

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN080323\  
 Data File : VN078754.D  
 Acq On : 03 Aug 2023 15:43  
 Operator : JC\MD  
 Sample : VN0803WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0803WBS02

Quant Time: Aug 04 06:31:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N080123W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Aug 02 04:51:47 2023  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |       | Response | Conc     | Units       | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|-------------|----------|
| -----                        |           |       |          |          |             |          |
| Internal Standards           |           |       |          |          |             |          |
| 1) Bromochloromethane        | 7.818     | 128   | 112415   | 30.000   | ug/l        | 0.00     |
| 28) 1,4-Difluorobenzene      | 9.112     | 114   | 537605   | 30.000   | ug/l        | 0.00     |
| 57) Chlorobenzene-d5         | 11.870    | 117   | 519977   | 30.000   | ug/l        | 0.00     |
| System Monitoring Compounds  |           |       |          |          |             |          |
| 27) 1,2-Dichloroethane-d4    | 8.588     | 65    | 307989   | 36.550   | ug/l        | 0.00     |
| Spiked Amount                | 30.000    | Range | 91 - 110 | Recovery | = 121.833%# |          |
| 60) 4-Bromofluorobenzene     | 12.853    | 95    | 332729   | 42.698   | ug/l        | 0.00     |
| Spiked Amount                | 30.000    | Range | 63 - 112 | Recovery | = 142.333%# |          |
| 63) Toluene-d8               | 10.571    | 98    | 721773   | 28.099   | ug/l        | 0.00     |
| Spiked Amount                | 30.000    | Range | 91 - 112 | Recovery | = 93.667%   |          |
| Target Compounds             |           |       |          |          |             | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.136     | 85    | 104038   | 14.672   | ug/l        | 99       |
| 3) Chloromethane             | 2.371     | 50    | 178700   | 20.474   | ug/l        | 99       |
| 4) Vinyl Chloride            | 2.524     | 62    | 209265   | 17.642   | ug/l        | 95       |
| 5) Bromomethane              | 2.965     | 94    | 126980   | 14.321   | ug/l        | 99       |
| 6) Chloroethane              | 3.130     | 64    | 130065   | 16.837   | ug/l        | 99       |
| 7) Trichlorofluoromethane    | 3.500     | 101   | 215132   | 17.681   | ug/l        | 93       |
| 8) Diethyl Ether             | 3.971     | 74    | 62735    | 15.793   | ug/l        | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 4.383     | 101   | 106650   | 16.329   | ug/l        | 98       |
| 10) 1,1-Dichloroethene       | 4.353     | 96    | 102299   | 16.334   | ug/l        | 97       |
| 11) Methyl Iodide            | 4.606     | 142   | 140143   | 15.919   | ug/l        | 94       |
| 12) Methyl Acetate           | 5.041     | 43    | 169638   | 16.699   | ug/l        | 100      |
| 13) Acrolein                 | 4.189     | 56    | 80369    | 74.295   | ug/l        | 97       |
| 14) Acrylonitrile            | 5.736     | 53    | 248708   | 83.610   | ug/l        | 99       |
| 15) Acetone                  | 4.447     | 58    | 66066    | 76.656   | ug/l        | 84       |
| 16) Carbon Disulfide         | 4.718     | 76    | 269687   | 15.244   | ug/l #      | 95       |
| 17) Allyl chloride           | 5.036     | 41    | 133049   | 15.559   | ug/l        | 97       |
| 18) Methylene Chloride       | 5.294     | 84    | 126676   | 16.859   | ug/l        | 94       |
| 19) trans-1,2-Dichloroethene | 5.794     | 96    | 114507   | 15.813   | ug/l        | 86       |
| 20) Diisopropyl ether        | 6.677     | 45    | 416530   | 21.633   | ug/l        | 95       |
| 21) 1,1-Dichloroethane       | 6.577     | 63    | 301112   | 23.618   | ug/l        | 96       |
| 22) cis-1,2-Dichloroethene   | 7.494     | 96    | 161467   | 19.855   | ug/l        | 99       |
| 23) tert-Butyl Alcohol       | 5.536     | 59    | 101137   | 83.205   | ug/l        | 100      |
| 24) Methyl tert-Butyl Ether  | 5.818     | 73    | 343154   | 16.294   | ug/l        | 95       |
| 25) Chloroform               | 7.971     | 83    | 283006   | 20.967   | ug/l        | 94       |
| 26) Cyclohexane              | 8.265     | 56    | 267268   | 28.459   | ug/l #      | 94       |
| 29) 1,1-Dichloropropene      | 8.382     | 75    | 210927   | 26.664   | ug/l        | 97       |
| 30) 2-Butanone               | 7.494     | 43    | 383507   | 122.641  | ug/l        | 100      |
| 31) 2,2-Dichloropropane      | 7.494     | 77    | 200464   | 22.084   | ug/l        | 97       |
| 32) 1,1,1-Trichloroethane    | 8.177     | 97    | 247697   | 24.749   | ug/l        | 99       |
| 33) Carbon Tetrachloride     | 8.371     | 117   | 242129   | 27.239   | ug/l        | 98       |
| 34) Benzene                  | 8.612     | 78    | 629003   | 26.471   | ug/l        | 97       |
| 35) Methacrylonitrile        | 7.788     | 41    | 94927    | 27.644   | ug/l        | 78       |
| 36) 1,2-Dichloroethane       | 8.677     | 62    | 219864   | 26.346   | ug/l        | 99       |
| 37) Trichloroethene          | 9.359     | 130   | 128444   | 19.262   | ug/l        | 95       |
| 38) Methylcyclohexane        | 9.606     | 83    | 148337   | 18.251   | ug/l        | 97       |
| 39) 1,2-Dichloropropane      | 9.629     | 63    | 130161   | 20.433   | ug/l        | 92       |
| 40) Dibromomethane           | 9.718     | 93    | 90419    | 20.508   | ug/l        | 98       |
| 41) Bromodichloromethane     | 9.894     | 83    | 184714   | 20.956   | ug/l        | 97       |
| 42) Vinyl Acetate            | 6.618     | 43    | 1346766  | 133.959  | ug/l        | 99       |

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 Sample : VN0803WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

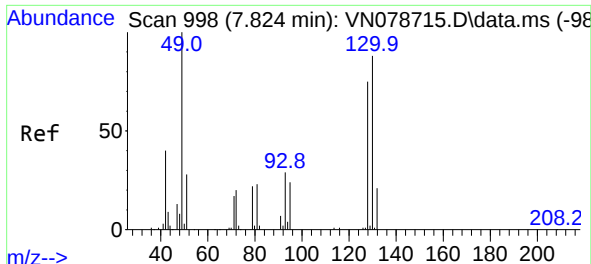
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0803WBS02

Quant Time: Aug 04 06:31:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N080123W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Aug 02 04:51:47 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 7.565  | 43   | 184777   | 28.582  | ug/l   | 100      |
| 44) Isopropyl Acetate         | 8.700  | 43   | 285181   | 25.143  | ug/l   | 99       |
| 45) 1,4-Dioxane               | 9.700  | 88   | 44070    | 422.383 | ug/l   | 91       |
| 46) Methyl methacrylate       | 9.688  | 41   | 108232   | 20.837  | ug/l   | 96       |
| 47) n-amyl Acetate            | 12.500 | 43   | 251992   | 28.846  | ug/l   | 95       |
| 48) t-1,3-Dichloropropene     | 10.841 | 75   | 182897   | 19.442  | ug/l   | 99       |
| 49) cis-1,3-Dichloropropene   | 10.318 | 75   | 195224   | 19.538  | ug/l   | 95       |
| 50) 1,1,2-Trichloroethane     | 11.023 | 97   | 128129   | 20.530  | ug/l   | 98       |
| 51) Ethyl methacrylate        | 10.882 | 69   | 166026   | 19.431  | ug/l   | 89       |
| 52) 1,3-Dichloropropane       | 11.170 | 76   | 212155   | 18.913  | ug/l   | 98       |
| 53) Dibromochloromethane      | 11.365 | 129  | 138494   | 19.643  | ug/l   | 97       |
| 54) 1,2-Dibromoethane         | 11.476 | 107  | 128367   | 20.483  | ug/l   | 98       |
| 55) 2-Chloroethyl vinyl ether | 10.171 | 63   | 283870   | 104.260 | ug/l   | 98       |
| 56) Bromoform                 | 12.582 | 173  | 137579   | 29.823  | ug/l # | 96       |
| 58) 4-Methyl-2-Pentanone      | 10.453 | 43   | 714551   | 91.810  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.200 | 43   | 490115   | 83.169  | ug/l   | 98       |
| 61) Tetrachloroethene         | 11.106 | 164  | 123141   | 18.010  | ug/l   | 89       |
| 62) Toluene                   | 10.635 | 91   | 557825   | 17.835  | ug/l   | 98       |
| 64) Chlorobenzene             | 11.894 | 112  | 337991   | 18.509  | ug/l   | 98       |
| 65) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 136718   | 18.984  | ug/l   | 98       |
| 66) Ethyl Benzene             | 11.970 | 91   | 585834   | 18.585  | ug/l   | 99       |
| 67) m/p-Xylenes               | 12.076 | 106  | 441947   | 36.704  | ug/l   | 99       |
| 68) o-Xylene                  | 12.406 | 106  | 242676   | 19.807  | ug/l   | 95       |
| 69) Styrene                   | 12.417 | 104  | 385878   | 19.575  | ug/l   | 99       |
| 70) Isopropylbenzene          | 12.700 | 105  | 810741   | 26.749  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 273624   | 27.791  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 13.000 | 75   | 320873   | 38.850  | ug/l   | 60       |
| 73) Bromobenzene              | 12.988 | 156  | 193615   | 26.062  | ug/l   | 95       |
| 74) n-propylbenzene           | 13.041 | 91   | 894132   | 26.616  | ug/l   | 100      |
| 75) 2-Chlorotoluene           | 13.129 | 91   | 598232   | 25.786  | ug/l   | 99       |
| 76) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 681468   | 25.183  | ug/l   | 98       |
| 77) t-1,4-Dichloro-2-butene   | 12.741 | 75   | 70933    | 24.573  | ug/l   | 91       |
| 78) 4-Chlorotoluene           | 13.229 | 91   | 554162   | 24.739  | ug/l   | 97       |
| 79) tert-butylbenzene         | 13.441 | 119  | 501717   | 21.541  | ug/l   | 97       |
| 80) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 561547   | 21.727  | ug/l   | 99       |
| 81) sec-Butylbenzene          | 13.623 | 105  | 523719   | 17.543  | ug/l   | 99       |
| 82) p-Isopropyltoluene        | 13.735 | 119  | 419271   | 17.106  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 13.741 | 146  | 226082   | 17.161  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 13.817 | 146  | 198975   | 16.133  | ug/l   | 100      |
| 85) n-Butylbenzene            | 14.064 | 91   | 251581   | 14.802  | ug/l   | 99       |
| 86) Hexachloroethane          | 14.341 | 117  | 75420    | 16.889  | ug/l   | 94       |
| 87) 1,2-Dichlorobenzene       | 14.111 | 146  | 202544   | 16.427  | ug/l   | 95       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 26959    | 16.123  | ug/l   | 98       |
| 89) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 53175    | 15.116  | ug/l   | 99       |
| 90) Hexachlorobutadiene       | 15.505 | 225  | 44620    | 16.650  | ug/l   | 97       |
| 91) Naphthalene               | 15.647 | 128  | 147162   | 13.809  | ug/l   | 98       |
| 92) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 62246    | 15.548  | ug/l   | 97       |

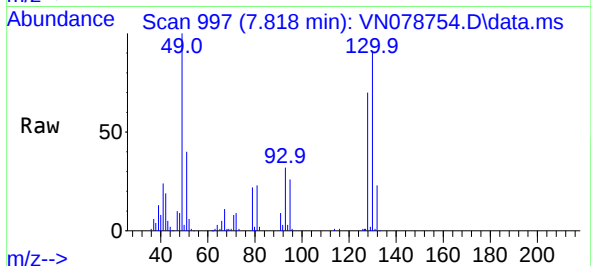
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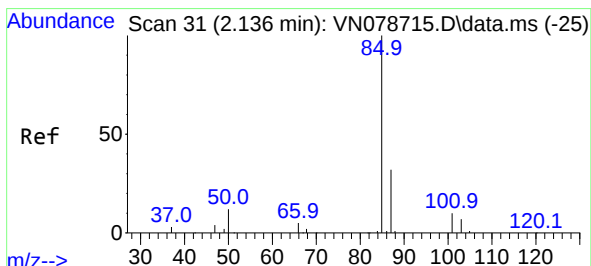
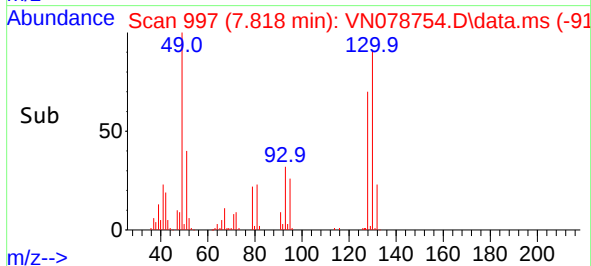
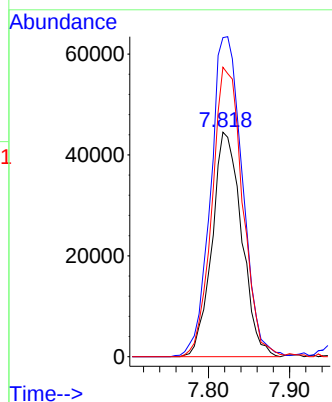


#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.818 min Scan# 99  
Delta R.T. -0.006 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Instrument :  
MSVOA\_N  
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VN0803WBS02

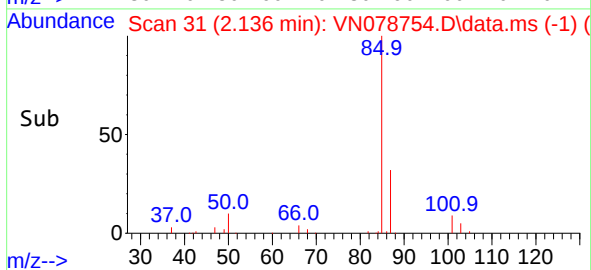
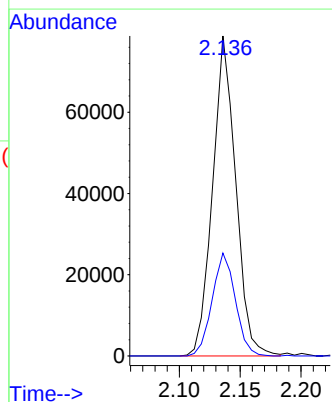
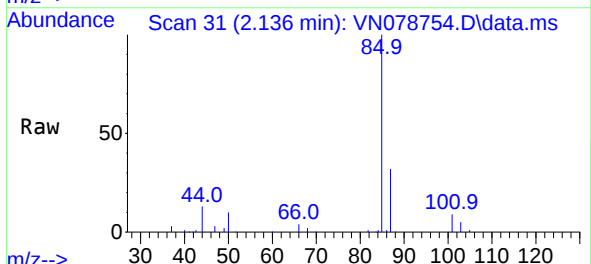


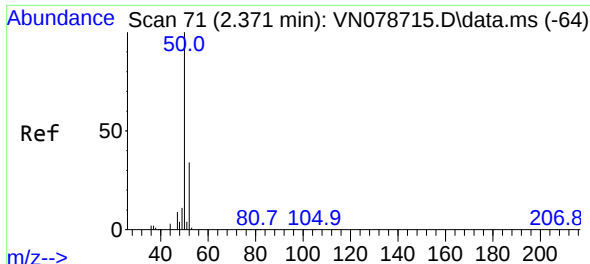
Tgt Ion:128 Resp: 112415  
Ion Ratio Lower Upper  
128 100  
49 153.3 0.0 370.8  
130 133.7 0.0 307.0



#2  
Dichlorodifluoromethane  
Concen: 14.672 ug/l  
RT: 2.136 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 85 Resp: 104038  
Ion Ratio Lower Upper  
85 100  
87 32.2 16.4 49.4

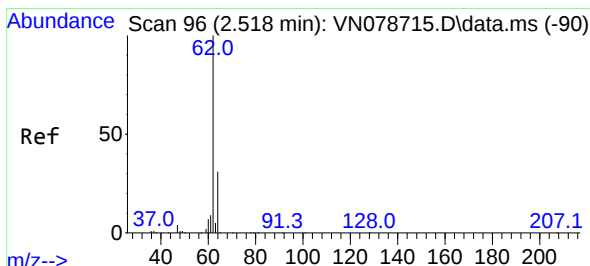
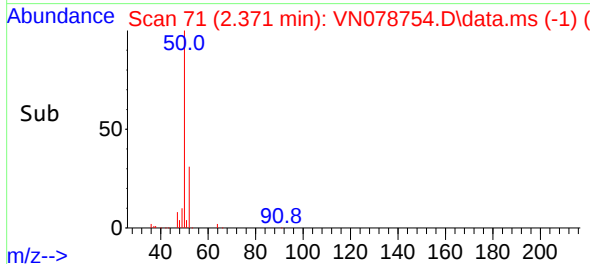
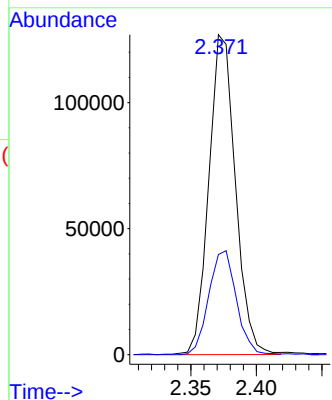
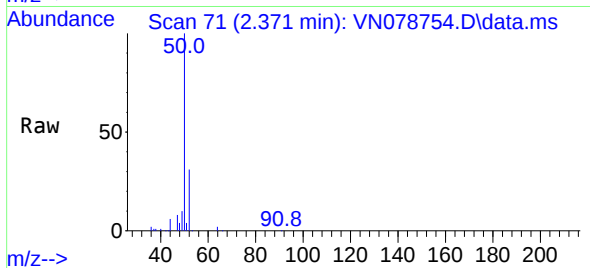




#3  
Chloromethane  
Concen: 20.474 ug/l  
RT: 2.371 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

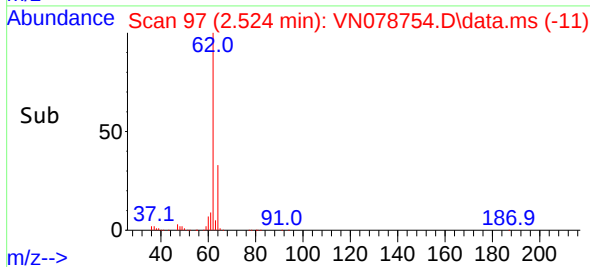
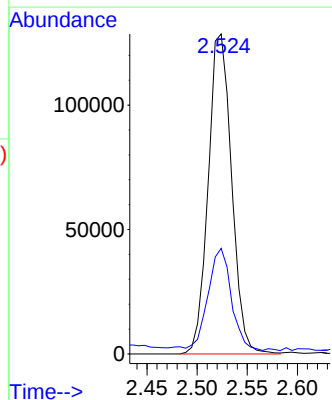
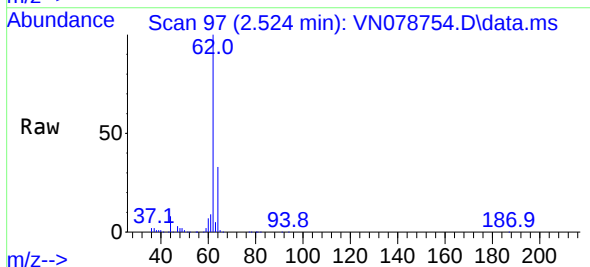
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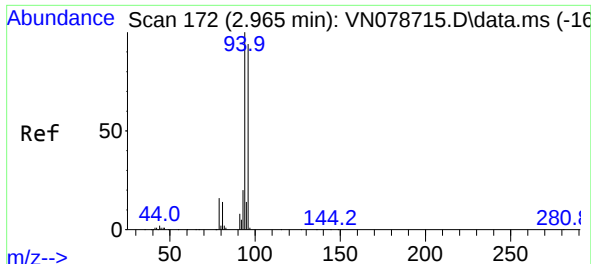
Tgt Ion: 50 Resp: 178700  
Ion Ratio Lower Upper  
50 100  
52 31.4 24.6 36.8



#4  
Vinyl Chloride  
Concen: 17.642 ug/l  
RT: 2.524 min Scan# 97  
Delta R.T. 0.006 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 62 Resp: 209265  
Ion Ratio Lower Upper  
62 100  
64 31.9 23.3 34.9

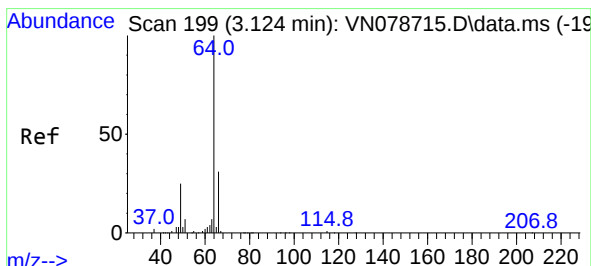
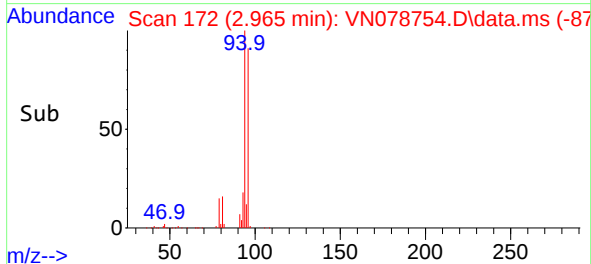
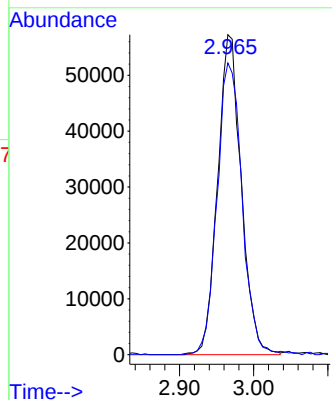
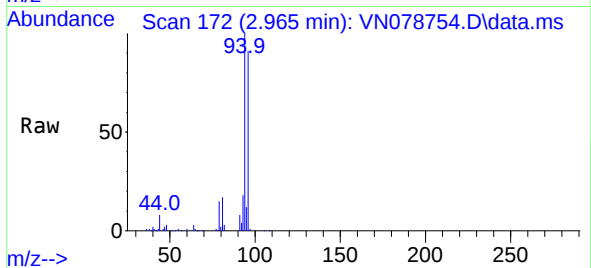




#5  
Bromomethane  
Concen: 14.321 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

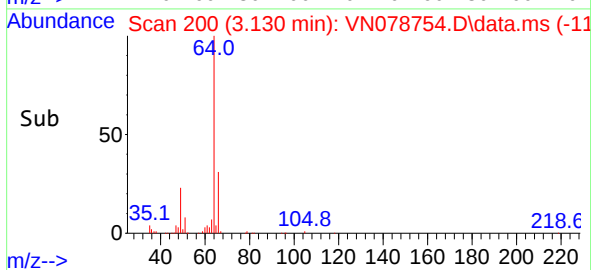
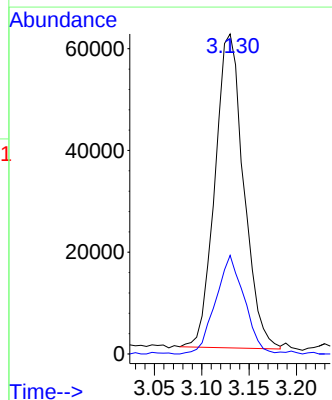
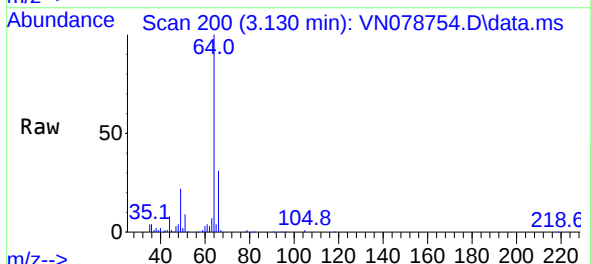
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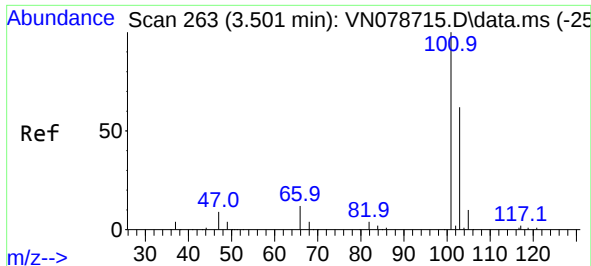
Tgt Ion: 94 Resp: 126980  
Ion Ratio Lower Upper  
94 100  
96 91.1 73.9 110.9



#6  
Chloroethane  
Concen: 16.837 ug/l  
RT: 3.130 min Scan# 200  
Delta R.T. 0.006 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 64 Resp: 130065  
Ion Ratio Lower Upper  
64 100  
66 31.5 25.7 38.5

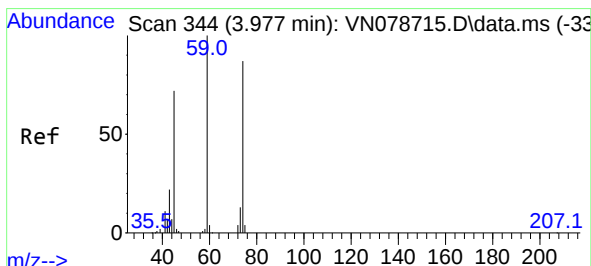
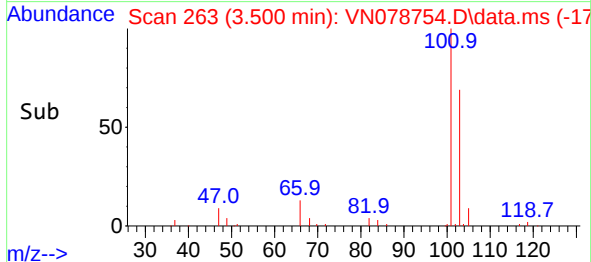
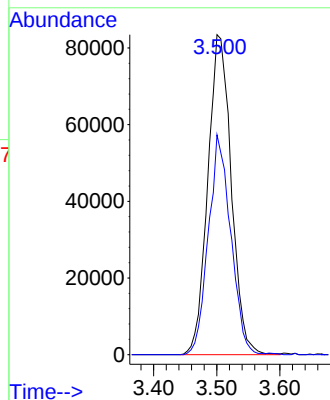
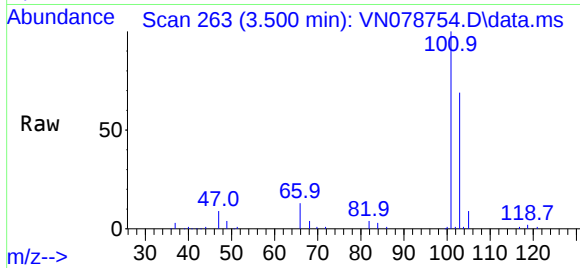




#7  
Trichlorofluoromethane  
Concen: 17.681 ug/l  
RT: 3.500 min Scan# 215132  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

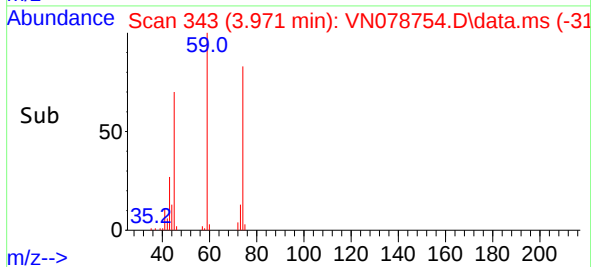
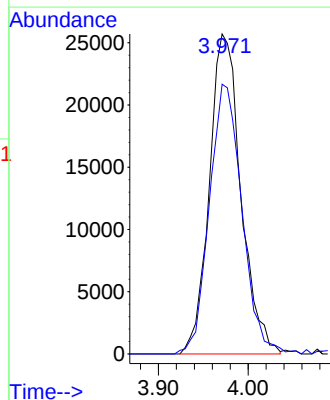
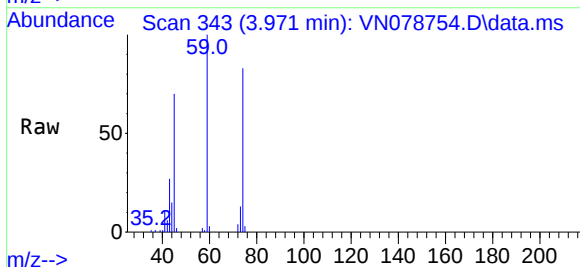
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

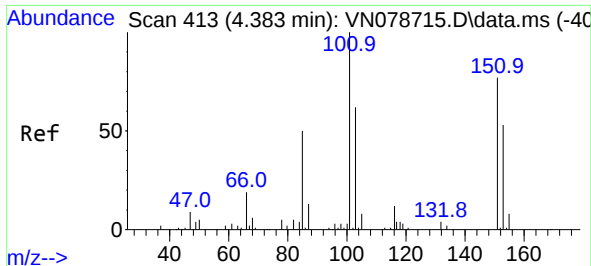
Tgt Ion:101 Resp: 215132  
Ion Ratio Lower Upper  
101 100  
103 68.7 50.4 75.6



#8  
Diethyl Ether  
Concen: 15.793 ug/l  
RT: 3.971 min Scan# 343  
Delta R.T. -0.006 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 74 Resp: 62735  
Ion Ratio Lower Upper  
74 100  
45 86.8 16.3 146.5

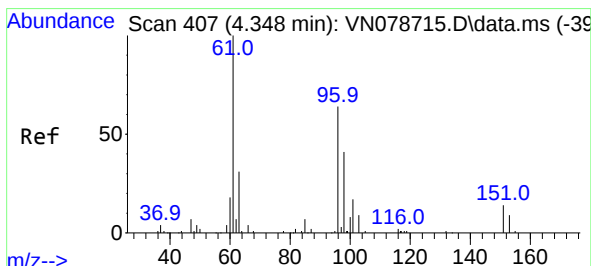
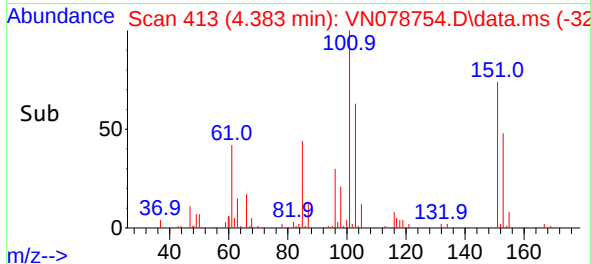
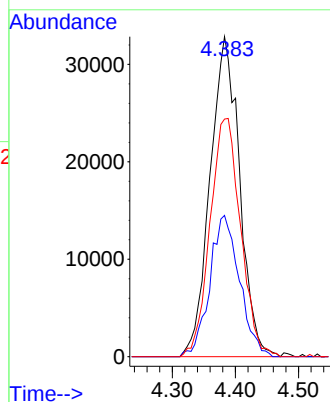
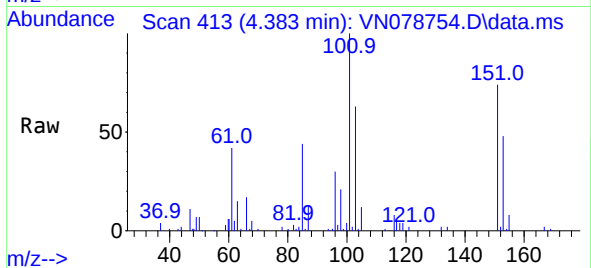




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 16.329 ug/l  
RT: 4.383 min Scan# 413  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

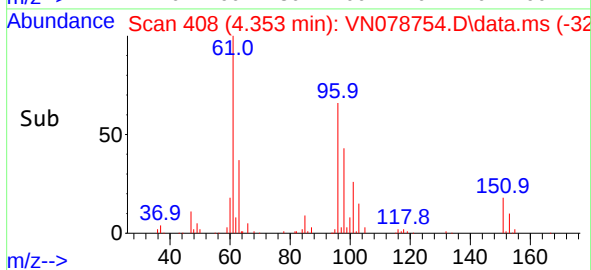
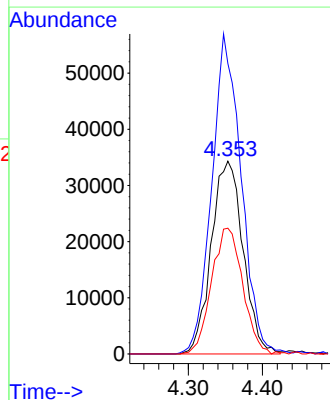
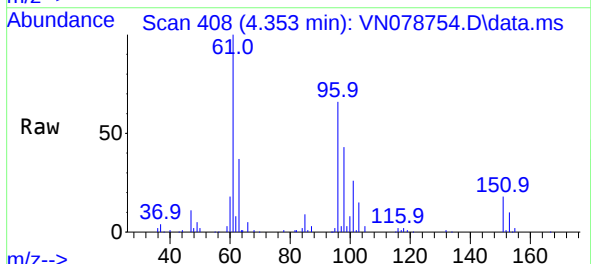
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

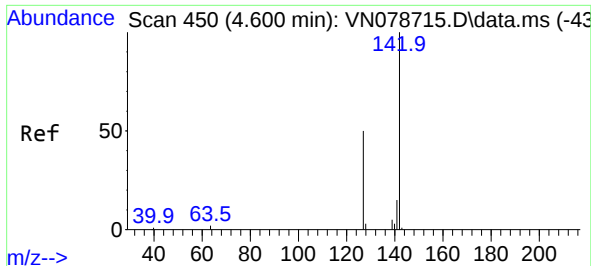
Tgt Ion:101 Resp: 106650  
Ion Ratio Lower Upper  
101 100  
85 43.9 0.0 89.2  
151 76.3 0.0 148.8



#10  
1,1-Dichloroethene  
Concen: 16.334 ug/l  
RT: 4.353 min Scan# 408  
Delta R.T. 0.006 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 96 Resp: 102299  
Ion Ratio Lower Upper  
96 100  
61 149.9 123.4 185.2  
98 65.2 53.7 80.5

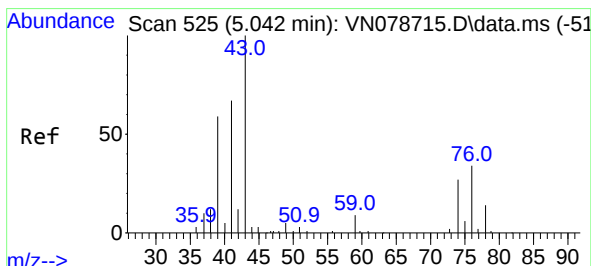
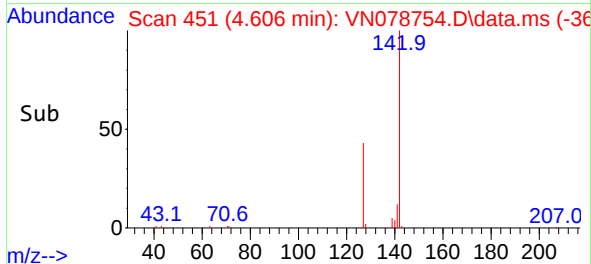
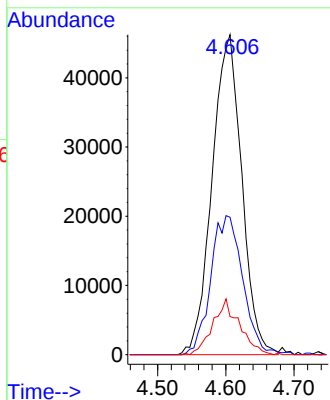
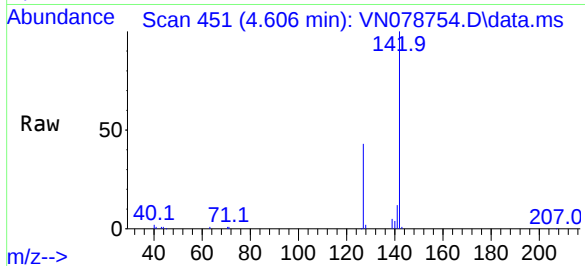




#11  
Methyl Iodide  
Concen: 15.919 ug/l  
RT: 4.606 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

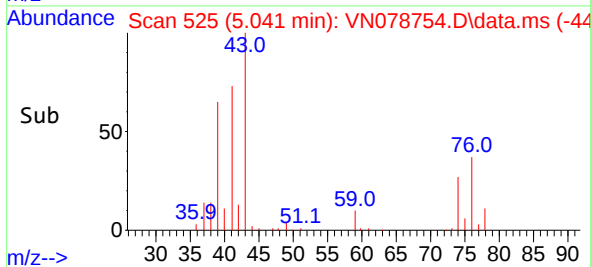
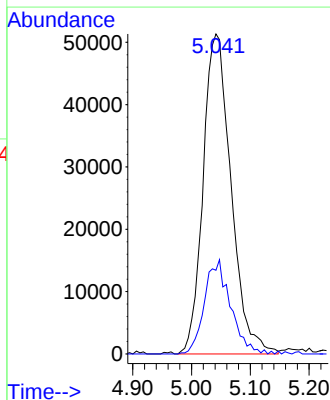
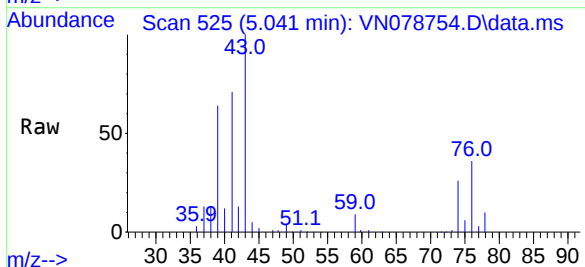
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

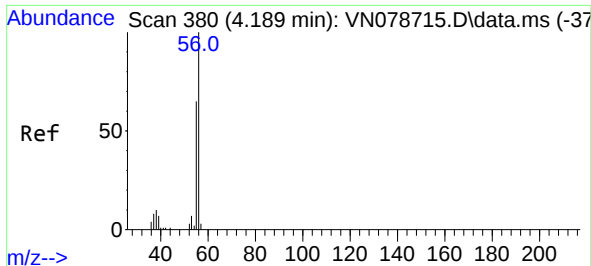
Tgt Ion:142 Resp: 140143  
Ion Ratio Lower Upper  
142 100  
127 42.7 23.2 69.5  
141 11.3 7.2 21.7



#12  
Methyl Acetate  
Concen: 16.699 ug/l  
RT: 5.041 min Scan# 525  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 43 Resp: 169638  
Ion Ratio Lower Upper  
43 100  
74 25.8 20.5 30.7

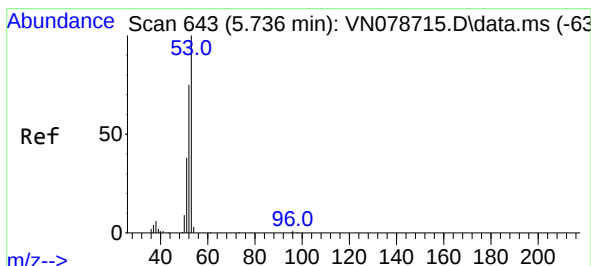
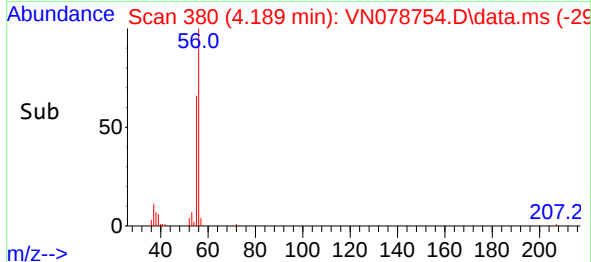
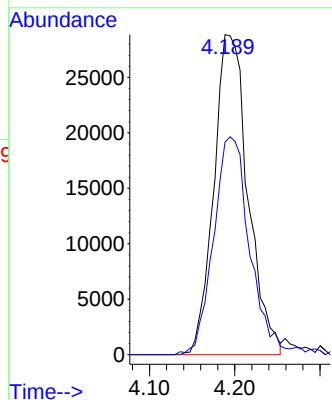
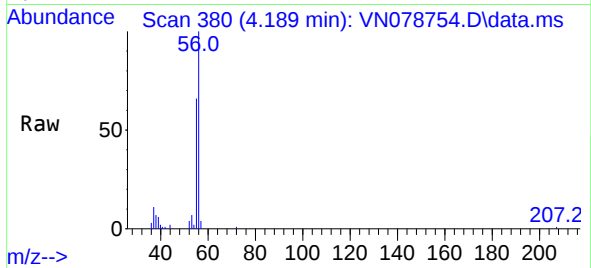




#13  
Acrolein  
Concen: 74.295 ug/l  
RT: 4.189 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

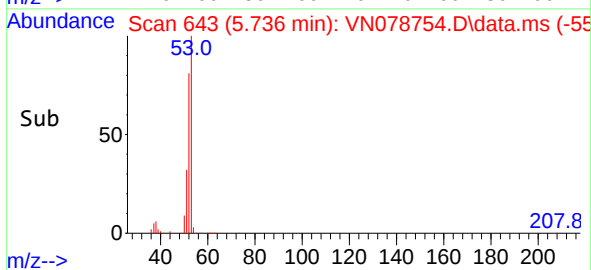
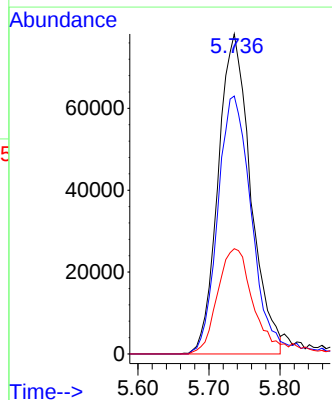
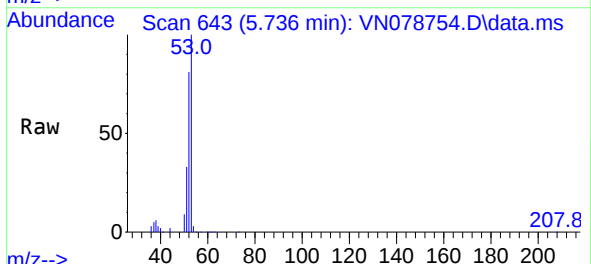
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

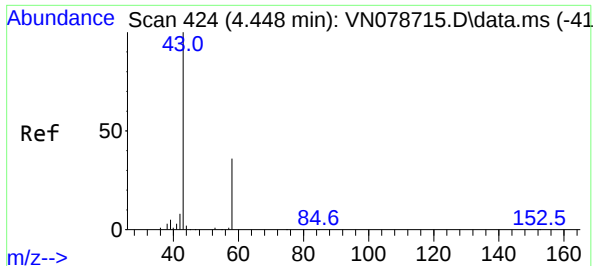
Tgt Ion: 56 Resp: 80369  
Ion Ratio Lower Upper  
56 100  
55 71.5 59.0 88.4



#14  
Acrylonitrile  
Concen: 83.610 ug/l  
RT: 5.736 min Scan# 643  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 53 Resp: 248708  
Ion Ratio Lower Upper  
53 100  
52 83.4 42.3 126.9  
51 36.0 18.4 55.4

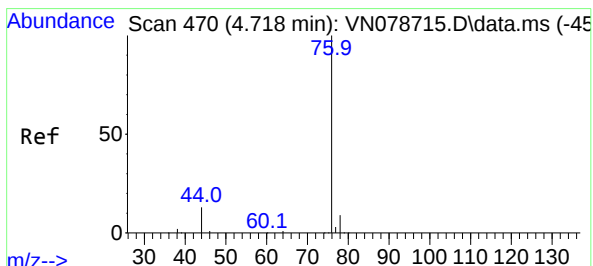
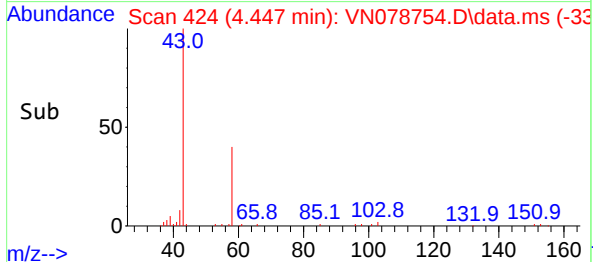
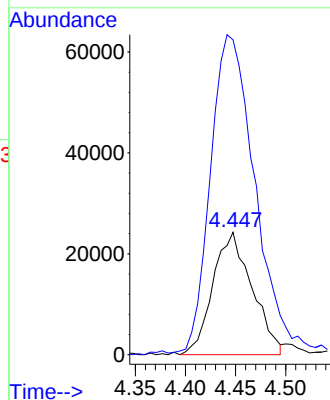
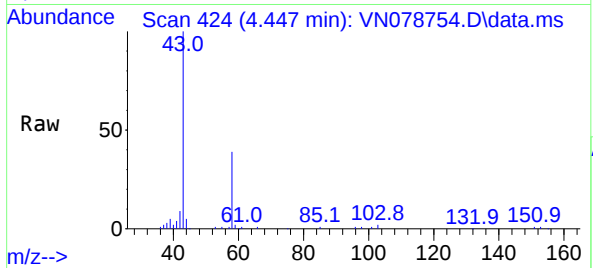




#15  
Acetone  
Concen: 76.656 ug/l  
RT: 4.447 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

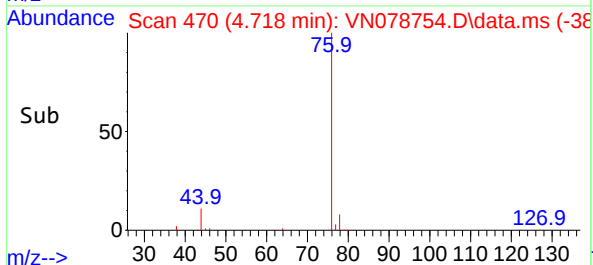
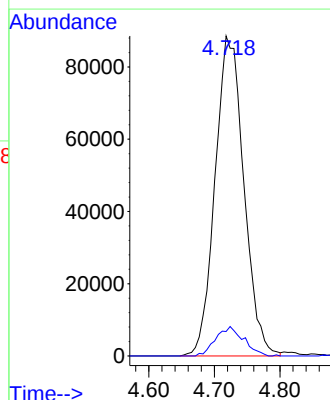
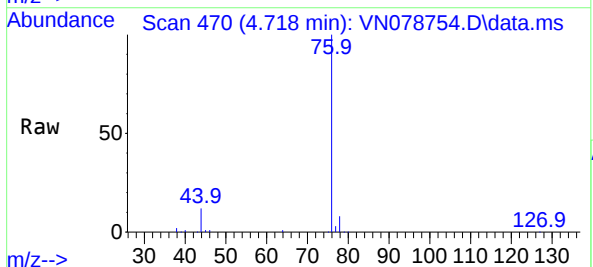
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

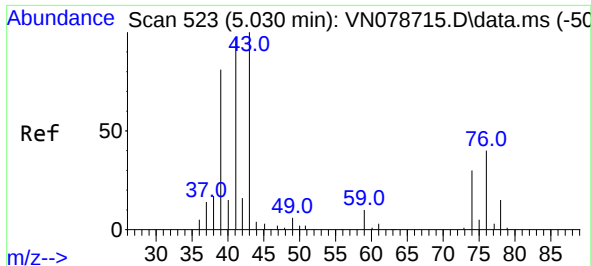
Tgt Ion: 58 Resp: 66066  
Ion Ratio Lower Upper  
58 100  
43 254.1 227.5 341.3



#16  
Carbon Disulfide  
Concen: 15.244 ug/l  
RT: 4.718 min Scan# 470  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 76 Resp: 269687  
Ion Ratio Lower Upper  
76 100  
78 7.6 7.7 11.5#





#17

Allyl chloride

Concen: 15.559 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN078754.D

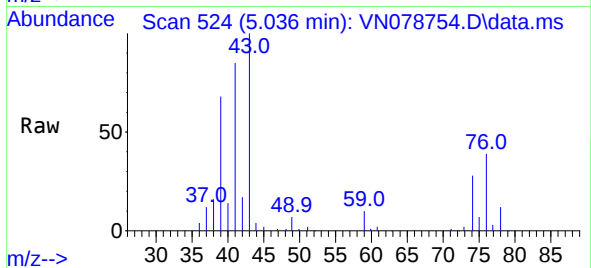
Acq: 03 Aug 2023 15:43

Instrument :

MSVOA\_N

ClientSampleId :

VN0803WBS02



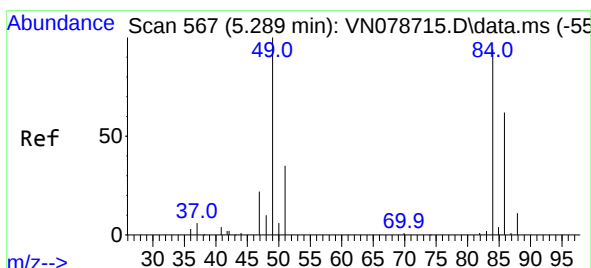
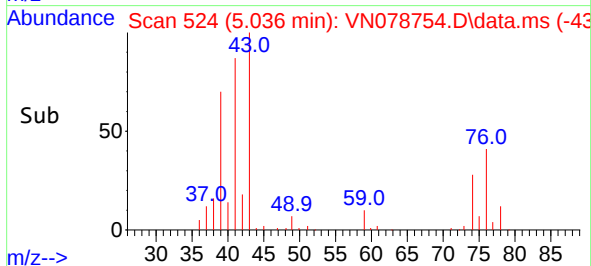
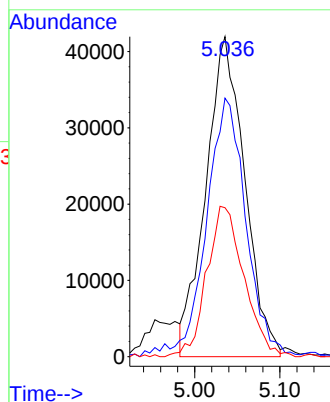
Tgt Ion: 41 Resp: 133049

Ion Ratio Lower Upper

41 100

39 78.9 37.6 112.8

76 46.6 23.8 71.4



#18

Methylene Chloride

Concen: 16.859 ug/l

RT: 5.294 min Scan# 568

Delta R.T. 0.006 min

Lab File: VN078754.D

Acq: 03 Aug 2023 15:43

Tgt Ion: 84 Resp: 126676

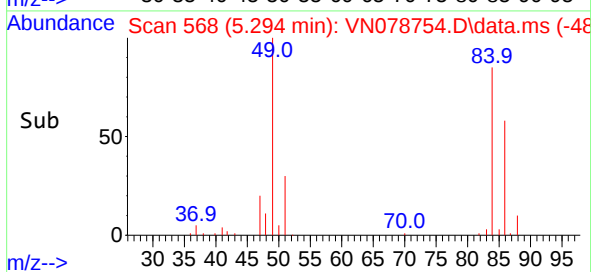
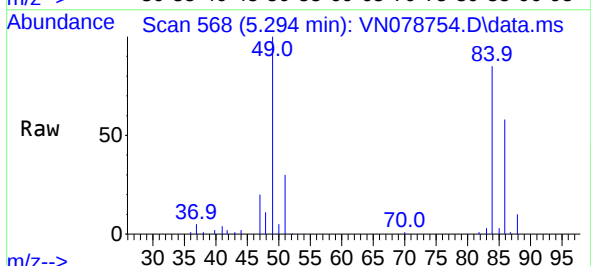
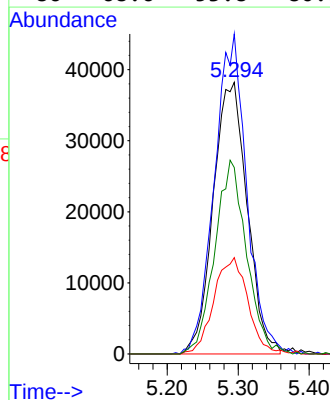
Ion Ratio Lower Upper

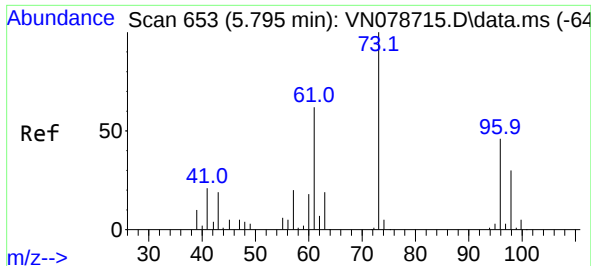
84 100

49 117.8 88.1 132.1

51 35.5 24.0 36.0

86 68.6 53.8 80.8





#19

trans-1,2-Dichloroethene

Concen: 15.813 ug/l

RT: 5.794 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN078754.D

Acq: 03 Aug 2023 15:43

Instrument :

MSVOA\_N

ClientSampleId :

VN0803WBS02

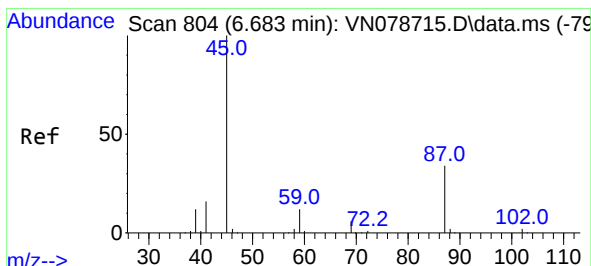
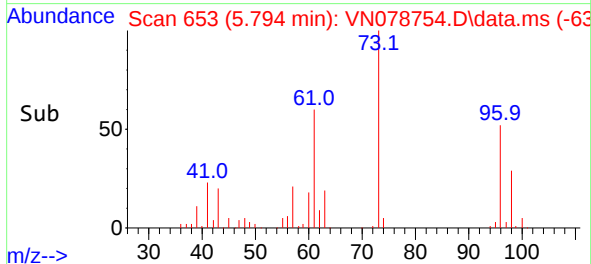
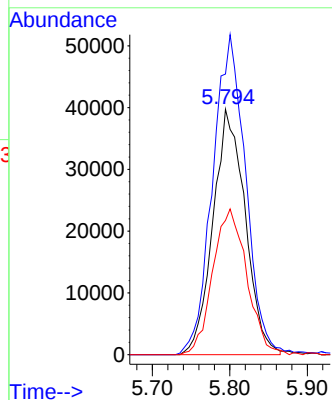
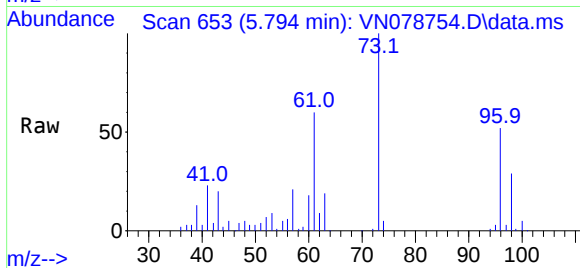
Tgt Ion: 96 Resp: 114507

Ion Ratio Lower Upper

96 100

61 113.1 105.2 157.8

98 54.6 50.5 75.7



#20

Diisopropyl ether

Concen: 21.633 ug/l

RT: 6.677 min Scan# 803

Delta R.T. -0.006 min

Lab File: VN078754.D

Acq: 03 Aug 2023 15:43

Tgt Ion: 45 Resp: 416530

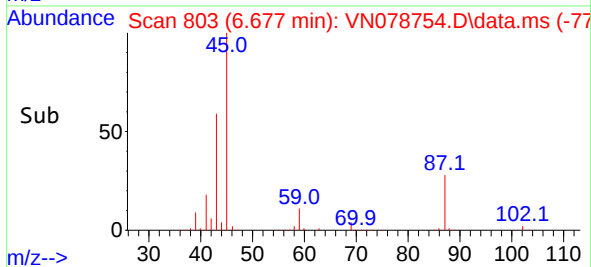
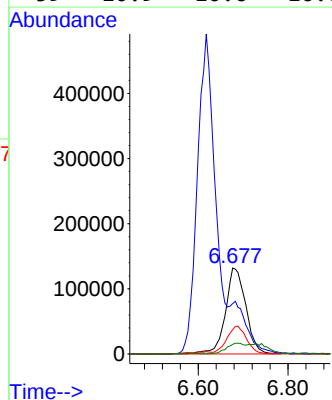
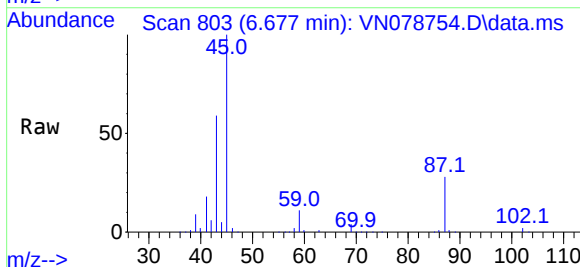
Ion Ratio Lower Upper

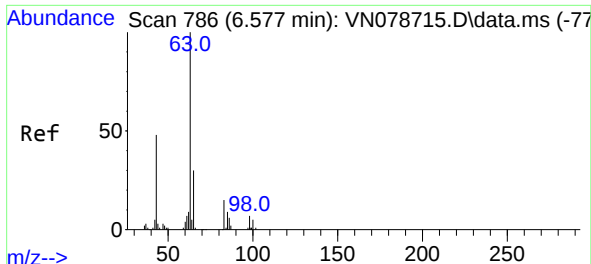
45 100

43 57.3 43.6 65.4

87 28.4 25.8 38.6

59 10.9 10.6 16.0

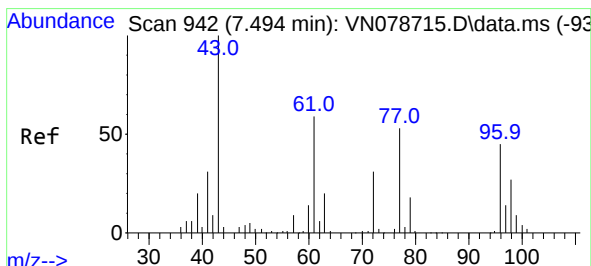
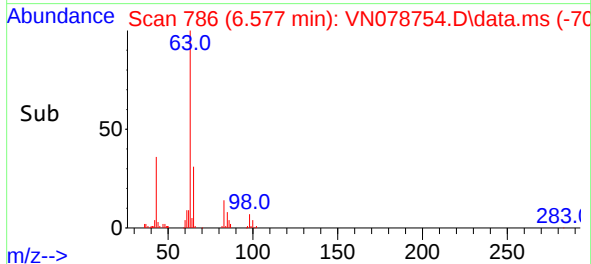
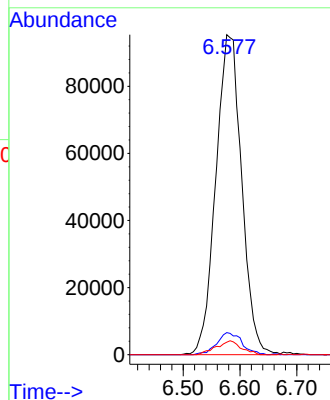
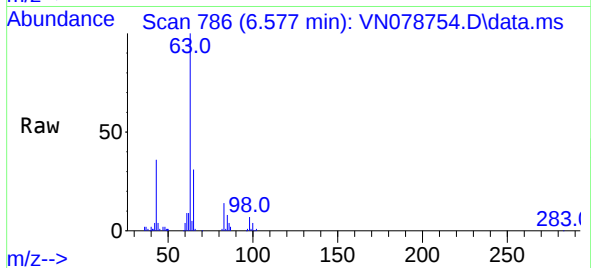




#21  
1,1-Dichloroethane  
Concen: 23.618 ug/l  
RT: 6.577 min Scan# 786  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

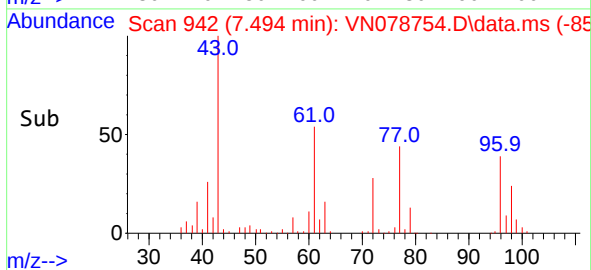
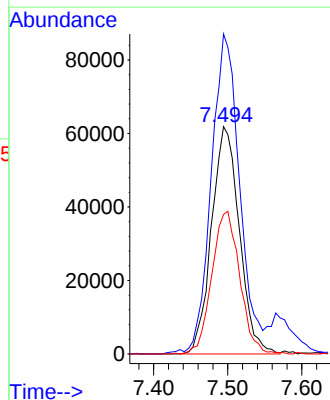
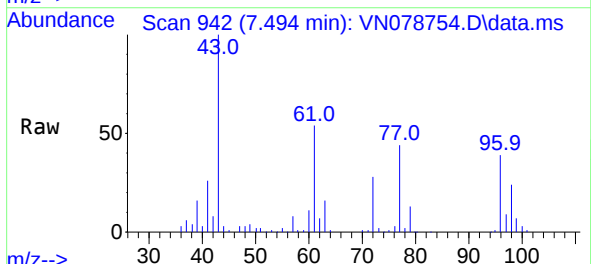
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

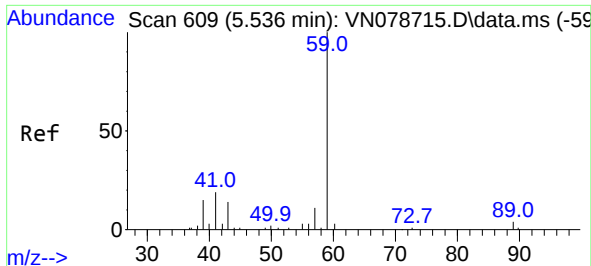
Tgt Ion: 63 Resp: 301112  
Ion Ratio Lower Upper  
63 100  
98 6.9 2.7 8.1  
100 3.9 2.5 7.4



#22  
cis-1,2-Dichloroethene  
Concen: 19.855 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 96 Resp: 161467  
Ion Ratio Lower Upper  
96 100  
61 142.5 113.8 170.6  
98 62.7 52.2 78.4

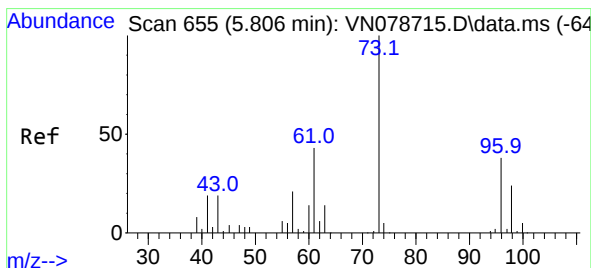
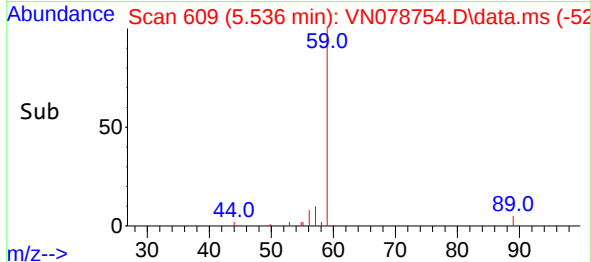
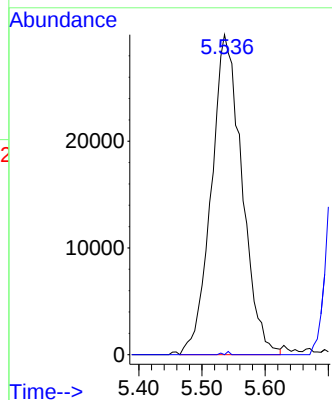
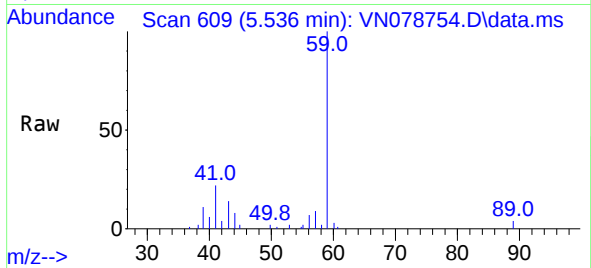




#23  
tert-Butyl Alcohol  
Concen: 83.205 ug/l  
RT: 5.536 min Scan# 609  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

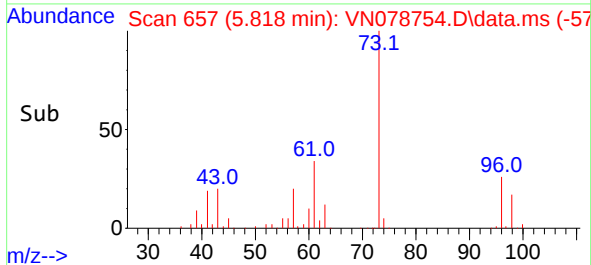
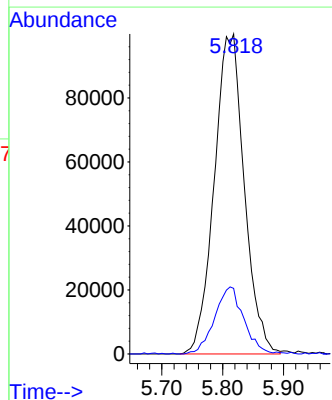
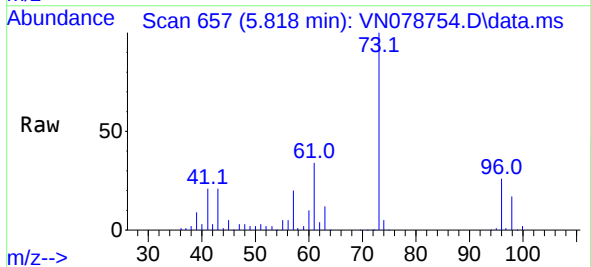
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

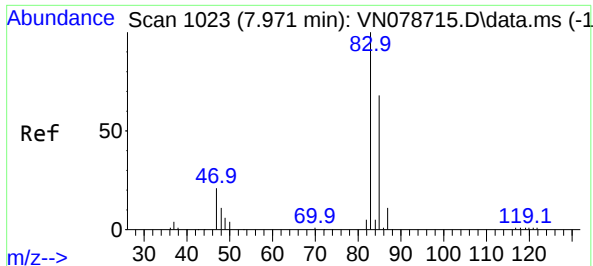
Tgt Ion: 59 Resp: 101137  
Ion Ratio Lower Upper  
59 100  
52 0.1 0.1 0.1



#24  
Methyl tert-Butyl Ether  
Concen: 16.294 ug/l  
RT: 5.818 min Scan# 657  
Delta R.T. 0.012 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 73 Resp: 343154  
Ion Ratio Lower Upper  
73 100  
43 20.2 14.5 21.7

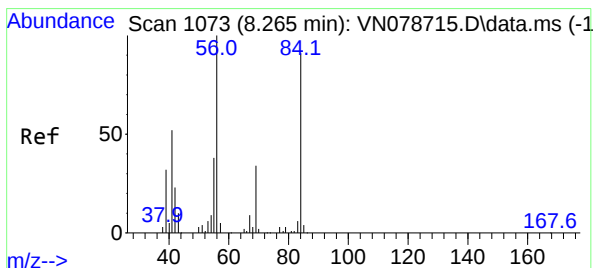
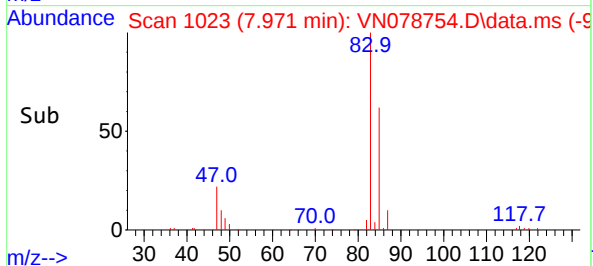
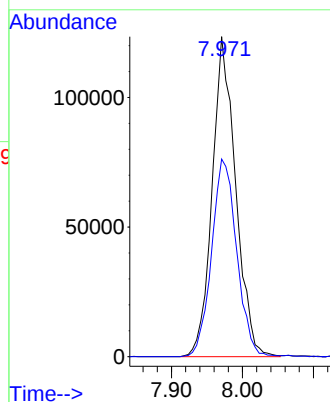
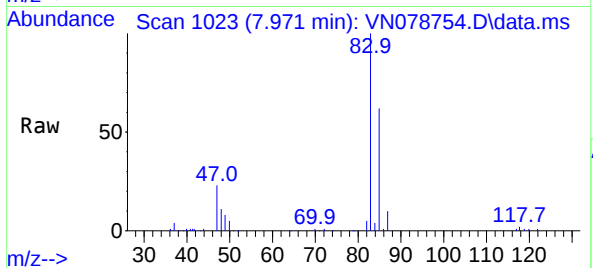




#25  
Chloroform  
Concen: 20.967 ug/l  
RT: 7.971 min Scan# 1023  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

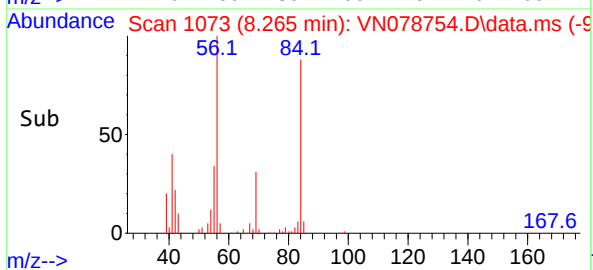
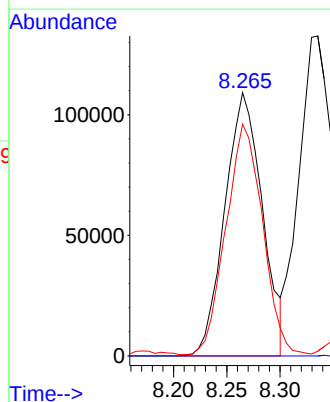
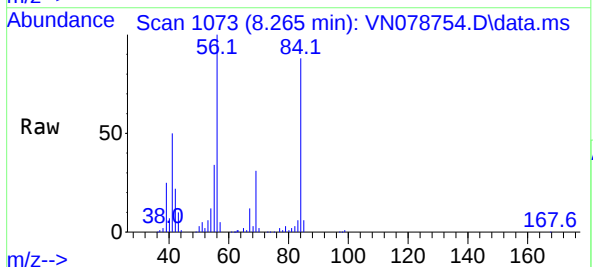
Instrument :  
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ClientSampleId :  
VN0803WBS02

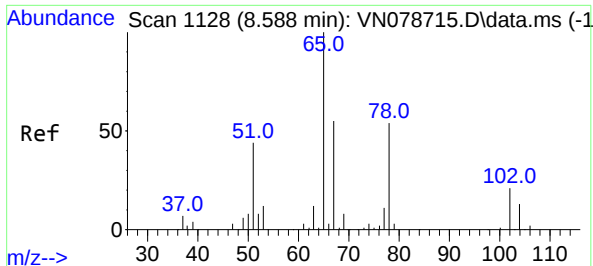
Tgt Ion: 83 Resp: 283006  
Ion Ratio Lower Upper  
83 100  
85 61.8 53.4 80.0



#26  
Cyclohexane  
Concen: 28.459 ug/l  
RT: 8.265 min Scan# 1073  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 56 Resp: 267268  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 87.0 74.2 111.4

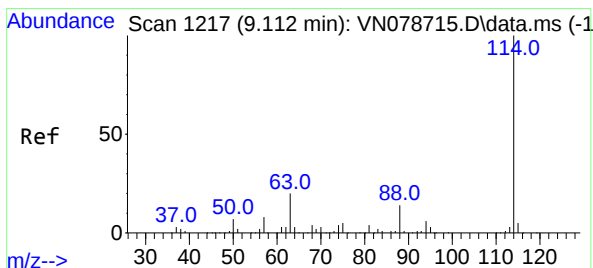
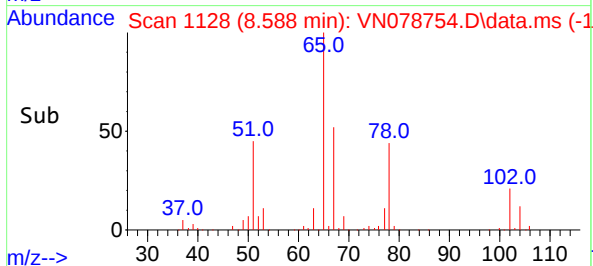
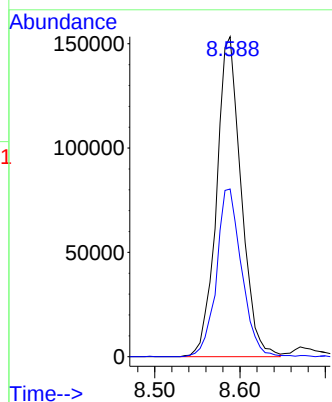
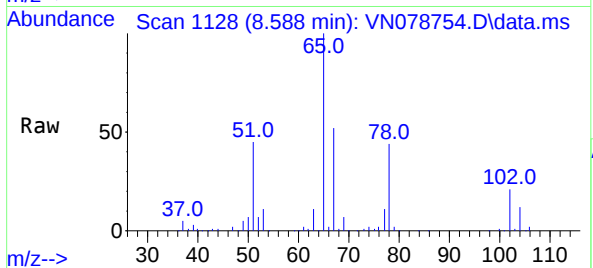




#27  
1,2-Dichloroethane-d4  
Concen: 36.550 ug/l  
RT: 8.588 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

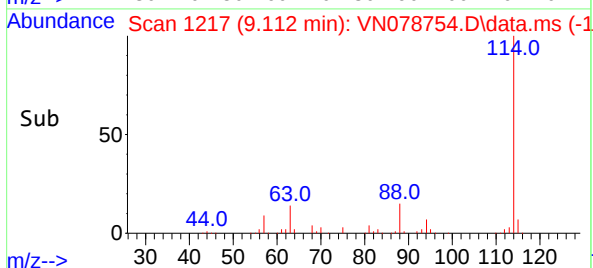
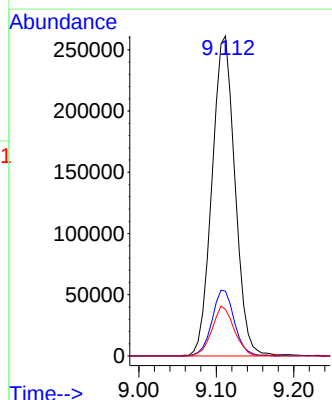
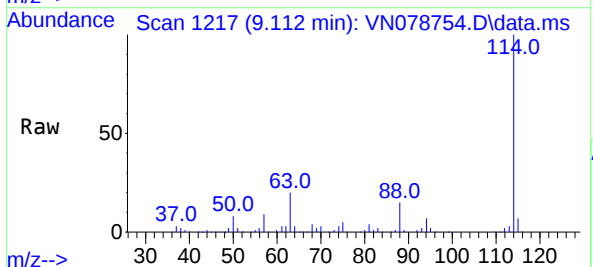
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

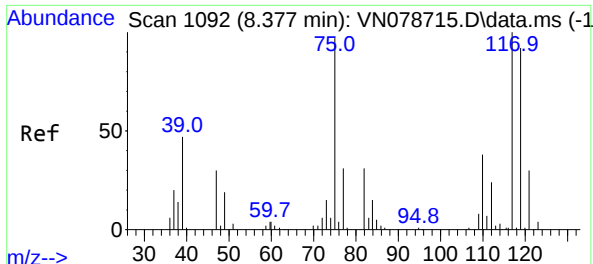
Tgt Ion: 65 Resp: 307989  
Ion Ratio Lower Upper  
65 100  
67 53.3 42.9 64.3



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 9.112 min Scan# 1217  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 114 Resp: 537605  
Ion Ratio Lower Upper  
114 100  
63 20.0 15.2 22.8  
88 15.0 12.5 18.7

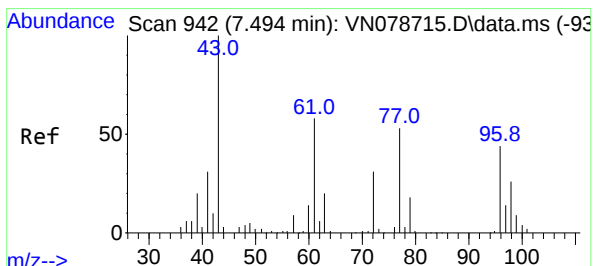
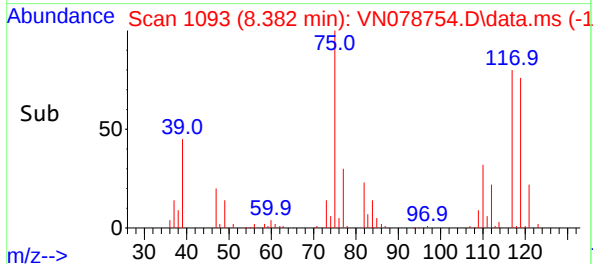
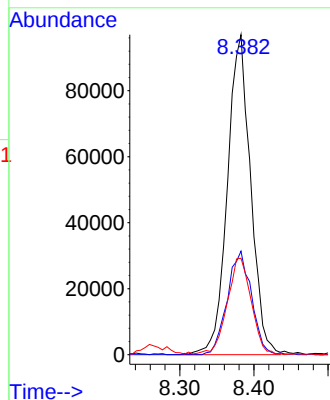
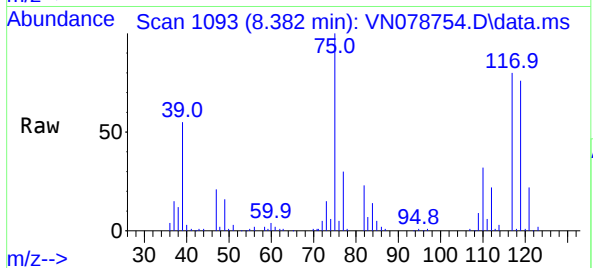




#29  
1,1-Dichloropropene  
Concen: 26.664 ug/l  
RT: 8.382 min Scan# 110  
Delta R.T. 0.006 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

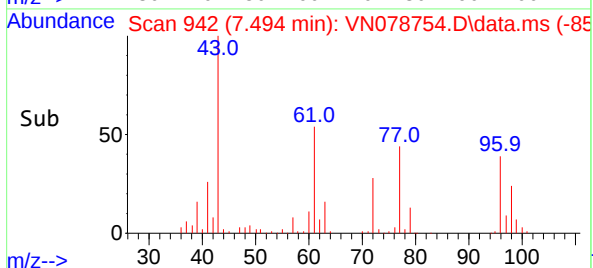
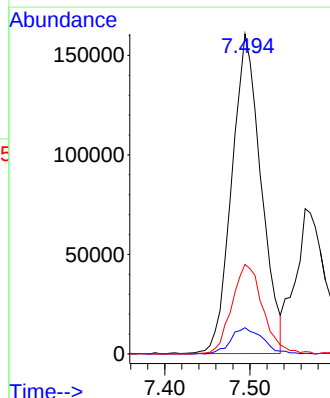
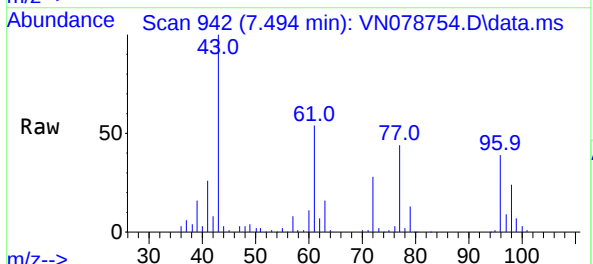
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

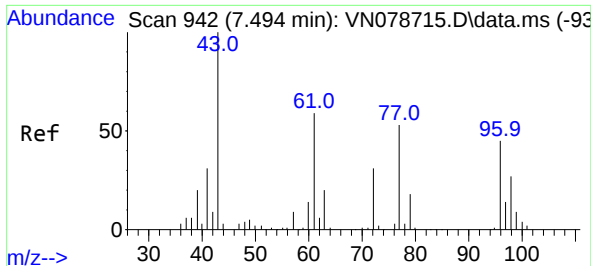
Tgt Ion: 75 Resp: 210927  
Ion Ratio Lower Upper  
75 100  
110 33.5 0.0 72.2  
77 30.7 0.0 62.8



#30  
2-Butanone  
Concen: 122.641 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 43 Resp: 383507  
Ion Ratio Lower Upper  
43 100  
57 8.7 6.8 10.2  
72 29.6 23.8 35.6

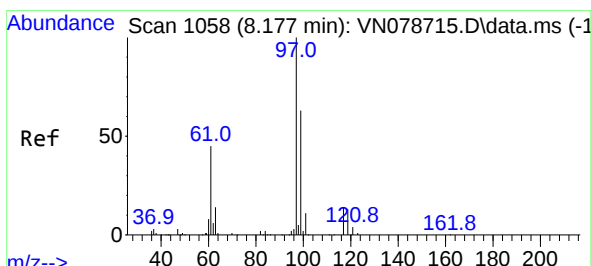
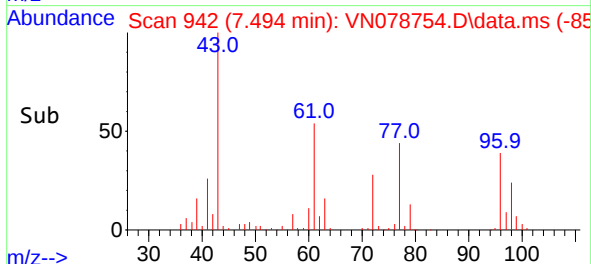
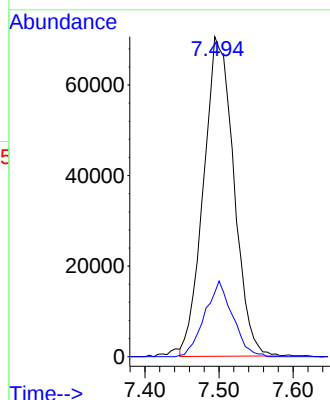
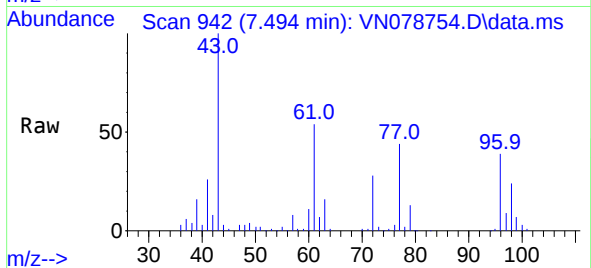




#31  
2,2-Dichloropropane  
Concen: 22.084 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

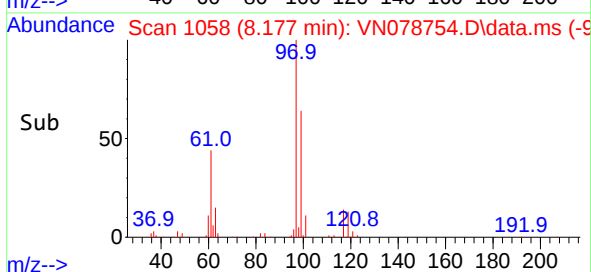
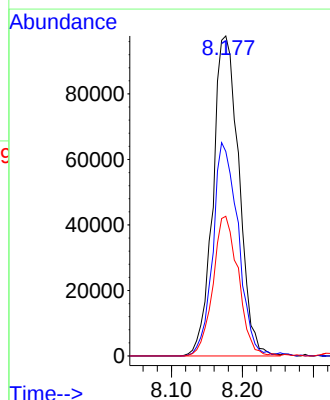
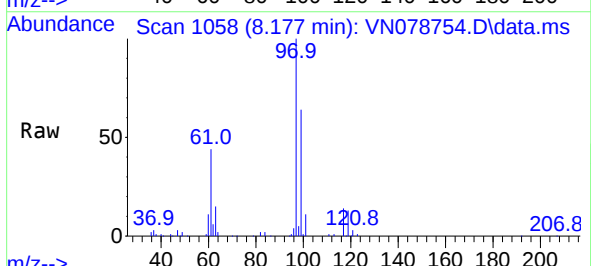
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

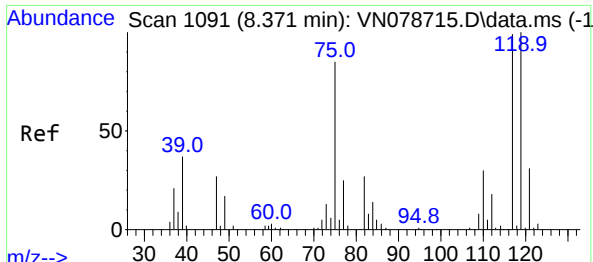
Tgt Ion: 77 Resp: 200464  
Ion Ratio Lower Upper  
77 100  
97 21.8 18.8 28.2



#32  
1,1,1-Trichloroethane  
Concen: 24.749 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 97 Resp: 247697  
Ion Ratio Lower Upper  
97 100  
99 64.6 51.3 76.9  
61 42.5 34.6 52.0

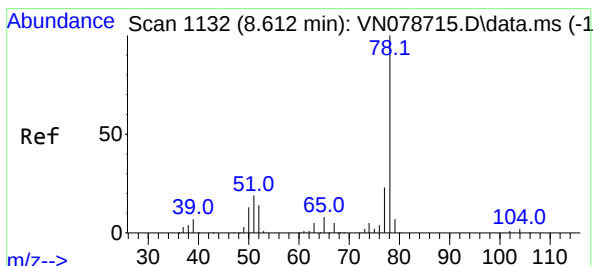
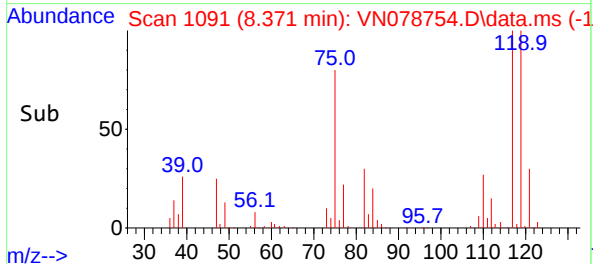
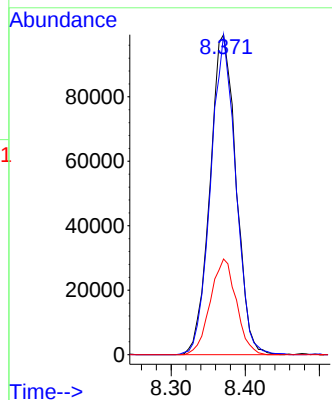
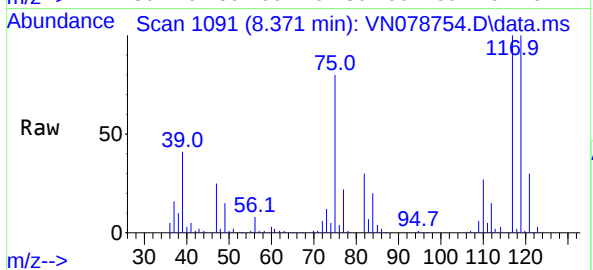




#33  
Carbon Tetrachloride  
Concen: 27.239 ug/l  
RT: 8.371 min Scan# 1109  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

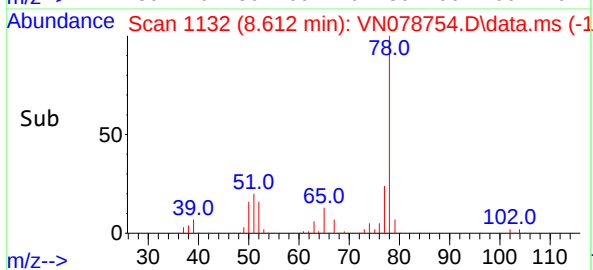
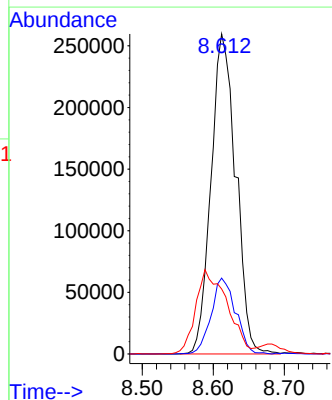
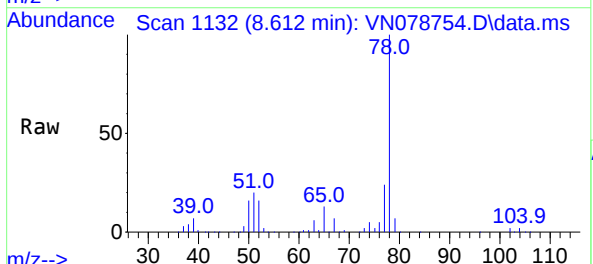
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

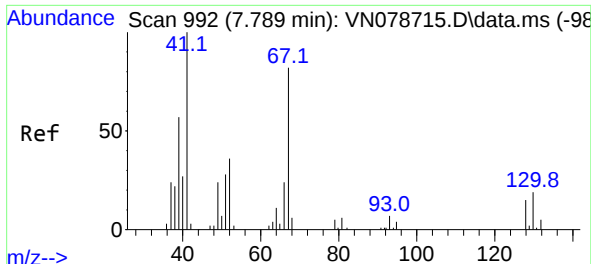
Tgt Ion:117 Resp: 242129  
Ion Ratio Lower Upper  
117 100  
119 99.7 81.4 122.0  
121 29.9 23.6 35.4



#34  
Benzene  
Concen: 26.471 ug/l  
RT: 8.612 min Scan# 1132  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 78 Resp: 629003  
Ion Ratio Lower Upper  
78 100  
77 23.6 18.3 27.5  
51 19.3 13.7 20.5



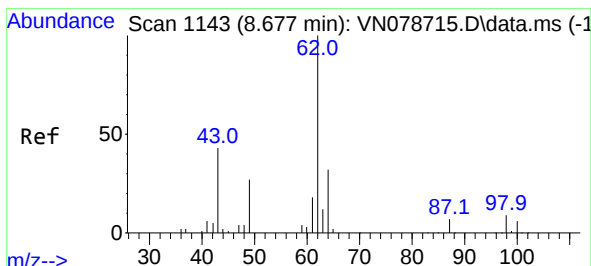
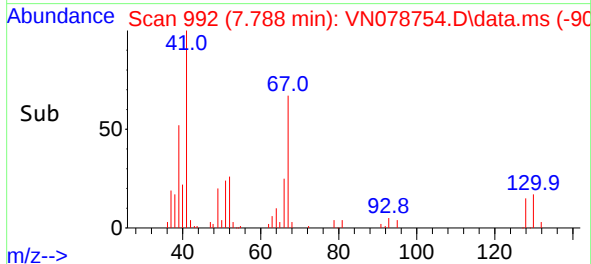
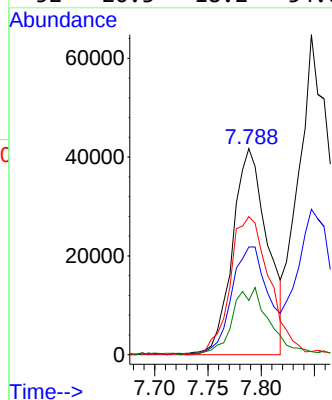
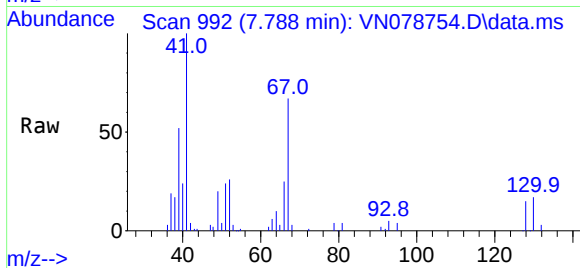


#35  
Methacrylonitrile  
Concen: 27.644 ug/l  
RT: 7.788 min Scan# 992  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

Tgt Ion: 41 Resp: 94927

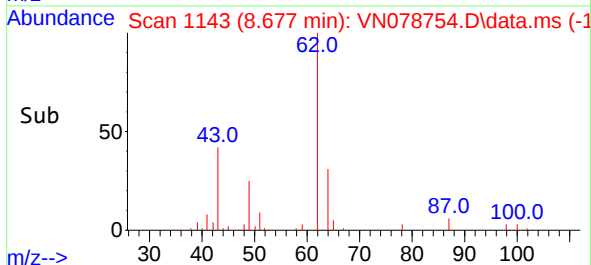
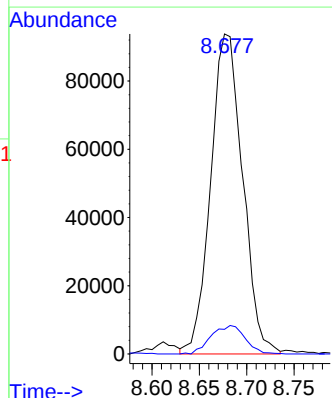
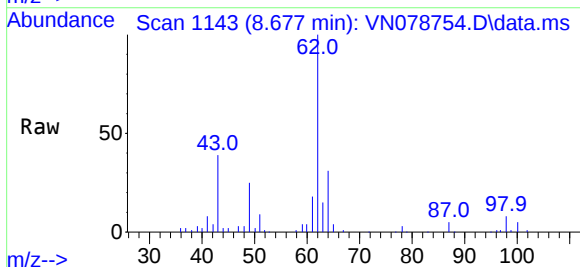
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 51.5  | 33.9  | 101.6 |
| 67  | 67.0  | 45.9  | 137.6 |
| 52  | 26.3  | 18.2  | 54.6  |

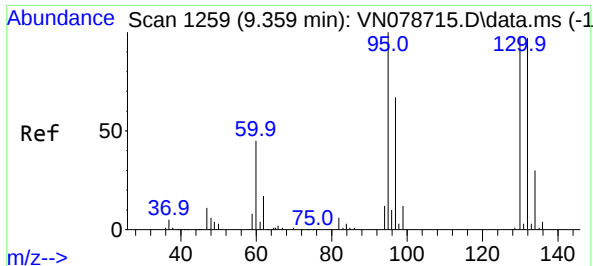


#36  
1,2-Dichloroethane  
Concen: 26.346 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 62 Resp: 219864

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.5   | 7.4   | 11.0  |

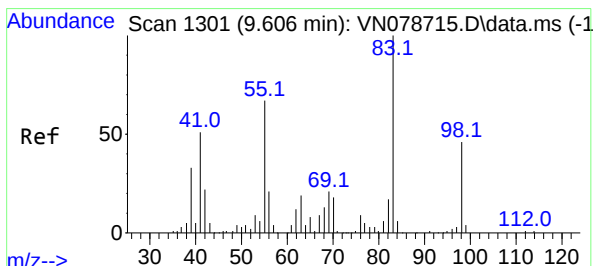
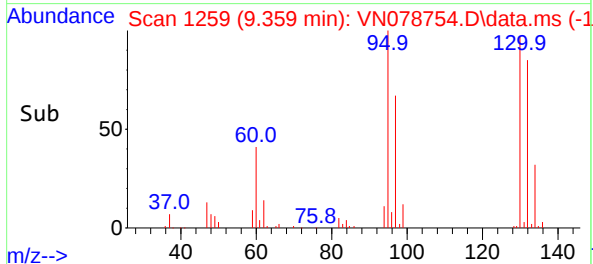
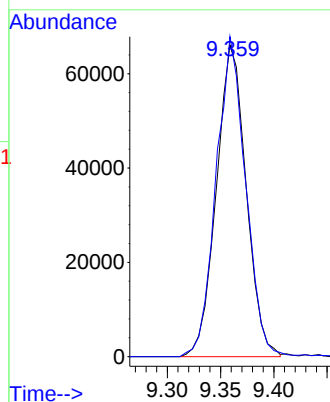
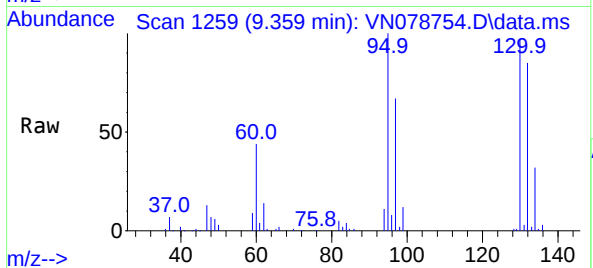




#37  
Trichloroethene  
Concen: 19.262 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

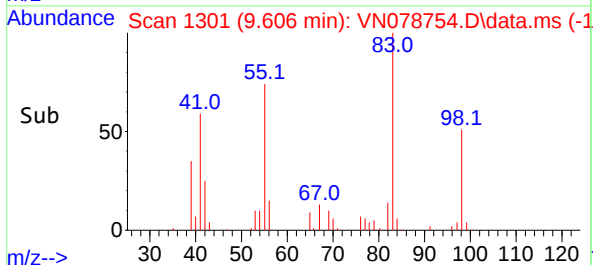
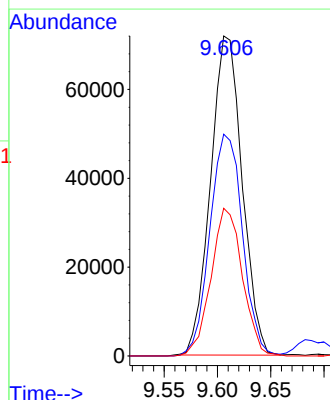
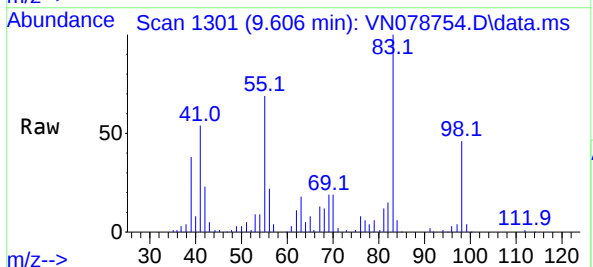
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

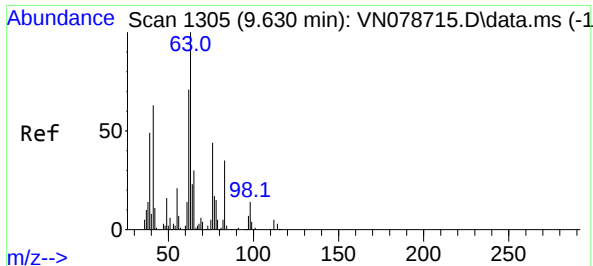
Tgt Ion:130 Resp: 128444  
Ion Ratio Lower Upper  
130 100  
95 102.7 78.2 117.4



#38  
Methylcyclohexane  
Concen: 18.251 ug/l  
RT: 9.606 min Scan# 1301  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 83 Resp: 148337  
Ion Ratio Lower Upper  
83 100  
55 71.6 34.0 102.0  
98 46.0 23.0 69.0

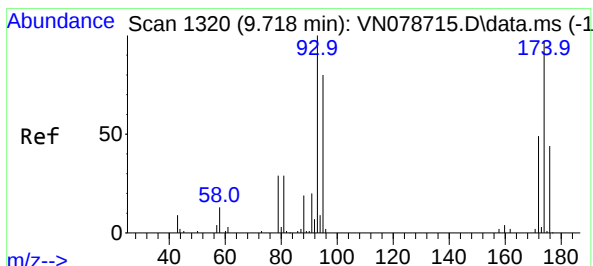
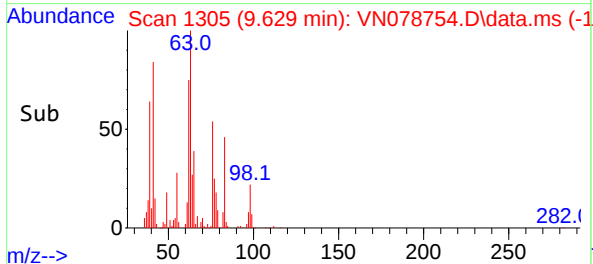
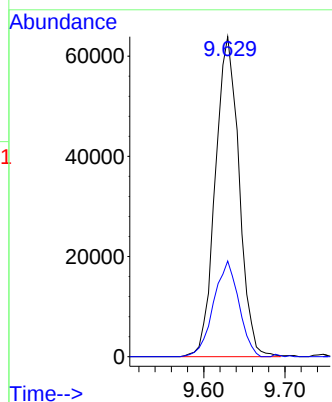
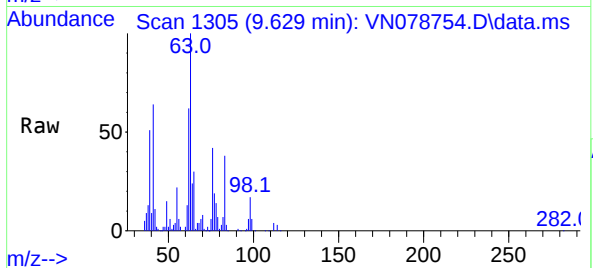




#39  
1,2-Dichloropropane  
Concen: 20.433 ug/l  
RT: 9.629 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

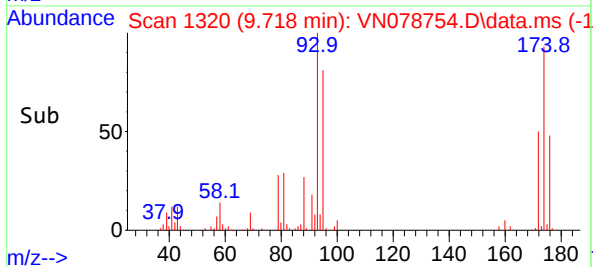
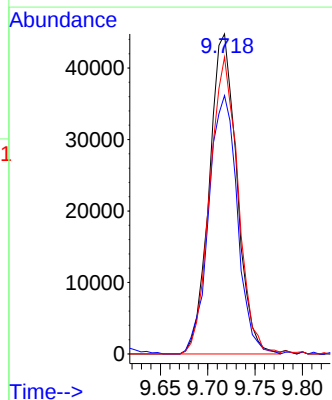
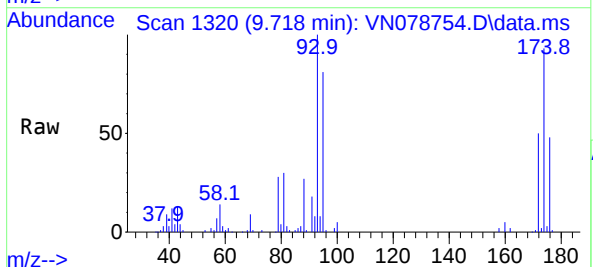
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

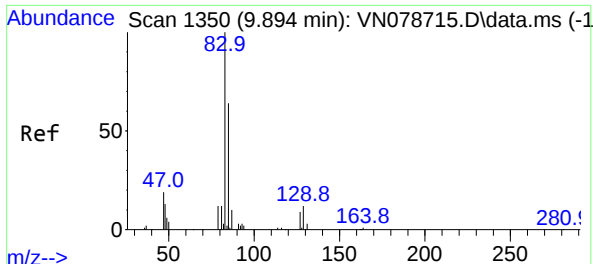
Tgt Ion: 63 Resp: 130161  
Ion Ratio Lower Upper  
63 100  
65 29.9 27.4 41.2



#40  
Dibromomethane  
Concen: 20.508 ug/l  
RT: 9.718 min Scan# 1320  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 93 Resp: 90419  
Ion Ratio Lower Upper  
93 100  
95 83.9 0.0 167.8  
174 94.5 0.0 180.8

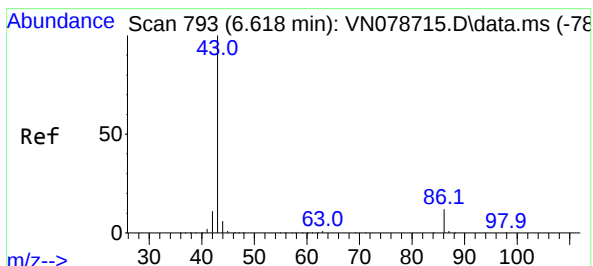
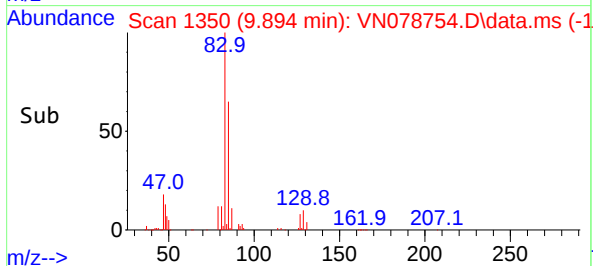
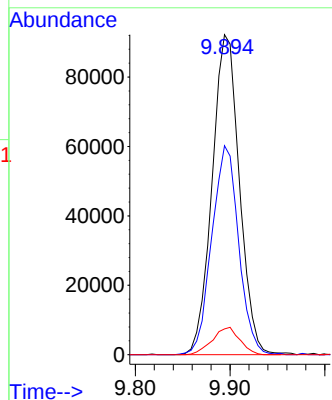
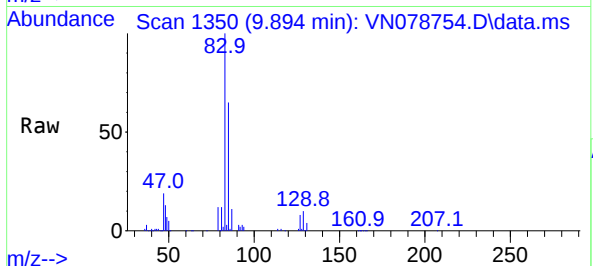




#41  
Bromodichloromethane  
Concen: 20.956 ug/l  
RT: 9.894 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

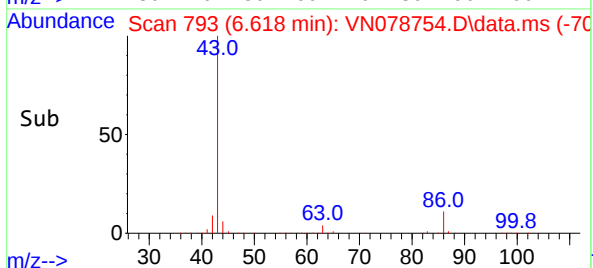
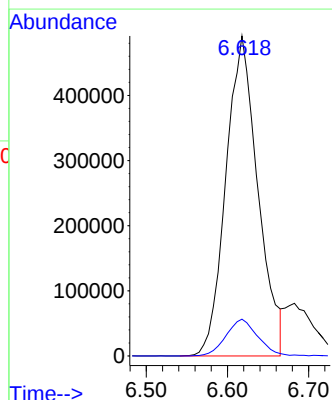
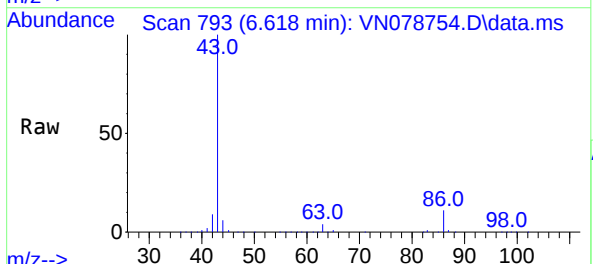
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

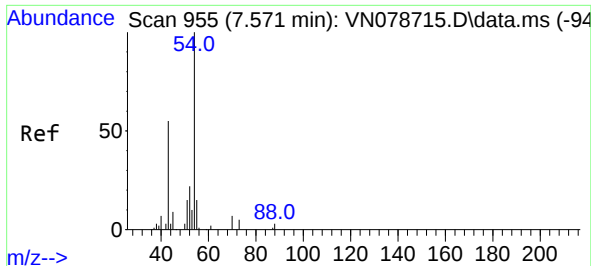
Tgt Ion: 83 Resp: 184714  
Ion Ratio Lower Upper  
83 100  
85 65.1 54.1 81.1  
127 8.0 7.8 11.6



#42  
Vinyl Acetate  
Concen: 133.959 ug/l  
RT: 6.618 min Scan# 793  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 43 Resp: 1346766  
Ion Ratio Lower Upper  
43 100  
86 11.4 9.4 14.0

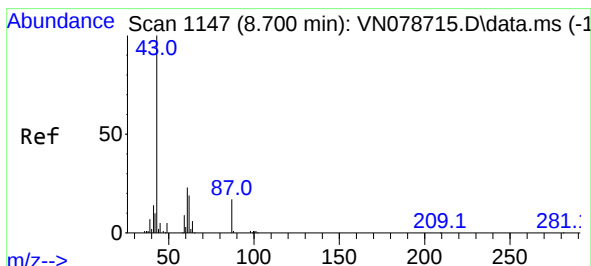
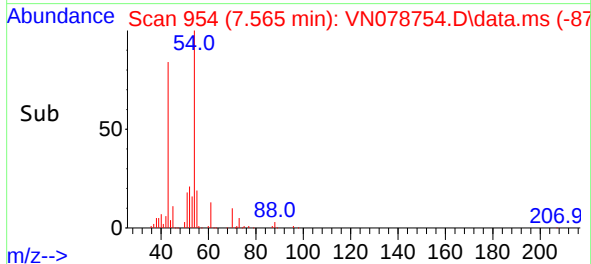
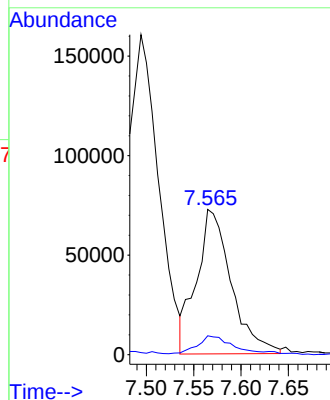
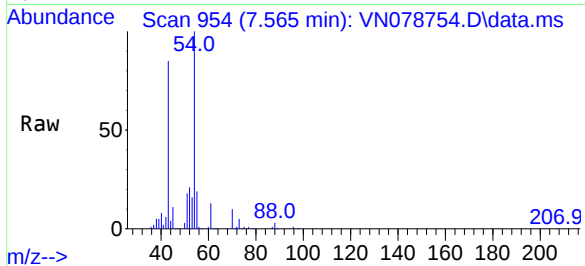




#43  
Ethyl Acetate  
Concen: 28.582 ug/l  
RT: 7.565 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

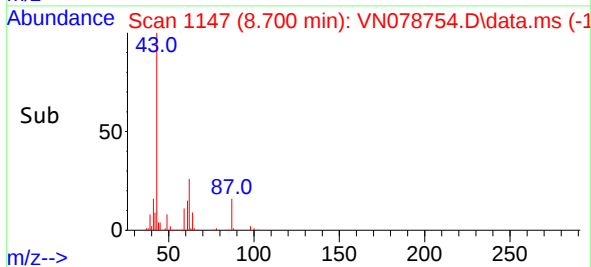
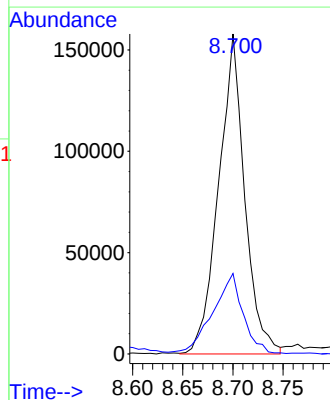
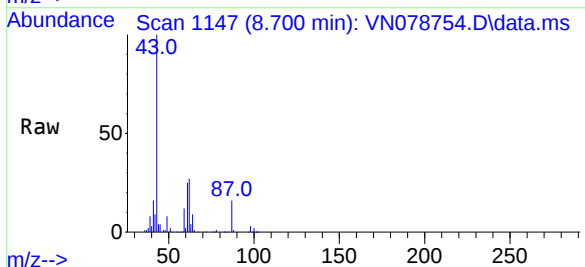
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

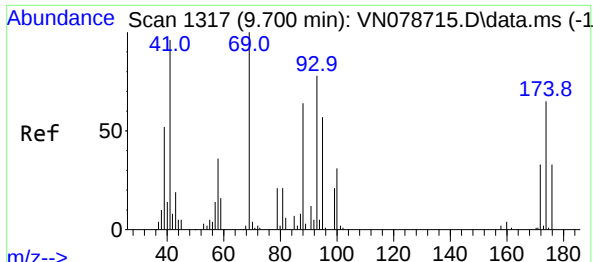
Tgt Ion: 43 Resp: 184777  
Ion Ratio Lower Upper  
43 100  
45 13.4 10.9 16.3



#44  
Isopropyl Acetate  
Concen: 25.143 ug/l  
RT: 8.700 min Scan# 1147  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 43 Resp: 285181  
Ion Ratio Lower Upper  
43 100  
61 28.5 23.0 34.6

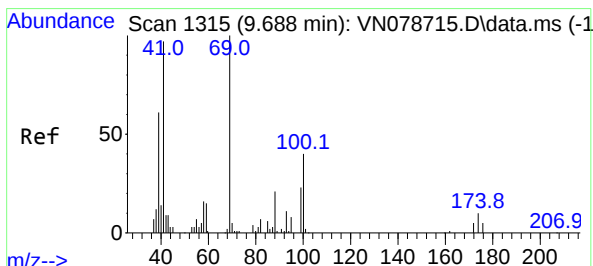
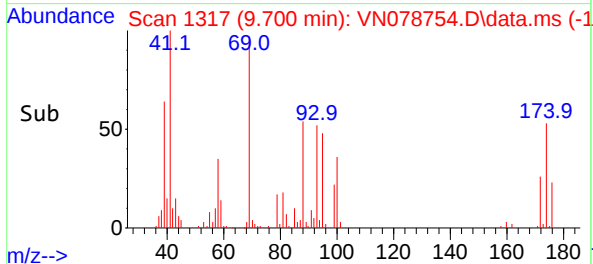
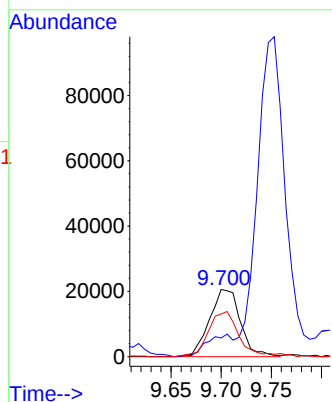
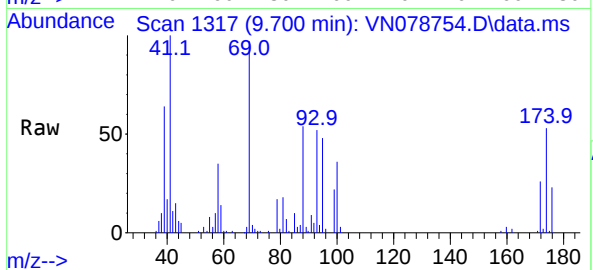




#45  
1,4-Dioxane  
Concen: 422.383 ug/l  
RT: 9.700 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

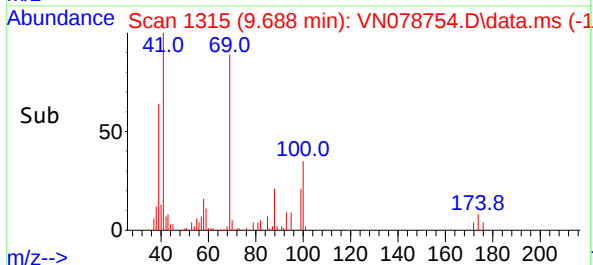
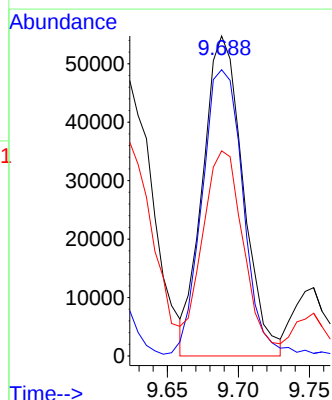
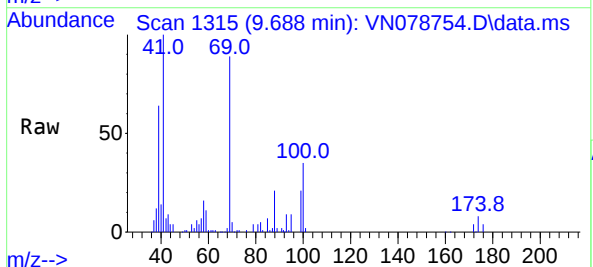
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

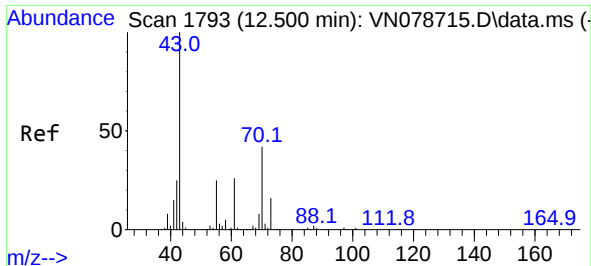
Tgt Ion: 88 Resp: 44070  
Ion Ratio Lower Upper  
88 100  
43 28.2 19.0 28.6  
58 67.4 48.2 72.2



#46  
Methyl methacrylate  
Concen: 20.837 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 41 Resp: 108232  
Ion Ratio Lower Upper  
41 100  
69 91.7 49.0 147.0  
39 63.6 31.6 94.8

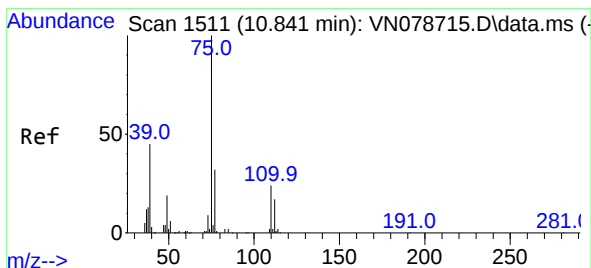
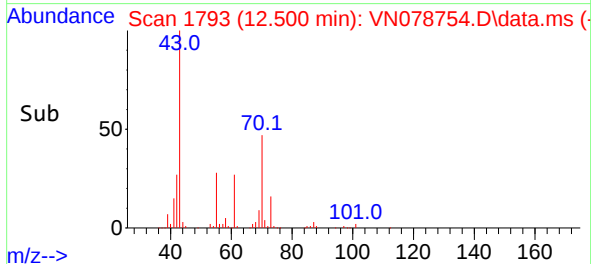
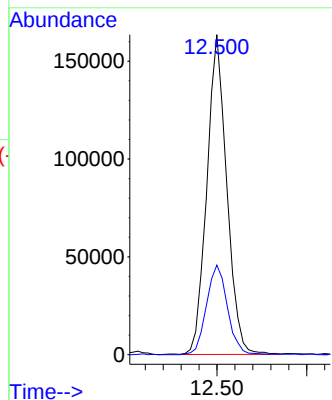
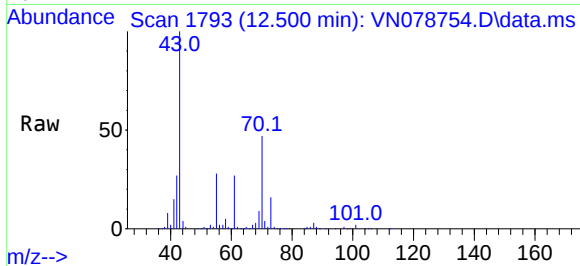




#47  
n-amy1 Acetate  
Concen: 28.846 ug/l  
RT: 12.500 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

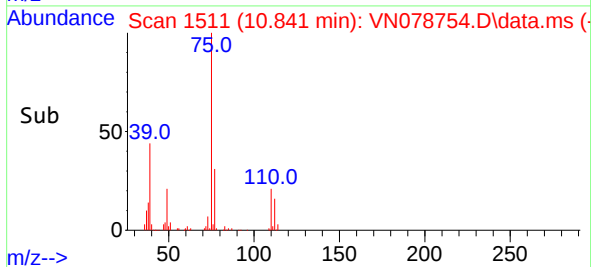
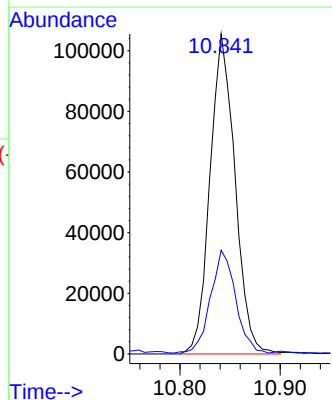
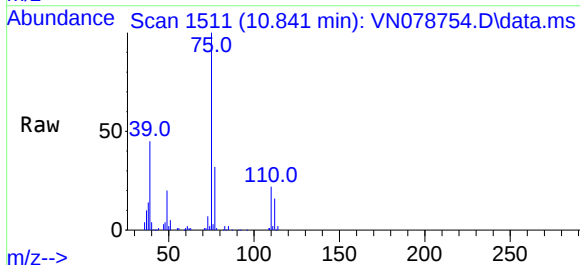
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

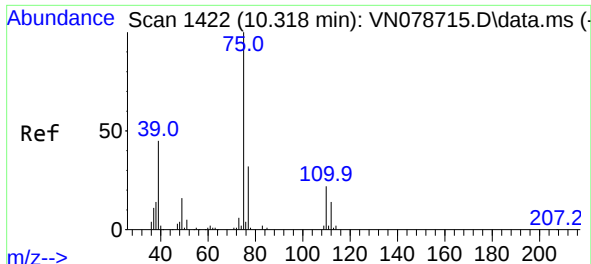
Tgt Ion: 43 Resp: 251992  
Ion Ratio Lower Upper  
43 100  
55 29.5 21.5 32.3



#48  
t-1,3-Dichloropropene  
Concen: 19.442 ug/l  
RT: 10.841 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 75 Resp: 182897  
Ion Ratio Lower Upper  
75 100  
77 31.8 26.1 39.1





#49

cis-1,3-Dichloropropene

Concen: 19.538 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. -0.000 min

Lab File: VN078754.D

Acq: 03 Aug 2023 15:43

Instrument :

MSVOA\_N

ClientSampleId :

VN0803WBS02

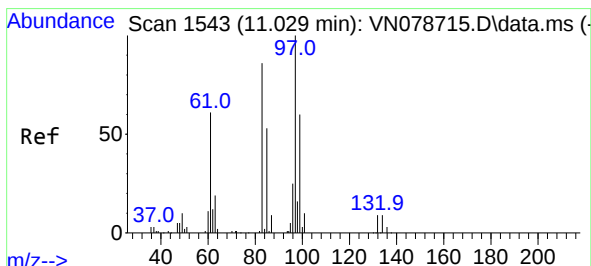
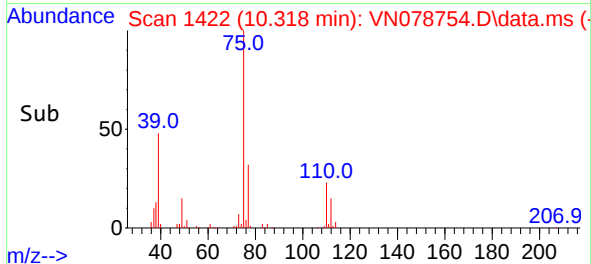
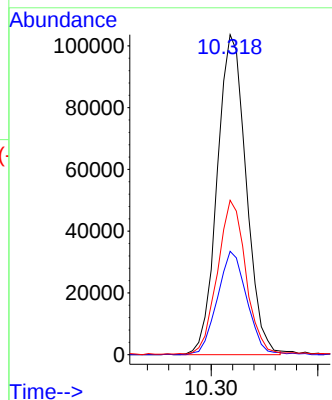
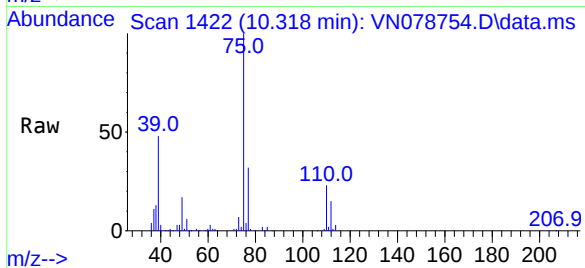
Tgt Ion: 75 Resp: 195224

Ion Ratio Lower Upper

75 100

77 32.3 24.0 36.0

39 47.9 35.1 52.7



#50

1,1,2-Trichloroethane

Concen: 20.530 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. -0.006 min

Lab File: VN078754.D

Acq: 03 Aug 2023 15:43

Tgt Ion: 97 Resp: 128129

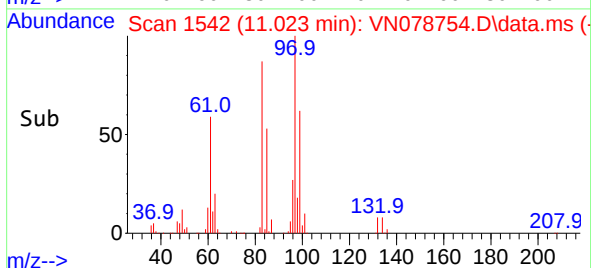
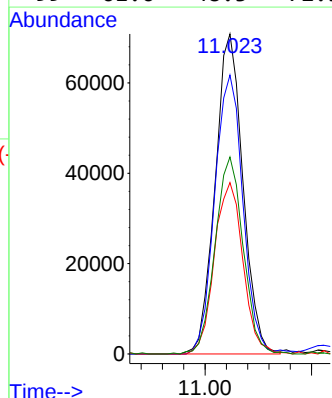
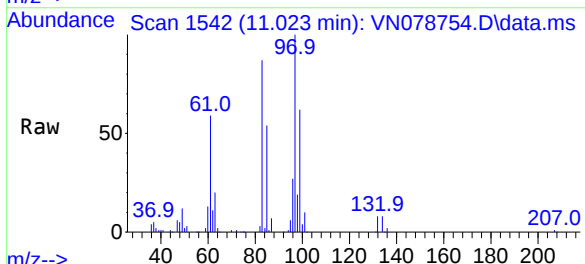
Ion Ratio Lower Upper

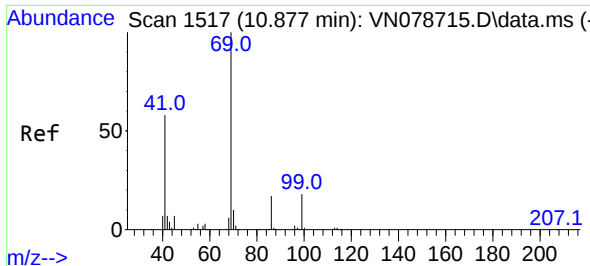
97 100

83 87.2 66.8 100.2

85 53.5 42.5 63.7

99 61.6 48.3 72.5

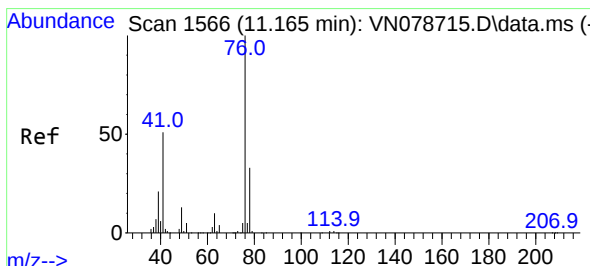
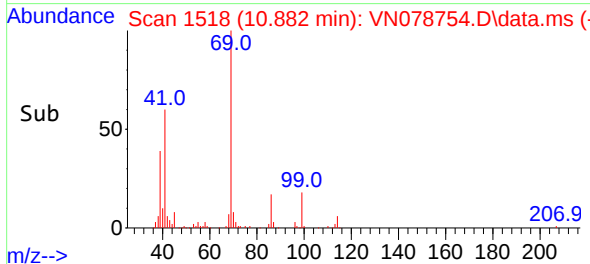
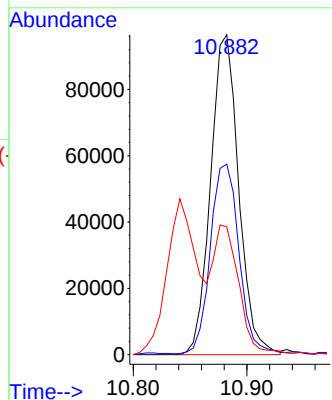
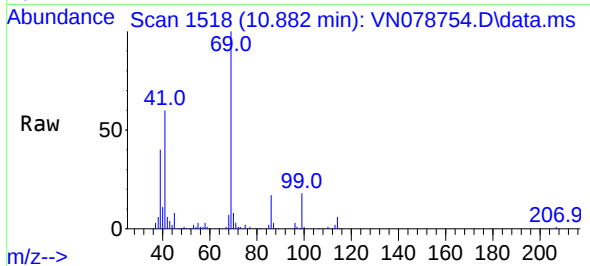




#51  
Ethyl methacrylate  
Concen: 19.431 ug/l  
RT: 10.882 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

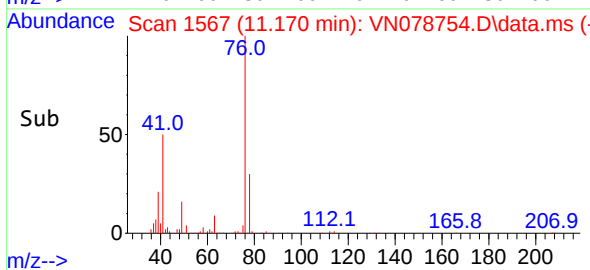
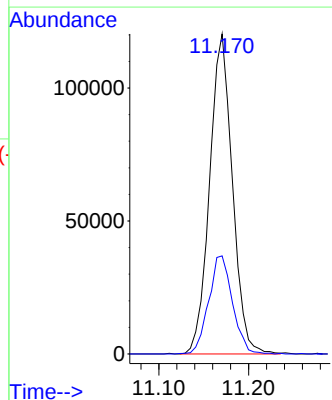
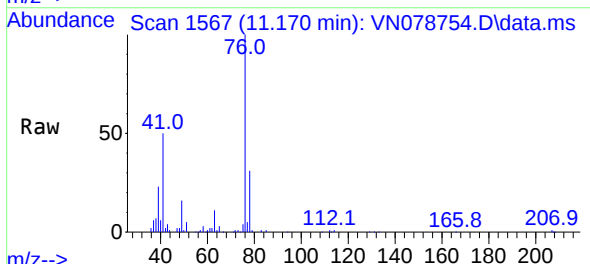
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

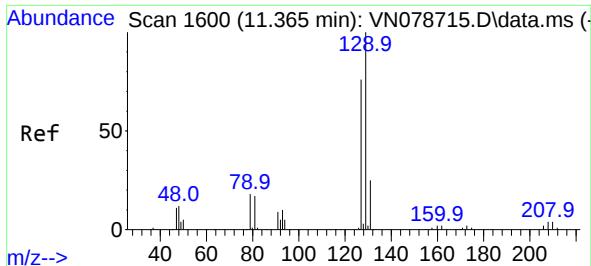
Tgt Ion: 69 Resp: 166026  
Ion Ratio Lower Upper  
69 100  
41 59.2 26.0 78.0  
39 38.9 16.3 48.9



#52  
1,3-Dichloropropane  
Concen: 18.913 ug/l  
RT: 11.170 min Scan# 1567  
Delta R.T. 0.006 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 76 Resp: 212155  
Ion Ratio Lower Upper  
76 100  
78 32.1 0.0 66.2

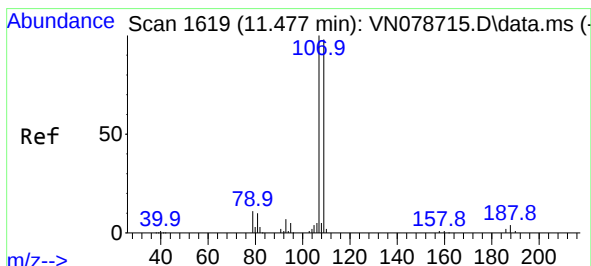
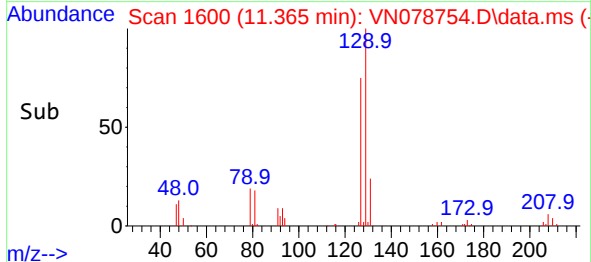
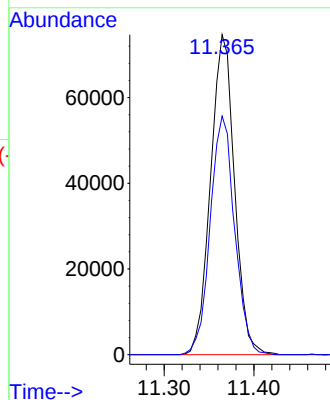
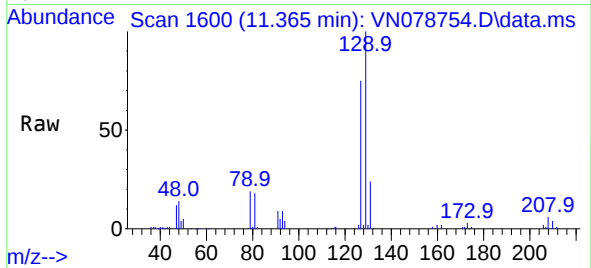




#53  
Dibromochloromethane  
Concen: 19.643 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

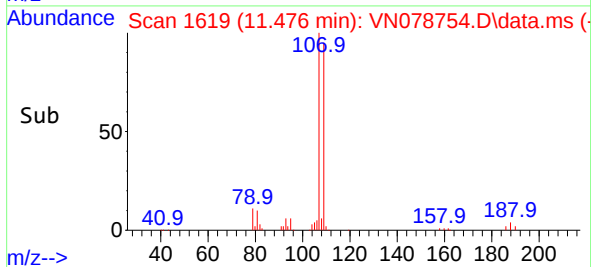
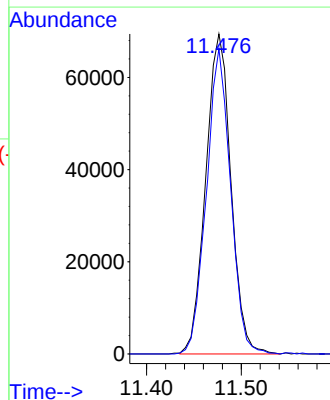
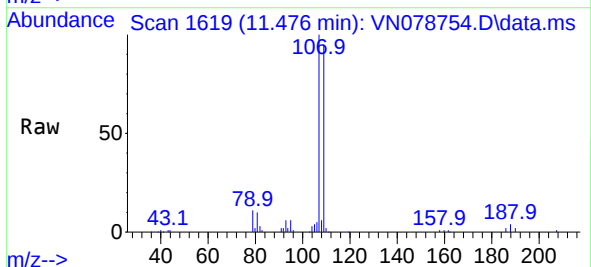
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

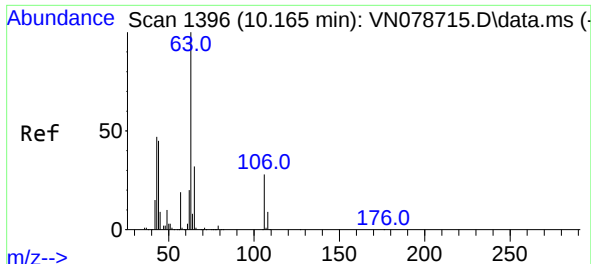
Tgt Ion:129 Resp: 138494  
Ion Ratio Lower Upper  
129 100  
127 76.0 39.4 118.1



#54  
1,2-Dibromoethane  
Concen: 20.483 ug/l  
RT: 11.476 min Scan# 1619  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion:107 Resp: 128367  
Ion Ratio Lower Upper  
107 100  
109 91.2 74.6 112.0

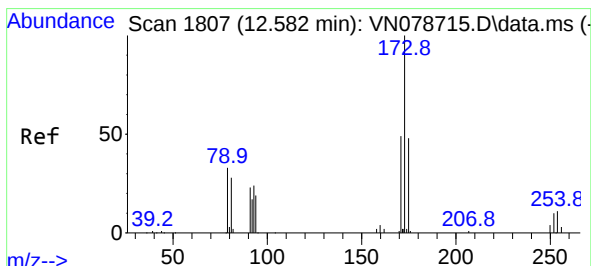
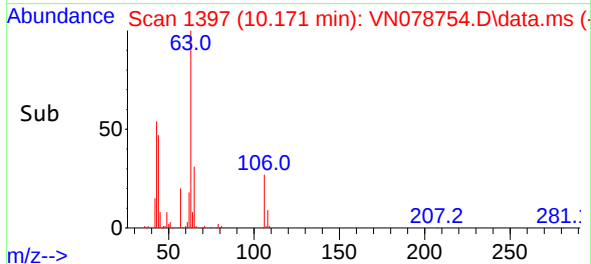
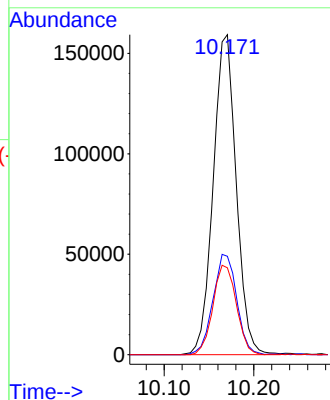
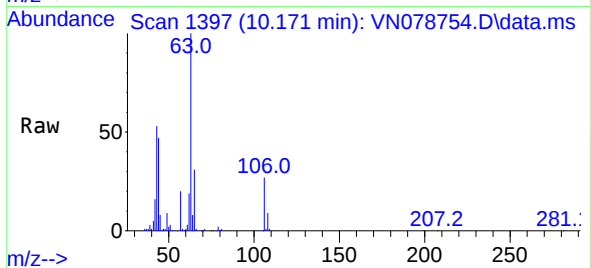




#55  
2-Chloroethyl vinyl ether  
Concen: 104.260 ug/l  
RT: 10.171 min Scan# 1397  
Delta R.T. 0.006 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

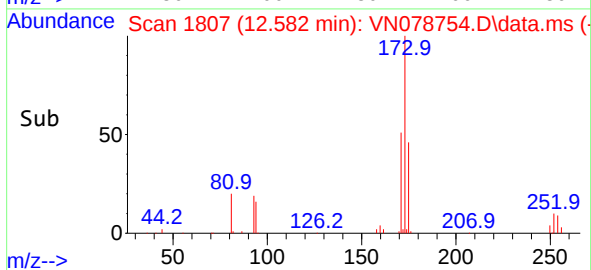
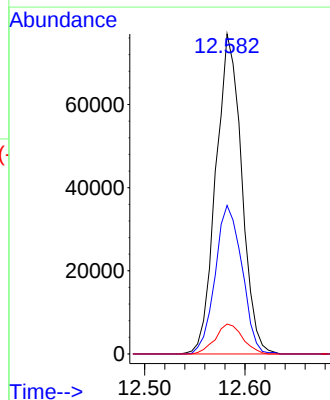
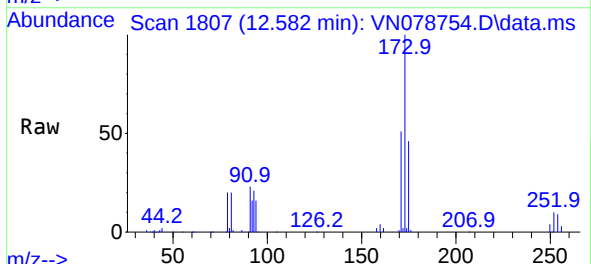
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

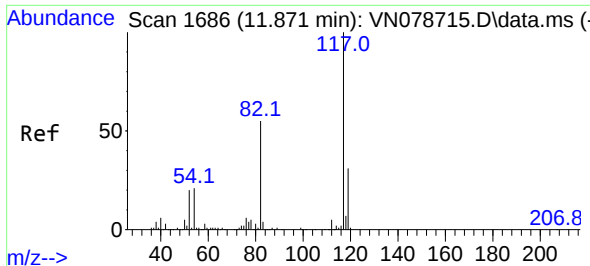
Tgt Ion: 63 Resp: 283870  
Ion Ratio Lower Upper  
63 100  
65 32.3 26.3 39.5  
106 28.4 23.8 35.6



#56  
Bromoform  
Concen: 29.823 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

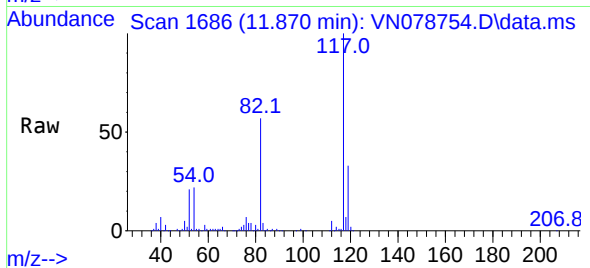
Tgt Ion:173 Resp: 137579  
Ion Ratio Lower Upper  
173 100  
175 48.1 40.7 61.1  
254 9.9 6.5 9.7#



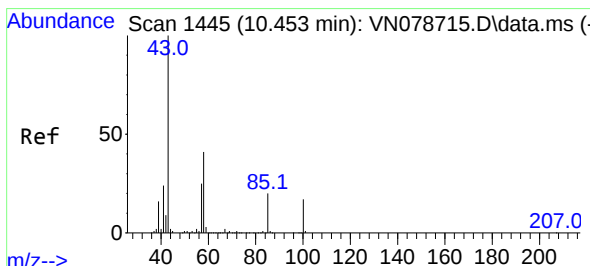
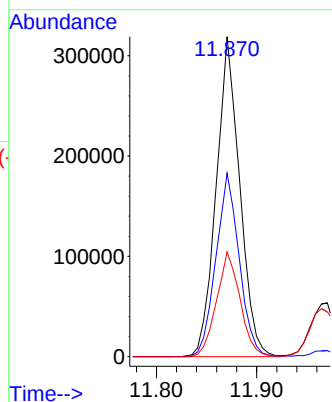
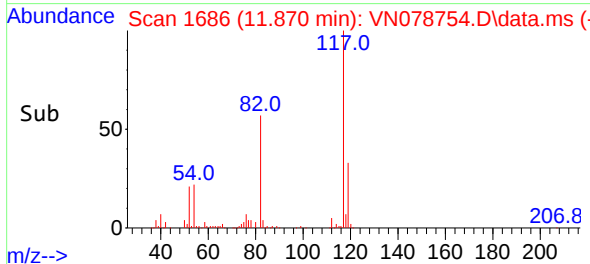


#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.870 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

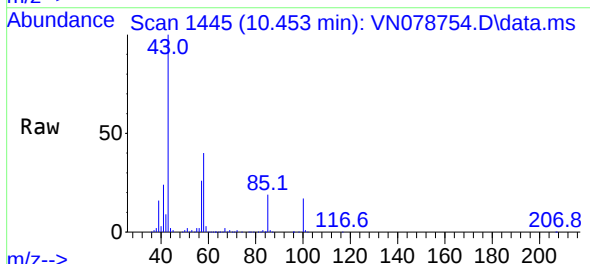
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02



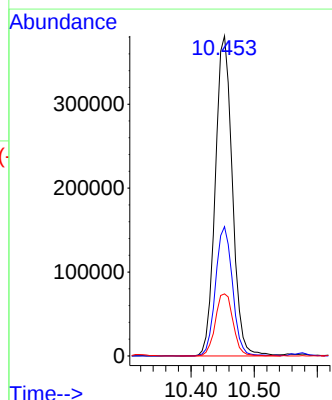
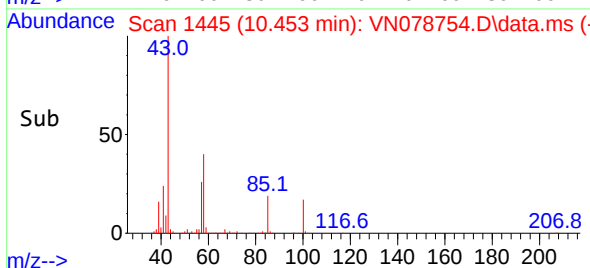
Tgt Ion:117 Resp: 519977  
Ion Ratio Lower Upper  
117 100  
82 56.7 43.9 65.9  
119 32.8 26.2 39.4

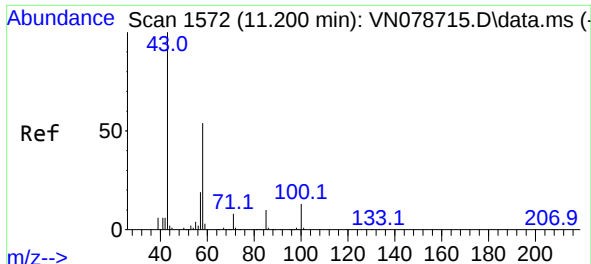


#58  
4-Methyl-2-Pentanone  
Concen: 91.810 ug/l  
RT: 10.453 min Scan# 1445  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43



Tgt Ion: 43 Resp: 714551  
Ion Ratio Lower Upper  
43 100  
58 40.2 32.6 48.8  
85 20.2 16.2 24.2

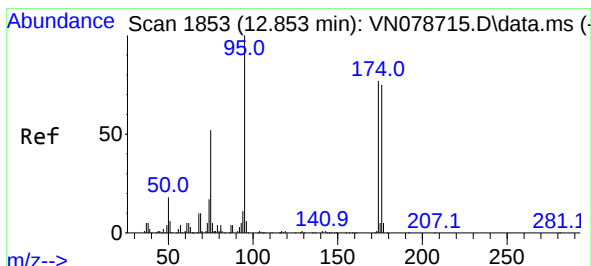
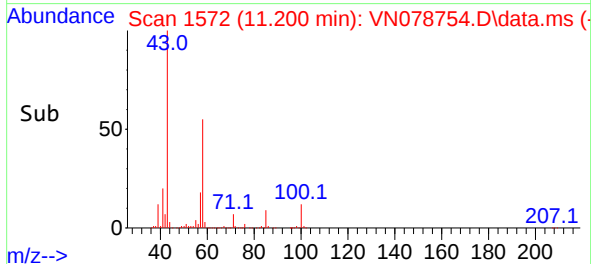
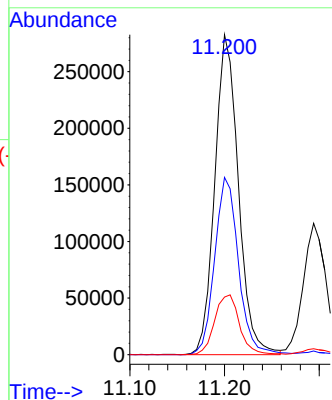
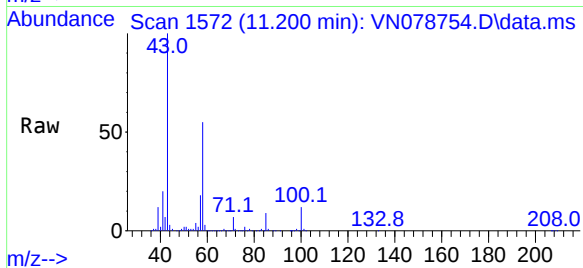




#59  
2-Hexanone  
Concen: 83.169 ug/l  
RT: 11.200 min Scan# 1115  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

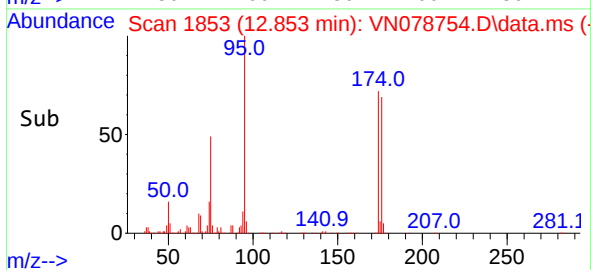
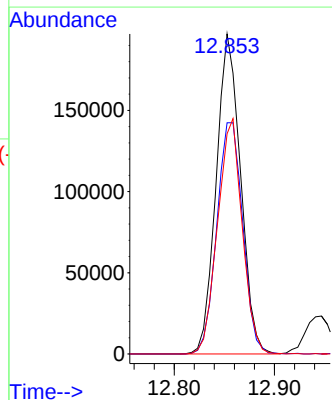
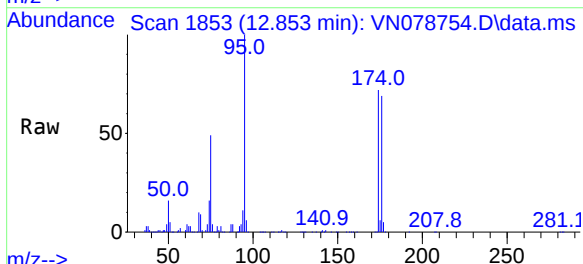
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

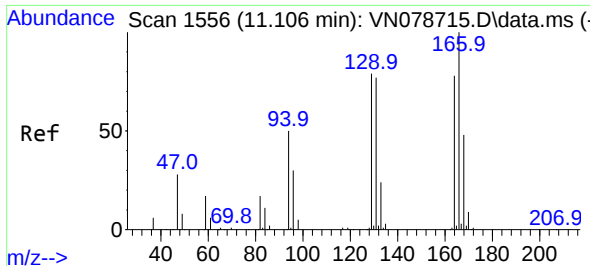
Tgt Ion: 43 Resp: 490115  
Ion Ratio Lower Upper  
43 100  
58 55.9 45.9 68.9  
57 19.7 15.8 23.6



#60  
4-Bromofluorobenzene  
Concen: 42.698 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

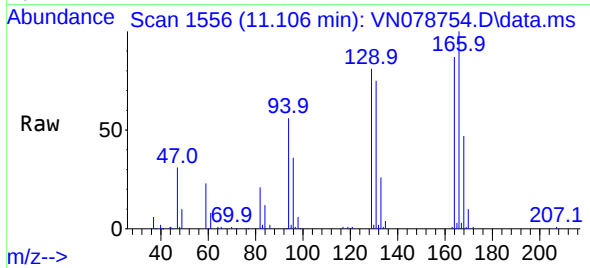
Tgt Ion: 95 Resp: 332729  
Ion Ratio Lower Upper  
95 100  
174 76.9 61.7 92.5  
176 74.1 58.1 87.1



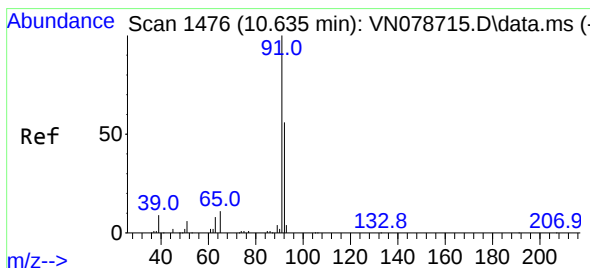
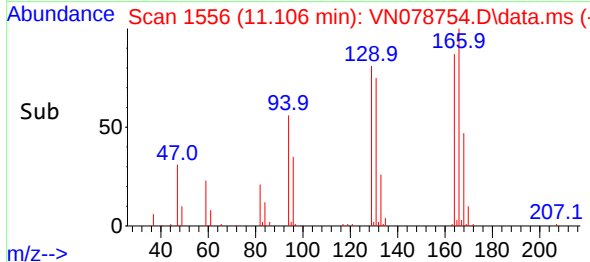
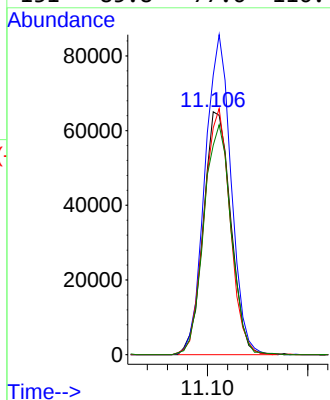


#61  
Tetrachloroethene  
Concen: 18.010 ug/l  
RT: 11.106 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

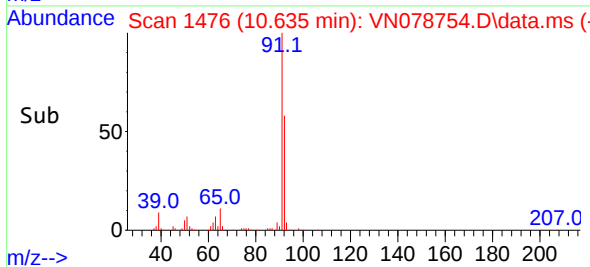
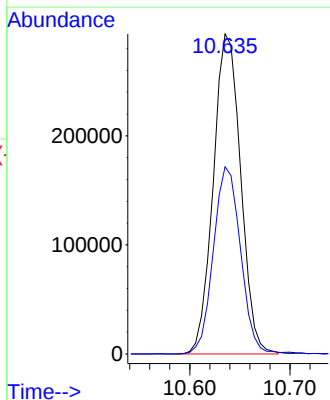
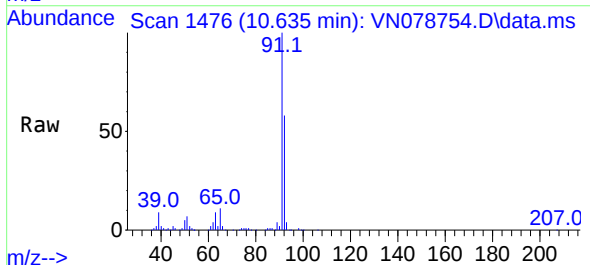


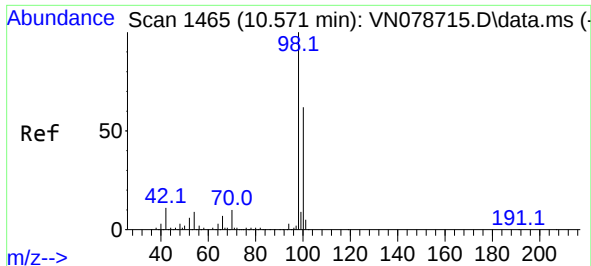
Tgt Ion:164 Resp: 123141  
Ion Ratio Lower Upper  
164 100  
166 114.8 99.1 148.7  
129 93.0 85.6 128.4  
131 85.8 77.6 116.4



#62  
Toluene  
Concen: 17.835 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 91 Resp: 557825  
Ion Ratio Lower Upper  
91 100  
92 57.8 45.2 67.8

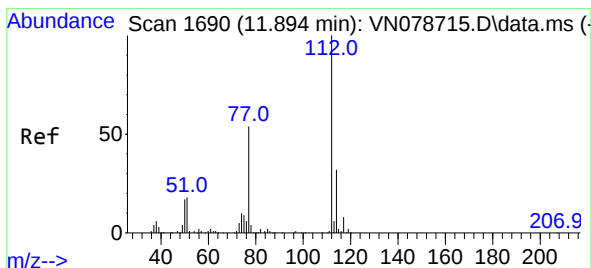
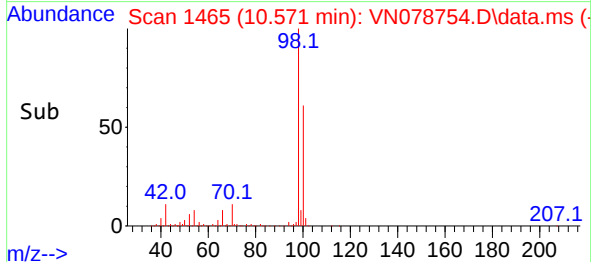
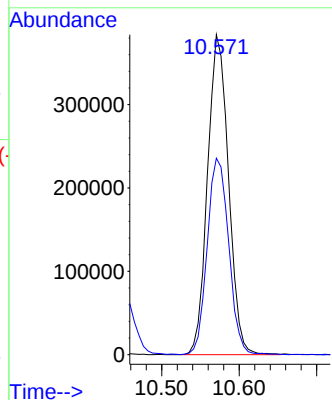
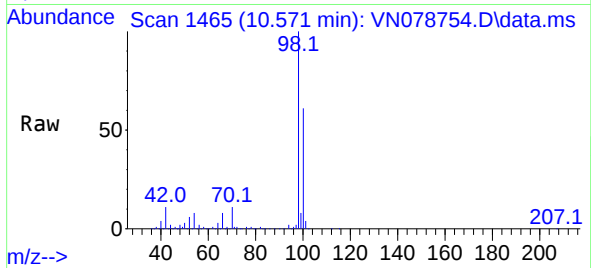




#63  
Toluene-d8  
Concen: 28.099 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

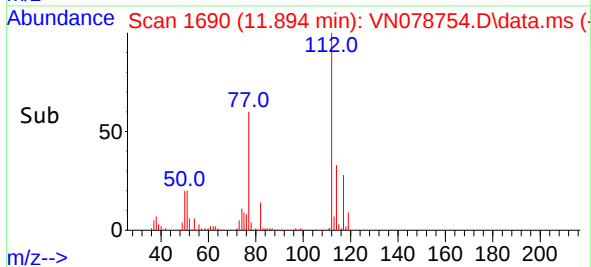
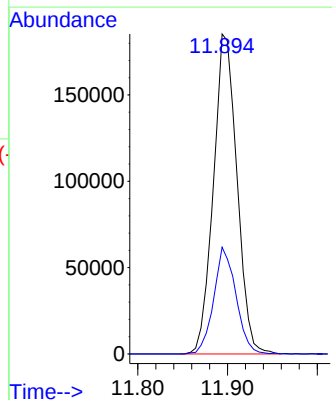
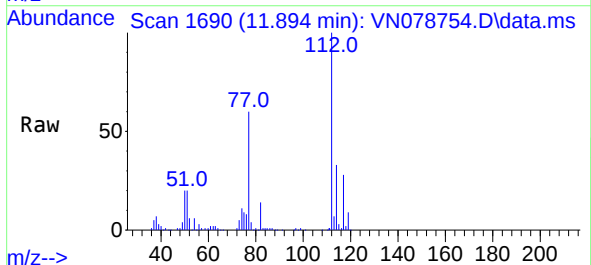
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

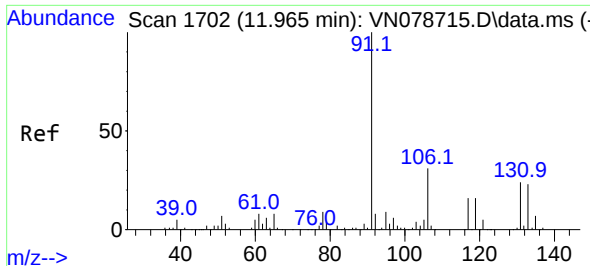
Tgt Ion: 98 Resp: 721773  
Ion Ratio Lower Upper  
98 100  
100 62.6 49.7 74.5



#64  
Chlorobenzene  
Concen: 18.509 ug/l  
RT: 11.894 min Scan# 1690  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 112 Resp: 337991  
Ion Ratio Lower Upper  
112 100  
114 33.4 25.9 38.9

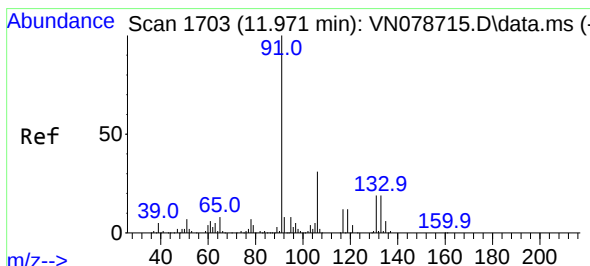
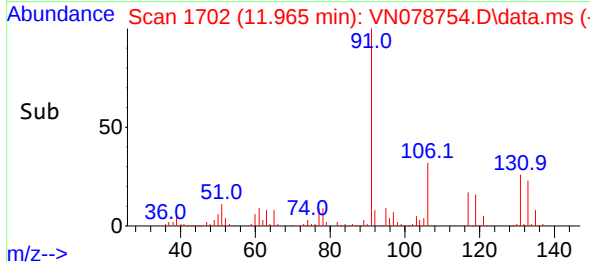
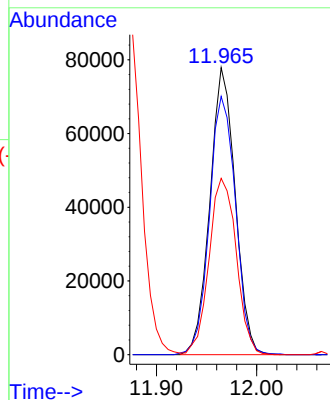
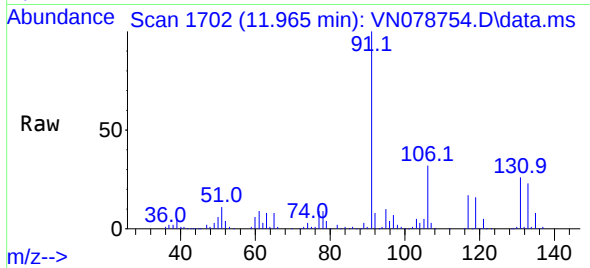




#65  
1,1,1,2-Tetrachloroethane  
Concen: 18.984 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

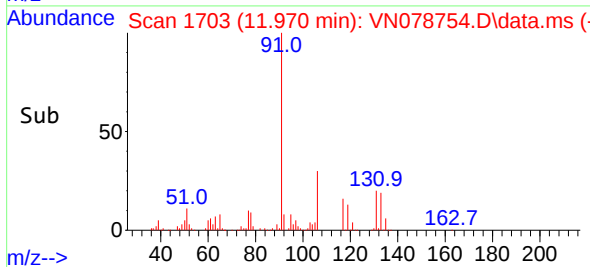
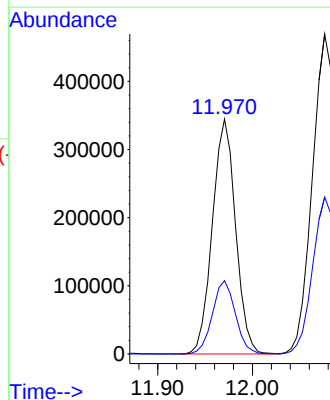
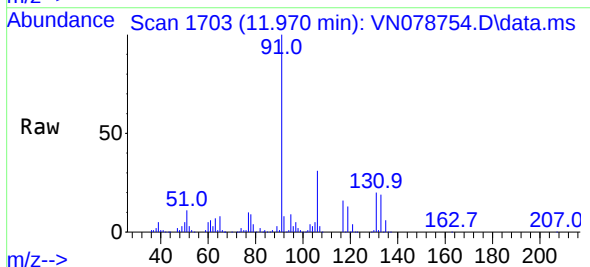
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

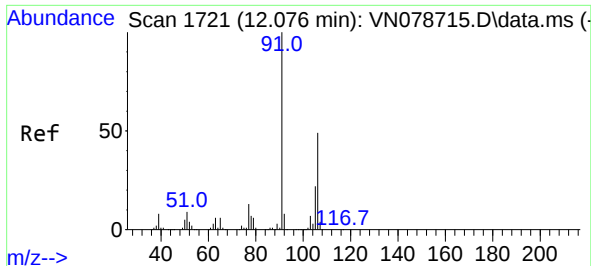
Tgt Ion:131 Resp: 136718  
Ion Ratio Lower Upper  
131 100  
133 93.1 0.0 191.8  
119 66.1 0.0 132.0



#66  
Ethyl Benzene  
Concen: 18.585 ug/l  
RT: 11.970 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 91 Resp: 585834  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.6 38.4

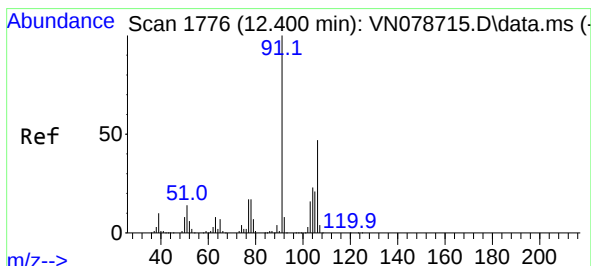
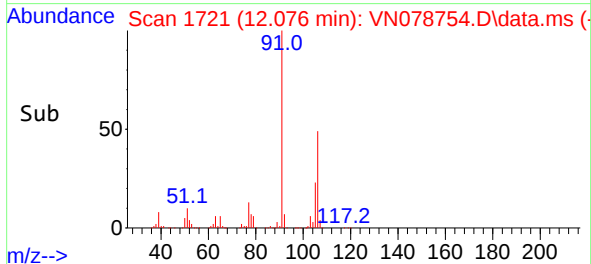
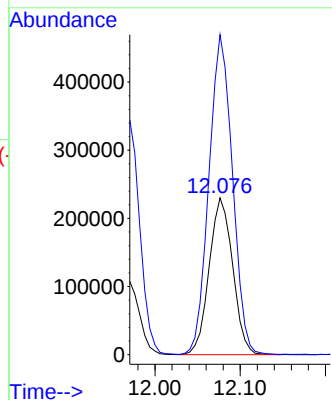
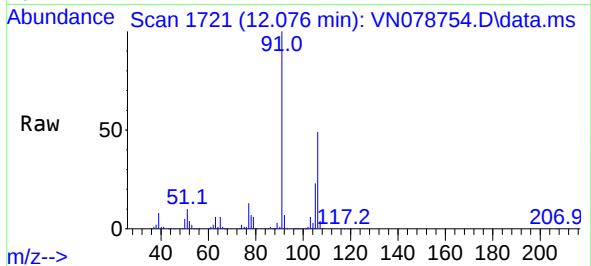




#67  
m/p-Xylenes  
Concen: 36.704 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

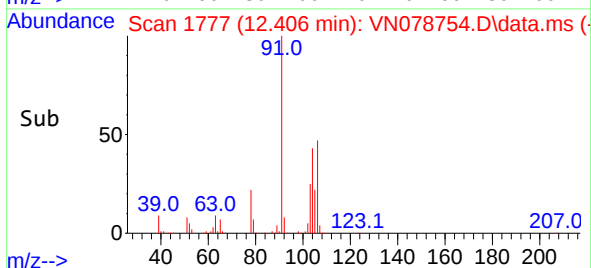
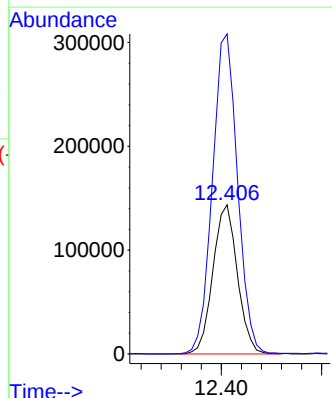
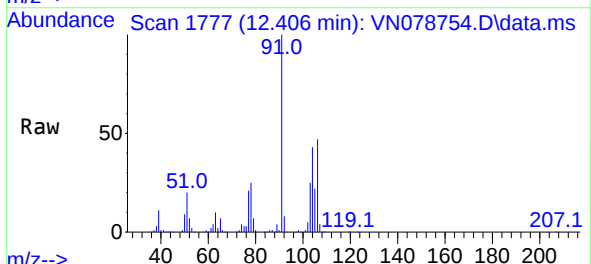
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

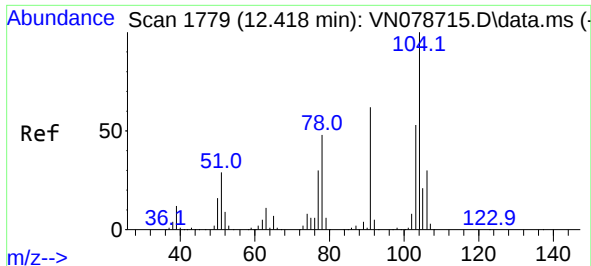
Tgt Ion:106 Resp: 441947  
Ion Ratio Lower Upper  
106 100  
91 204.5 162.5 243.7



#68  
o-Xylene  
Concen: 19.807 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. 0.006 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion:106 Resp: 242676  
Ion Ratio Lower Upper  
106 100  
91 220.2 106.1 318.3

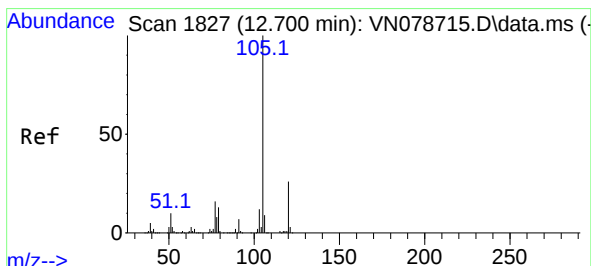
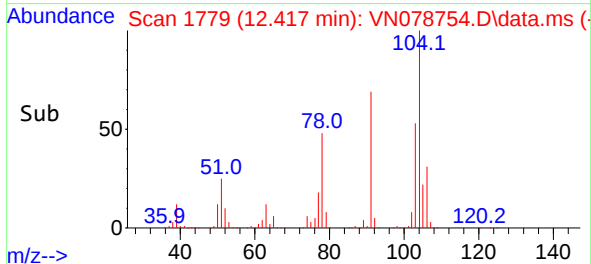
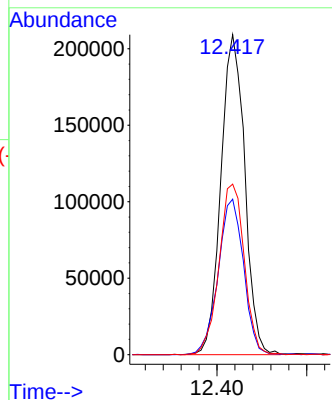
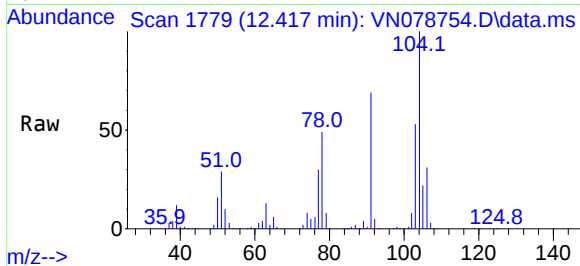




#69  
Styrene  
Concen: 19.575 ug/l  
RT: 12.417 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

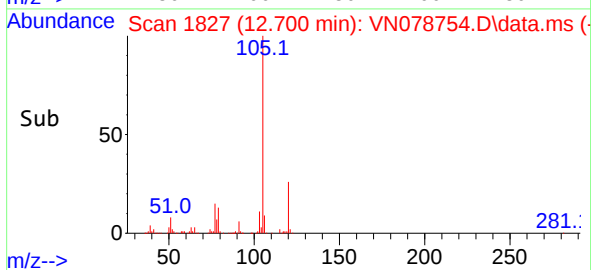
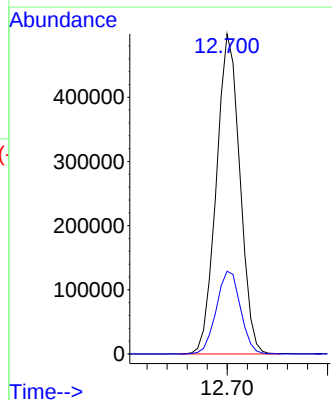
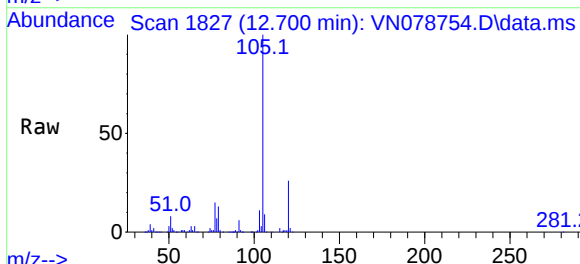
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

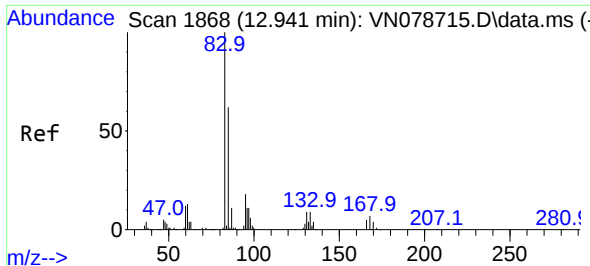
Tgt Ion:104 Resp: 385878  
Ion Ratio Lower Upper  
104 100  
78 51.8 40.1 60.1  
103 56.4 45.1 67.7



#70  
Isopropylbenzene  
Concen: 26.749 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion:105 Resp: 810741  
Ion Ratio Lower Upper  
105 100  
120 26.5 18.3 34.1

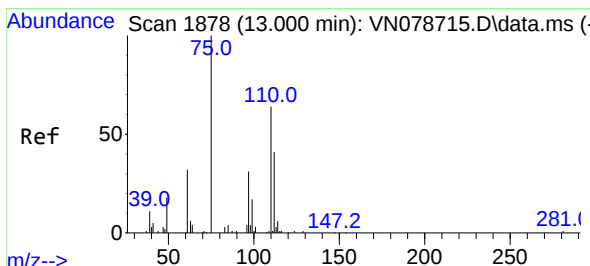
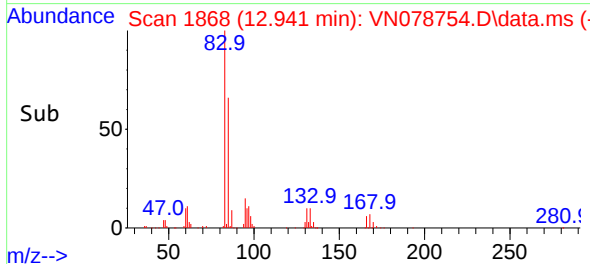
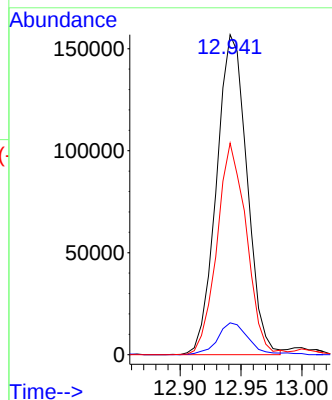
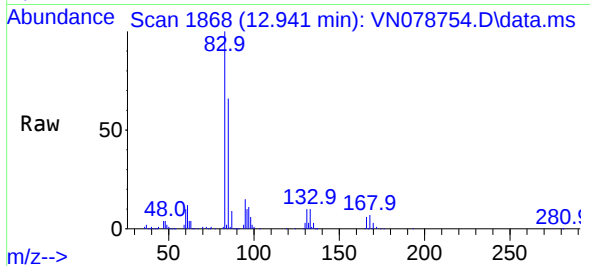




#71  
1,1,2,2-Tetrachloroethane  
Concen: 27.791 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

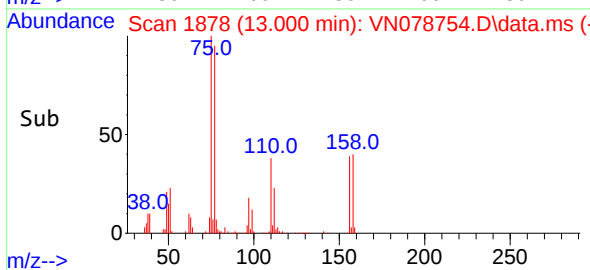
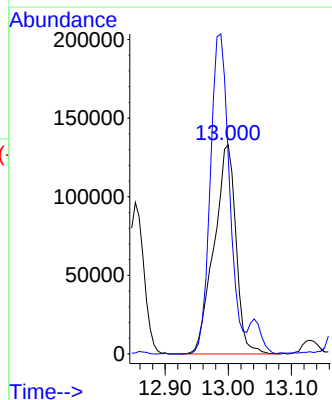
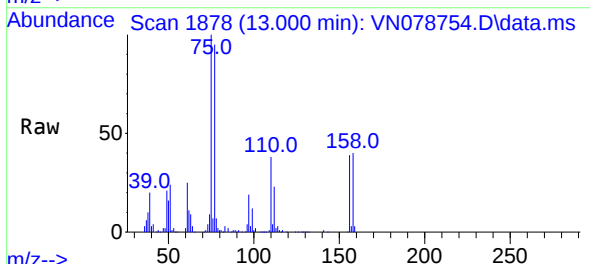
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

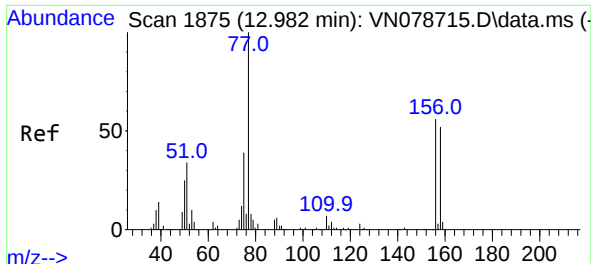
Tgt Ion: 83 Resp: 273624  
Ion Ratio Lower Upper  
83 100  
131 9.9 4.8 14.4  
85 63.5 32.6 98.0



#72  
1,2,3-Trichloropropane  
Concen: 38.850 ug/l  
RT: 13.000 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 75 Resp: 320873  
Ion Ratio Lower Upper  
75 100  
77 133.6 0.0 387.4

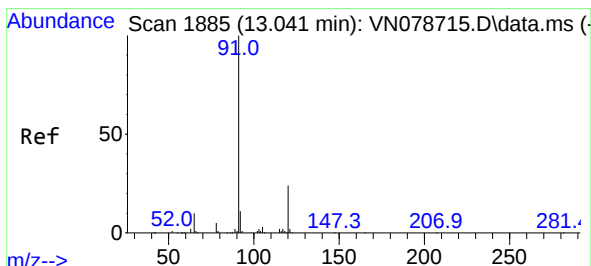
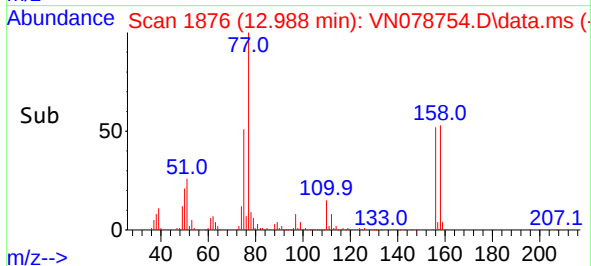
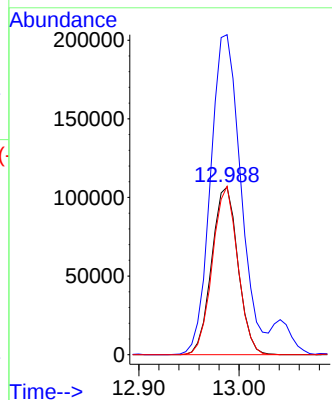
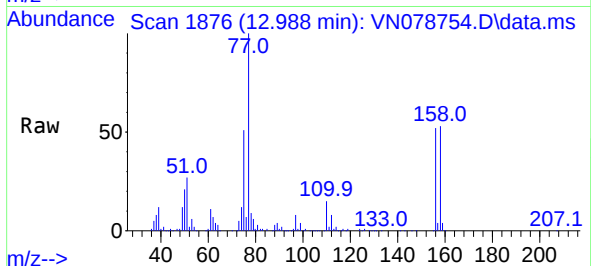




#73  
Bromobenzene  
Concen: 26.062 ug/l  
RT: 12.988 min Scan# 1875  
Delta R.T. 0.006 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

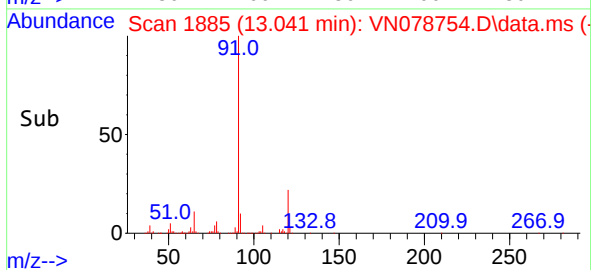
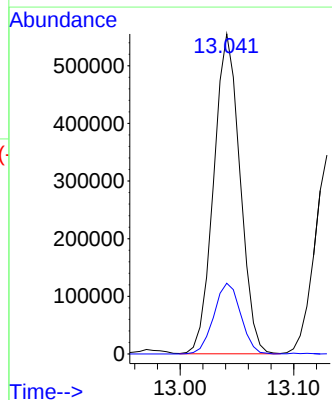
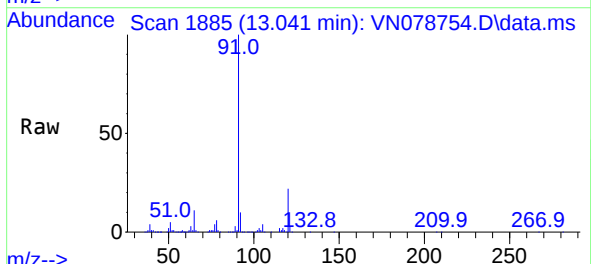
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

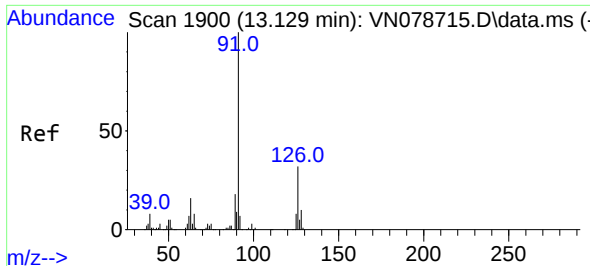
Tgt Ion:156 Resp: 193615  
Ion Ratio Lower Upper  
156 100  
77 221.4 0.0 420.8  
158 96.9 0.0 193.2



#74  
n-propylbenzene  
Concen: 26.616 ug/l  
RT: 13.041 min Scan# 1885  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 91 Resp: 894132  
Ion Ratio Lower Upper  
91 100  
120 22.5 0.0 44.6

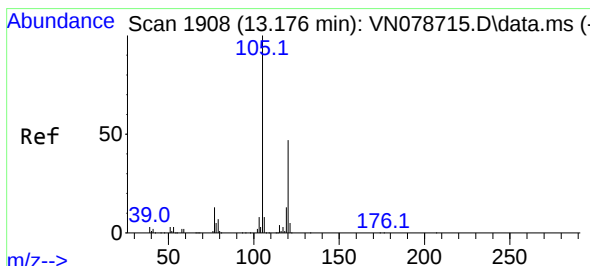
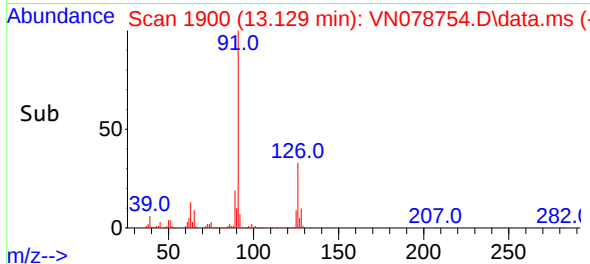
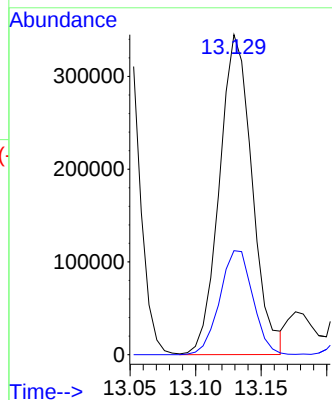
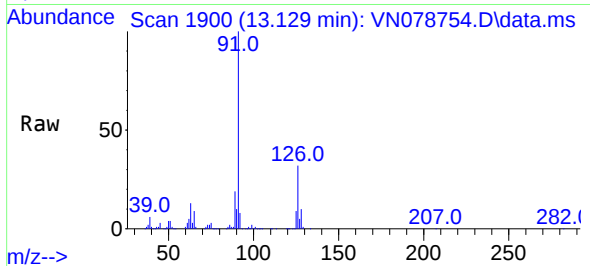




#75  
2-Chlorotoluene  
Concen: 25.786 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

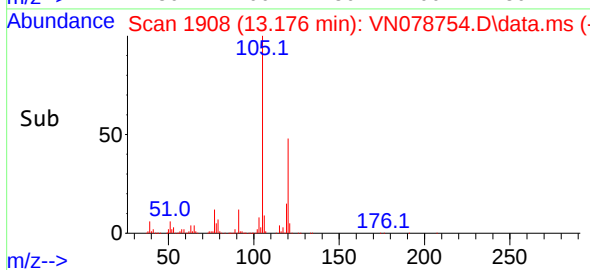
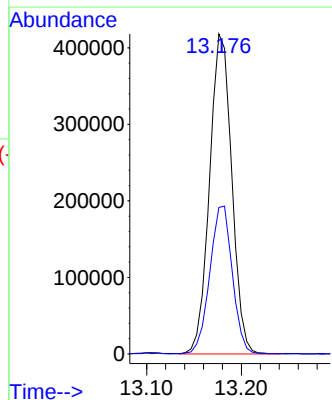
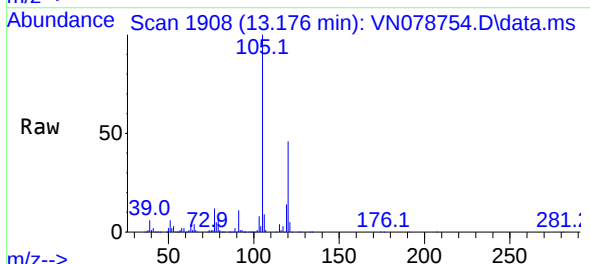
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

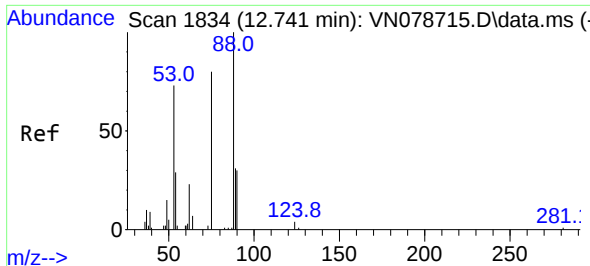
Tgt Ion: 91 Resp: 598232  
Ion Ratio Lower Upper  
91 100  
126 32.9 0.0 67.2



#76  
1,3,5-Trimethylbenzene  
Concen: 25.183 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 105 Resp: 681468  
Ion Ratio Lower Upper  
105 100  
120 47.0 0.0 97.2

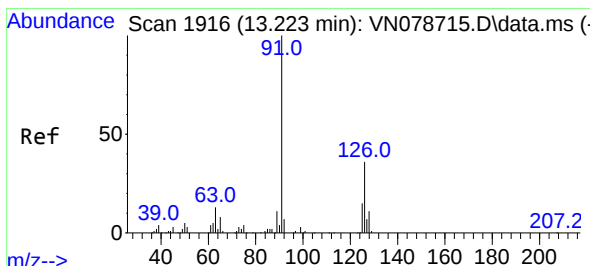
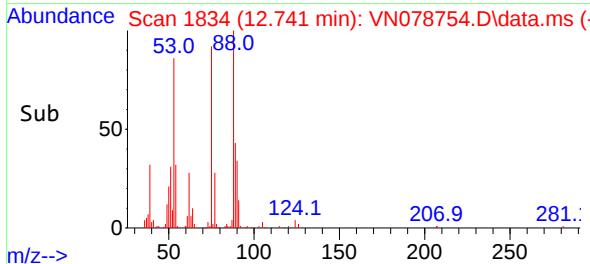
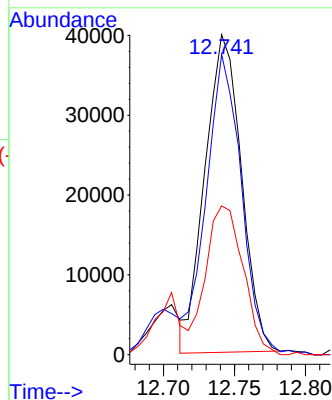
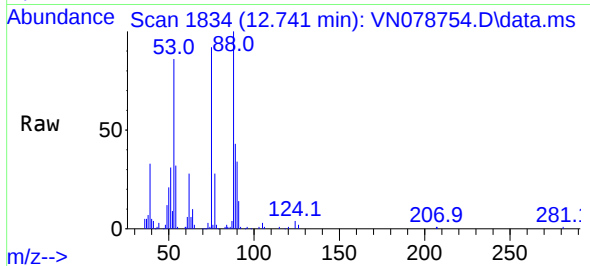




#77  
t-1,4-Dichloro-2-butene  
Concen: 24.573 ug/l  
RT: 12.741 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

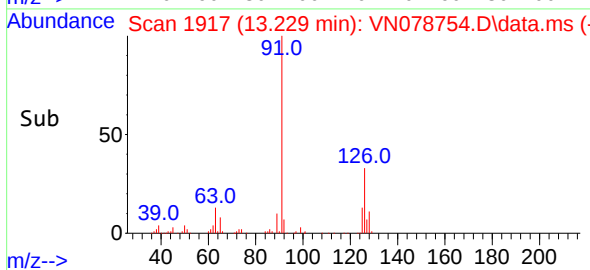
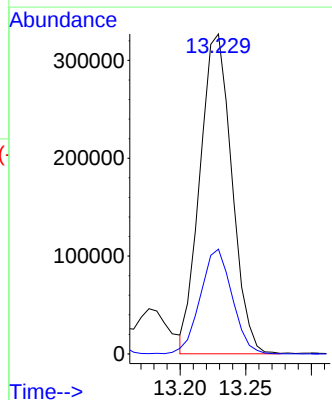
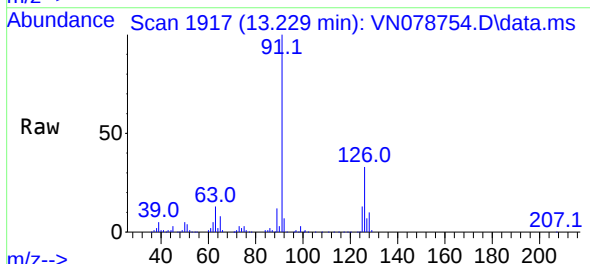
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

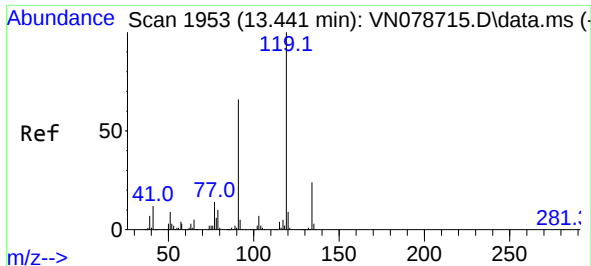
Tgt Ion: 75 Resp: 70933  
Ion Ratio Lower Upper  
75 100  
53 94.1 41.6 124.9  
89 47.1 25.1 75.4



#78  
4-Chlorotoluene  
Concen: 24.739 ug/l  
RT: 13.229 min Scan# 1917  
Delta R.T. 0.006 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 91 Resp: 554162  
Ion Ratio Lower Upper  
91 100  
126 32.7 0.0 68.8

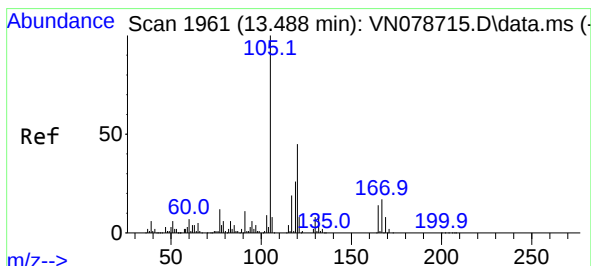
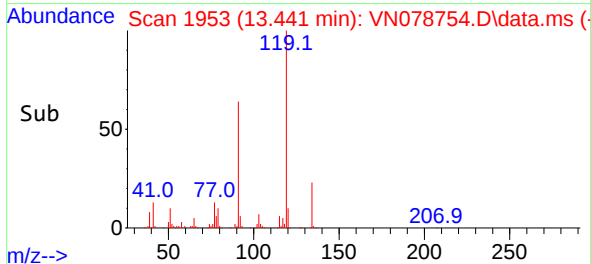
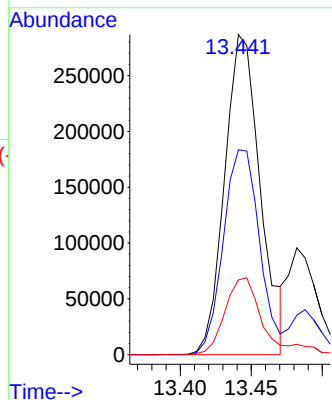
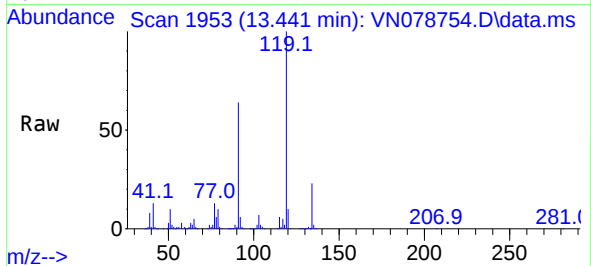




#79  
tert-butylbenzene  
Concen: 21.541 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

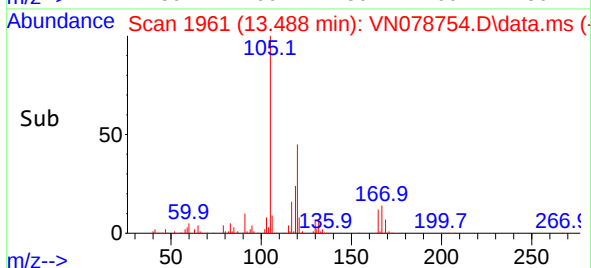
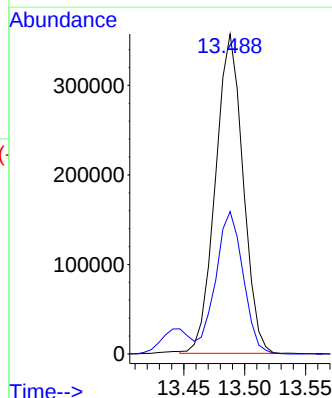
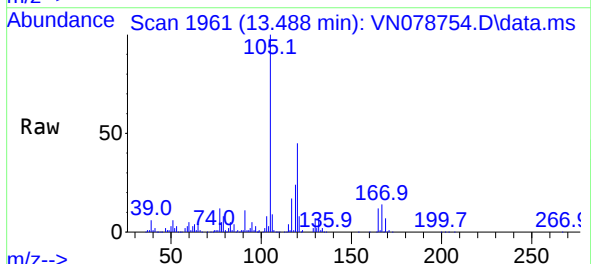
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

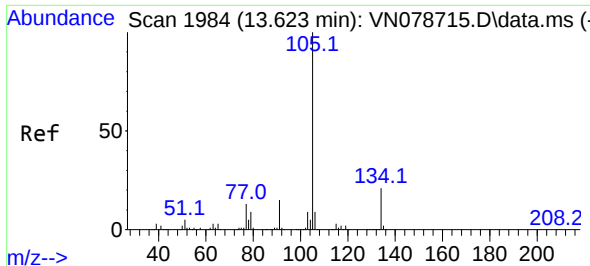
Tgt Ion:119 Resp: 501717  
Ion Ratio Lower Upper  
119 100  
91 64.9 0.0 126.6  
134 23.9 0.0 44.0



#80  
1,2,4-Trimethylbenzene  
Concen: 21.727 ug/l  
RT: 13.488 min Scan# 1961  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion:105 Resp: 561547  
Ion Ratio Lower Upper  
105 100  
120 44.4 0.0 88.2

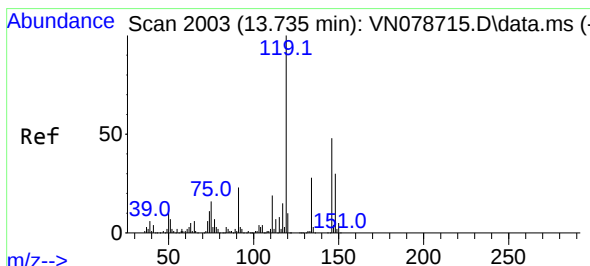
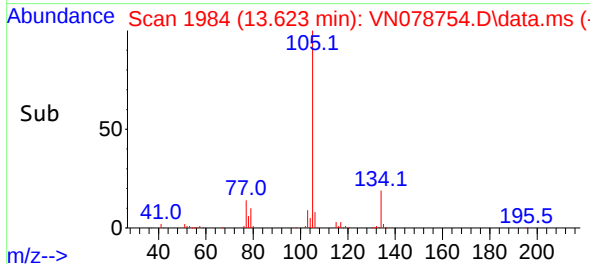
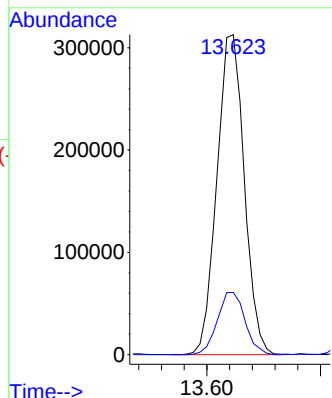
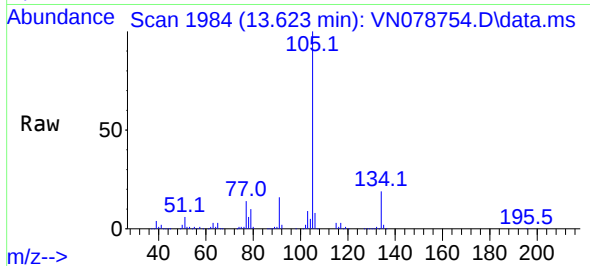




#81  
 sec-Butylbenzene  
 Concen: 17.543 ug/l  
 RT: 13.623 min Scan# 1984  
 Delta R.T. -0.000 min  
 Lab File: VN078754.D  
 Acq: 03 Aug 2023 15:43

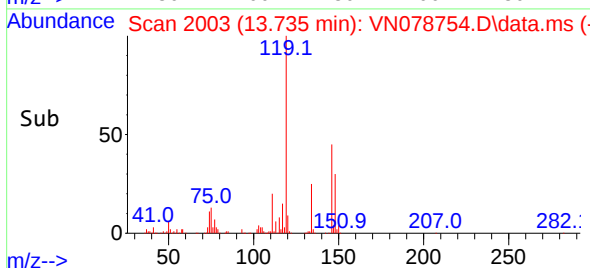
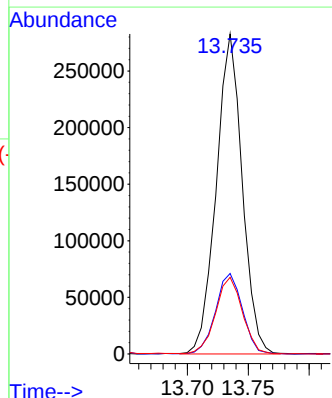
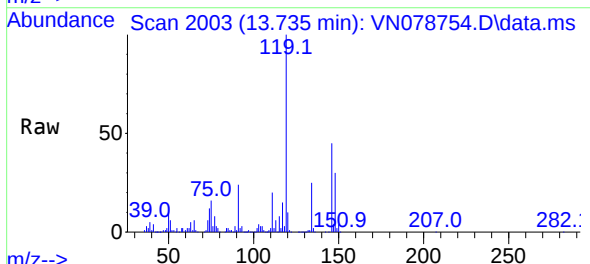
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0803WBS02

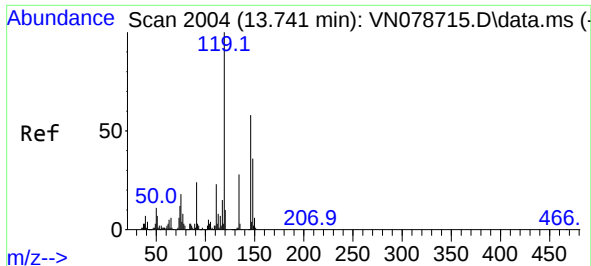
Tgt Ion:105 Resp: 523719  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 0.0 38.6



#82  
 p-Isopropyltoluene  
 Concen: 17.106 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. -0.000 min  
 Lab File: VN078754.D  
 Acq: 03 Aug 2023 15:43

Tgt Ion:119 Resp: 419271  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 0.0 52.4  
 91 24.8 0.0 48.2

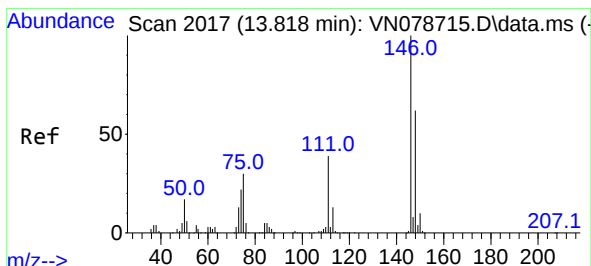
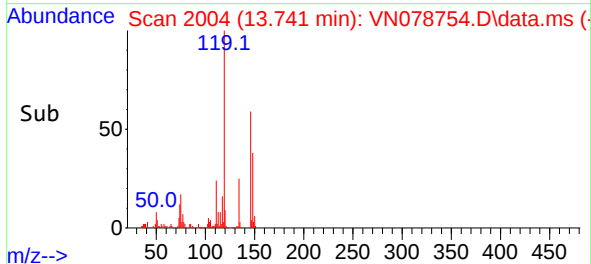
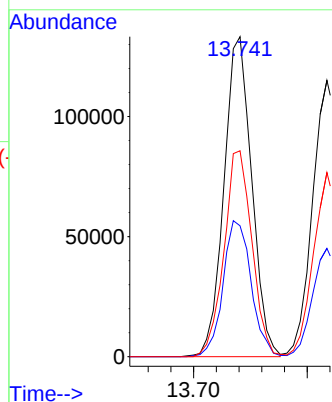
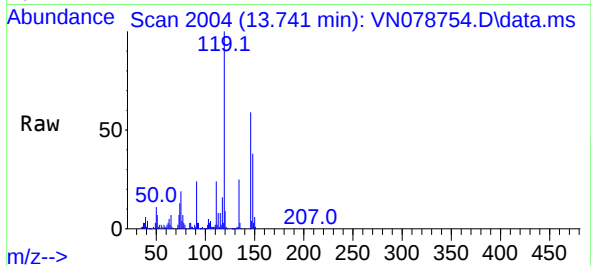




#83  
1,3-Dichlorobenzene  
Concen: 17.161 ug/l  
RT: 13.741 min Scan# 2004  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

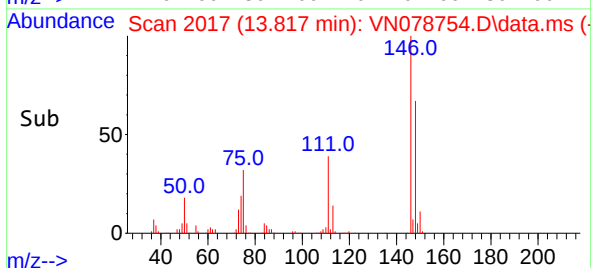
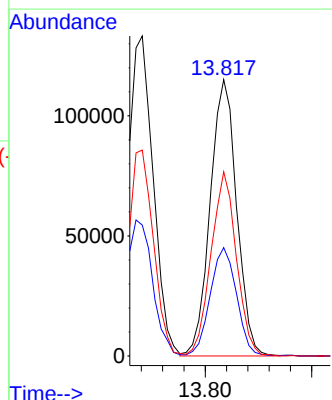
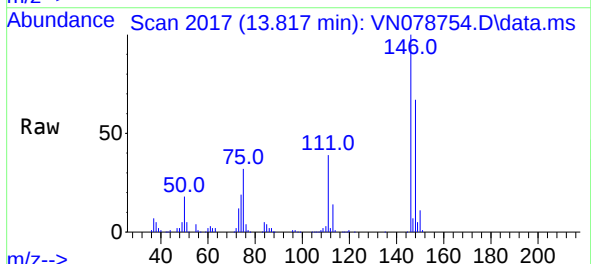
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

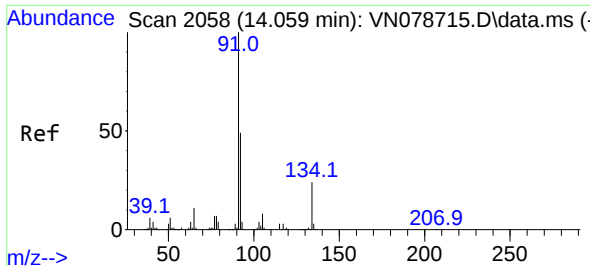
Tgt Ion:146 Resp: 226082  
Ion Ratio Lower Upper  
146 100  
111 43.1 21.6 64.6  
148 64.8 31.9 95.5



#84  
1,4-Dichlorobenzene  
Concen: 16.133 ug/l  
RT: 13.817 min Scan# 2017  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion:146 Resp: 198975  
Ion Ratio Lower Upper  
146 100  
111 38.9 19.4 58.2  
148 62.6 31.4 94.3

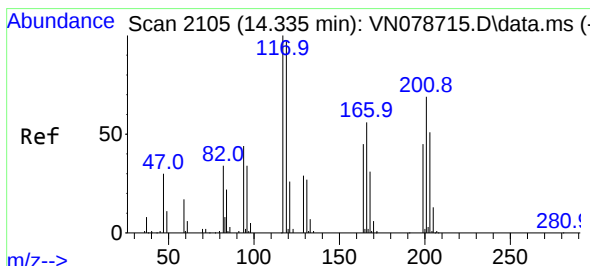
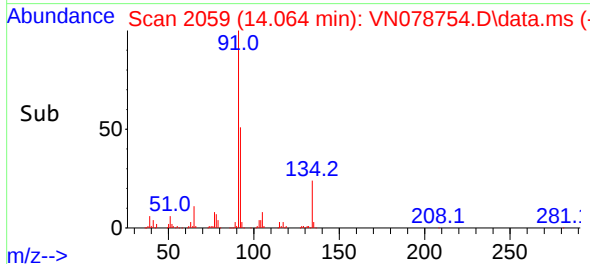
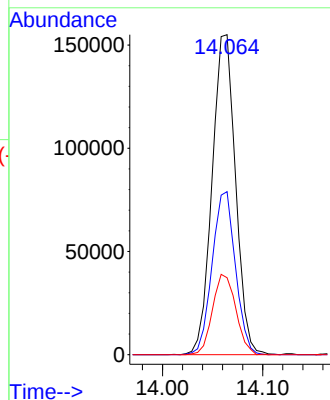
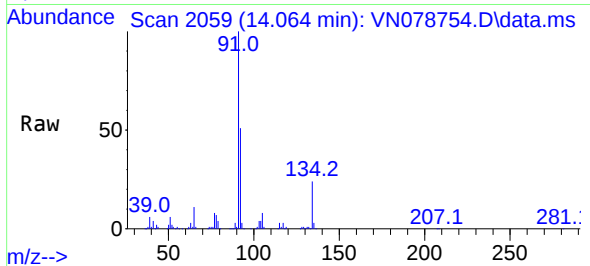




#85  
n-Butylbenzene  
Concen: 14.802 ug/l  
RT: 14.064 min Scan# 2058  
Delta R.T. 0.006 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

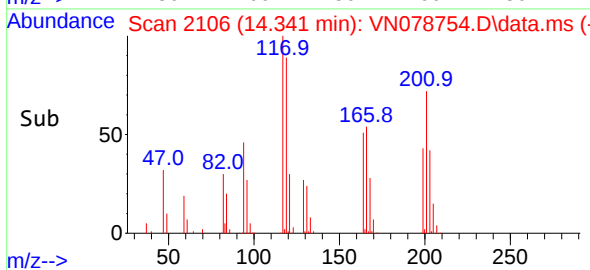
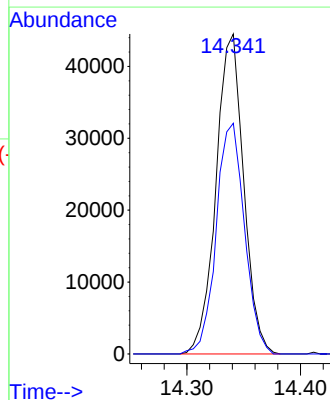
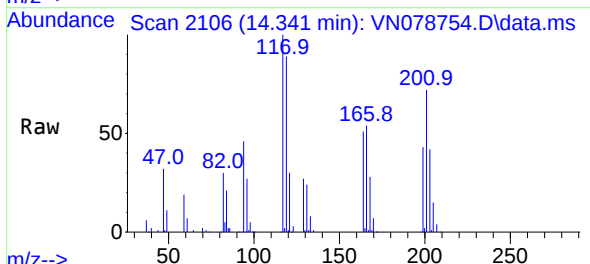
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

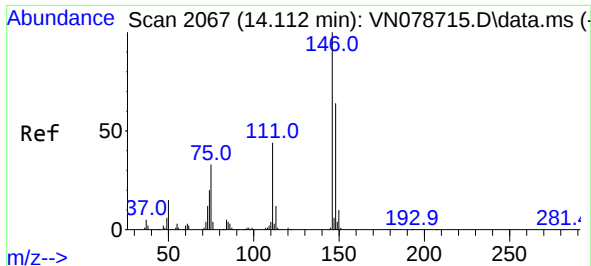
Tgt Ion: 91 Resp: 251581  
Ion Ratio Lower Upper  
91 100  
92 50.6 0.0 99.6  
134 25.0 0.0 50.0



#86  
Hexachloroethane  
Concen: 16.889 ug/l  
RT: 14.341 min Scan# 2106  
Delta R.T. 0.006 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 117 Resp: 75420  
Ion Ratio Lower Upper  
117 100  
201 73.6 34.2 102.6

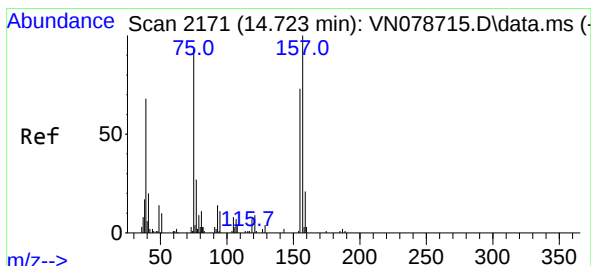
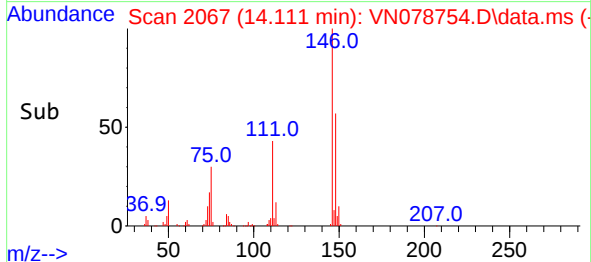
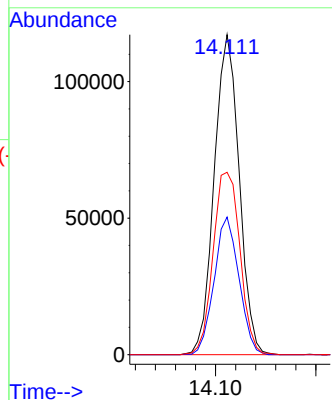
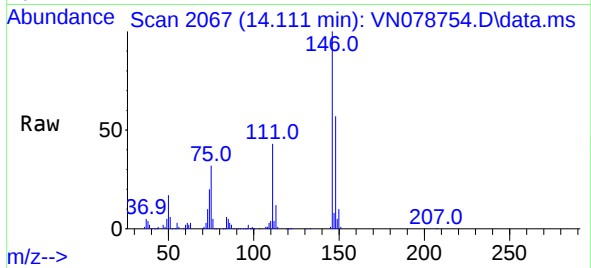




#87  
1,2-Dichlorobenzene  
Concen: 16.427 ug/l  
RT: 14.111 min Scan# 2067  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

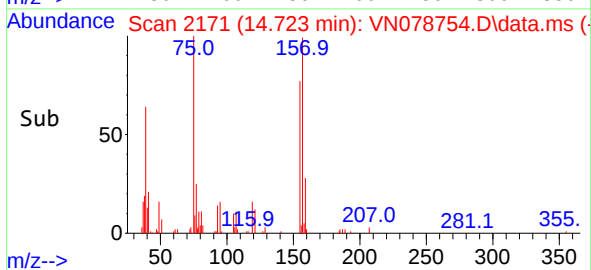
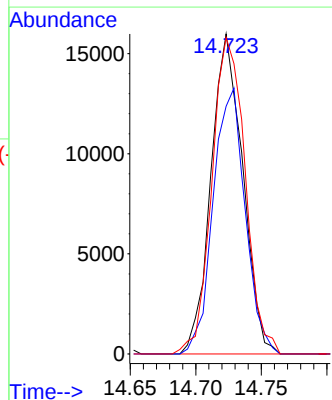
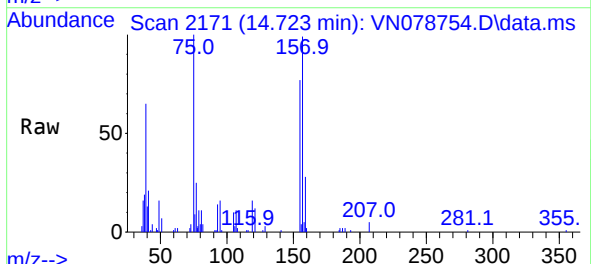
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

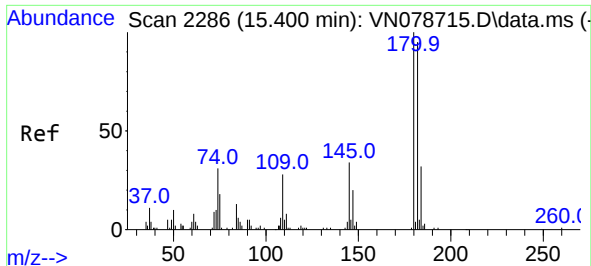
Tgt Ion:146 Resp: 202544  
Ion Ratio Lower Upper  
146 100  
111 42.8 22.4 67.3  
148 61.5 33.4 100.1



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 16.123 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion: 75 Resp: 26959  
Ion Ratio Lower Upper  
75 100  
155 83.5 68.2 102.2  
157 103.3 84.7 127.1

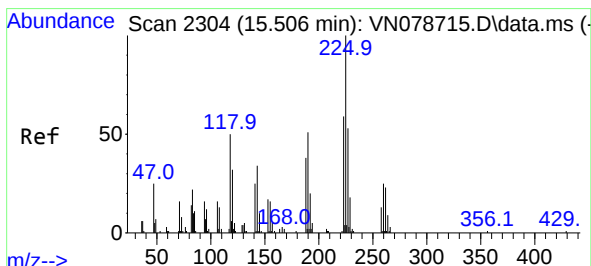
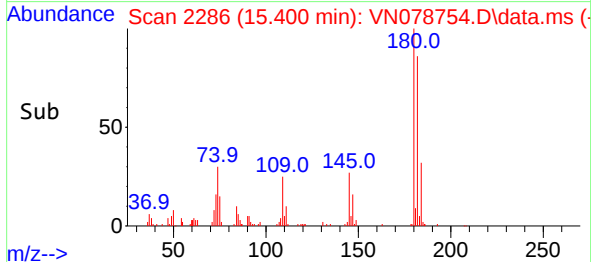
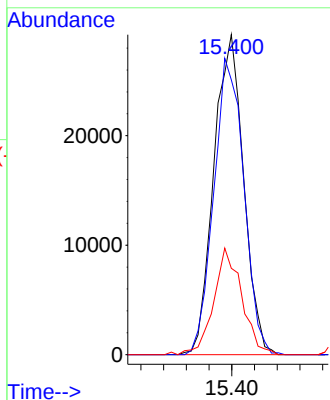
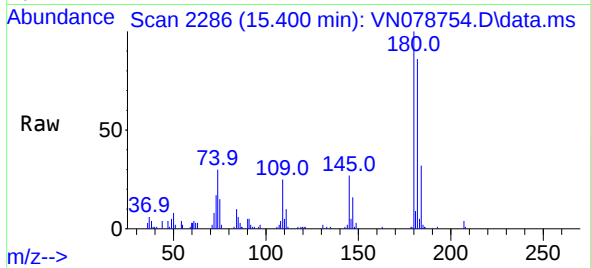




#89  
1,2,4-Trichlorobenzene  
Concen: 15.116 ug/l  
RT: 15.400 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

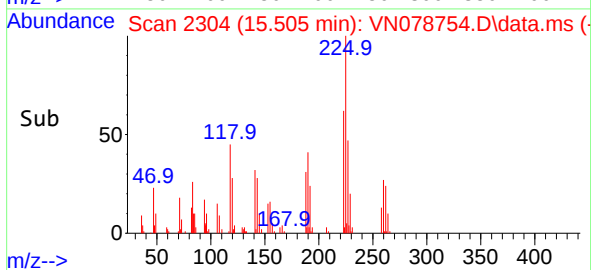
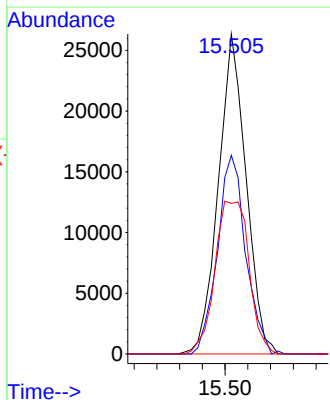
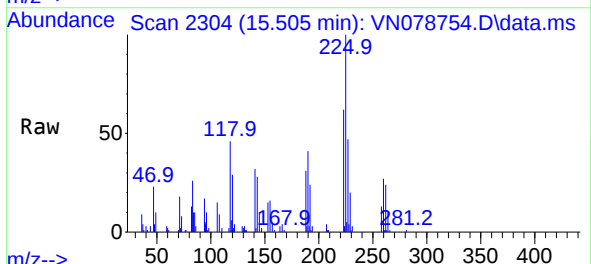
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

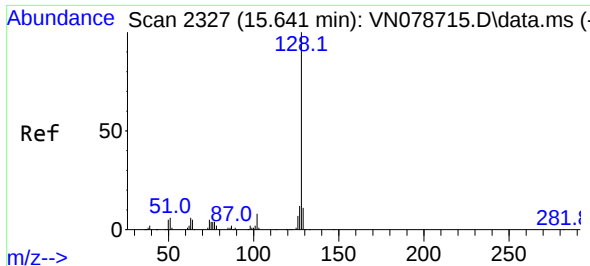
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 53175 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 93.6  | 73.7  | 110.5 |
| 145       | 31.4  | 25.0  | 37.6  |



#90  
Hexachlorobutadiene  
Concen: 16.650 ug/l  
RT: 15.505 min Scan# 2304  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 44620 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 63.3  | 0.0   | 130.0 |
| 227       | 58.7  | 0.0   | 124.0 |

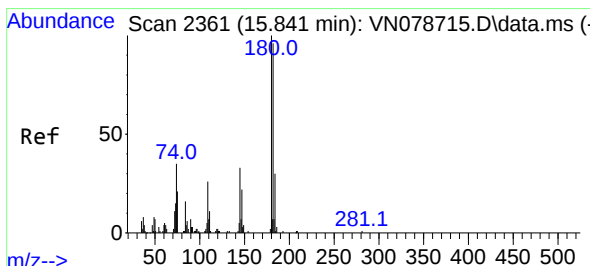
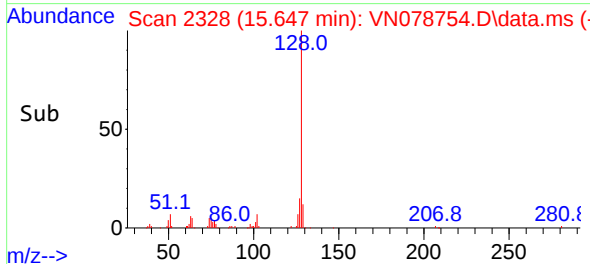
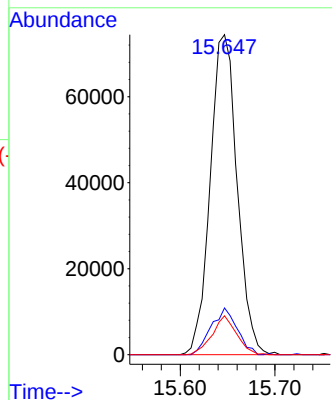
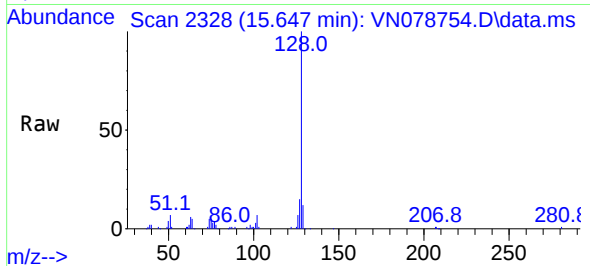




#91  
Naphthalene  
Concen: 13.809 ug/l  
RT: 15.647 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0803WBS02

Tgt Ion:128 Resp: 147162  
Ion Ratio Lower Upper  
128 100  
127 14.1 10.2 15.2  
129 11.0 9.0 13.4



#92  
1,2,3-Trichlorobenzene  
Concen: 15.548 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. -0.000 min  
Lab File: VN078754.D  
Acq: 03 Aug 2023 15:43

Tgt Ion:180 Resp: 62246  
Ion Ratio Lower Upper  
180 100  
182 98.8 0.0 196.4  
145 31.0 0.0 71.0

