

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121422\  
 Data File : VN075767.D  
 Acq On : 14 Dec 2022 12:32  
 Operator : JC\MD  
 Sample : VSTDIC075  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC075

Quant Time: Dec 15 00:26:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------------|----------|
| -----                        |        |       |          |          |             |          |
| Internal Standards           |        |       |          |          |             |          |
| 1) Pentafluorobenzene        | 8.230  | 168   | 292993   | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106  | 114   | 473944   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 435074   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 218087   | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds  |        |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4    | 8.583  | 65    | 243292   | 76.327   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | = 152.660%# |          |
| 35) Dibromofluoromethane     | 8.171  | 113   | 218637   | 74.491   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 148.980%# |          |
| 50) Toluene-d8               | 10.571 | 98    | 844759   | 76.979   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | = 153.960%# |          |
| 62) 4-Bromofluorobenzene     | 12.853 | 95    | 285824   | 78.638   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | = 157.280%# |          |
| Target Compounds             |        |       |          |          |             | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.136  | 85    | 151730   | 72.935   | ug/l        | 96       |
| 3) Chloromethane             | 2.371  | 50    | 176297   | 68.151   | ug/l        | 96       |
| 4) Vinyl Chloride            | 2.524  | 62    | 222475   | 72.097   | ug/l        | 98       |
| 5) Bromomethane              | 2.936  | 94    | 194118   | 74.021   | ug/l        | 98       |
| 6) Chloroethane              | 3.112  | 64    | 166683   | 72.943   | ug/l        | 99       |
| 7) Trichlorofluoromethane    | 3.501  | 101   | 342728   | 73.196   | ug/l        | 98       |
| 8) Diethyl Ether             | 3.971  | 74    | 131645   | 76.977   | ug/l        | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 4.383  | 101   | 198731   | 74.328   | ug/l        | 98       |
| 10) Methyl Iodide            | 4.600  | 142   | 328560   | 75.720   | ug/l        | 100      |
| 11) Tert butyl alcohol       | 5.536  | 59    | 181233   | 401.824  | ug/l        | 100      |
| 12) 1,1-Dichloroethene       | 4.348  | 96    | 196214   | 75.561   | ug/l        | 97       |
| 13) Acrolein                 | 4.189  | 56    | 213017   | 385.242  | ug/l        | 97       |
| 14) Allyl chloride           | 5.036  | 41    | 231760   | 76.347   | ug/l        | 92       |
| 15) Acrylonitrile            | 5.730  | 53    | 473885   | 385.014  | ug/l        | 99       |
| 16) Acetone                  | 4.436  | 43    | 381605   | 347.296  | ug/l        | 97       |
| 17) Carbon Disulfide         | 4.718  | 76    | 478871   | 76.165   | ug/l        | 99       |
| 18) Methyl Acetate           | 5.036  | 43    | 242806   | 74.757   | ug/l        | 98       |
| 19) Methyl tert-butyl Ether  | 5.806  | 73    | 684090   | 79.998   | ug/l        | 99       |
| 20) Methylene Chloride       | 5.283  | 84    | 218222   | 74.556   | ug/l        | 98       |
| 21) trans-1,2-Dichloroethene | 5.795  | 96    | 215806   | 75.885   | ug/l        | 96       |
| 22) Diisopropyl ether        | 6.683  | 45    | 591443   | 80.204   | ug/l        | 98       |
| 23) Vinyl Acetate            | 6.612  | 43    | 2105898  | 424.284  | ug/l        | 98       |
| 24) 1,1-Dichloroethane       | 6.577  | 63    | 369606   | 75.153   | ug/l        | 99       |
| 25) 2-Butanone               | 7.489  | 43    | 601399   | 390.898  | ug/l        | 97       |
| 26) 2,2-Dichloropropane      | 7.494  | 77    | 326817   | 78.470   | ug/l        | 96       |
| 27) cis-1,2-Dichloroethene   | 7.489  | 96    | 264605   | 77.797   | ug/l        | 99       |
| 28) Bromochloromethane       | 7.818  | 49    | 161166   | 74.767   | ug/l        | 99       |
| 29) Tetrahydrofuran          | 7.841  | 42    | 389388   | 403.870  | ug/l        | 100      |
| 30) Chloroform               | 7.971  | 83    | 417581   | 75.413   | ug/l        | 93       |
| 31) Cyclohexane              | 8.265  | 56    | 318130   | 69.688   | ug/l        | 93       |
| 32) 1,1,1-Trichloroethane    | 8.171  | 97    | 384027   | 78.228   | ug/l        | 96       |
| 36) 1,1-Dichloropropene      | 8.377  | 75    | 304476   | 78.092   | ug/l        | 99       |
| 37) Ethyl Acetate            | 7.565  | 43    | 242380   | 77.393   | ug/l        | 98       |
| 38) Carbon Tetrachloride     | 8.365  | 117   | 346627   | 79.432   | ug/l        | 97       |
| 39) Methylcyclohexane        | 9.606  | 83    | 387628   | 82.408   | ug/l        | 99       |
| 40) Benzene                  | 8.612  | 78    | 911786   | 75.795   | ug/l        | 99       |

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 Sample : VSTDIC075  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC075

Quant Time: Dec 15 00:26:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 133590   | 82.064   | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 306481   | 76.633   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.694  | 43   | 427434   | 82.738   | ug/l   | 99       |
| 44) Trichloroethene           | 9.353  | 130  | 255006   | 75.246   | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 221608   | 75.703   | ug/l   | 99       |
| 46) Dibromomethane            | 9.712  | 93   | 166446   | 76.660   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.888  | 83   | 335875   | 78.884   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.682  | 41   | 196833   | 84.594   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 94972    | 1660.272 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 1297545  | 415.312  | ug/l   | 99       |
| 52) Toluene                   | 10.629 | 92   | 618247   | 78.913   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 357563   | 85.789   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 380128   | 83.067   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 240297   | 78.143   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 356915   | 87.381   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 393981   | 78.107   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 585430   | 450.174  | ug/l   | 98       |
| 59) 2-Hexanone                | 11.194 | 43   | 948216   | 416.170  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.359 | 129  | 277322   | 81.093   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 252678   | 81.197   | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 223842   | 73.115   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.894 | 112  | 668494   | 74.861   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 255346   | 77.200   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 1206221  | 80.035   | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.076 | 106  | 951653   | 159.535  | ug/l   | 99       |
| 69) o-Xylene                  | 12.400 | 106  | 470786   | 79.751   | ug/l   | 100      |
| 70) Styrene                   | 12.412 | 104  | 779819   | 83.083   | ug/l   | 99       |
| 71) Bromoform                 | 12.582 | 173  | 202250   | 84.034   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.700 | 105  | 1224516  | 77.698   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.494 | 43   | 391975   | 84.780   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 350105   | 71.861   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 427457   | 97.235   | ug/l   | 74       |
| 77) Bromobenzene              | 12.982 | 156  | 292992   | 73.460   | ug/l   | 99       |
| 78) n-propylbenzene           | 13.035 | 91   | 1405706  | 80.870   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 819561   | 75.532   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 1042441  | 79.031   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 107807   | 88.272   | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 13.129 | 91   | 819561   | 75.532   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.441 | 119  | 926589   | 79.675   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 1051567  | 80.363   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.618 | 105  | 1333949  | 83.104   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 1138356  | 85.230   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 570647   | 77.455   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 561966   | 74.666   | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.059 | 91   | 962297   | 88.934   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.335 | 117  | 200559   | 83.945   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 560324   | 77.212   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 65940    | 76.276   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 308943   | 85.991   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 158601   | 80.913   | ug/l   | 99       |
| 95) Naphthalene               | 15.641 | 128  | 923967   | 76.634   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 297931   | 88.724   | ug/l   | 100      |

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Operator : JC\MD  
Sample : VSTDICC075  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC075

Quant Time: Dec 15 00:26:27 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 14 13:03:41 2022  
Response via : Initial Calibration

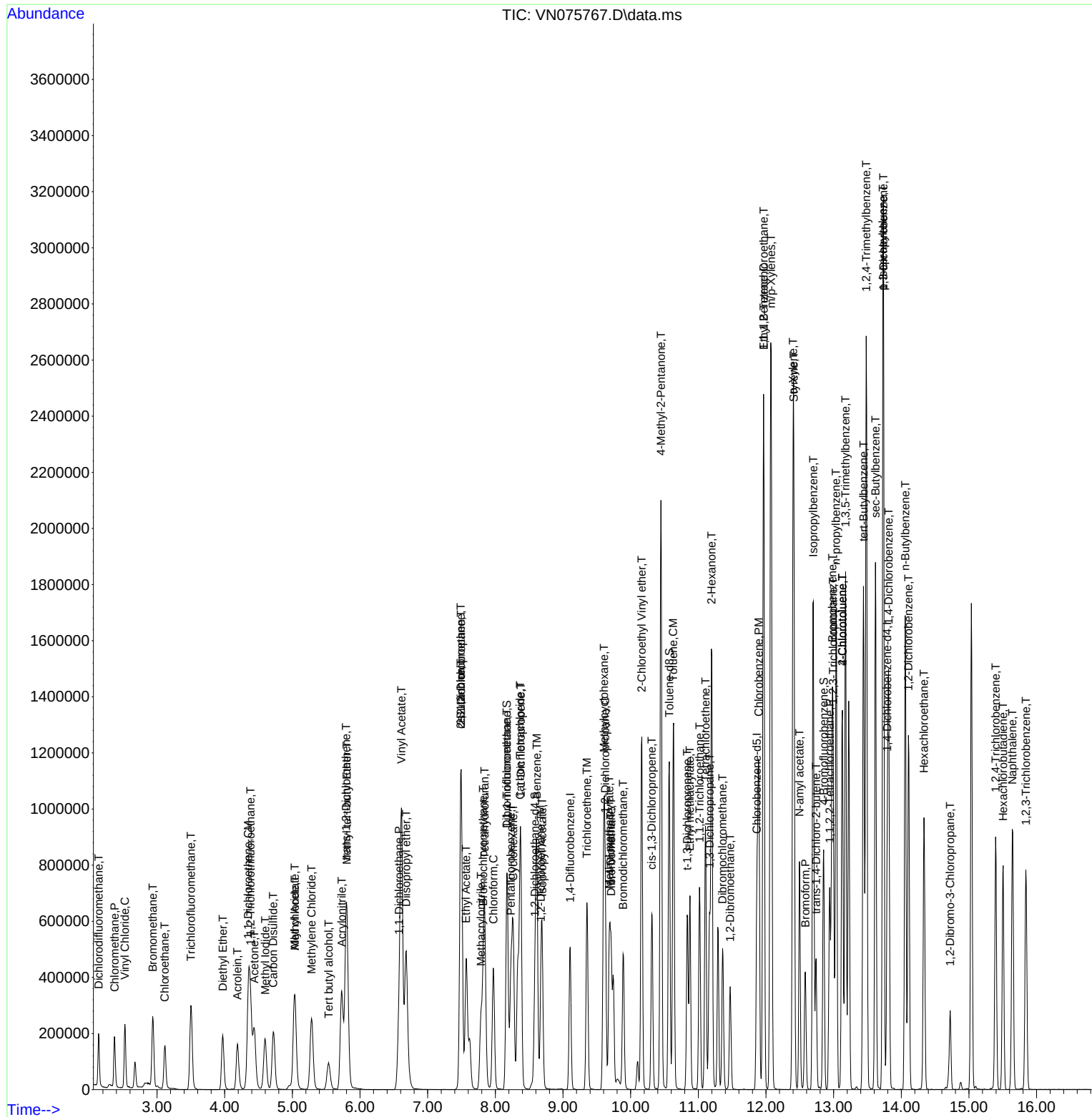
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

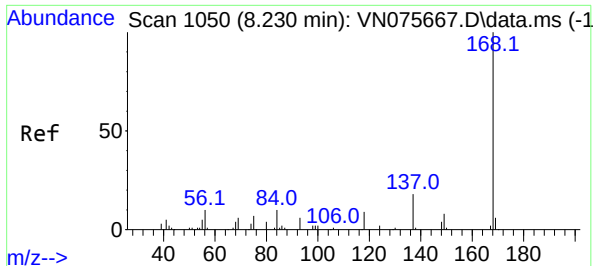
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 Sample : VSTDIC075  
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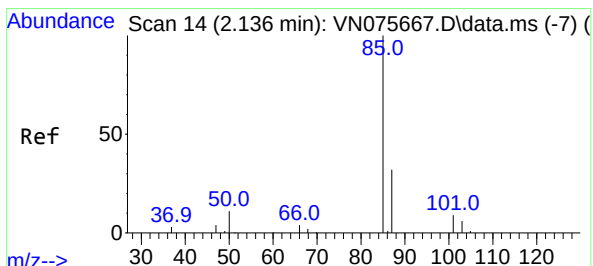
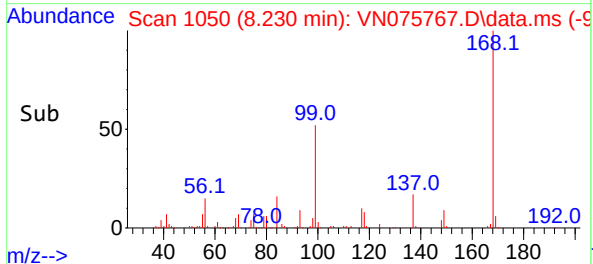
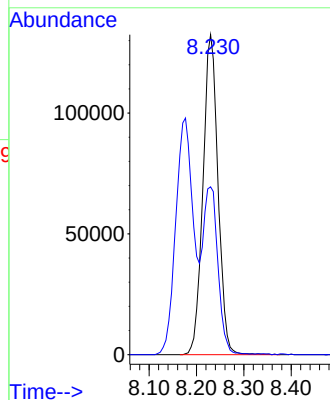
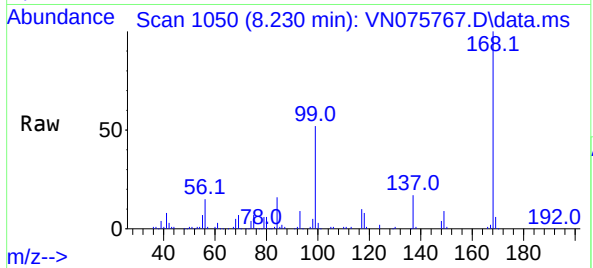




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

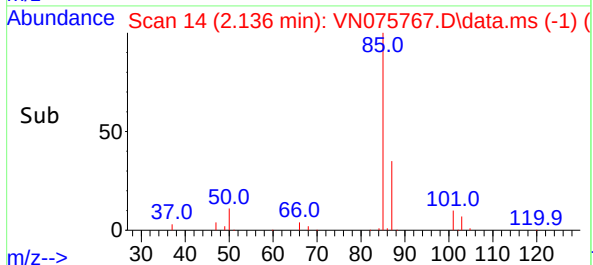
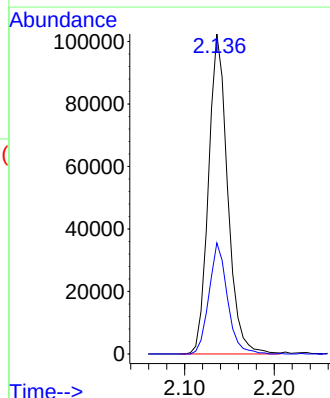
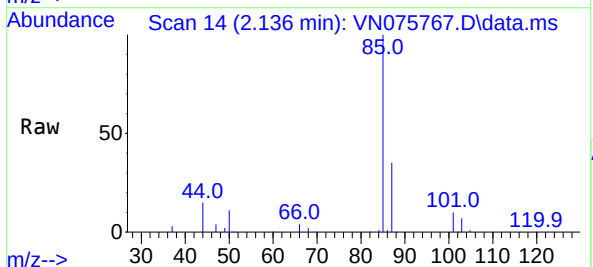
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC075

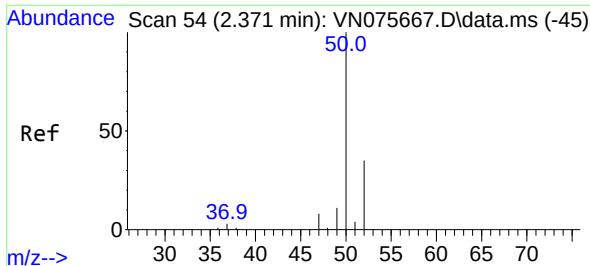
Tgt Ion:168 Resp: 292993  
Ion Ratio Lower Upper  
168 100  
99 52.2 44.2 66.4



#2  
Dichlorodifluoromethane  
Concen: 72.935 ug/l  
RT: 2.136 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 85 Resp: 151730  
Ion Ratio Lower Upper  
85 100  
87 34.7 16.3 48.9

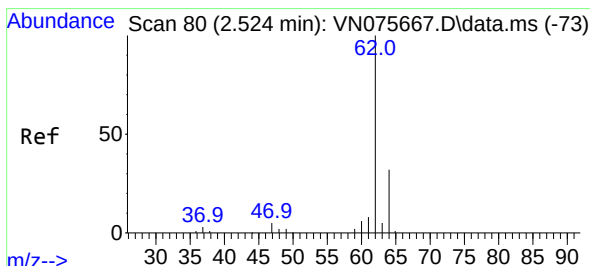
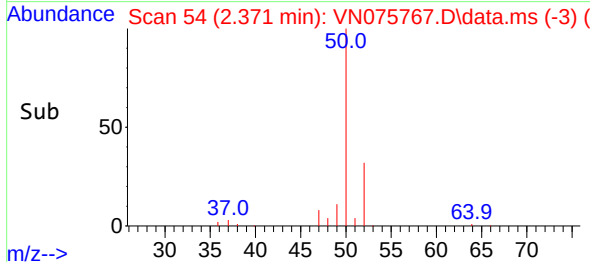
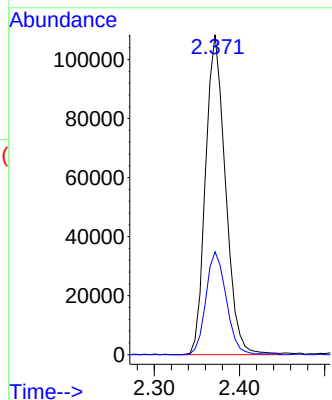
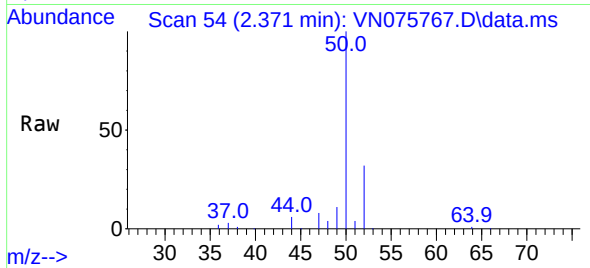




#3  
Chloromethane  
Concen: 68.151 ug/l  
RT: 2.371 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

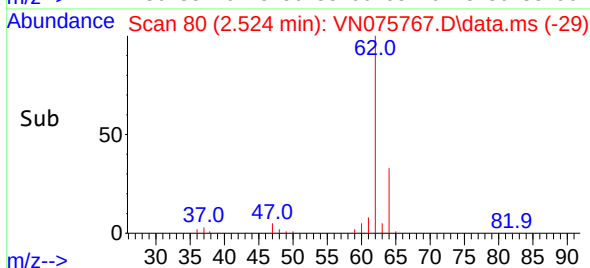
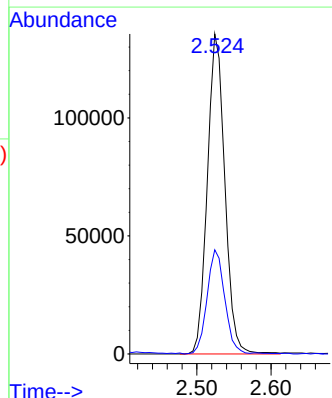
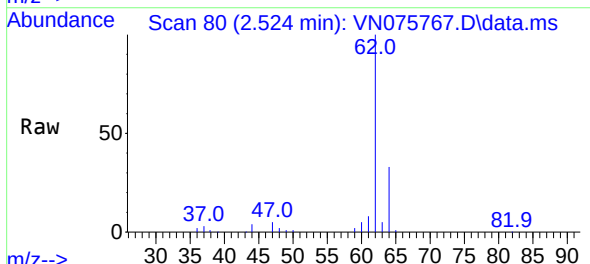
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC075

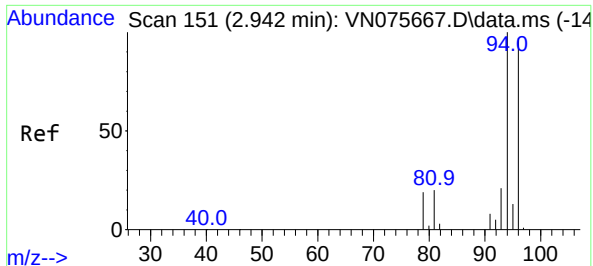
Tgt Ion: 50 Resp: 176297  
Ion Ratio Lower Upper  
50 100  
52 32.2 27.7 41.5



#4  
Vinyl Chloride  
Concen: 72.097 ug/l  
RT: 2.524 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 62 Resp: 222475  
Ion Ratio Lower Upper  
62 100  
64 32.4 24.9 37.3

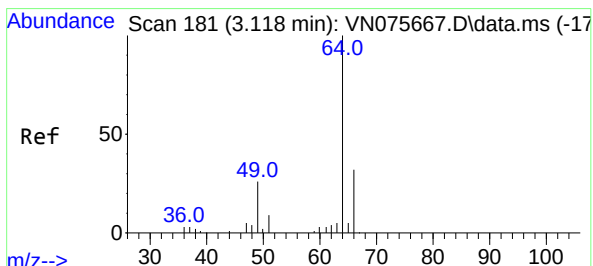
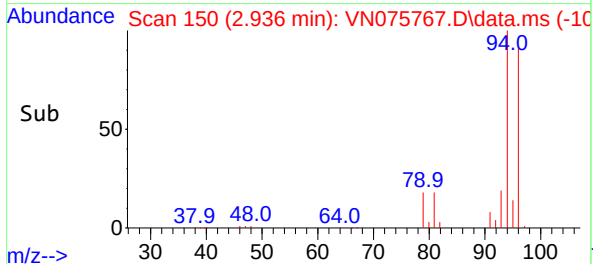
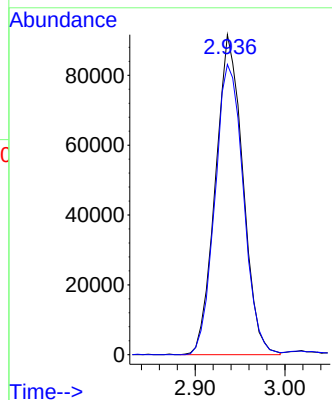
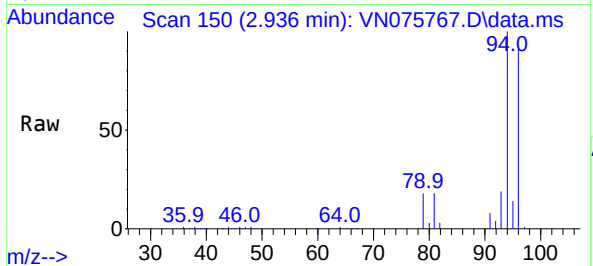




#5  
Bromomethane  
Concen: 74.021 ug/l  
RT: 2.936 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

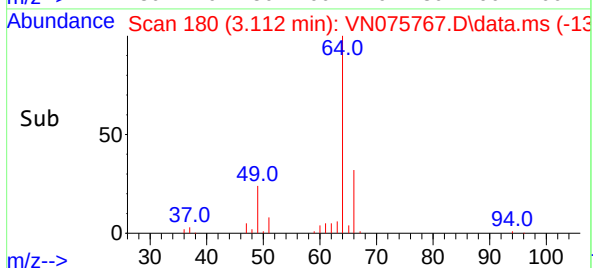
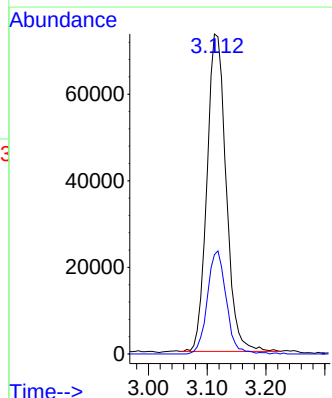
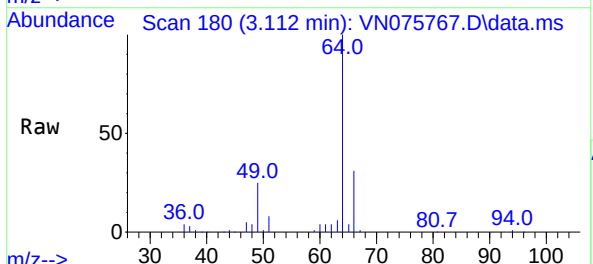
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC075

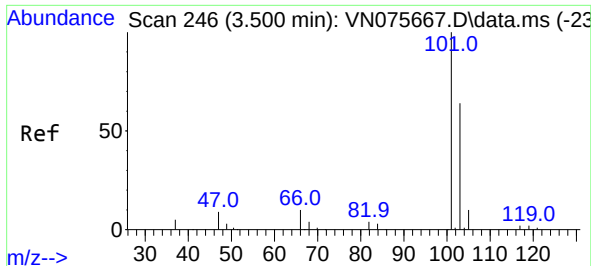
Tgt Ion: 94 Resp: 194118  
Ion Ratio Lower Upper  
94 100  
96 90.7 73.8 110.6



#6  
Chloroethane  
Concen: 72.943 ug/l  
RT: 3.112 min Scan# 180  
Delta R.T. -0.006 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 64 Resp: 166683  
Ion Ratio Lower Upper  
64 100  
66 31.3 24.6 36.8

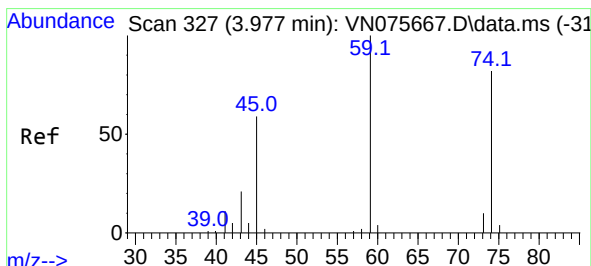
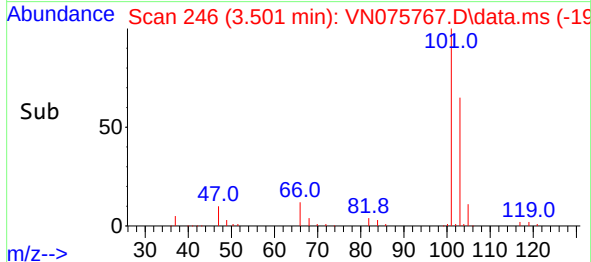
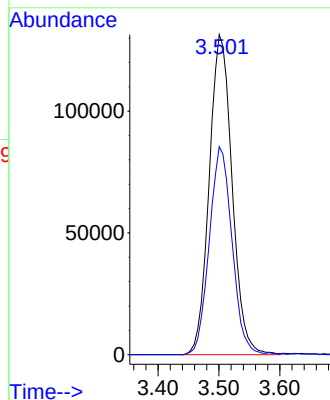
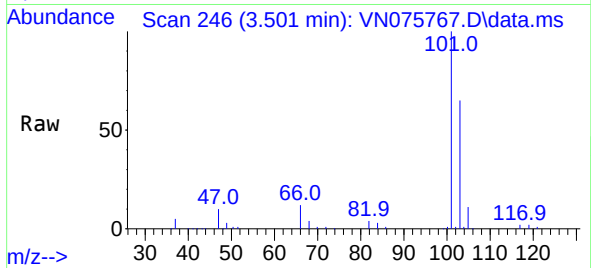




#7  
 Trichlorofluoromethane  
 Concen: 73.196 ug/l  
 RT: 3.501 min Scan# 246  
 Delta R.T. 0.000 min  
 Lab File: VN075767.D  
 Acq: 14 Dec 2022 12:32

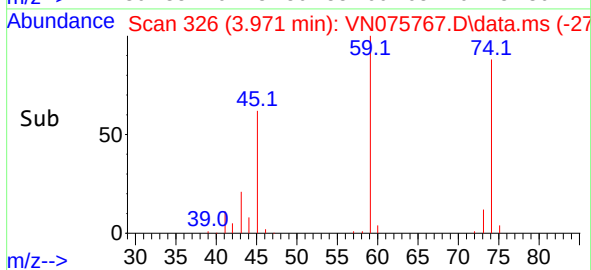
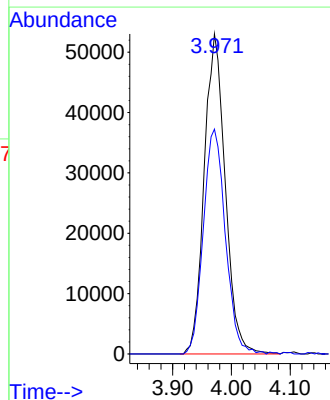
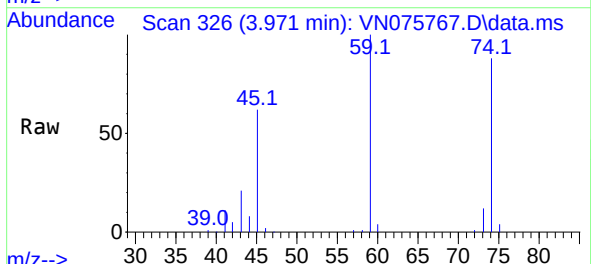
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC075

Tgt Ion:101 Resp: 342728  
 Ion Ratio Lower Upper  
 101 100  
 103 65.0 53.4 80.2

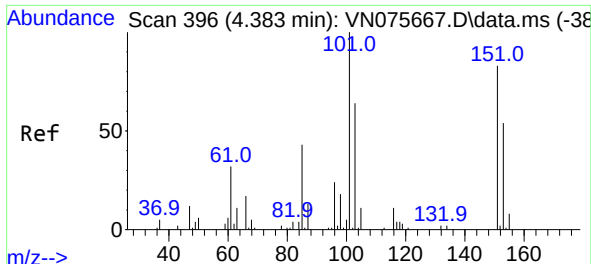


#8  
 Diethyl Ether  
 Concen: 76.977 ug/l  
 RT: 3.971 min Scan# 326  
 Delta R.T. 0.000 min  
 Lab File: VN075767.D  
 Acq: 14 Dec 2022 12:32

Tgt Ion: 74 Resp: 131645  
 Ion Ratio Lower Upper  
 74 100  
 45 73.7 37.8 113.4



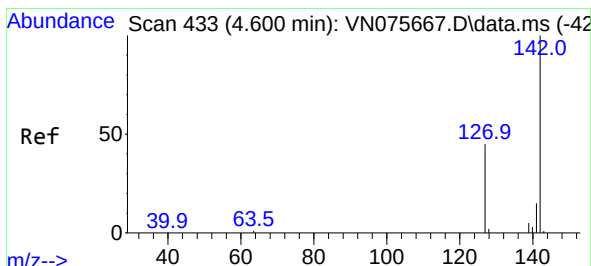
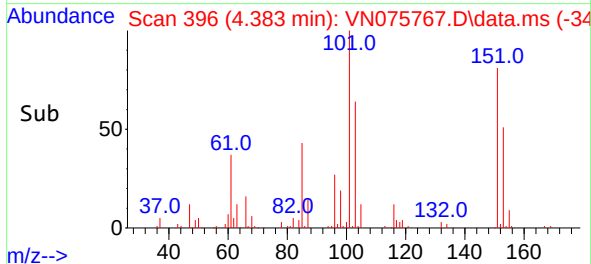
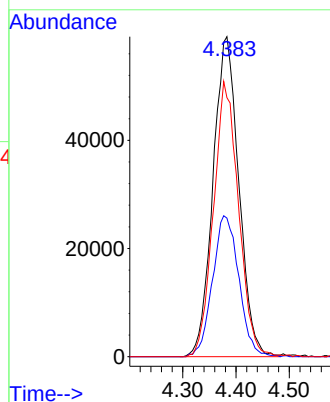
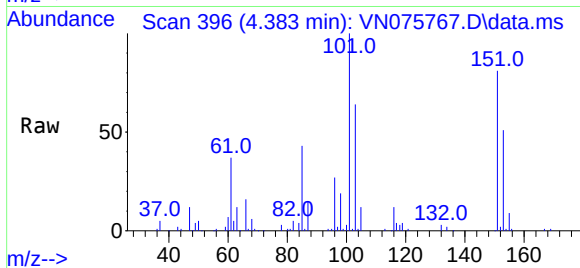




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 74.328 ug/l  
RT: 4.383 min Scan# 396  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

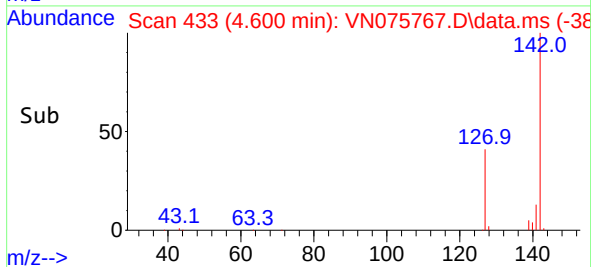
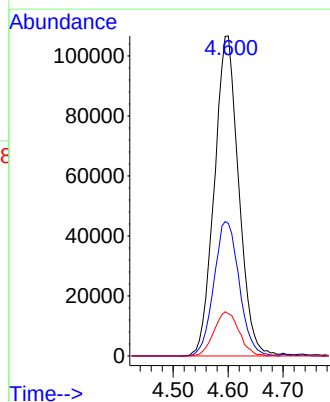
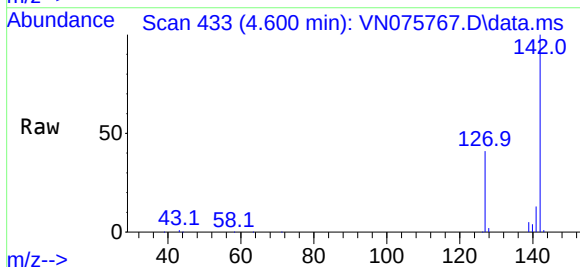
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC075

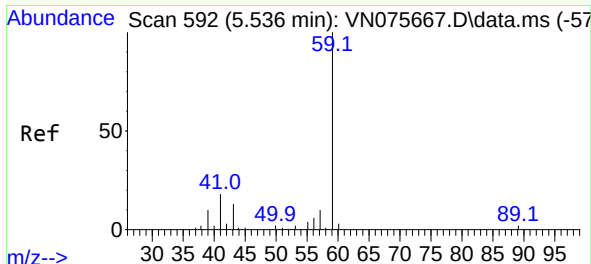
Tgt Ion:101 Resp: 198731  
Ion Ratio Lower Upper  
101 100  
85 44.9 35.3 52.9  
151 83.7 65.6 98.4



#10  
Methyl Iodide  
Concen: 75.720 ug/l  
RT: 4.600 min Scan# 433  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion:142 Resp: 328560  
Ion Ratio Lower Upper  
142 100  
127 43.6 34.7 52.1  
141 14.2 11.4 17.2

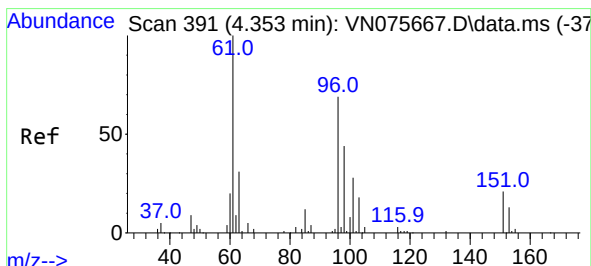
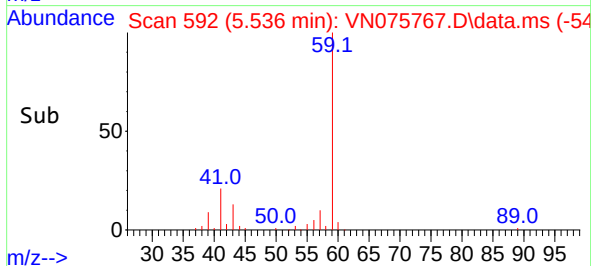
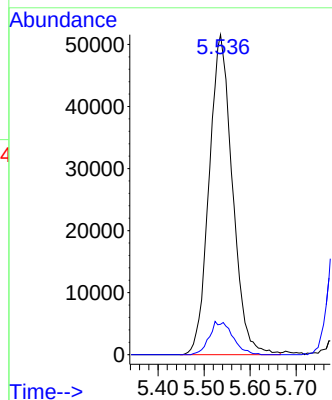
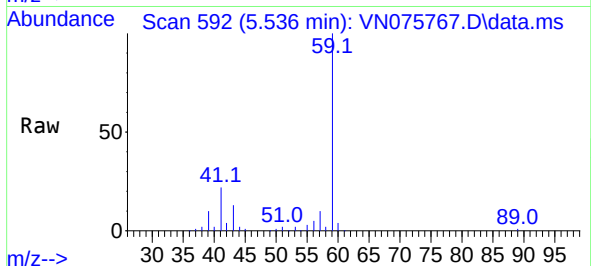




#11  
Tert butyl alcohol  
Concen: 401.824 ug/l  
RT: 5.536 min Scan# 591  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

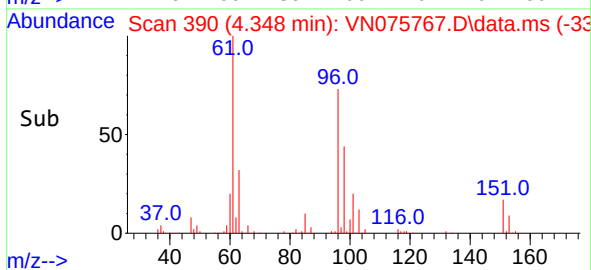
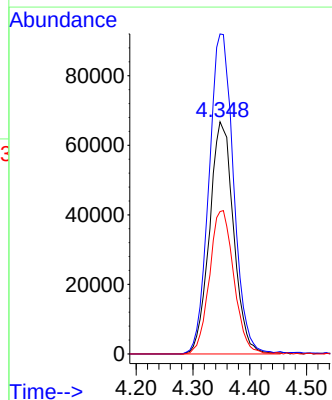
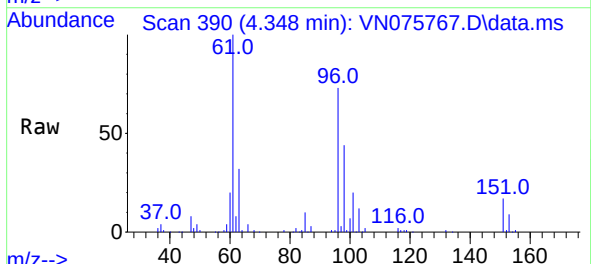
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC075

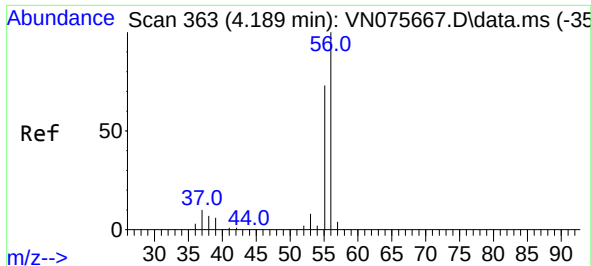
Tgt Ion: 59 Resp: 181233  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 75.561 ug/l  
RT: 4.348 min Scan# 390  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 96 Resp: 196214  
Ion Ratio Lower Upper  
96 100  
61 137.9 113.3 169.9  
98 61.3 50.9 76.3

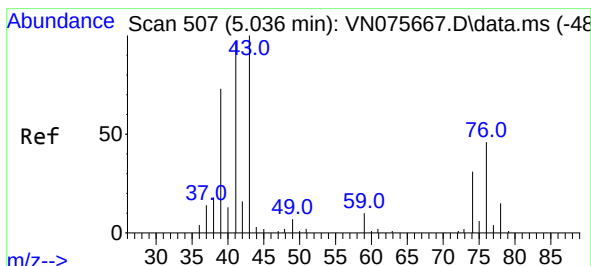
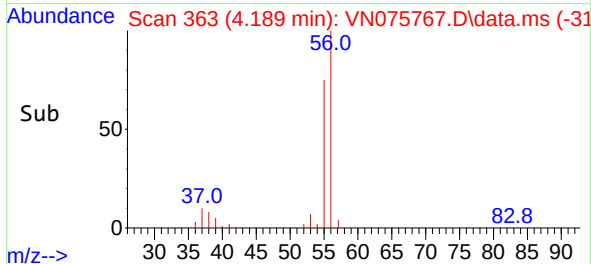
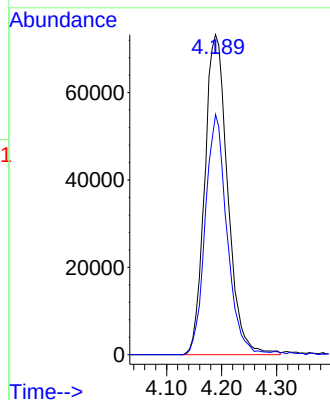
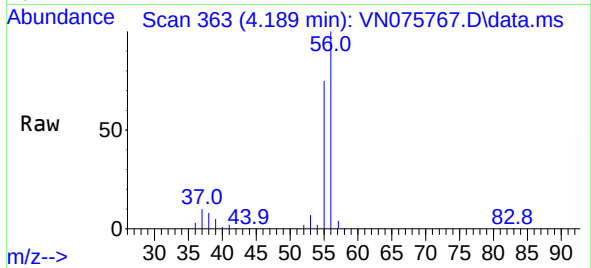




#13  
Acrolein  
Concen: 385.242 ug/l  
RT: 4.189 min Scan# 363  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

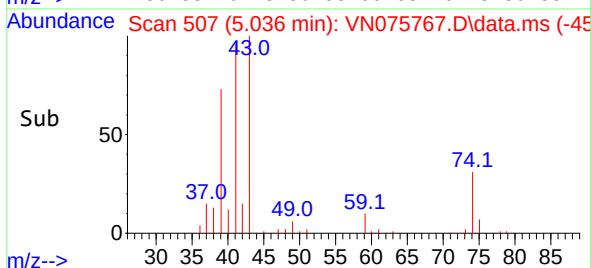
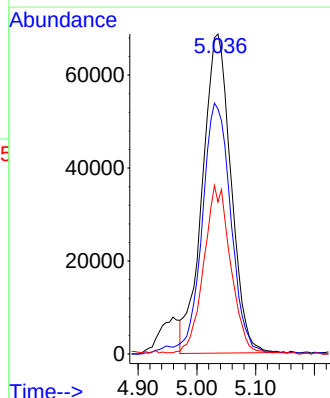
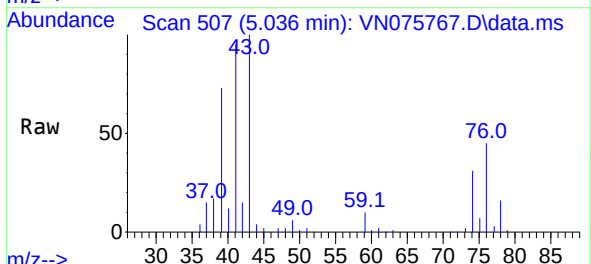
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC075

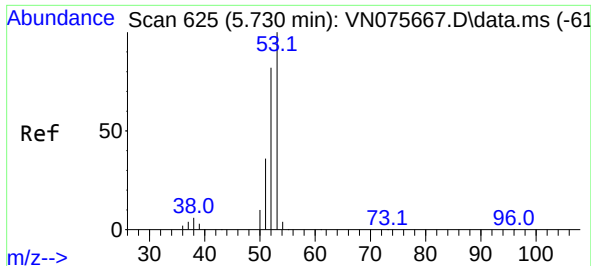
Tgt Ion: 56 Resp: 213017  
Ion Ratio Lower Upper  
56 100  
55 71.0 54.8 82.2



#14  
Allyl chloride  
Concen: 76.347 ug/l  
RT: 5.036 min Scan# 507  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 41 Resp: 231760  
Ion Ratio Lower Upper  
41 100  
39 80.1 58.3 87.5  
76 48.9 35.8 53.6

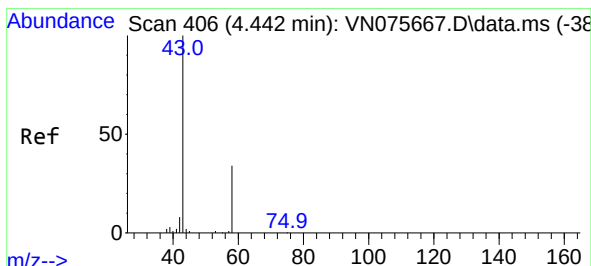
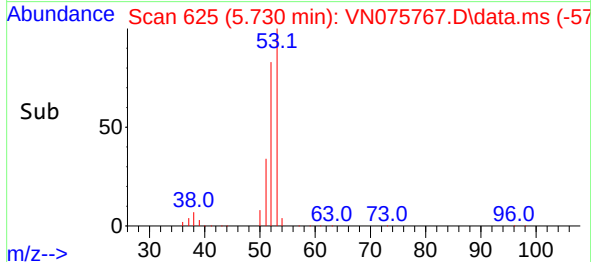
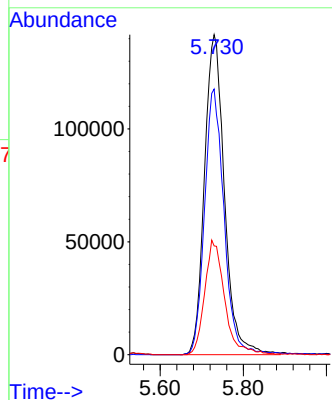
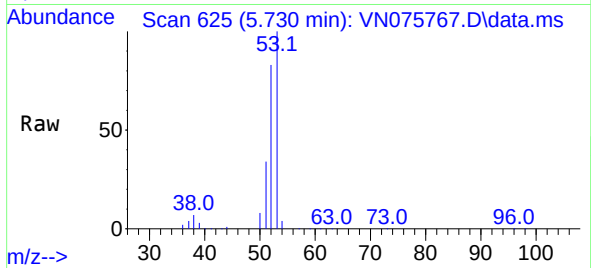




#15  
Acrylonitrile  
Concen: 385.014 ug/l  
RT: 5.730 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

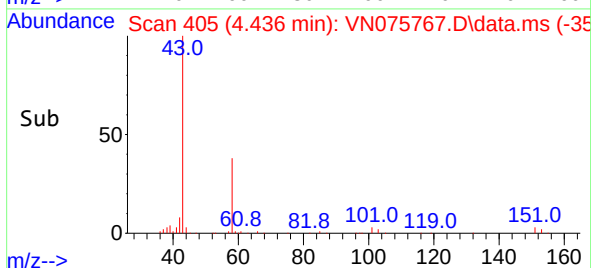
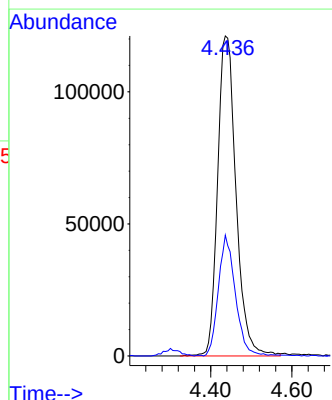
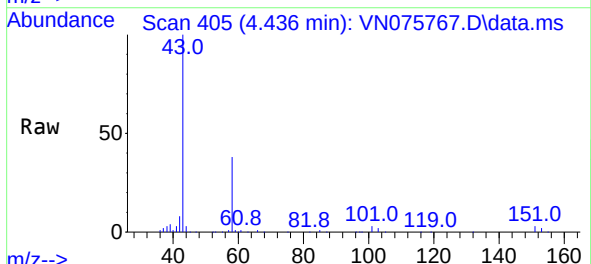
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC075

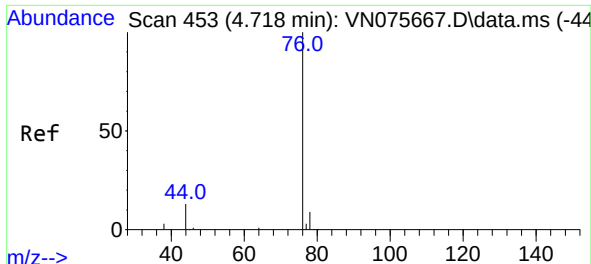
Tgt Ion: 53 Resp: 473885  
Ion Ratio Lower Upper  
53 100  
52 80.8 65.4 98.0  
51 35.7 28.9 43.3



#16  
Acetone  
Concen: 347.296 ug/l  
RT: 4.436 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 43 Resp: 381605  
Ion Ratio Lower Upper  
43 100  
58 37.5 28.6 43.0

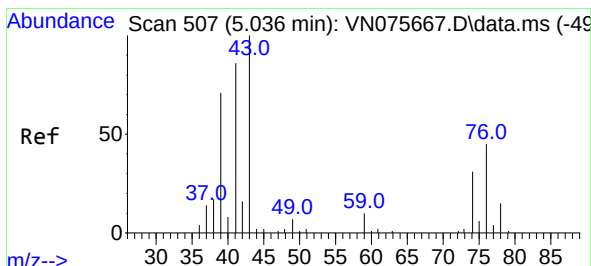
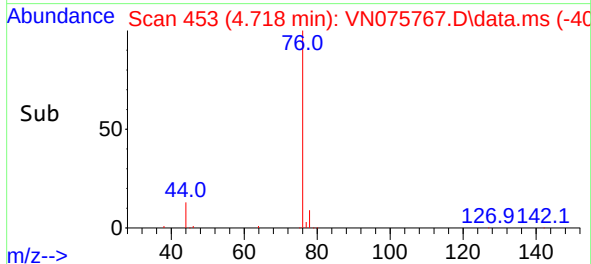
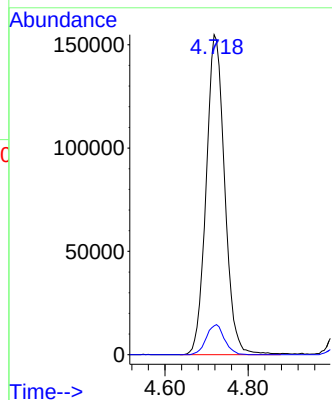
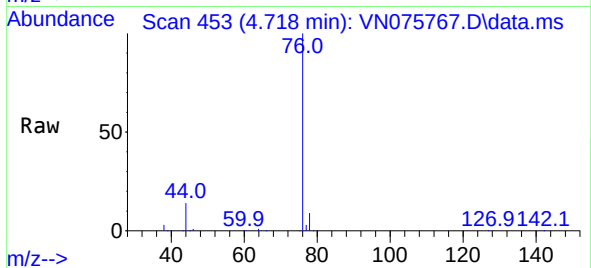




#17  
Carbon Disulfide  
Concen: 76.165 ug/l  
RT: 4.718 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

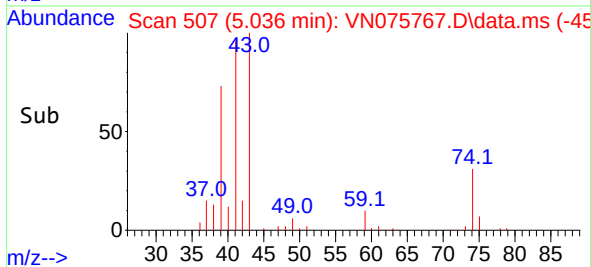
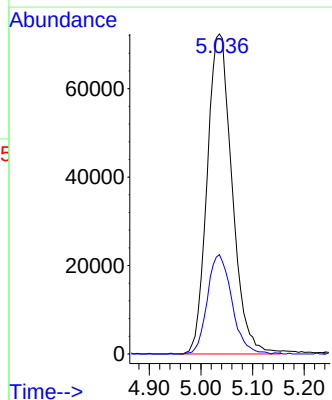
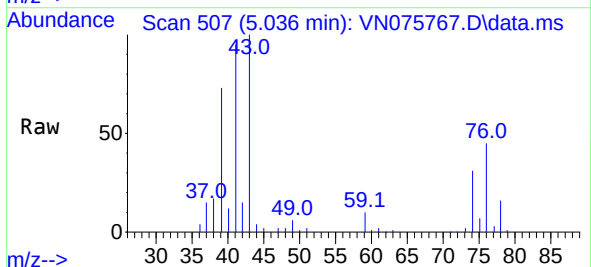
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC075

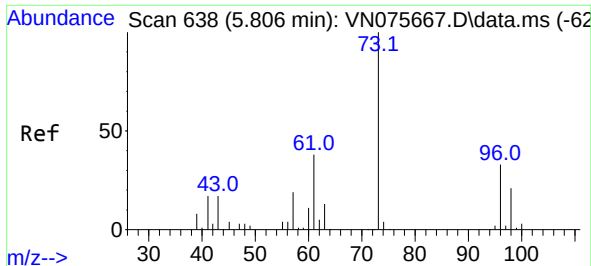
Tgt Ion: 76 Resp: 478871  
Ion Ratio Lower Upper  
76 100  
78 9.0 6.8 10.2



#18  
Methyl Acetate  
Concen: 74.757 ug/l  
RT: 5.036 min Scan# 507  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 43 Resp: 242806  
Ion Ratio Lower Upper  
43 100  
74 30.4 23.6 35.4

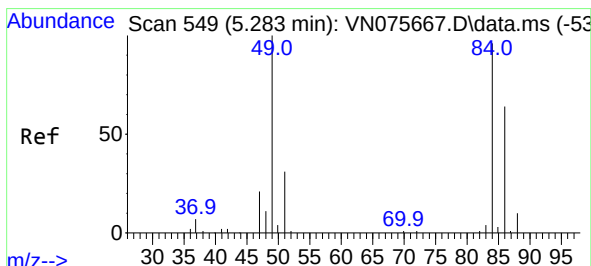
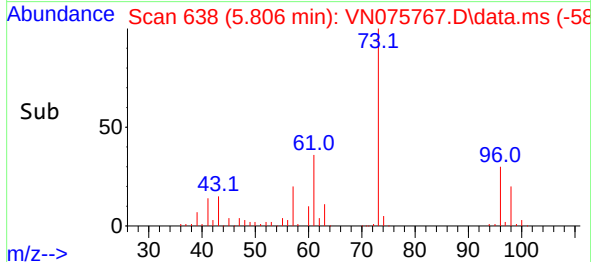
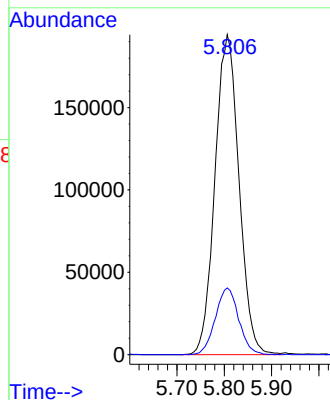
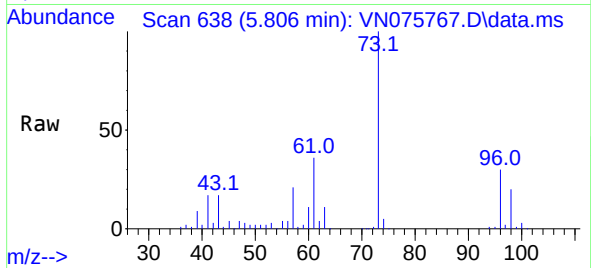




#19  
Methyl tert-butyl Ether  
Concen: 79.998 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

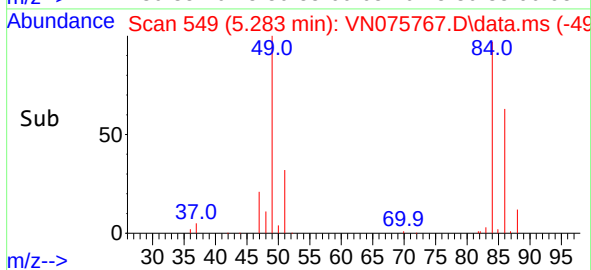
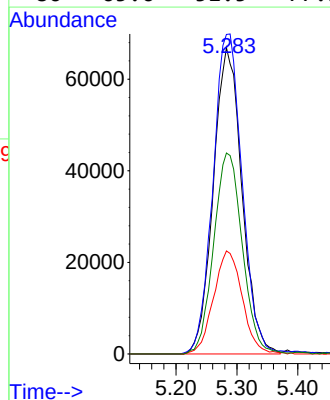
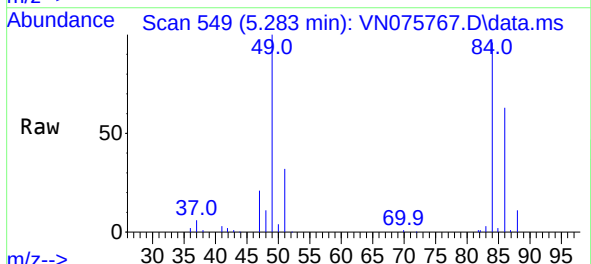
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC075

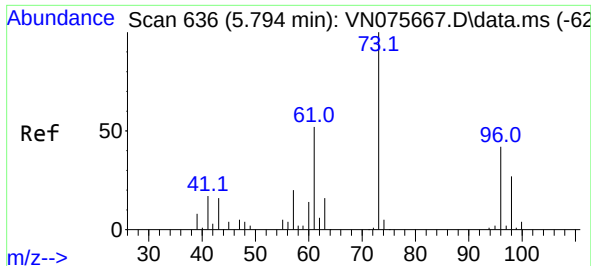
Tgt Ion: 73 Resp: 684090  
Ion Ratio Lower Upper  
73 100  
57 20.8 17.1 25.7



#20  
Methylene Chloride  
Concen: 74.556 ug/l  
RT: 5.283 min Scan# 549  
Delta R.T. -0.006 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 84 Resp: 218222  
Ion Ratio Lower Upper  
84 100  
49 104.3 81.8 122.6  
51 33.7 26.7 40.1  
86 65.6 51.5 77.3

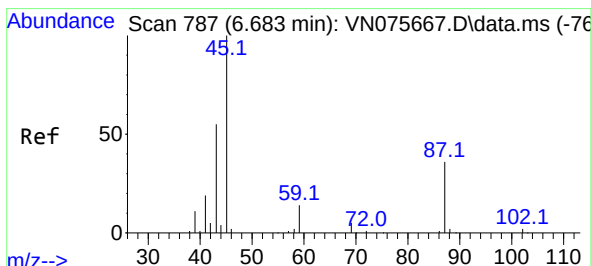
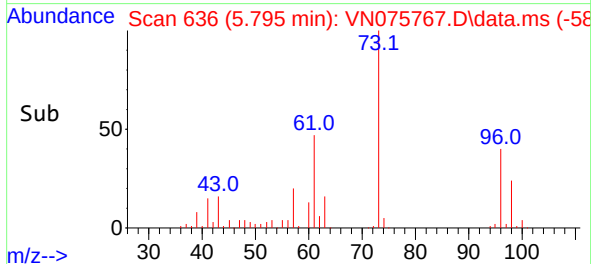
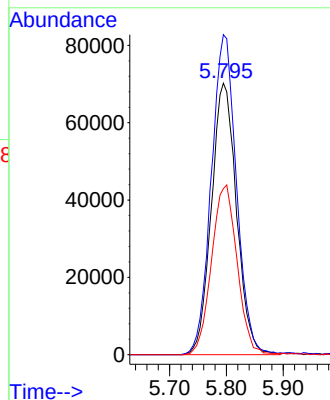
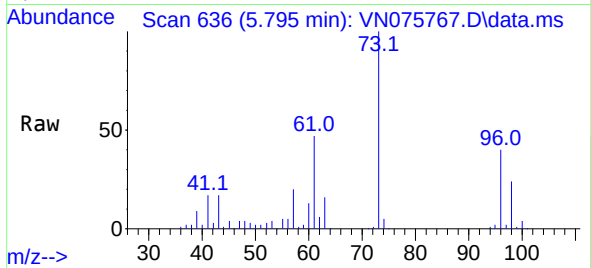




#21  
trans-1,2-Dichloroethene  
Concen: 75.885 ug/l  
RT: 5.795 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

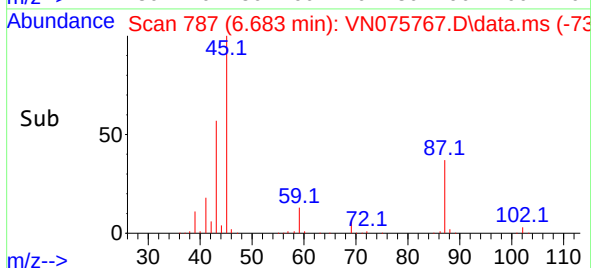
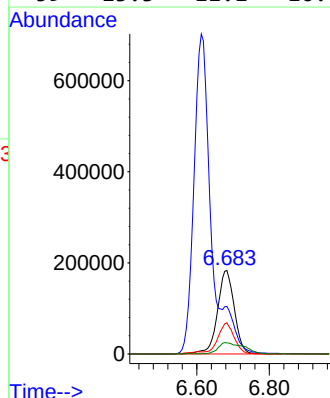
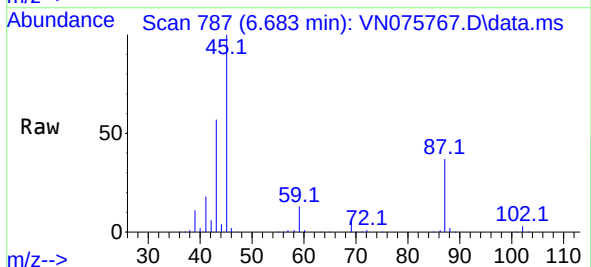
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC075

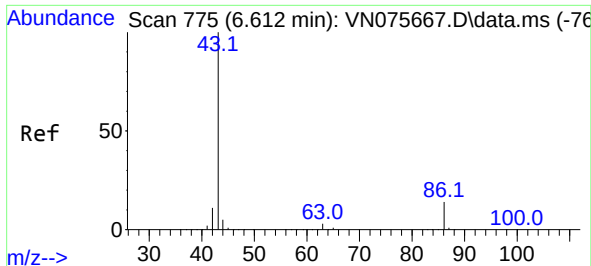
Tgt Ion: 96 Resp: 215806  
Ion Ratio Lower Upper  
96 100  
61 117.8 98.1 147.1  
98 61.1 51.4 77.2



#22  
Diisopropyl ether  
Concen: 80.204 ug/l  
RT: 6.683 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 45 Resp: 591443  
Ion Ratio Lower Upper  
45 100  
43 56.3 44.2 66.4  
87 37.3 28.3 42.5  
59 13.3 11.1 16.7

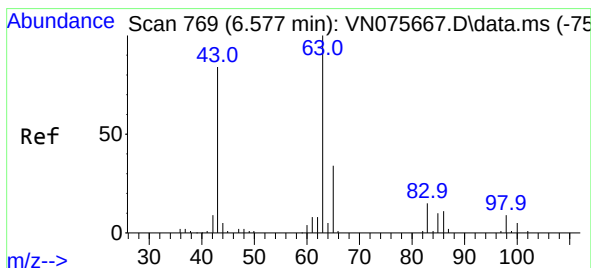
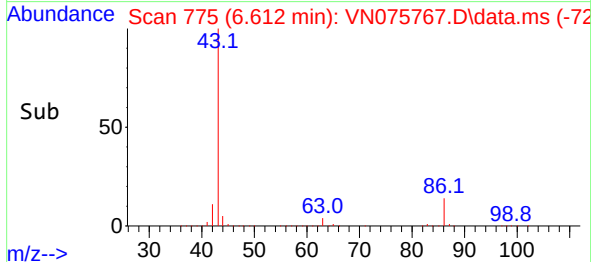
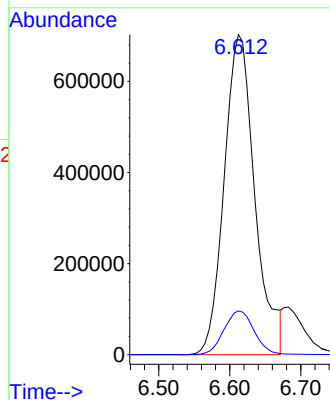
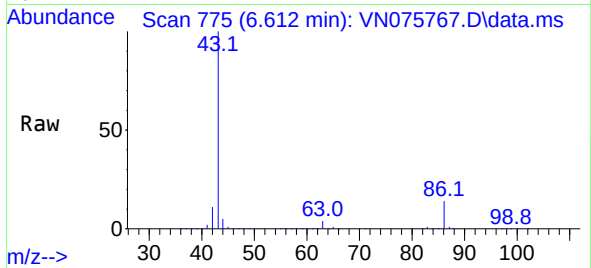




#23  
 Vinyl Acetate  
 Concen: 424.284 ug/l  
 RT: 6.612 min Scan# 775  
 Delta R.T. 0.000 min  
 Lab File: VN075767.D  
 Acq: 14 Dec 2022 12:32

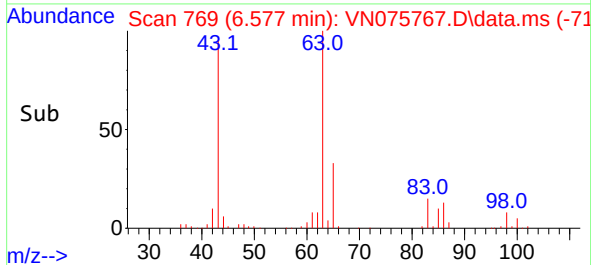
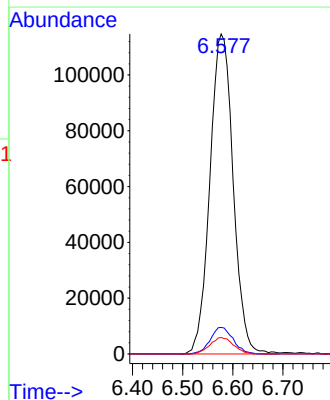
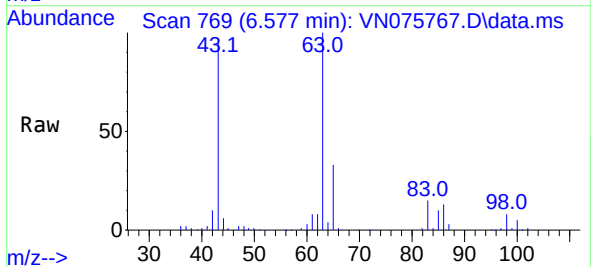
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC075

Tgt Ion: 43 Resp: 2105898  
 Ion Ratio Lower Upper  
 43 100  
 86 13.7 11.4 17.2

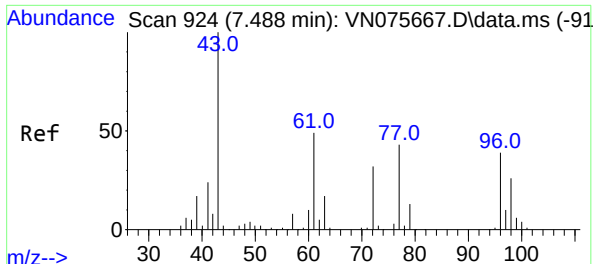


#24  
 1,1-Dichloroethane  
 Concen: 75.153 ug/l  
 RT: 6.577 min Scan# 769  
 Delta R.T. 0.000 min  
 Lab File: VN075767.D  
 Acq: 14 Dec 2022 12:32

Tgt Ion: 63 Resp: 369606  
 Ion Ratio Lower Upper  
 63 100  
 98 8.3 3.9 11.5  
 100 5.1 2.5 7.6







#25

2-Butanone

Concen: 390.898 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

Instrument :

MSVOA\_N

ClientSampleId :

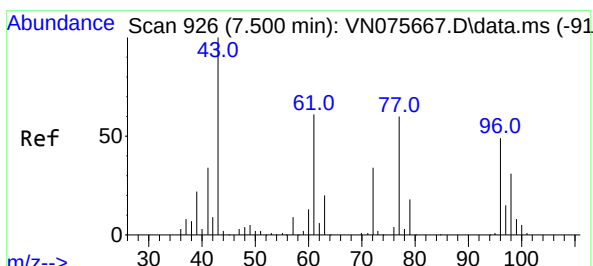
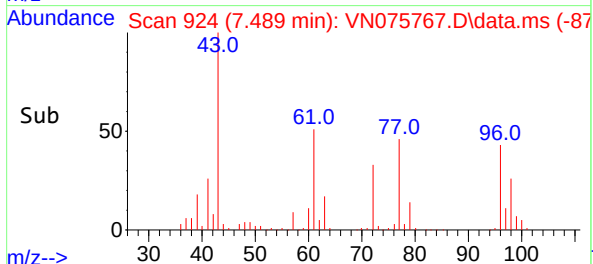
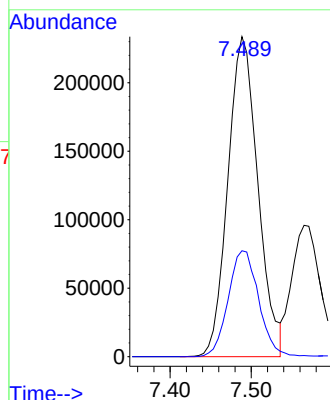
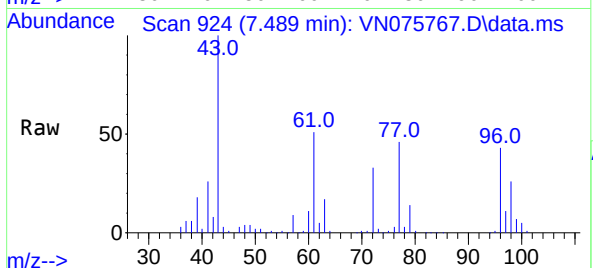
VSTDICC075

Tgt Ion: 43 Resp: 601399

Ion Ratio Lower Upper

43 100

72 33.1 28.0 42.0



#26

2,2-Dichloropropane

Concen: 78.470 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN075767.D

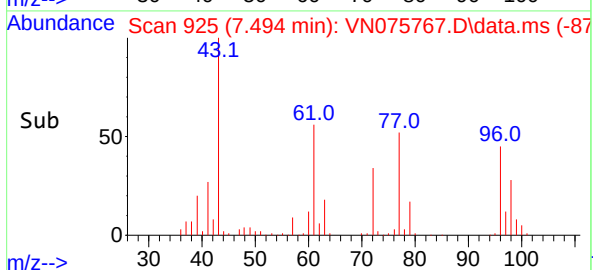
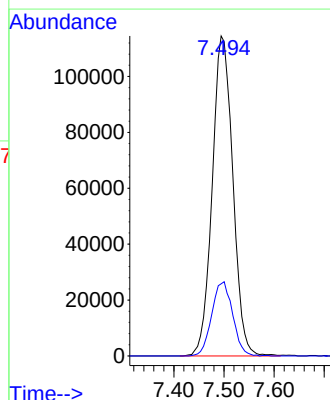
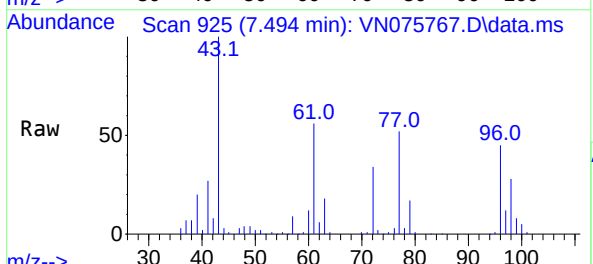
Acq: 14 Dec 2022 12:32

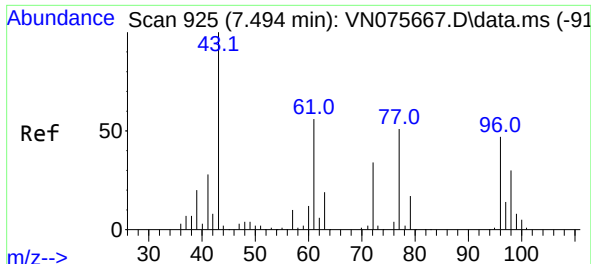
Tgt Ion: 77 Resp: 326817

Ion Ratio Lower Upper

77 100

97 23.5 12.7 38.0

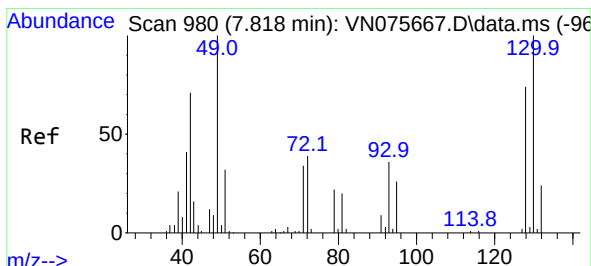
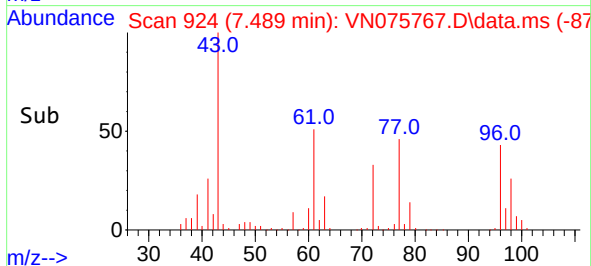
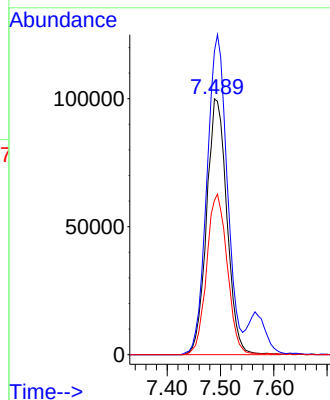
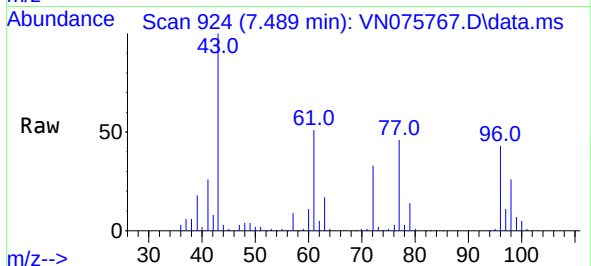




#27  
cis-1,2-Dichloroethene  
Concen: 77.797 ug/l  
RT: 7.489 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

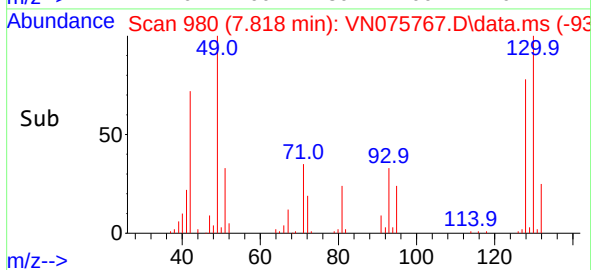
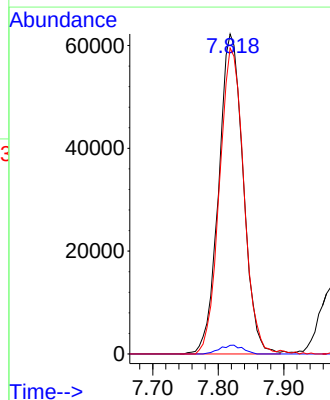
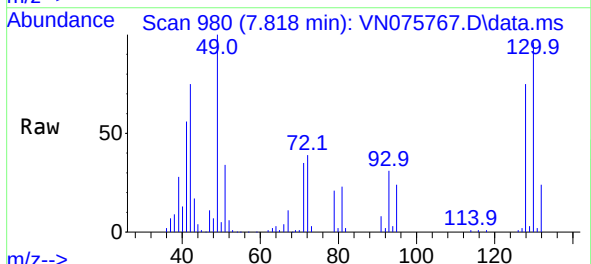
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC075

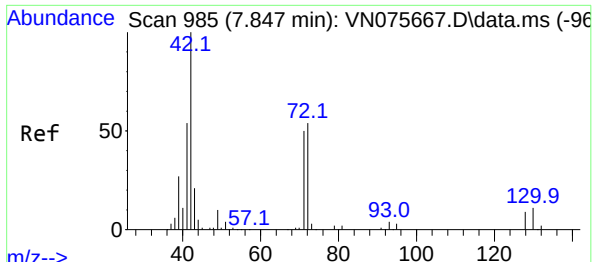
Tgt Ion: 96 Resp: 264605  
Ion Ratio Lower Upper  
96 100  
61 124.8 0.0 247.8  
98 63.7 0.0 128.4



#28  
Bromochloromethane  
Concen: 74.767 ug/l  
RT: 7.818 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 49 Resp: 161166  
Ion Ratio Lower Upper  
49 100  
129 2.6 0.0 5.0  
130 94.8 77.0 115.4

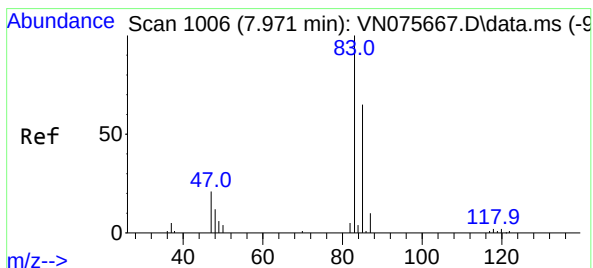
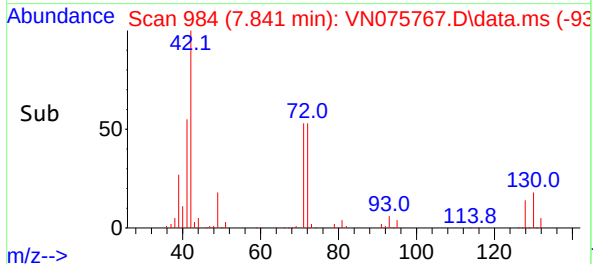
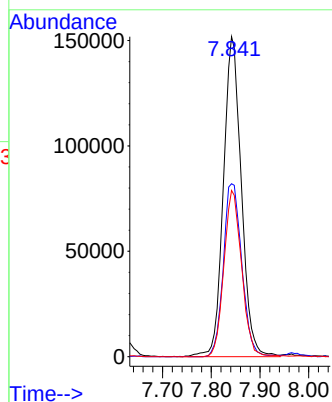
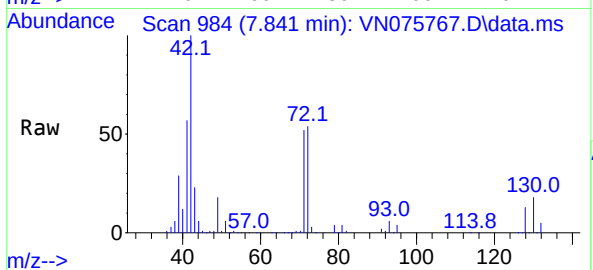




#29  
Tetrahydrofuran  
Concen: 403.870 ug/l  
RT: 7.841 min Scan# 984  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

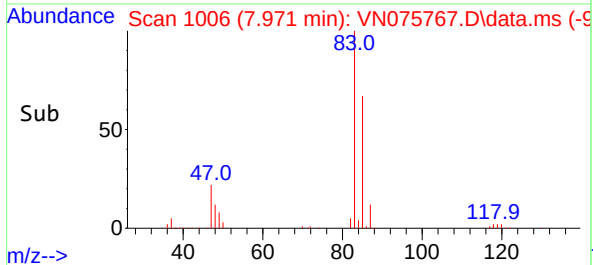
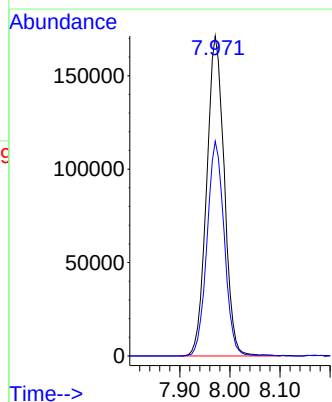
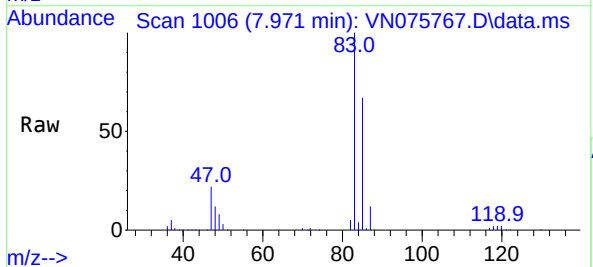
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC075

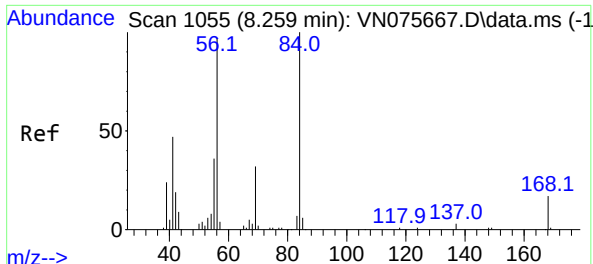
Tgt Ion: 42 Resp: 389388  
Ion Ratio Lower Upper  
42 100  
72 55.6 44.5 66.7  
71 51.4 41.0 61.6



#30  
Chloroform  
Concen: 75.413 ug/l  
RT: 7.971 min Scan# 1006  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 83 Resp: 417581  
Ion Ratio Lower Upper  
83 100  
85 67.1 49.1 73.7





#31

Cyclohexane

Concen: 69.688 ug/l

RT: 8.265 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC075

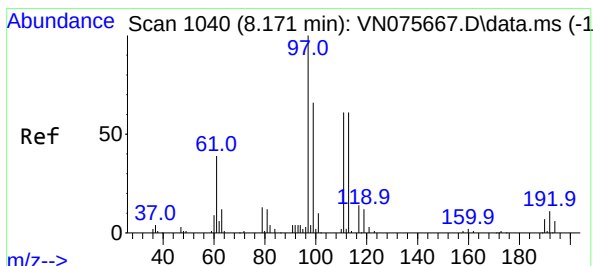
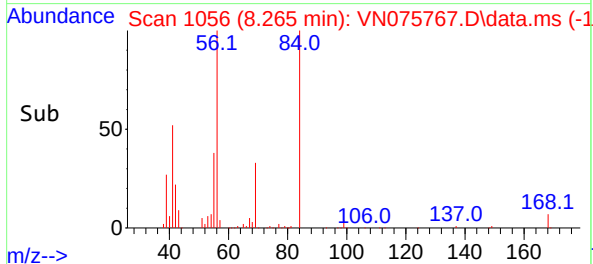
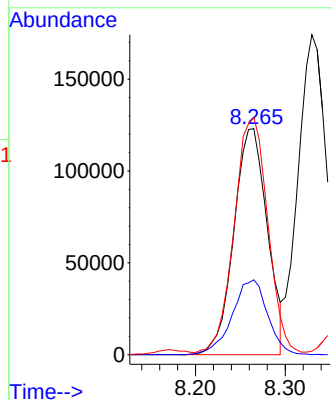
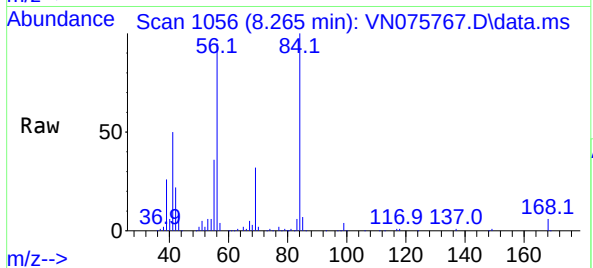
Tgt Ion: 56 Resp: 318130

Ion Ratio Lower Upper

56 100

69 33.1 24.7 37.1

84 103.4 76.5 114.7



#32

1,1,1-Trichloroethane

Concen: 78.228 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

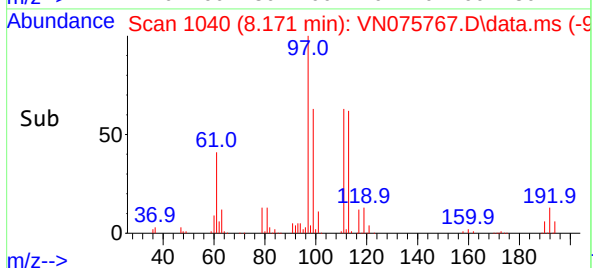
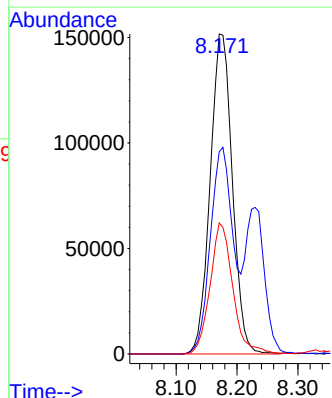
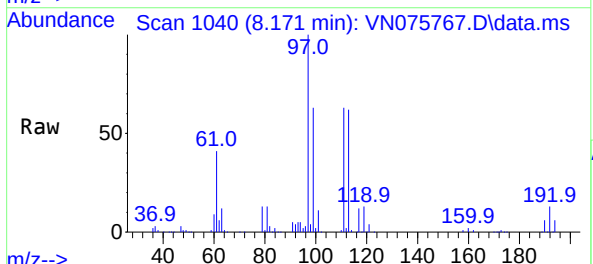
Tgt Ion: 97 Resp: 384027

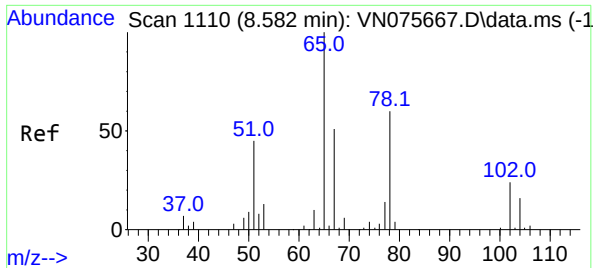
Ion Ratio Lower Upper

97 100

99 66.7 50.2 75.2

61 42.0 34.5 51.7

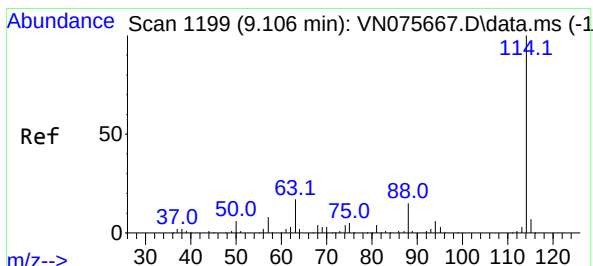
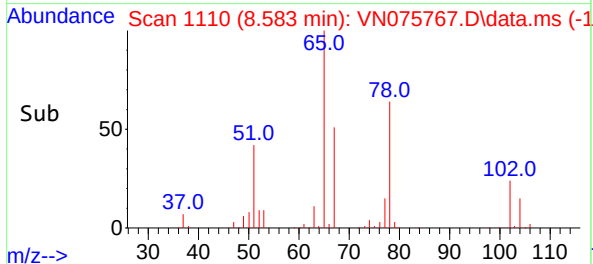
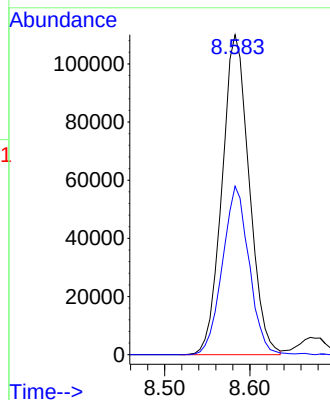
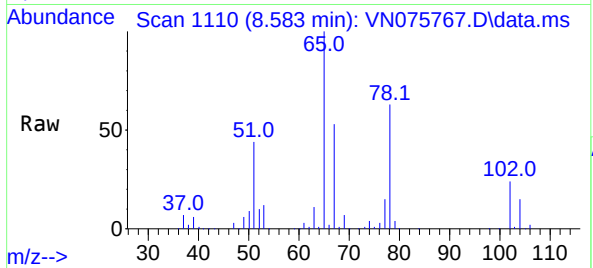




#33  
1,2-Dichloroethane-d4  
Concen: 76.327 ug/l  
RT: 8.583 min Scan# 1110  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

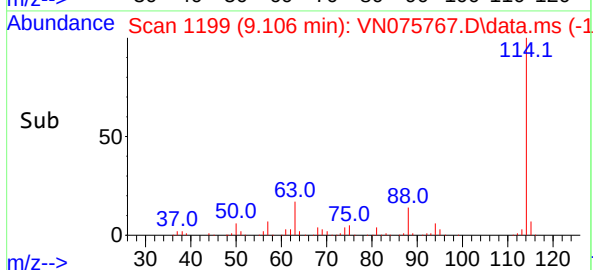
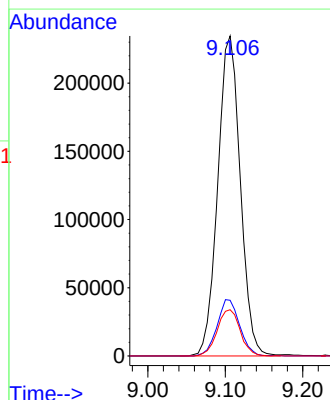
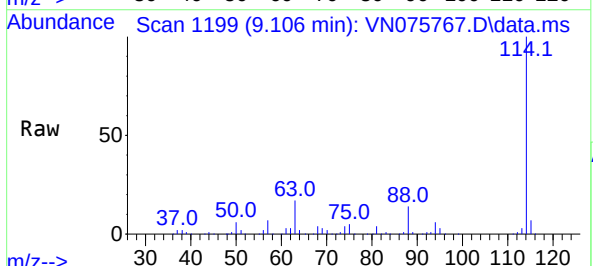
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC075

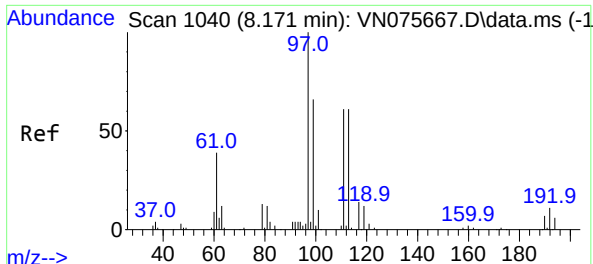
Tgt Ion: 65 Resp: 243292  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 103.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 1199  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 114 Resp: 473944  
Ion Ratio Lower Upper  
114 100  
63 17.4 0.0 34.4  
88 14.5 0.0 28.8

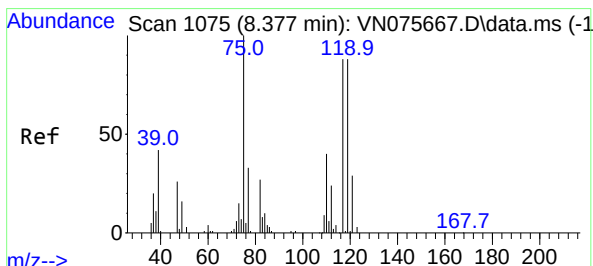
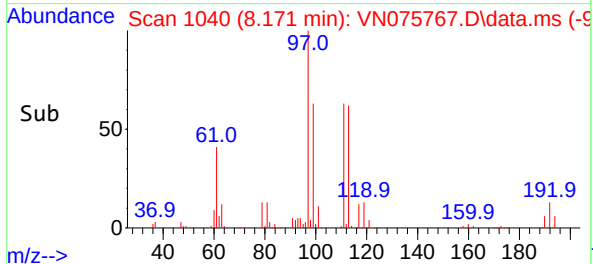
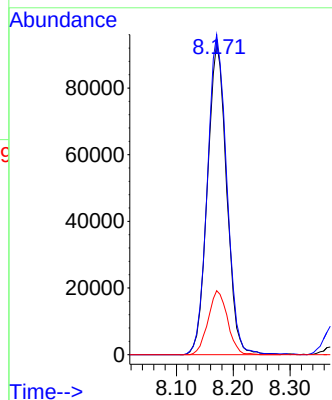
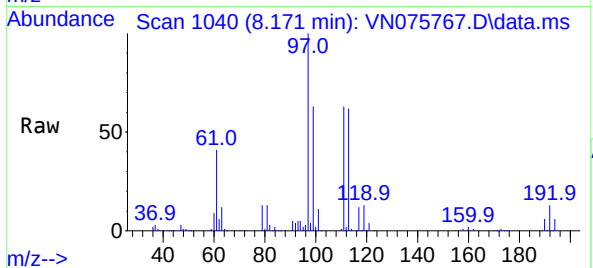




#35  
Dibromofluoromethane  
Concen: 74.491 ug/l  
RT: 8.171 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

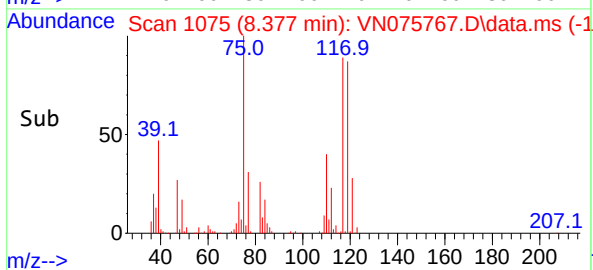
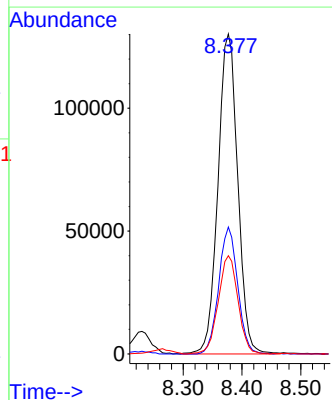
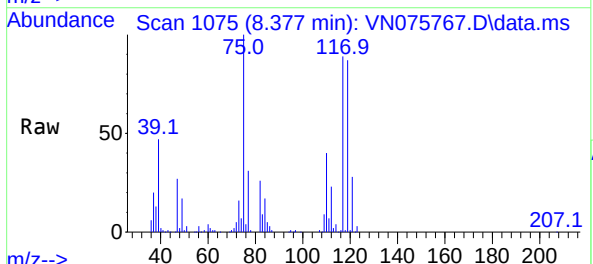
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC075

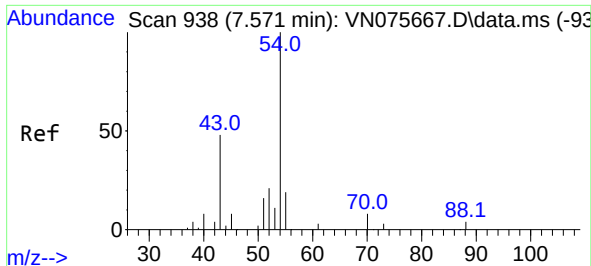
Tgt Ion:113 Resp: 218637  
Ion Ratio Lower Upper  
113 100  
111 104.0 83.4 125.2  
192 20.8 16.1 24.1



#36  
1,1-Dichloropropene  
Concen: 78.092 ug/l  
RT: 8.377 min Scan# 1075  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 75 Resp: 304476  
Ion Ratio Lower Upper  
75 100  
110 38.1 18.8 56.4  
77 30.7 24.1 36.1

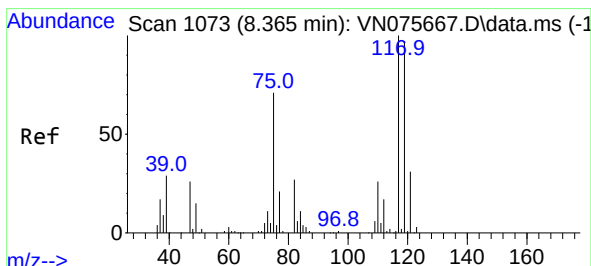
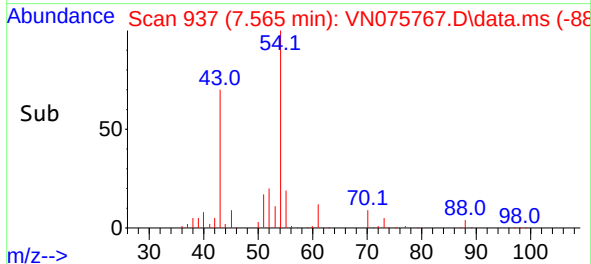
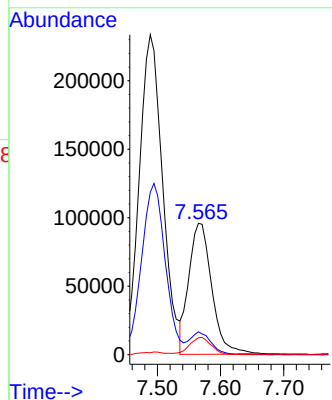
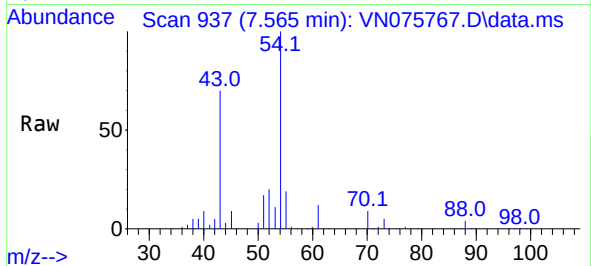




#37  
Ethyl Acetate  
Concen: 77.393 ug/l  
RT: 7.565 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

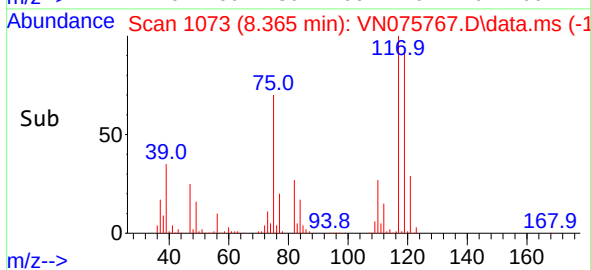
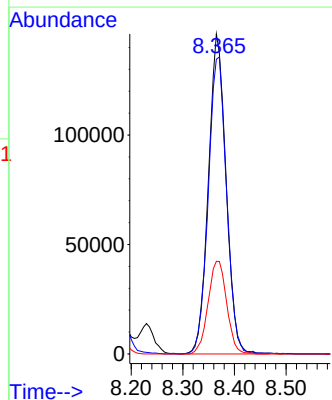
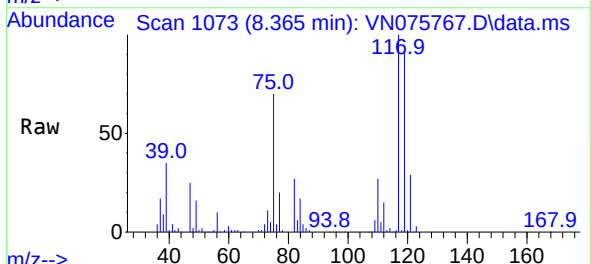
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC075

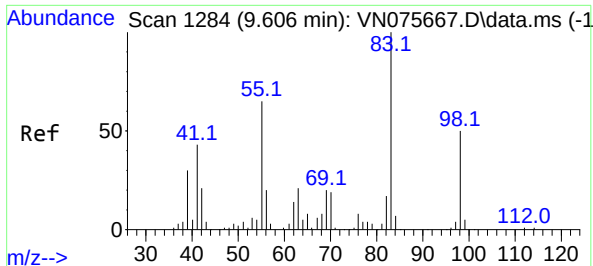
Tgt Ion: 43 Resp: 242380  
Ion Ratio Lower Upper  
43 100  
61 15.4 13.0 19.4  
70 12.5 9.4 14.0



#38  
Carbon Tetrachloride  
Concen: 79.432 ug/l  
RT: 8.365 min Scan# 1073  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 117 Resp: 346627  
Ion Ratio Lower Upper  
117 100  
119 92.1 76.1 114.1  
121 28.9 24.5 36.7





#39

Methylcyclohexane

Concen: 82.408 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC075

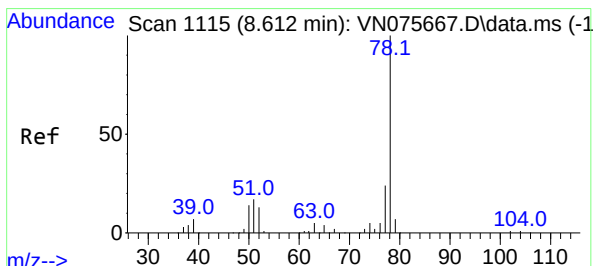
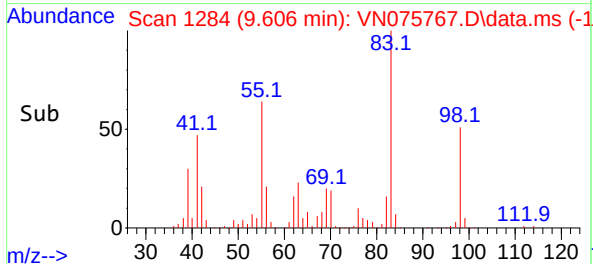
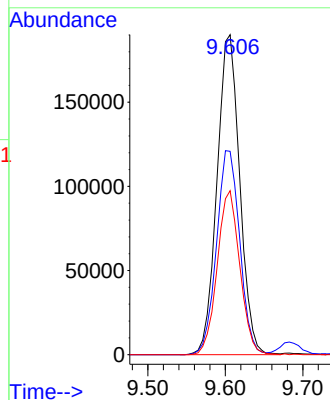
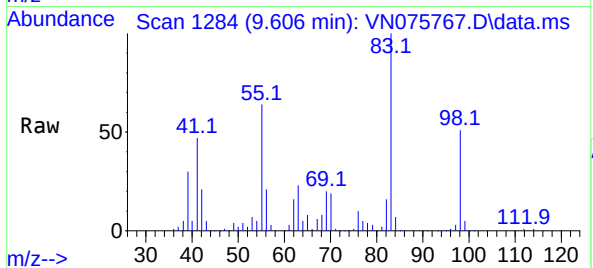
Tgt Ion: 83 Resp: 387628

Ion Ratio Lower Upper

83 100

55 63.5 51.4 77.0

98 51.3 39.8 59.8



#40

Benzene

Concen: 75.795 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075767.D

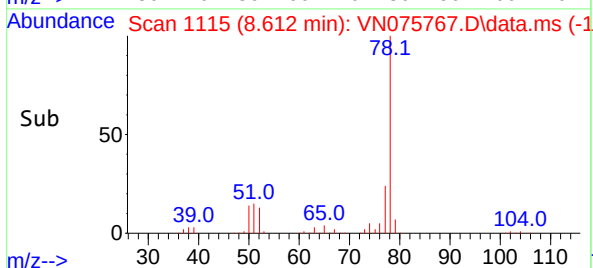
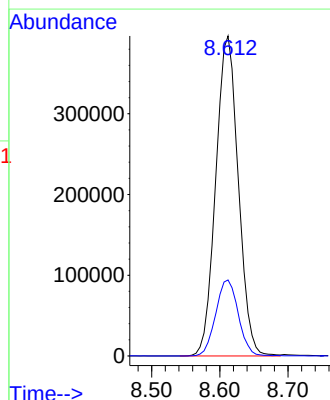
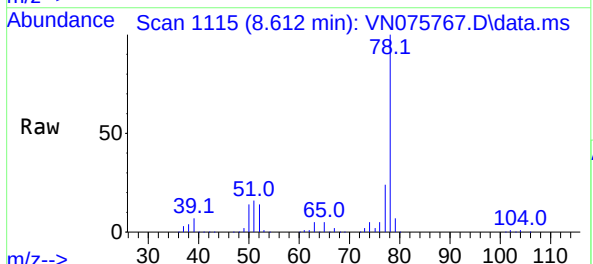
Acq: 14 Dec 2022 12:32

Tgt Ion: 78 Resp: 911786

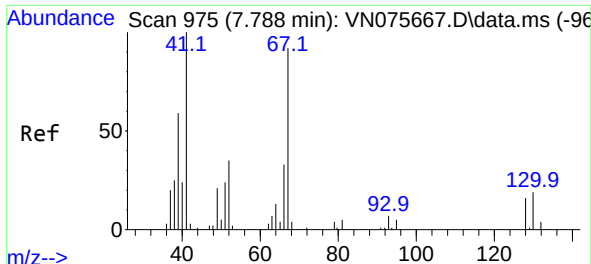
Ion Ratio Lower Upper

78 100

77 23.8 18.5 27.7



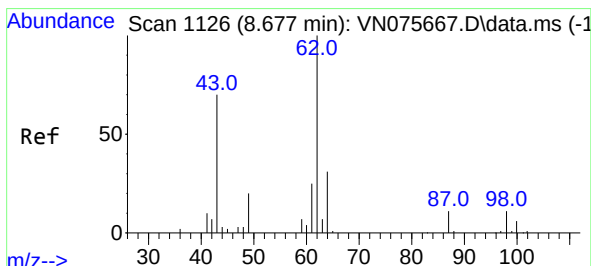
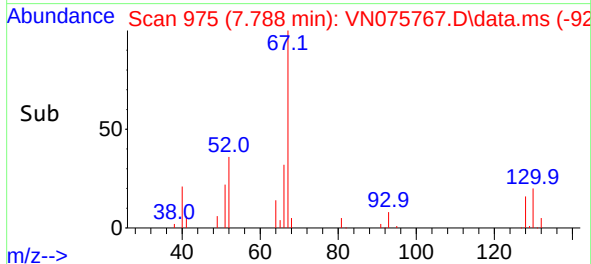
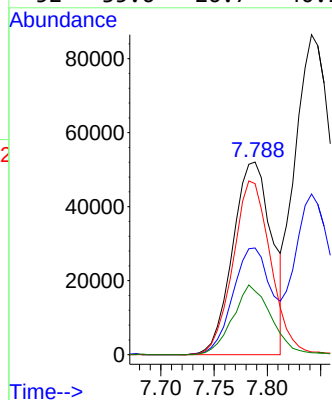
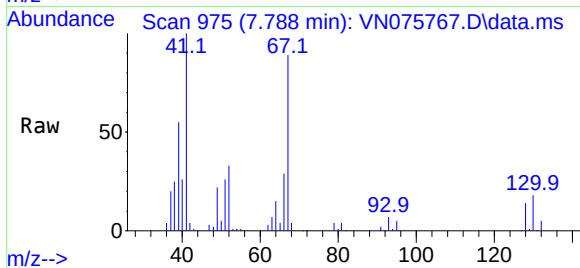




#41  
Methacrylonitrile  
Concen: 82.064 ug/l  
RT: 7.788 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

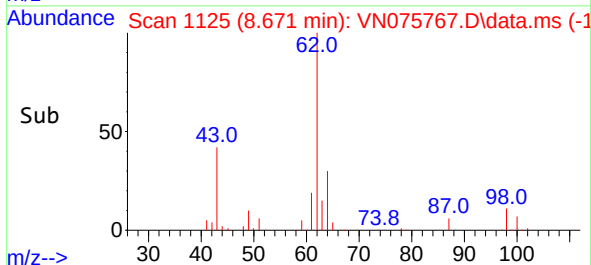
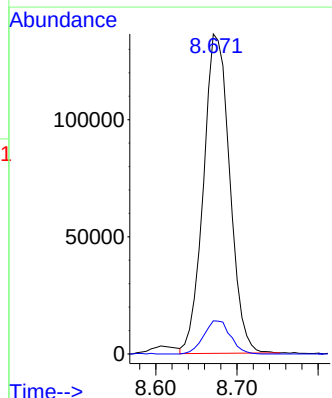
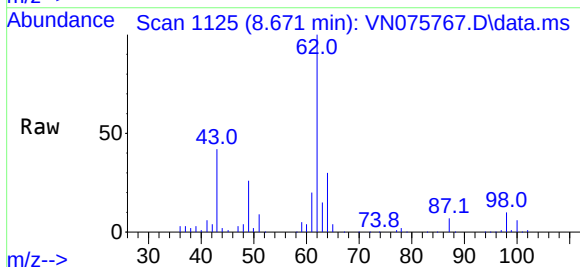
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC075

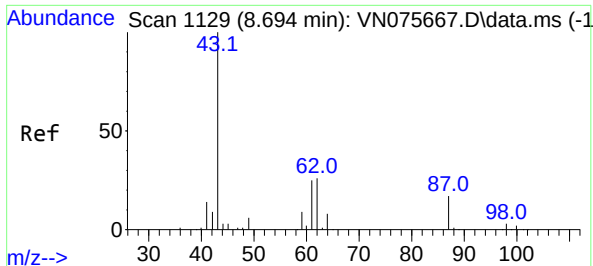
Tgt Ion: 41 Resp: 133590  
Ion Ratio Lower Upper  
41 100  
39 54.9 43.1 64.7  
67 87.3 70.7 106.1  
52 35.6 26.7 40.1



#42  
1,2-Dichloroethane  
Concen: 76.633 ug/l  
RT: 8.671 min Scan# 1125  
Delta R.T. -0.006 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 62 Resp: 306481  
Ion Ratio Lower Upper  
62 100  
98 10.5 0.0 20.8

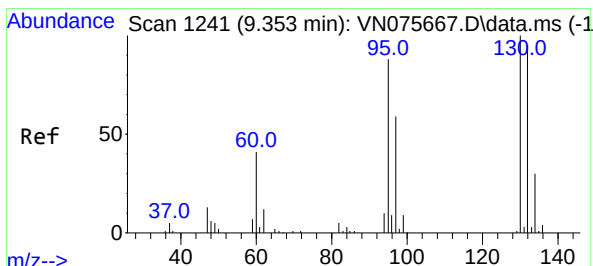
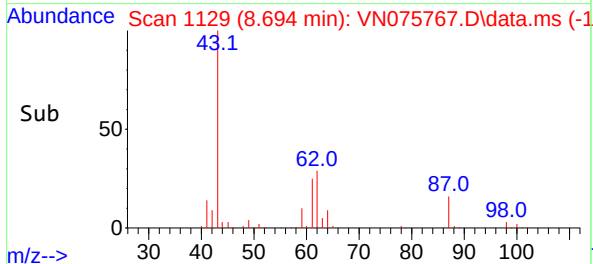
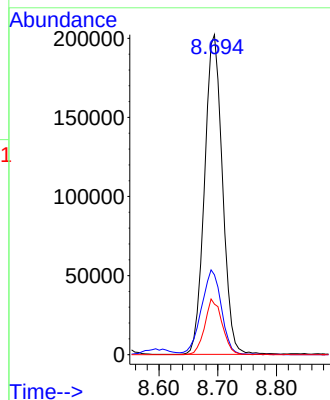
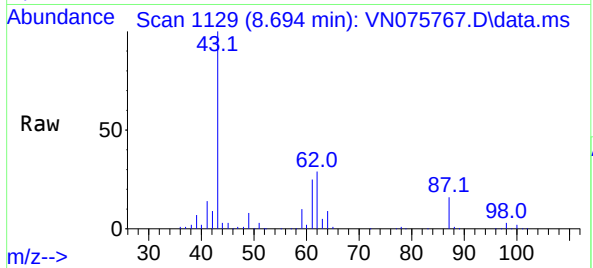




#43  
Isopropyl Acetate  
Concen: 82.738 ug/l  
RT: 8.694 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

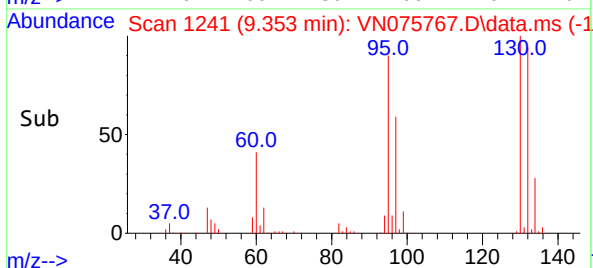
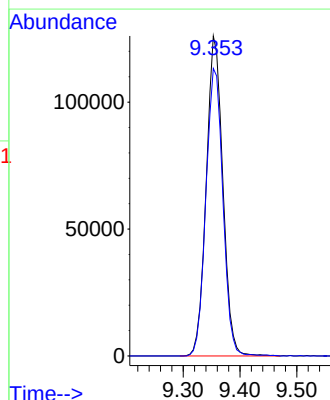
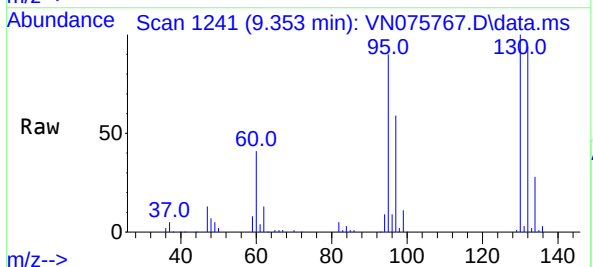
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ClientSampleId :  
VSTDIC075

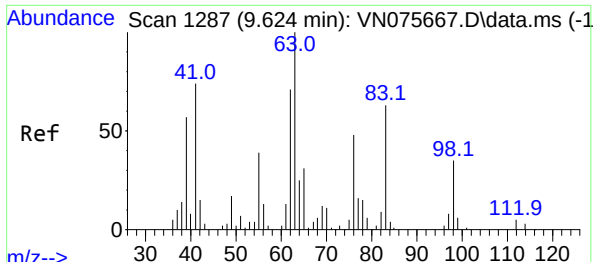
Tgt Ion: 43 Resp: 427434  
Ion Ratio Lower Upper  
43 100  
61 29.7 24.2 36.4  
87 16.9 13.3 19.9



#44  
Trichloroethene  
Concen: 75.246 ug/l  
RT: 9.353 min Scan# 1241  
Delta R.T. -0.006 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion:130 Resp: 255006  
Ion Ratio Lower Upper  
130 100  
95 89.9 0.0 195.4

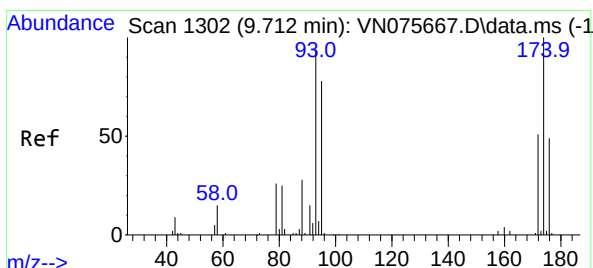
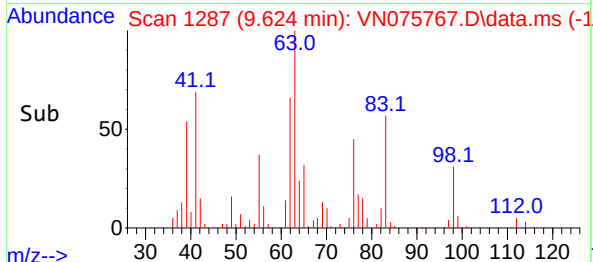
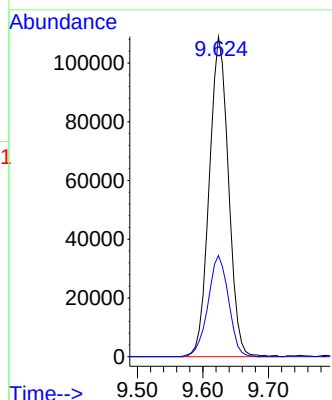
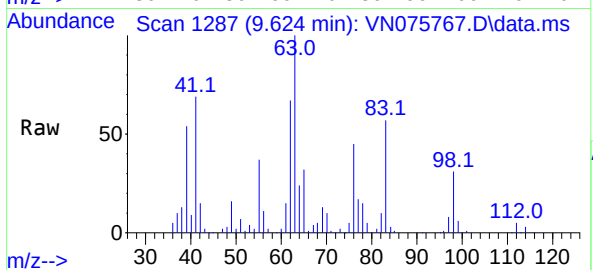




#45  
1,2-Dichloropropane  
Concen: 75.703 ug/l  
RT: 9.624 min Scan# 1287  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

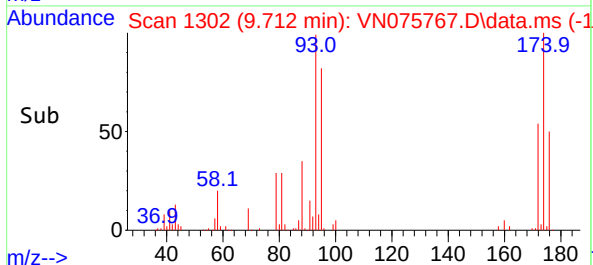
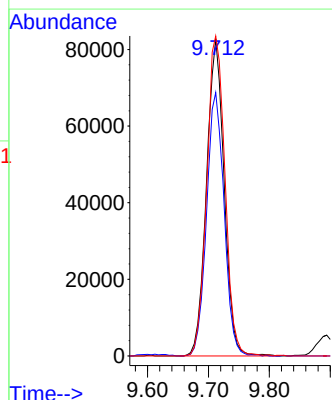
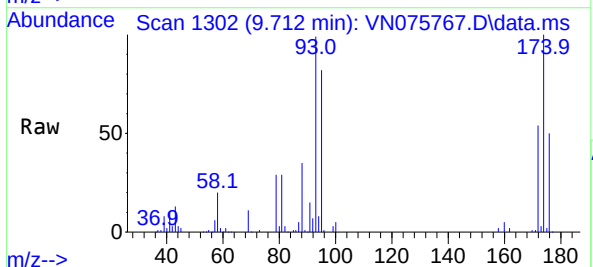
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC075

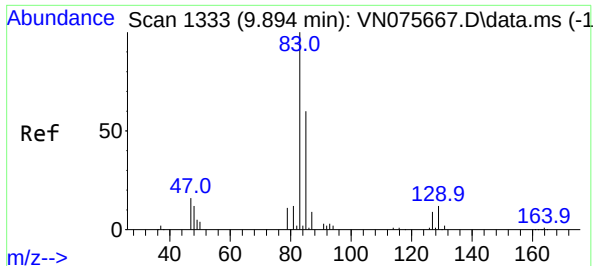
Tgt Ion: 63 Resp: 221608  
Ion Ratio Lower Upper  
63 100  
65 31.6 25.7 38.5



#46  
Dibromomethane  
Concen: 76.660 ug/l  
RT: 9.712 min Scan# 1302  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 93 Resp: 166446  
Ion Ratio Lower Upper  
93 100  
95 83.0 65.2 97.8  
174 104.3 82.4 123.6

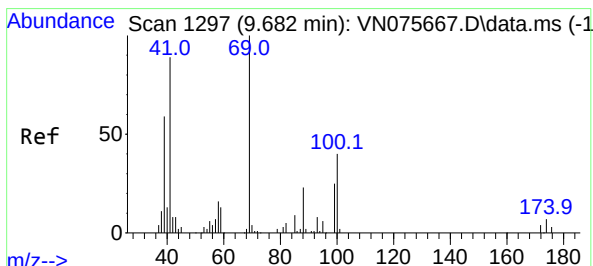
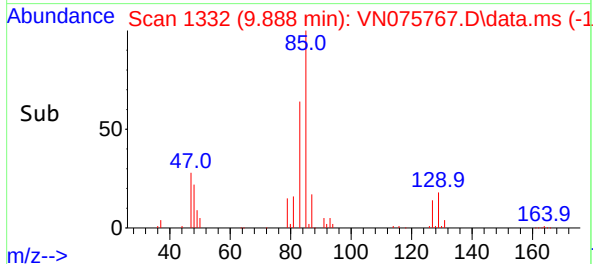
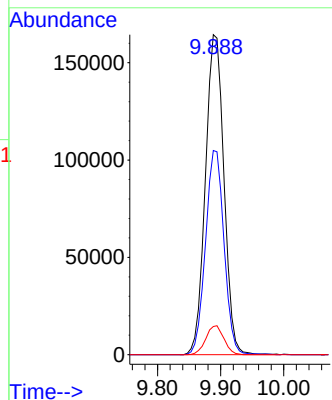
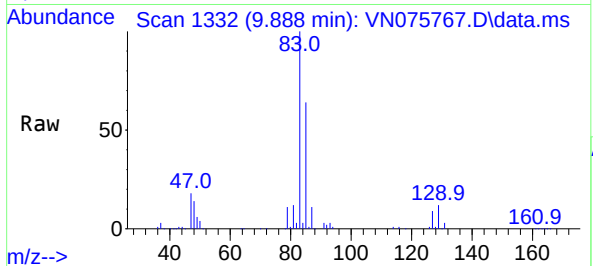




#47  
Bromodichloromethane  
Concen: 78.884 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

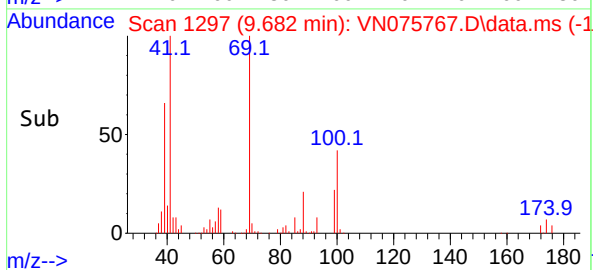
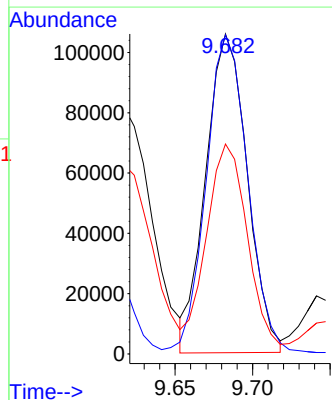
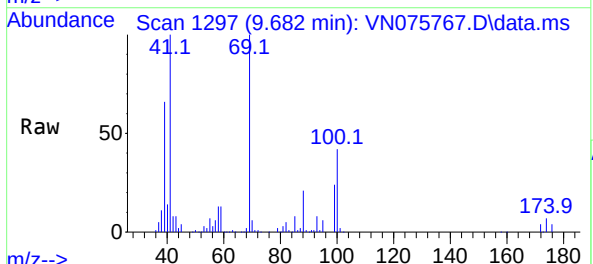
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC075

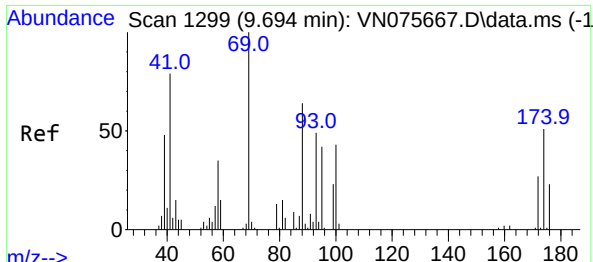
Tgt Ion: 83 Resp: 335875  
Ion Ratio Lower Upper  
83 100  
85 63.8 51.5 77.3  
127 8.8 6.6 10.0



#48  
Methyl methacrylate  
Concen: 84.594 ug/l  
RT: 9.682 min Scan# 1297  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 41 Resp: 196833  
Ion Ratio Lower Upper  
41 100  
69 100.6 81.9 122.9  
39 65.7 51.6 77.4

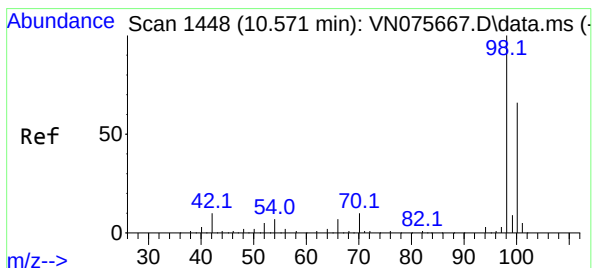
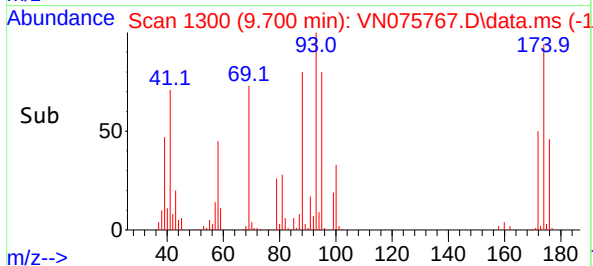
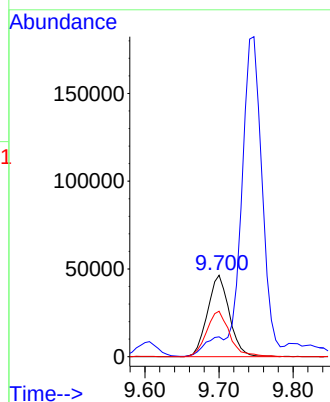
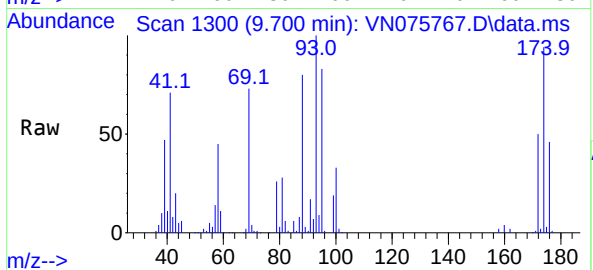




#49  
1,4-Dioxane  
Concen: 1660.272 ug/l  
RT: 9.700 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

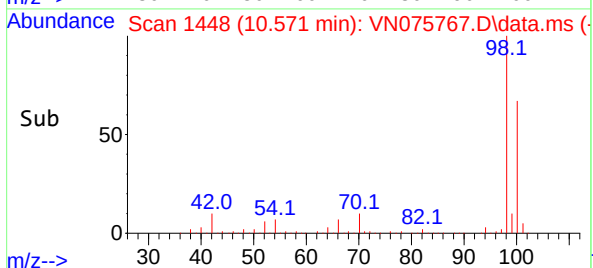
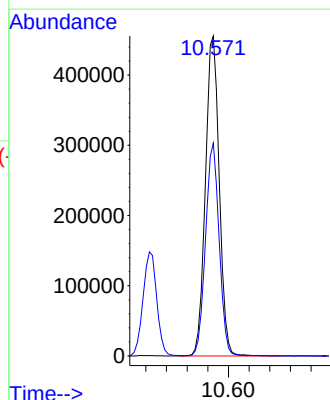
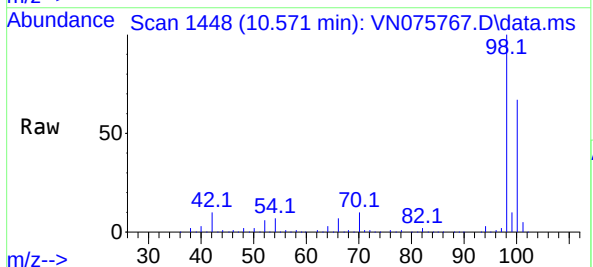
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC075

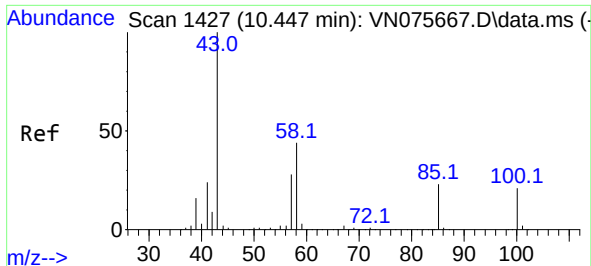
Tgt Ion: 88 Resp: 94972  
Ion Ratio Lower Upper  
88 100  
43 0.0 17.1 25.7#  
58 59.4 47.8 71.8



#50  
Toluene-d8  
Concen: 76.979 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 98 Resp: 844759  
Ion Ratio Lower Upper  
98 100  
100 65.8 52.1 78.1

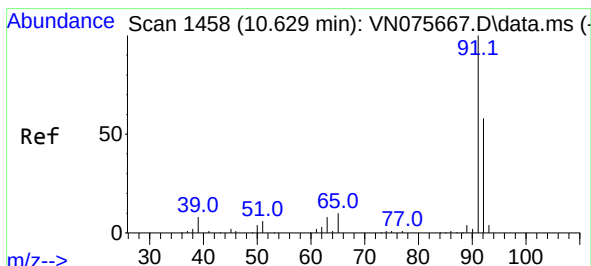
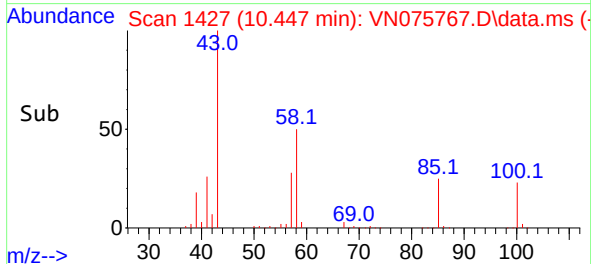
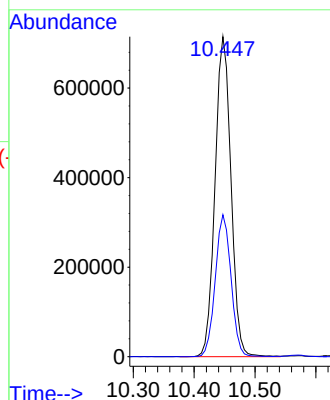
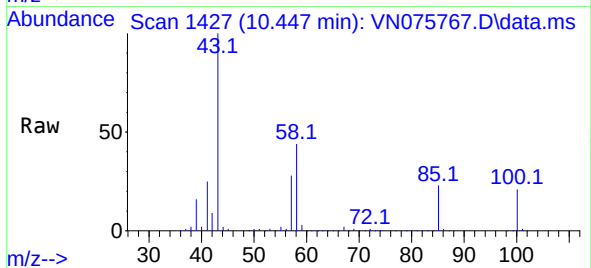




#51  
4-Methyl-2-Pentanone  
Concen: 415.312 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

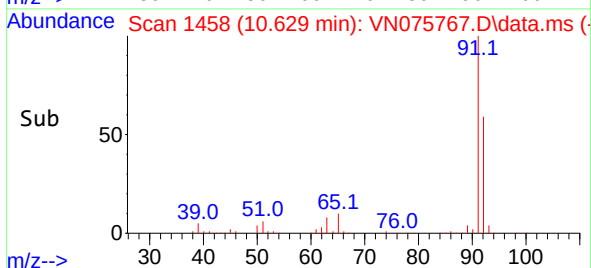
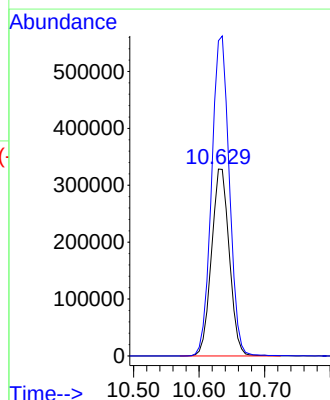
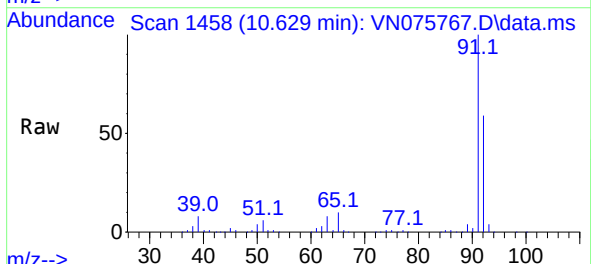
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC075

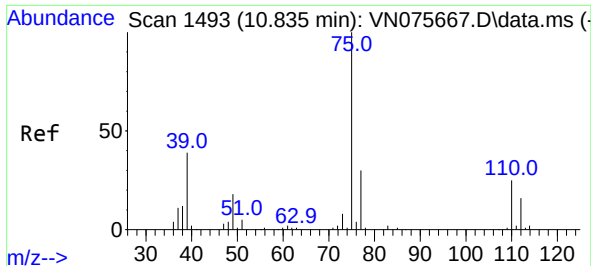
Tgt Ion: 43 Resp: 1297545  
Ion Ratio Lower Upper  
43 100  
58 44.0 35.5 53.3



#52  
Toluene  
Concen: 78.913 ug/l  
RT: 10.629 min Scan# 1458  
Delta R.T. -0.006 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 92 Resp: 618247  
Ion Ratio Lower Upper  
92 100  
91 171.0 137.3 205.9

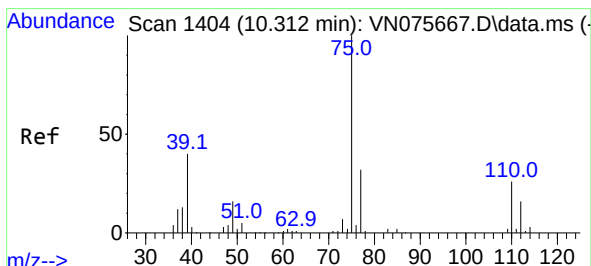
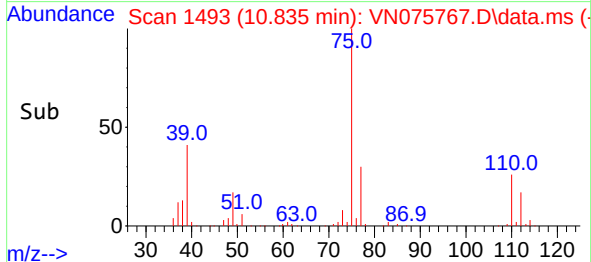
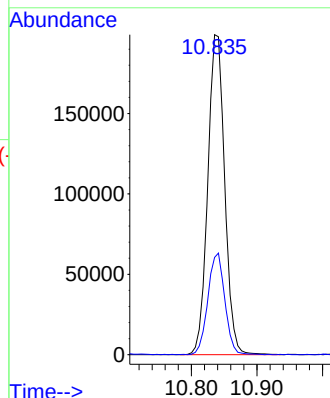
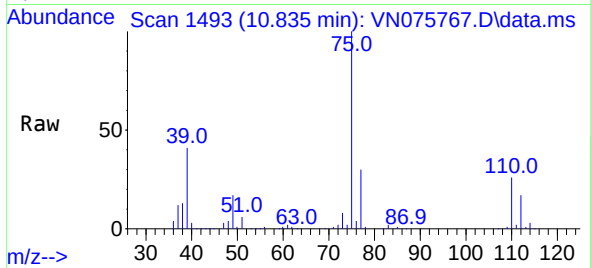




#53  
t-1,3-Dichloropropene  
Concen: 85.789 ug/l  
RT: 10.835 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

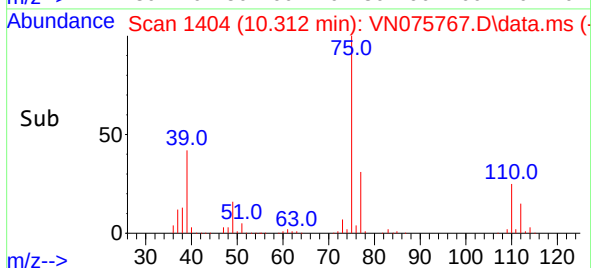
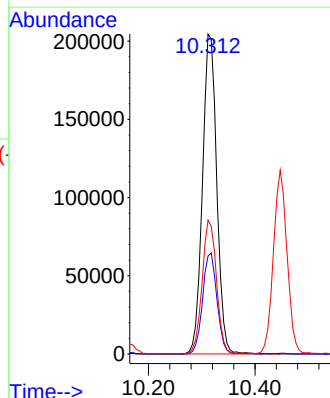
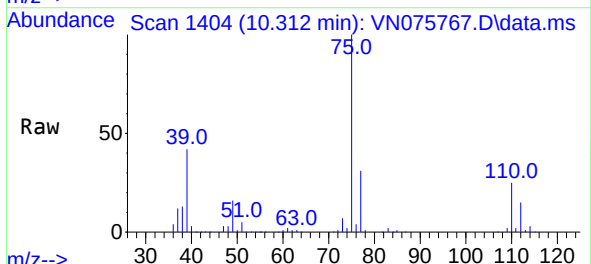
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC075

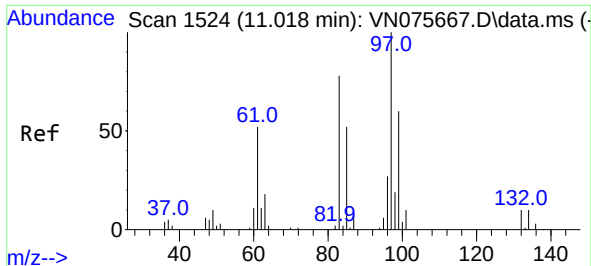
Tgt Ion: 75 Resp: 357563  
Ion Ratio Lower Upper  
75 100  
77 30.3 24.9 37.3



#54  
cis-1,3-Dichloropropene  
Concen: 83.067 ug/l  
RT: 10.312 min Scan# 1404  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 75 Resp: 380128  
Ion Ratio Lower Upper  
75 100  
77 30.6 25.8 38.8  
39 41.8 33.4 50.2



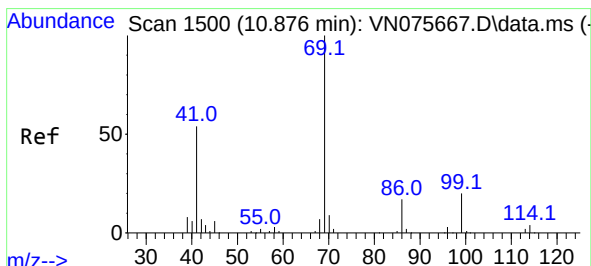
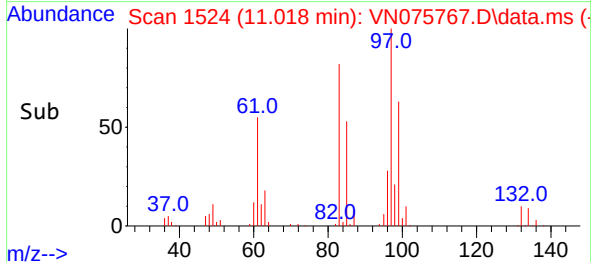
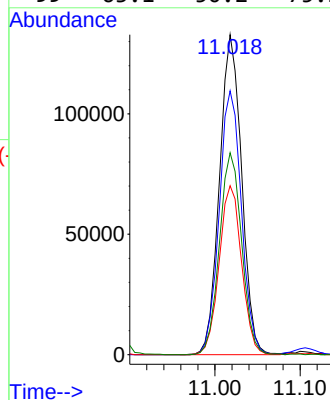
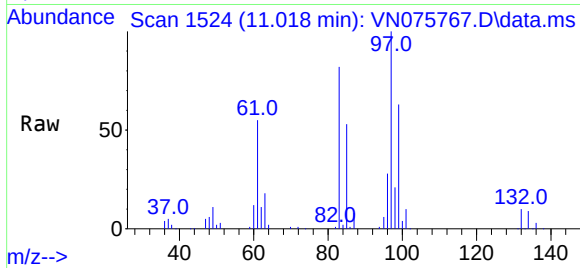


#55  
1,1,2-Trichloroethane  
Concen: 78.143 ug/l  
RT: 11.018 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC075

Tgt Ion: 97 Resp: 240297

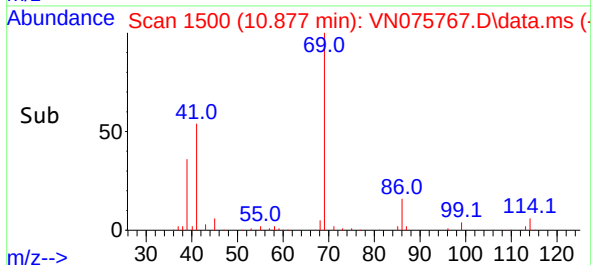
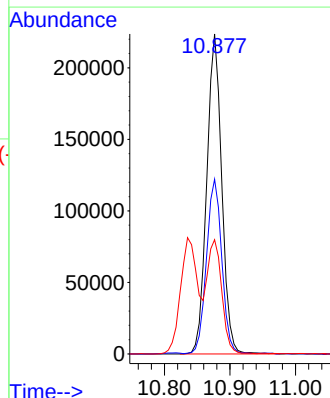
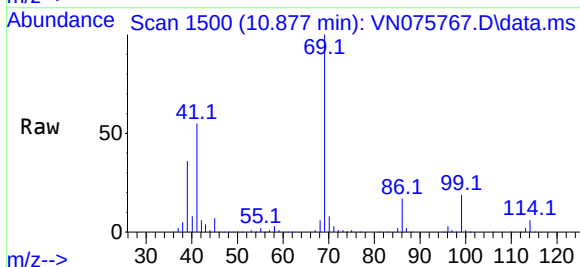
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.4  | 65.0  | 97.4  |
| 85  | 52.8  | 43.0  | 64.6  |
| 99  | 63.1  | 50.2  | 75.2  |



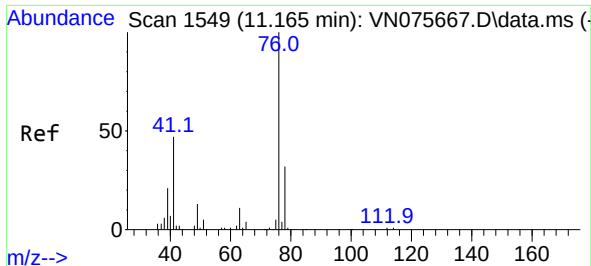
#56  
Ethyl methacrylate  
Concen: 87.381 ug/l  
RT: 10.877 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 69 Resp: 356915

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 55.3  | 44.2  | 66.4  |
| 39  | 33.9  | 26.4  | 39.6  |







#57

1,3-Dichloropropane

Concen: 78.107 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

Instrument :

MSVOA\_N

ClientSampleId :

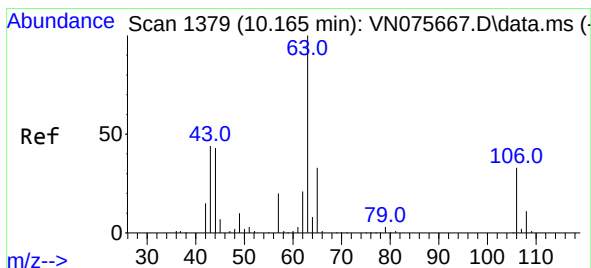
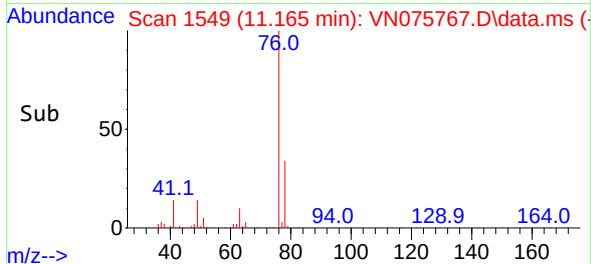
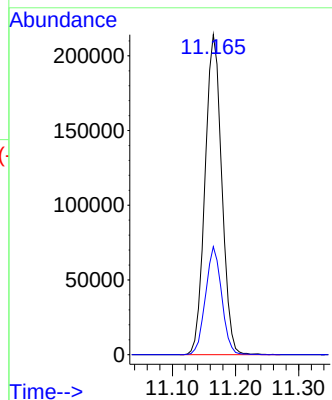
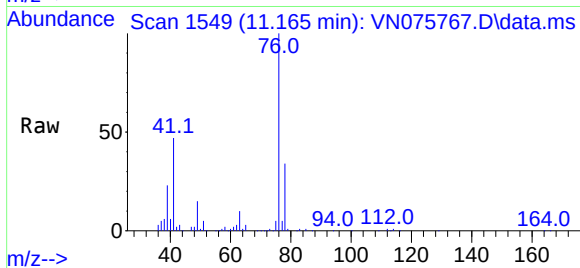
VSTDICC075

Tgt Ion: 76 Resp: 393981

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 450.174 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075767.D

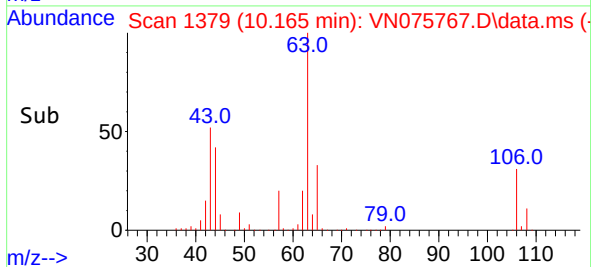
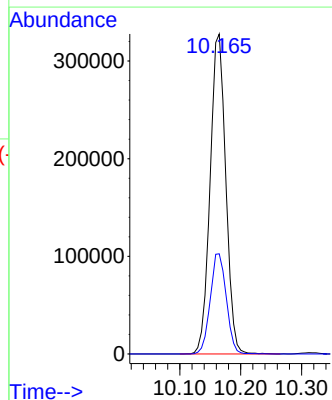
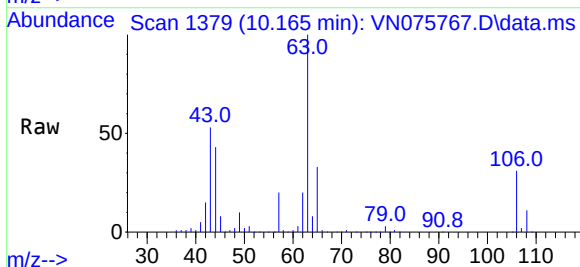
Acq: 14 Dec 2022 12:32

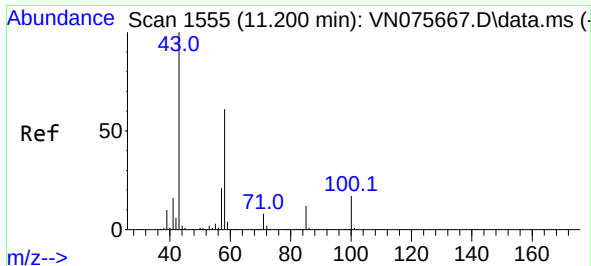
Tgt Ion: 63 Resp: 585430

Ion Ratio Lower Upper

63 100

106 32.1 26.4 39.6

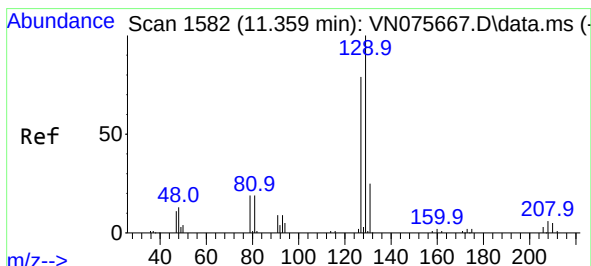
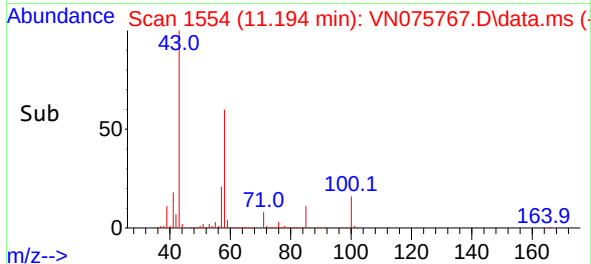
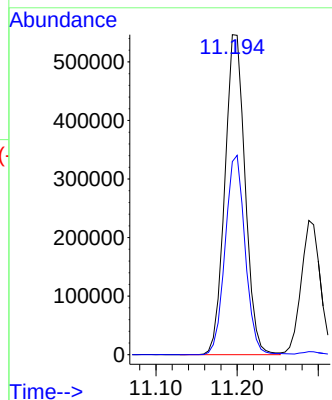
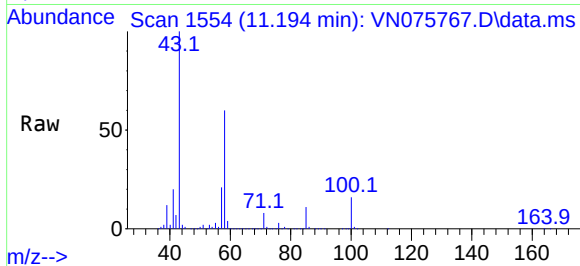




#59  
2-Hexanone  
Concen: 416.170 ug/l  
RT: 11.194 min Scan# 1154  
Delta R.T. -0.006 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

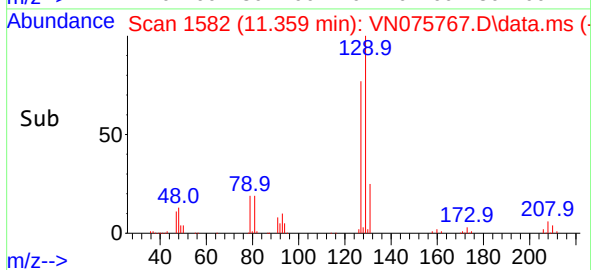
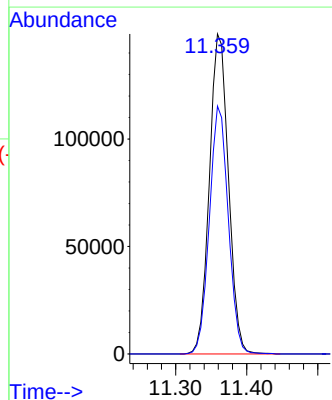
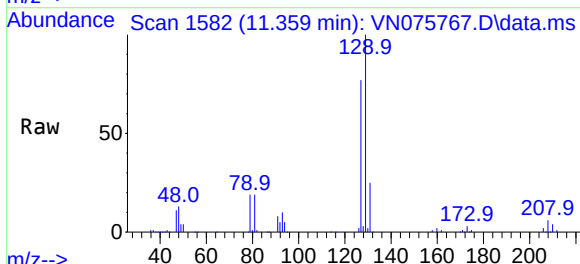
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC075

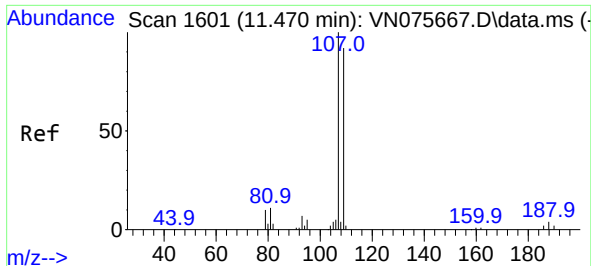
Tgt Ion: 43 Resp: 948216  
Ion Ratio Lower Upper  
43 100  
58 61.5 30.6 92.0



#60  
Dibromochloromethane  
Concen: 81.093 ug/l  
RT: 11.359 min Scan# 1582  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion:129 Resp: 277322  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.3 114.9

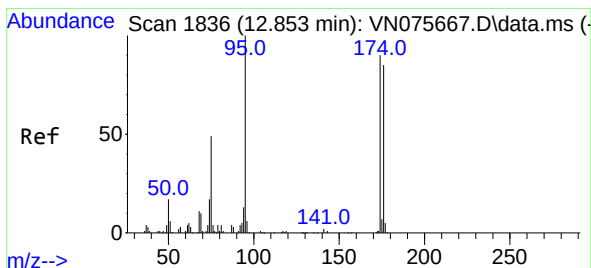
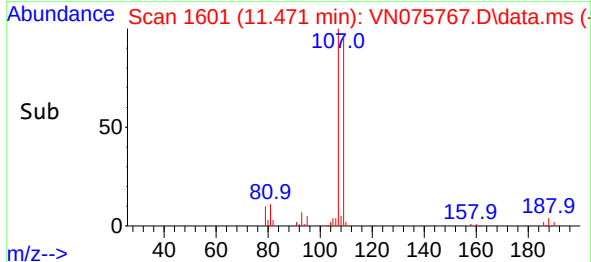
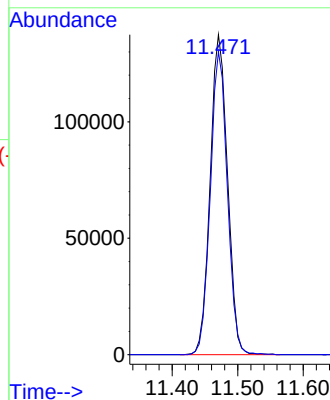
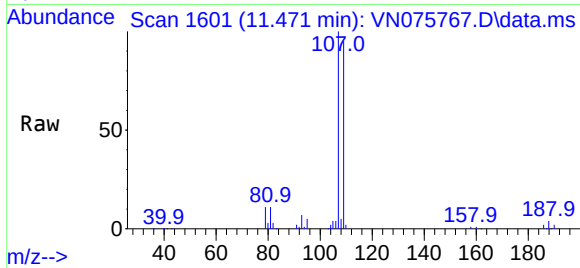




#61  
1,2-Dibromoethane  
Concen: 81.197 ug/l  
RT: 11.471 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

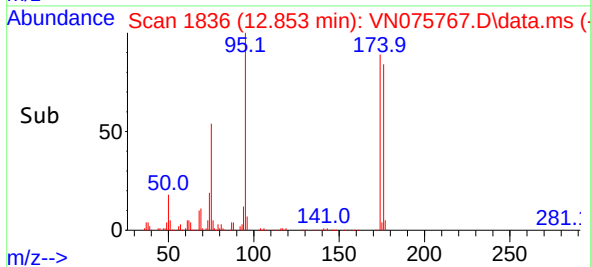
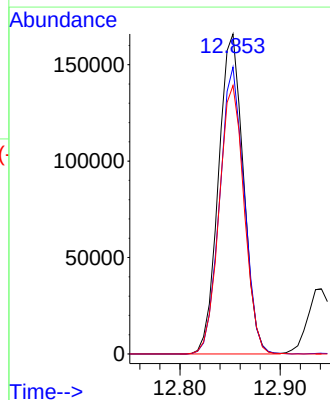
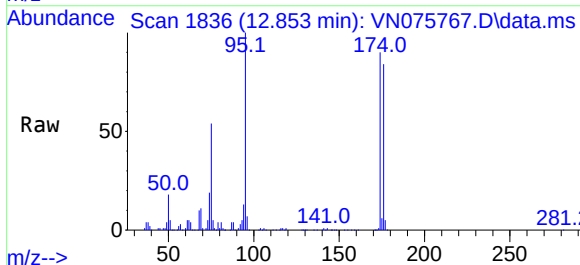
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ClientSampleId :  
VSTDIC075

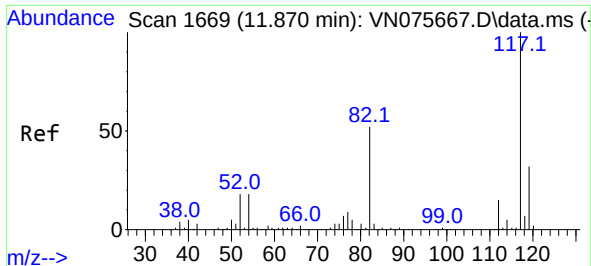
Tgt Ion:107 Resp: 252678  
Ion Ratio Lower Upper  
107 100  
109 92.9 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 78.638 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 95 Resp: 285824  
Ion Ratio Lower Upper  
95 100  
174 87.7 0.0 171.6  
176 84.1 0.0 169.2

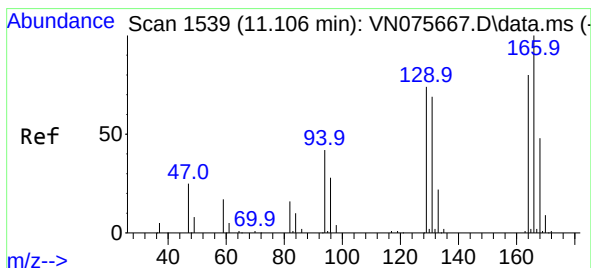
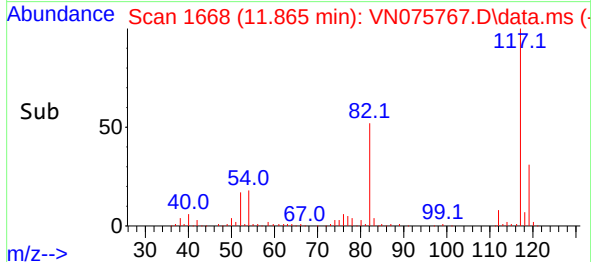
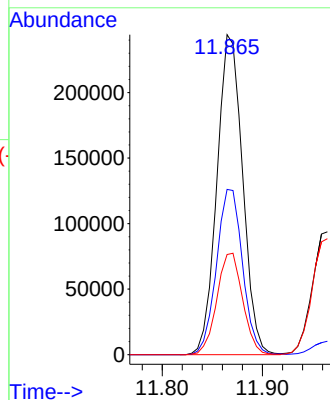
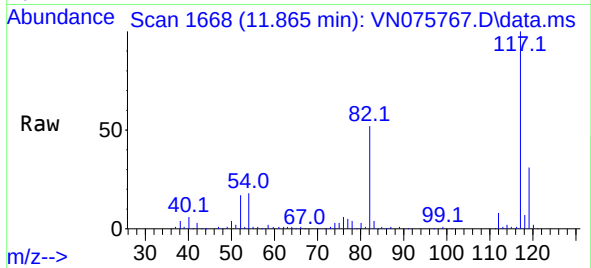




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

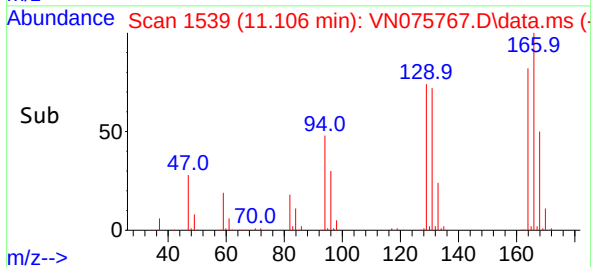
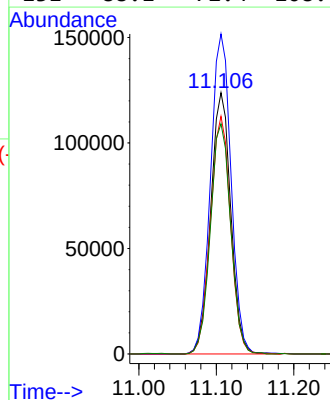
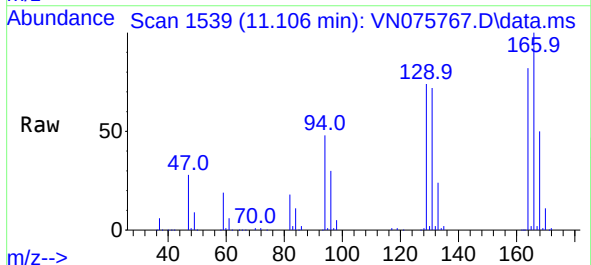
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MSVOA\_N  
ClientSampleId :  
VSTDIC075

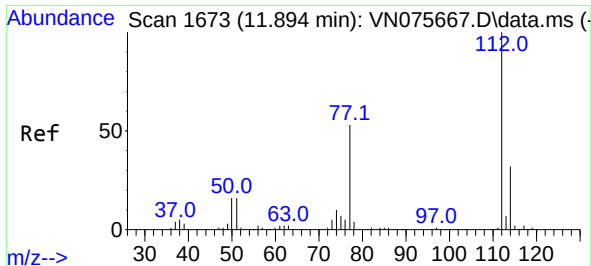
Tgt Ion:117 Resp: 435074  
Ion Ratio Lower Upper  
117 100  
82 51.6 41.3 61.9  
119 31.3 24.6 37.0



#64  
Tetrachloroethene  
Concen: 73.115 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion:164 Resp: 223842  
Ion Ratio Lower Upper  
164 100  
166 122.4 101.9 152.9  
129 90.9 74.2 111.2  
131 88.1 72.4 108.6

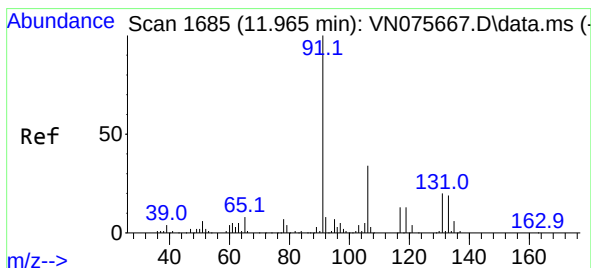
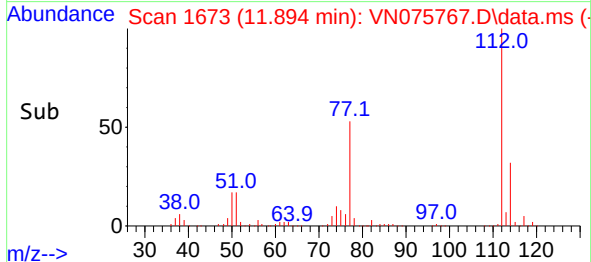
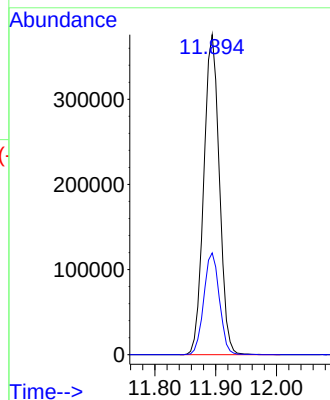
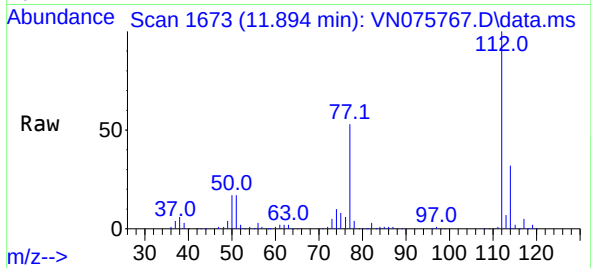




#65  
Chlorobenzene  
Concen: 74.861 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

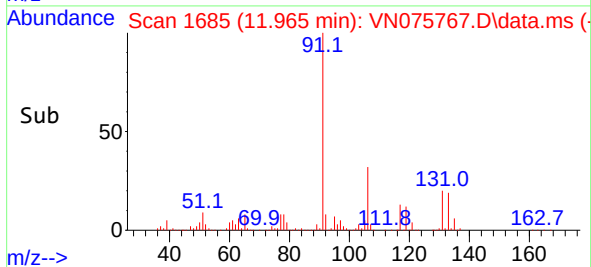
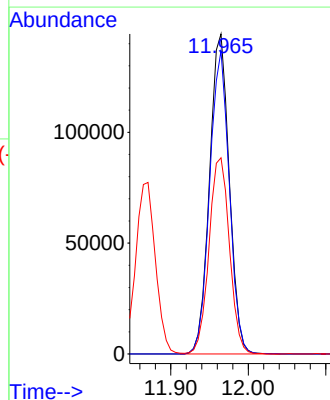
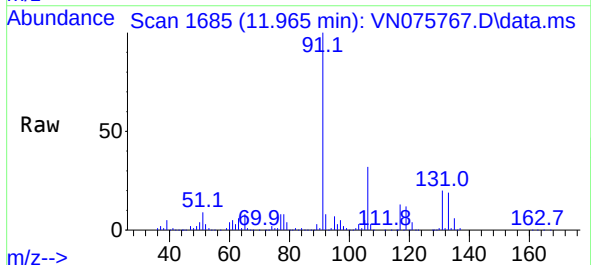
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MSVOA\_N  
ClientSampleId :  
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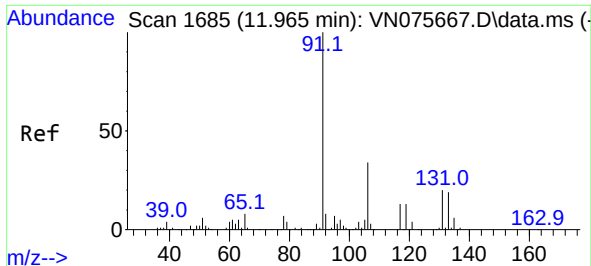
Tgt Ion:112 Resp: 668494  
Ion Ratio Lower Upper  
112 100  
114 31.8 24.7 37.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 77.200 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion:131 Resp: 255346  
Ion Ratio Lower Upper  
131 100  
133 94.2 47.5 142.5  
119 63.6 31.9 95.7

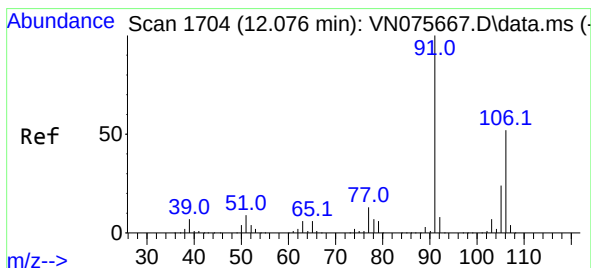
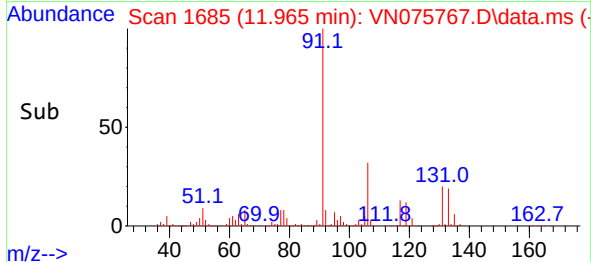
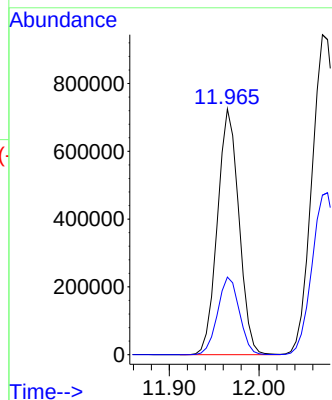
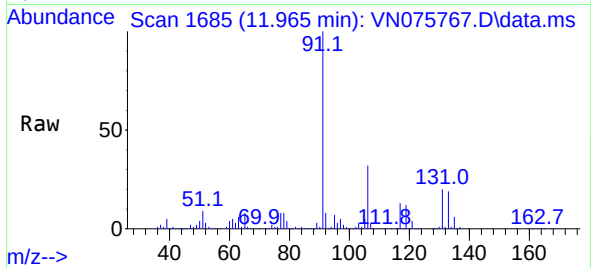




#67  
Ethyl Benzene  
Concen: 80.035 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

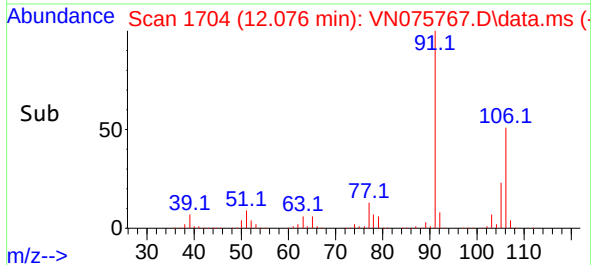
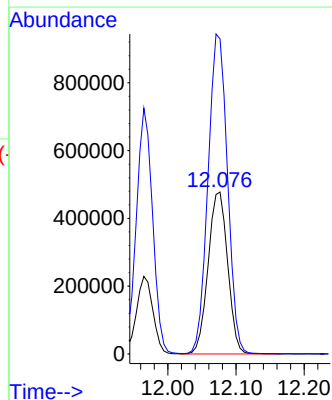
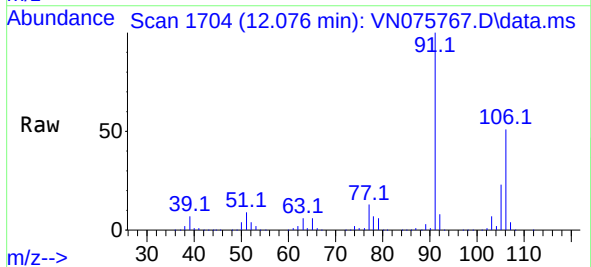
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MSVOA\_N  
ClientSampleId :  
VSTDIC075

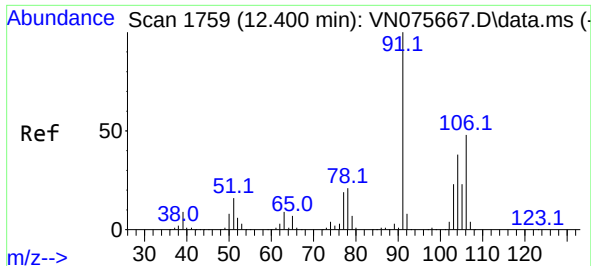
Tgt Ion: 91 Resp: 1206221  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.7 38.5



#68  
m/p-Xylenes  
Concen: 159.535 ug/l  
RT: 12.076 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion:106 Resp: 951653  
Ion Ratio Lower Upper  
106 100  
91 196.7 156.6 235.0

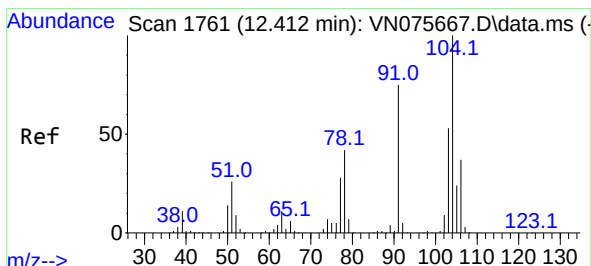
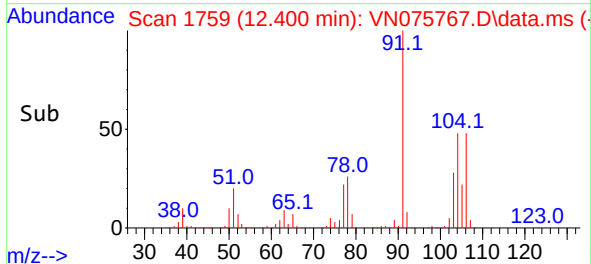
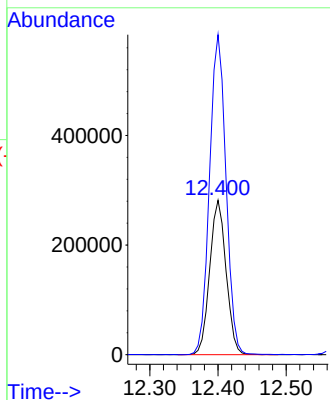
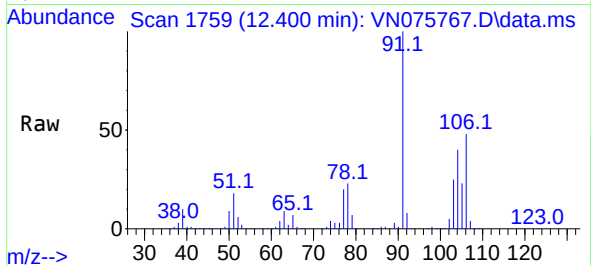




#69  
o-Xylene  
Concen: 79.751 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

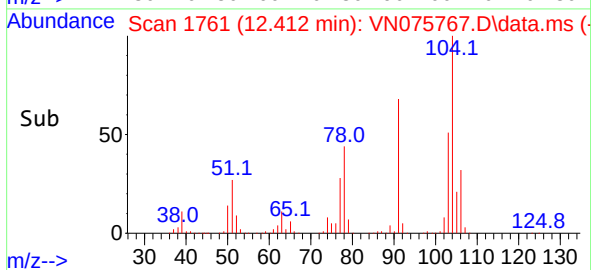
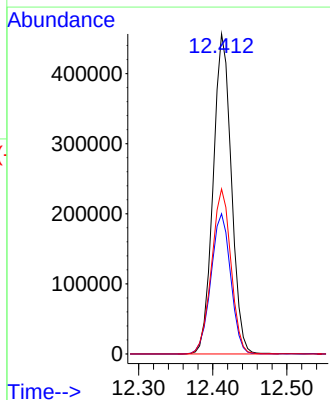
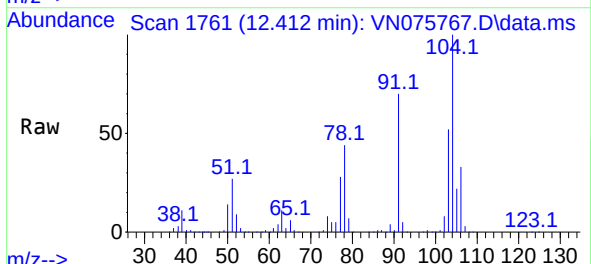
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MSVOA\_N  
ClientSampleId :  
VSTDICC075

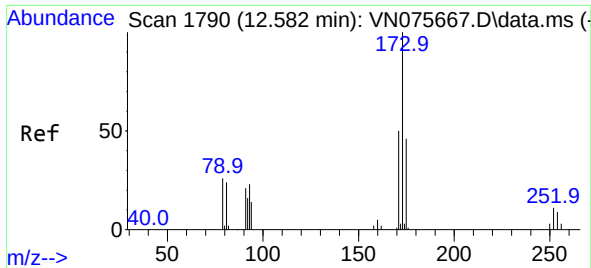
Tgt Ion:106 Resp: 470786  
Ion Ratio Lower Upper  
106 100  
91 208.2 103.8 311.6



#70  
Styrene  
Concen: 83.083 ug/l  
RT: 12.412 min Scan# 1761  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion:104 Resp: 779819  
Ion Ratio Lower Upper  
104 100  
78 47.5 37.5 56.3  
103 54.7 43.5 65.3

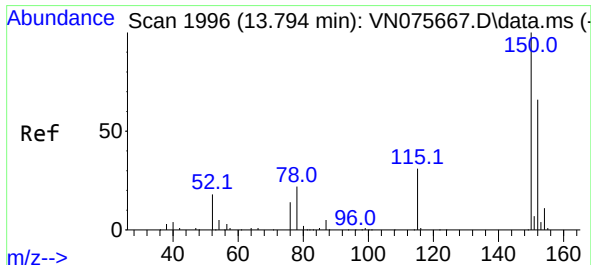
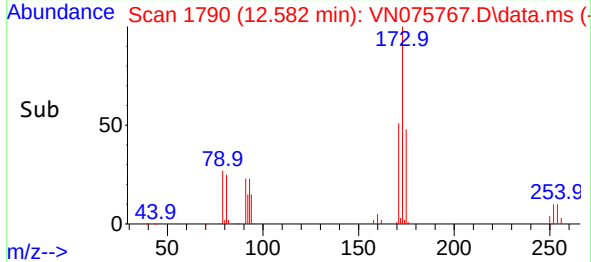
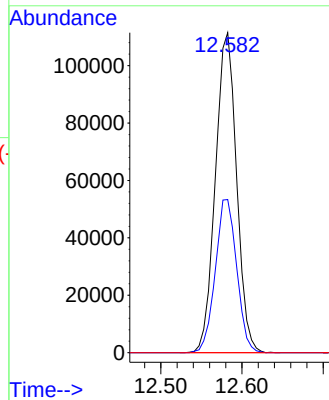
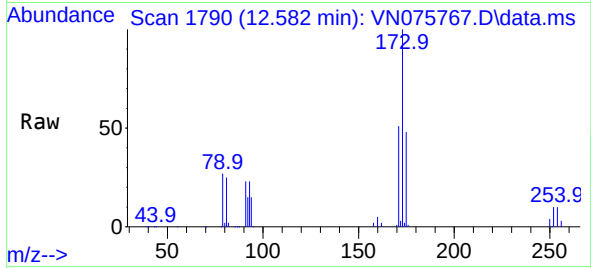




#71  
Bromoform  
Concen: 84.034 ug/l  
RT: 12.582 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

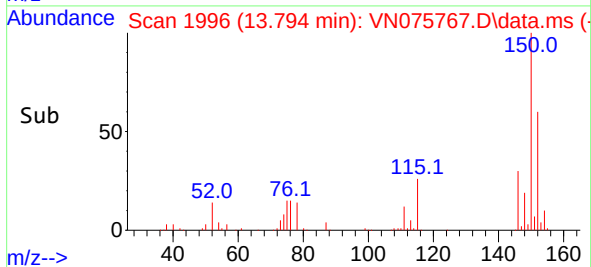
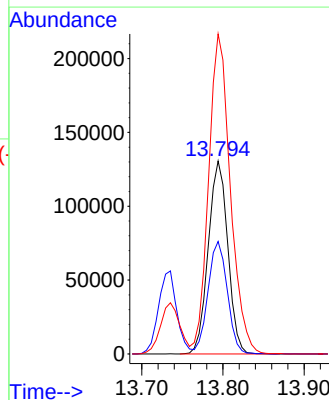
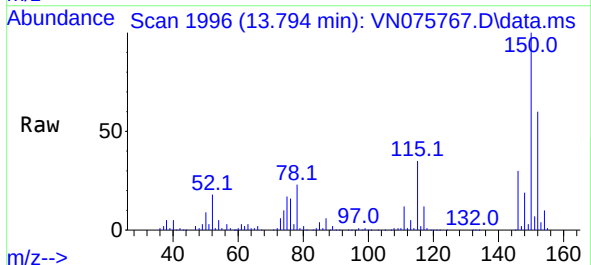
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC075

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 173   | Resp: | 202250 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 48.4  | 24.3  | 72.8   |
| 254       | 0.0   | 0.0   | 0.0    |

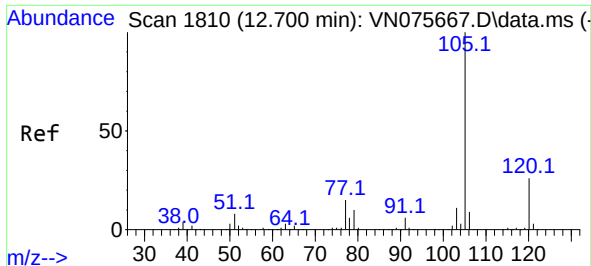


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 218087 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 57.4  | 29.1  | 87.4   |
| 150       | 185.2 | 0.0   | 347.0  |



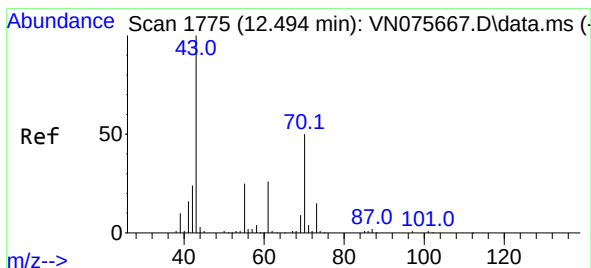
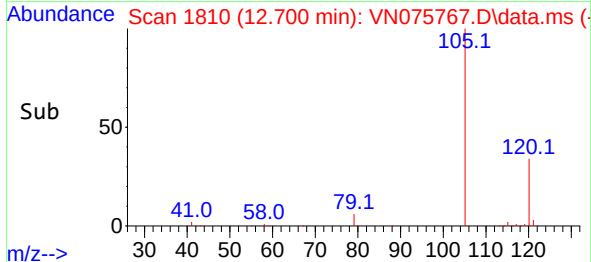
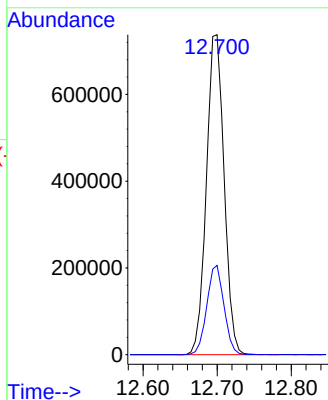
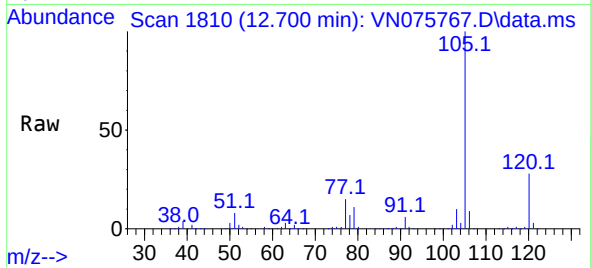




#73  
Isopropylbenzene  
Concen: 77.698 ug/l  
RT: 12.700 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

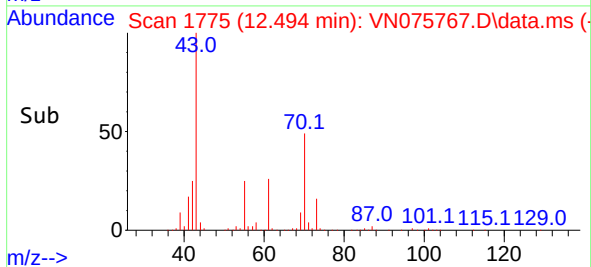
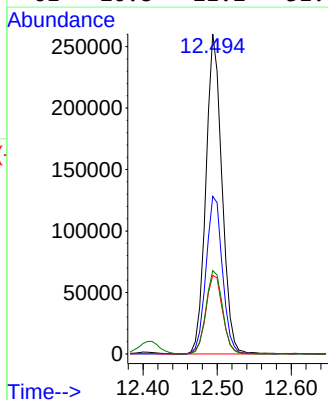
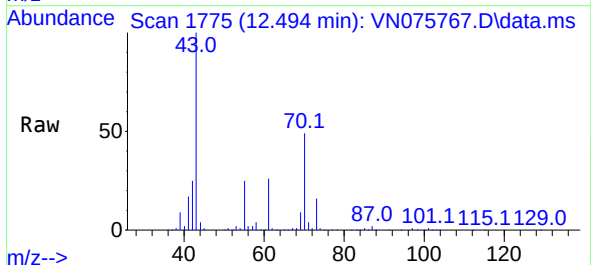
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ClientSampleId :  
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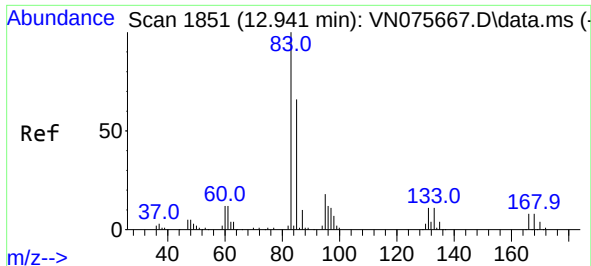
Tgt Ion:105 Resp: 1224516  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.4 40.2



#74  
N-ethyl acetate  
Concen: 84.780 ug/l  
RT: 12.494 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 43 Resp: 391975  
Ion Ratio Lower Upper  
43 100  
70 50.4 41.4 62.0  
55 25.8 21.3 31.9  
61 26.8 21.2 31.8

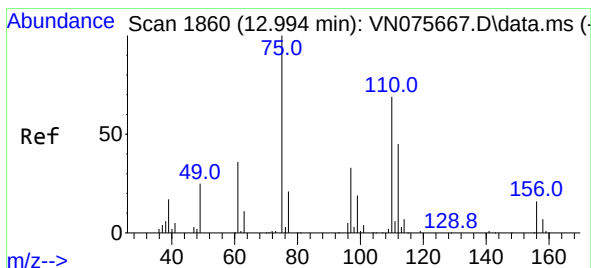
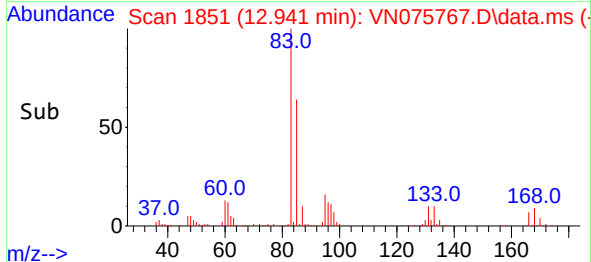
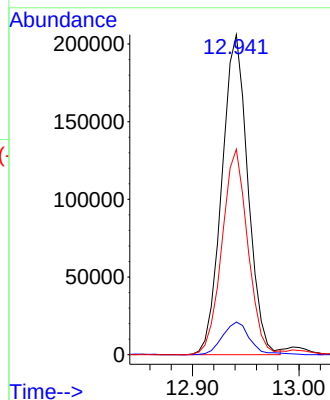
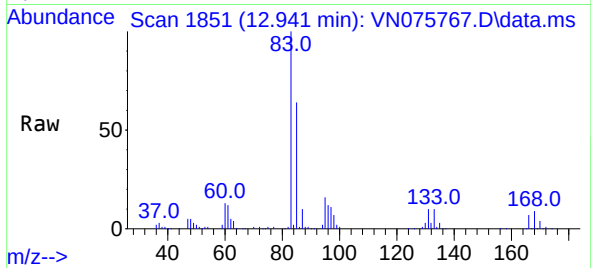




#75  
1,1,2,2-Tetrachloroethane  
Concen: 71.861 ug/l  
RT: 12.941 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

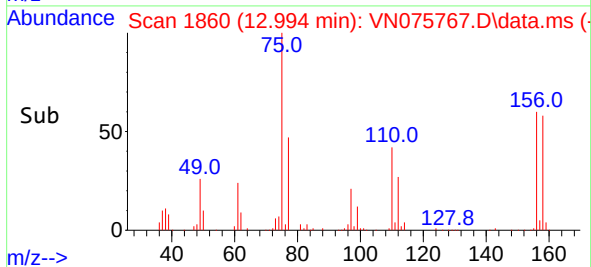
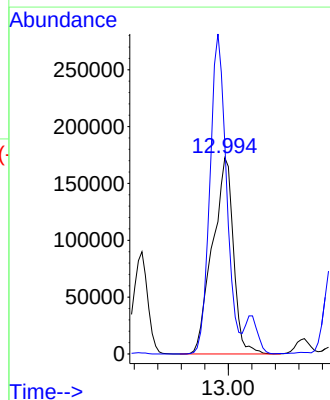
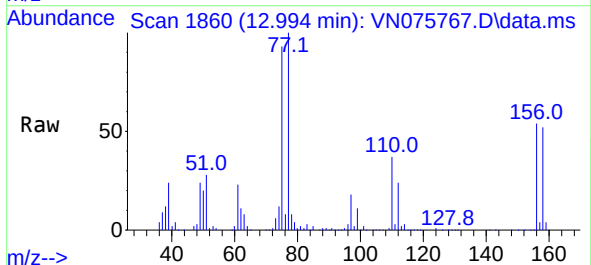
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC075

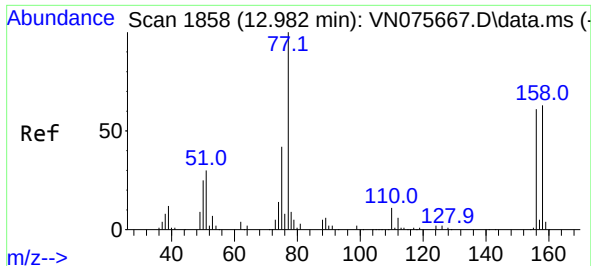
Tgt Ion: 83 Resp: 350105  
Ion Ratio Lower Upper  
83 100  
131 10.7 5.6 16.8  
85 63.8 32.6 98.0



#76  
1,2,3-Trichloropropane  
Concen: 97.235 ug/l  
RT: 12.994 min Scan# 1860  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 75 Resp: 427457  
Ion Ratio Lower Upper  
75 100  
77 129.6 82.6 247.8

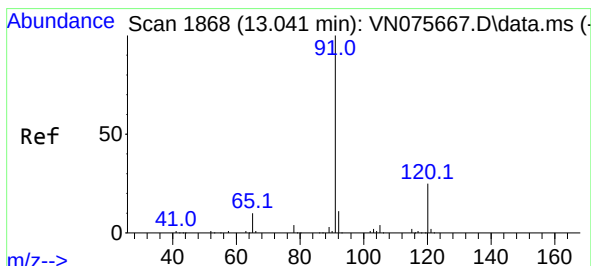
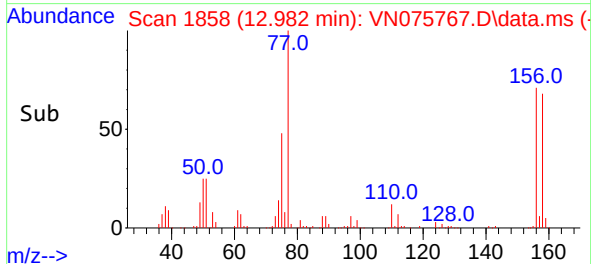
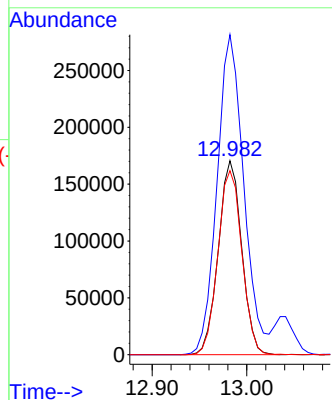
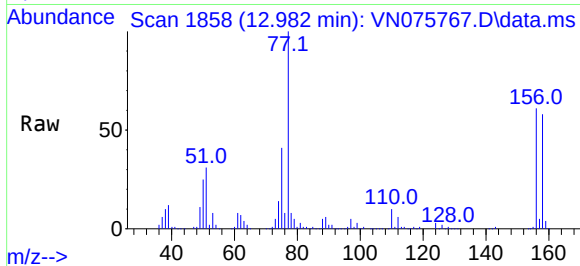




#77  
Bromobenzene  
Concen: 73.460 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

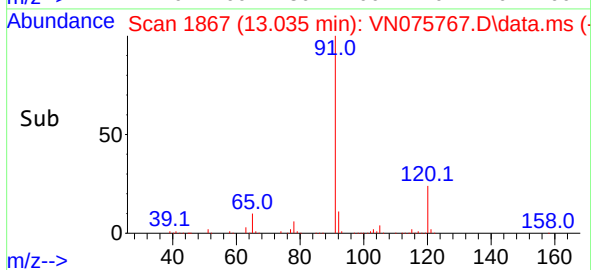
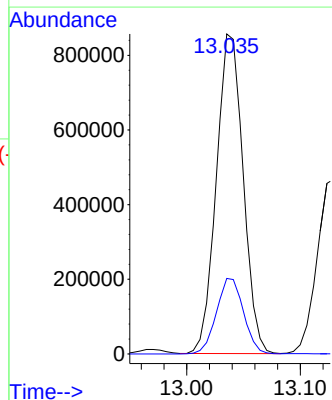
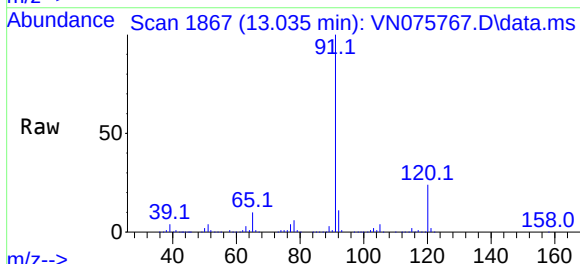
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC075

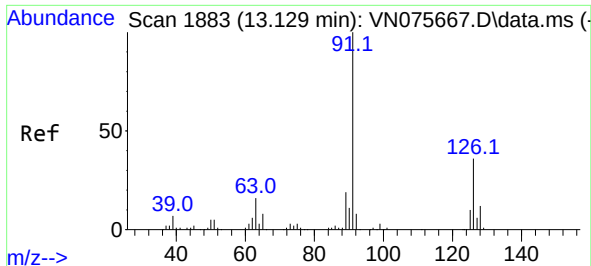
Tgt Ion:156 Resp: 292992  
Ion Ratio Lower Upper  
156 100  
77 189.0 93.8 281.3  
158 97.3 48.9 146.6



#78  
n-propylbenzene  
Concen: 80.870 ug/l  
RT: 13.035 min Scan# 1867  
Delta R.T. -0.006 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 91 Resp: 1405706  
Ion Ratio Lower Upper  
91 100  
120 23.8 12.0 36.1

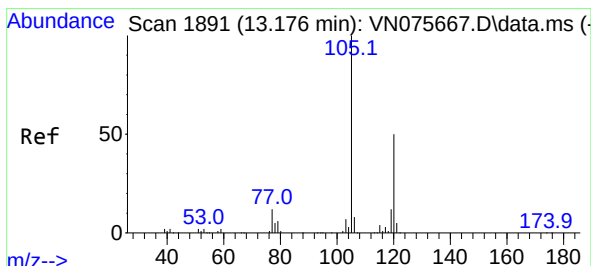
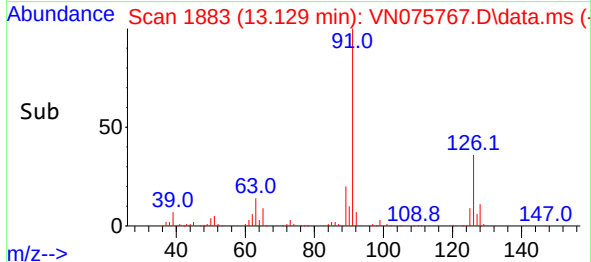
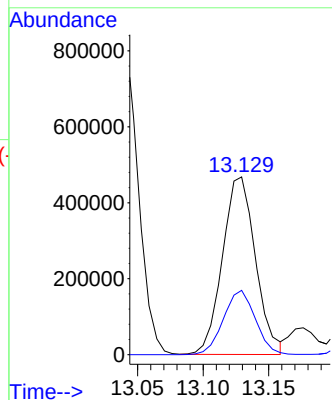
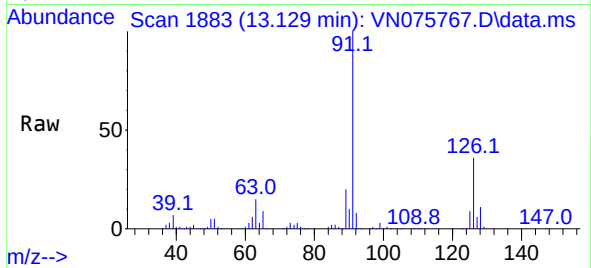




#79  
2-Chlorotoluene  
Concen: 75.532 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

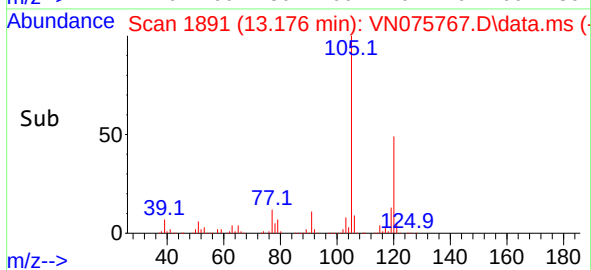
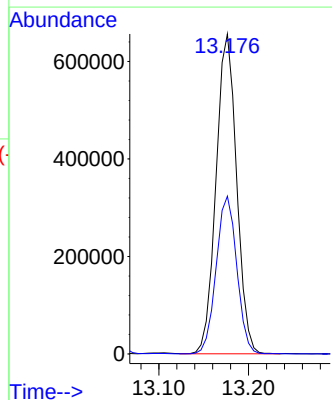
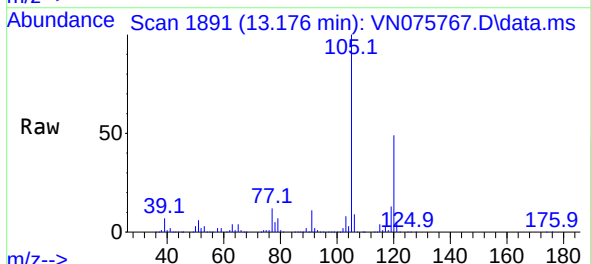
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC075

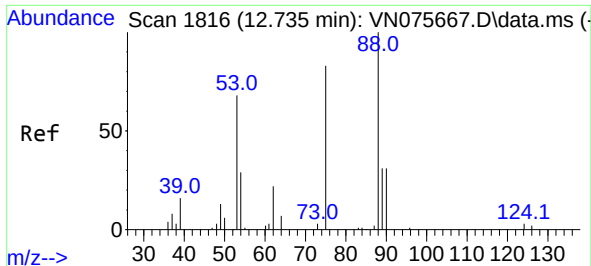
Tgt Ion: 91 Resp: 819561  
Ion Ratio Lower Upper  
91 100  
126 35.1 17.5 52.5



#80  
1,3,5-Trimethylbenzene  
Concen: 79.031 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion:105 Resp: 1042441  
Ion Ratio Lower Upper  
105 100  
120 49.6 24.7 74.1

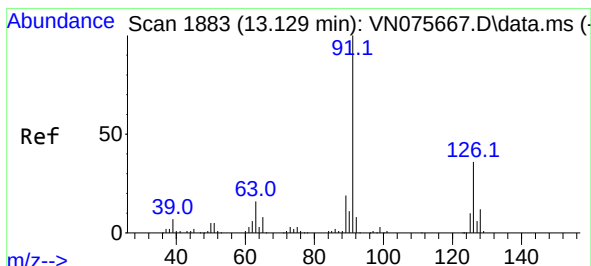
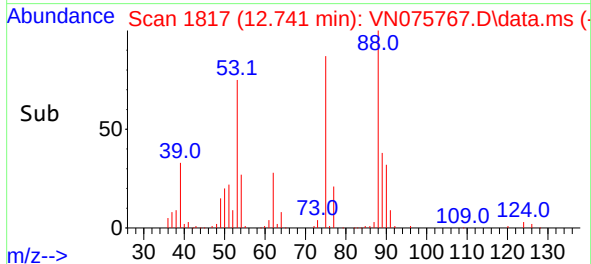
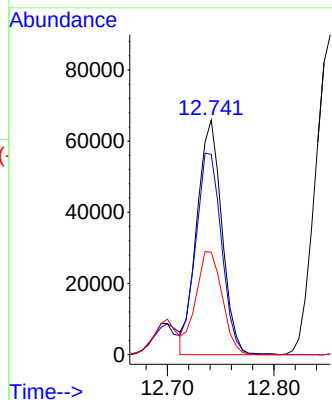
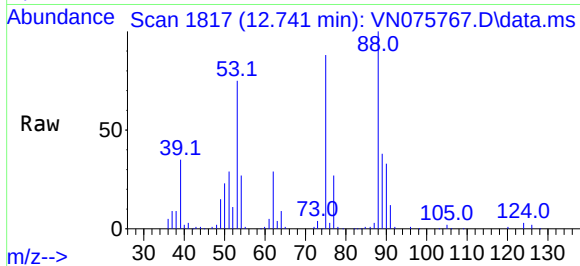




#81  
trans-1,4-Dichloro-2-butene  
Concen: 88.272 ug/l  
RT: 12.741 min Scan# 1817  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

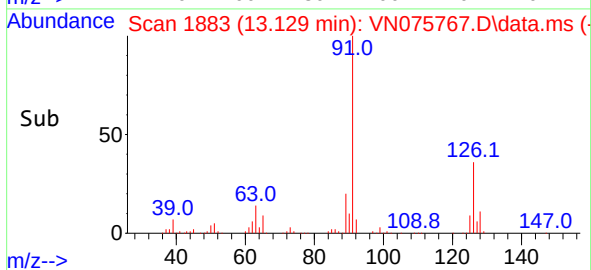
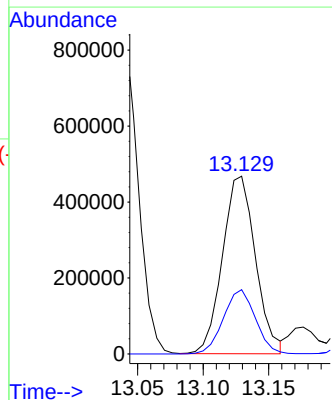
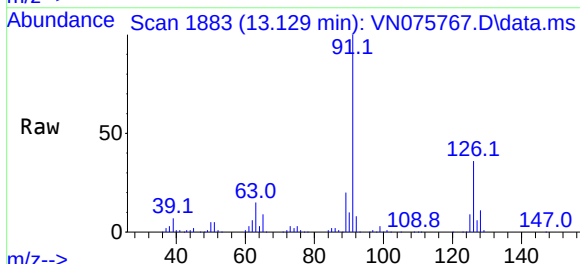
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC075

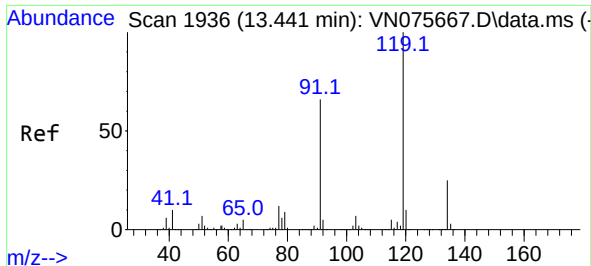
Tgt Ion: 75 Resp: 107807  
Ion Ratio Lower Upper  
75 100  
53 88.9 73.8 110.6  
89 46.7 39.5 59.3



#82  
4-Chlorotoluene  
Concen: 75.532 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 91 Resp: 819561  
Ion Ratio Lower Upper  
91 100  
126 35.1 17.5 52.5

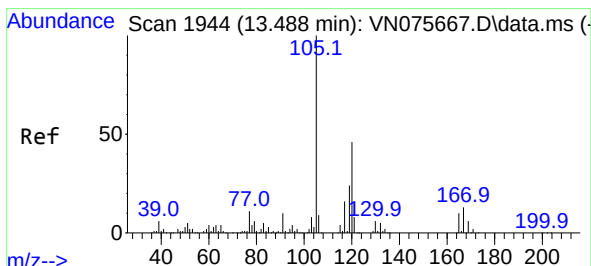
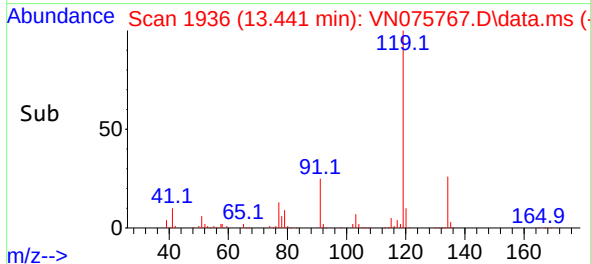
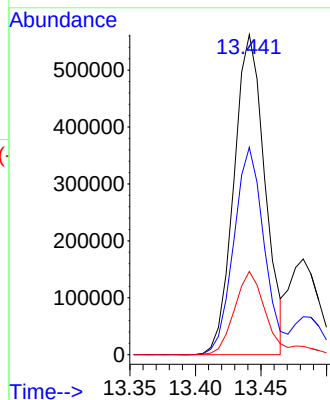
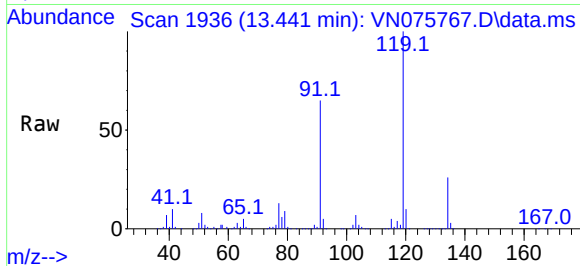




#83  
tert-Butylbenzene  
Concen: 79.675 ug/l  
RT: 13.441 min Scan# 1936  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

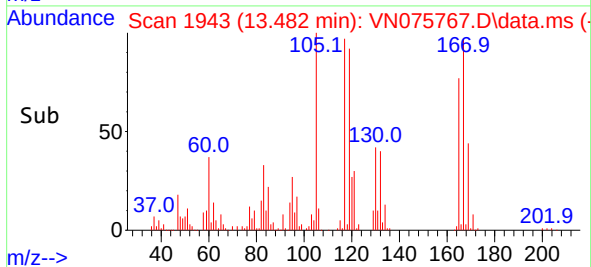
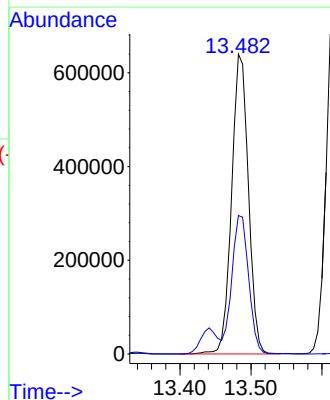
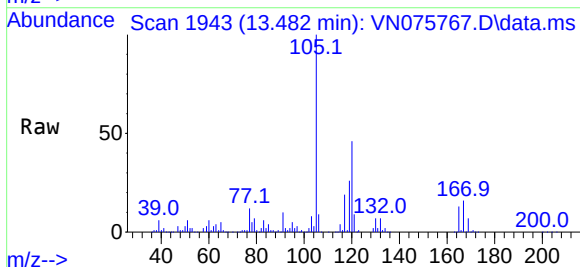
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC075

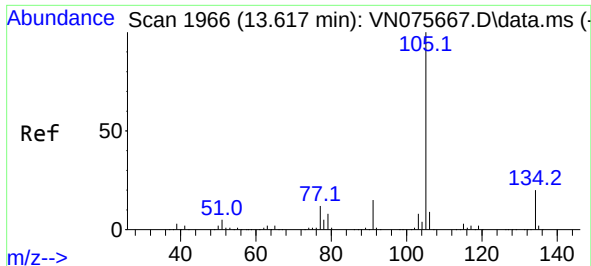
Tgt Ion:119 Resp: 926589  
Ion Ratio Lower Upper  
119 100  
91 64.1 31.9 95.5  
134 27.4 13.8 41.4



#84  
1,2,4-Trimethylbenzene  
Concen: 80.363 ug/l  
RT: 13.482 min Scan# 1943  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion:105 Resp: 1051567  
Ion Ratio Lower Upper  
105 100  
120 46.2 23.3 69.8

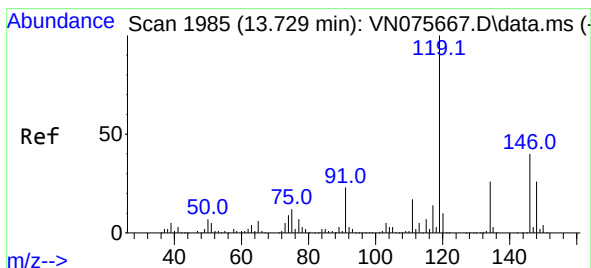
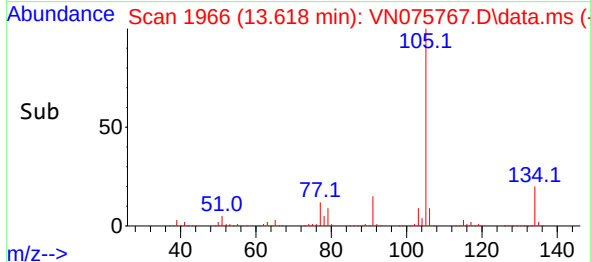
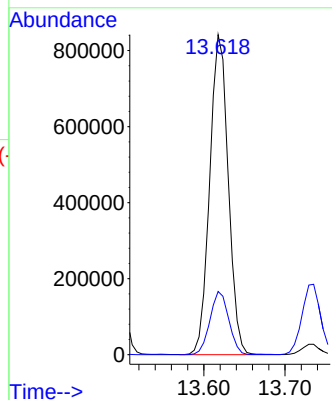
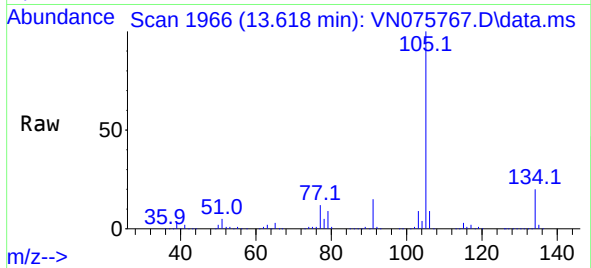




#85  
 sec-Butylbenzene  
 Concen: 83.104 ug/l  
 RT: 13.618 min Scan# 1966  
 Delta R.T. 0.000 min  
 Lab File: VN075767.D  
 Acq: 14 Dec 2022 12:32

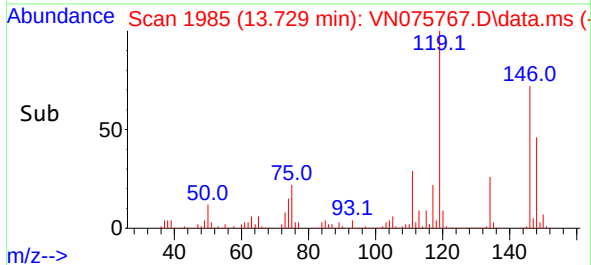
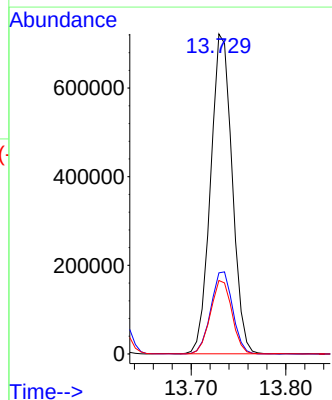
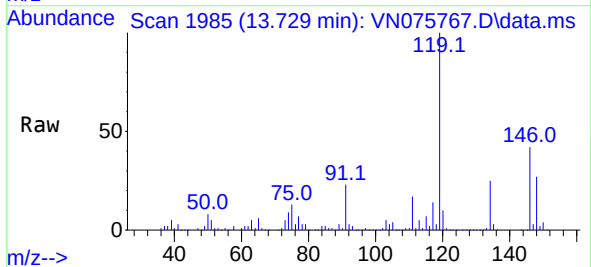
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC075

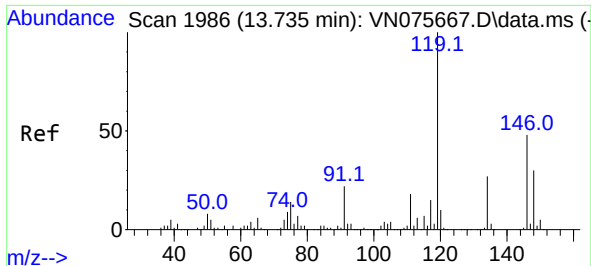
Tgt Ion:105 Resp: 1333949  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 85.230 ug/l  
 RT: 13.729 min Scan# 1985  
 Delta R.T. 0.000 min  
 Lab File: VN075767.D  
 Acq: 14 Dec 2022 12:32

Tgt Ion:119 Resp: 1138356  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 13.0 39.0  
 91 22.9 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 77.455 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC075

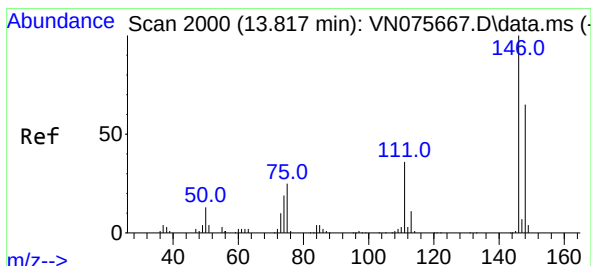
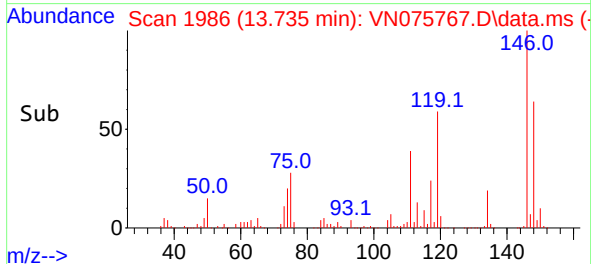
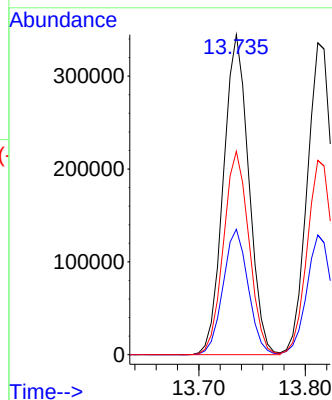
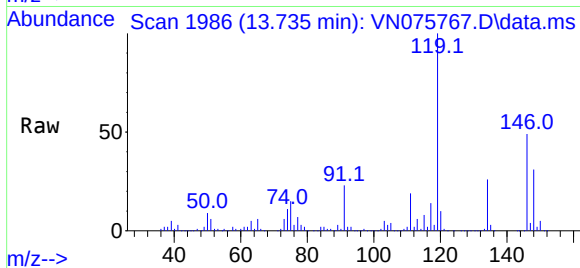
Tgt Ion:146 Resp: 570647

Ion Ratio Lower Upper

146 100

111 38.8 19.7 59.0

148 63.8 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 74.666 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

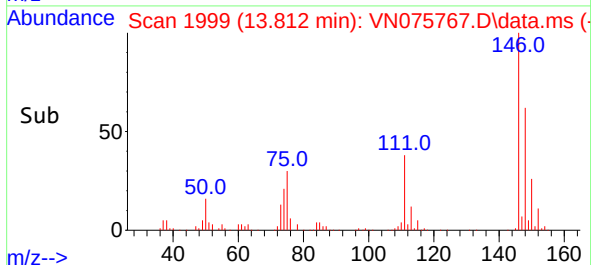
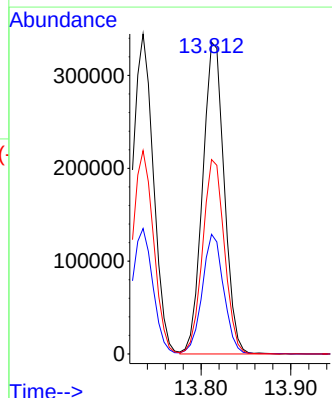
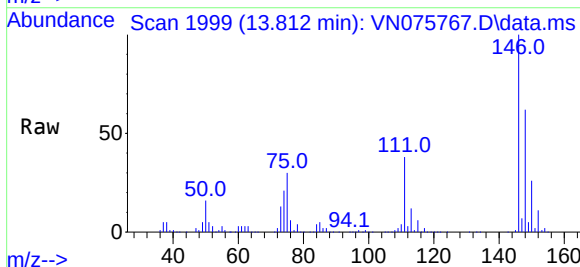
Tgt Ion:146 Resp: 561966

Ion Ratio Lower Upper

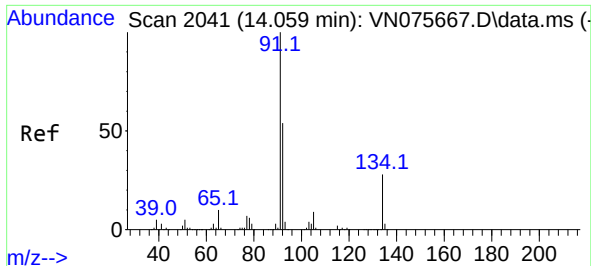
146 100

111 38.2 19.1 57.1

148 63.0 32.0 96.2



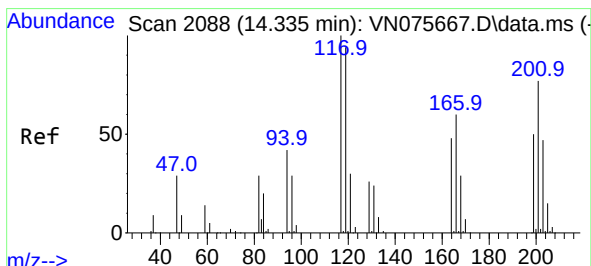
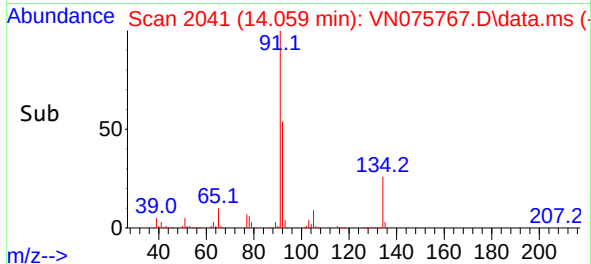
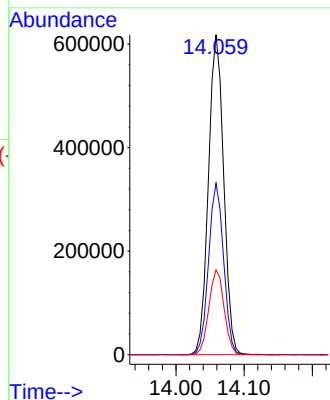
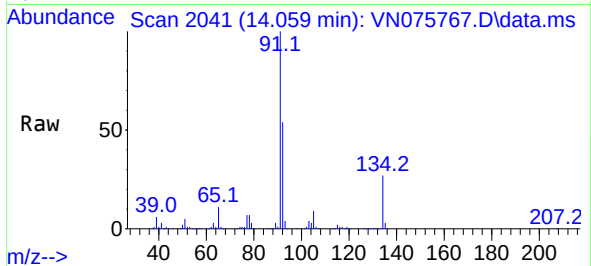




#89  
n-Butylbenzene  
Concen: 88.934 ug/l  
RT: 14.059 min Scan# 2041  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

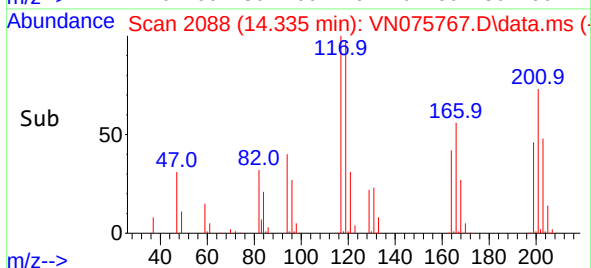
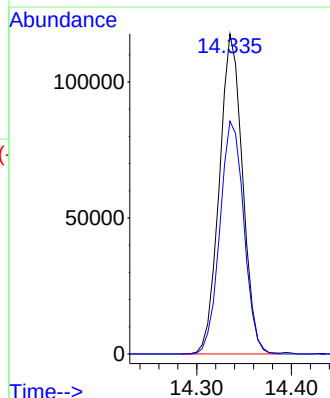
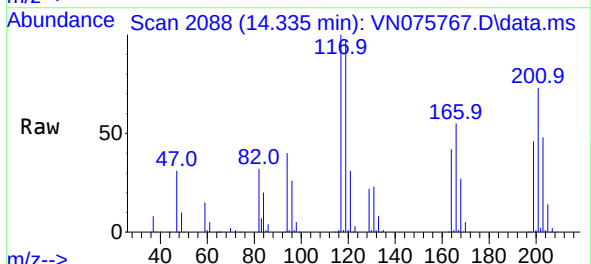
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC075

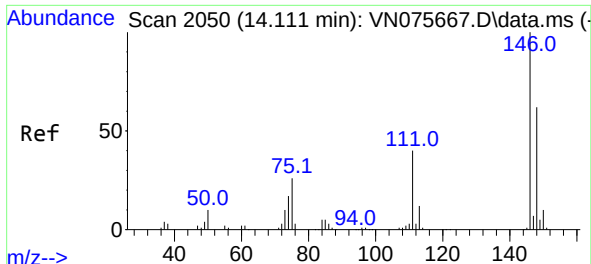
Tgt Ion: 91 Resp: 962297  
Ion Ratio Lower Upper  
91 100  
92 52.8 26.4 79.2  
134 26.6 13.4 40.2



#90  
Hexachloroethane  
Concen: 83.945 ug/l  
RT: 14.335 min Scan# 2088  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion: 117 Resp: 200559  
Ion Ratio Lower Upper  
117 100  
201 75.0 38.0 114.1





#91

1,2-Dichlorobenzene

Concen: 77.212 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. 0.000 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC075

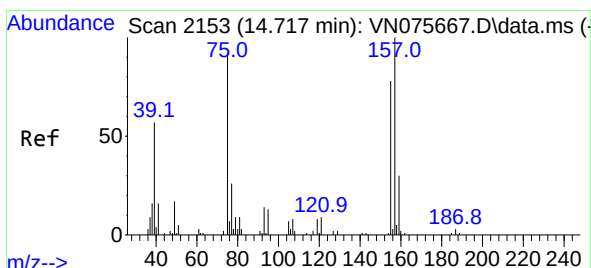
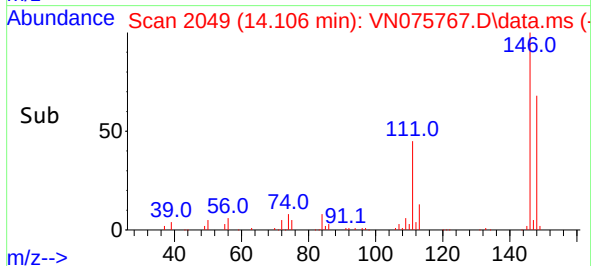
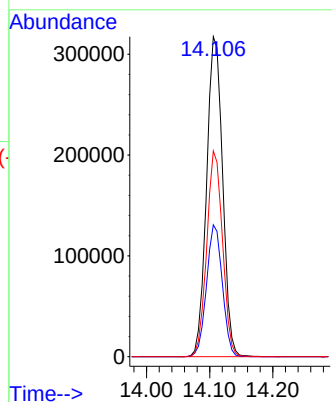
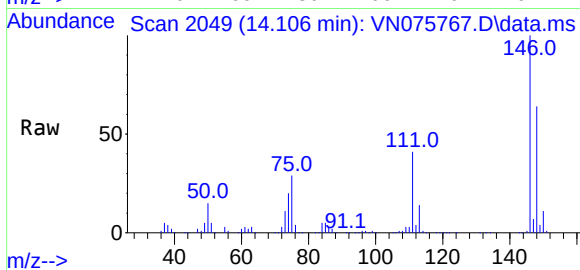
Tgt Ion:146 Resp: 560324

Ion Ratio Lower Upper

146 100

111 40.6 20.3 61.0

148 63.3 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 76.276 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

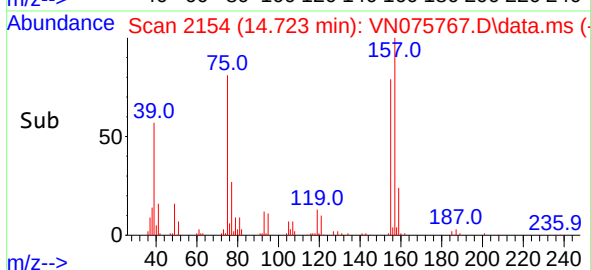
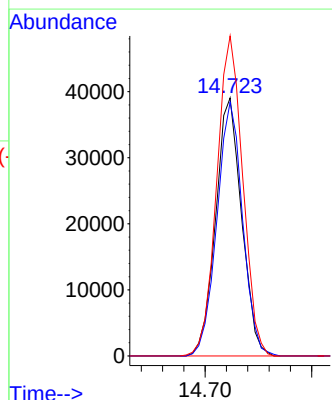
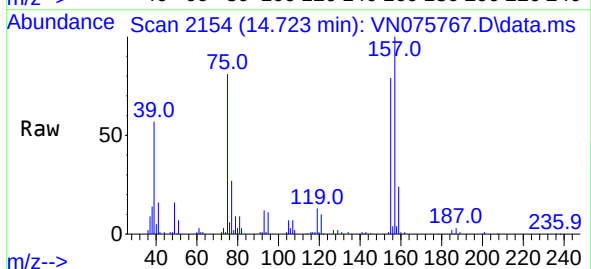
Tgt Ion: 75 Resp: 65940

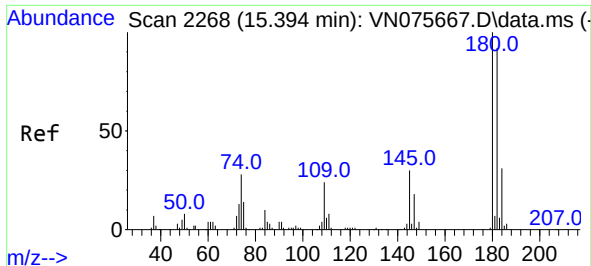
Ion Ratio Lower Upper

75 100

155 97.3 49.3 147.8

157 124.3 63.7 191.3

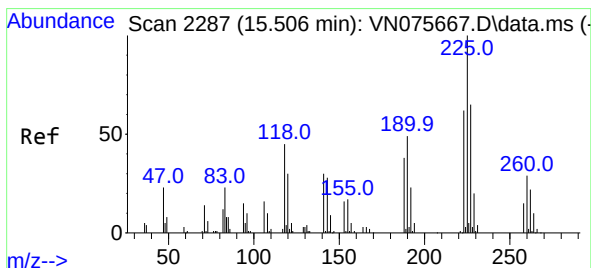
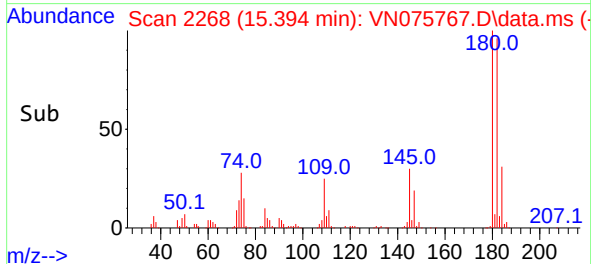
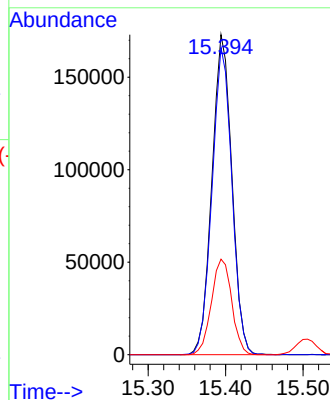
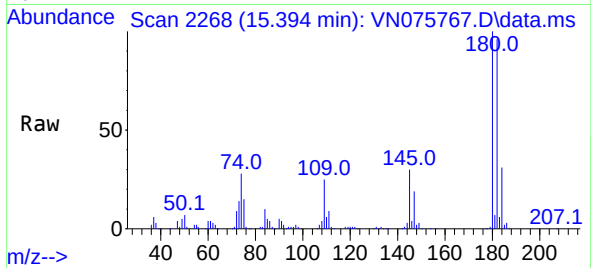




#93  
1,2,4-Trichlorobenzene  
Concen: 85.991 ug/l  
RT: 15.394 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

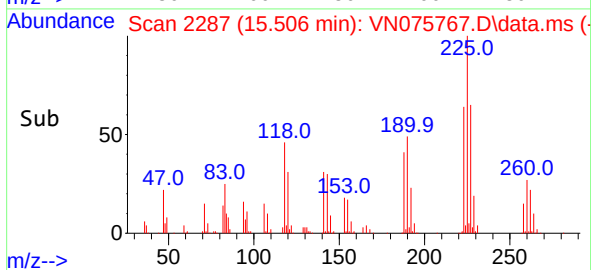
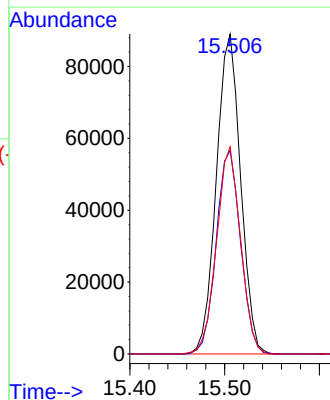
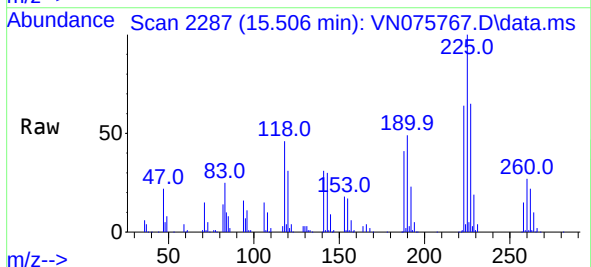
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC075

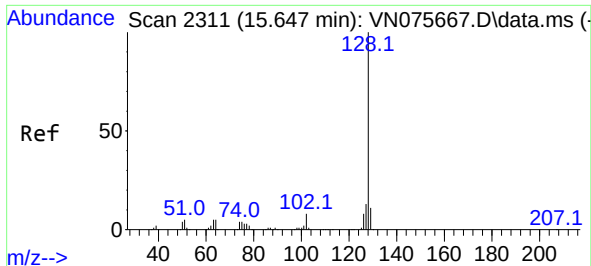
Tgt Ion:180 Resp: 308943  
Ion Ratio Lower Upper  
180 100  
182 95.5 47.5 142.5  
145 30.5 15.3 45.8



#94  
Hexachlorobutadiene  
Concen: 80.913 ug/l  
RT: 15.506 min Scan# 2287  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion:225 Resp: 158601  
Ion Ratio Lower Upper  
225 100  
223 63.8 31.5 94.5  
227 63.8 31.6 95.0

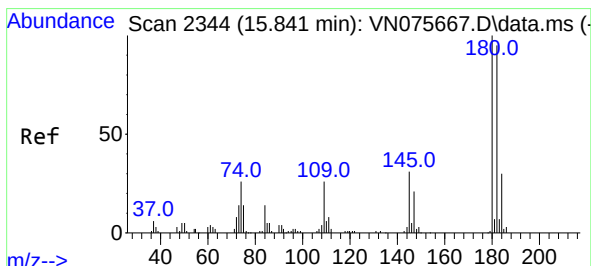
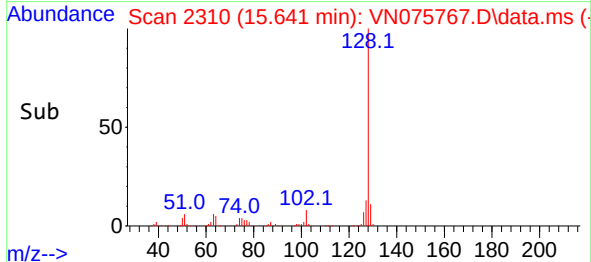
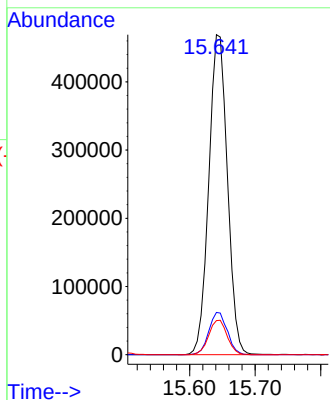
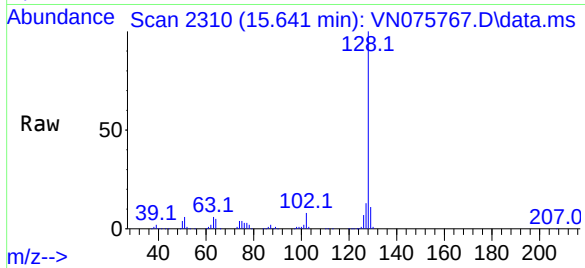




#95  
Naphthalene  
Concen: 76.634 ug/l  
RT: 15.641 min Scan# 2310  
Delta R.T. -0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC075

Tgt Ion:128 Resp: 923967  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.4 15.6  
129 10.7 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 88.724 ug/l  
RT: 15.841 min Scan# 2344  
Delta R.T. 0.000 min  
Lab File: VN075767.D  
Acq: 14 Dec 2022 12:32

Tgt Ion:180 Resp: 297931  
Ion Ratio Lower Upper  
180 100  
182 93.5 47.0 141.0  
145 31.8 16.0 47.9

