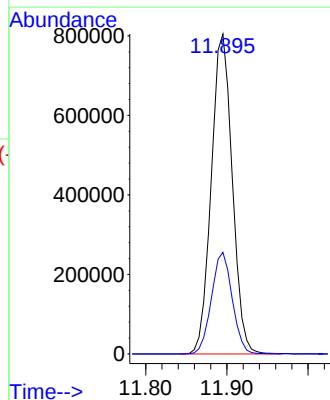
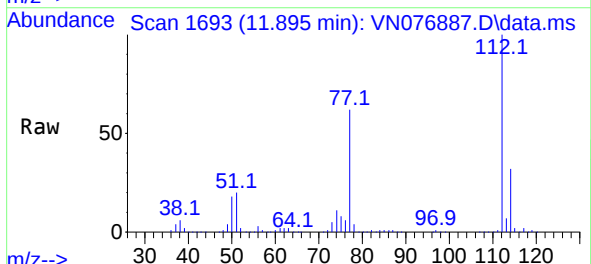
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

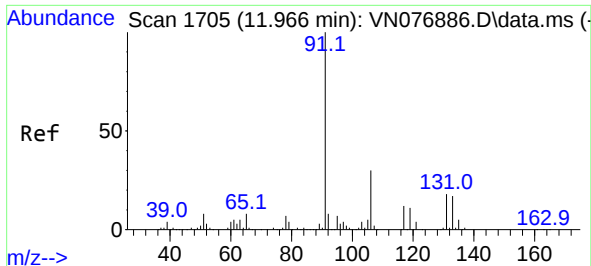
Tgt Ion: 98 Resp: 389503  
Ion Ratio Lower Upper  
98 100  
100 66.8 53.8 80.6



#64  
Chlorobenzene  
Concen: 92.033 ug/l  
RT: 11.895 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 112 Resp: 1444238  
Ion Ratio Lower Upper  
112 100  
114 31.8 24.5 36.7

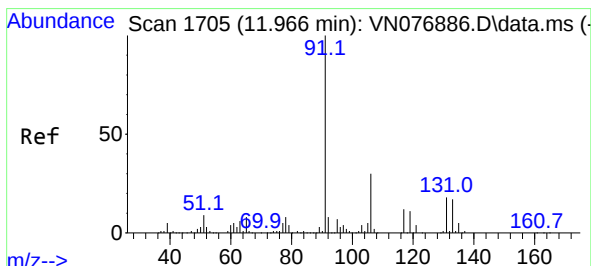
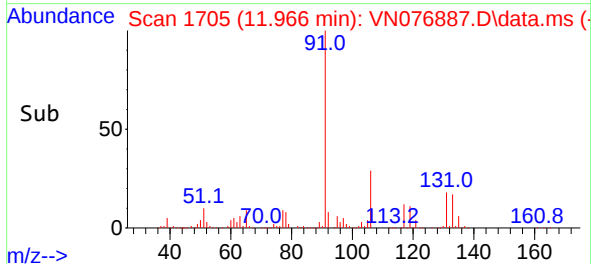
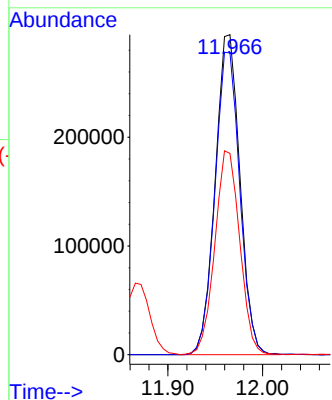
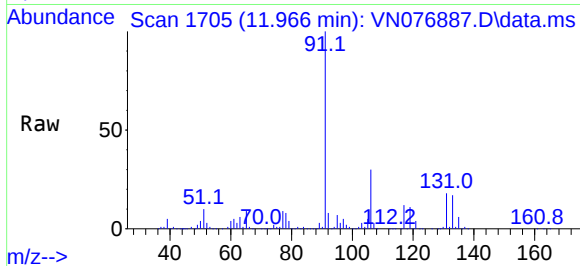




#65  
1,1,1,2-Tetrachloroethane  
Concen: 92.453 ug/l  
RT: 11.966 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

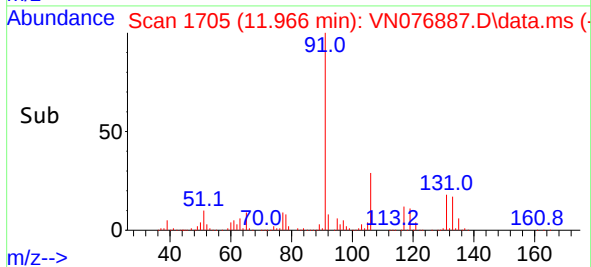
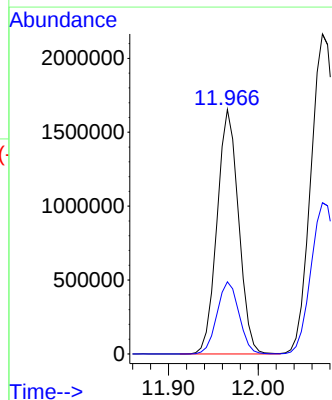
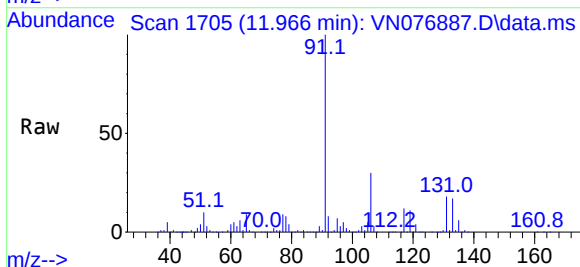
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

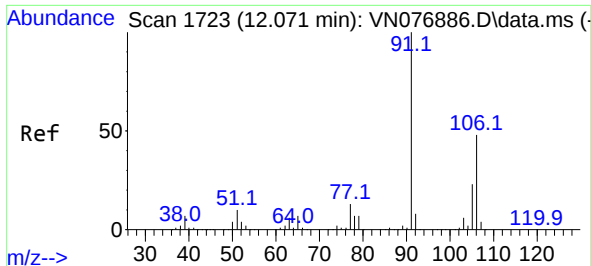
Tgt Ion:131 Resp: 535486  
Ion Ratio Lower Upper  
131 100  
133 95.0 0.0 197.6  
119 64.2 0.0 127.8



#66  
Ethyl Benzene  
Concen: 97.078 ug/l  
RT: 11.966 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 91 Resp: 2755729  
Ion Ratio Lower Upper  
91 100  
106 29.5 23.8 35.8

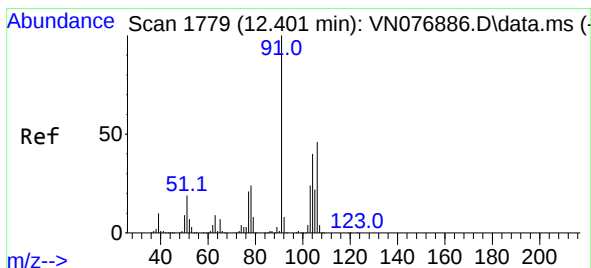
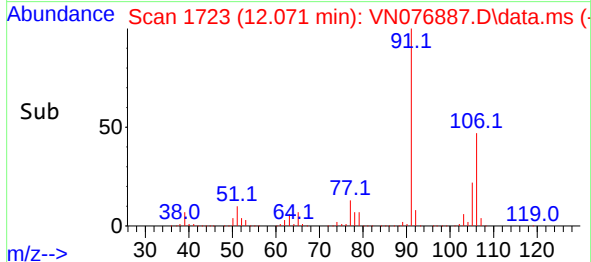
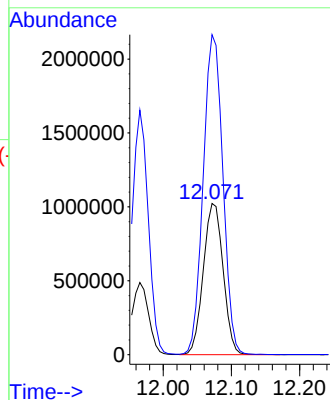
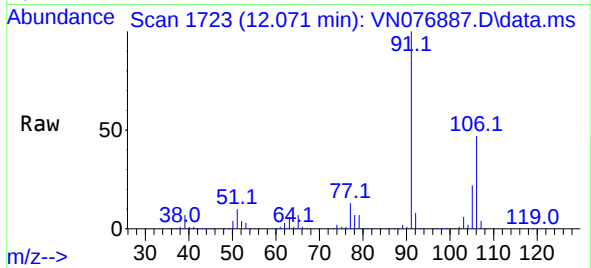




#67  
m/p-Xylenes  
Concen: 188.411 ug/l  
RT: 12.071 min Scan# 1723  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

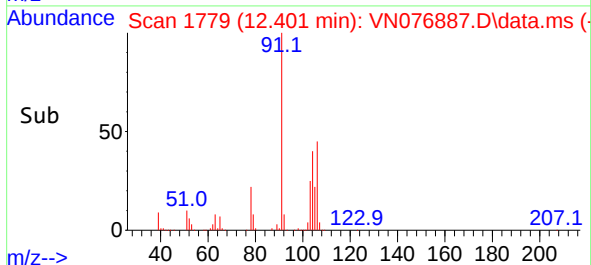
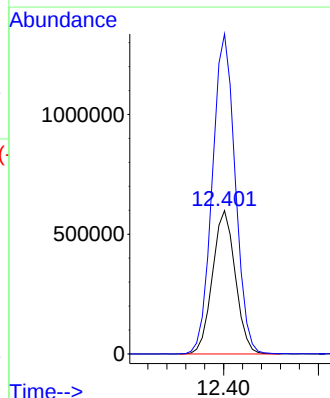
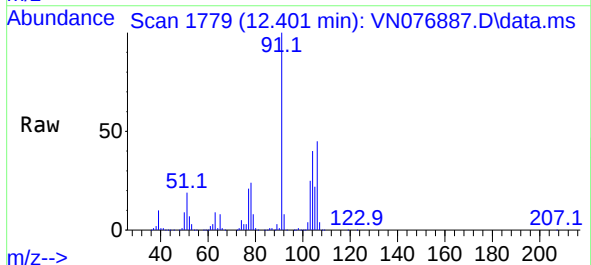
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

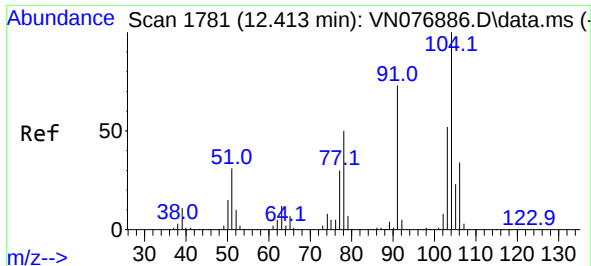
Tgt Ion:106 Resp: 2067348  
Ion Ratio Lower Upper  
106 100  
91 209.3 157.4 236.2



#68  
o-Xylene  
Concen: 92.792 ug/l  
RT: 12.401 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion:106 Resp: 1001863  
Ion Ratio Lower Upper  
106 100  
91 223.4 107.2 321.6

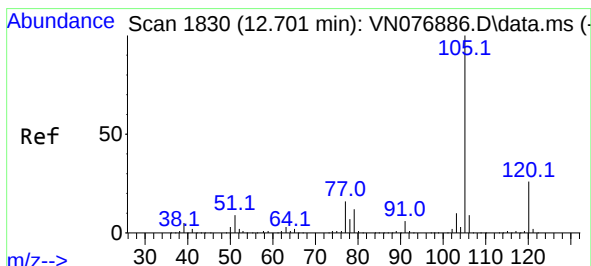
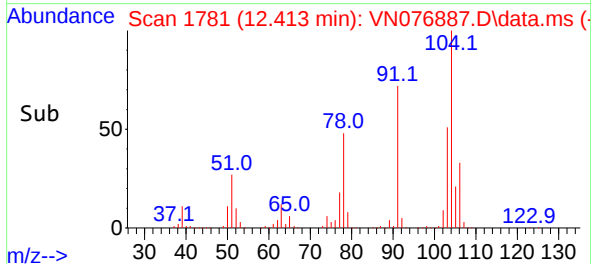
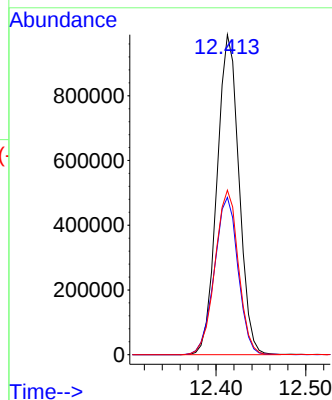
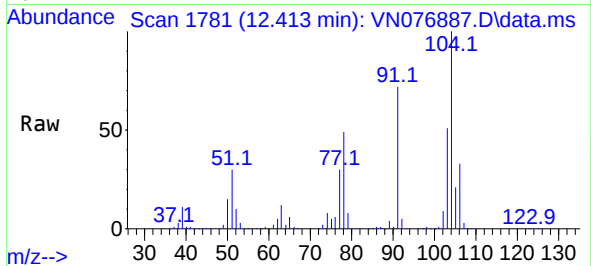




#69  
Styrene  
Concen: 96.989 ug/l  
RT: 12.413 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

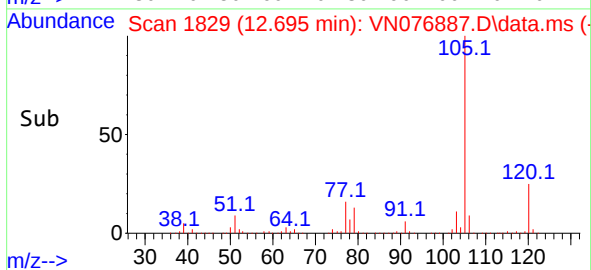
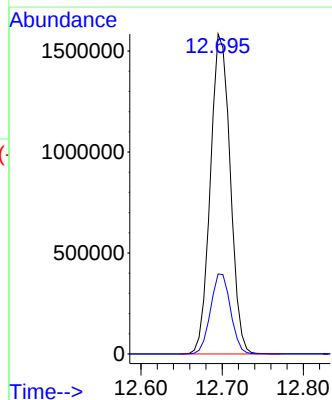
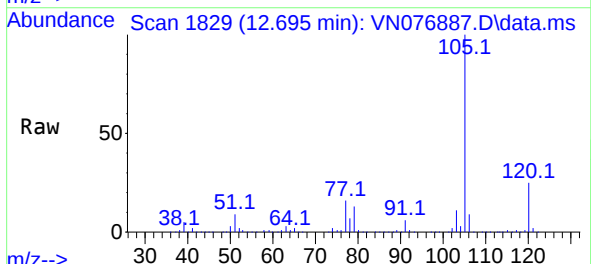
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

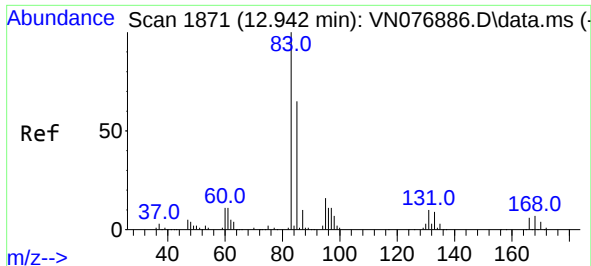
Tgt Ion:104 Resp: 1683052  
Ion Ratio Lower Upper  
104 100  
78 52.8 39.6 59.4  
103 54.7 43.9 65.9



#70  
Isopropylbenzene  
Concen: 97.218 ug/l  
RT: 12.695 min Scan# 1829  
Delta R.T. -0.006 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion:105 Resp: 2686531  
Ion Ratio Lower Upper  
105 100  
120 25.2 19.0 35.2

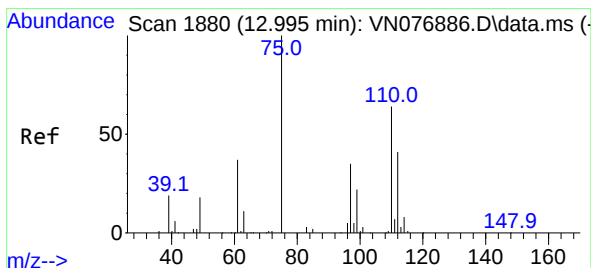
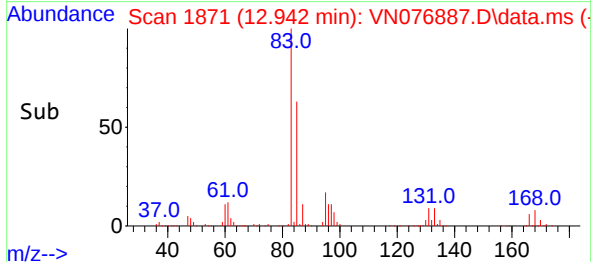
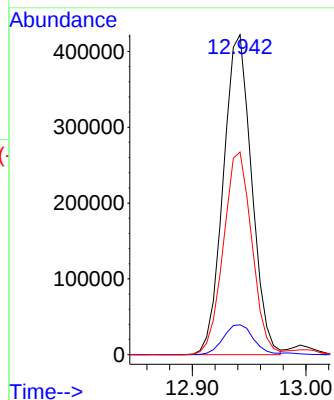
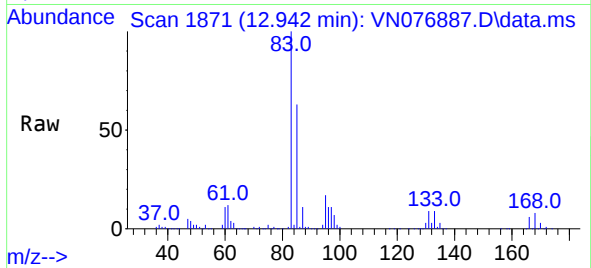




#71  
1,1,2,2-Tetrachloroethane  
Concen: 82.405 ug/l  
RT: 12.942 min Scan# 1871  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

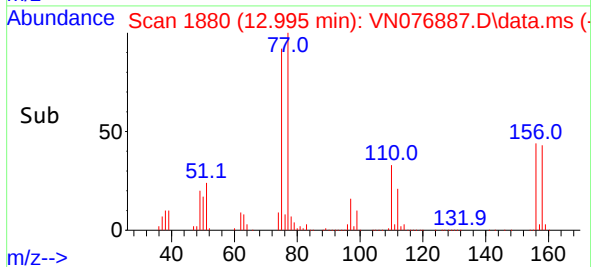
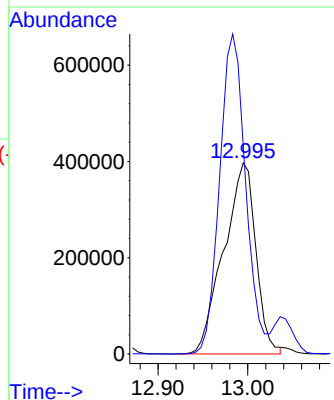
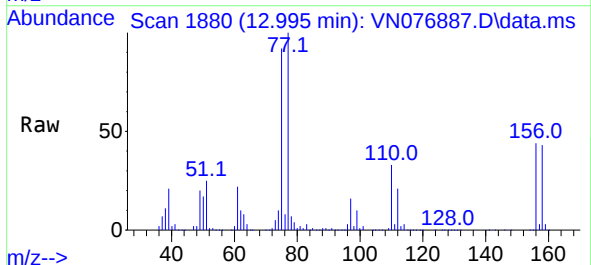
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

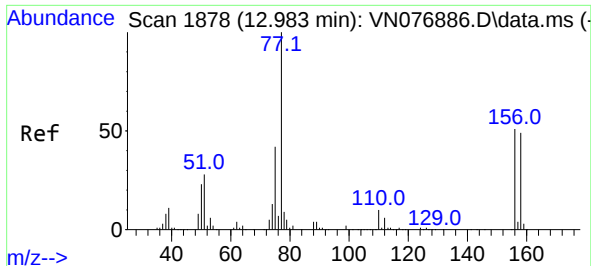
Tgt Ion: 83 Resp: 731380  
Ion Ratio Lower Upper  
83 100  
131 10.0 5.0 14.9  
85 63.6 32.3 96.9



#72  
1,2,3-Trichloropropane  
Concen: 123.499 ug/l  
RT: 12.995 min Scan# 1880  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 75 Resp: 985012  
Ion Ratio Lower Upper  
75 100  
77 135.1 0.0 332.6

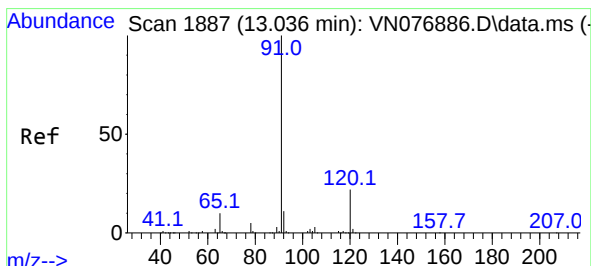
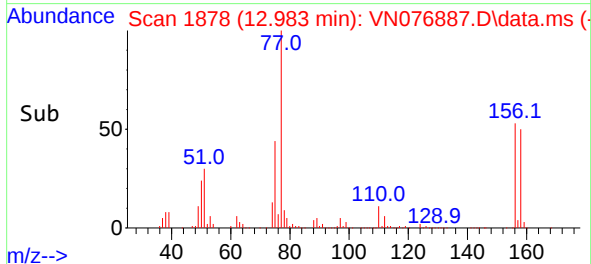
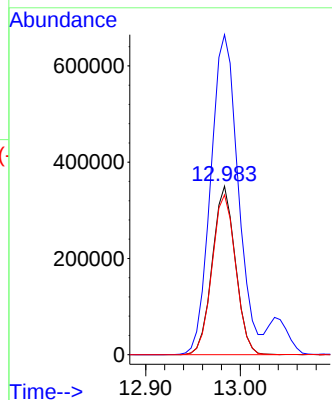
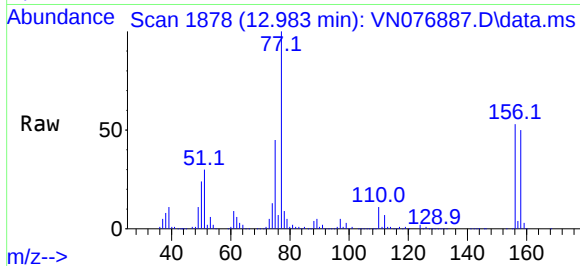




#73  
Bromobenzene  
Concen: 93.377 ug/l  
RT: 12.983 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

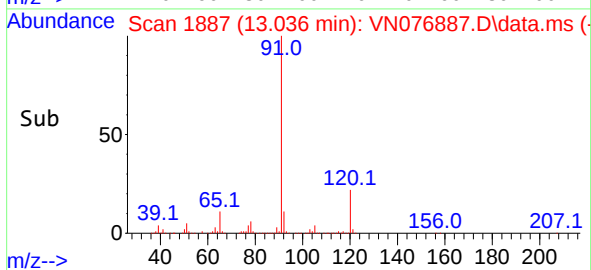
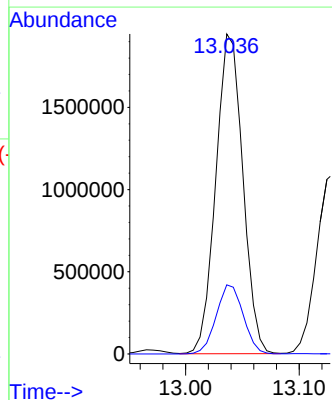
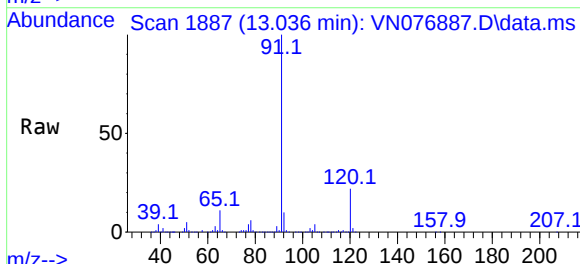
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

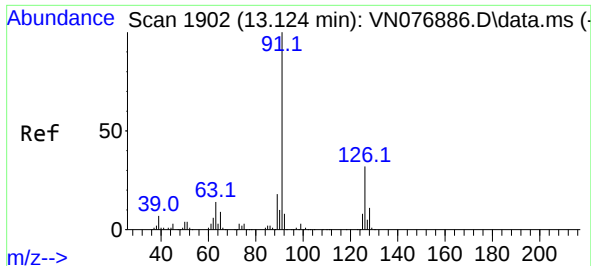
Tgt Ion:156 Resp: 592402  
Ion Ratio Lower Upper  
156 100  
77 224.6 0.0 423.0  
158 97.3 0.0 188.6



#74  
n-propylbenzene  
Concen: 97.390 ug/l  
RT: 13.036 min Scan# 1887  
Delta R.T. -0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 91 Resp: 3214150  
Ion Ratio Lower Upper  
91 100  
120 21.6 0.0 44.0

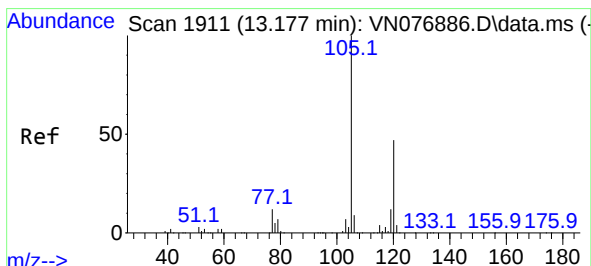
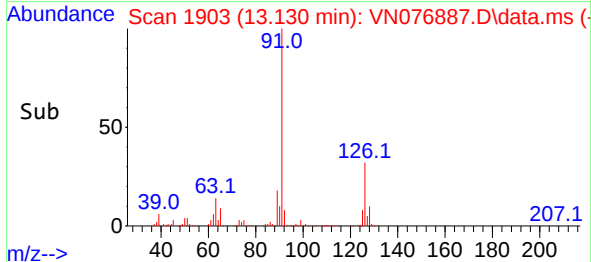
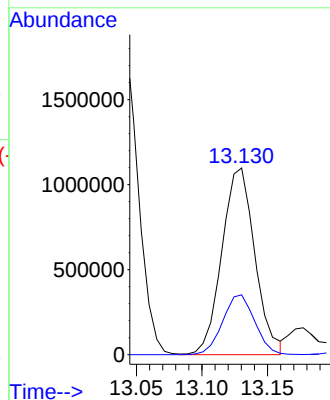
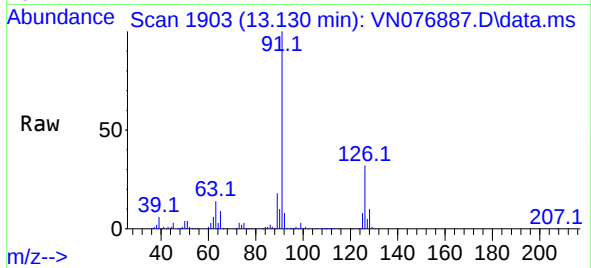




#75  
2-Chlorotoluene  
Concen: 97.269 ug/l  
RT: 13.130 min Scan# 1903  
Delta R.T. 0.006 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

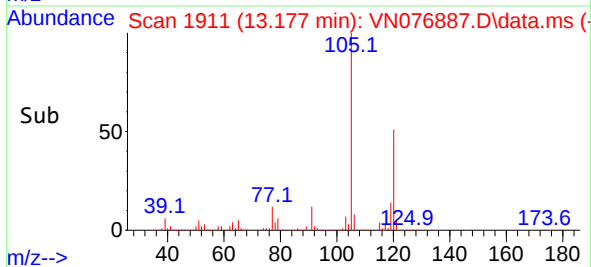
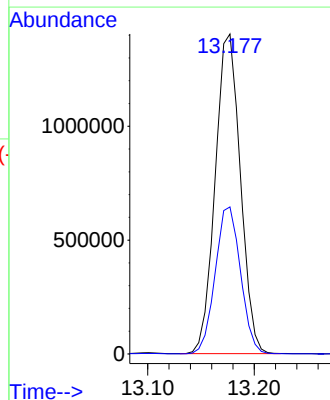
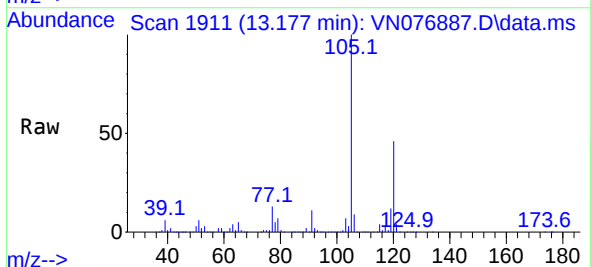
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ClientSampleId :  
VSTDICC100

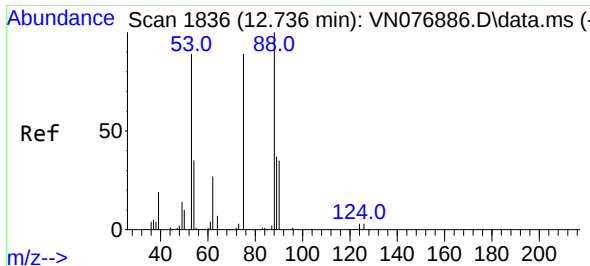
Tgt Ion: 91 Resp: 1923360  
Ion Ratio Lower Upper  
91 100  
126 31.2 0.0 66.4



#76  
1,3,5-Trimethylbenzene  
Concen: 99.169 ug/l  
RT: 13.177 min Scan# 1911  
Delta R.T. -0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 105 Resp: 2303724  
Ion Ratio Lower Upper  
105 100  
120 46.4 0.0 103.2

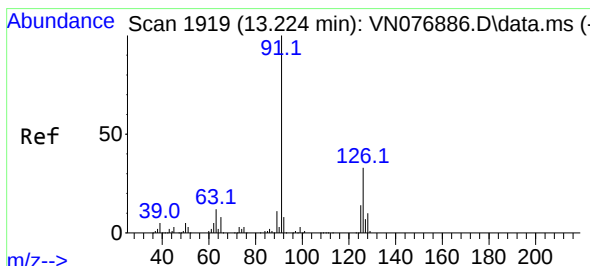
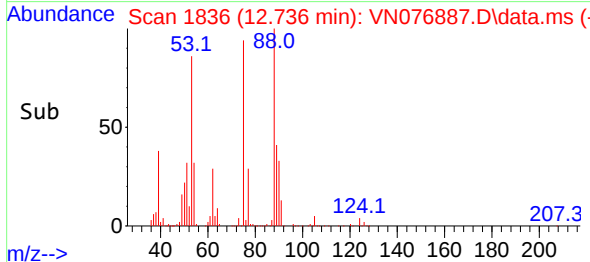
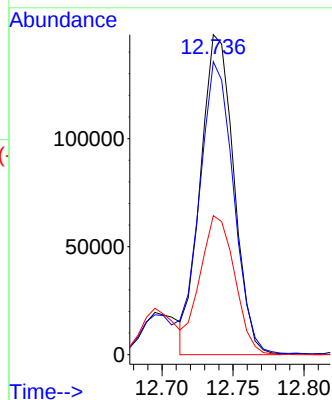
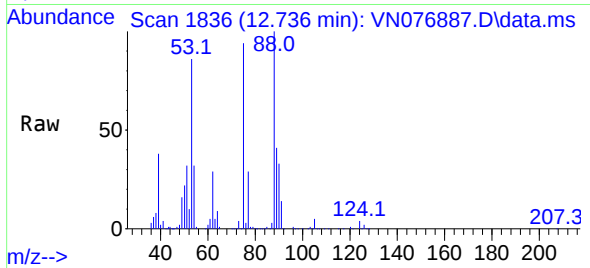




#77  
t-1,4-Dichloro-2-butene  
Concen: 96.134 ug/l  
RT: 12.736 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

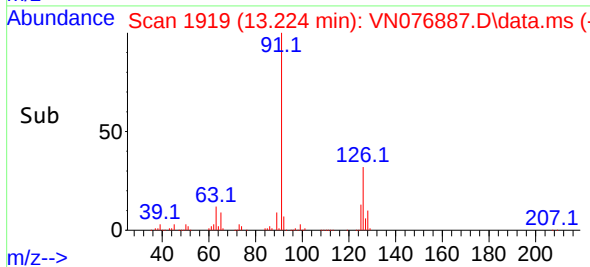
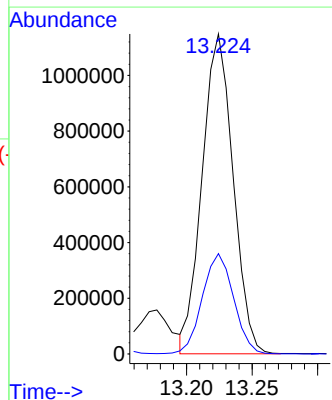
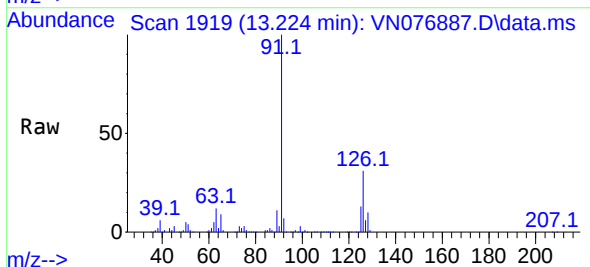
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MSVOA\_N  
ClientSampleId :  
VSTDICC100

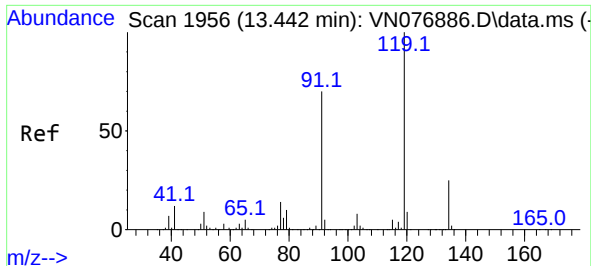
Tgt Ion: 75 Resp: 241754  
Ion Ratio Lower Upper  
75 100  
53 91.4 50.4 151.3  
89 43.6 22.1 66.5



#78  
4-Chlorotoluene  
Concen: 99.611 ug/l  
RT: 13.224 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 91 Resp: 1886554  
Ion Ratio Lower Upper  
91 100  
126 31.7 0.0 70.6

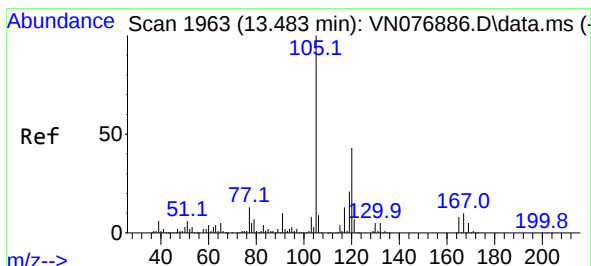
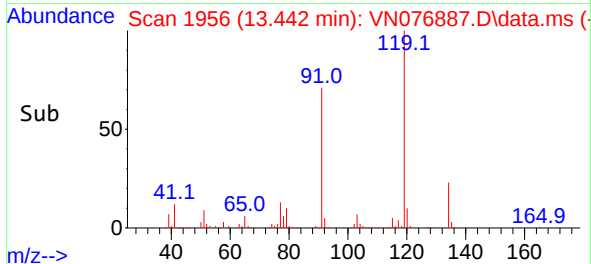
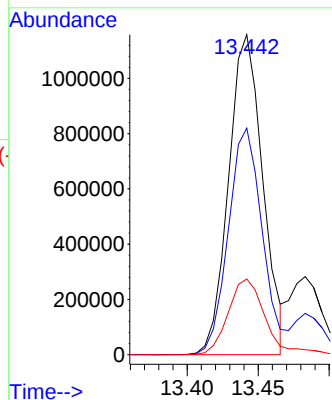
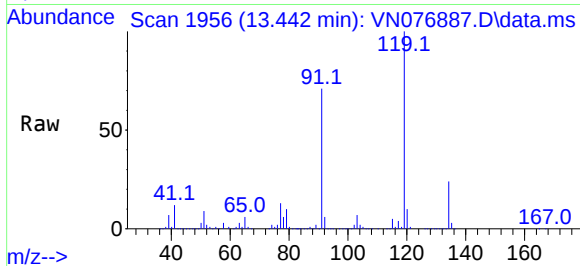




#79  
tert-butylbenzene  
Concen: 95.668 ug/l  
RT: 13.442 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

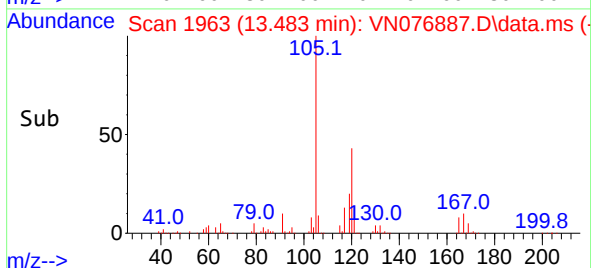
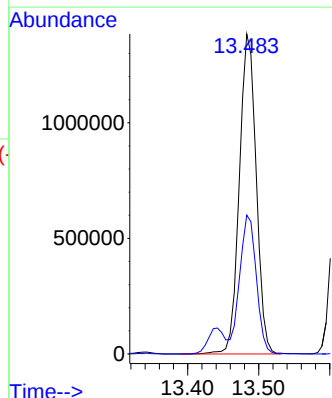
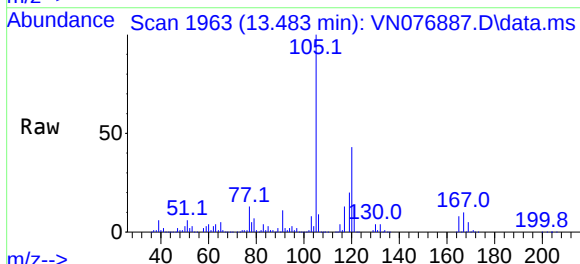
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

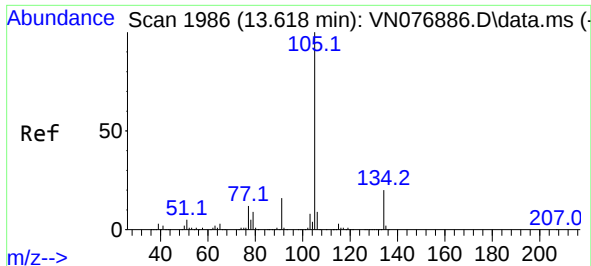
Tgt Ion:119 Resp: 1937836  
Ion Ratio Lower Upper  
119 100  
91 71.1 0.0 129.6  
134 25.7 0.0 47.8



#80  
1,2,4-Trimethylbenzene  
Concen: 99.574 ug/l  
RT: 13.483 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion:105 Resp: 2283413  
Ion Ratio Lower Upper  
105 100  
120 43.4 0.0 93.2

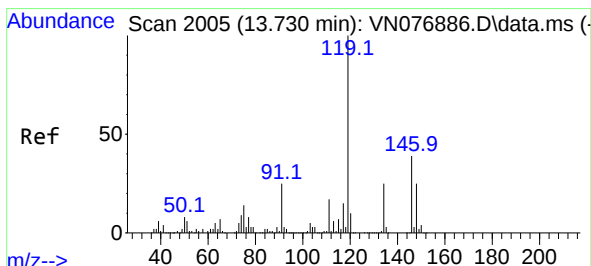
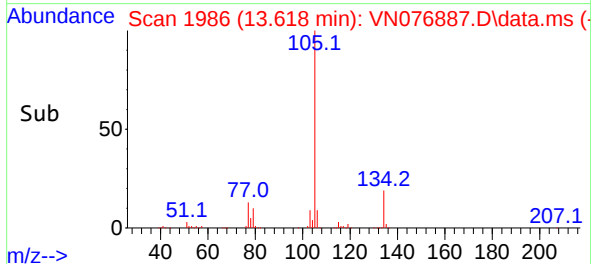
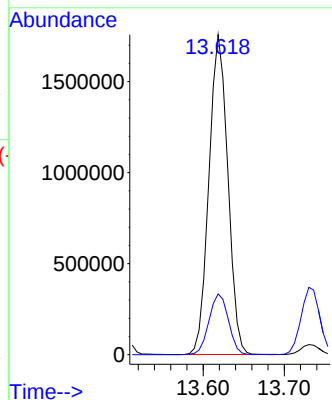
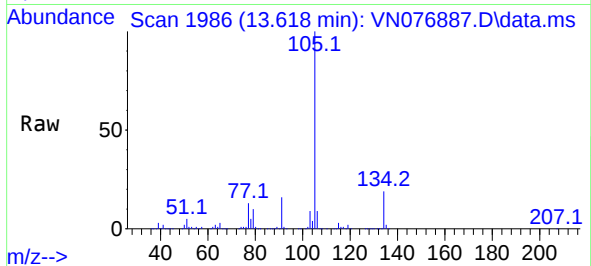




#81  
 sec-Butylbenzene  
 Concen: 97.228 ug/l  
 RT: 13.618 min Scan# 1986  
 Delta R.T. -0.000 min  
 Lab File: VN076887.D  
 Acq: 08 Mar 2023 19:35

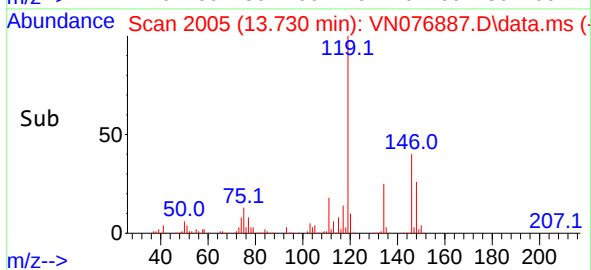
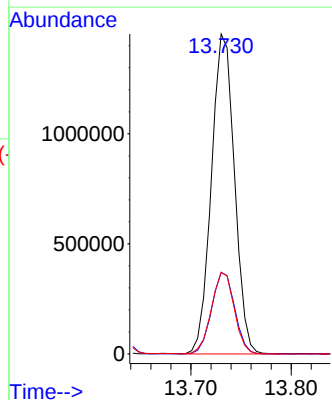
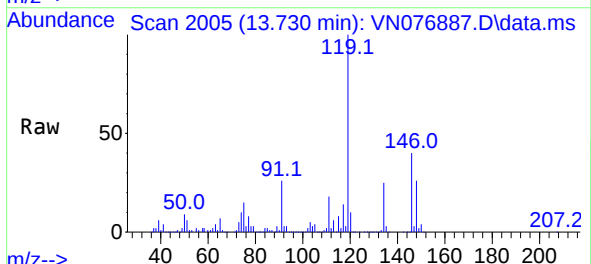
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

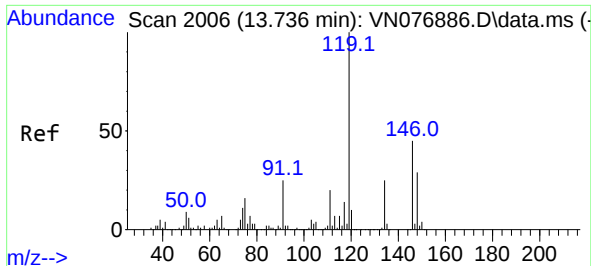
Tgt Ion:105 Resp: 2836880  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 0.0 39.4



#82  
 p-Isopropyltoluene  
 Concen: 98.432 ug/l  
 RT: 13.730 min Scan# 2005  
 Delta R.T. 0.000 min  
 Lab File: VN076887.D  
 Acq: 08 Mar 2023 19:35

Tgt Ion:119 Resp: 2325348  
 Ion Ratio Lower Upper  
 119 100  
 134 25.4 0.0 53.4  
 91 25.2 0.0 47.2

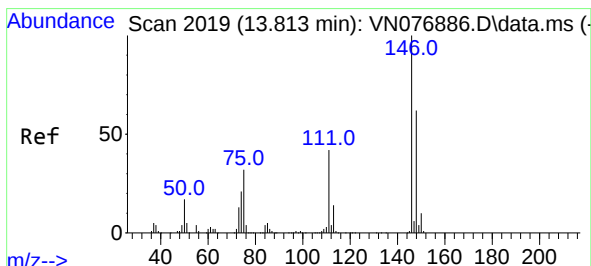
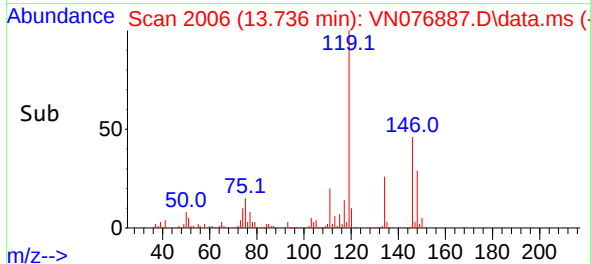
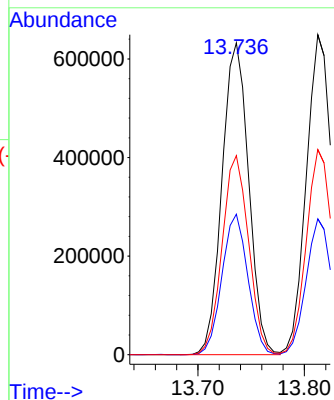
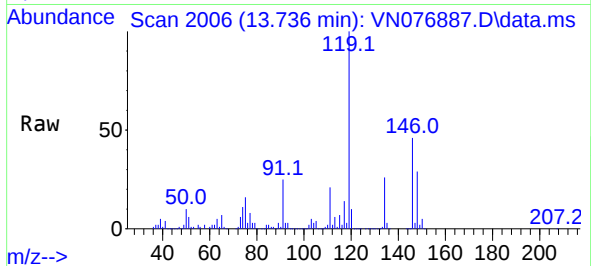




#83  
1,3-Dichlorobenzene  
Concen: 91.353 ug/l  
RT: 13.736 min Scan# 2006  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

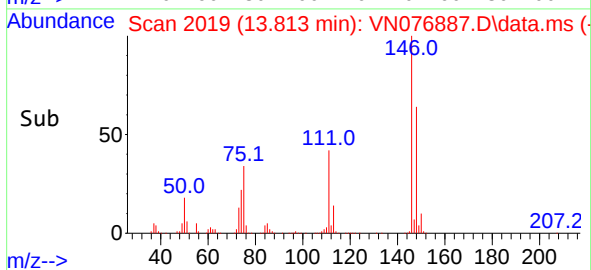
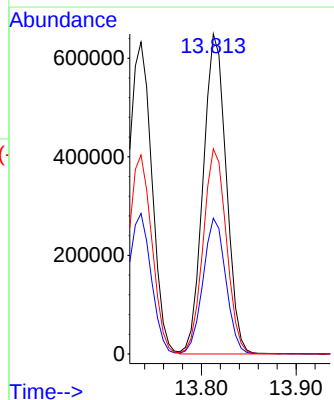
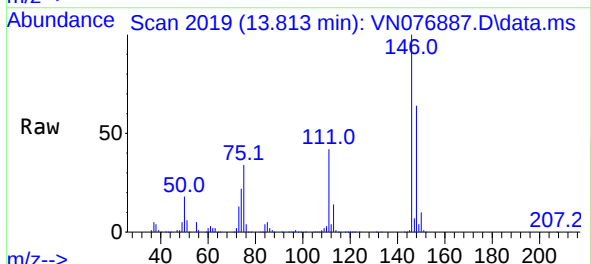
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

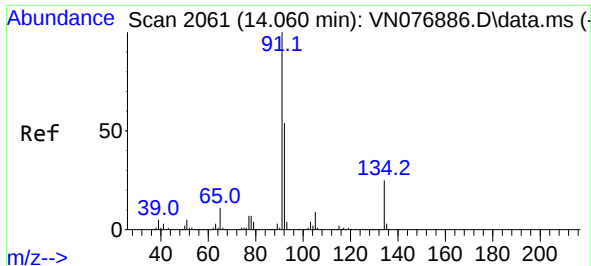
Tgt Ion:146 Resp: 1100942  
Ion Ratio Lower Upper  
146 100  
111 43.9 20.3 60.8  
148 63.4 31.9 95.5



#84  
1,4-Dichlorobenzene  
Concen: 93.224 ug/l  
RT: 13.813 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion:146 Resp: 1101421  
Ion Ratio Lower Upper  
146 100  
111 42.0 18.2 54.6  
148 64.1 31.1 93.2

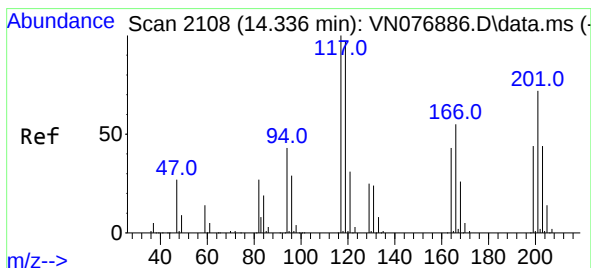
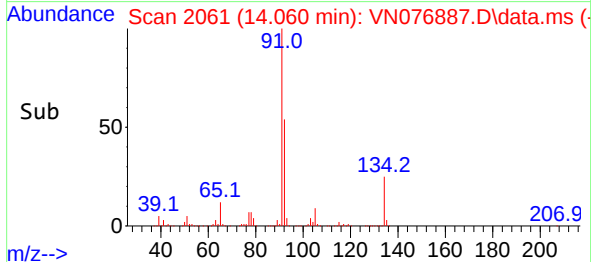
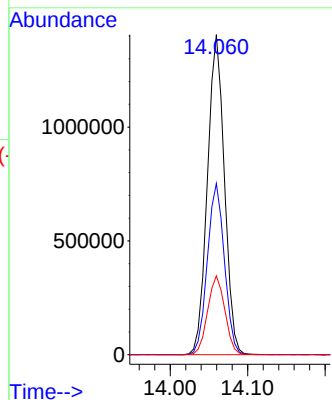
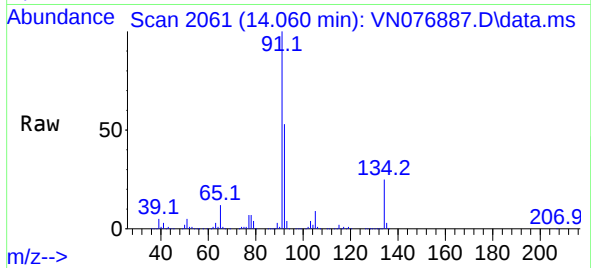




#85  
n-Butylbenzene  
Concen: 106.273 ug/l  
RT: 14.060 min Scan# 2061  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

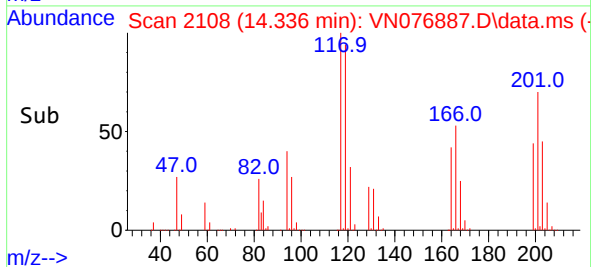
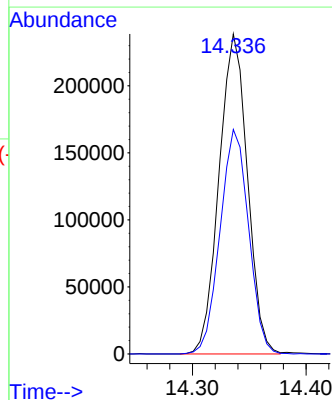
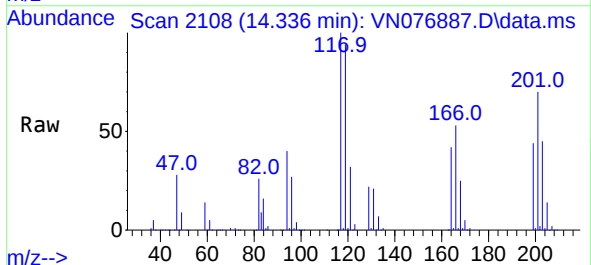
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MSVOA\_N  
ClientSampleId :  
VSTDICC100

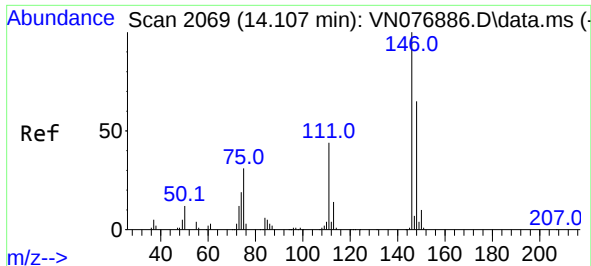
Tgt Ion: 91 Resp: 2136767  
Ion Ratio Lower Upper  
91 100  
92 53.8 0.0 103.2  
134 25.0 0.0 50.0



#86  
Hexachloroethane  
Concen: 91.952 ug/l  
RT: 14.336 min Scan# 2108  
Delta R.T. -0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 117 Resp: 414599  
Ion Ratio Lower Upper  
117 100  
201 70.6 32.2 96.6

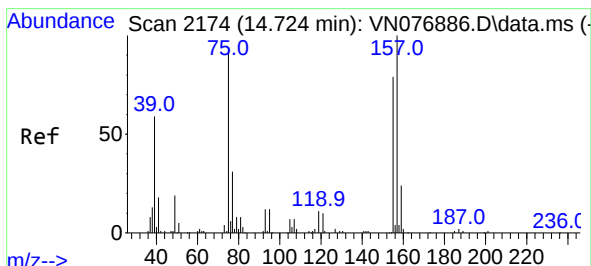
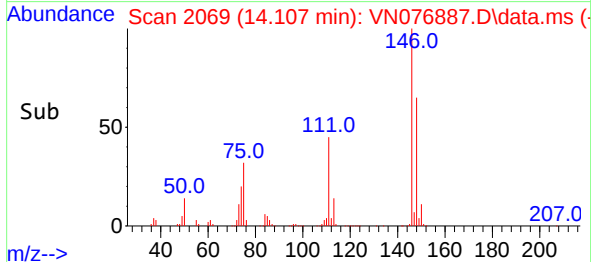
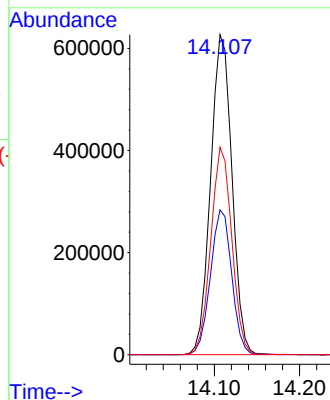
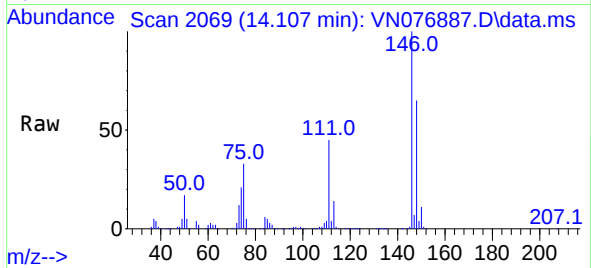




#87  
1,2-Dichlorobenzene  
Concen: 90.617 ug/l  
RT: 14.107 min Scan# 2069  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

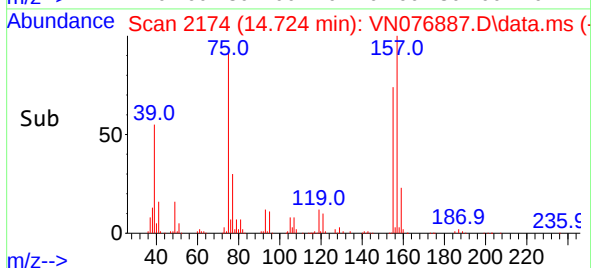
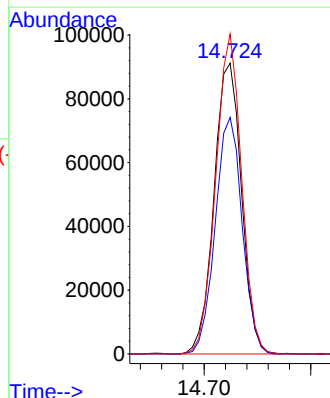
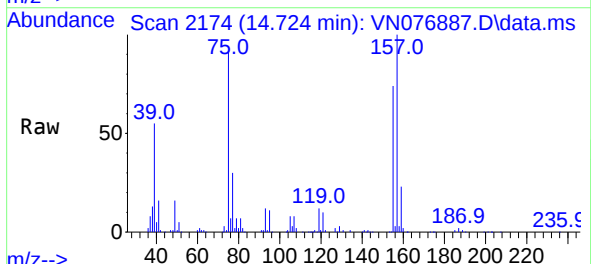
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ClientSampleId :  
VSTDICC100

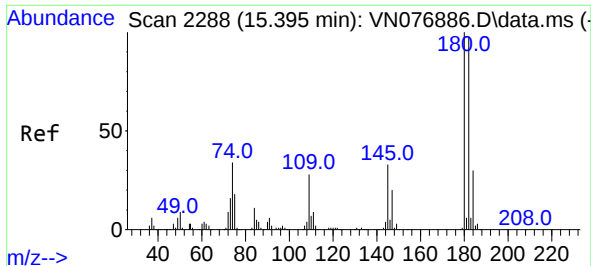
Tgt Ion:146 Resp: 1092370  
Ion Ratio Lower Upper  
146 100  
111 45.0 20.5 61.6  
148 63.8 32.5 97.5



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 97.062 ug/l  
RT: 14.724 min Scan# 2174  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion: 75 Resp: 163025  
Ion Ratio Lower Upper  
75 100  
155 79.9 62.5 93.7  
157 103.8 77.5 116.3

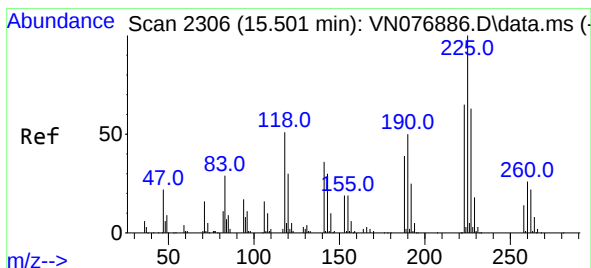
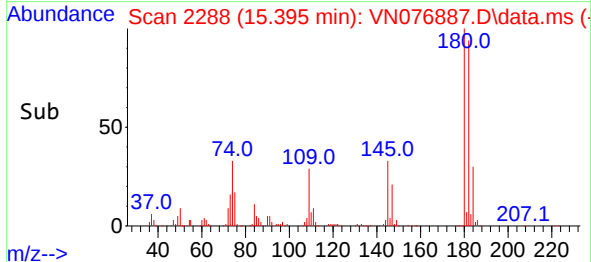
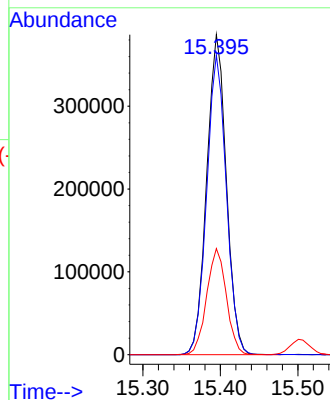
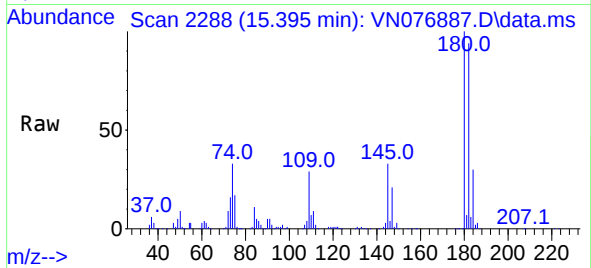




#89  
1,2,4-Trichlorobenzene  
Concen: 109.305 ug/l  
RT: 15.395 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

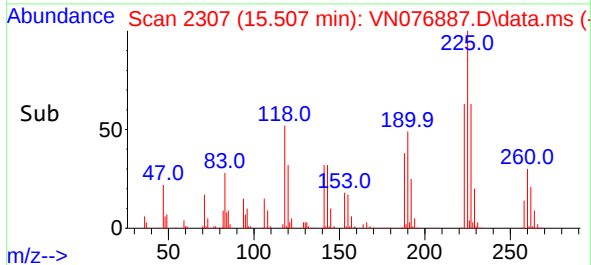
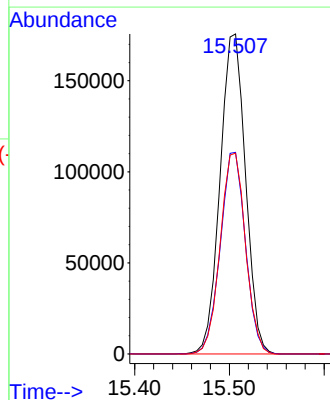
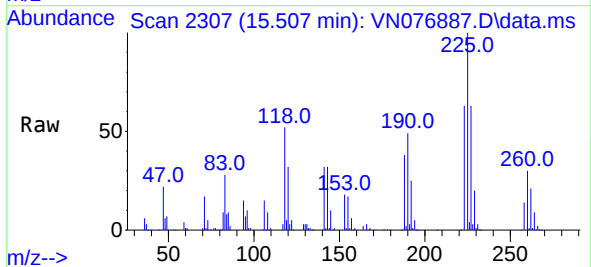
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ClientSampleId :  
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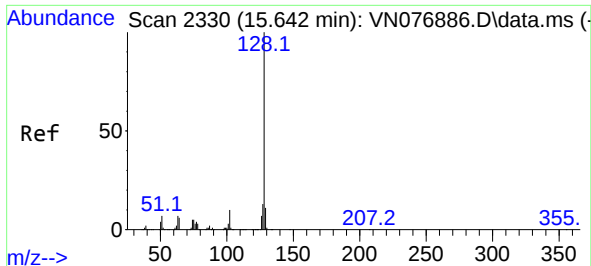
Tgt Ion:180 Resp: 680647  
Ion Ratio Lower Upper  
180 100  
182 93.8 76.6 115.0  
145 33.3 24.6 36.8



#90  
Hexachlorobutadiene  
Concen: 107.904 ug/l  
RT: 15.507 min Scan# 2307  
Delta R.T. 0.006 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion:225 Resp: 328116  
Ion Ratio Lower Upper  
225 100  
223 62.1 0.0 135.4  
227 62.3 0.0 129.4

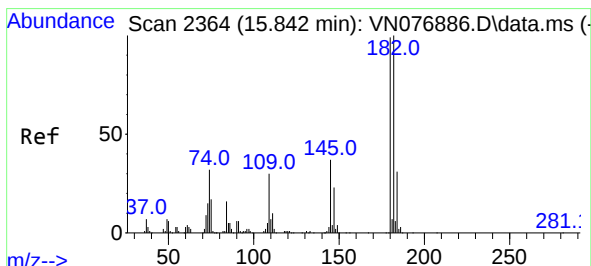
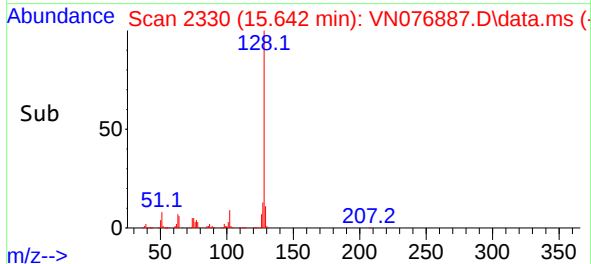
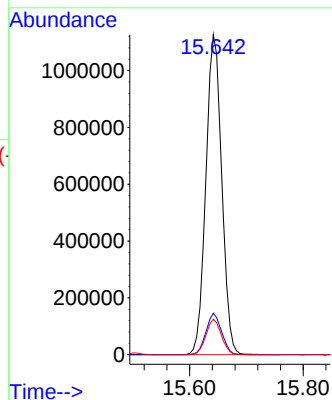
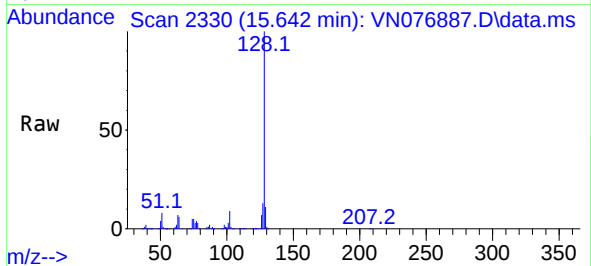




#91  
Naphthalene  
Concen: 109.002 ug/l  
RT: 15.642 min Scan# 2330  
Delta R.T. 0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion:128 Resp: 2176276  
Ion Ratio Lower Upper  
128 100  
127 12.8 11.0 16.6  
129 10.8 8.9 13.3



#92  
1,2,3-Trichlorobenzene  
Concen: 103.497 ug/l  
RT: 15.842 min Scan# 2364  
Delta R.T. -0.000 min  
Lab File: VN076887.D  
Acq: 08 Mar 2023 19:35

Tgt Ion:180 Resp: 655340  
Ion Ratio Lower Upper  
180 100  
182 94.6 0.0 190.8  
145 35.5 0.0 65.0

