

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN080123\  
 Data File : VN078721.D  
 Acq On : 01 Aug 2023 17:00  
 Operator : JC\MD  
 Sample : VSTDICV020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICSVN080123

Quant Time: Aug 02 04:26:45 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N080123W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Aug 02 04:20:43 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 7.824  | 128   | 106162   | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 9.112  | 114   | 590670   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.871 | 117   | 517429   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.588  | 65    | 237546   | 29.851   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 99.500%  |
| 60) 4-Bromofluorobenzene     | 12.853 | 95    | 223562   | 28.830   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 96.100%  |
| 63) Toluene-d8               | 10.571 | 98    | 745558   | 29.168   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 97.233%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.136  | 85    | 125978   | 18.813   | ug/l   | 98       |
| 3) Chloromethane             | 2.377  | 50    | 177432   | 21.526   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.518  | 62    | 235730   | 21.044   | ug/l   | 93       |
| 5) Bromomethane              | 2.965  | 94    | 156561   | 18.697   | ug/l   | 98       |
| 6) Chloroethane              | 3.130  | 64    | 145641   | 19.963   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.506  | 101   | 347011   | 30.199   | ug/l   | 96       |
| 8) Diethyl Ether             | 3.971  | 74    | 73846    | 19.685   | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 4.377  | 101   | 122879   | 19.922   | ug/l   | 95       |
| 10) 1,1-Dichloroethene       | 4.353  | 96    | 117044   | 19.789   | ug/l   | 95       |
| 11) Methyl Iodide            | 4.600  | 142   | 164733   | 19.815   | ug/l   | 95       |
| 12) Methyl Acetate           | 5.036  | 43    | 192294   | 20.045   | ug/l   | 99       |
| 13) Acrolein                 | 4.189  | 56    | 107033   | 104.771  | ug/l   | 96       |
| 14) Acrylonitrile            | 5.736  | 53    | 278487   | 99.135   | ug/l   | 98       |
| 15) Acetone                  | 4.442  | 58    | 83064    | 102.055  | ug/l   | 99       |
| 16) Carbon Disulfide         | 4.718  | 76    | 314650   | 18.833   | ug/l   | 98       |
| 17) Allyl chloride           | 5.042  | 41    | 147790   | 18.301   | ug/l   | 97       |
| 18) Methylene Chloride       | 5.289  | 84    | 143536   | 20.228   | ug/l   | 93       |
| 19) trans-1,2-Dichloroethene | 5.800  | 96    | 129006   | 18.865   | ug/l   | 89       |
| 20) Diisopropyl ether        | 6.683  | 45    | 361511   | 19.882   | ug/l   | 98       |
| 21) 1,1-Dichloroethane       | 6.583  | 63    | 242468   | 20.138   | ug/l   | 97       |
| 22) cis-1,2-Dichloroethene   | 7.500  | 96    | 152719   | 19.886   | ug/l   | 99       |
| 23) tert-Butyl Alcohol       | 5.536  | 59    | 111427   | 97.070   | ug/l # | 100      |
| 25) Chloroform               | 7.977  | 83    | 263169   | 20.645   | ug/l   | 99       |
| 26) Cyclohexane              | 8.265  | 56    | 183278   | 20.665   | ug/l # | 99       |
| 29) 1,1-Dichloropropene      | 8.377  | 75    | 185894   | 21.389   | ug/l   | 99       |
| 30) 2-Butanone               | 7.494  | 43    | 379002   | 110.312  | ug/l # | 97       |
| 31) 2,2-Dichloropropane      | 7.500  | 77    | 213395   | 21.397   | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 8.171  | 97    | 243470   | 22.141   | ug/l   | 97       |
| 33) Carbon Tetrachloride     | 8.365  | 117   | 214813   | 21.995   | ug/l   | 90       |
| 34) Benzene                  | 8.612  | 78    | 567065   | 21.720   | ug/l   | 99       |
| 35) Methacrylonitrile        | 7.783  | 41    | 83116    | 22.030   | ug/l   | 81       |
| 36) 1,2-Dichloroethane       | 8.683  | 62    | 199595   | 21.768   | ug/l   | 99       |
| 37) Trichloroethene          | 9.359  | 130   | 148717   | 20.299   | ug/l   | 99       |
| 38) Methylcyclohexane        | 9.612  | 83    | 181935   | 20.373   | ug/l   | 98       |
| 39) 1,2-Dichloropropane      | 9.630  | 63    | 140555   | 20.083   | ug/l   | 96       |
| 40) Dibromomethane           | 9.718  | 93    | 105130   | 21.703   | ug/l   | 97       |
| 41) Bromodichloromethane     | 9.894  | 83    | 215572   | 22.260   | ug/l # | 99       |
| 42) Vinyl Acetate            | 6.618  | 43    | 1139252  | 103.138  | ug/l   | 99       |
| 43) Ethyl Acetate            | 7.571  | 43    | 137831   | 19.405   | ug/l   | 96       |

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 Sample : VSTDICV020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN080123

Quant Time: Aug 02 04:26:45 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N080123W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Aug 02 04:20:43 2023  
 Response via : Initial Calibration

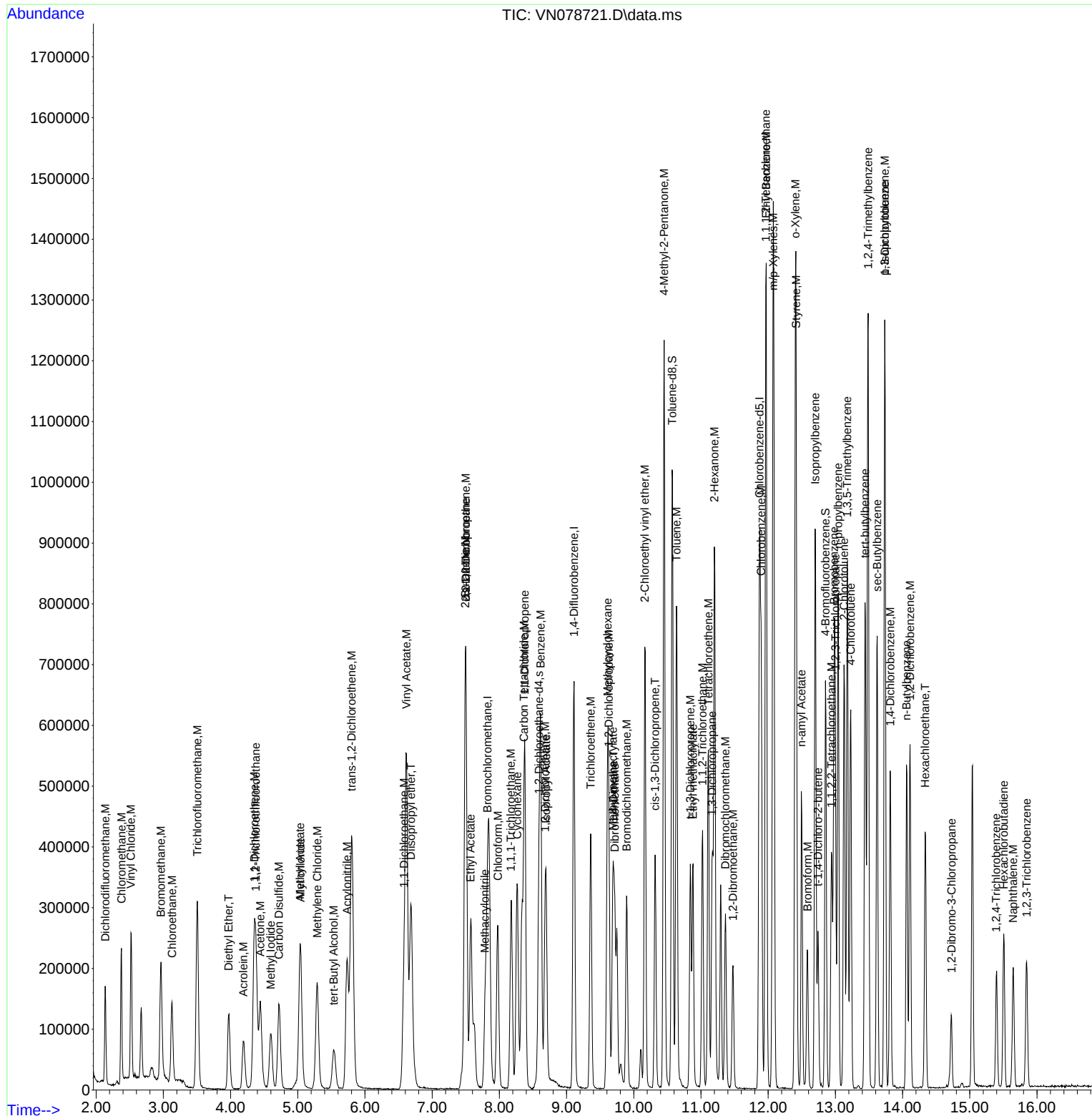
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) Isopropyl Acetate         | 8.694  | 43   | 273685   | 21.962  | ug/l  | 97       |
| 45) 1,4-Dioxane               | 9.700  | 88   | 51569    | 449.853 | ug/l  | 100      |
| 46) Methyl methacrylate       | 9.688  | 41   | 126395   | 22.148  | ug/l  | 96       |
| 47) n-amyl Acetate            | 12.494 | 43   | 237127   | 24.706  | ug/l  | 98       |
| 48) t-1,3-Dichloropropene     | 10.841 | 75   | 209265   | 20.246  | ug/l  | 97       |
| 49) cis-1,3-Dichloropropene   | 10.318 | 75   | 225243   | 20.517  | ug/l  | 95       |
| 50) 1,1,2-Trichloroethane     | 11.024 | 97   | 138467   | 20.193  | ug/l  | 97       |
| 51) Ethyl methacrylate        | 10.882 | 69   | 196415   | 20.922  | ug/l  | 96       |
| 52) 1,3-Dichloropropane       | 11.165 | 76   | 241041   | 19.558  | ug/l  | 99       |
| 53) Dibromochloromethane      | 11.365 | 129  | 158809   | 20.501  | ug/l  | 96       |
| 54) 1,2-Dibromoethane         | 11.476 | 107  | 143296   | 20.811  | ug/l  | 97       |
| 55) 2-Chloroethyl vinyl ether | 10.165 | 63   | 343570   | 114.850 | ug/l  | 98       |
| 56) Bromoform                 | 12.588 | 173  | 108428   | 21.392  | ug/l  | 96       |
| 58) 4-Methyl-2-Pentanone      | 10.453 | 43   | 773246   | 99.840  | ug/l  | 99       |
| 59) 2-Hexanone                | 11.200 | 43   | 563897   | 96.161  | ug/l  | 97       |
| 61) Tetrachloroethene         | 11.112 | 164  | 128492   | 18.885  | ug/l  | 95       |
| 62) Toluene                   | 10.635 | 91   | 621871   | 19.980  | ug/l  | 98       |
| 64) Chlorobenzene             | 11.894 | 112  | 369216   | 20.319  | ug/l  | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 147269   | 20.550  | ug/l  | 99       |
| 66) Ethyl Benzene             | 11.971 | 91   | 635784   | 20.269  | ug/l  | 99       |
| 67) m/p-Xylenes               | 12.076 | 106  | 488562   | 40.775  | ug/l  | 99       |
| 68) o-Xylene                  | 12.406 | 106  | 249541   | 20.468  | ug/l  | 98       |
| 69) Styrene                   | 12.418 | 104  | 396323   | 20.203  | ug/l  | 99       |
| 70) Isopropylbenzene          | 12.700 | 105  | 613786   | 20.351  | ug/l  | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 193428   | 19.743  | ug/l  | 99       |
| 72) 1,2,3-Trichloropropane    | 13.000 | 75   | 232090   | 28.239  | ug/l  | 56       |
| 73) Bromobenzene              | 12.982 | 156  | 146579   | 19.828  | ug/l  | 96       |
| 74) n-propylbenzene           | 13.041 | 91   | 648802   | 19.408  | ug/l  | 98       |
| 75) 2-Chlorotoluene           | 13.129 | 91   | 416526   | 18.042  | ug/l  | 100      |
| 76) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 488272   | 18.132  | ug/l  | 99       |
| 77) t-1,4-Dichloro-2-butene   | 12.741 | 75   | 55014    | 19.152  | ug/l  | 91       |
| 78) 4-Chlorotoluene           | 13.229 | 91   | 385855   | 17.310  | ug/l  | 99       |
| 79) tert-butylbenzene         | 13.441 | 119  | 415798   | 17.940  | ug/l  | 98       |
| 80) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 462919   | 17.999  | ug/l  | 96       |
| 81) sec-Butylbenzene          | 13.623 | 105  | 521498   | 17.554  | ug/l  | 98       |
| 82) p-Isopropyltoluene        | 13.735 | 119  | 417055   | 17.100  | ug/l  | 99       |
| 83) 1,3-Dichlorobenzene       | 13.735 | 146  | 232945   | 17.769  | ug/l  | 97       |
| 84) 1,4-Dichlorobenzene       | 13.817 | 146  | 223482   | 18.209  | ug/l  | 98       |
| 85) n-Butylbenzene            | 14.059 | 91   | 304569   | 18.008  | ug/l  | 99       |
| 86) Hexachloroethane          | 14.335 | 117  | 85637    | 19.271  | ug/l  | 94       |
| 87) 1,2-Dichlorobenzene       | 14.112 | 146  | 240952   | 19.638  | ug/l  | 97       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.729 | 75   | 30110    | 18.097  | ug/l  | 94       |
| 89) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 62089    | 17.737  | ug/l  | 97       |
| 90) Hexachlorobutadiene       | 15.506 | 225  | 52240    | 19.589  | ug/l  | 98       |
| 91) Naphthalene               | 15.647 | 128  | 189984   | 17.915  | ug/l  | 100      |
| 92) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 74338    | 18.660  | ug/l  | 96       |

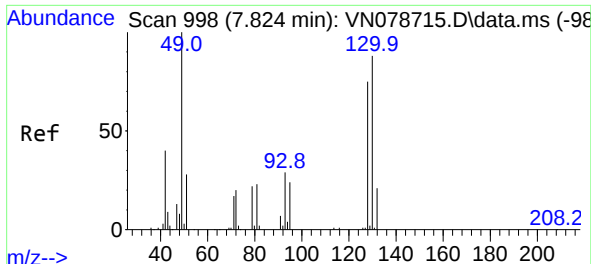
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ALS Vial : 11 Sample Multiplier: 1

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 ICVVN080123

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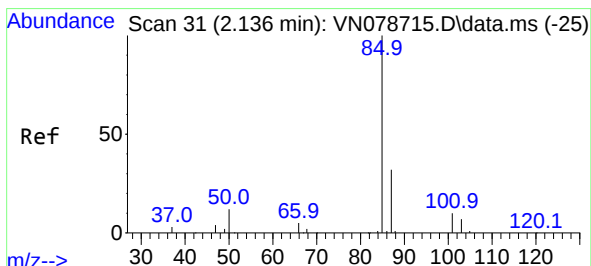
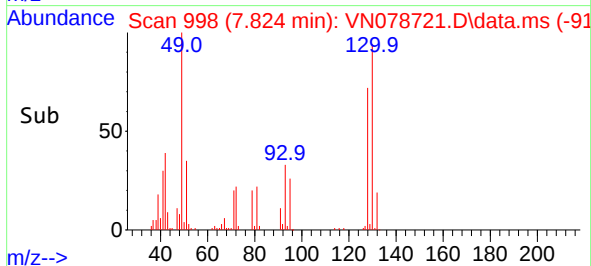
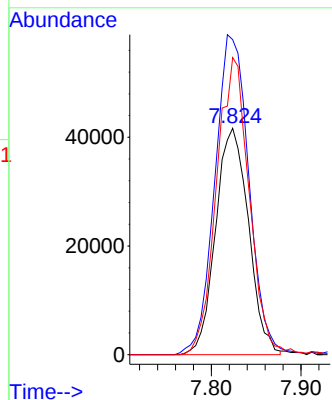
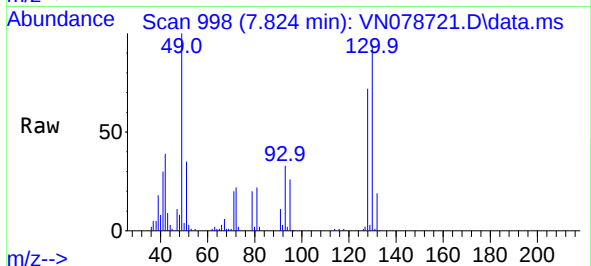




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.824 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

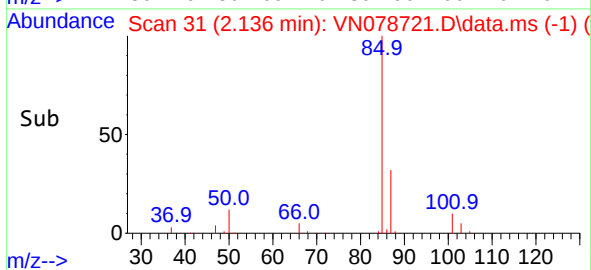
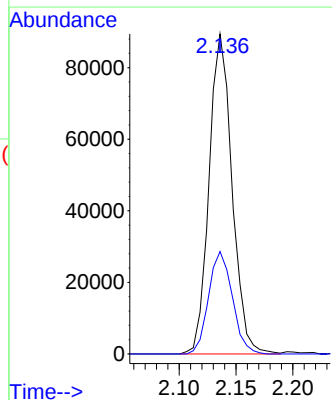
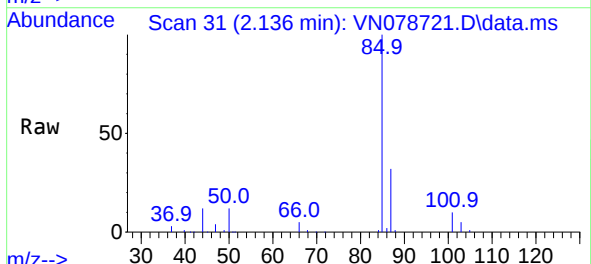
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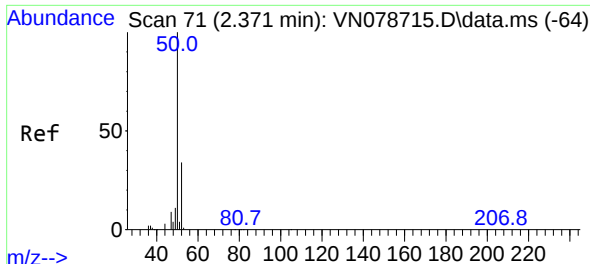
Tgt Ion:128 Resp: 106162  
Ion Ratio Lower Upper  
128 100  
49 146.3 0.0 370.8  
130 130.3 0.0 307.0



#2  
Dichlorodifluoromethane  
Concen: 18.813 ug/l  
RT: 2.136 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 85 Resp: 125978  
Ion Ratio Lower Upper  
85 100  
87 32.0 16.4 49.4

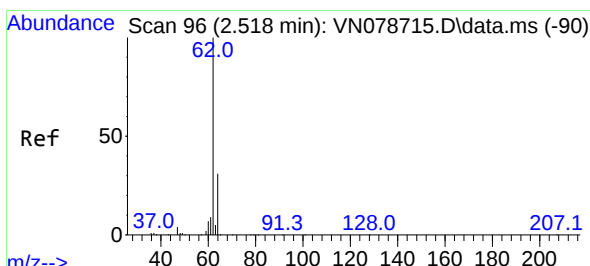
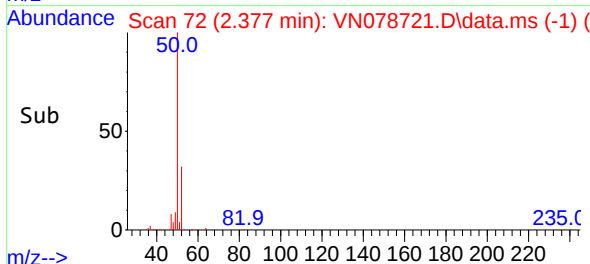
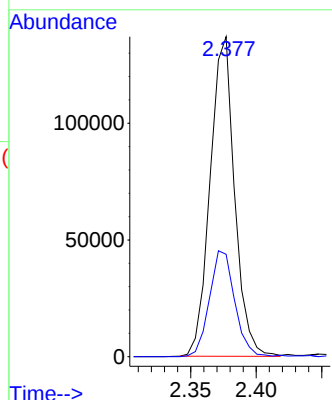
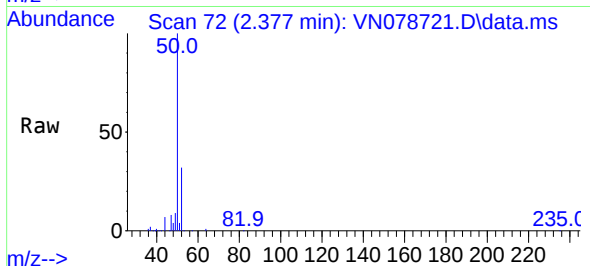




#3  
Chloromethane  
Concen: 21.526 ug/l  
RT: 2.377 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

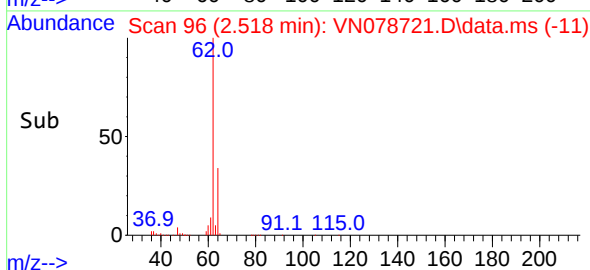
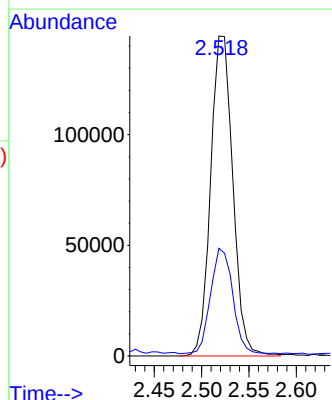
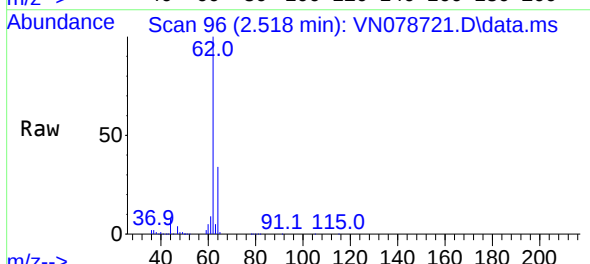
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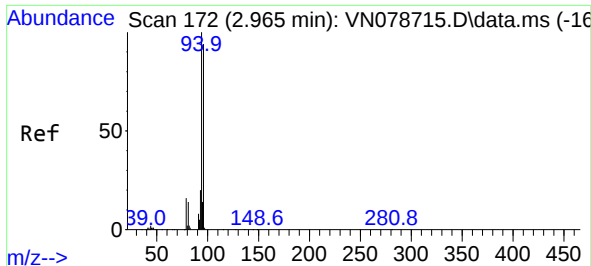
Tgt Ion: 50 Resp: 177432  
Ion Ratio Lower Upper  
50 100  
52 32.0 24.6 36.8



#4  
Vinyl Chloride  
Concen: 21.044 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 62 Resp: 235730  
Ion Ratio Lower Upper  
62 100  
64 33.0 23.3 34.9

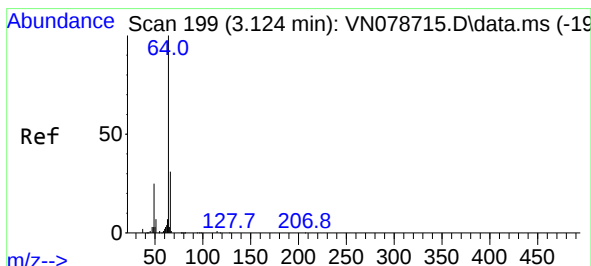
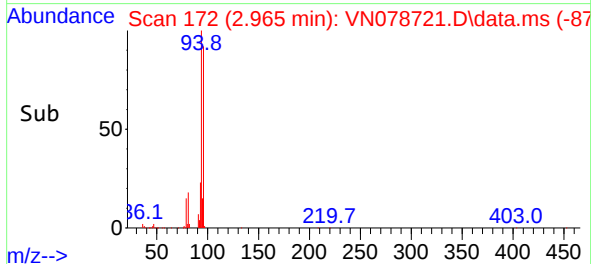
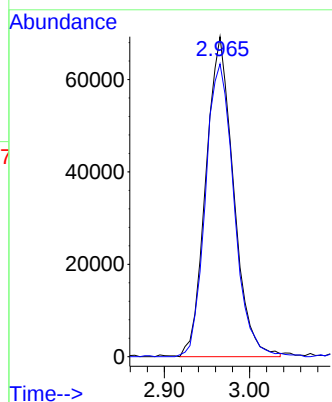
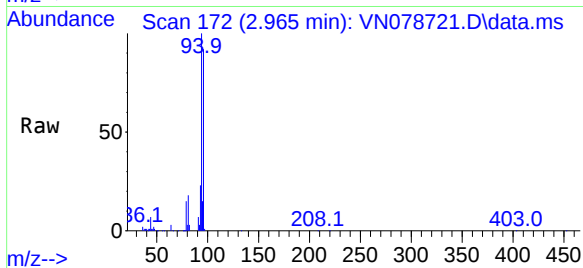




#5  
Bromomethane  
Concen: 18.697 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

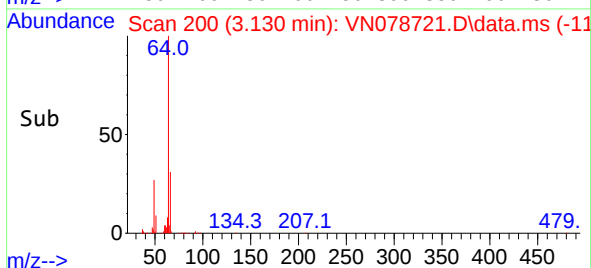
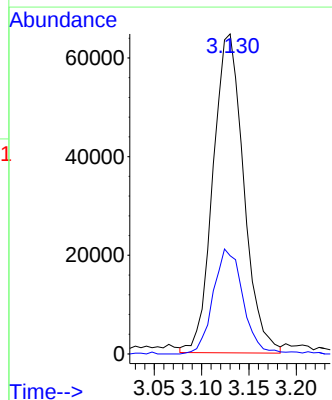
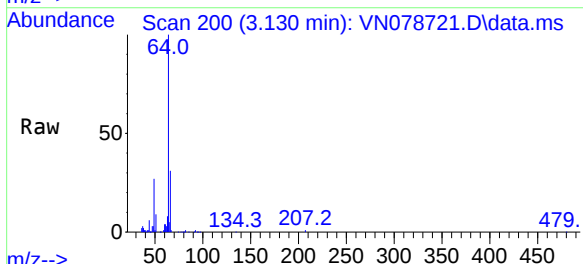
Instrument :  
MSVOA\_N  
ClientSampleId :  
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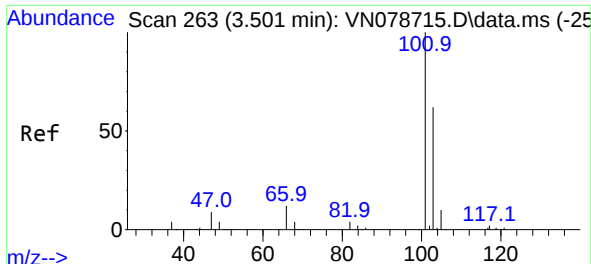
Tgt Ion: 94 Resp: 156561  
Ion Ratio Lower Upper  
94 100  
96 90.9 73.9 110.9



#6  
Chloroethane  
Concen: 19.963 ug/l  
RT: 3.130 min Scan# 200  
Delta R.T. 0.006 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 64 Resp: 145641  
Ion Ratio Lower Upper  
64 100  
66 31.3 25.7 38.5

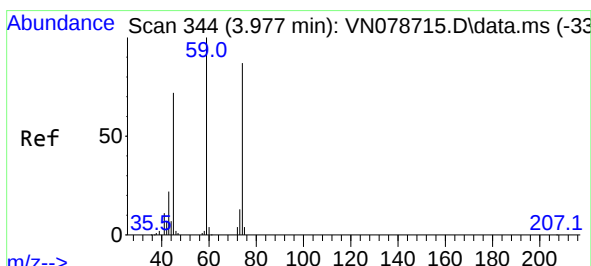
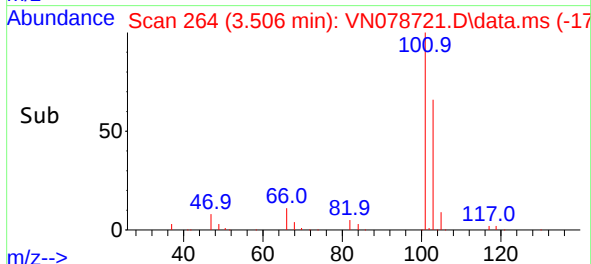
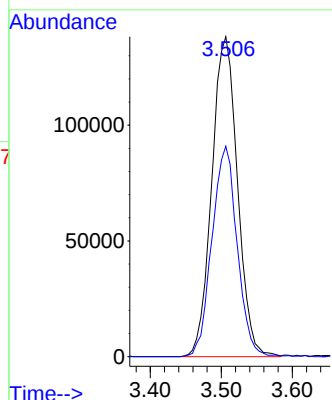
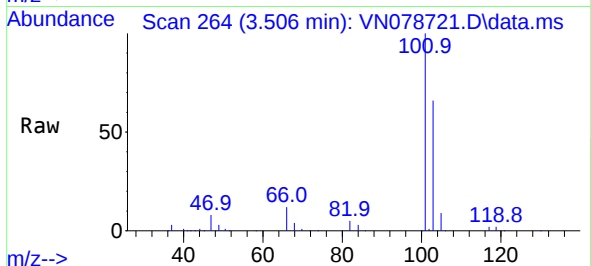




#7  
Trichlorofluoromethane  
Concen: 30.199 ug/l  
RT: 3.506 min Scan# 20  
Delta R.T. 0.005 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

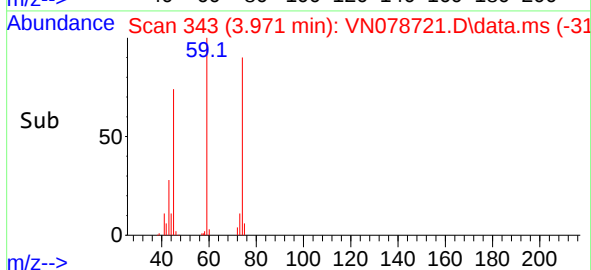
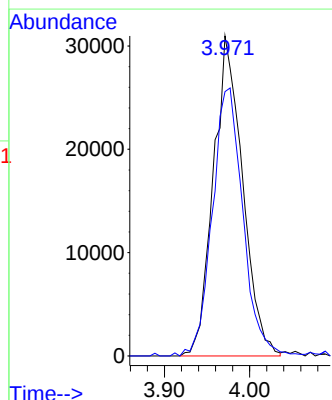
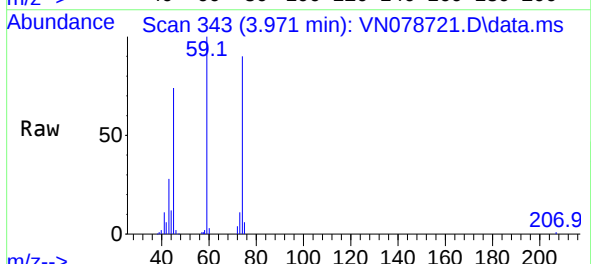
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

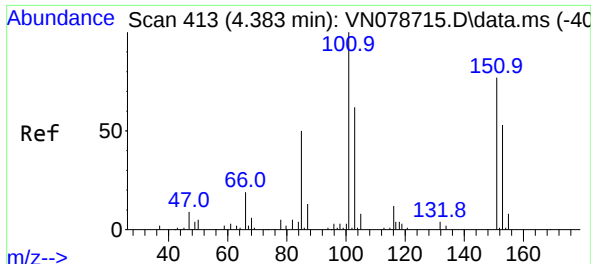
Tgt Ion:101 Resp: 347011  
Ion Ratio Lower Upper  
101 100  
103 65.7 50.4 75.6



#8  
Diethyl Ether  
Concen: 19.685 ug/l  
RT: 3.971 min Scan# 343  
Delta R.T. -0.006 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 74 Resp: 73846  
Ion Ratio Lower Upper  
74 100  
45 87.5 16.3 146.5

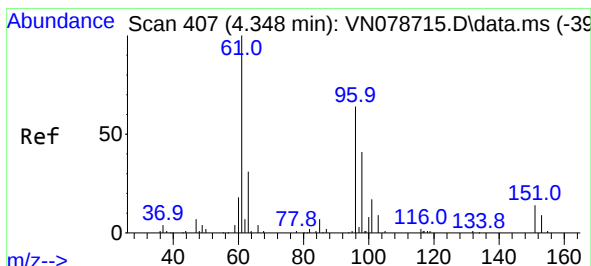
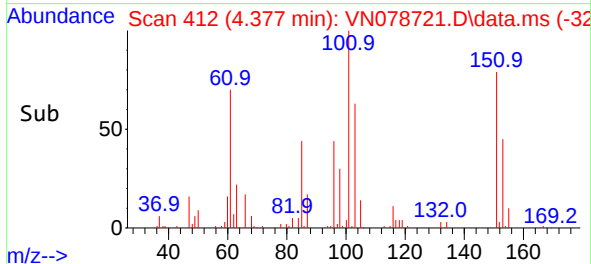
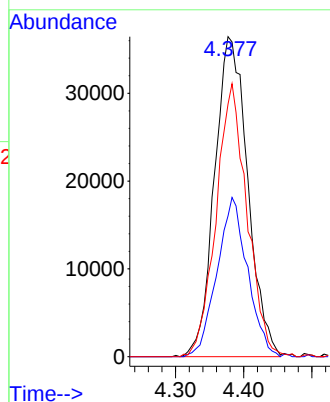
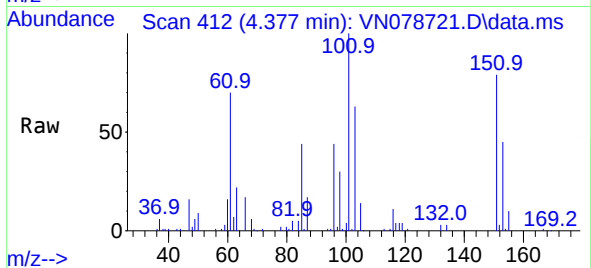




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.922 ug/l  
RT: 4.377 min Scan# 413  
Delta R.T. -0.006 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

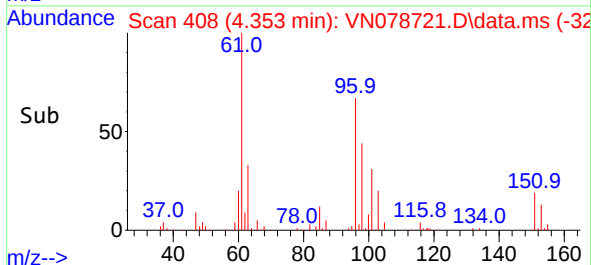
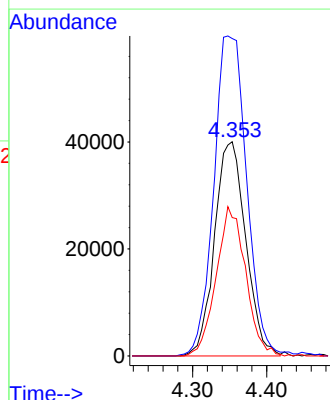
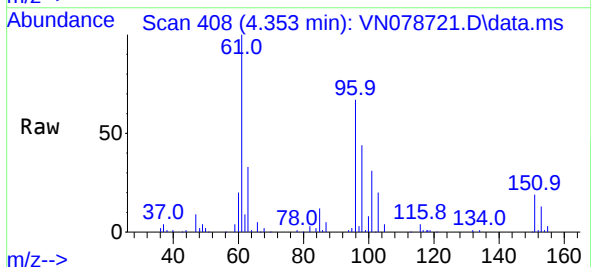
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

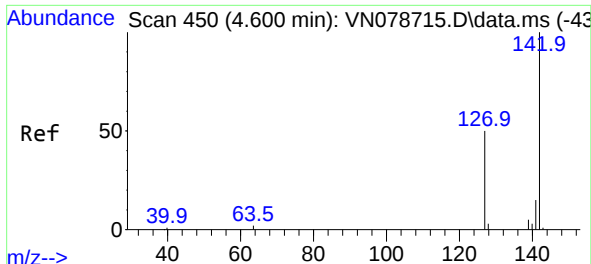
Tgt Ion:101 Resp: 122879  
Ion Ratio Lower Upper  
101 100  
85 45.9 0.0 89.2  
151 79.7 0.0 148.8



#10  
1,1-Dichloroethene  
Concen: 19.789 ug/l  
RT: 4.353 min Scan# 408  
Delta R.T. 0.005 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 96 Resp: 117044  
Ion Ratio Lower Upper  
96 100  
61 147.7 123.4 185.2  
98 64.6 53.7 80.5

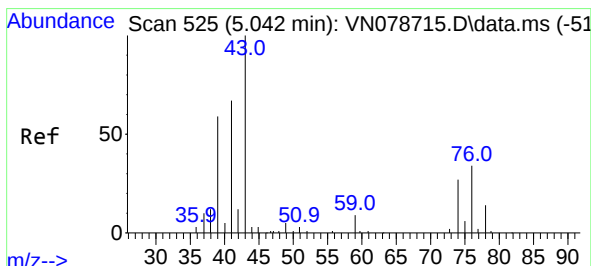
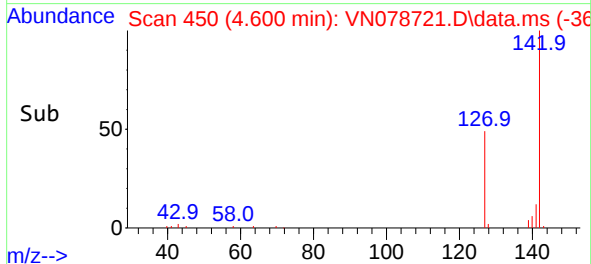
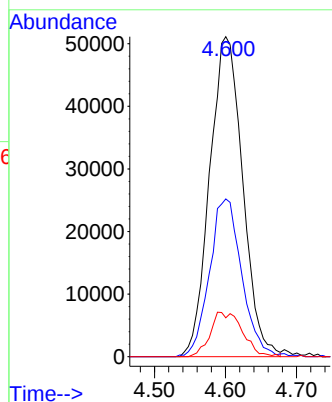
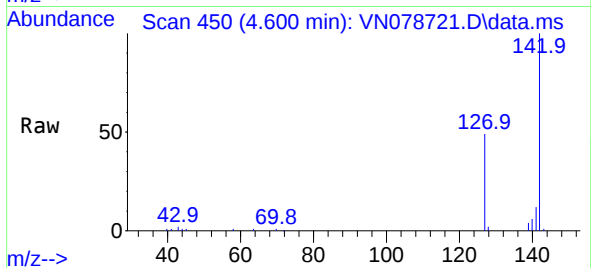




#11  
Methyl Iodide  
Concen: 19.815 ug/l  
RT: 4.600 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

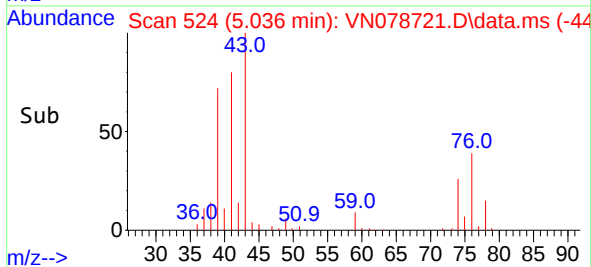
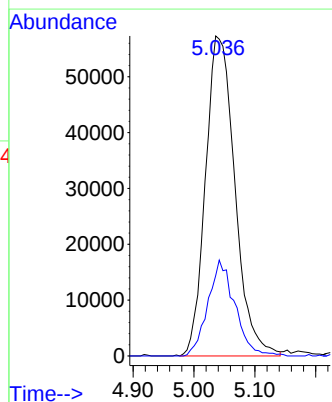
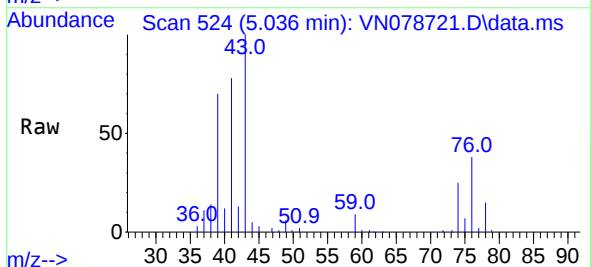
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVFN080123

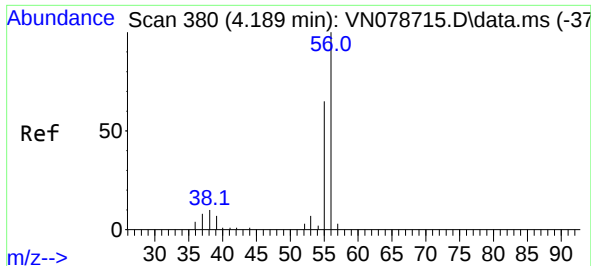
Tgt Ion:142 Resp: 164733  
Ion Ratio Lower Upper  
142 100  
127 48.9 23.2 69.5  
141 11.6 7.2 21.7



#12  
Methyl Acetate  
Concen: 20.045 ug/l  
RT: 5.036 min Scan# 524  
Delta R.T. -0.006 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 43 Resp: 192294  
Ion Ratio Lower Upper  
43 100  
74 25.0 20.5 30.7

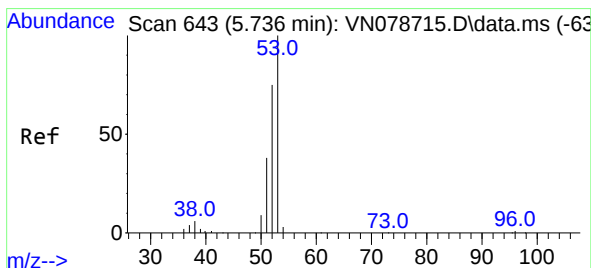
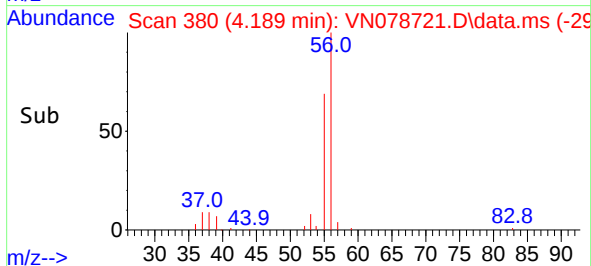
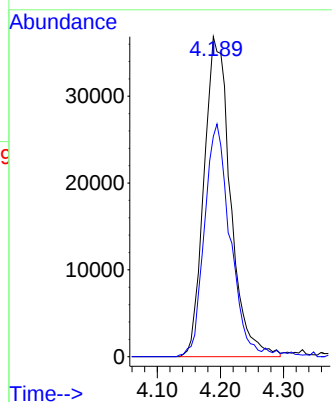
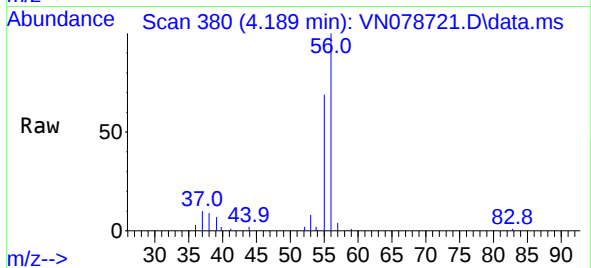




#13  
Acrolein  
Concen: 104.771 ug/l  
RT: 4.189 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

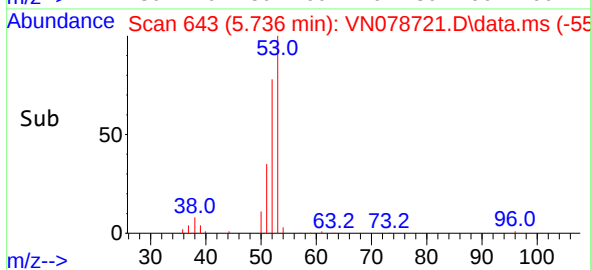
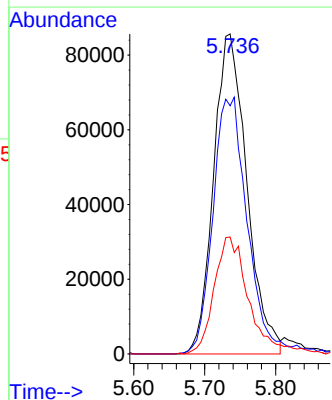
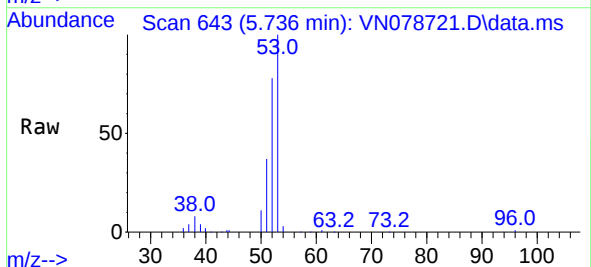
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

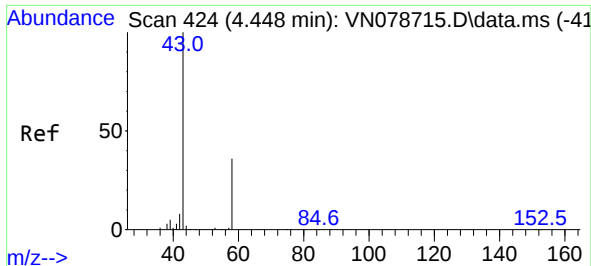
Tgt Ion: 56 Resp: 107033  
Ion Ratio Lower Upper  
56 100  
55 70.3 59.0 88.4



#14  
Acrylonitrile  
Concen: 99.135 ug/l  
RT: 5.736 min Scan# 643  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 53 Resp: 278487  
Ion Ratio Lower Upper  
53 100  
52 82.3 42.3 126.9  
51 37.5 18.4 55.4





#15

Acetone

Concen: 102.055 ug/l

RT: 4.442 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

Instrument :

MSVOA\_N

ClientSampleId :

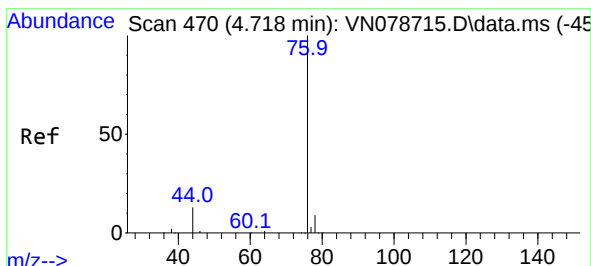
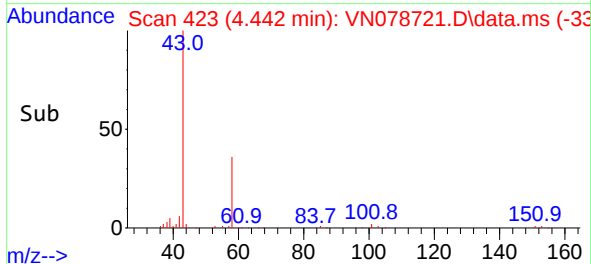
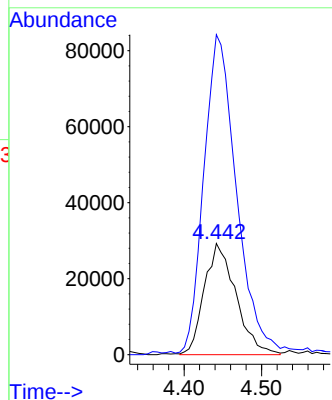
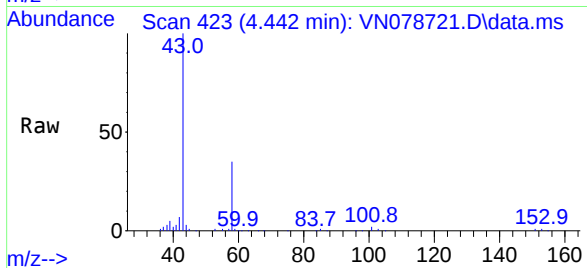
ICVVN080123

Tgt Ion: 58 Resp: 83064

Ion Ratio Lower Upper

58 100

43 287.2 227.5 341.3



#16

Carbon Disulfide

Concen: 18.833 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.000 min

Lab File: VN078721.D

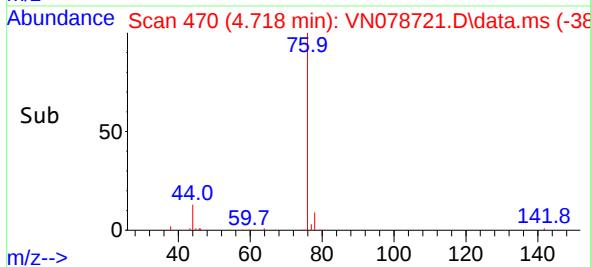
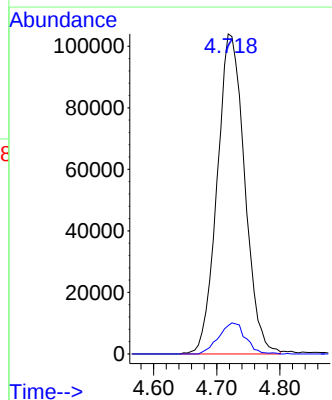
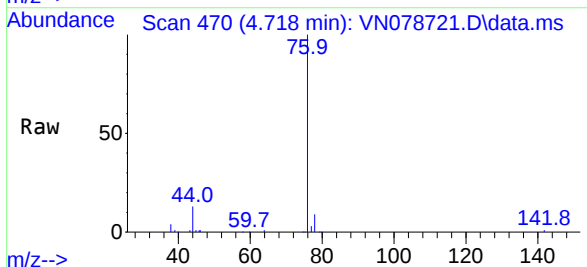
Acq: 01 Aug 2023 17:00

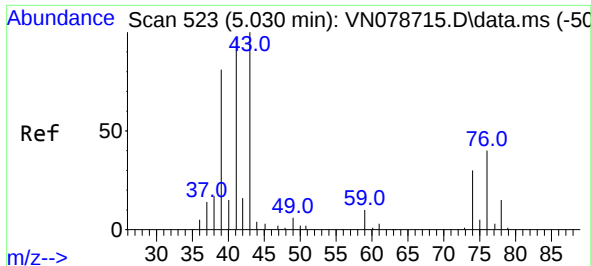
Tgt Ion: 76 Resp: 314650

Ion Ratio Lower Upper

76 100

78 8.8 7.7 11.5

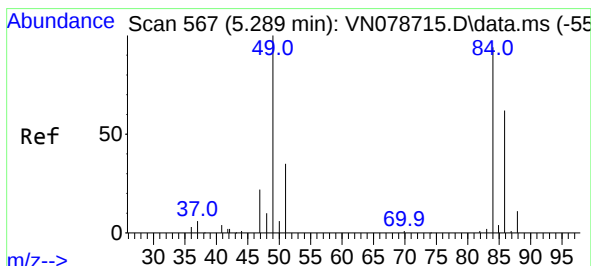
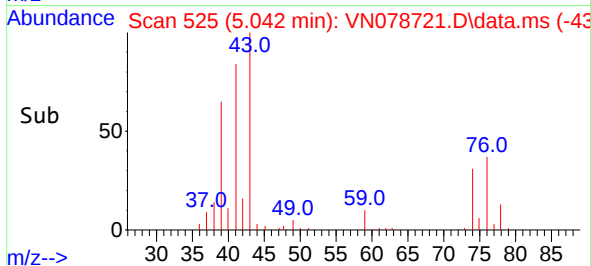
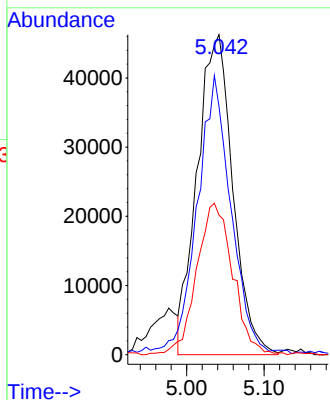
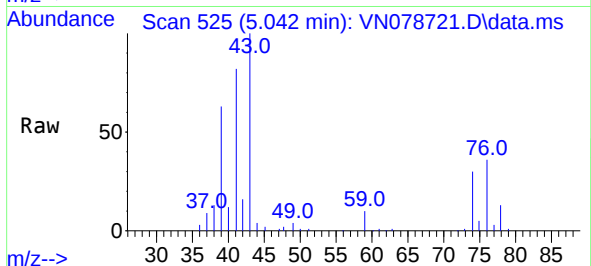




#17  
 Allyl chloride  
 Concen: 18.301 ug/l  
 RT: 5.042 min Scan# 51  
 Delta R.T. 0.012 min  
 Lab File: VN078721.D  
 Acq: 01 Aug 2023 17:00

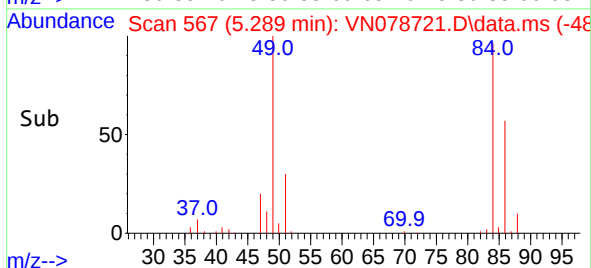
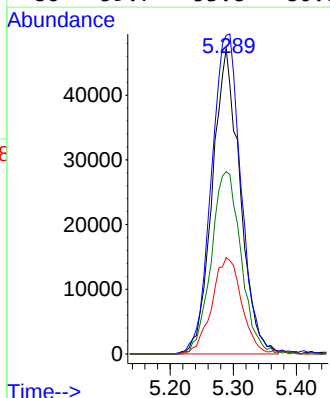
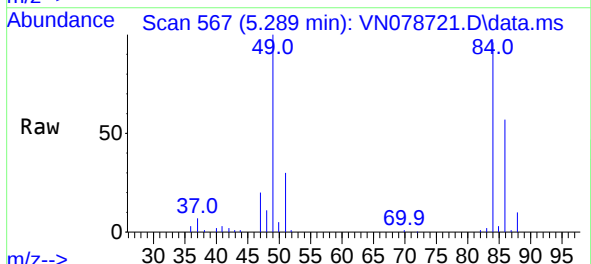
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN080123

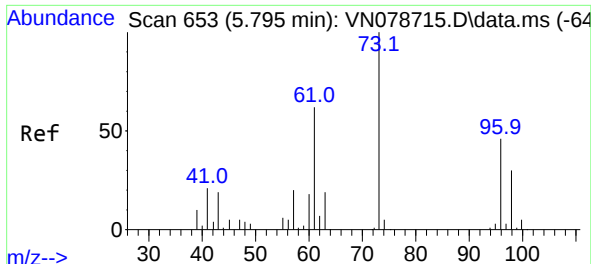
Tgt Ion: 41 Resp: 147790  
 Ion Ratio Lower Upper  
 41 100  
 39 76.6 37.6 112.8  
 76 43.3 23.8 71.4



#18  
 Methylene Chloride  
 Concen: 20.228 ug/l  
 RT: 5.289 min Scan# 567  
 Delta R.T. -0.000 min  
 Lab File: VN078721.D  
 Acq: 01 Aug 2023 17:00

Tgt Ion: 84 Resp: 143536  
 Ion Ratio Lower Upper  
 84 100  
 49 104.0 88.1 132.1  
 51 31.6 24.0 36.0  
 86 59.7 53.8 80.8





#19

trans-1,2-Dichloroethene

Concen: 18.865 ug/l

RT: 5.800 min Scan# 61

Delta R.T. 0.005 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN080123

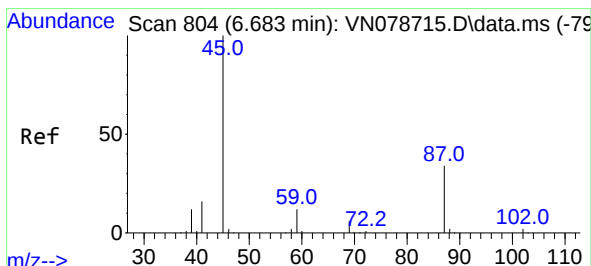
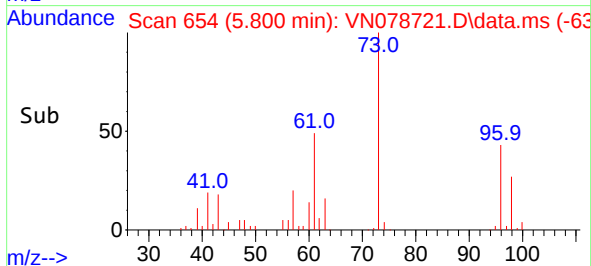
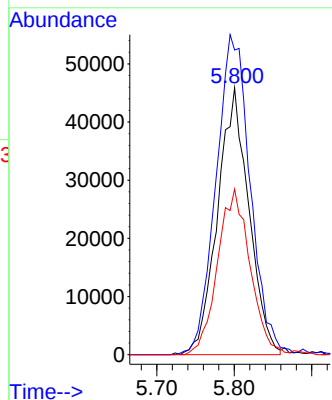
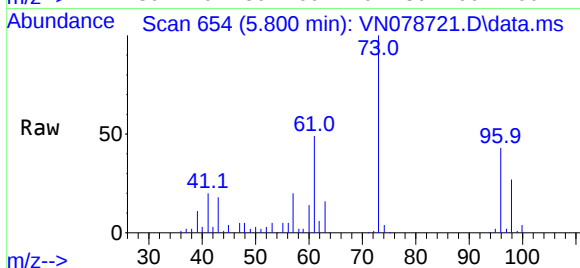
Tgt Ion: 96 Resp: 129006

Ion Ratio Lower Upper

96 100

61 113.6 105.2 157.8

98 62.1 50.5 75.7



#20

Diisopropyl ether

Concen: 19.882 ug/l

RT: 6.683 min Scan# 804

Delta R.T. -0.000 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

Tgt Ion: 45 Resp: 361511

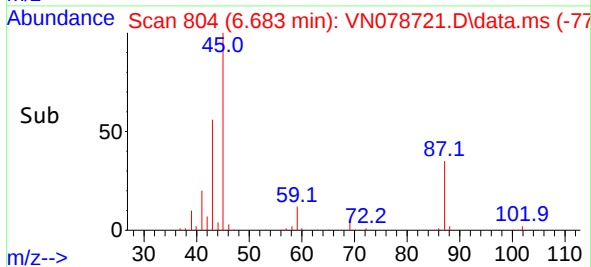
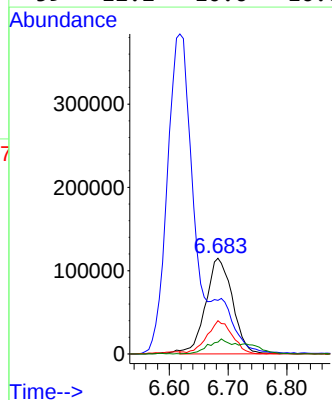
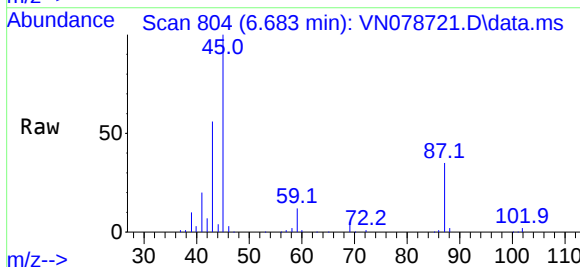
Ion Ratio Lower Upper

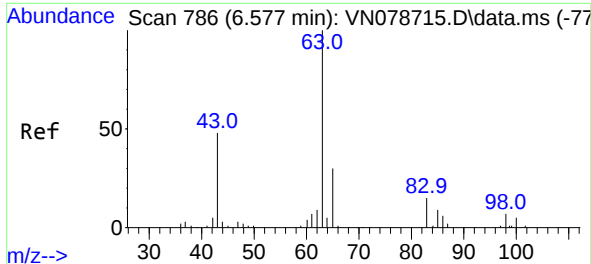
45 100

43 54.8 43.6 65.4

87 34.6 25.8 38.6

59 12.2 10.6 16.0

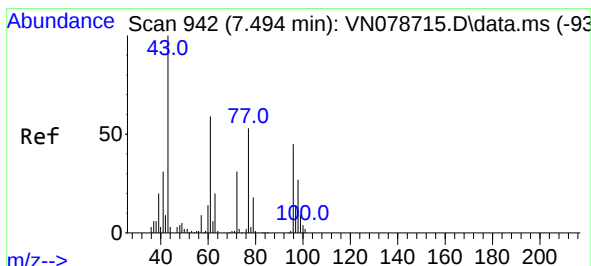
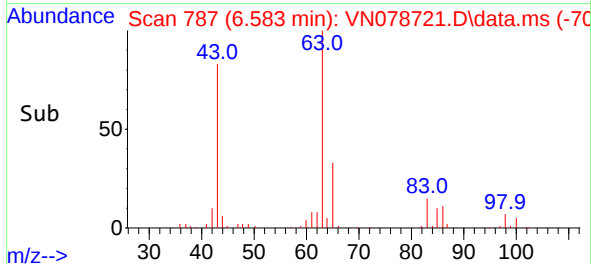
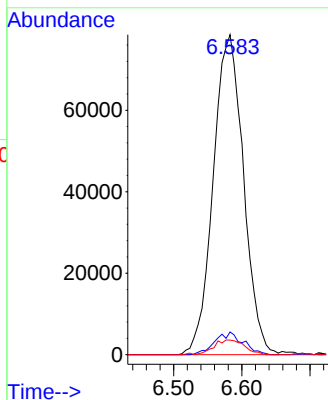
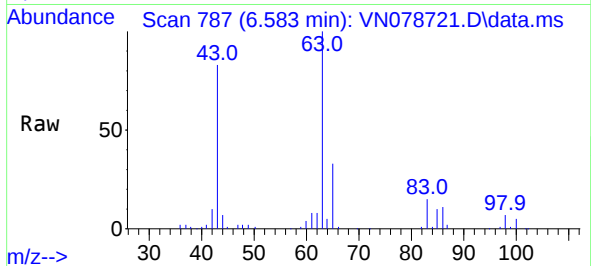




#21  
1,1-Dichloroethane  
Concen: 20.138 ug/l  
RT: 6.583 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

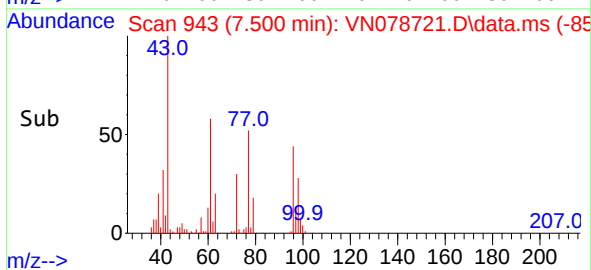
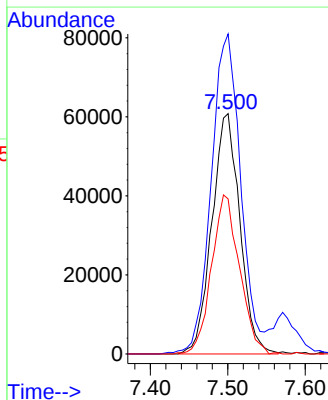
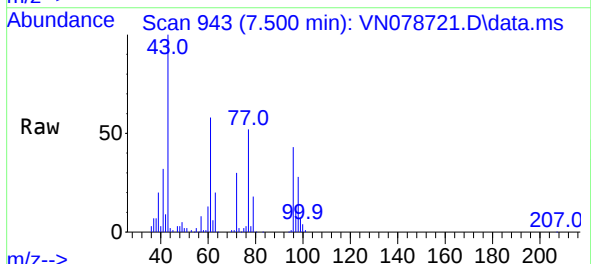
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

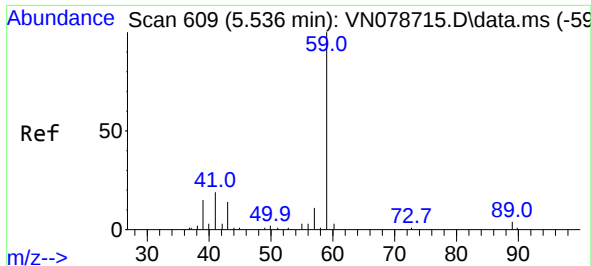
Tgt Ion: 63 Resp: 242468  
Ion Ratio Lower Upper  
63 100  
98 7.1 2.7 8.1  
100 4.5 2.5 7.4



#22  
cis-1,2-Dichloroethene  
Concen: 19.886 ug/l  
RT: 7.500 min Scan# 943  
Delta R.T. 0.006 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 96 Resp: 152719  
Ion Ratio Lower Upper  
96 100  
61 140.2 113.8 170.6  
98 66.0 52.2 78.4

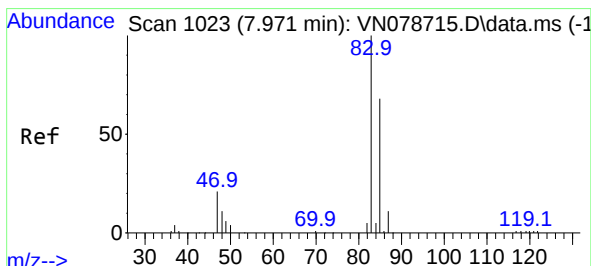
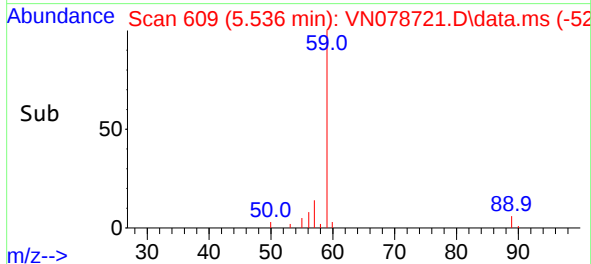
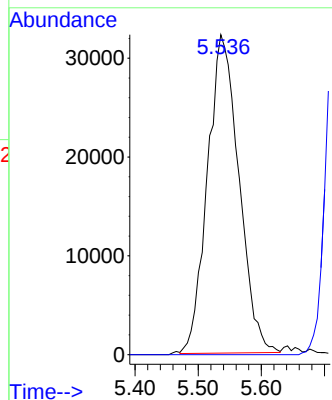
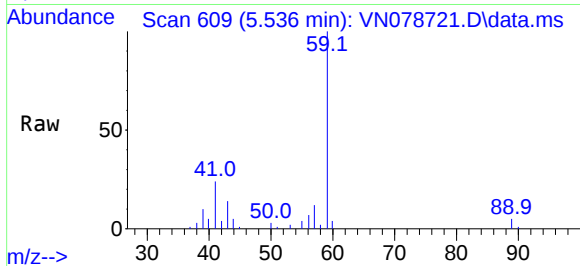




#23  
tert-Butyl Alcohol  
Concen: 97.070 ug/l  
RT: 5.536 min Scan# 609  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

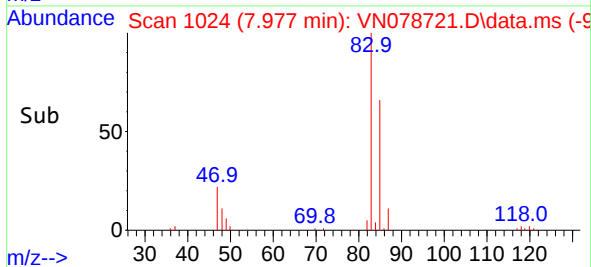
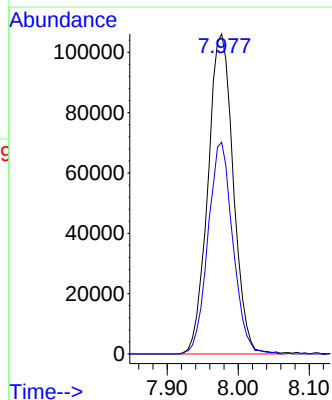
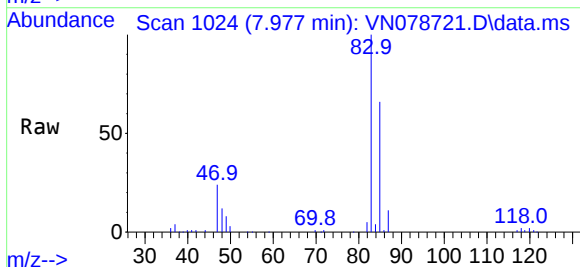
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

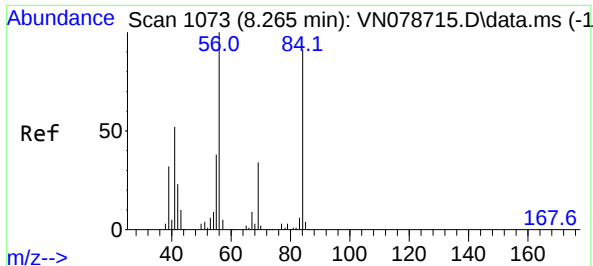
Tgt Ion: 59 Resp: 111427  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.1 0.1#



#25  
Chloroform  
Concen: 20.645 ug/l  
RT: 7.977 min Scan# 1024  
Delta R.T. 0.006 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 83 Resp: 263169  
Ion Ratio Lower Upper  
83 100  
85 66.2 53.4 80.0

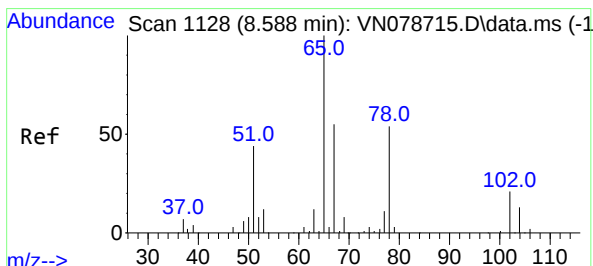
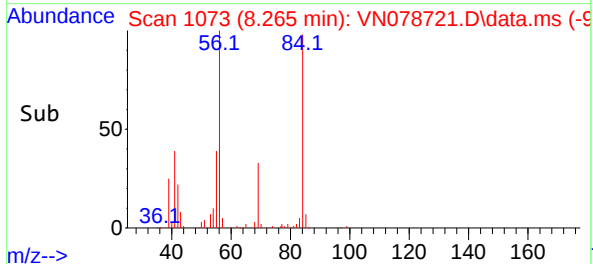
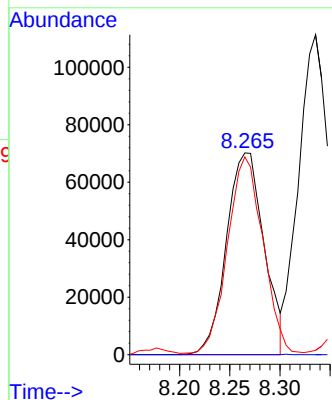
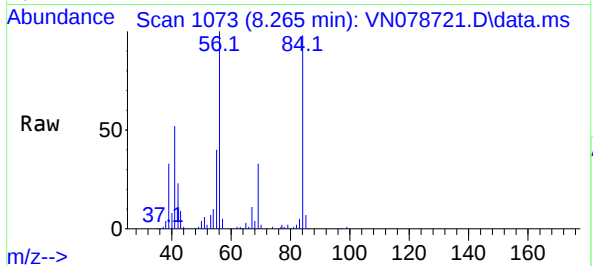




#26  
Cyclohexane  
Concen: 20.665 ug/l  
RT: 8.265 min Scan# 1073  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

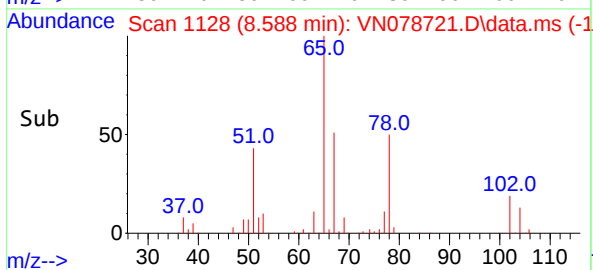
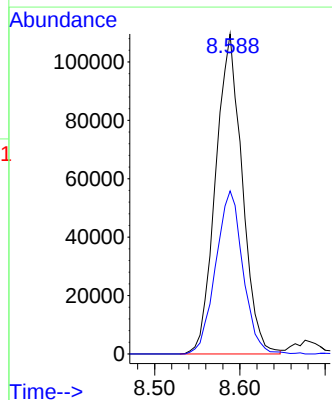
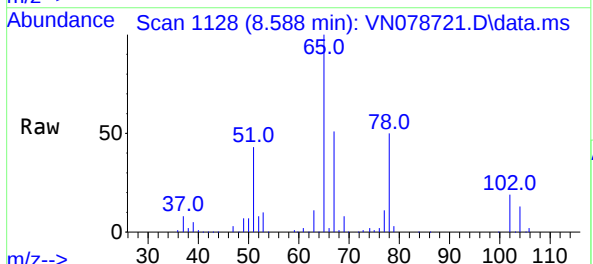
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

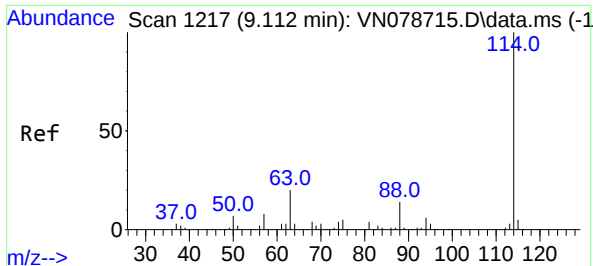
Tgt Ion: 56 Resp: 183278  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 93.4 74.2 111.4



#27  
1,2-Dichloroethane-d4  
Concen: 29.851 ug/l  
RT: 8.588 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 65 Resp: 237546  
Ion Ratio Lower Upper  
65 100  
67 52.1 42.9 64.3

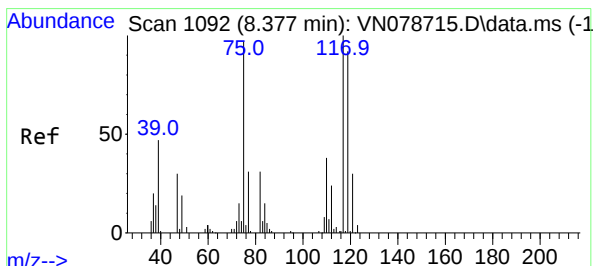
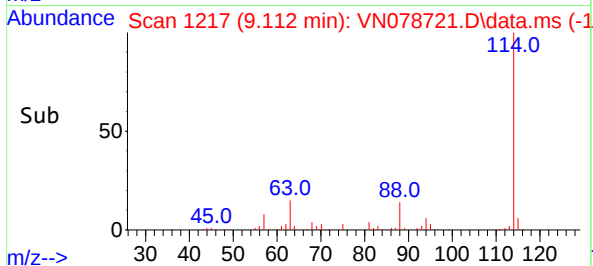
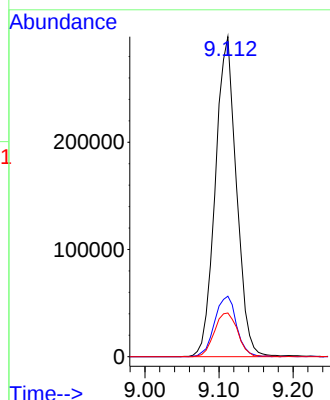
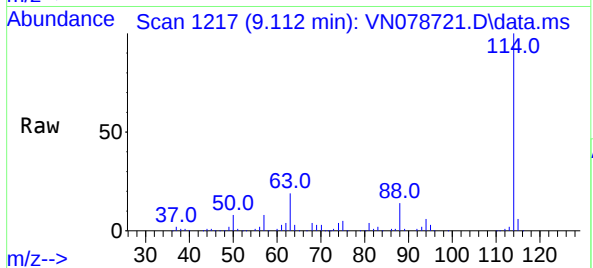




#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 9.112 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

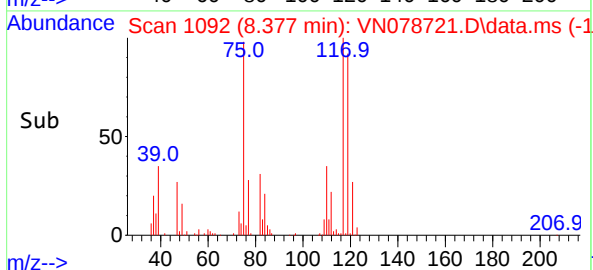
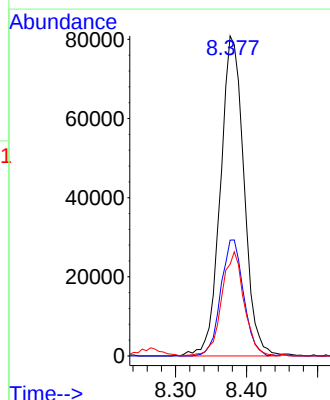
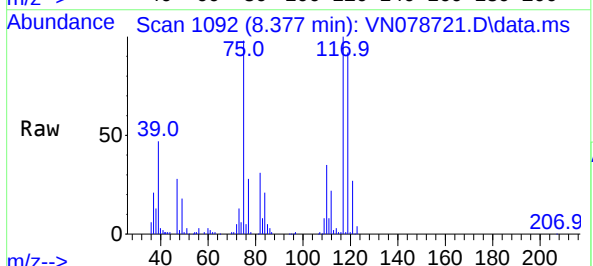
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

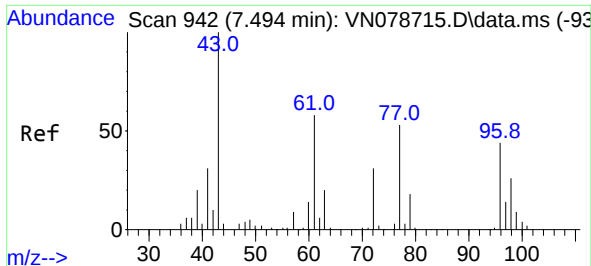
Tgt Ion:114 Resp: 590670  
Ion Ratio Lower Upper  
114 100  
63 19.6 15.2 22.8  
88 15.1 12.5 18.7



#29  
1,1-Dichloropropene  
Concen: 21.389 ug/l  
RT: 8.377 min Scan# 1092  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 75 Resp: 185894  
Ion Ratio Lower Upper  
75 100  
110 35.0 0.0 72.2  
77 31.1 0.0 62.8

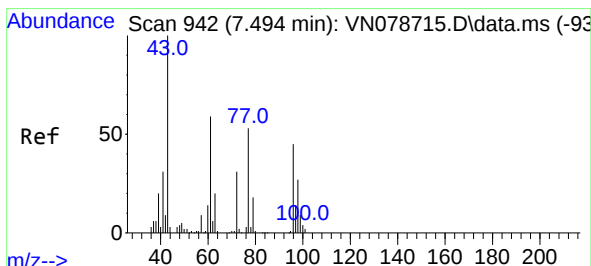
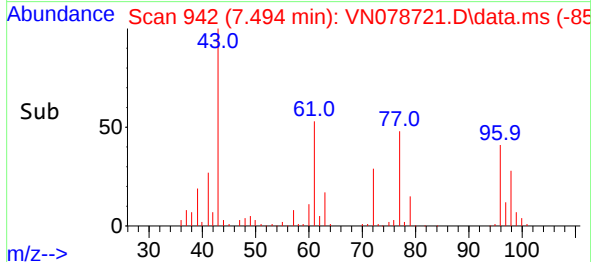
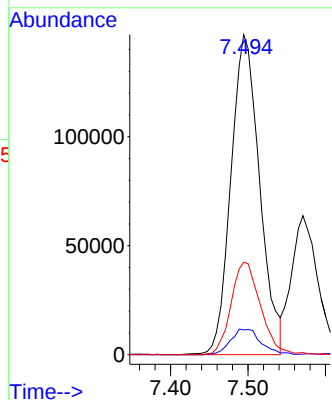
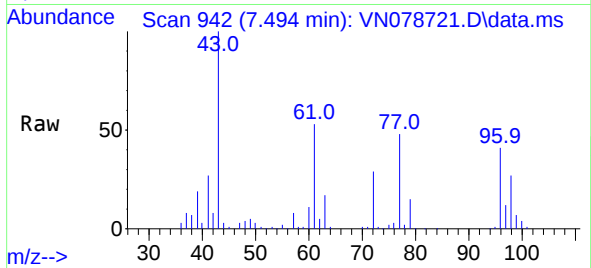




#30  
2-Butanone  
Concen: 110.312 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

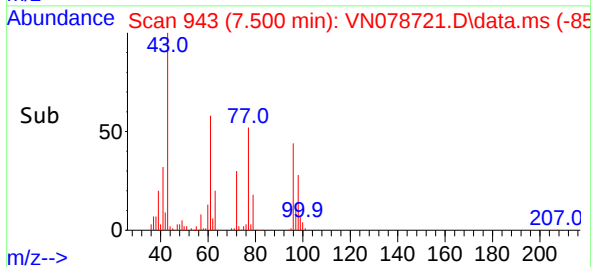
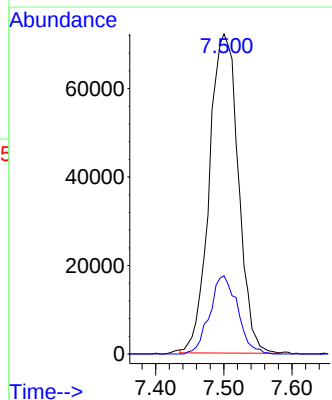
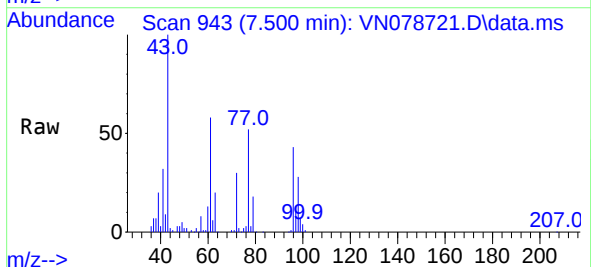
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

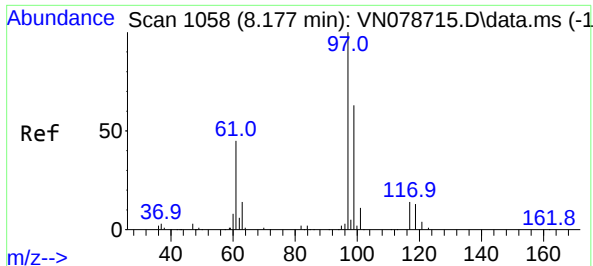
Tgt Ion: 43 Resp: 379002  
Ion Ratio Lower Upper  
43 100  
57 4.2 6.8 10.2#  
72 29.4 23.8 35.6



#31  
2,2-Dichloropropane  
Concen: 21.397 ug/l  
RT: 7.500 min Scan# 943  
Delta R.T. 0.006 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 77 Resp: 213395  
Ion Ratio Lower Upper  
77 100  
97 23.6 18.8 28.2





#32

1,1,1-Trichloroethane

Concen: 22.141 ug/l

RT: 8.171 min Scan# 1058

Delta R.T. -0.006 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN080123

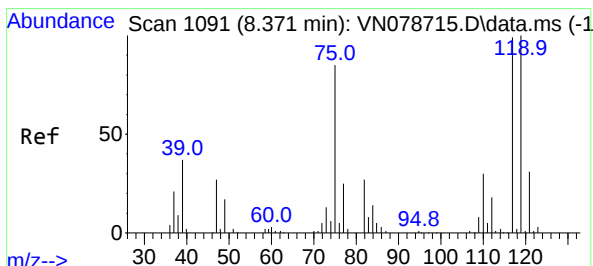
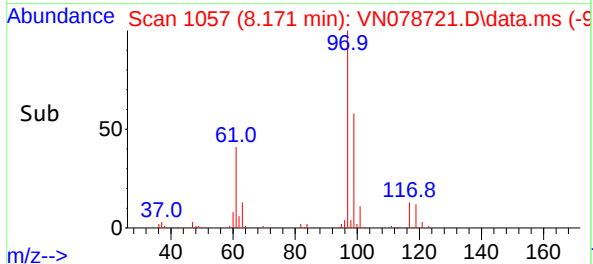
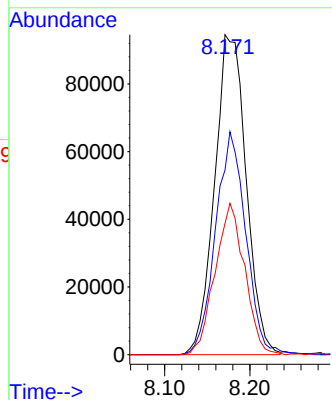
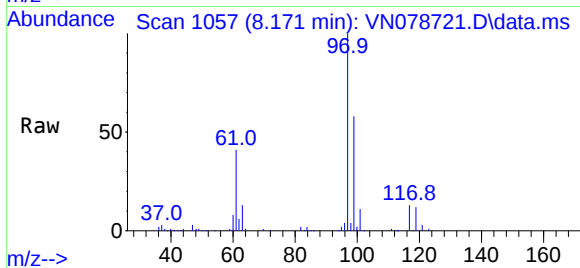
Tgt Ion: 97 Resp: 243470

Ion Ratio Lower Upper

97 100

99 66.8 51.3 76.9

61 44.3 34.6 52.0



#33

Carbon Tetrachloride

Concen: 21.995 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

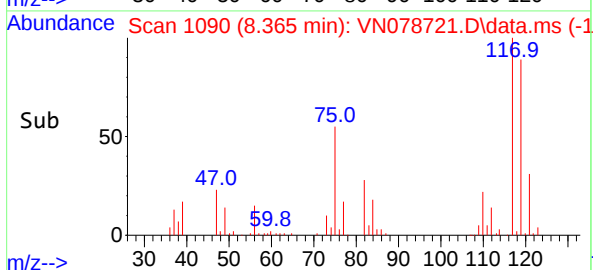
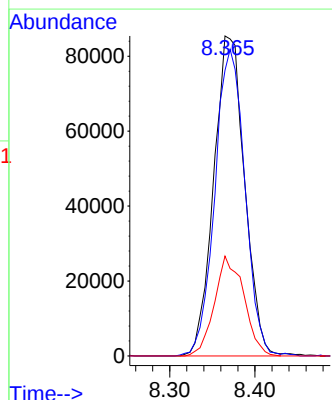
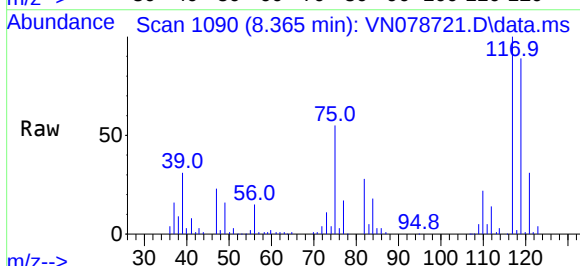
Tgt Ion: 117 Resp: 214813

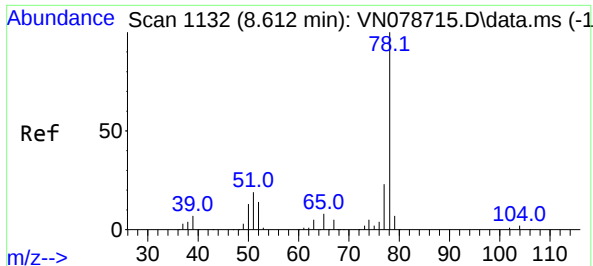
Ion Ratio Lower Upper

117 100

119 89.0 81.4 122.0

121 31.2 23.6 35.4

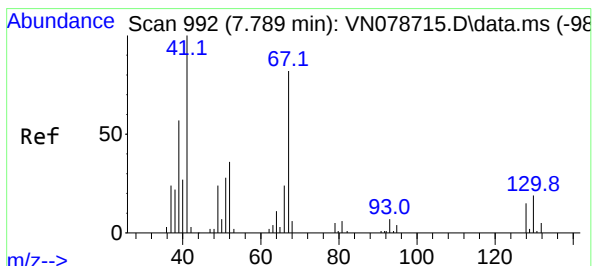
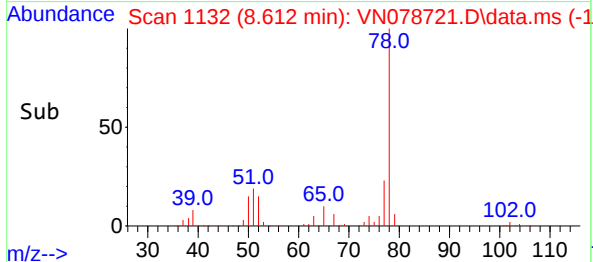
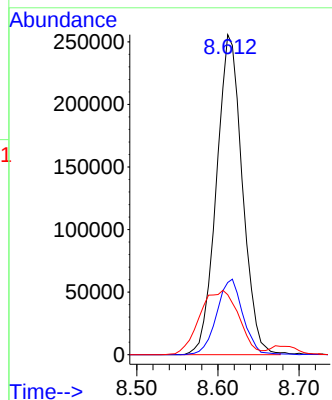
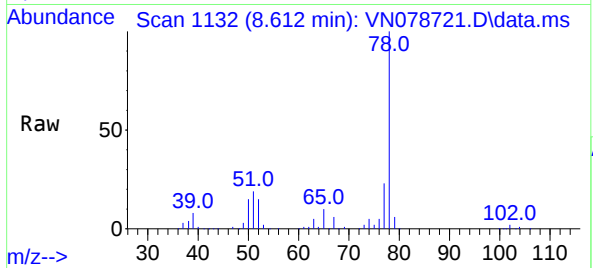




#34  
Benzene  
Concen: 21.720 ug/l  
RT: 8.612 min Scan# 1132  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

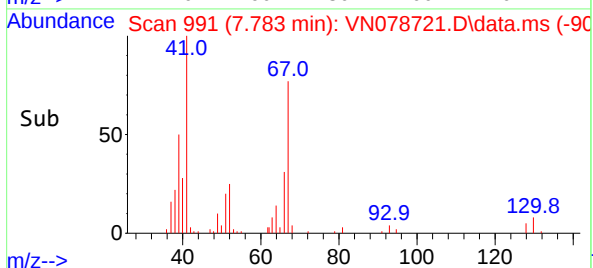
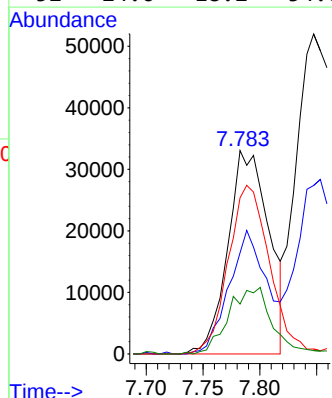
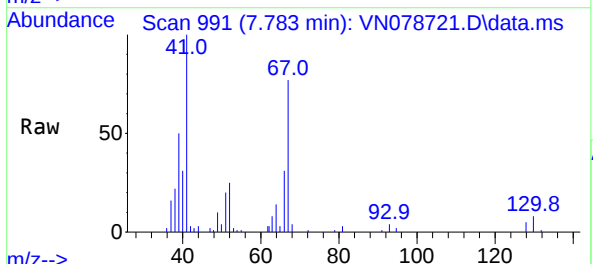
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

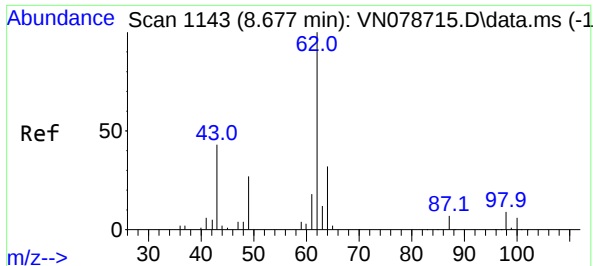
Tgt Ion: 78 Resp: 567065  
Ion Ratio Lower Upper  
78 100  
77 22.6 18.3 27.5  
51 17.5 13.7 20.5



#35  
Methacrylonitrile  
Concen: 22.030 ug/l  
RT: 7.783 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 41 Resp: 83116  
Ion Ratio Lower Upper  
41 100  
39 49.8 33.9 101.6  
67 76.8 45.9 137.6  
52 24.6 18.2 54.6





#36

1,2-Dichloroethane

Concen: 21.768 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

Instrument :

MSVOA\_N

ClientSampleId :

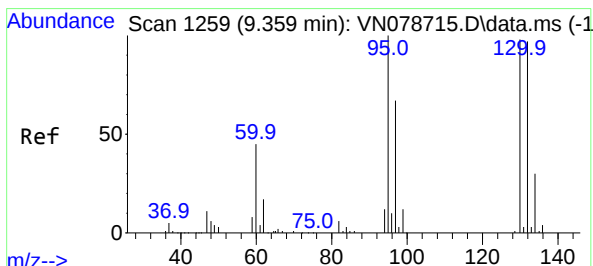
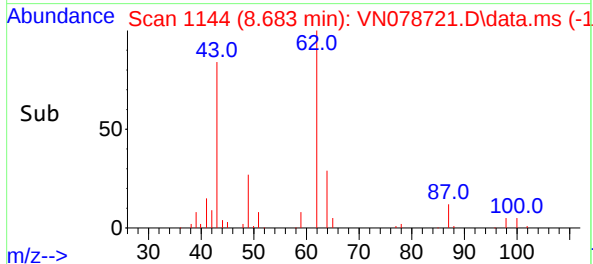
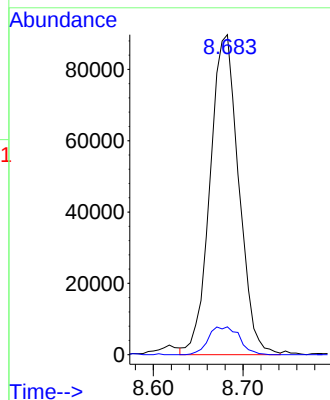
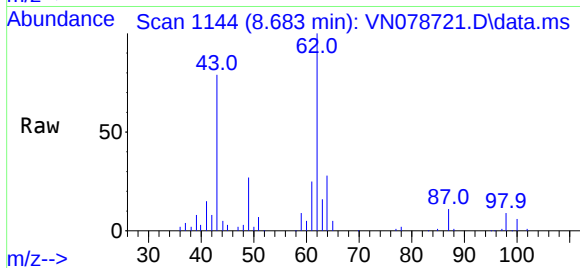
ICVVN080123

Tgt Ion: 62 Resp: 199595

Ion Ratio Lower Upper

62 100

98 9.4 7.4 11.0



#37

Trichloroethene

Concen: 20.299 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN078721.D

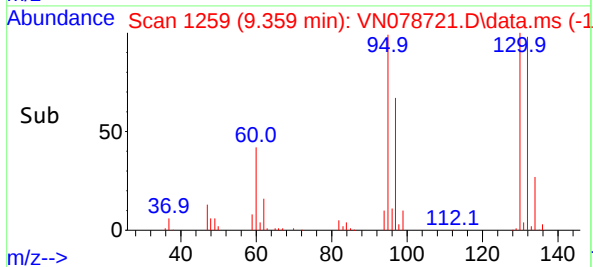
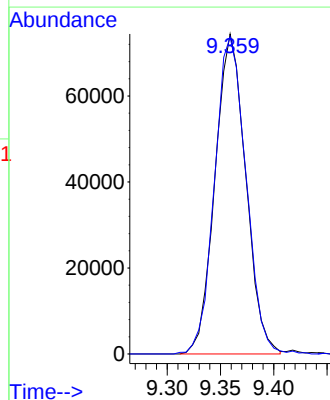
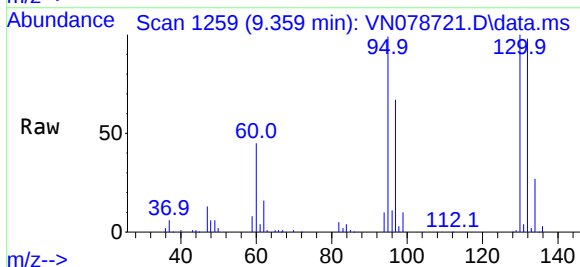
Acq: 01 Aug 2023 17:00

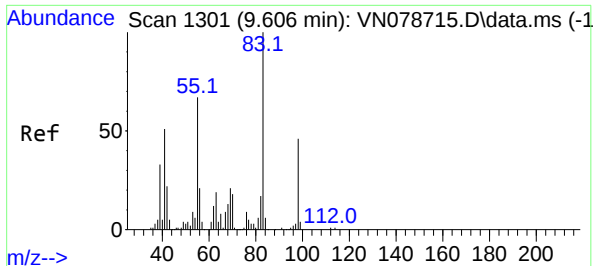
Tgt Ion:130 Resp: 148717

Ion Ratio Lower Upper

130 100

95 98.6 78.2 117.4





#38

Methylcyclohexane

Concen: 20.373 ug/l

RT: 9.612 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN080123

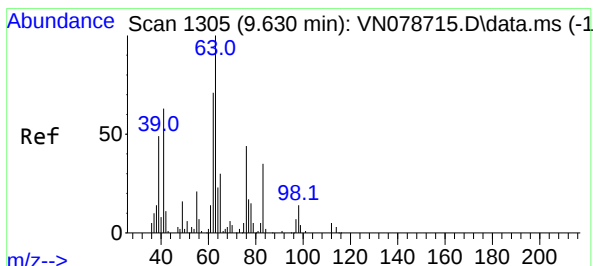
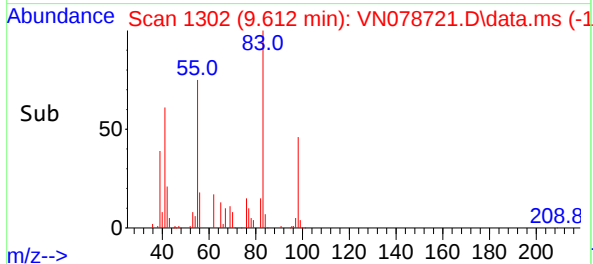
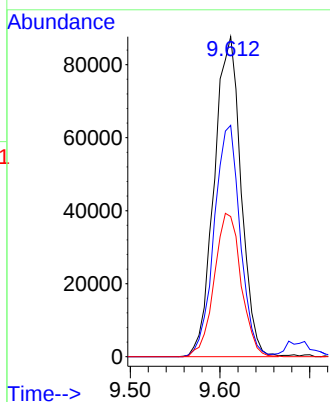
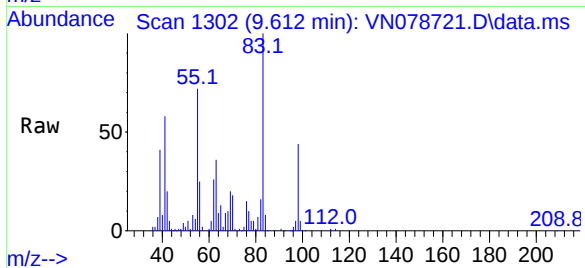
Tgt Ion: 83 Resp: 181935

Ion Ratio Lower Upper

83 100

55 70.2 34.0 102.0

98 44.9 23.0 69.0



#39

1,2-Dichloropropane

Concen: 20.083 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN078721.D

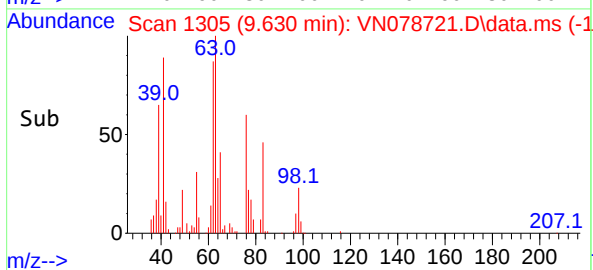
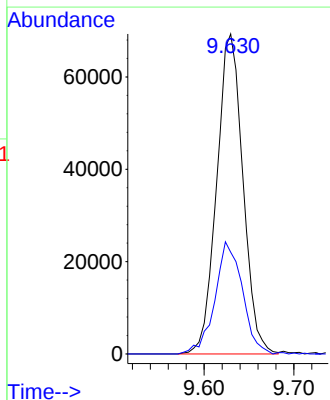
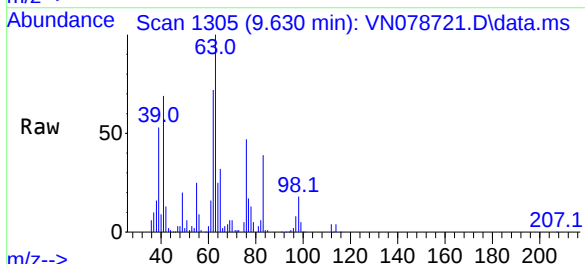
Acq: 01 Aug 2023 17:00

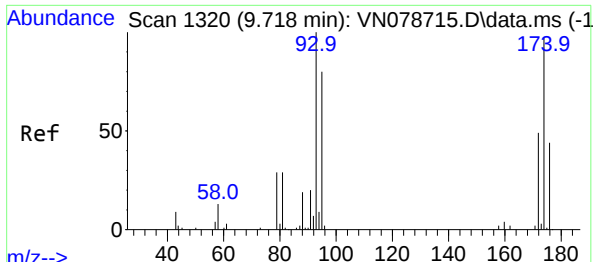
Tgt Ion: 63 Resp: 140555

Ion Ratio Lower Upper

63 100

65 31.8 27.4 41.2

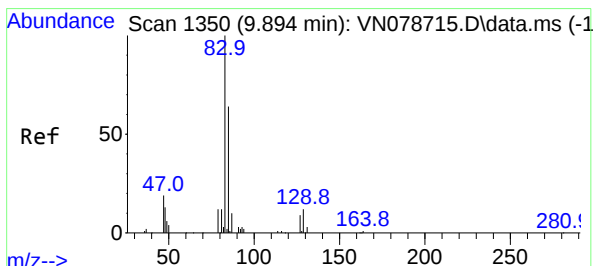
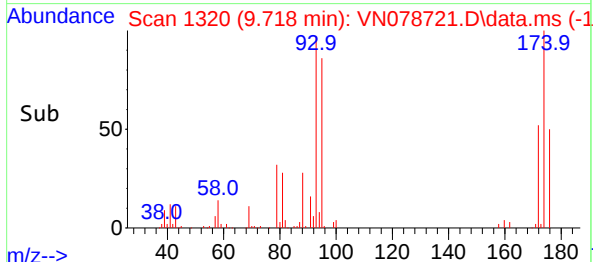
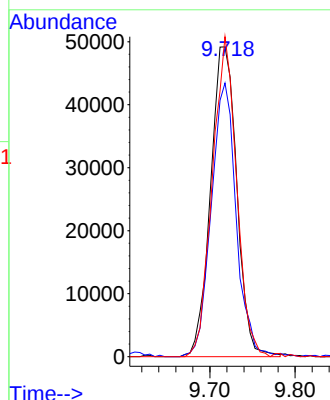
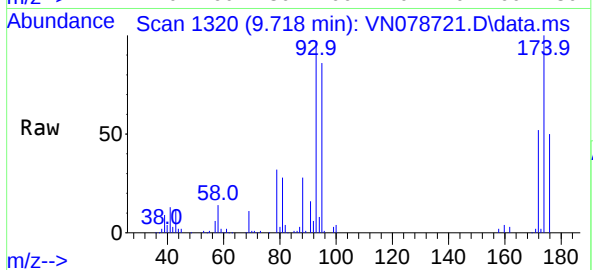




#40  
Dibromomethane  
Concen: 21.703 ug/l  
RT: 9.718 min Scan# 1320  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

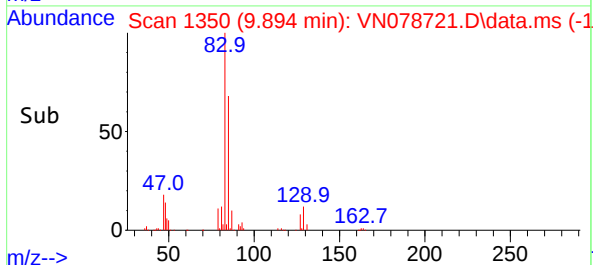
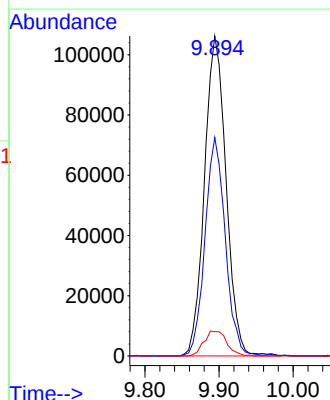
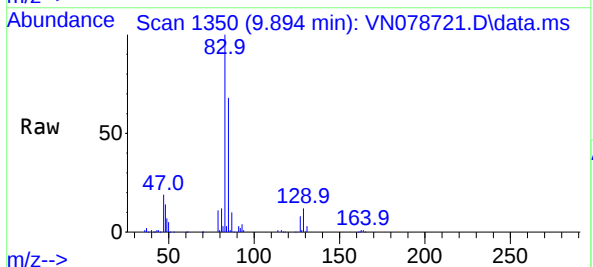
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

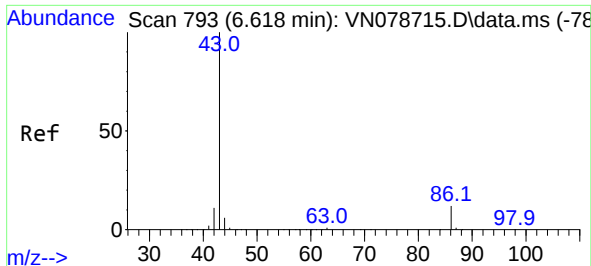
Tgt Ion: 93 Resp: 105130  
Ion Ratio Lower Upper  
93 100  
95 83.9 0.0 167.8  
174 95.4 0.0 180.8



#41  
Bromodichloromethane  
Concen: 22.260 ug/l  
RT: 9.894 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 83 Resp: 215572  
Ion Ratio Lower Upper  
83 100  
85 68.2 54.1 81.1  
127 7.6 7.8 11.6#

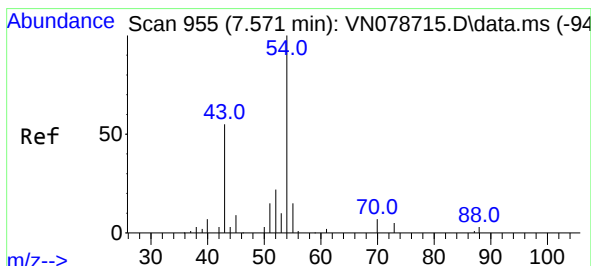
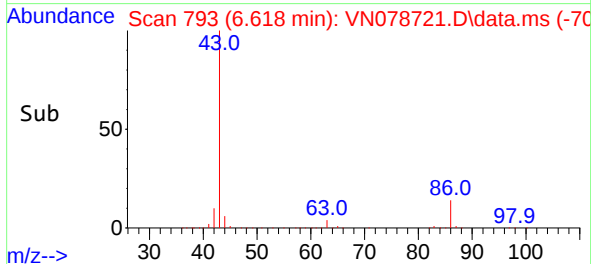
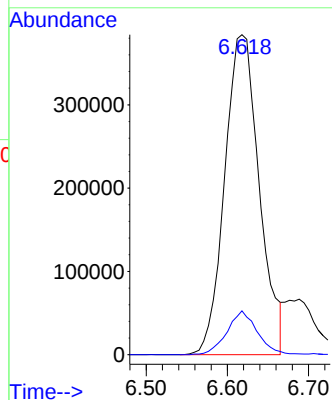
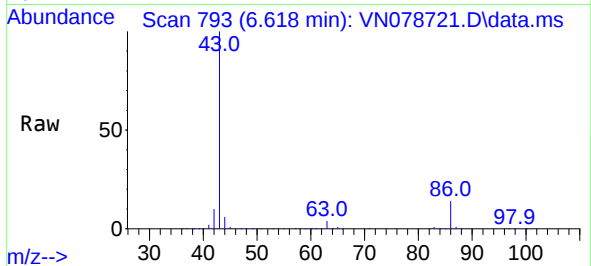




#42  
 Vinyl Acetate  
 Concen: 103.138 ug/l  
 RT: 6.618 min Scan# 793  
 Delta R.T. -0.000 min  
 Lab File: VN078721.D  
 Acq: 01 Aug 2023 17:00

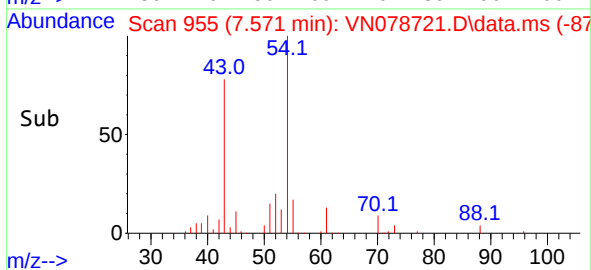
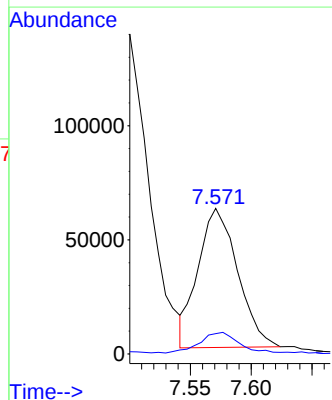
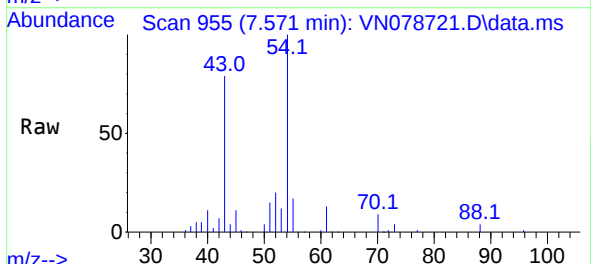
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN080123

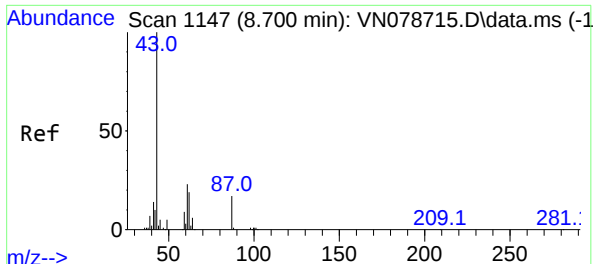
Tgt Ion: 43 Resp: 1139252  
 Ion Ratio Lower Upper  
 43 100  
 86 12.1 9.4 14.0



#43  
 Ethyl Acetate  
 Concen: 19.405 ug/l  
 RT: 7.571 min Scan# 955  
 Delta R.T. -0.000 min  
 Lab File: VN078721.D  
 Acq: 01 Aug 2023 17:00

Tgt Ion: 43 Resp: 137831  
 Ion Ratio Lower Upper  
 43 100  
 45 15.3 10.9 16.3

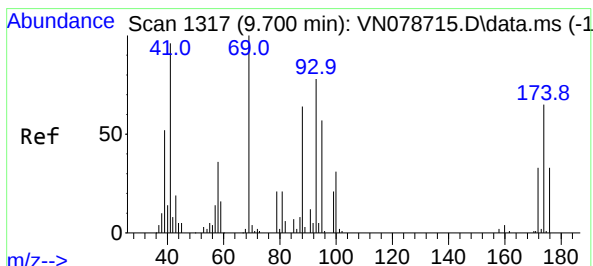
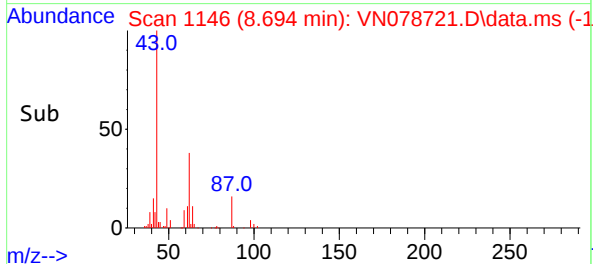
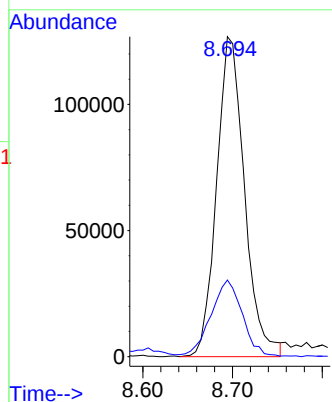
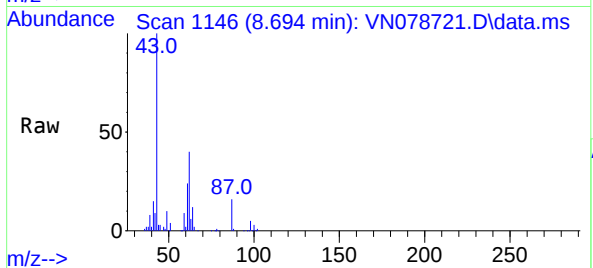




#44  
Isopropyl Acetate  
Concen: 21.962 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. -0.006 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

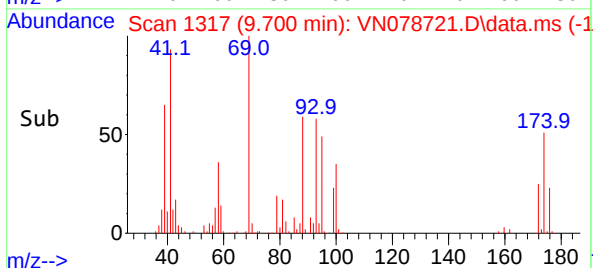
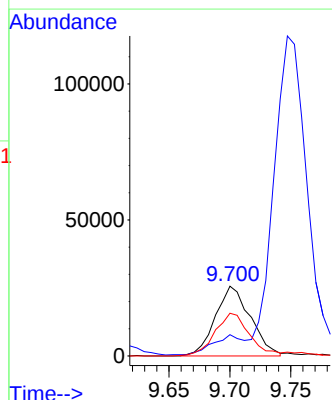
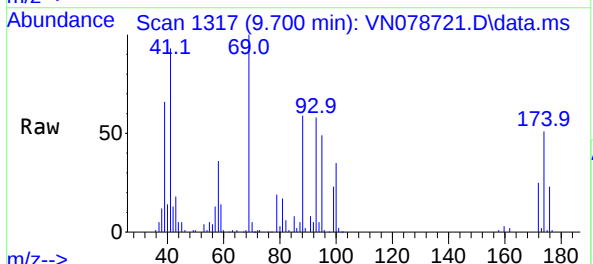
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

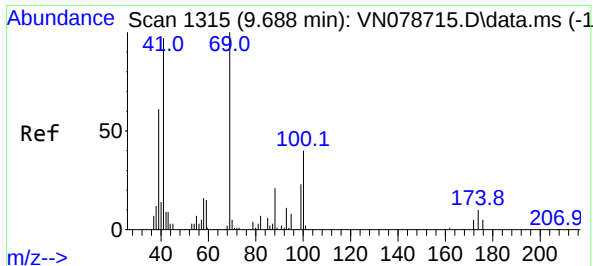
Tgt Ion: 43 Resp: 273685  
Ion Ratio Lower Upper  
43 100  
61 27.2 23.0 34.6



#45  
1,4-Dioxane  
Concen: 449.853 ug/l  
RT: 9.700 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 88 Resp: 51569  
Ion Ratio Lower Upper  
88 100  
43 23.7 19.0 28.6  
58 59.9 48.2 72.2

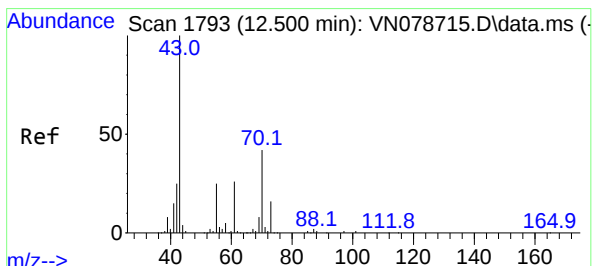
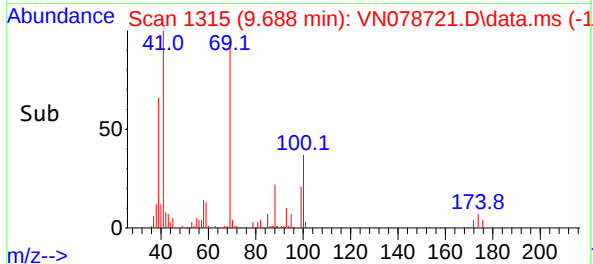
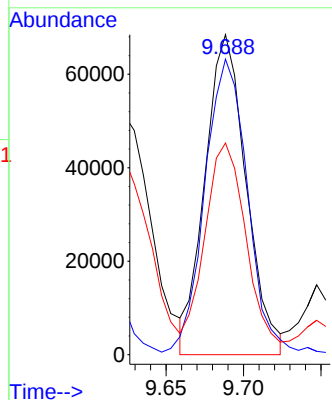
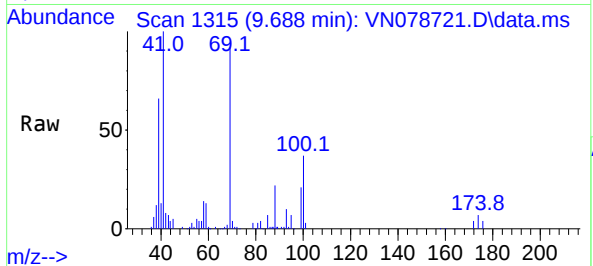




#46  
Methyl methacrylate  
Concen: 22.148 ug/l  
RT: 9.688 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

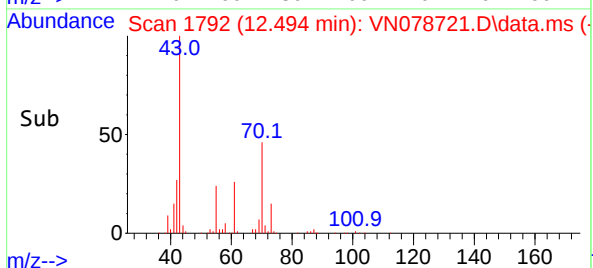
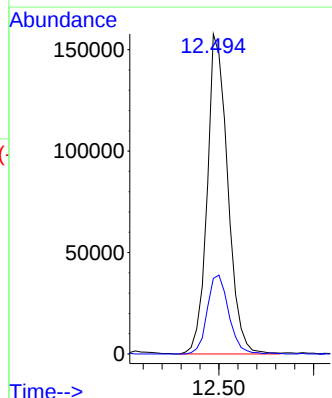
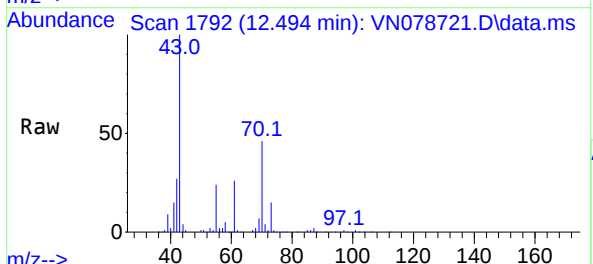
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

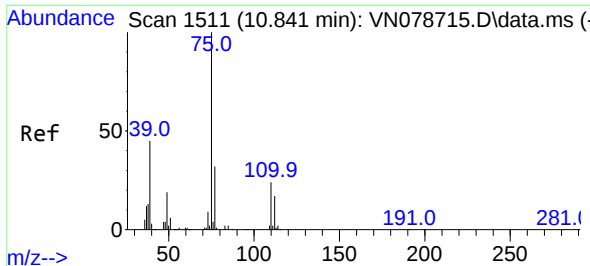
Tgt Ion: 41 Resp: 126395  
Ion Ratio Lower Upper  
41 100  
69 93.8 49.0 147.0  
39 66.6 31.6 94.8



#47  
n-amy1 Acetate  
Concen: 24.706 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.006 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 43 Resp: 237127  
Ion Ratio Lower Upper  
43 100  
55 25.7 21.5 32.3

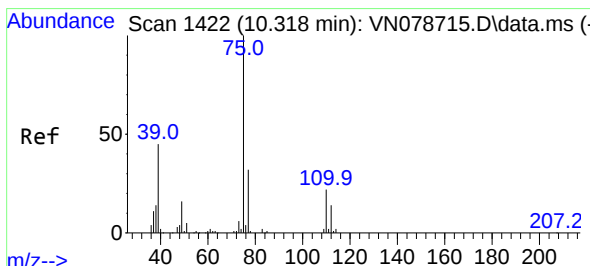
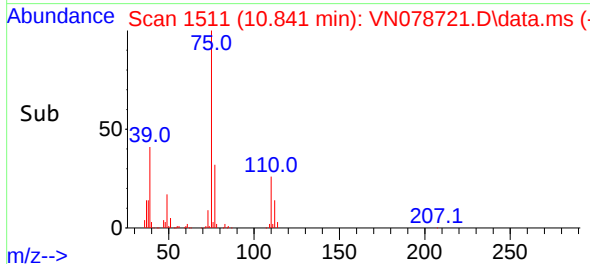
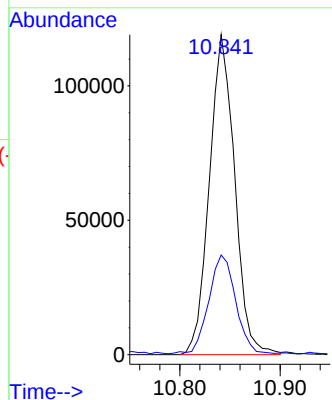
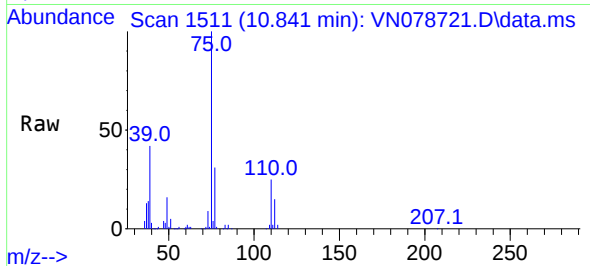




#48  
t-1,3-Dichloropropene  
Concen: 20.246 ug/l  
RT: 10.841 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

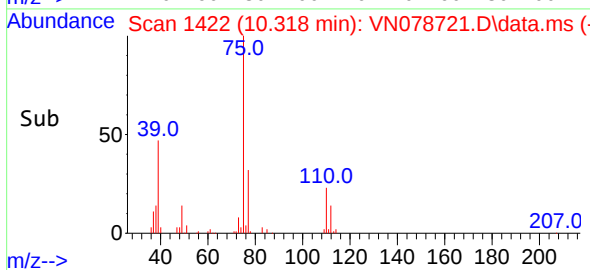
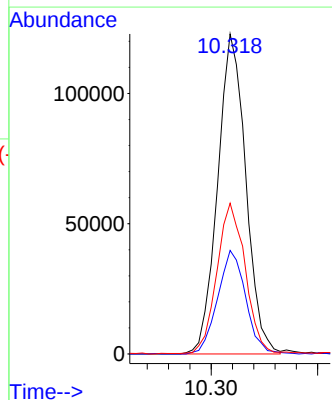
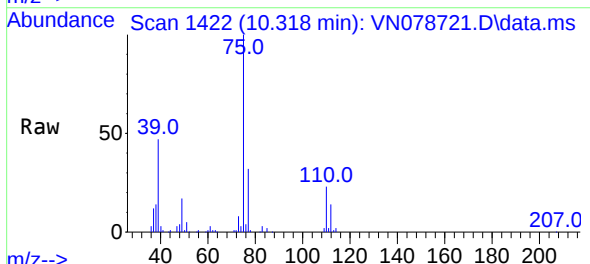
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

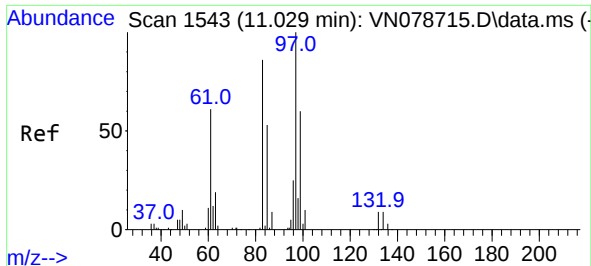
Tgt Ion: 75 Resp: 209265  
Ion Ratio Lower Upper  
75 100  
77 30.7 26.1 39.1



#49  
cis-1,3-Dichloropropene  
Concen: 20.517 ug/l  
RT: 10.318 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 75 Resp: 225243  
Ion Ratio Lower Upper  
75 100  
77 32.4 24.0 36.0  
39 47.0 35.1 52.7





#50

1,1,2-Trichloroethane

Concen: 20.193 ug/l

RT: 11.024 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN080123

Tgt Ion: 97 Resp: 138467

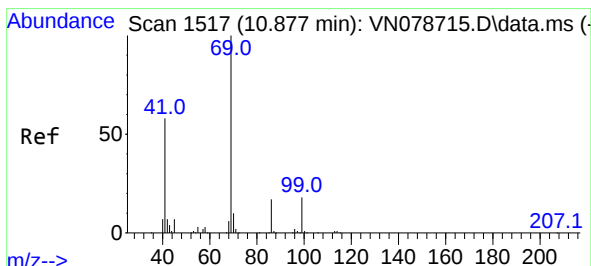
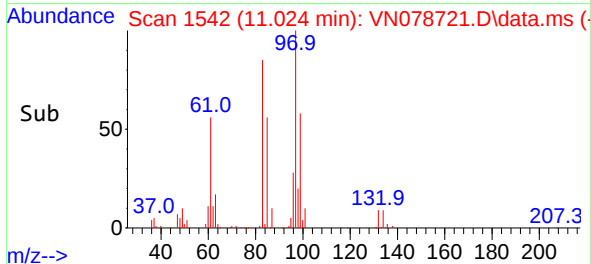
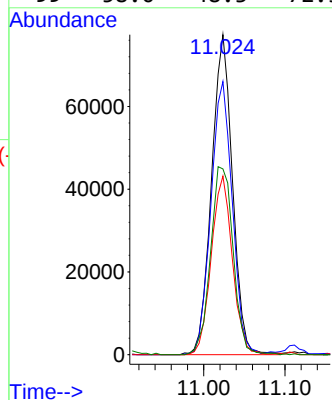
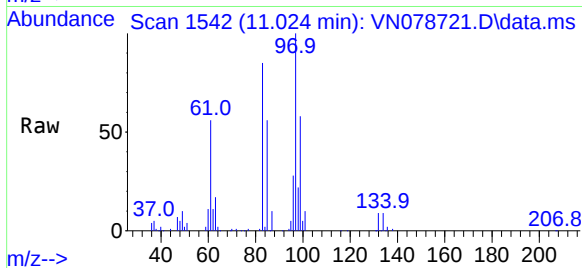
Ion Ratio Lower Upper

97 100

83 85.3 66.8 100.2

85 55.8 42.5 63.7

99 58.0 48.3 72.5



#51

Ethyl methacrylate

Concen: 20.922 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.005 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

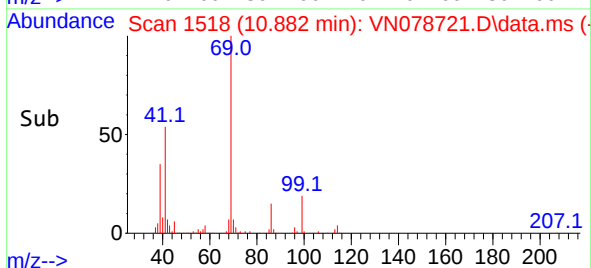
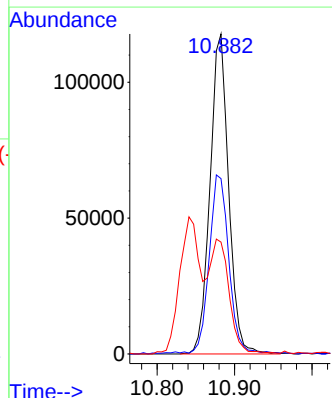
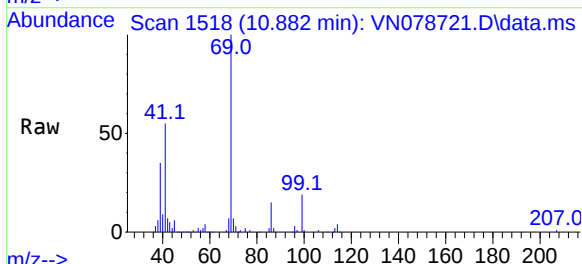
Tgt Ion: 69 Resp: 196415

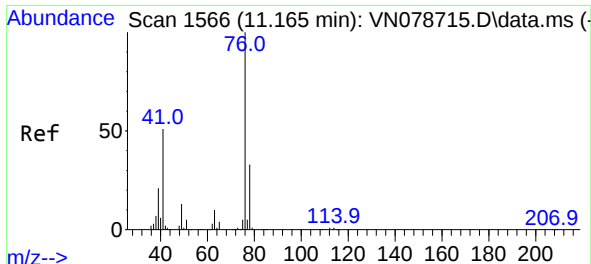
Ion Ratio Lower Upper

69 100

41 54.5 26.0 78.0

39 34.8 16.3 48.9





#52

1,3-Dichloropropane

Concen: 19.558 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

Instrument :

MSVOA\_N

ClientSampleId :

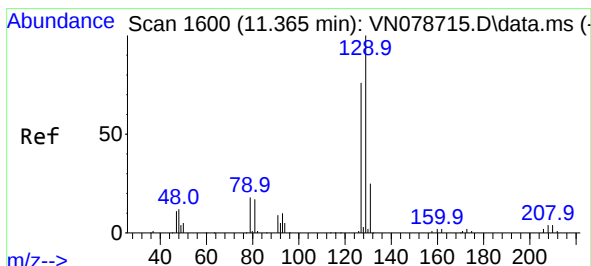
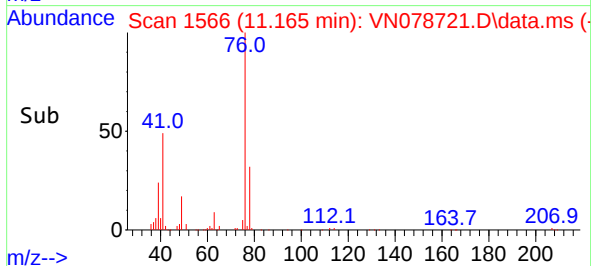
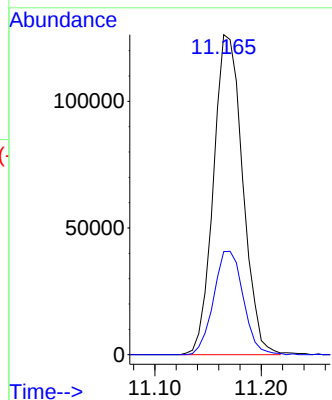
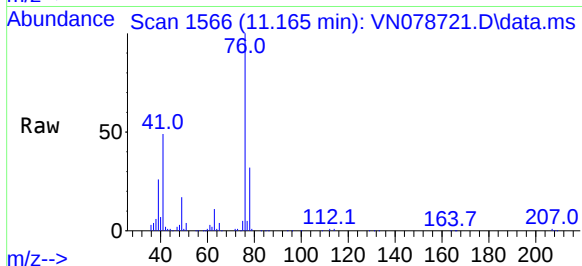
ICVVN080123

Tgt Ion: 76 Resp: 241041

Ion Ratio Lower Upper

76 100

78 32.7 0.0 66.2



#53

Dibromochloromethane

Concen: 20.501 ug/l

RT: 11.365 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VN078721.D

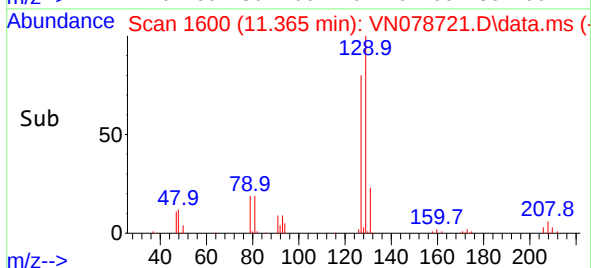
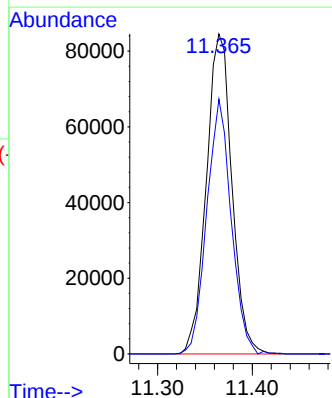
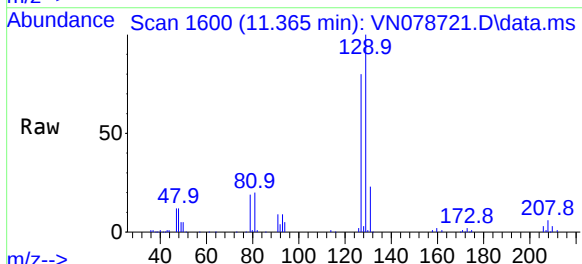
Acq: 01 Aug 2023 17:00

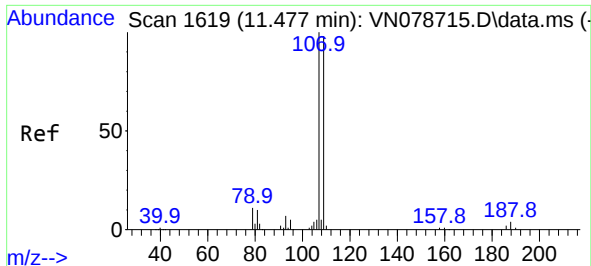
Tgt Ion: 129 Resp: 158809

Ion Ratio Lower Upper

129 100

127 75.5 39.4 118.1

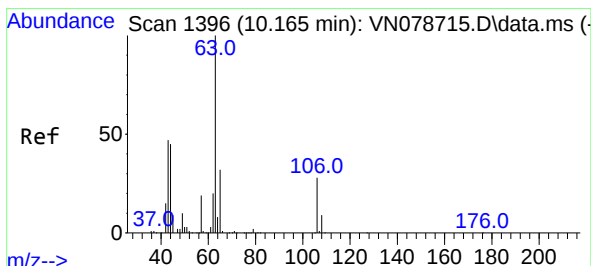
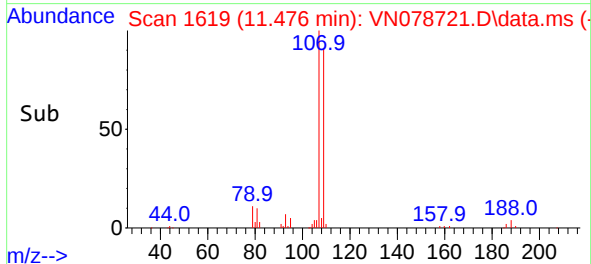
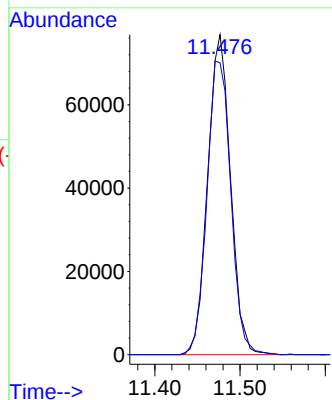
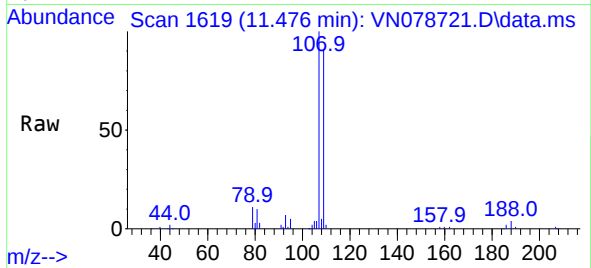




#54  
1,2-Dibromoethane  
Concen: 20.811 ug/l  
RT: 11.476 min Scan# 1619  
Delta R.T. -0.001 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

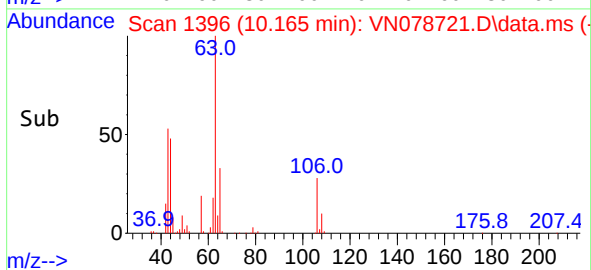
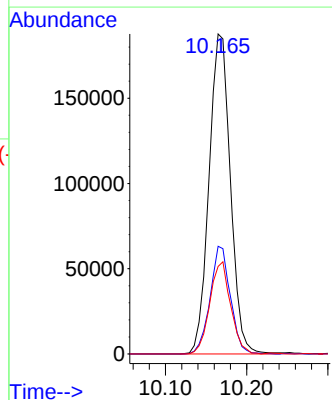
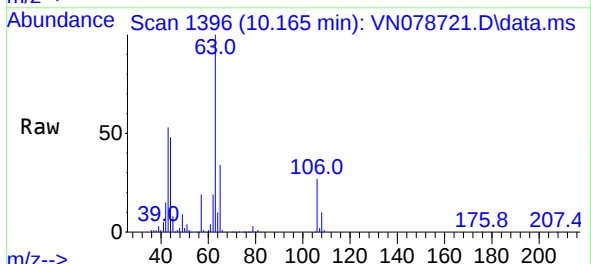
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

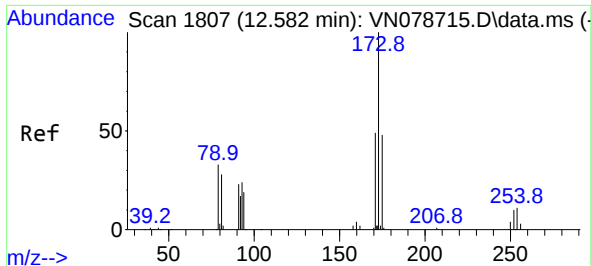
Tgt Ion:107 Resp: 143296  
Ion Ratio Lower Upper  
107 100  
109 96.1 74.6 112.0



#55  
2-Chloroethyl vinyl ether  
Concen: 114.850 ug/l  
RT: 10.165 min Scan# 1396  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 63 Resp: 343570  
Ion Ratio Lower Upper  
63 100  
65 31.8 26.3 39.5  
106 28.1 23.8 35.6

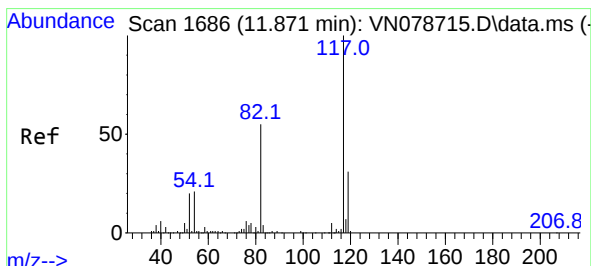
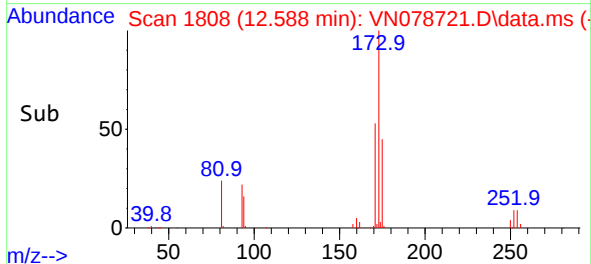
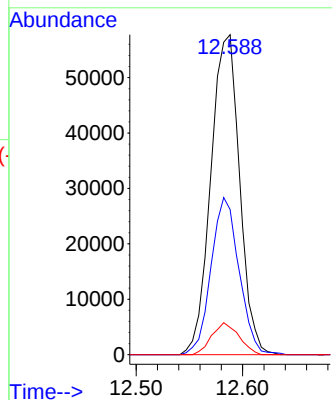
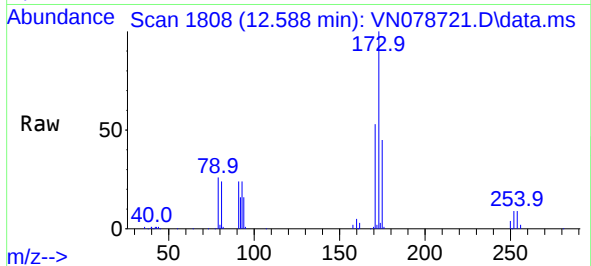




#56  
Bromoform  
Concen: 21.392 ug/l  
RT: 12.588 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

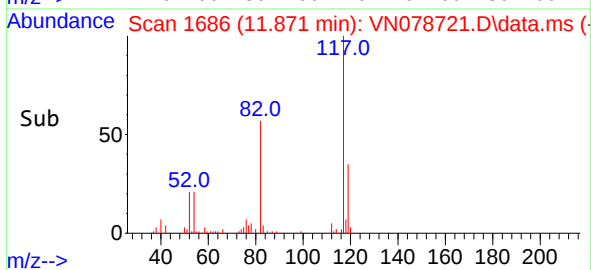
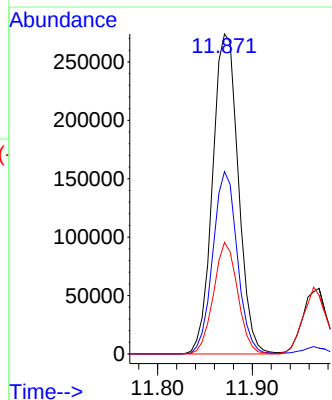
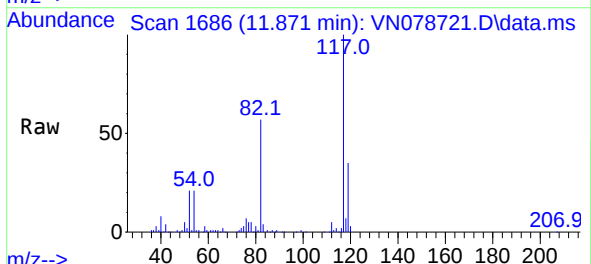
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

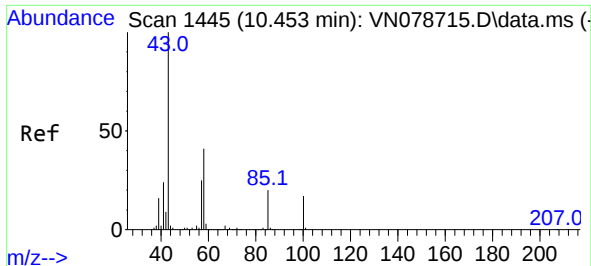
Tgt Ion:173 Resp: 108428  
Ion Ratio Lower Upper  
173 100  
175 47.8 40.7 61.1  
254 9.4 6.5 9.7



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion:117 Resp: 517429  
Ion Ratio Lower Upper  
117 100  
82 54.2 43.9 65.9  
119 32.7 26.2 39.4

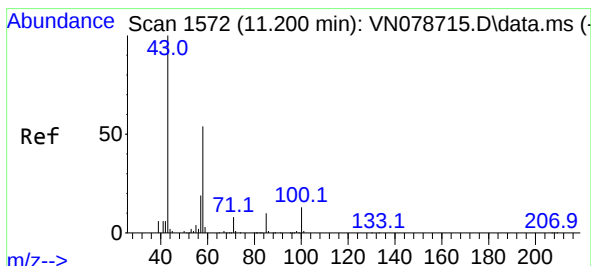
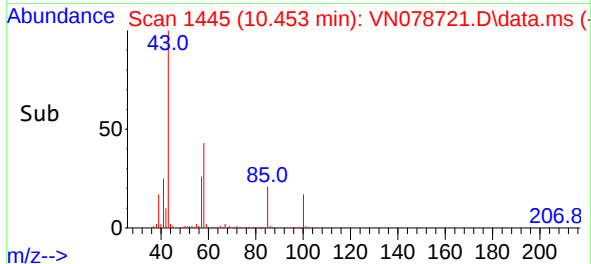
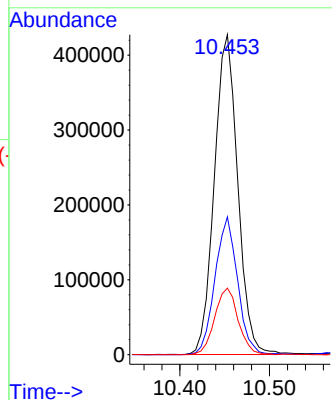
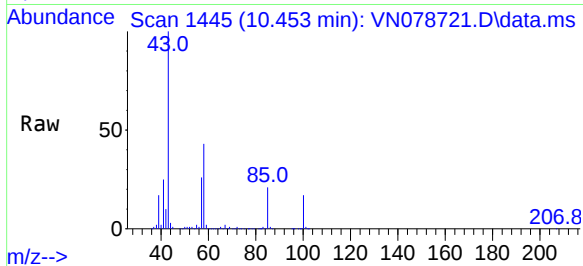




#58  
4-Methyl-2-Pentanone  
Concen: 99.840 ug/l  
RT: 10.453 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

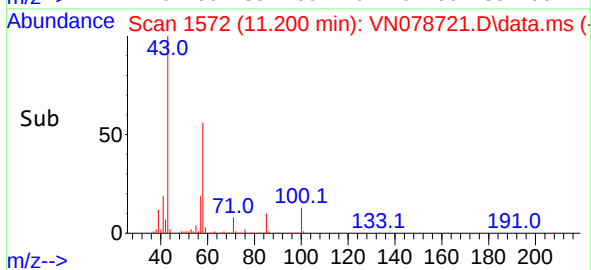
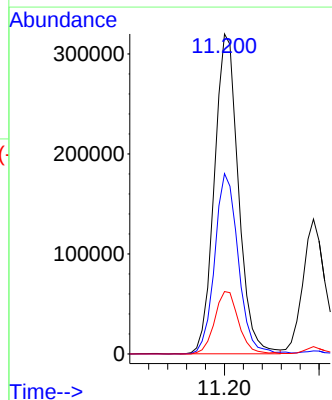
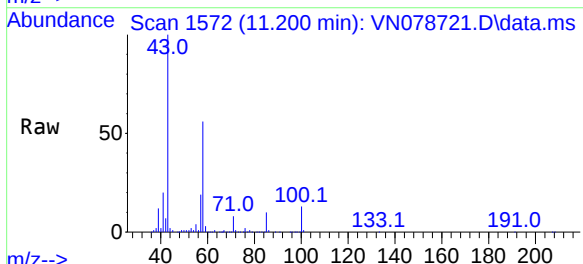
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICV080123

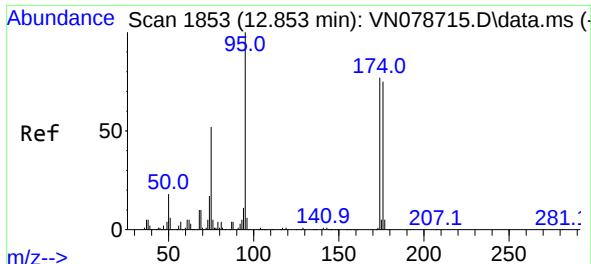
Tgt Ion: 43 Resp: 773246  
Ion Ratio Lower Upper  
43 100  
58 41.5 32.6 48.8  
85 20.9 16.2 24.2



#59  
2-Hexanone  
Concen: 96.161 ug/l  
RT: 11.200 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 43 Resp: 563897  
Ion Ratio Lower Upper  
43 100  
58 55.1 45.9 68.9  
57 19.4 15.8 23.6



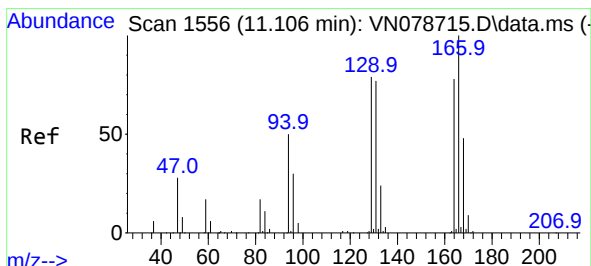
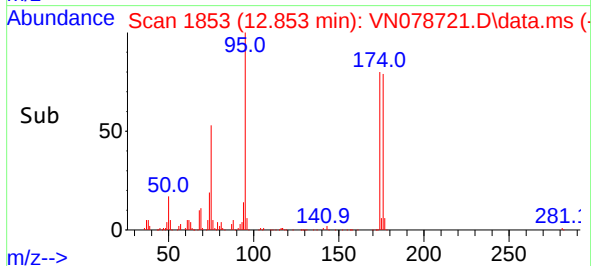
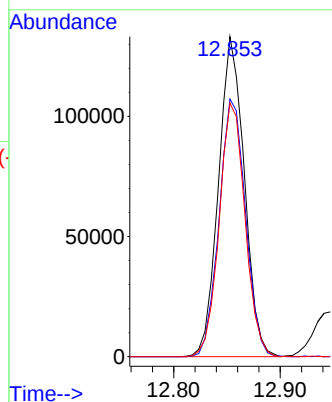
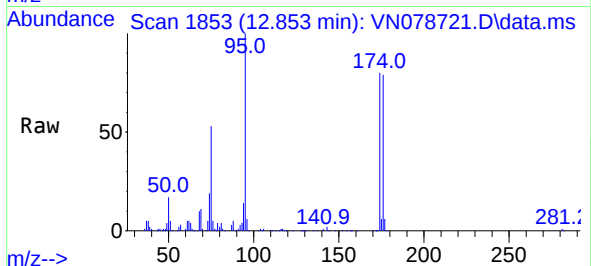


#60  
4-Bromofluorobenzene  
Concen: 28.830 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

Tgt Ion: 95 Resp: 223562

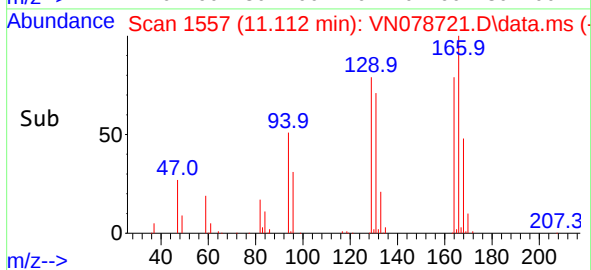
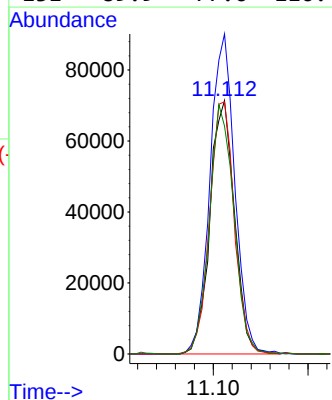
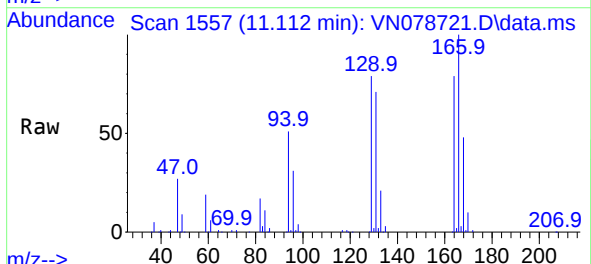
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 82.4  | 61.7  | 92.5  |
| 176 | 79.3  | 58.1  | 87.1  |

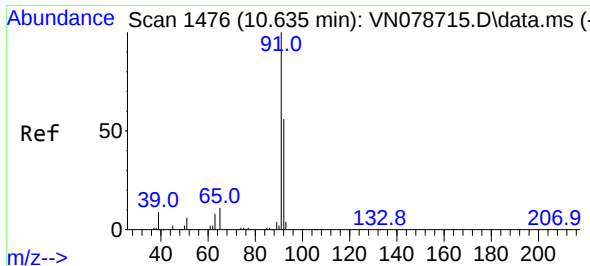


#61  
Tetrachloroethene  
Concen: 18.885 ug/l  
RT: 11.112 min Scan# 1557  
Delta R.T. 0.006 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 164 Resp: 128492

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 126.2 | 99.1  | 148.7 |
| 129 | 99.3  | 85.6  | 128.4 |
| 131 | 89.9  | 77.6  | 116.4 |

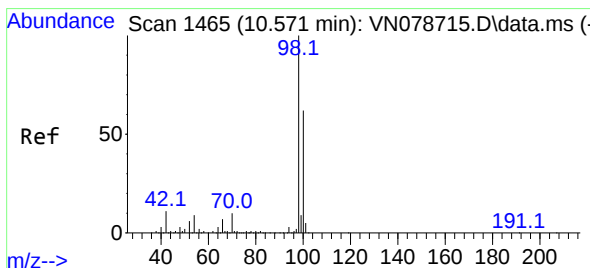
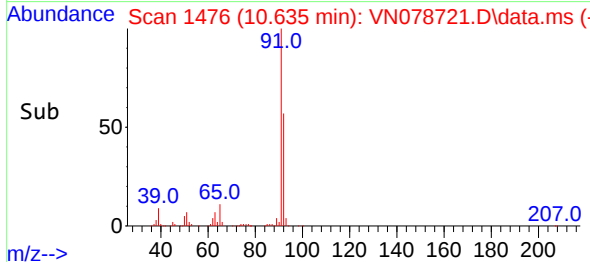
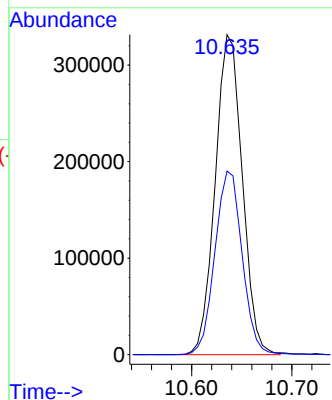
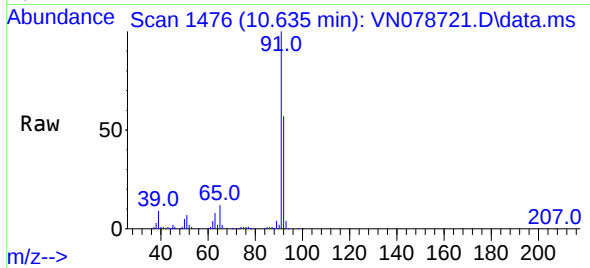




#62  
Toluene  
Concen: 19.980 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

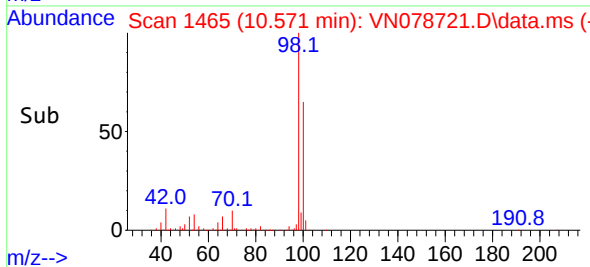
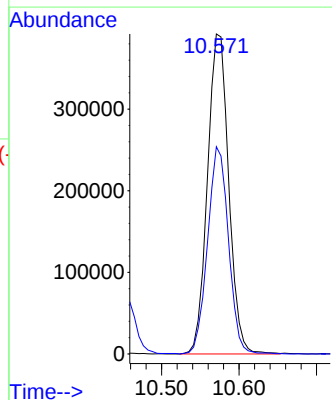
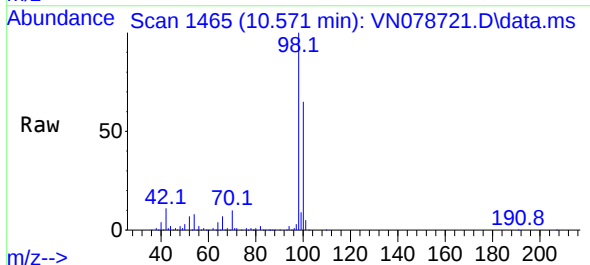
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

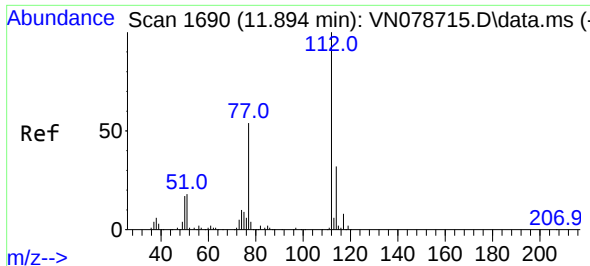
Tgt Ion: 91 Resp: 621871  
Ion Ratio Lower Upper  
91 100  
92 57.8 45.2 67.8



#63  
Toluene-d8  
Concen: 29.168 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 98 Resp: 745558  
Ion Ratio Lower Upper  
98 100  
100 63.6 49.7 74.5

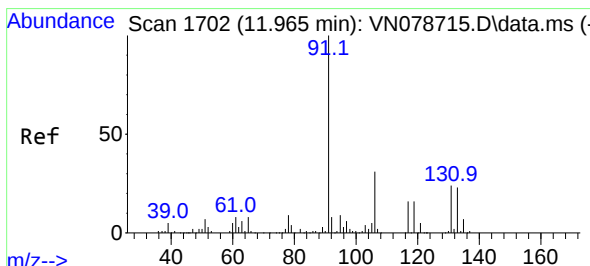
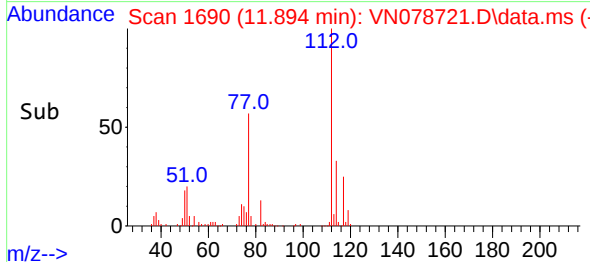
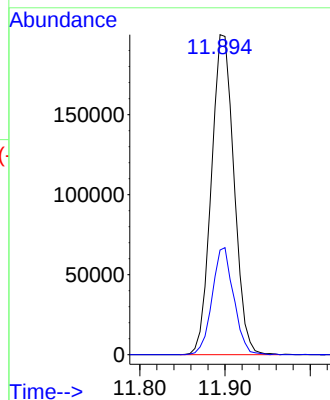
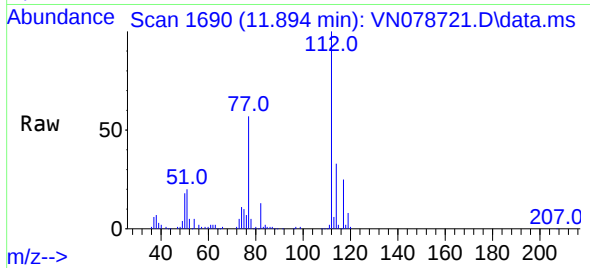




#64  
Chlorobenzene  
Concen: 20.319 ug/l  
RT: 11.894 min Scan# 1690  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

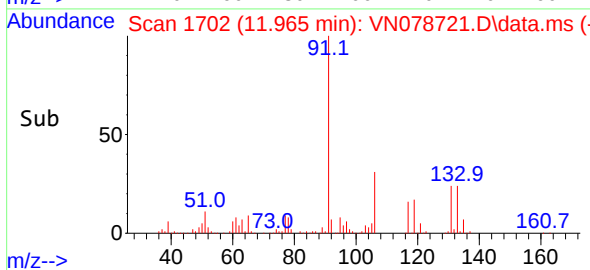
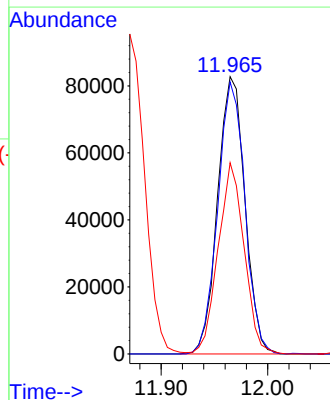
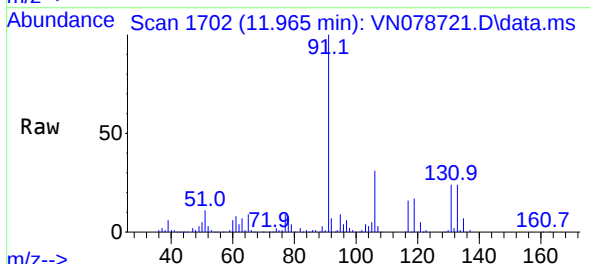
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

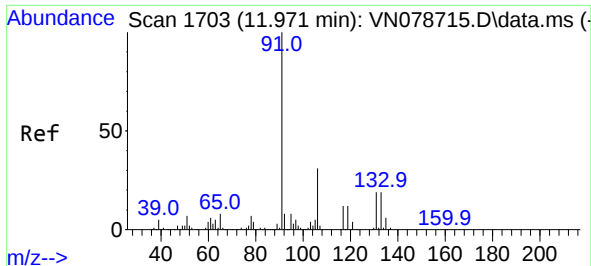
Tgt Ion:112 Resp: 369216  
Ion Ratio Lower Upper  
112 100  
114 32.7 25.9 38.9



#65  
1,1,1,2-Tetrachloroethane  
Concen: 20.550 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion:131 Resp: 147269  
Ion Ratio Lower Upper  
131 100  
133 97.6 0.0 191.8  
119 65.7 0.0 132.0

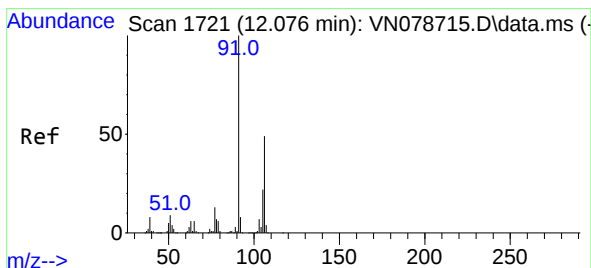
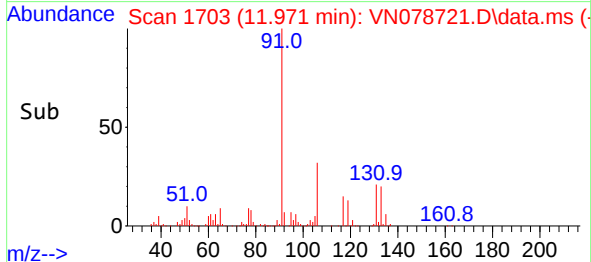
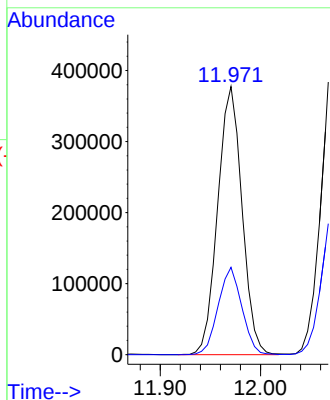
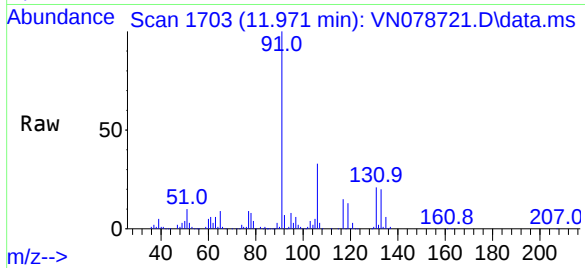




#66  
Ethyl Benzene  
Concen: 20.269 ug/l  
RT: 11.971 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

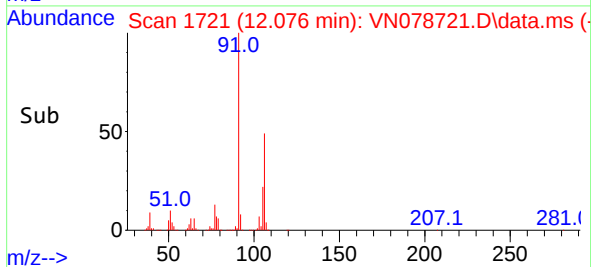
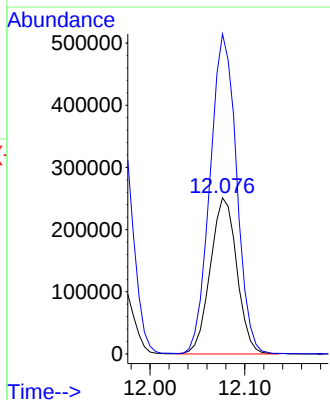
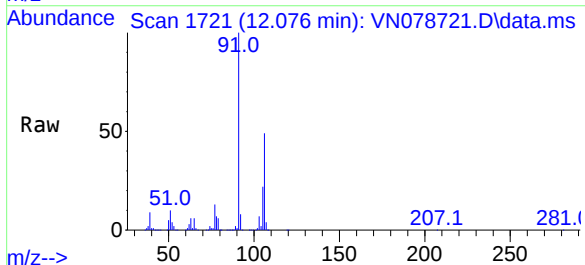
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

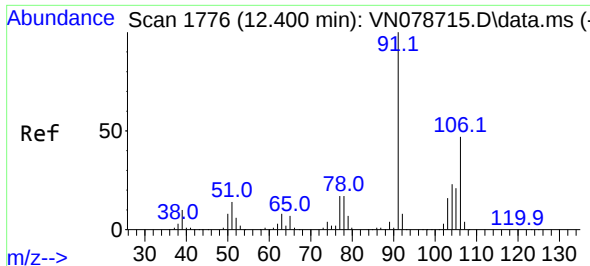
Tgt Ion: 91 Resp: 635784  
Ion Ratio Lower Upper  
91 100  
106 32.6 25.6 38.4



#67  
m/p-Xylenes  
Concen: 40.775 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion:106 Resp: 488562  
Ion Ratio Lower Upper  
106 100  
91 205.1 162.5 243.7

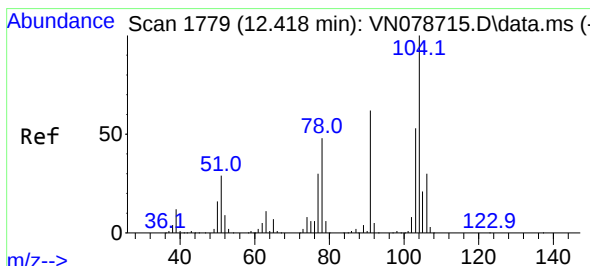
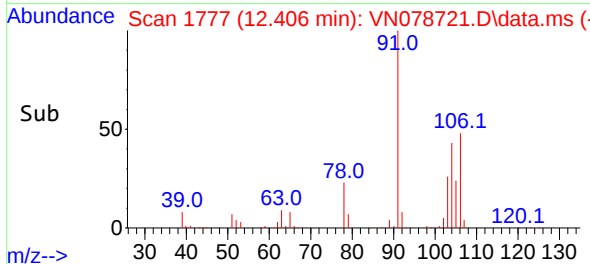
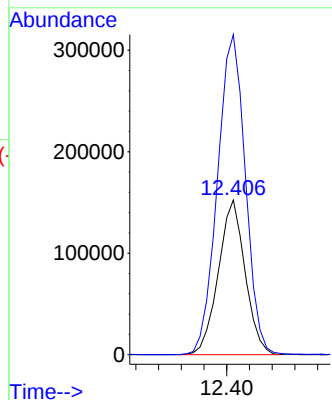
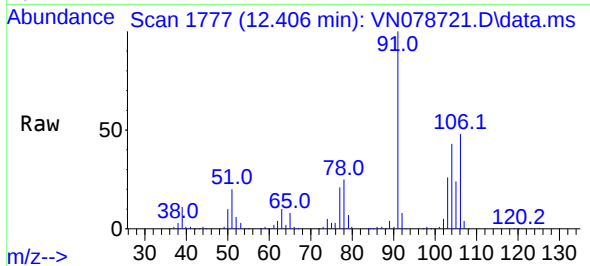




#68  
o-Xylene  
Concen: 20.468 ug/l  
RT: 12.406 min Scan# 1776  
Delta R.T. 0.006 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

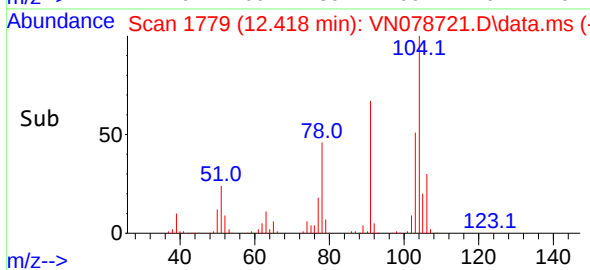
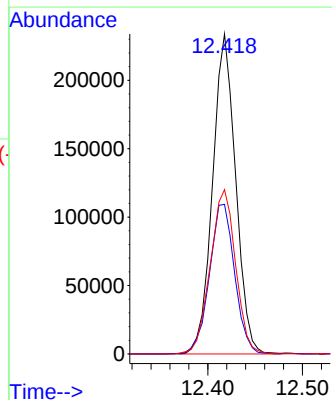
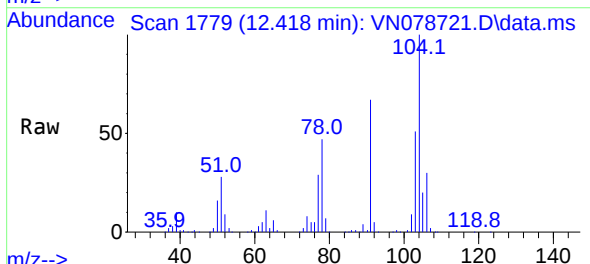
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

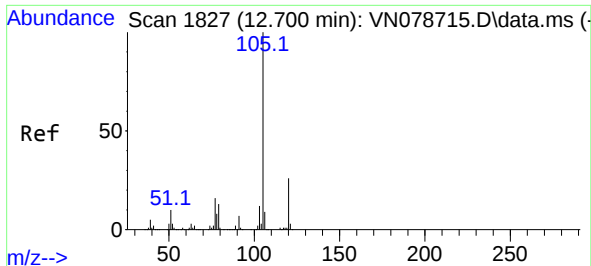
Tgt Ion:106 Resp: 249541  
Ion Ratio Lower Upper  
106 100  
91 215.9 106.1 318.3



#69  
Styrene  
Concen: 20.203 ug/l  
RT: 12.418 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion:104 Resp: 396323  
Ion Ratio Lower Upper  
104 100  
78 51.1 40.1 60.1  
103 56.2 45.1 67.7

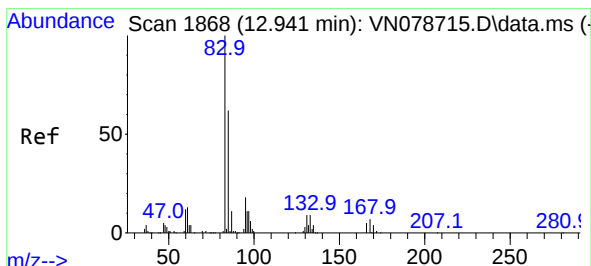
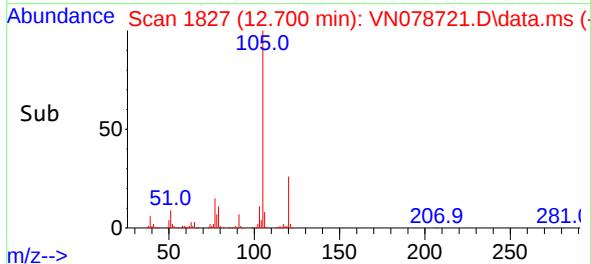
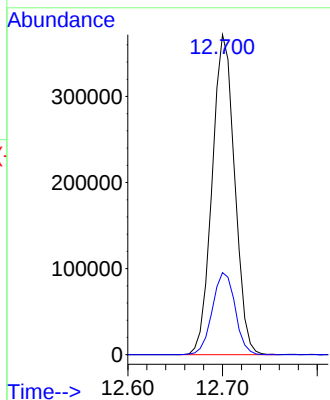
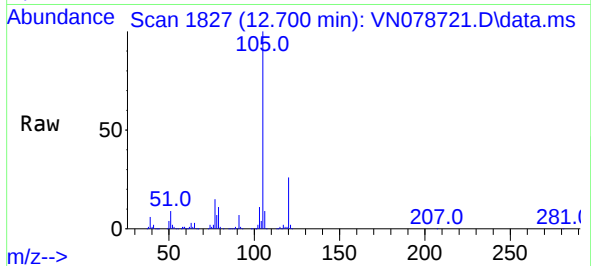




#70  
Isopropylbenzene  
Concen: 20.351 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

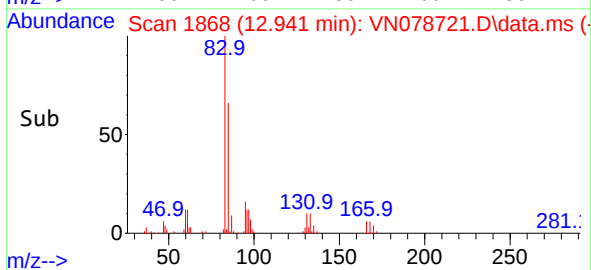
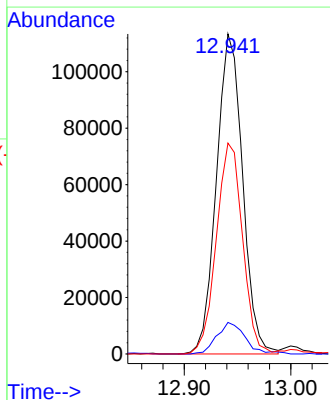
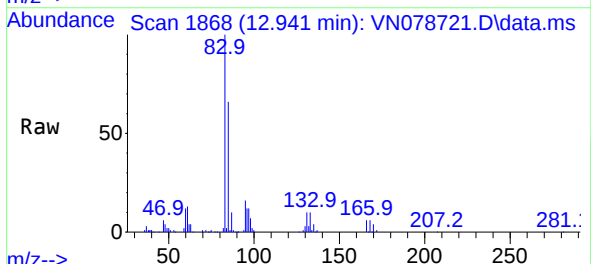
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

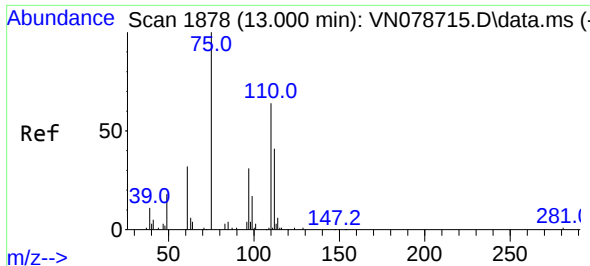
Tgt Ion:105 Resp: 613786  
Ion Ratio Lower Upper  
105 100  
120 26.0 18.3 34.1



#71  
1,1,2,2-Tetrachloroethane  
Concen: 19.743 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 83 Resp: 193428  
Ion Ratio Lower Upper  
83 100  
131 10.3 4.8 14.4  
85 65.9 32.6 98.0

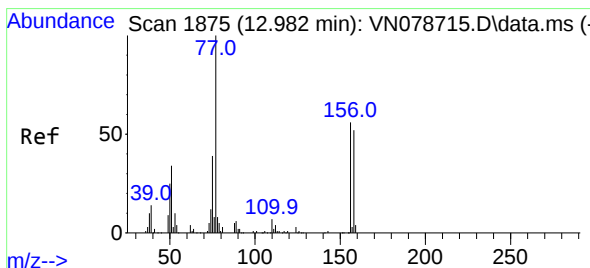
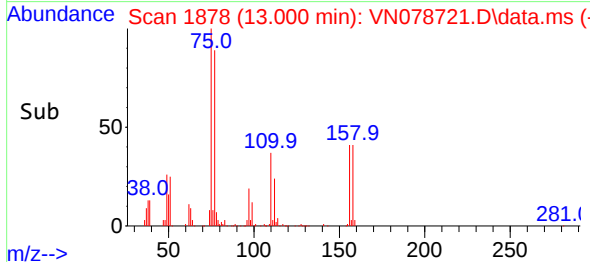
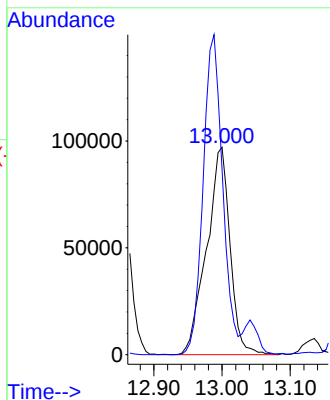
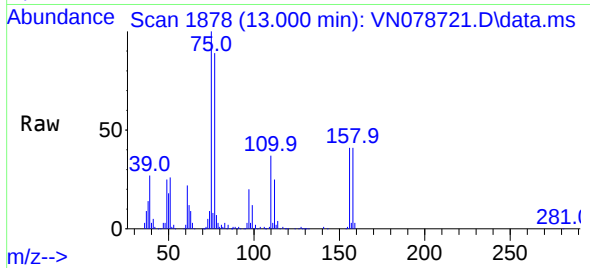




#72  
1,2,3-Trichloropropane  
Concen: 28.239 ug/l  
RT: 13.000 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

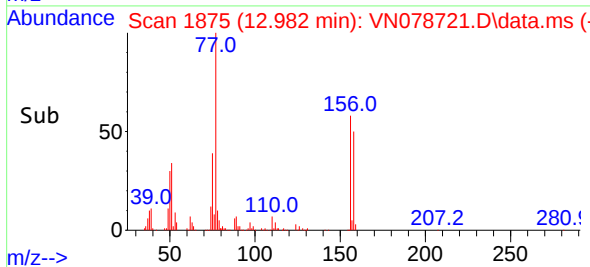
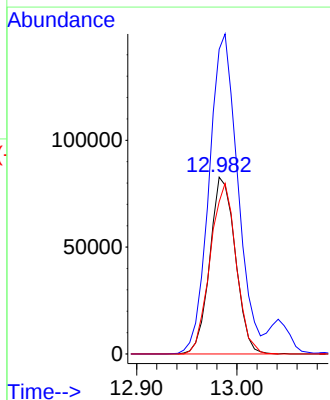
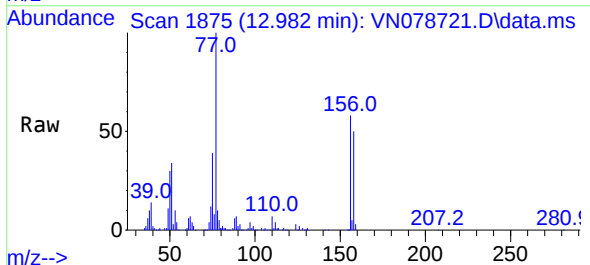
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

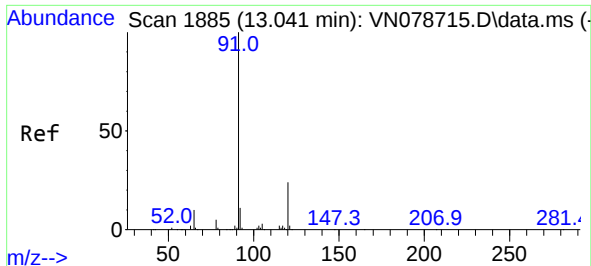
Tgt Ion: 75 Resp: 232090  
Ion Ratio Lower Upper  
75 100  
77 128.1 0.0 387.4



#73  
Bromobenzene  
Concen: 19.828 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion:156 Resp: 146579  
Ion Ratio Lower Upper  
156 100  
77 202.8 0.0 420.8  
158 98.1 0.0 193.2

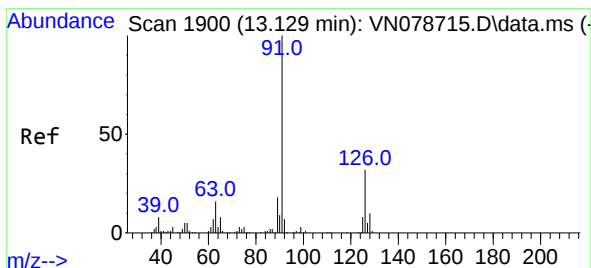
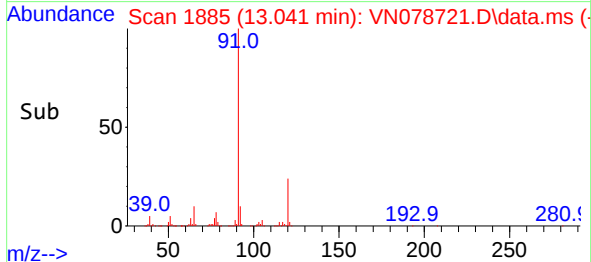
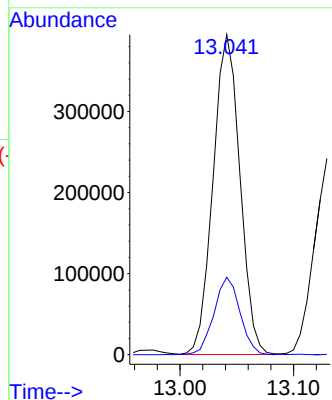
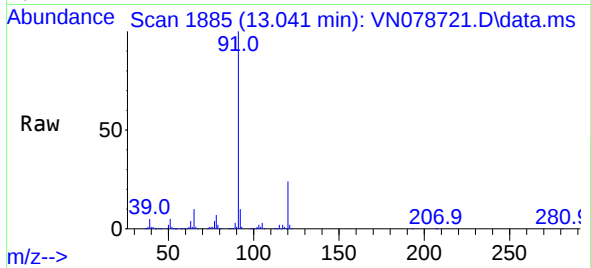




#74  
n-propylbenzene  
Concen: 19.408 ug/l  
RT: 13.041 min Scan# 1885  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

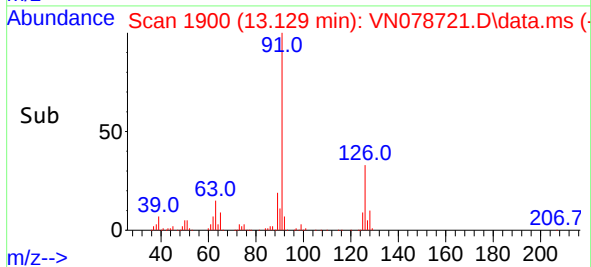
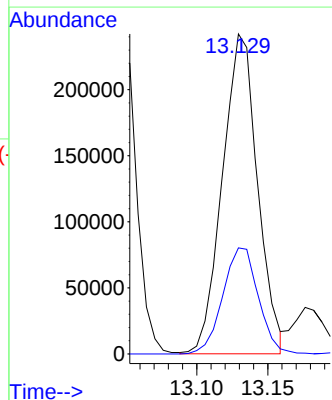
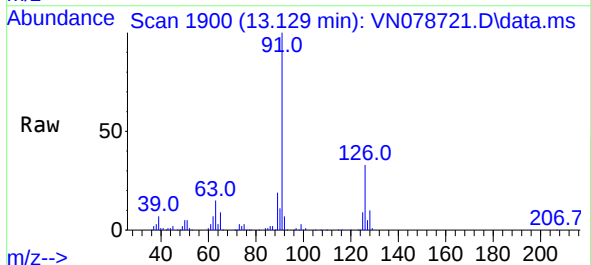
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ClientSampleId :  
ICVVN080123

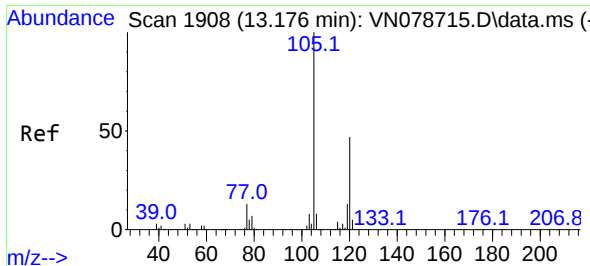
Tgt Ion: 91 Resp: 648802  
Ion Ratio Lower Upper  
91 100  
120 23.4 0.0 44.6



#75  
2-Chlorotoluene  
Concen: 18.042 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 91 Resp: 416526  
Ion Ratio Lower Upper  
91 100  
126 33.6 0.0 67.2

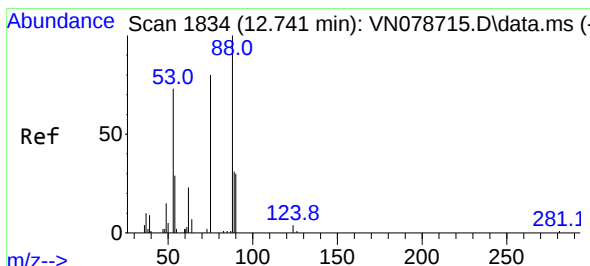
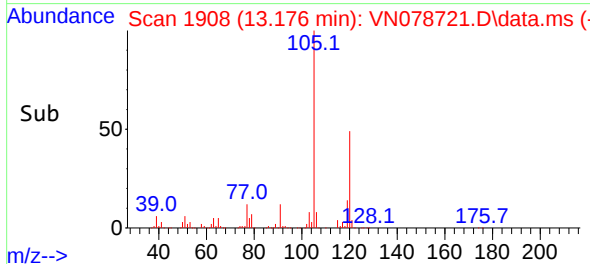
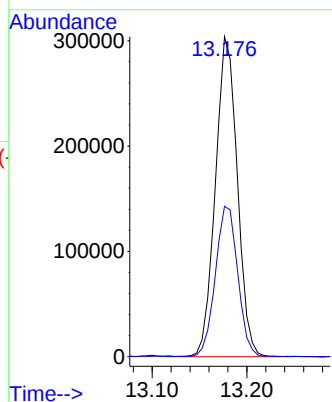
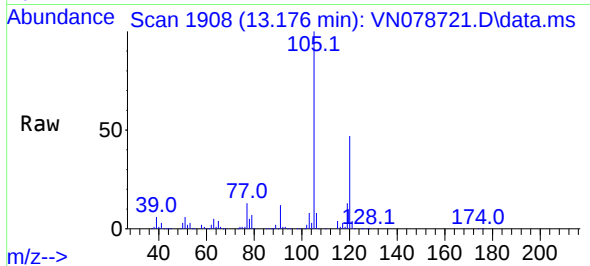




#76  
1,3,5-Trimethylbenzene  
Concen: 18.132 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

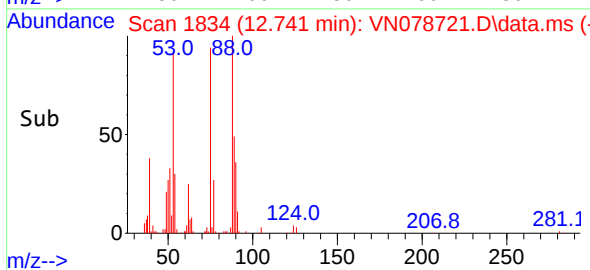
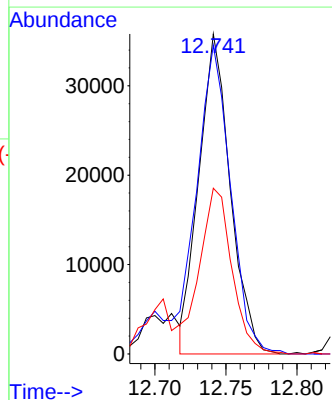
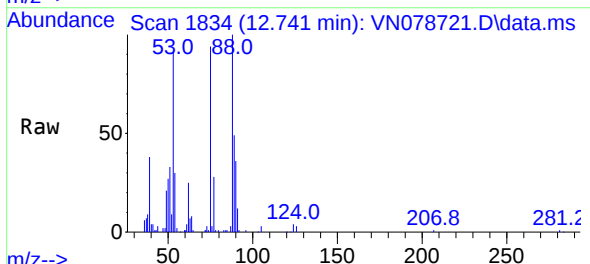
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

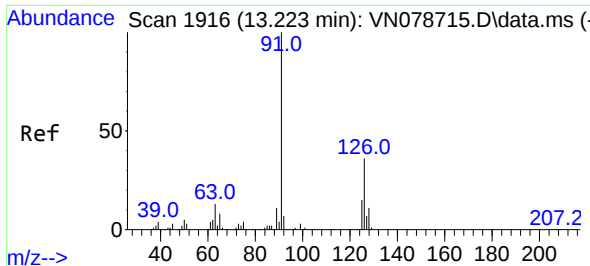
Tgt Ion:105 Resp: 488272  
Ion Ratio Lower Upper  
105 100  
120 47.8 0.0 97.2



#77  
t-1,4-Dichloro-2-butene  
Concen: 19.152 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 75 Resp: 55014  
Ion Ratio Lower Upper  
75 100  
53 95.4 41.6 124.9  
89 51.3 25.1 75.4

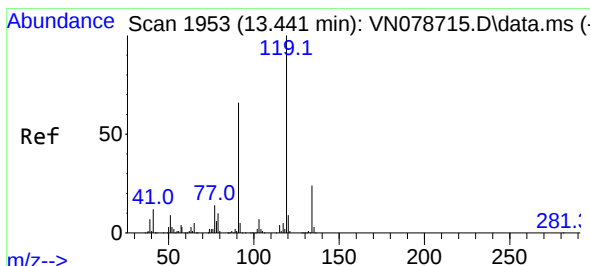
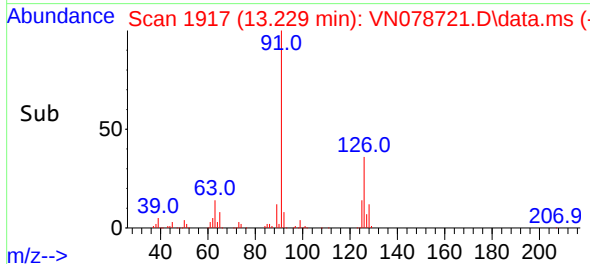
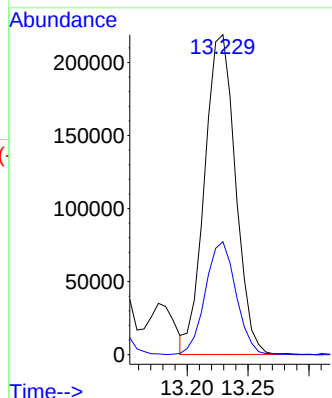
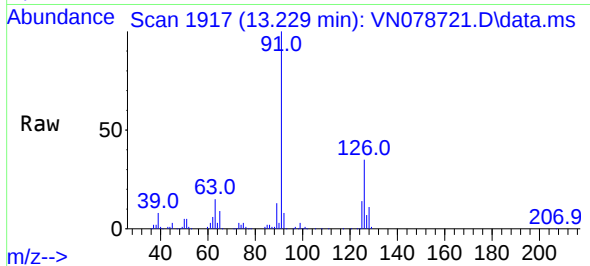




#78  
4-Chlorotoluene  
Concen: 17.310 ug/l  
RT: 13.229 min Scan# 1916  
Delta R.T. 0.006 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

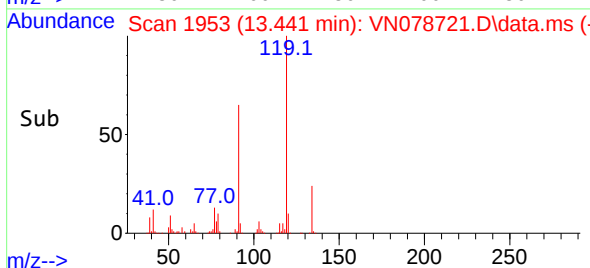
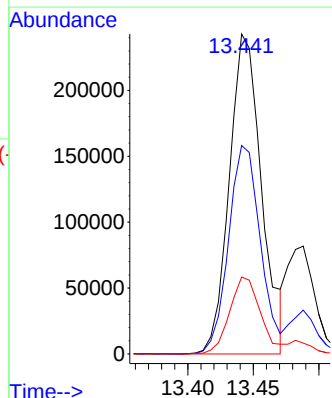
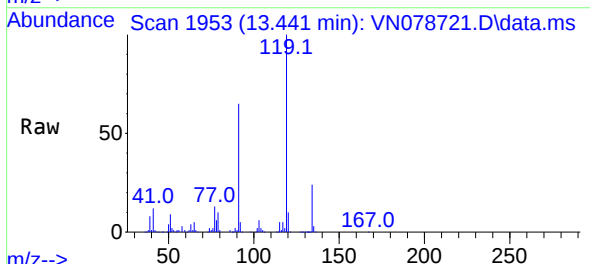
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

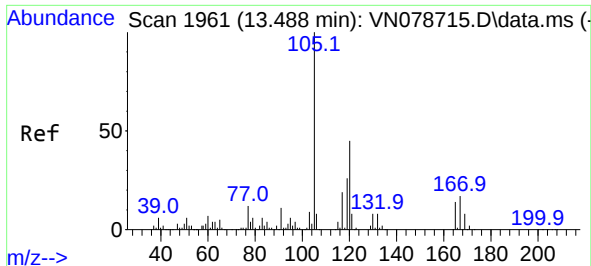
Tgt Ion: 91 Resp: 385855  
Ion Ratio Lower Upper  
91 100  
126 35.1 0.0 68.8



#79  
tert-butylbenzene  
Concen: 17.940 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 119 Resp: 415798  
Ion Ratio Lower Upper  
119 100  
91 64.4 0.0 126.6  
134 22.9 0.0 44.0

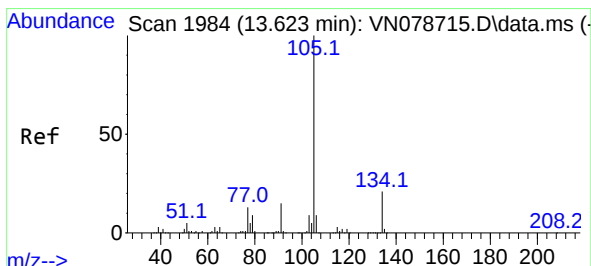
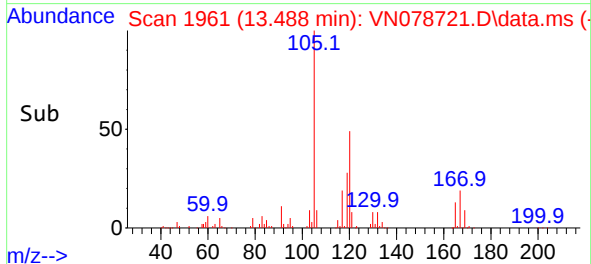
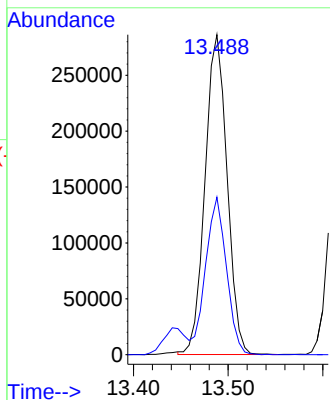
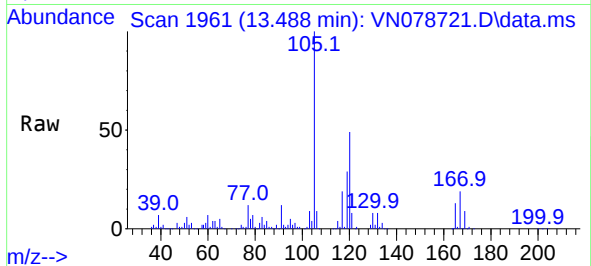




#80  
1,2,4-Trimethylbenzene  
Concen: 17.999 ug/l  
RT: 13.488 min Scan# 1961  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

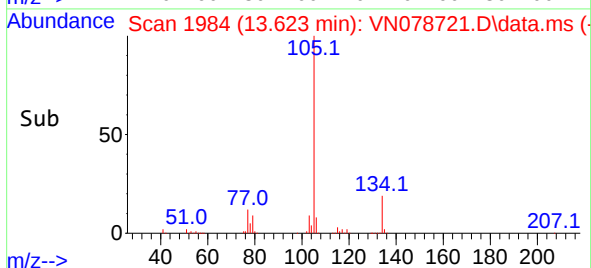
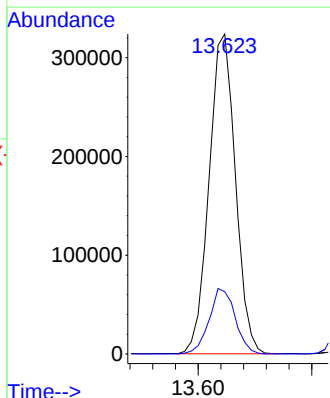
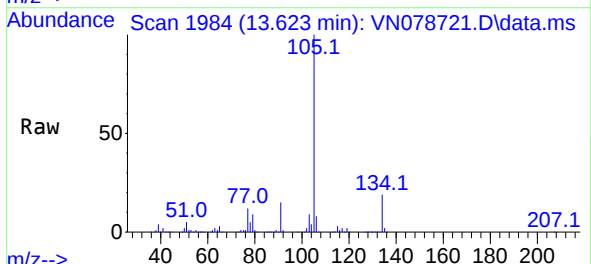
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

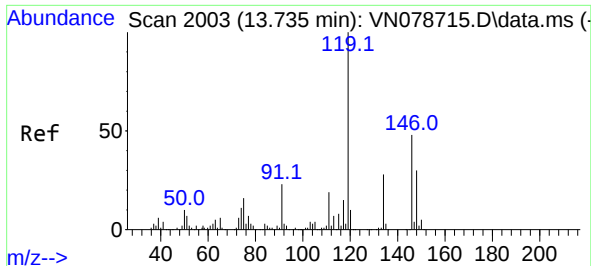
Tgt Ion:105 Resp: 462919  
Ion Ratio Lower Upper  
105 100  
120 46.8 0.0 88.2



#81  
sec-Butylbenzene  
Concen: 17.554 ug/l  
RT: 13.623 min Scan# 1984  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion:105 Resp: 521498  
Ion Ratio Lower Upper  
105 100  
134 20.2 0.0 38.6

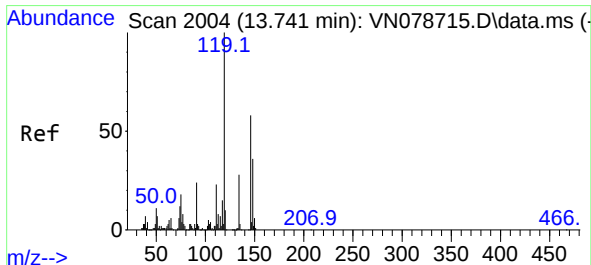
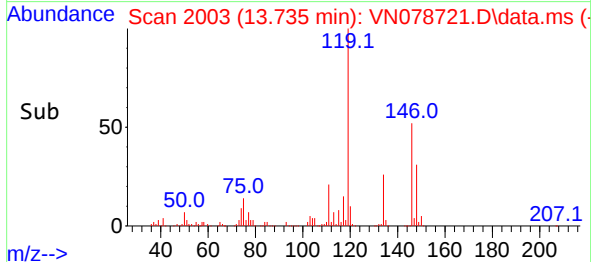
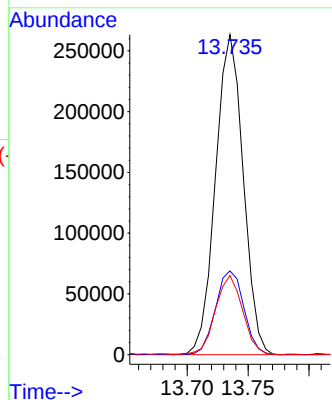
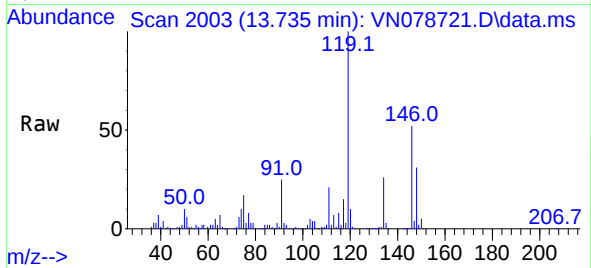




#82  
p-Isopropyltoluene  
Concen: 17.100 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

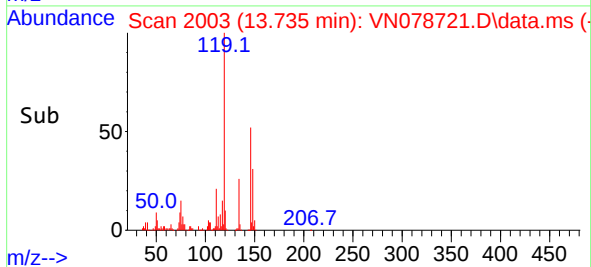
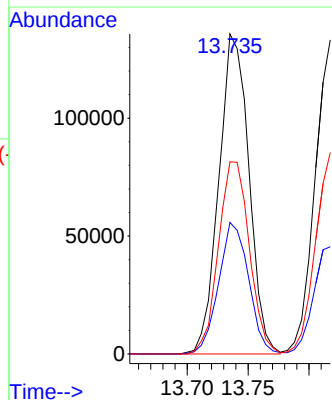
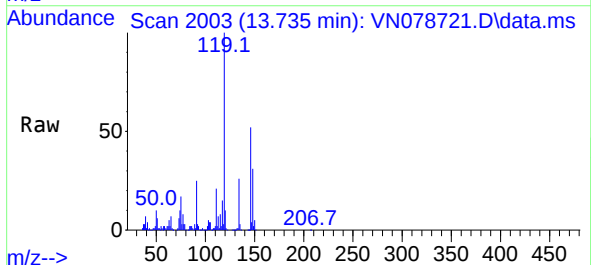
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ClientSampleId :  
ICVVN080123

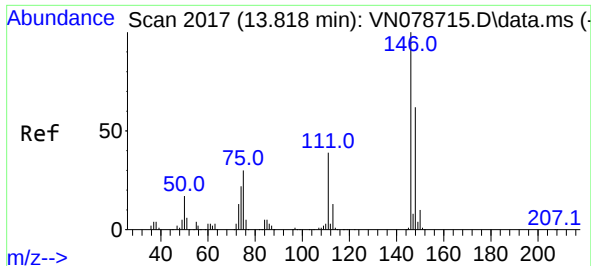
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 119   | Resp: | 417055 |
| Ion      | Ratio | Lower | Upper  |
| 119      | 100   |       |        |
| 134      | 26.7  | 0.0   | 52.4   |
| 91       | 24.3  | 0.0   | 48.2   |



#83  
1,3-Dichlorobenzene  
Concen: 17.769 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.006 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 232945 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 41.2  | 21.6  | 64.6   |
| 148      | 61.9  | 31.9  | 95.5   |

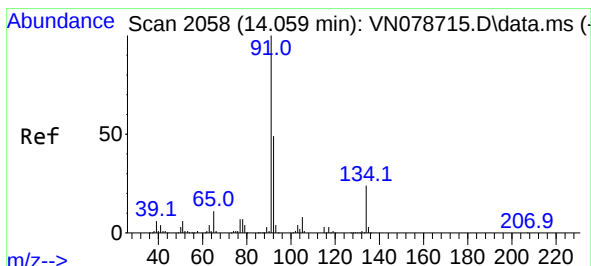
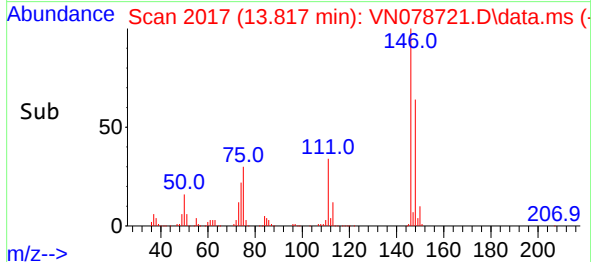
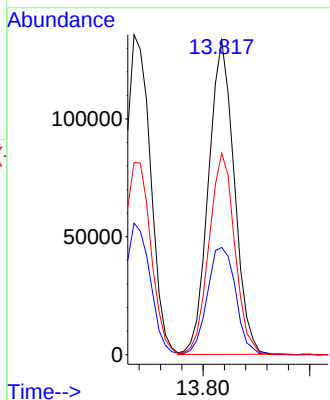
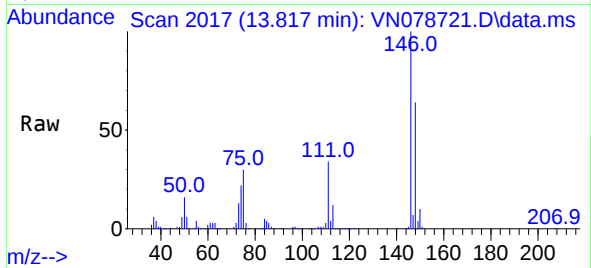




#84  
1,4-Dichlorobenzene  
Concen: 18.209 ug/l  
RT: 13.817 min Scan# 2017  
Delta R.T. -0.001 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

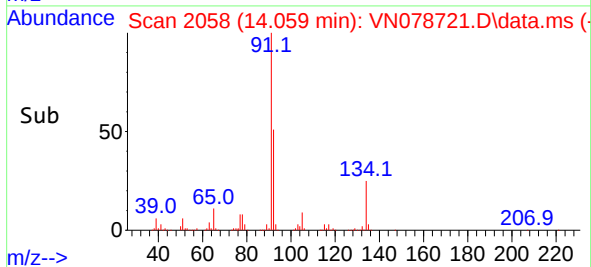
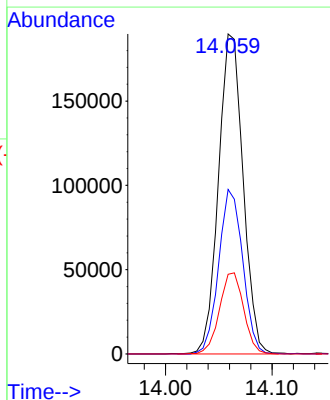
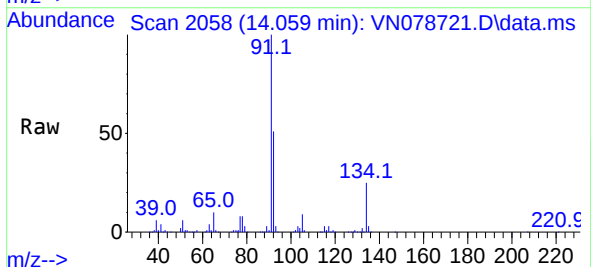
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MSVOA\_N  
ClientSampleId :  
ICVVN080123

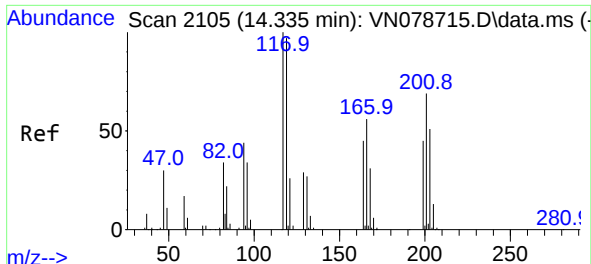
Tgt Ion:146 Resp: 223482  
Ion Ratio Lower Upper  
146 100  
111 37.6 19.4 58.2  
148 64.2 31.4 94.3



#85  
n-Butylbenzene  
Concen: 18.008 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 91 Resp: 304569  
Ion Ratio Lower Upper  
91 100  
92 50.3 0.0 99.6  
134 24.9 0.0 50.0

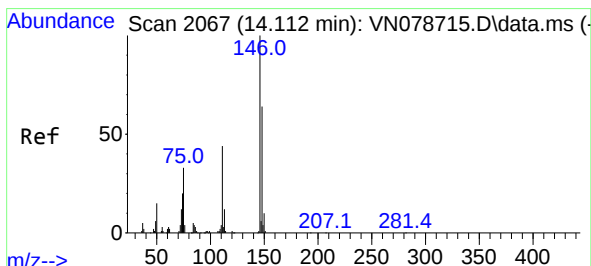
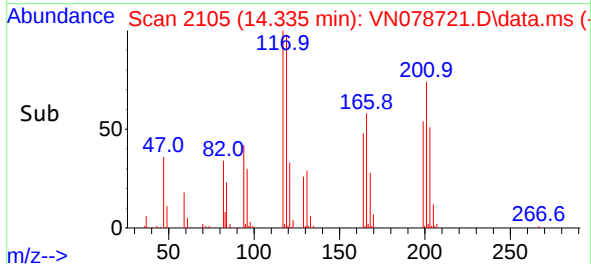
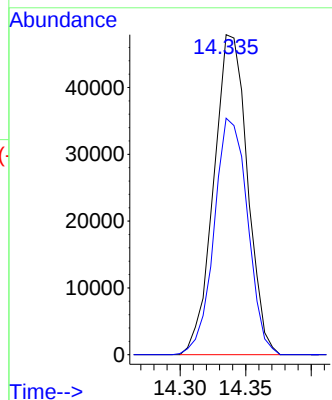
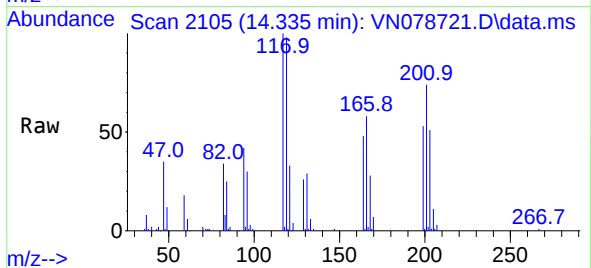




#86  
Hexachloroethane  
Concen: 19.271 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. 0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

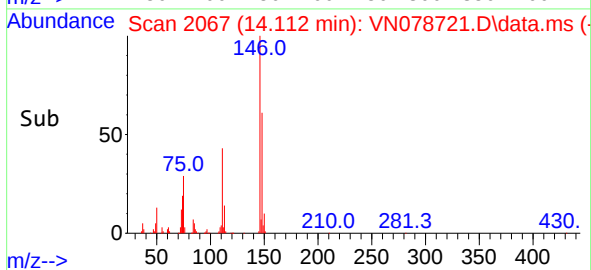
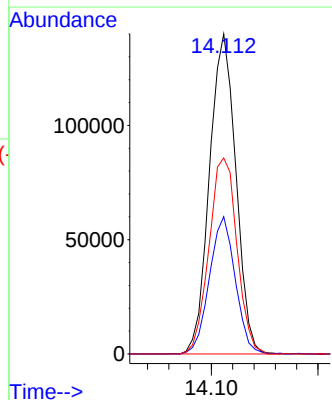
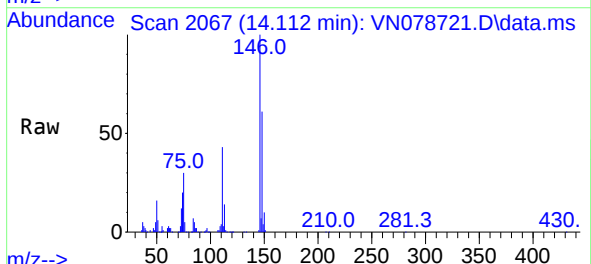
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

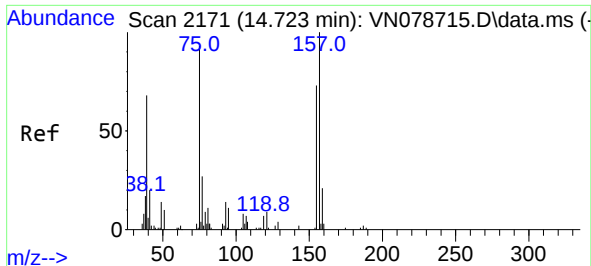
Tgt Ion:117 Resp: 85637  
Ion Ratio Lower Upper  
117 100  
201 73.3 34.2 102.6



#87  
1,2-Dichlorobenzene  
Concen: 19.638 ug/l  
RT: 14.112 min Scan# 2067  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion:146 Resp: 240952  
Ion Ratio Lower Upper  
146 100  
111 41.9 22.4 67.3  
148 64.8 33.4 100.1

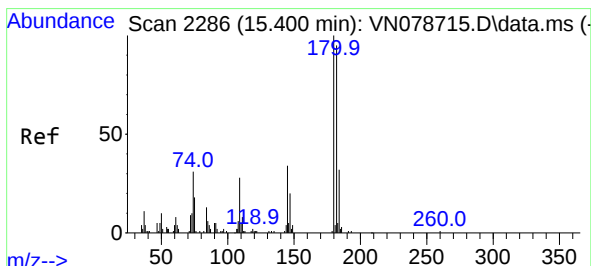
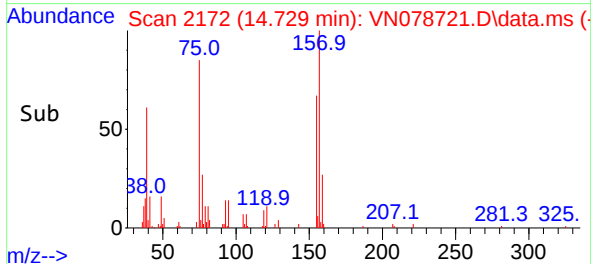
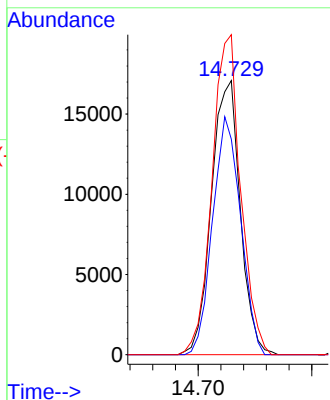
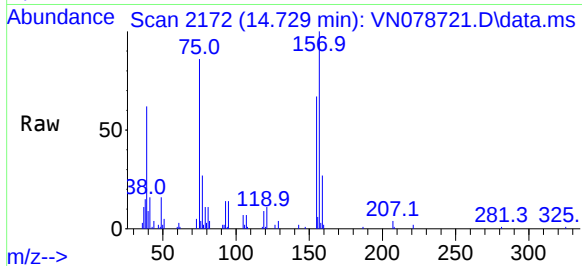




#88  
1,2-Dibromo-3-Chloropropane  
Concen: 18.097 ug/l  
RT: 14.729 min Scan# 2171  
Delta R.T. 0.006 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

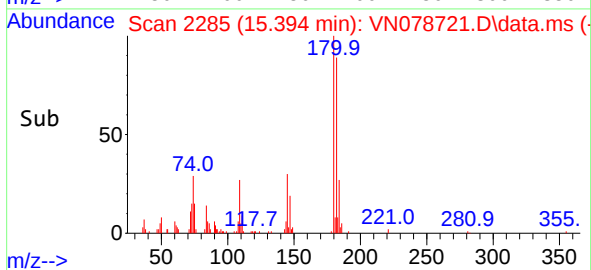
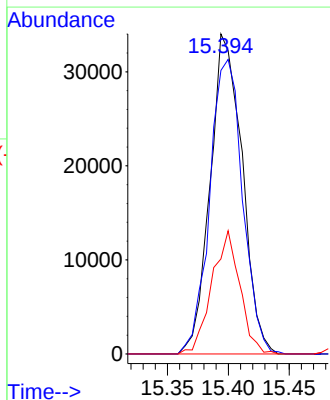
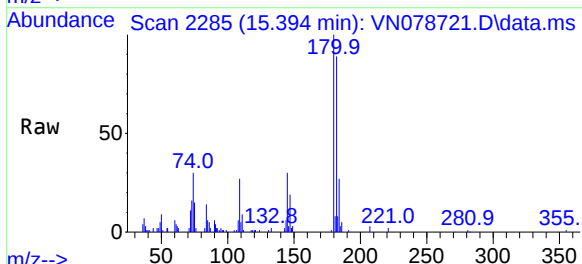
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080123

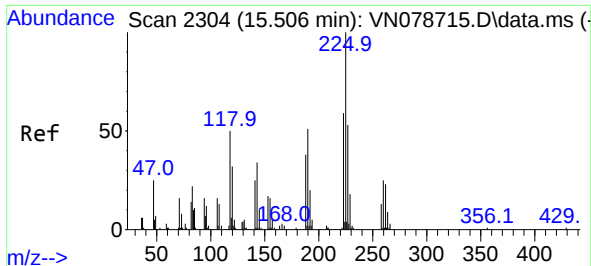
Tgt Ion: 75 Resp: 30110  
Ion Ratio Lower Upper  
75 100  
155 84.4 68.2 102.2  
157 116.1 84.7 127.1



#89  
1,2,4-Trichlorobenzene  
Concen: 17.737 ug/l  
RT: 15.394 min Scan# 2285  
Delta R.T. -0.006 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

Tgt Ion: 180 Resp: 62089  
Ion Ratio Lower Upper  
180 100  
182 94.6 73.7 110.5  
145 33.8 25.0 37.6

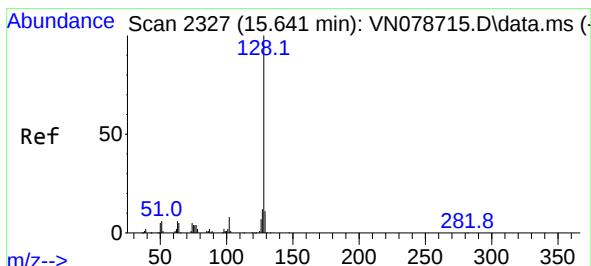
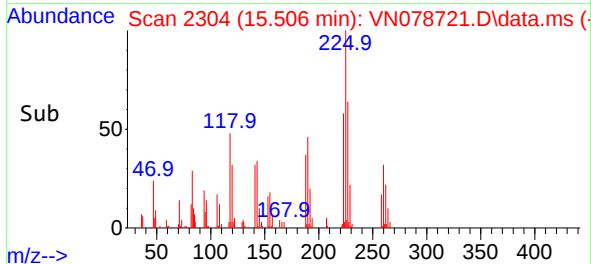
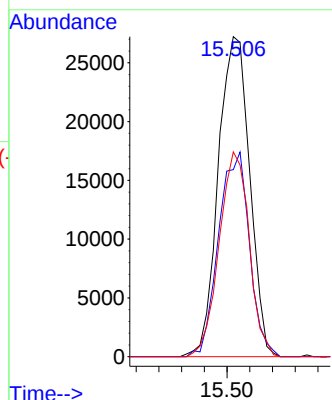
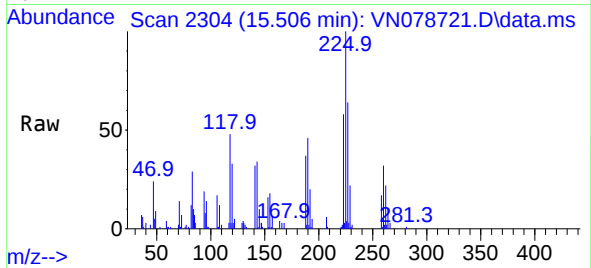




#90  
Hexachlorobutadiene  
Concen: 19.589 ug/l  
RT: 15.506 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

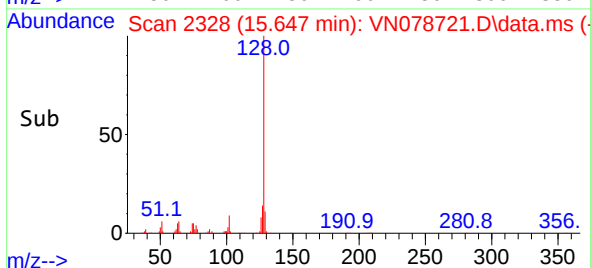
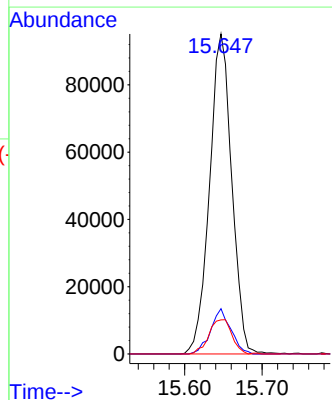
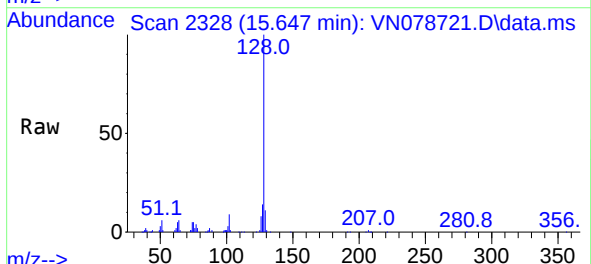
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ClientSampleId :  
ICVVN080123

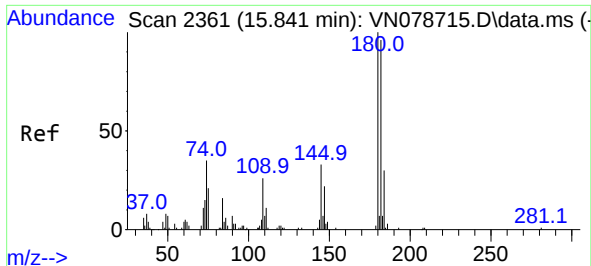
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 52240 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 62.7  | 0.0   | 130.0 |
| 227       | 61.2  | 0.0   | 124.0 |



#91  
Naphthalene  
Concen: 17.915 ug/l  
RT: 15.647 min Scan# 2328  
Delta R.T. 0.006 min  
Lab File: VN078721.D  
Acq: 01 Aug 2023 17:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 189984 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.8  | 10.2  | 15.2   |
| 129       | 11.1  | 9.0   | 13.4   |





#92

1,2,3-Trichlorobenzene

Concen: 18.660 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN078721.D

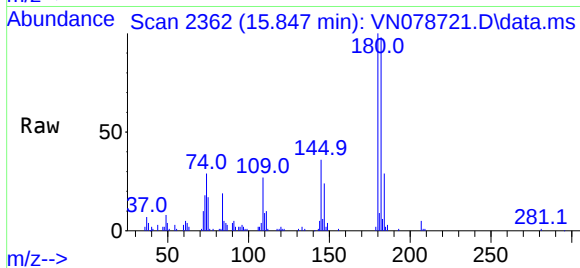
Acq: 01 Aug 2023 17:00

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN080123



Tgt Ion:180 Resp: 74338

Ion Ratio Lower Upper

180 100

182 101.3 0.0 196.4

145 32.0 0.0 71.0

