

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070924\  
 Data File : VN082836.D  
 Acq On : 09 Jul 2024 13:44  
 Operator : JC\MD  
 Sample : VN0709WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0709WBS01

Quant Time: Jul 10 01:19:38 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 08 13:46:04 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------------|----------|
| -----                        |        |       |          |          |             |          |
| Internal Standards           |        |       |          |          |             |          |
| 1) Pentafluorobenzene        | 8.230  | 168   | 116351   | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106  | 114   | 200519   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 191502   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 88461    | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds  |        |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4    | 8.583  | 65    | 87011    | 53.348   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | = 106.700%  |          |
| 35) Dibromofluoromethane     | 8.171  | 113   | 66846    | 51.952   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 103.900%  |          |
| 50) Toluene-d8               | 10.571 | 98    | 272349   | 57.309   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | = 114.620%# |          |
| 62) 4-Bromofluorobenzene     | 12.853 | 95    | 92551    | 54.216   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 64 - 133 | Recovery | = 108.440%  |          |
| Target Compounds             |        |       |          |          |             | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 36041    | 23.926   | ug/l        | 98       |
| 3) Chloromethane             | 2.360  | 50    | 33194    | 23.236   | ug/l        | 97       |
| 4) Vinyl Chloride            | 2.512  | 62    | 34628    | 23.080   | ug/l        | 97       |
| 5) Bromomethane              | 2.954  | 94    | 24199    | 22.370   | ug/l        | 95       |
| 6) Chloroethane              | 3.112  | 64    | 23997    | 23.373   | ug/l        | 93       |
| 7) Trichlorofluoromethane    | 3.495  | 101   | 43651    | 20.229   | ug/l        | 95       |
| 8) Diethyl Ether             | 3.965  | 74    | 14723    | 19.936   | ug/l        | 80       |
| 9) 1,1,2-Trichlorotrifluo... | 4.359  | 101   | 25562    | 20.930   | ug/l        | 96       |
| 10) Methyl Iodide            | 4.589  | 142   | 23485    | 18.756   | ug/l        | 96       |
| 11) Tert butyl alcohol       | 5.530  | 59    | 25135    | 91.625   | ug/l #      | 82       |
| 12) 1,1-Dichloroethene       | 4.336  | 96    | 22819    | 19.212   | ug/l        | 92       |
| 13) Acrolein                 | 4.183  | 56    | 19624    | 99.083   | ug/l        | 100      |
| 14) Allyl chloride           | 5.018  | 41    | 36985    | 19.971   | ug/l        | 91       |
| 15) Acrylonitrile            | 5.730  | 53    | 62760    | 99.549   | ug/l        | 99       |
| 16) Acetone                  | 4.436  | 43    | 57793    | 100.644  | ug/l        | 97       |
| 17) Carbon Disulfide         | 4.712  | 76    | 67614    | 19.050   | ug/l        | 98       |
| 18) Methyl Acetate           | 5.030  | 43    | 30401    | 20.008   | ug/l #      | 89       |
| 19) Methyl tert-butyl Ether  | 5.795  | 73    | 76071    | 18.567   | ug/l        | 98       |
| 20) Methylene Chloride       | 5.283  | 84    | 26444    | 19.069   | ug/l #      | 83       |
| 21) trans-1,2-Dichloroethene | 5.789  | 96    | 24597    | 19.112   | ug/l        | 88       |
| 22) Diisopropyl ether        | 6.677  | 45    | 78244    | 20.195   | ug/l #      | 90       |
| 23) Vinyl Acetate            | 6.606  | 43    | 304900   | 99.096   | ug/l #      | 93       |
| 24) 1,1-Dichloroethane       | 6.571  | 63    | 47599    | 20.254   | ug/l        | 98       |
| 25) 2-Butanone               | 7.489  | 43    | 87289    | 100.672  | ug/l #      | 88       |
| 26) 2,2-Dichloropropane      | 7.494  | 77    | 43697    | 19.998   | ug/l        | 96       |
| 27) cis-1,2-Dichloroethene   | 7.489  | 96    | 29290    | 19.440   | ug/l        | 88       |
| 28) Bromochloromethane       | 7.812  | 49    | 26375    | 26.161   | ug/l #      | 83       |
| 29) Tetrahydrofuran          | 7.841  | 42    | 57248    | 104.876  | ug/l #      | 88       |
| 30) Chloroform               | 7.965  | 83    | 50878    | 20.407   | ug/l        | 98       |
| 31) Cyclohexane              | 8.253  | 56    | 41303    | 19.370   | ug/l        | 96       |
| 32) 1,1,1-Trichloroethane    | 8.171  | 97    | 45750    | 19.764   | ug/l        | 97       |
| 36) 1,1-Dichloropropene      | 8.371  | 75    | 34627    | 19.519   | ug/l        | 97       |
| 37) Ethyl Acetate            | 7.559  | 43    | 36527    | 20.224   | ug/l        | 98       |
| 38) Carbon Tetrachloride     | 8.365  | 117   | 40698    | 19.054   | ug/l        | 94       |
| 39) Methylcyclohexane        | 9.606  | 83    | 36502    | 19.049   | ug/l        | 92       |
| 40) Benzene                  | 8.606  | 78    | 109932   | 20.146   | ug/l        | 99       |

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 Sample : VN0709WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0709WBS01

Quant Time: Jul 10 01:19:38 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 08 13:46:04 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 41) Methacrylonitrile         | 7.783  | 41   | 17697    | 18.188  | ug/l  | # 90     |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 38366    | 19.530  | ug/l  | 94       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 65273    | 17.222  | ug/l  | 95       |
| 44) Trichloroethene           | 9.353  | 130  | 26296    | 18.809  | ug/l  | 97       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 27030    | 21.217  | ug/l  | 98       |
| 46) Dibromomethane            | 9.712  | 93   | 20458    | 20.613  | ug/l  | 99       |
| 47) Bromodichloromethane      | 9.888  | 83   | 41005    | 19.995  | ug/l  | 98       |
| 48) Methyl methacrylate       | 9.683  | 41   | 27899    | 19.700  | ug/l  | # 88     |
| 49) 1,4-Dioxane               | 9.700  | 88   | 12525    | 401.160 | ug/l  | # 89     |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 201059   | 112.291 | ug/l  | 95       |
| 52) Toluene                   | 10.630 | 92   | 72337    | 21.221  | ug/l  | 100      |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 43322    | 20.506  | ug/l  | 98       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 44936    | 20.095  | ug/l  | # 88     |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 28635    | 22.845  | ug/l  | 93       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 41542    | 21.302  | ug/l  | 89       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 47934    | 21.604  | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 95223    | 95.160  | ug/l  | 96       |
| 59) 2-Hexanone                | 11.200 | 43   | 154095   | 115.755 | ug/l  | 95       |
| 60) Dibromochloromethane      | 11.359 | 129  | 33209    | 20.801  | ug/l  | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 28246    | 21.220  | ug/l  | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 27820    | 19.472  | ug/l  | 93       |
| 65) Chlorobenzene             | 11.894 | 112  | 79809    | 19.449  | ug/l  | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 28618    | 19.606  | ug/l  | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 131755   | 19.104  | ug/l  | 99       |
| 68) m/p-Xylenes               | 12.071 | 106  | 101049   | 38.808  | ug/l  | 98       |
| 69) o-Xylene                  | 12.400 | 106  | 47800    | 19.159  | ug/l  | 95       |
| 70) Styrene                   | 12.412 | 104  | 79558    | 19.299  | ug/l  | 99       |
| 71) Bromoform                 | 12.582 | 173  | 22612    | 19.698  | ug/l  | # 100    |
| 73) Isopropylbenzene          | 12.694 | 105  | 121018   | 18.827  | ug/l  | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 52493    | 19.743  | ug/l  | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 39425    | 20.479  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 53873    | 35.324  | ug/l  | 41       |
| 77) Bromobenzene              | 12.982 | 156  | 31306    | 18.878  | ug/l  | 97       |
| 78) n-propylbenzene           | 13.035 | 91   | 144160   | 19.506  | ug/l  | 98       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 89438    | 18.993  | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 101440   | 19.523  | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 16266    | 20.976  | ug/l  | 90       |
| 82) 4-Chlorotoluene           | 13.224 | 91   | 89223    | 19.142  | ug/l  | 97       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 83485    | 18.124  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 102865   | 19.424  | ug/l  | 100      |
| 85) sec-Butylbenzene          | 13.618 | 105  | 119403   | 19.182  | ug/l  | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 98695    | 19.004  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 56800    | 18.961  | ug/l  | 98       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 56529    | 18.246  | ug/l  | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 81862    | 18.398  | ug/l  | 99       |
| 90) Hexachloroethane          | 14.335 | 117  | 20929    | 19.045  | ug/l  | 98       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 56272    | 19.347  | ug/l  | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 8615     | 19.343  | ug/l  | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 28743    | 18.346  | ug/l  | 98       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 12256    | 17.646  | ug/l  | 98       |
| 95) Naphthalene               | 15.641 | 128  | 91194    | 16.994  | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 28366    | 17.609  | ug/l  | 96       |

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Sample : VN0709WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

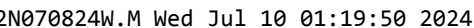
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

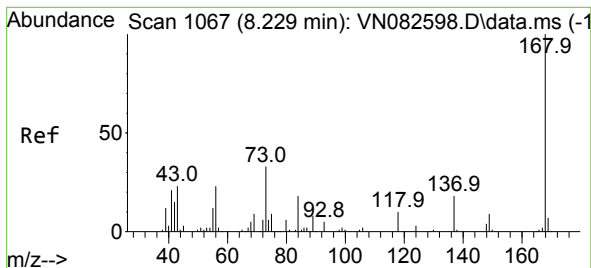
Quant Time: Jul 10 01:19:38 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 08 13:46:04 2024  
Response via : Initial Calibration

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

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

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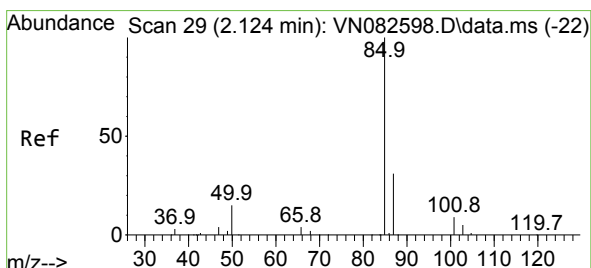
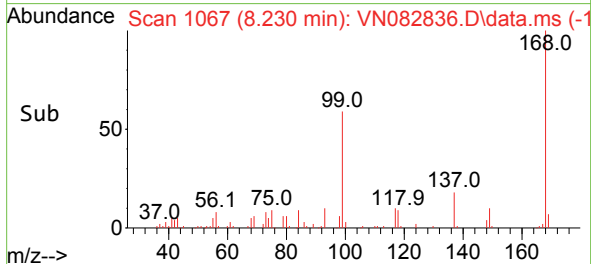
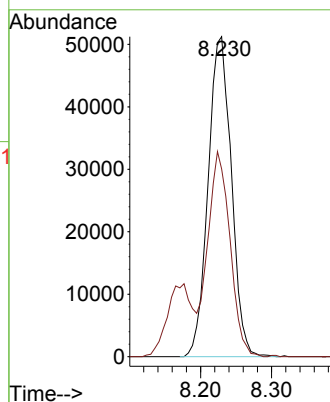
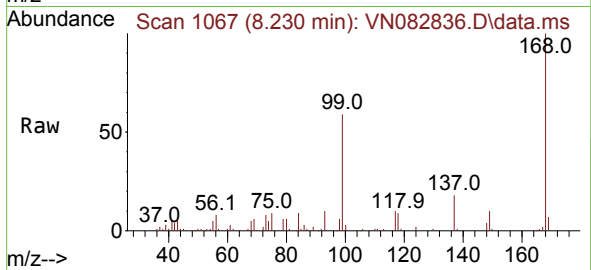




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. 0.001 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

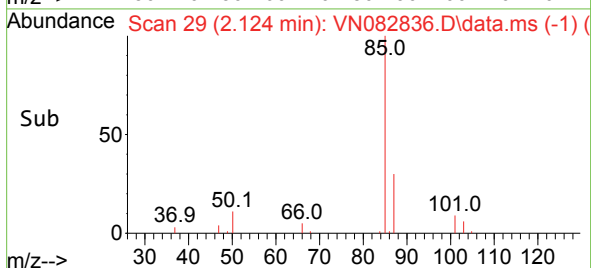
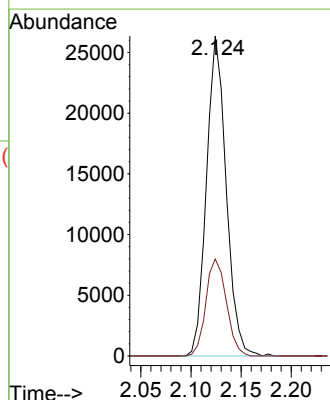
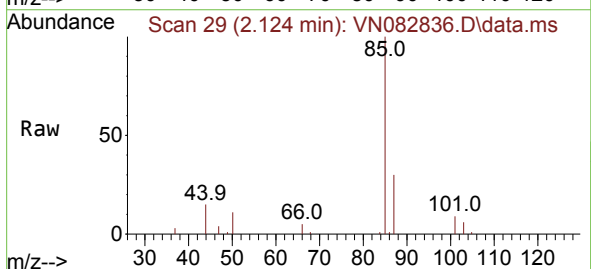
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

Tgt Ion:168 Resp: 116351  
Ion Ratio Lower Upper  
168 100  
99 58.6 48.2 72.4



#2  
Dichlorodifluoromethane  
Concen: 23.926 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion: 85 Resp: 36041  
Ion Ratio Lower Upper  
85 100  
87 30.3 15.7 47.0

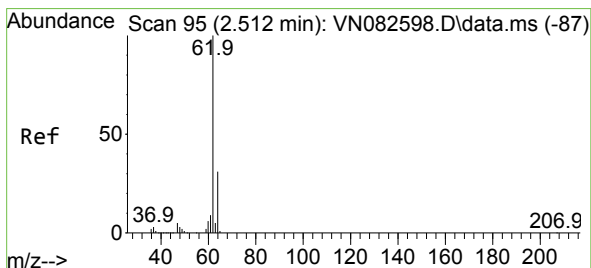
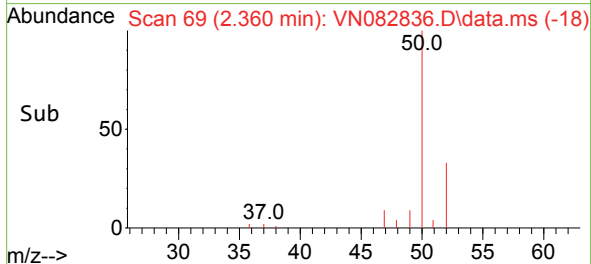
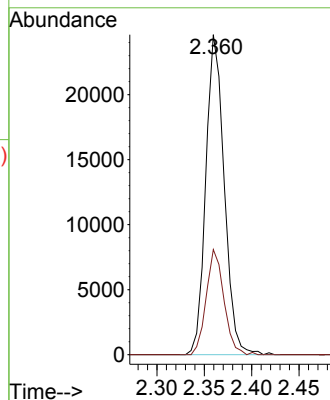
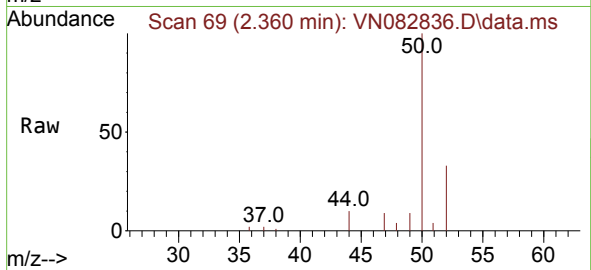




#3  
Chloromethane  
Concen: 23.236 ug/l  
RT: 2.360 min Scan# 69  
Delta R.T. 0.001 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

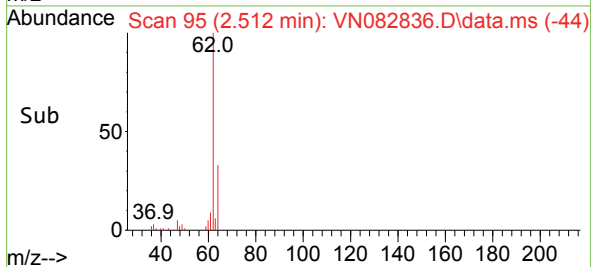
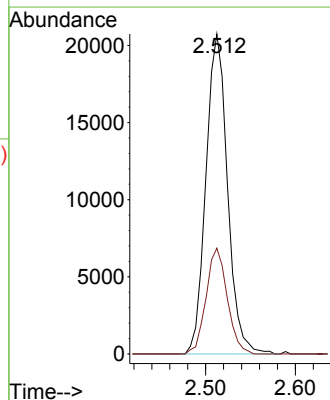
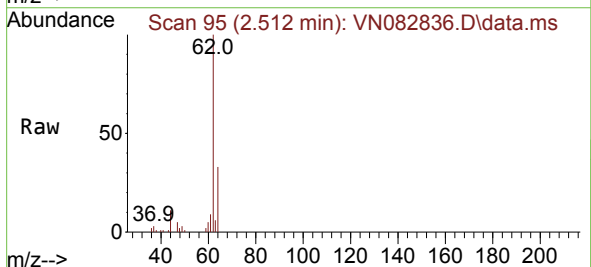
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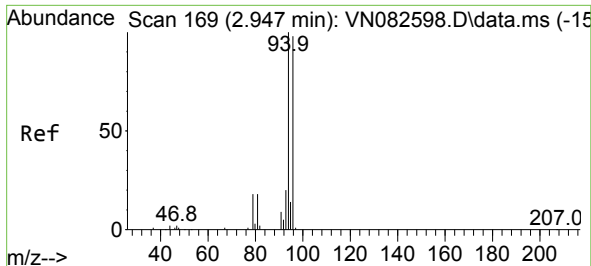
Tgt Ion: 50 Resp: 33194  
Ion Ratio Lower Upper  
50 100  
52 32.9 25.0 37.4



#4  
Vinyl Chloride  
Concen: 23.080 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion: 62 Resp: 34628  
Ion Ratio Lower Upper  
62 100  
64 33.1 25.0 37.6

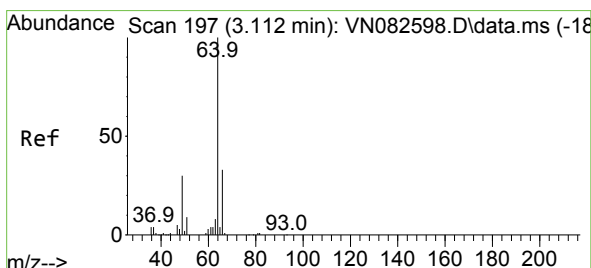
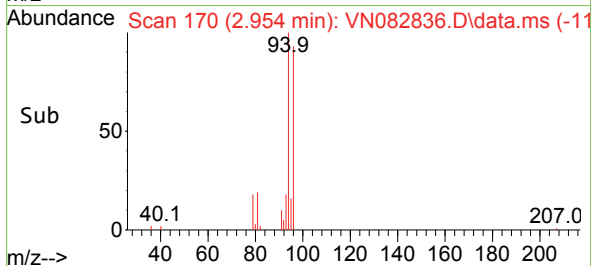
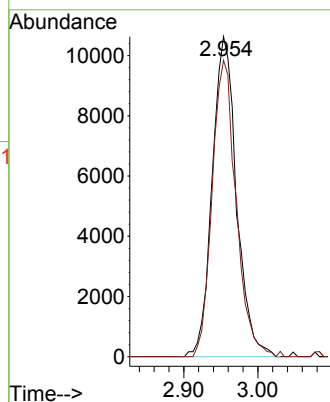
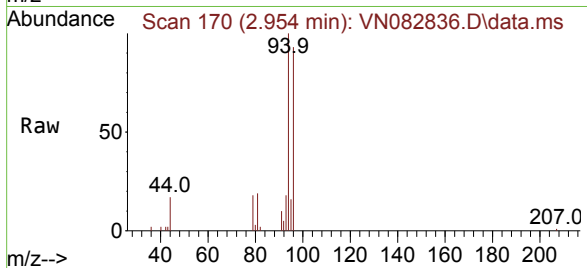




#5  
Bromomethane  
Concen: 22.370 ug/l  
RT: 2.954 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

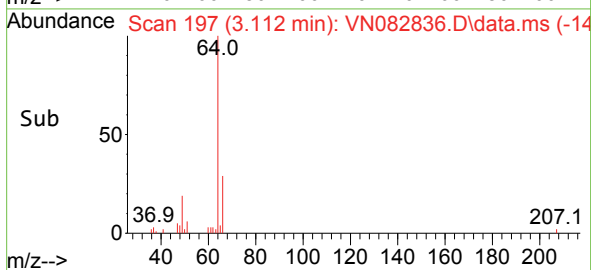
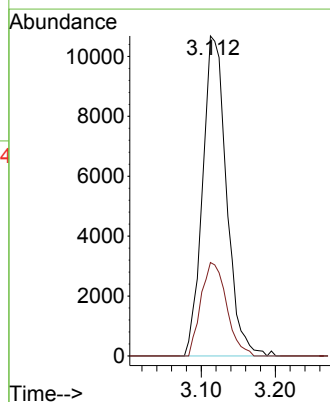
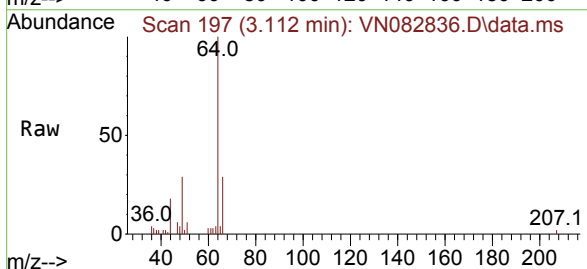
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

Tgt Ion: 94 Resp: 24199  
Ion Ratio Lower Upper  
94 100  
96 92.6 78.0 117.0



#6  
Chloroethane  
Concen: 23.373 ug/l  
RT: 3.112 min Scan# 197  
Delta R.T. 0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion: 64 Resp: 23997  
Ion Ratio Lower Upper  
64 100  
66 29.2 26.6 40.0

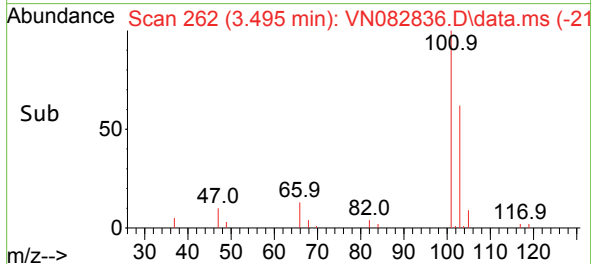
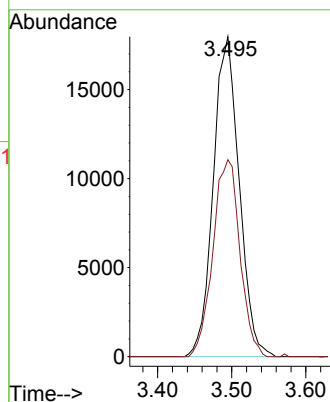
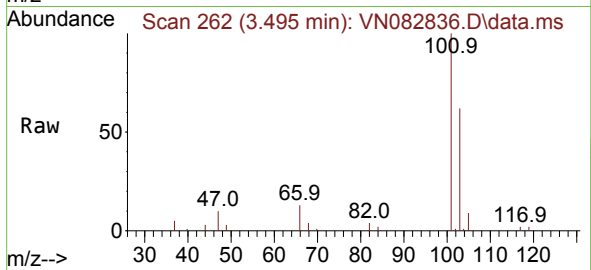




#7  
Trichlorofluoromethane  
Concen: 20.229 ug/l  
RT: 3.495 min Scan# 20  
Delta R.T. 0.001 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

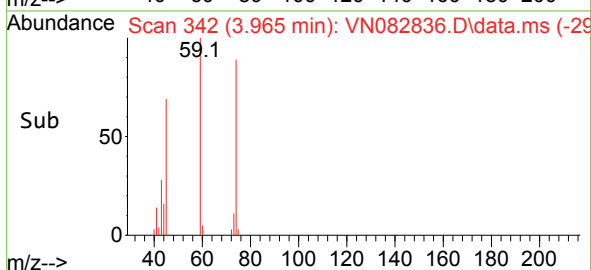
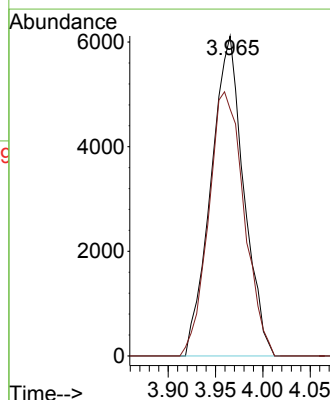
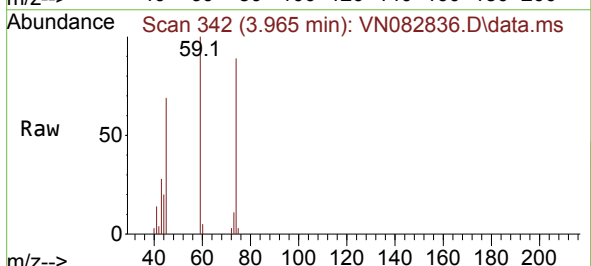
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

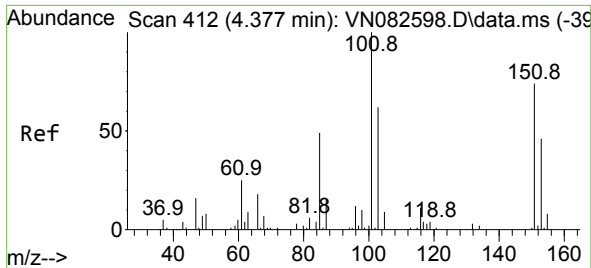
Tgt Ion:101 Resp: 43651  
Ion Ratio Lower Upper  
101 100  
103 61.6 52.7 79.1



#8  
Diethyl Ether  
Concen: 19.936 ug/l  
RT: 3.965 min Scan# 342  
Delta R.T. 0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion: 74 Resp: 14723  
Ion Ratio Lower Upper  
74 100  
45 89.3 55.5 166.3

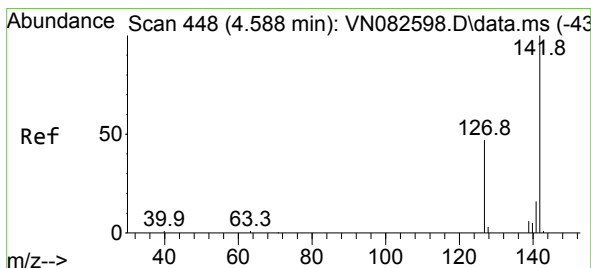
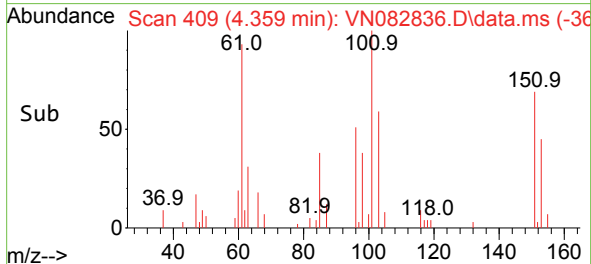
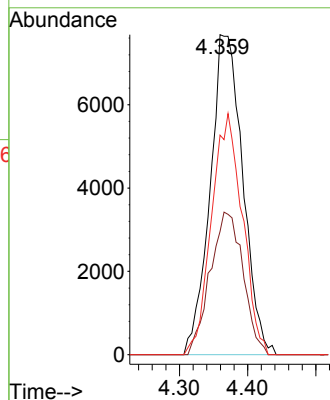
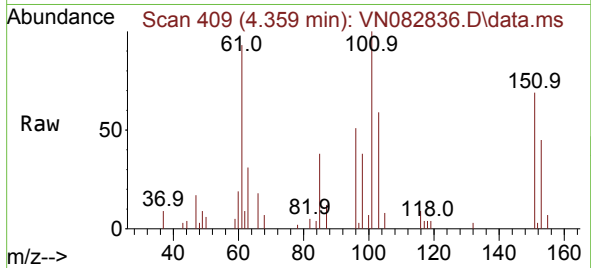




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.930 ug/l  
RT: 4.359 min Scan# 409  
Delta R.T. -0.018 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

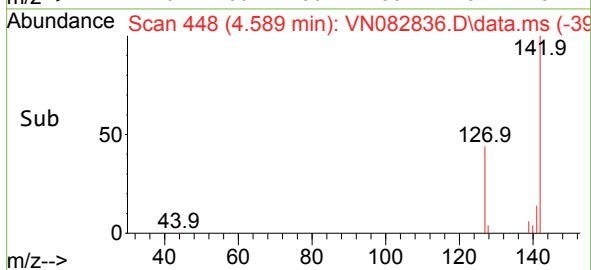
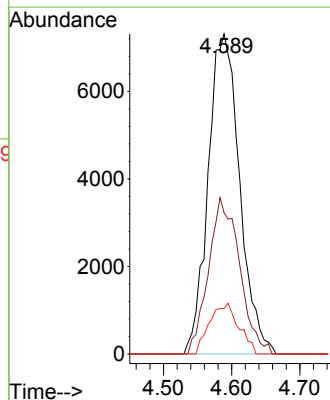
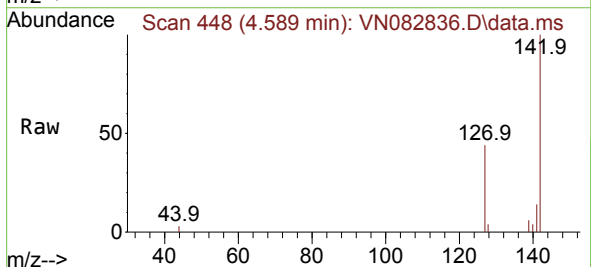
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

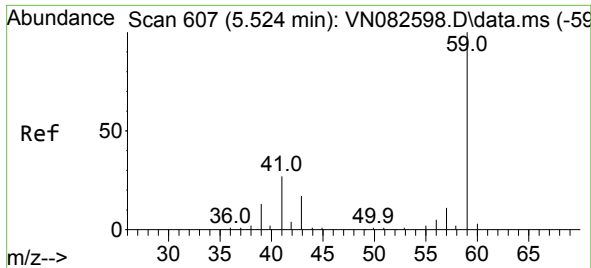
Tgt Ion:101 Resp: 25562  
Ion Ratio Lower Upper  
101 100  
85 44.9 38.3 57.5  
151 71.3 59.3 88.9



#10  
Methyl Iodide  
Concen: 18.756 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.001 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion:142 Resp: 23485  
Ion Ratio Lower Upper  
142 100  
127 44.1 37.5 56.3  
141 14.2 13.1 19.7

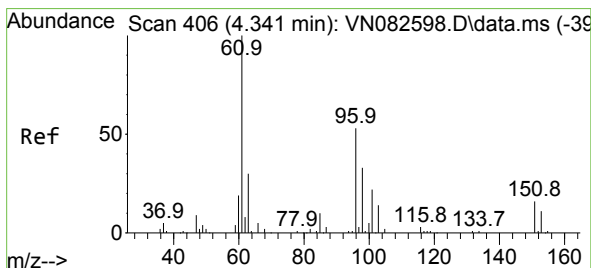
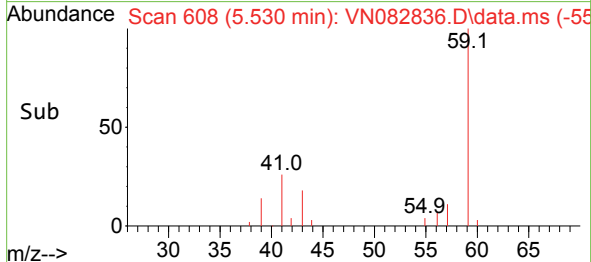
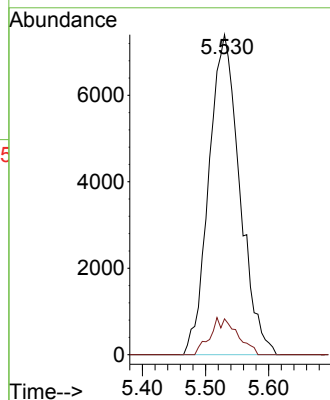
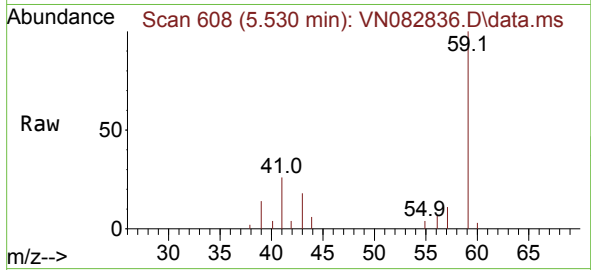




#11  
Tert butyl alcohol  
Concen: 91.625 ug/l  
RT: 5.530 min Scan# 607  
Delta R.T. 0.006 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

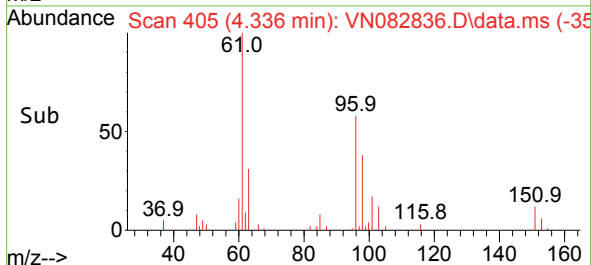
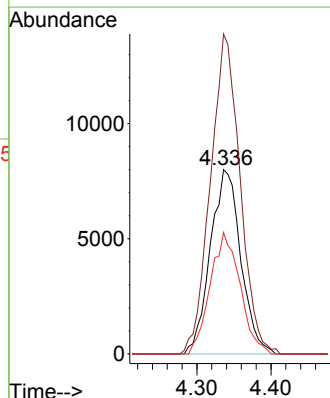
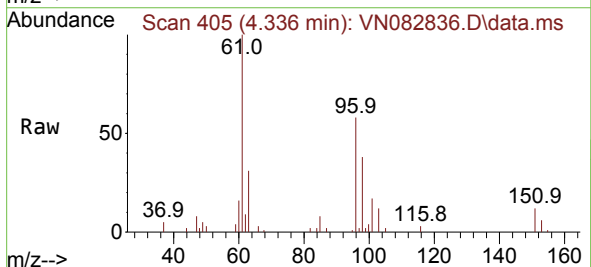
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

Tgt Ion: 59 Resp: 25135  
Ion Ratio Lower Upper  
59 100  
57 4.4 8.9 13.3#



#12  
1,1-Dichloroethene  
Concen: 19.212 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.005 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion: 96 Resp: 22819  
Ion Ratio Lower Upper  
96 100  
61 173.5 149.7 224.5  
98 65.9 50.1 75.1

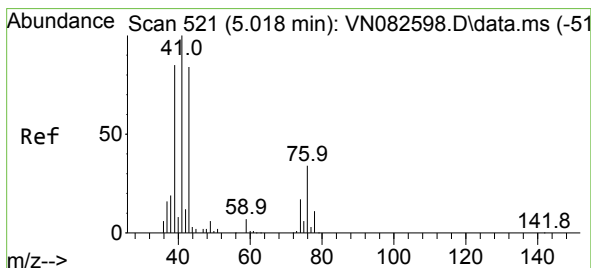
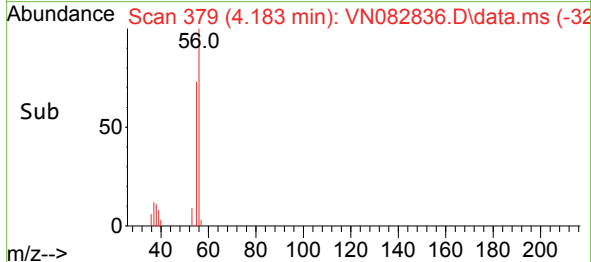
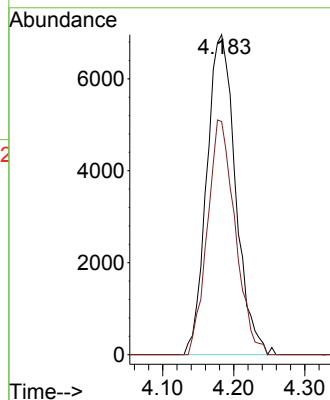
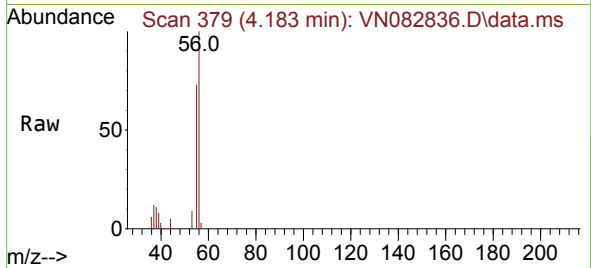




#13  
Acrolein  
Concen: 99.083 ug/l  
RT: 4.183 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

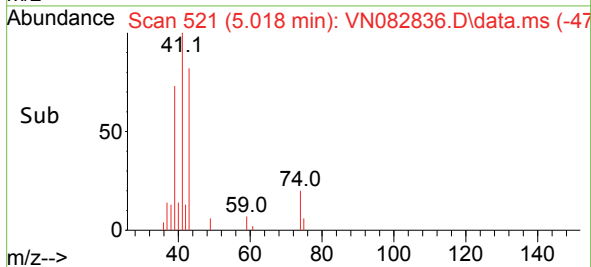
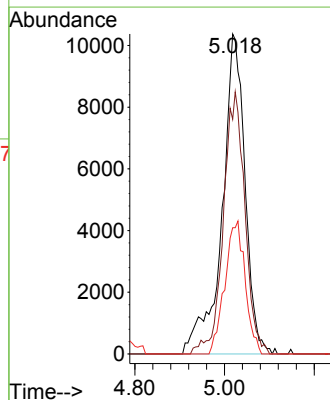
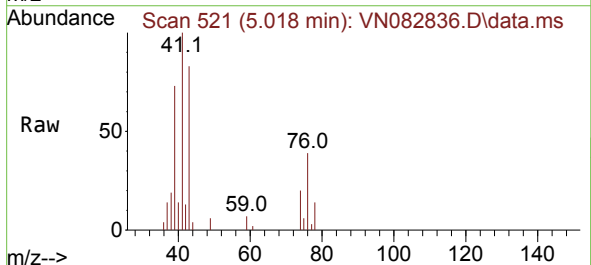
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

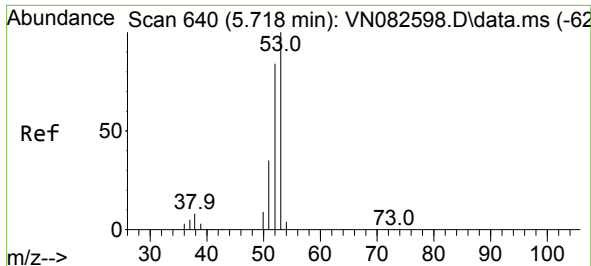
Tgt Ion: 56 Resp: 19624  
Ion Ratio Lower Upper  
56 100  
55 70.6 56.4 84.6



#14  
Allyl chloride  
Concen: 19.971 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion: 41 Resp: 36985  
Ion Ratio Lower Upper  
41 100  
39 76.6 67.8 101.6  
76 36.6 25.8 38.8

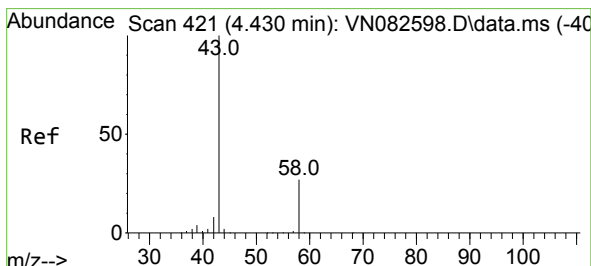
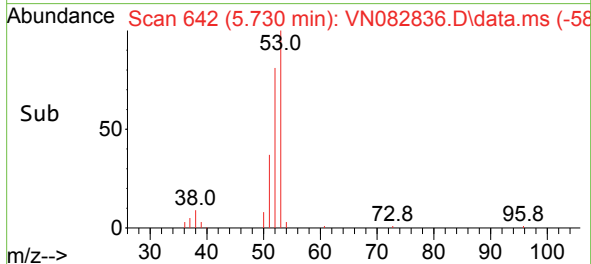
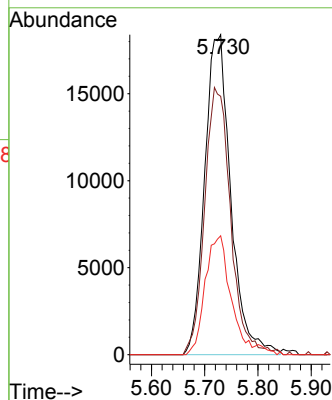
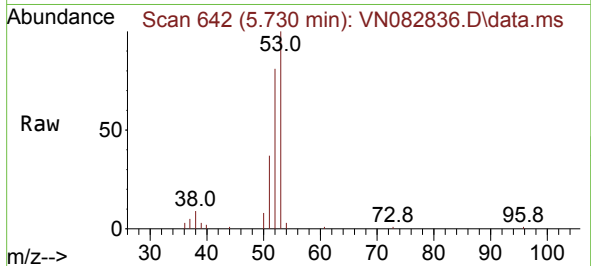




#15  
Acrylonitrile  
Concen: 99.549 ug/l  
RT: 5.730 min Scan# 640  
Delta R.T. 0.012 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

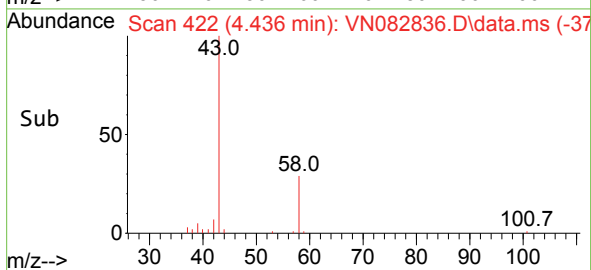
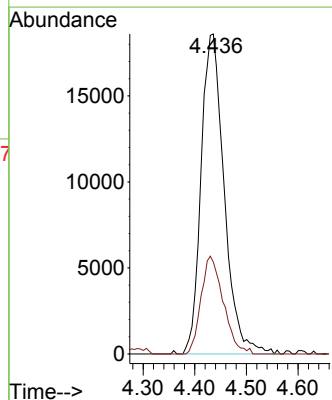
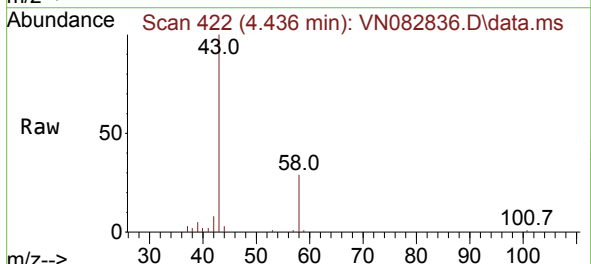
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

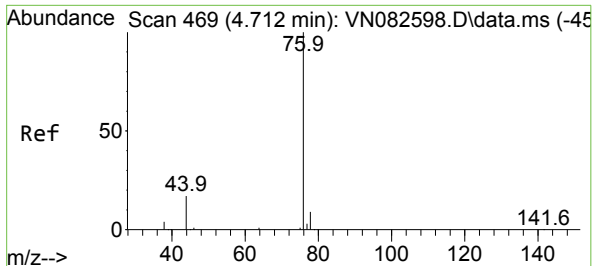
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 62760 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 83.1  | 66.6  | 100.0 |
| 51       | 36.2  | 30.1  | 45.1  |



#16  
Acetone  
Concen: 100.644 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. 0.006 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 57793 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 28.8  | 21.8  | 32.6  |

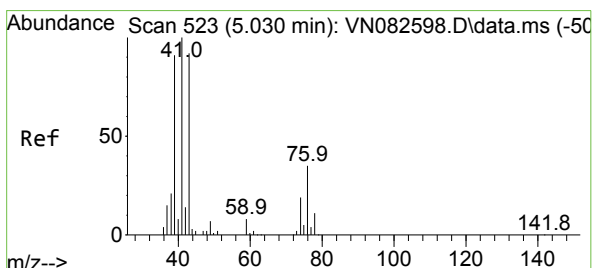
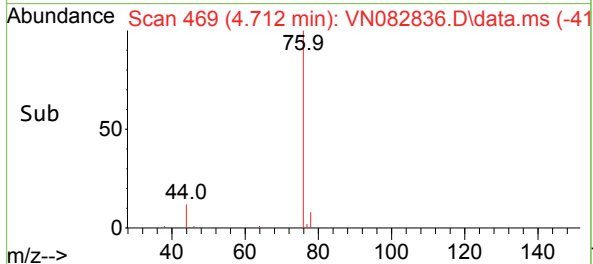
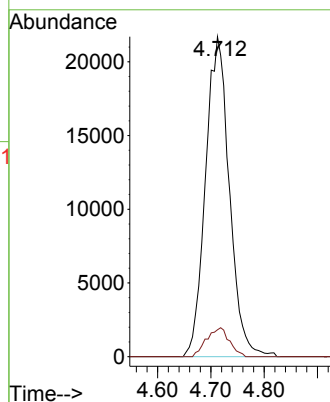
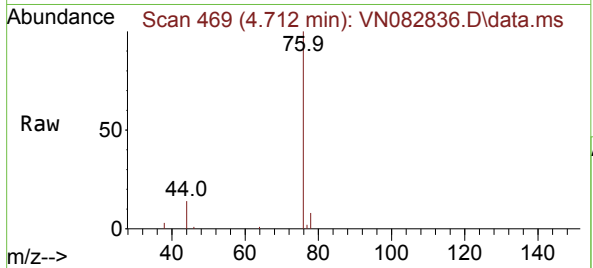




#17  
Carbon Disulfide  
Concen: 19.050 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

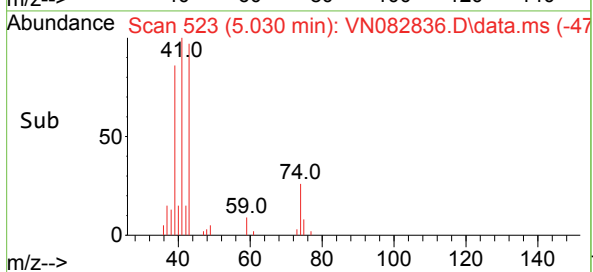
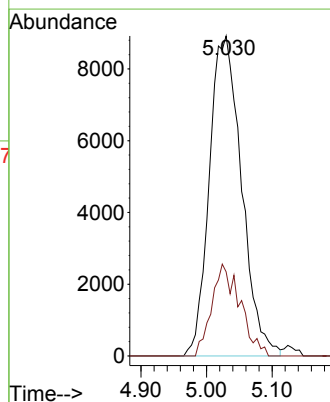
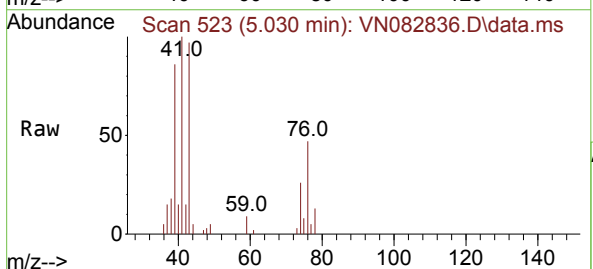
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

Tgt Ion: 76 Resp: 67614  
Ion Ratio Lower Upper  
76 100  
78 8.4 7.2 10.8



#18  
Methyl Acetate  
Concen: 20.008 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. -0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion: 43 Resp: 30401  
Ion Ratio Lower Upper  
43 100  
74 25.3 16.3 24.5#

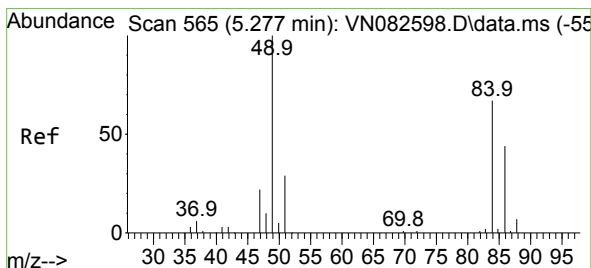
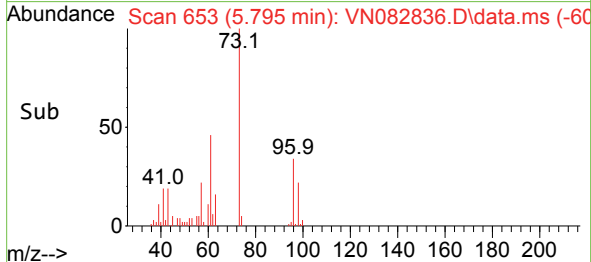
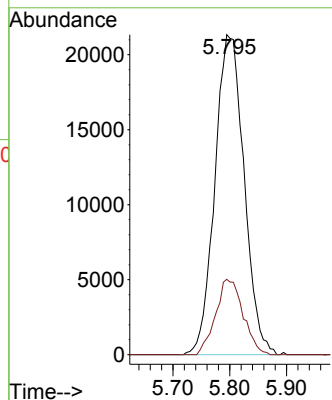
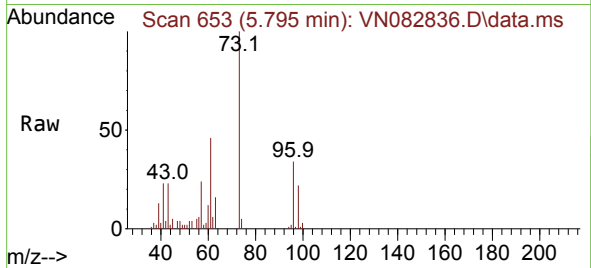




#19  
Methyl tert-butyl Ether  
Concen: 18.567 ug/l  
RT: 5.795 min Scan# 61  
Delta R.T. -0.005 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

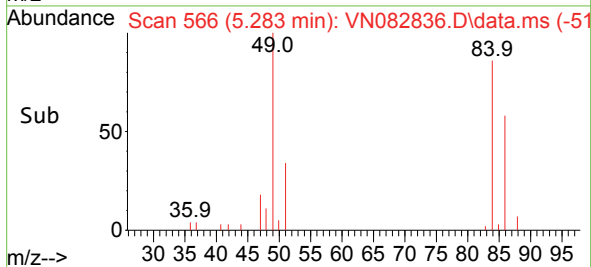
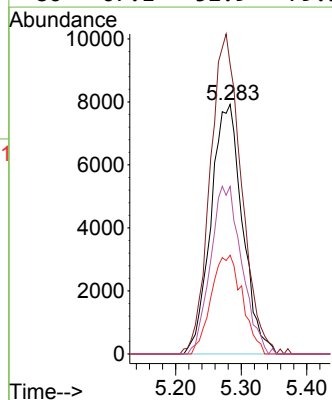
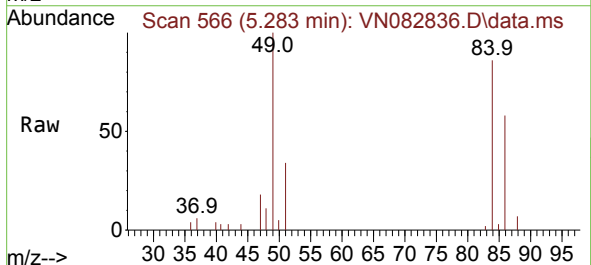
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

Tgt Ion: 73 Resp: 76071  
Ion Ratio Lower Upper  
73 100  
57 23.5 17.9 26.9



#20  
Methylene Chloride  
Concen: 19.069 ug/l  
RT: 5.283 min Scan# 566  
Delta R.T. 0.006 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion: 84 Resp: 26444  
Ion Ratio Lower Upper  
84 100  
49 116.0 119.6 179.4#  
51 39.5 34.8 52.2  
86 67.1 52.9 79.3

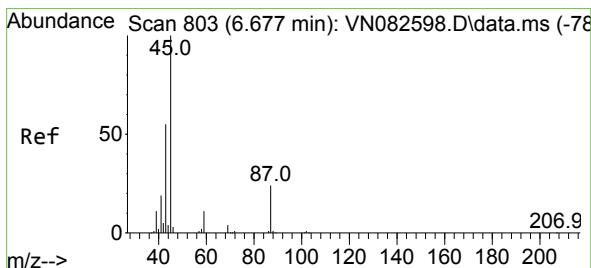
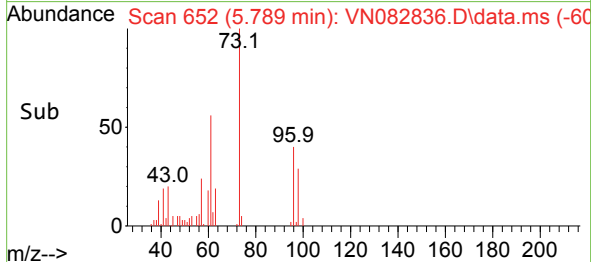
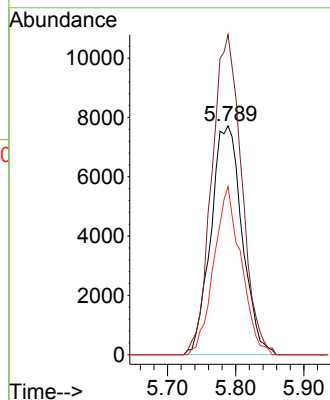
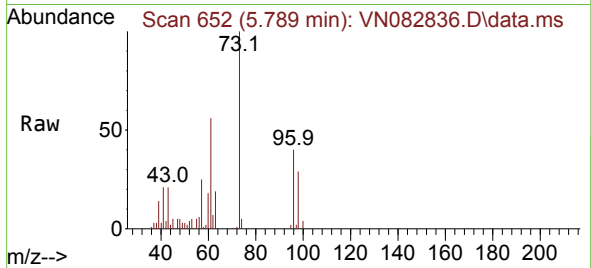




#21  
trans-1,2-Dichloroethene  
Concen: 19.112 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. 0.001 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

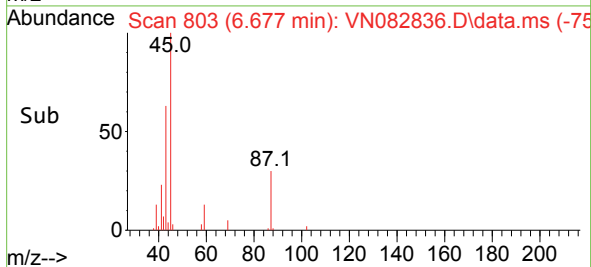
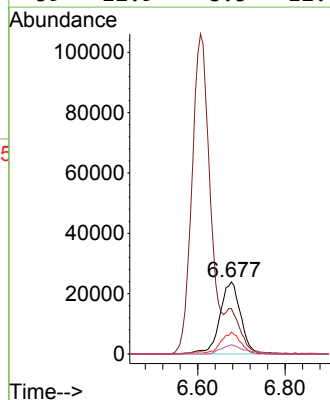
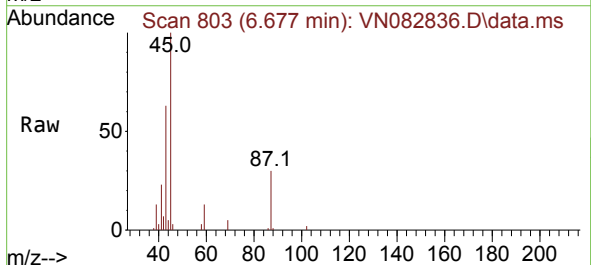
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

Tgt Ion: 96 Resp: 24597  
Ion Ratio Lower Upper  
96 100  
61 139.8 123.4 185.2  
98 73.4 49.3 73.9



#22  
Diisopropyl ether  
Concen: 20.195 ug/l  
RT: 6.677 min Scan# 803  
Delta R.T. -0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion: 45 Resp: 78244  
Ion Ratio Lower Upper  
45 100  
43 62.0 44.0 66.0  
87 30.4 19.7 29.5#  
59 12.9 8.5 12.7#

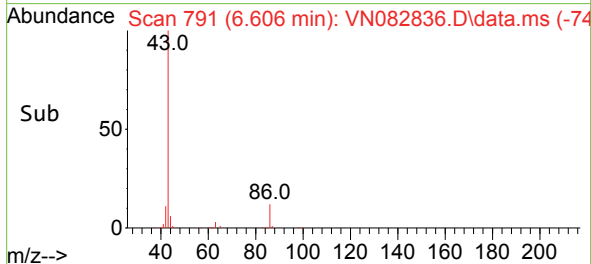
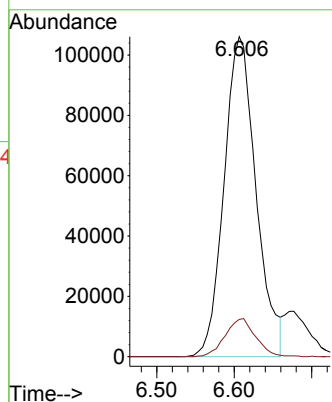
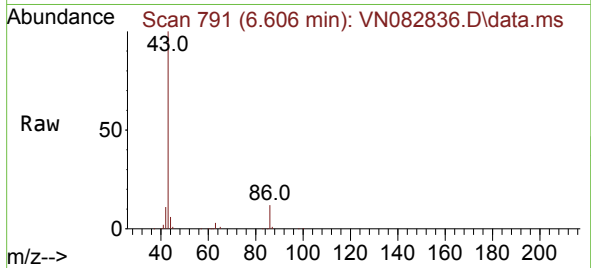




#23  
 Vinyl Acetate  
 Concen: 99.096 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.000 min  
 Lab File: VN082836.D  
 Acq: 09 Jul 2024 13:44

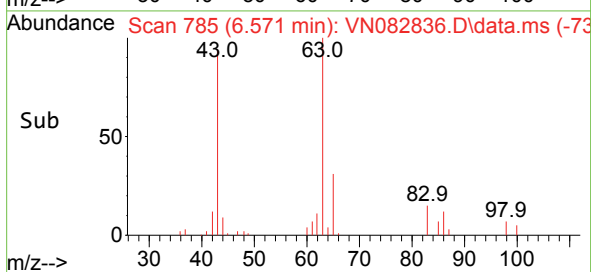
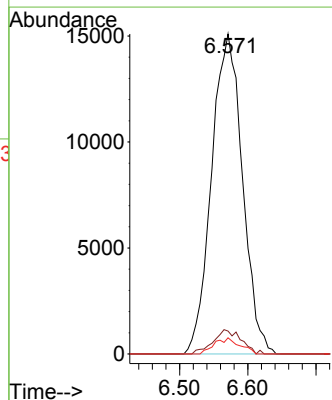
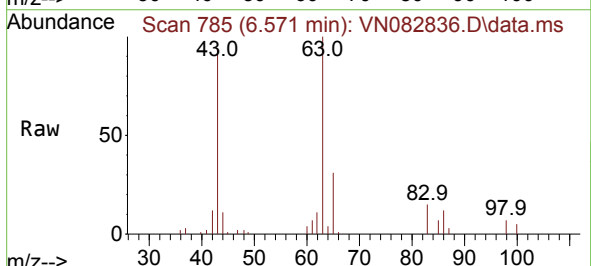
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0709WBS01

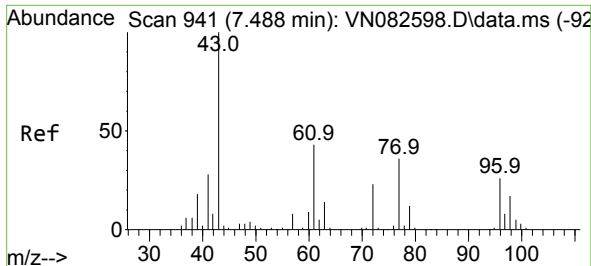
Tgt Ion: 43 Resp: 304900  
 Ion Ratio Lower Upper  
 43 100  
 86 11.6 7.3 10.9#



#24  
 1,1-Dichloroethane  
 Concen: 20.254 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.000 min  
 Lab File: VN082836.D  
 Acq: 09 Jul 2024 13:44

Tgt Ion: 63 Resp: 47599  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.3 9.9  
 100 5.1 2.0 6.0

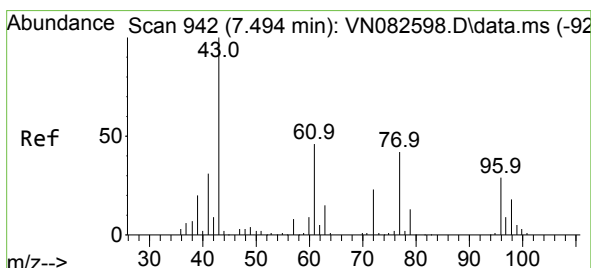
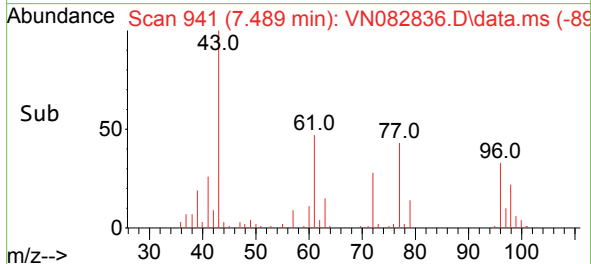
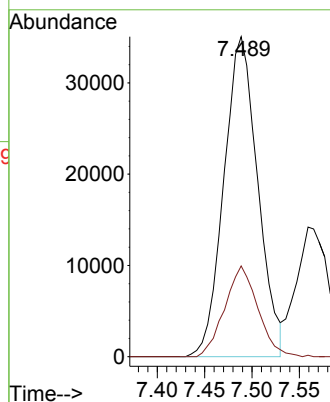
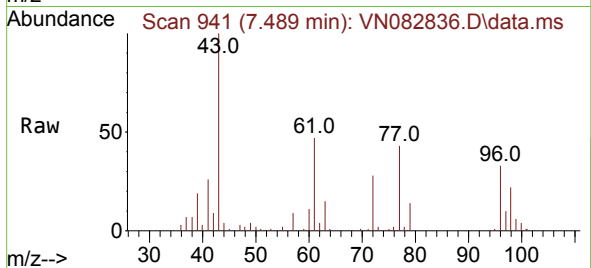




#25  
2-Butanone  
Concen: 100.672 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.001 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

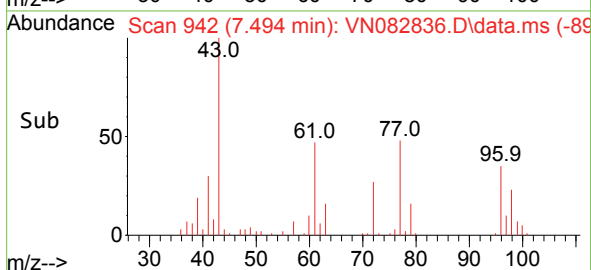
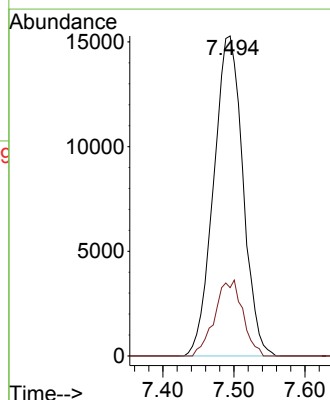
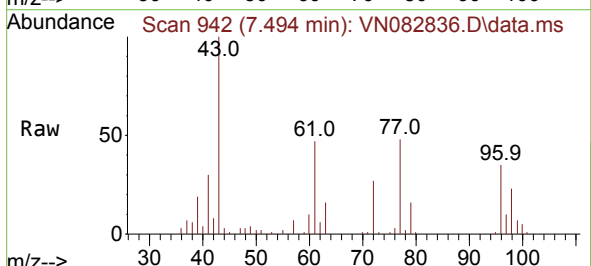
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

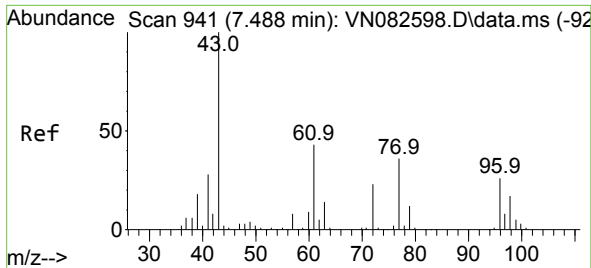
Tgt Ion: 43 Resp: 87289  
Ion Ratio Lower Upper  
43 100  
72 28.4 18.2 27.2#



#26  
2,2-Dichloropropane  
Concen: 19.998 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion: 77 Resp: 43697  
Ion Ratio Lower Upper  
77 100  
97 22.7 10.3 30.9

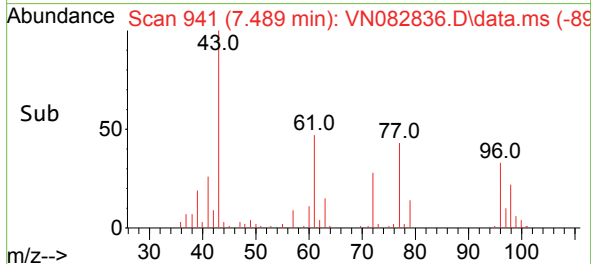
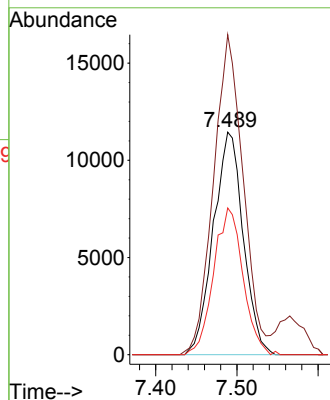
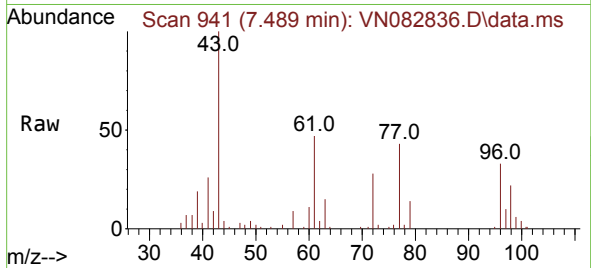




#27  
 cis-1,2-Dichloroethene  
 Concen: 19.440 ug/l  
 RT: 7.489 min Scan# 941  
 Delta R.T. 0.001 min  
 Lab File: VN082836.D  
 Acq: 09 Jul 2024 13:44

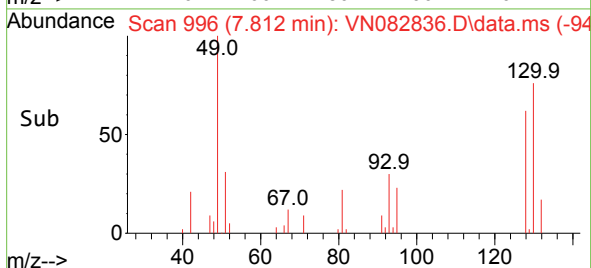
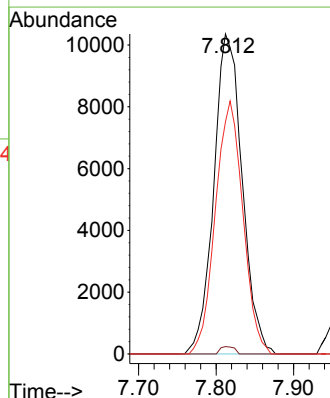
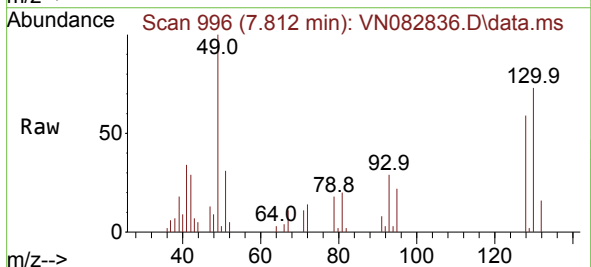
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0709WBS01

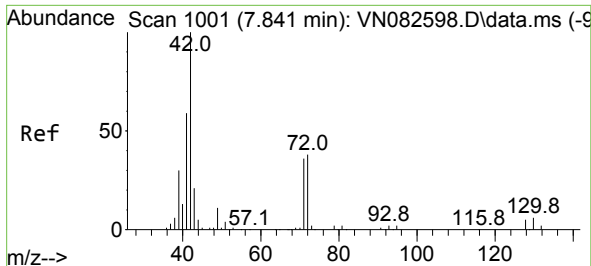
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 29290 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 142.3    | 0.0 329.6   |
| 98 64.8     | 0.0 128.6   |



#28  
 Bromochloromethane  
 Concen: 26.161 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.000 min  
 Lab File: VN082836.D  
 Acq: 09 Jul 2024 13:44

|             |             |
|-------------|-------------|
| Tgt Ion: 49 | Resp: 26375 |
| Ion Ratio   | Lower Upper |
| 49 100      |             |
| 129 1.1     | 0.0 3.8     |
| 130 76.8    | 50.5 75.7#  |





#29

Tetrahydrofuran

Concen: 104.876 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082836.D

Acq: 09 Jul 2024 13:44

Instrument :

MSVOA\_N

ClientSampleId :

VN0709WBS01

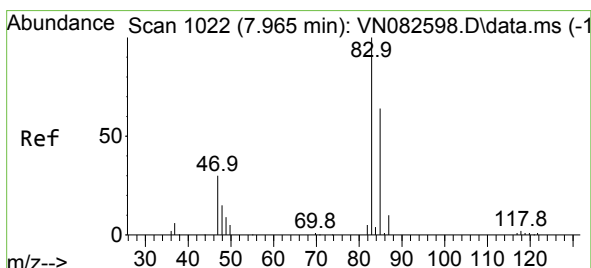
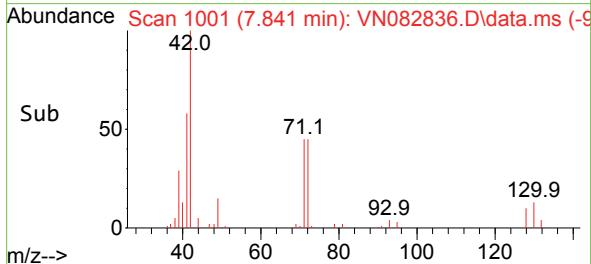
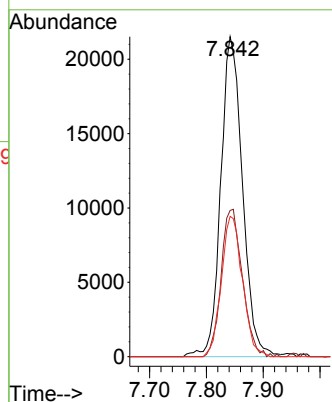
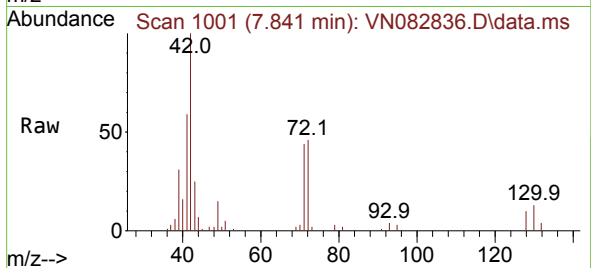
Tgt Ion: 42 Resp: 57248

Ion Ratio Lower Upper

42 100

72 45.1 30.0 45.0#

71 42.6 28.3 42.5#



#30

Chloroform

Concen: 20.407 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN082836.D

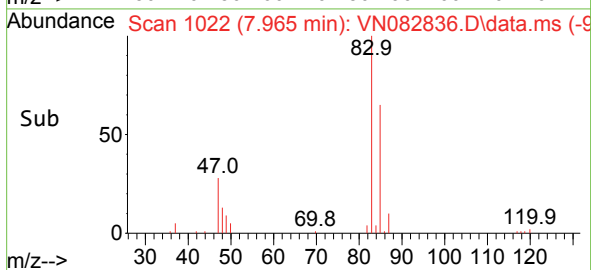
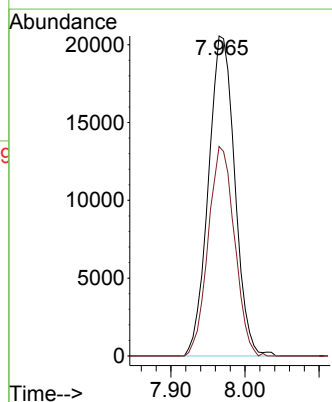
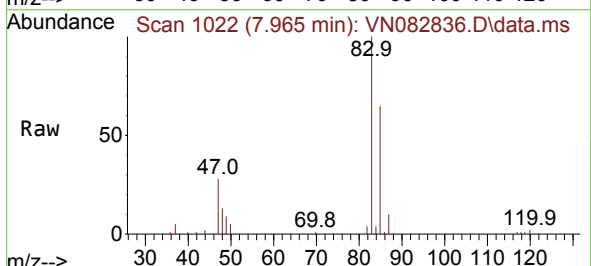
Acq: 09 Jul 2024 13:44

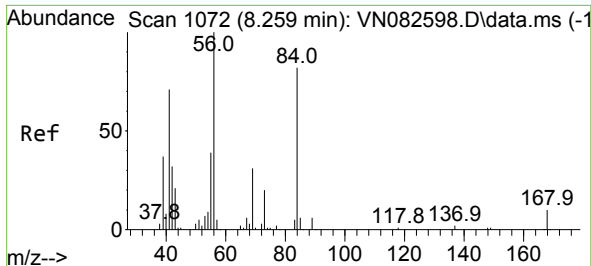
Tgt Ion: 83 Resp: 50878

Ion Ratio Lower Upper

83 100

85 65.5 50.9 76.3

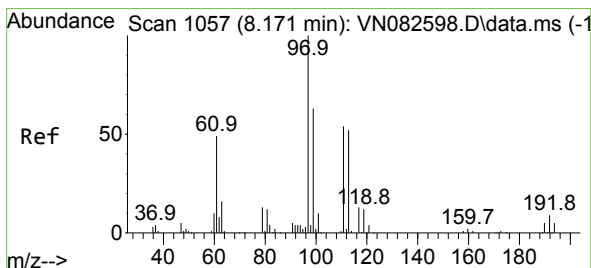
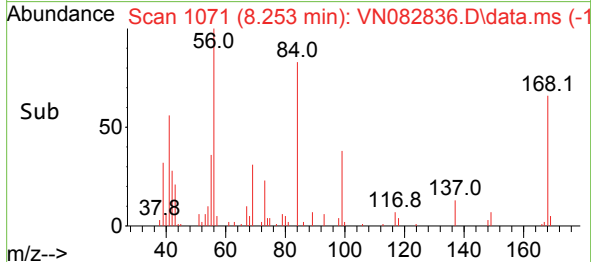
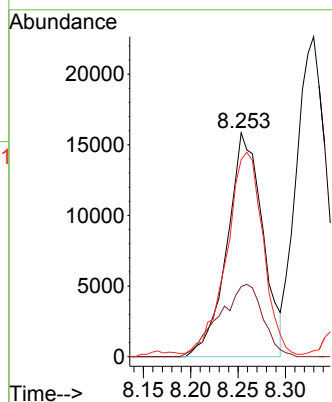
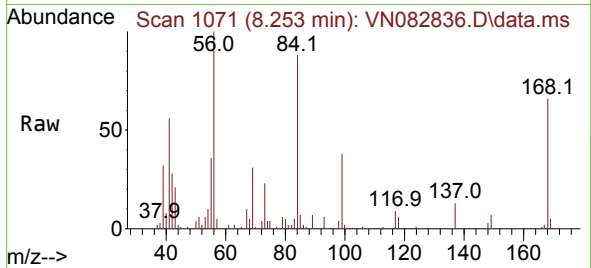




#31  
Cyclohexane  
Concen: 19.370 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.006 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

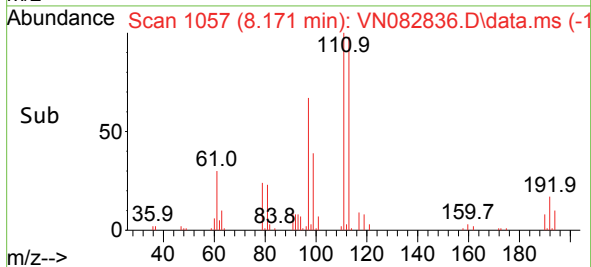
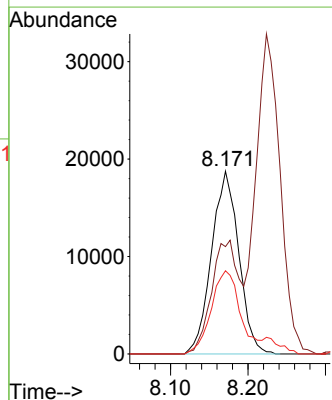
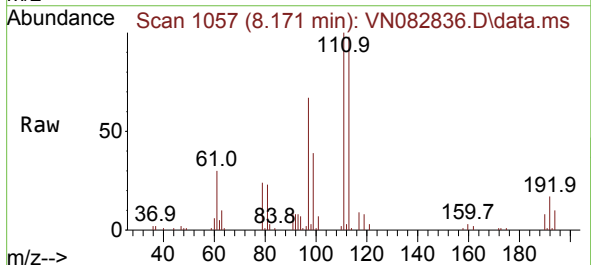
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

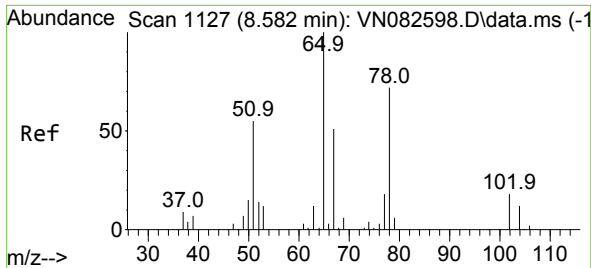
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 56    | Resp: | 41303 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 31.3  | 24.5  | 36.7  |
| 84        | 86.7  | 66.0  | 99.0  |



#32  
1,1,1-Trichloroethane  
Concen: 19.764 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 97    | Resp: | 45750 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 63.7  | 52.0  | 78.0  |
| 61        | 49.3  | 42.1  | 63.1  |

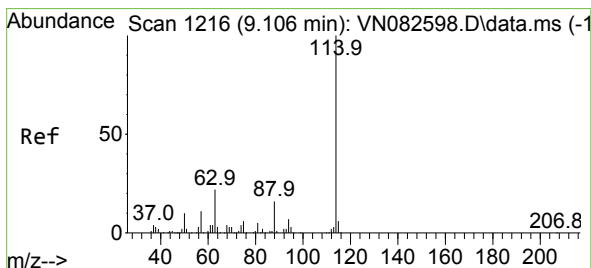
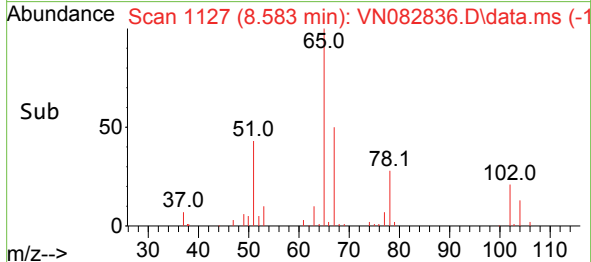
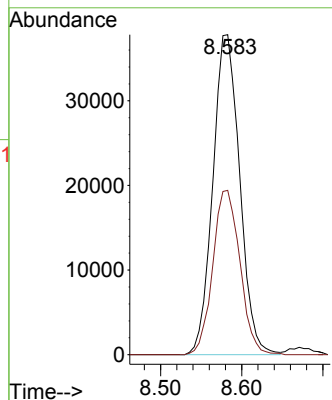
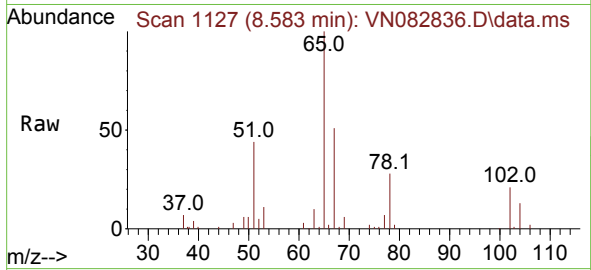




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.348 ug/l  
 RT: 8.583 min Scan# 1127  
 Delta R.T. 0.001 min  
 Lab File: VN082836.D  
 Acq: 09 Jul 2024 13:44

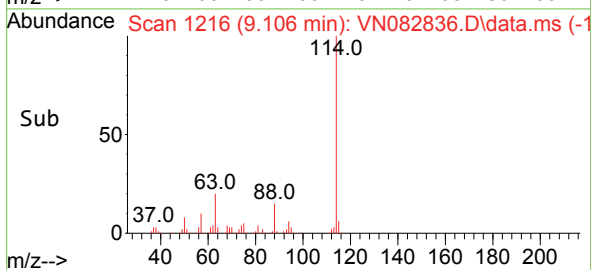
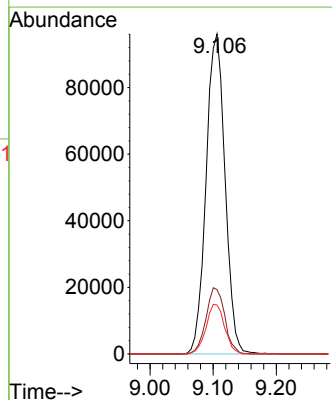
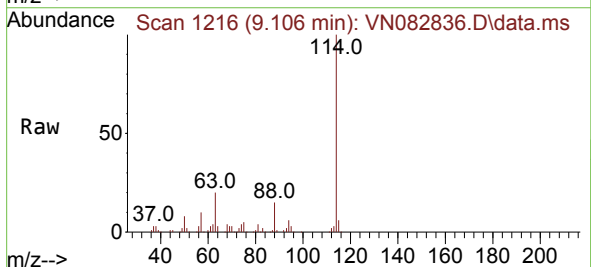
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0709WBS01

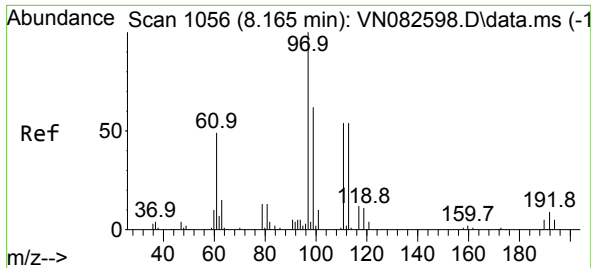
Tgt Ion: 65 Resp: 87011  
 Ion Ratio Lower Upper  
 65 100  
 67 51.9 0.0 104.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.106 min Scan# 1216  
 Delta R.T. 0.000 min  
 Lab File: VN082836.D  
 Acq: 09 Jul 2024 13:44

Tgt Ion: 114 Resp: 200519  
 Ion Ratio Lower Upper  
 114 100  
 63 20.1 0.0 44.6  
 88 15.3 0.0 31.4

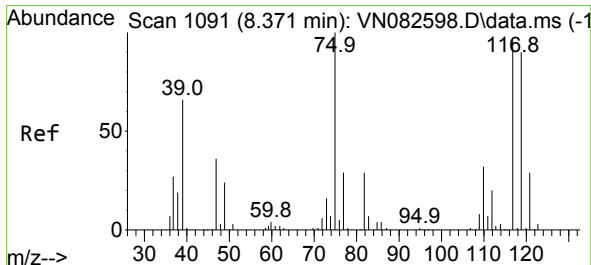
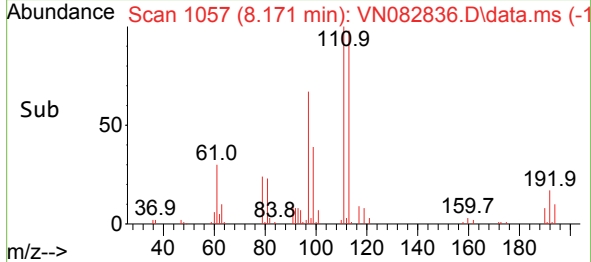
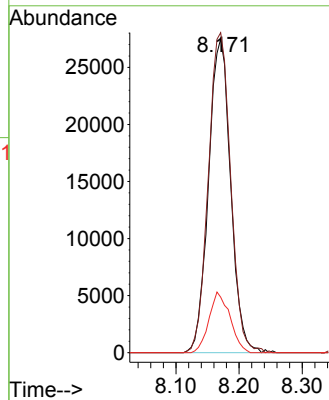
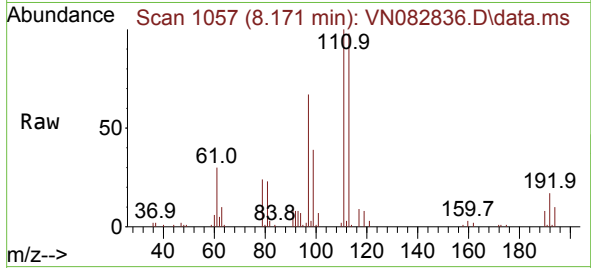




#35  
Dibromofluoromethane  
Concen: 51.952 ug/l  
RT: 8.171 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

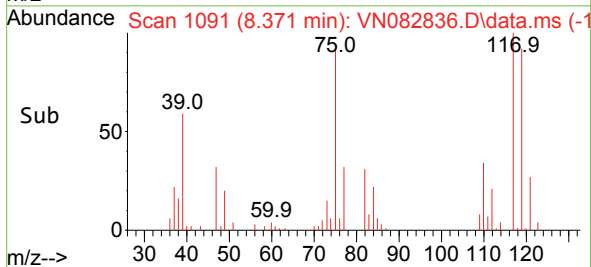
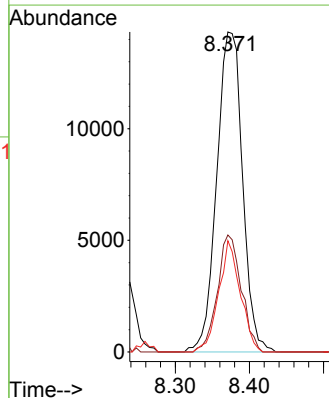
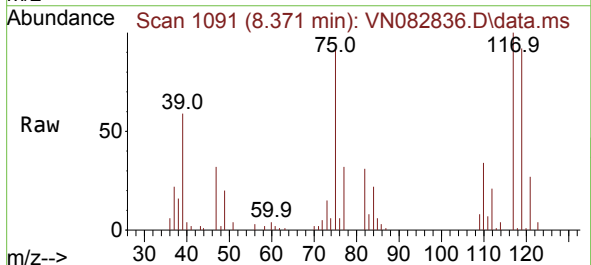
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

Tgt Ion:113 Resp: 66846  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.4 123.6  
192 18.4 14.9 22.3



#36  
1,1-Dichloropropene  
Concen: 19.519 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion: 75 Resp: 34627  
Ion Ratio Lower Upper  
75 100  
110 33.9 16.3 48.9  
77 29.3 24.6 37.0





#37

Ethyl Acetate

Concen: 20.224 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN082836.D

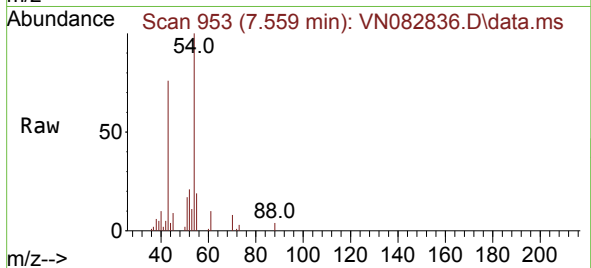
Acq: 09 Jul 2024 13:44

Instrument :

MSVOA\_N

ClientSampleId :

VN0709WBS01



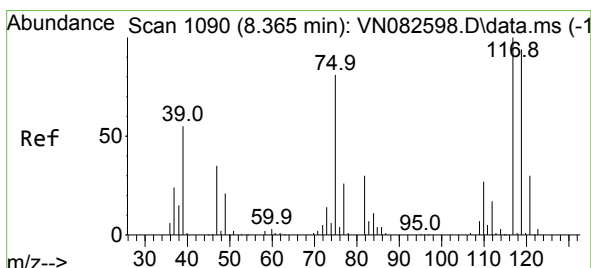
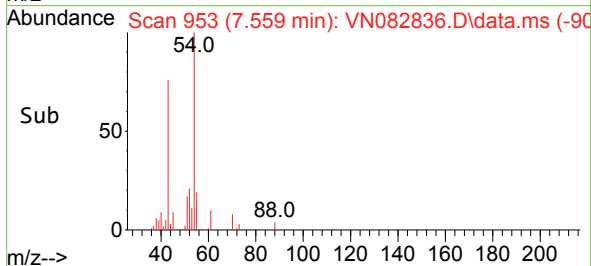
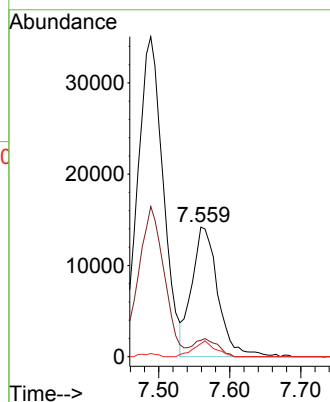
Tgt Ion: 43 Resp: 36527

Ion Ratio Lower Upper

43 100

61 12.3 9.3 13.9

70 9.8 7.0 10.6



#38

Carbon Tetrachloride

Concen: 19.054 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN082836.D

Acq: 09 Jul 2024 13:44

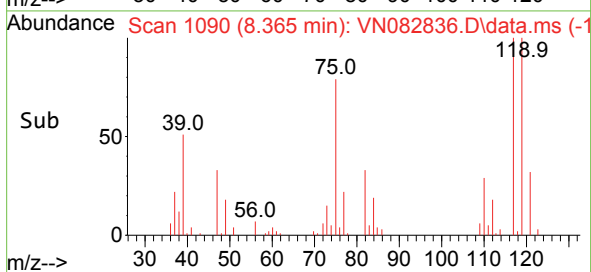
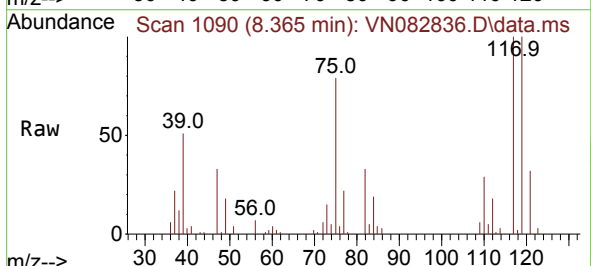
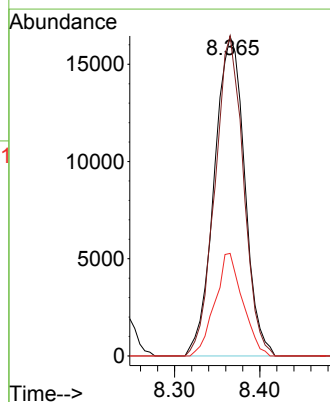
Tgt Ion: 117 Resp: 40698

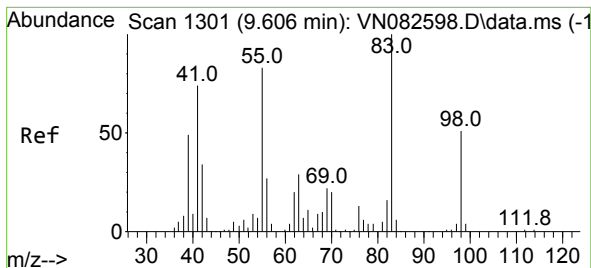
Ion Ratio Lower Upper

117 100

119 100.1 74.9 112.3

121 32.1 24.3 36.5





#39

Methylcyclohexane

Concen: 19.049 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN082836.D

Acq: 09 Jul 2024 13:44

Instrument :

MSVOA\_N

ClientSampleId :

VN0709WBS01

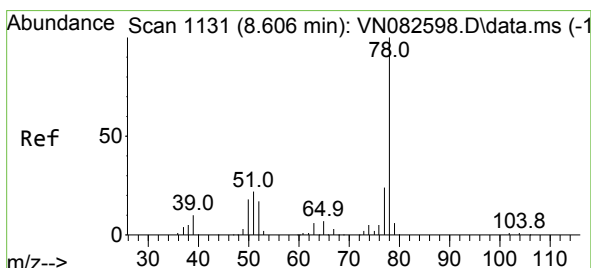
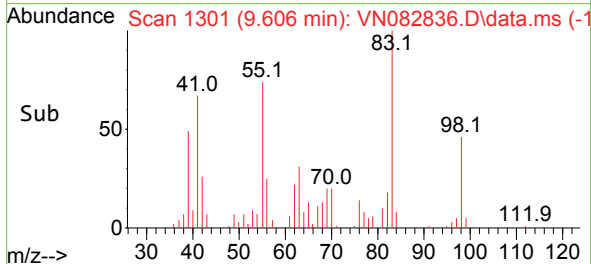
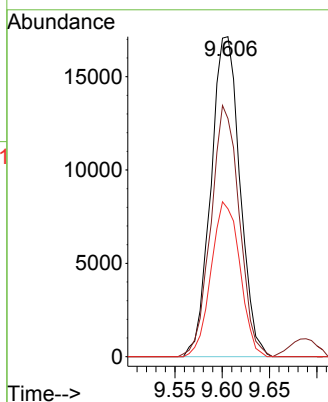
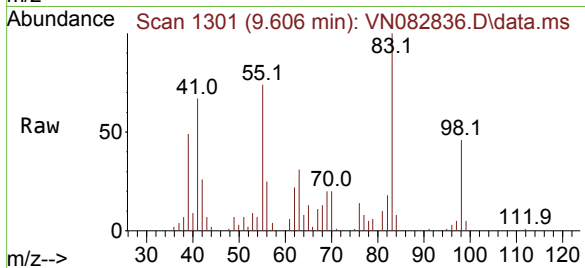
Tgt Ion: 83 Resp: 36502

Ion Ratio Lower Upper

83 100

55 74.4 66.4 99.6

98 46.2 40.7 61.1



#40

Benzene

Concen: 20.146 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082836.D

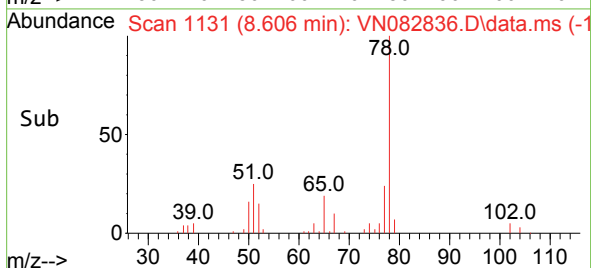
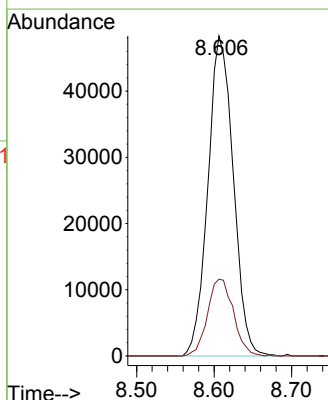
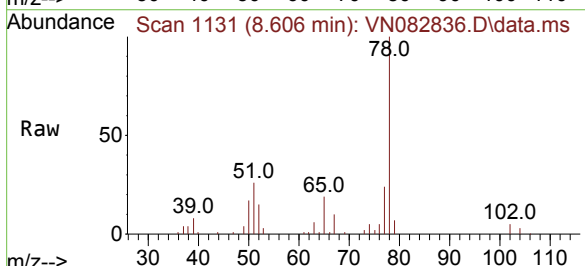
Acq: 09 Jul 2024 13:44

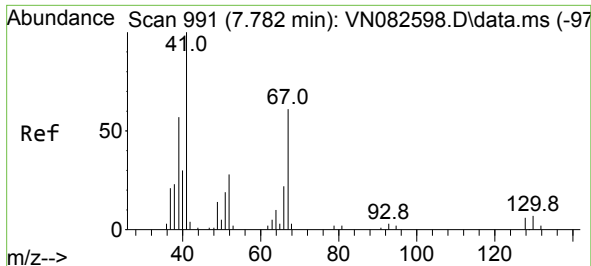
Tgt Ion: 78 Resp: 109932

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4



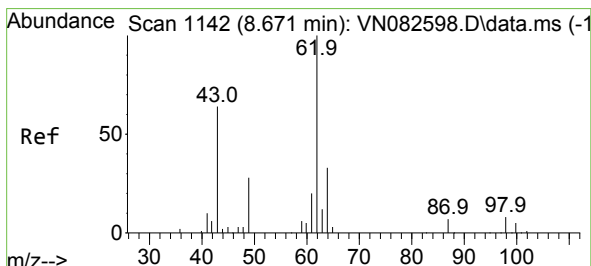
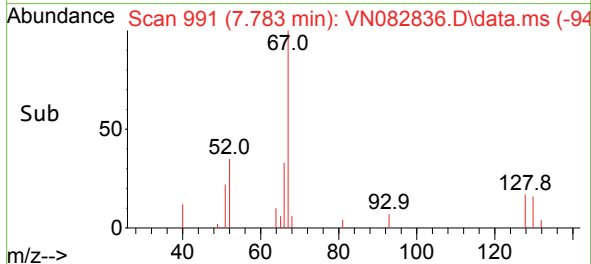
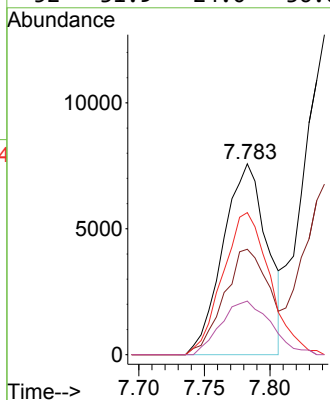
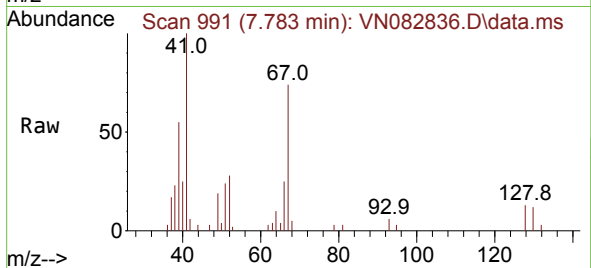


#41  
Methacrylonitrile  
Concen: 18.188 ug/l  
RT: 7.783 min Scan# 991  
Delta R.T. 0.001 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

Tgt Ion: 41 Resp: 17697

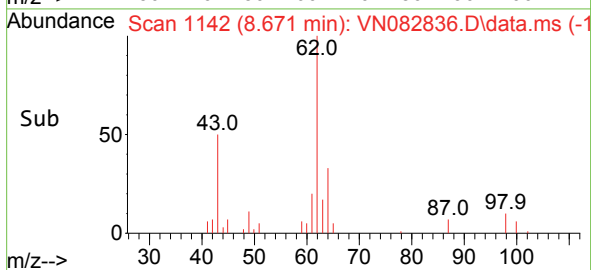
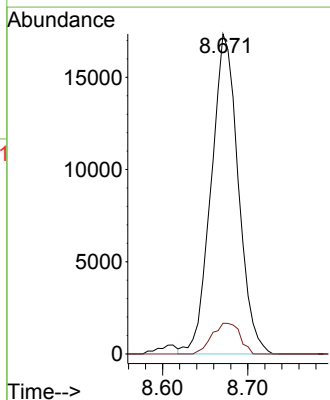
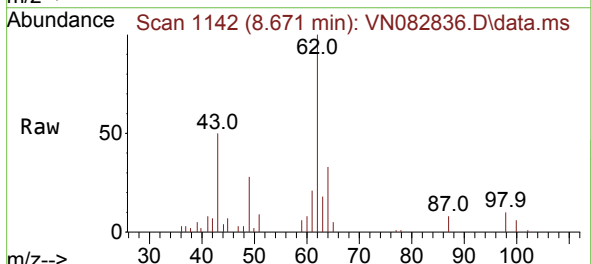
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 55.9  | 45.5  | 68.3  |
| 67  | 79.5  | 50.5  | 75.7# |
| 52  | 31.9  | 24.0  | 36.0  |

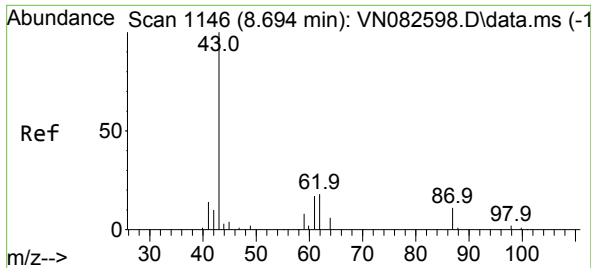


#42  
1,2-Dichloroethane  
Concen: 19.530 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion: 62 Resp: 38366

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.9   | 0.0   | 15.8  |

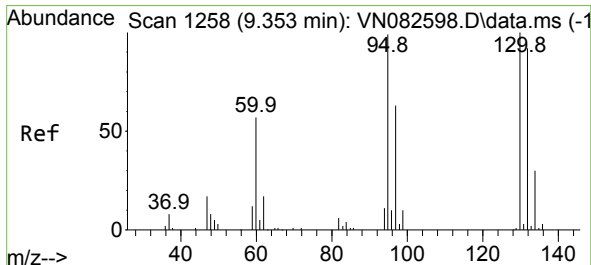
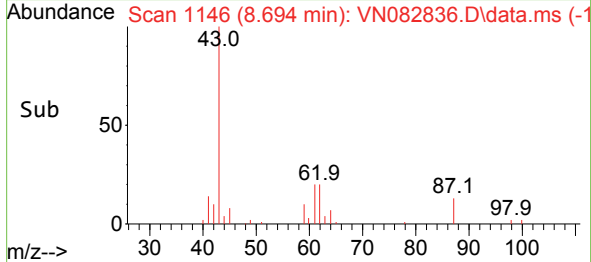
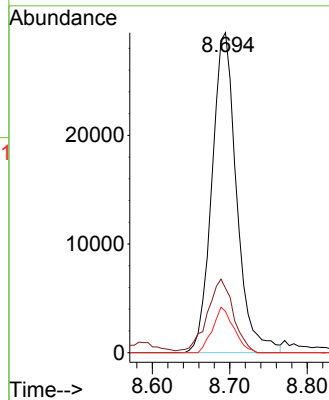
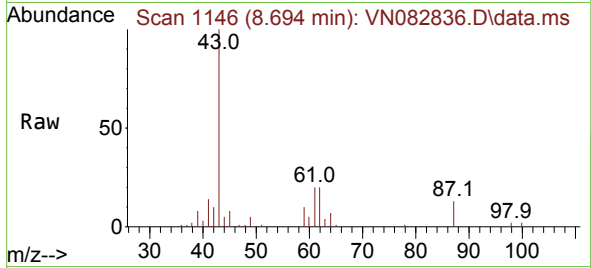




#43  
Isopropyl Acetate  
Concen: 17.222 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

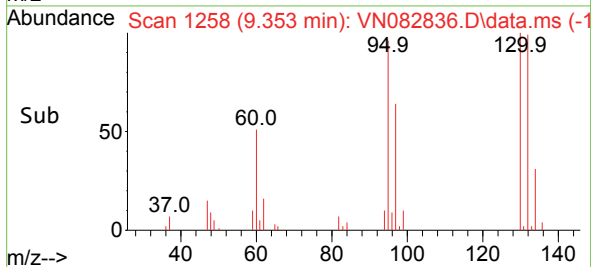
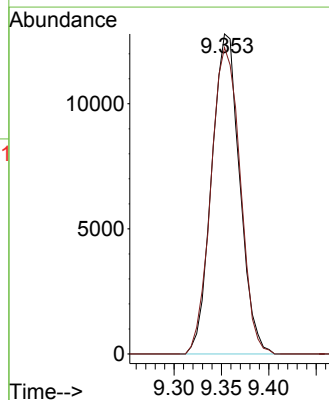
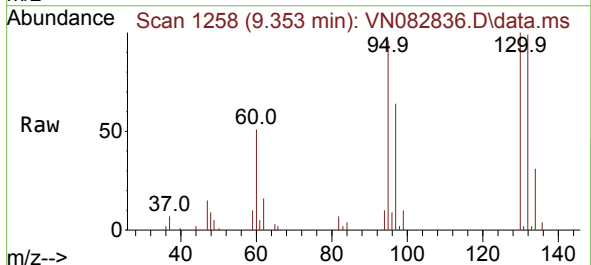
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

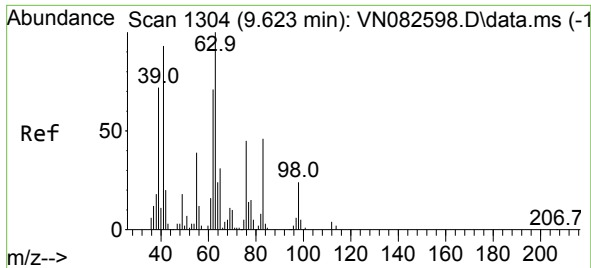
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 65273 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 24.4     | 17.8 26.6   |
| 87 12.2     | 8.2 12.2    |



#44  
Trichloroethene  
Concen: 18.809 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

|             |             |
|-------------|-------------|
| Tgt Ion:130 | Resp: 26296 |
| Ion Ratio   | Lower Upper |
| 130 100     |             |
| 95 95.8     | 0.0 197.8   |

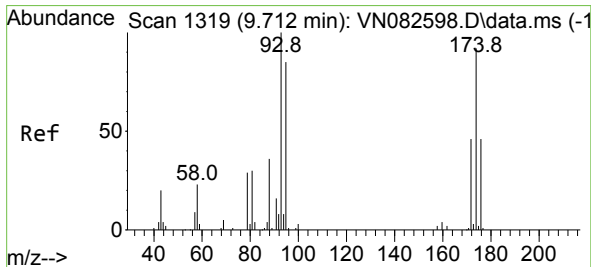
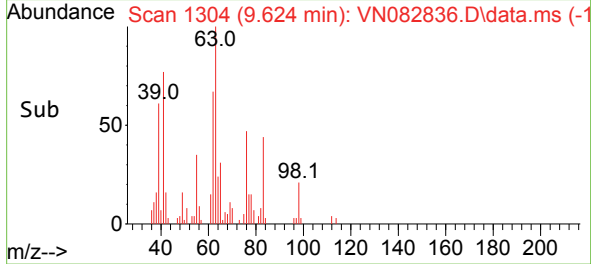
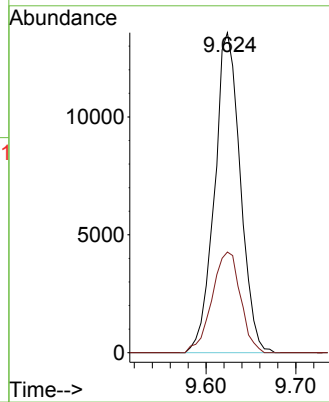
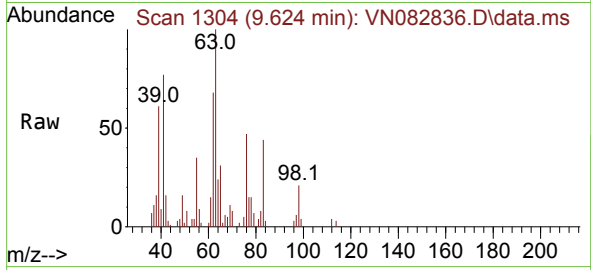




#45  
1,2-Dichloropropane  
Concen: 21.217 ug/l  
RT: 9.624 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

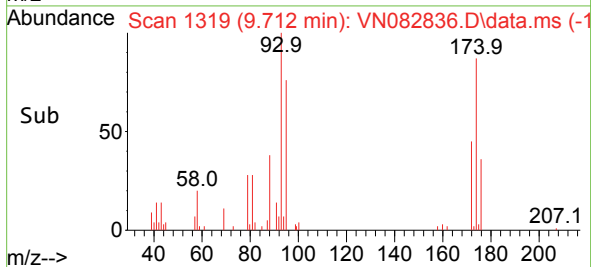
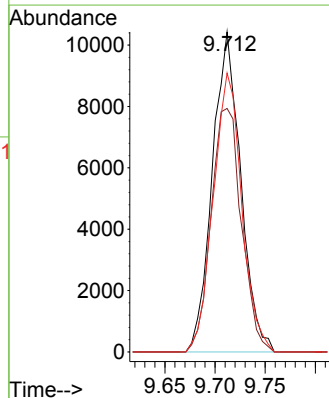
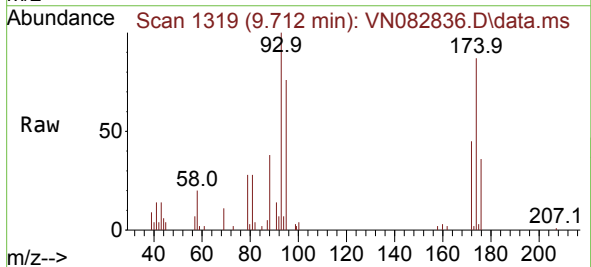
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

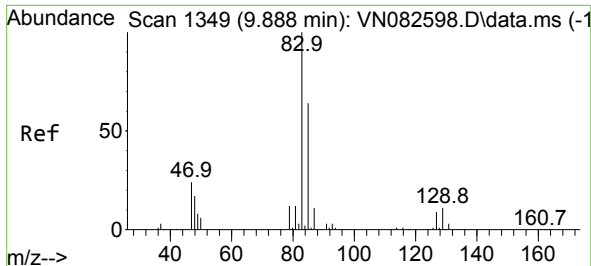
Tgt Ion: 63 Resp: 27030  
Ion Ratio Lower Upper  
63 100  
65 31.4 24.4 36.6



#46  
Dibromomethane  
Concen: 20.613 ug/l  
RT: 9.712 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion: 93 Resp: 20458  
Ion Ratio Lower Upper  
93 100  
95 81.5 65.8 98.6  
174 87.6 71.7 107.5

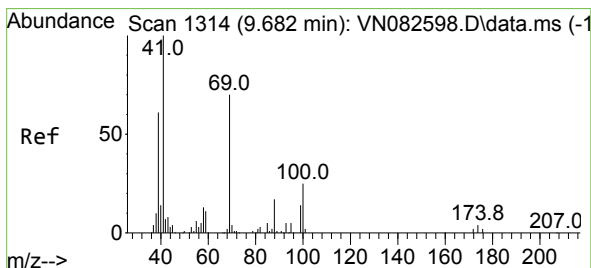
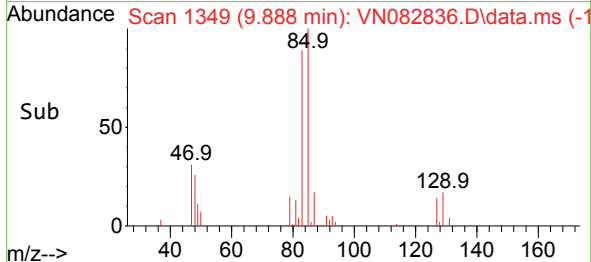
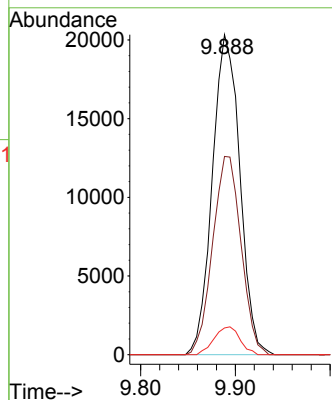
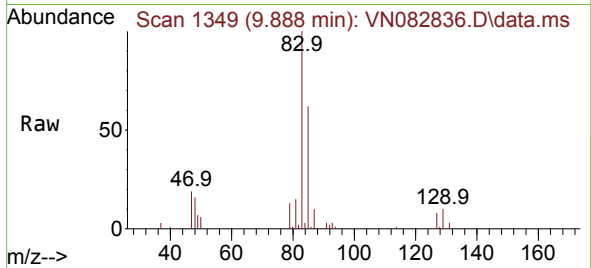




#47  
Bromodichloromethane  
Concen: 19.995 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

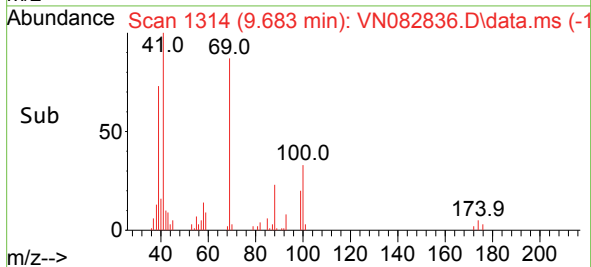
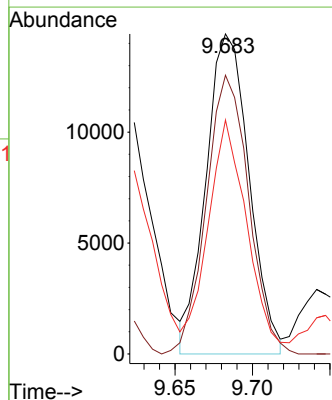
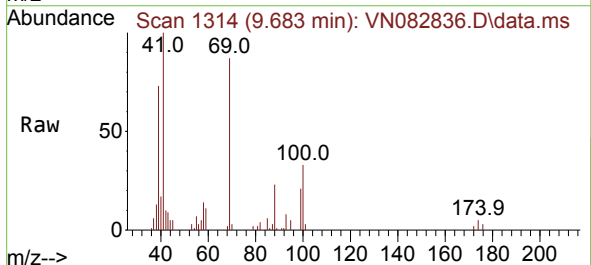
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

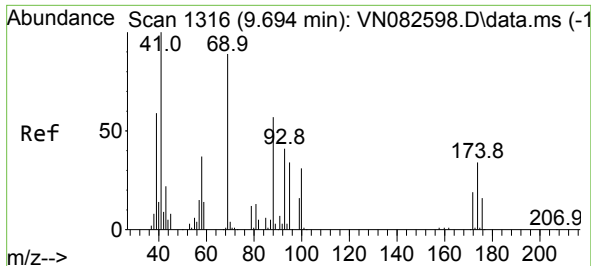
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 41005 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 61.9  | 51.1  | 76.7  |
| 127      | 8.4   | 7.2   | 10.8  |



#48  
Methyl methacrylate  
Concen: 19.700 ug/l  
RT: 9.683 min Scan# 1314  
Delta R.T. 0.001 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

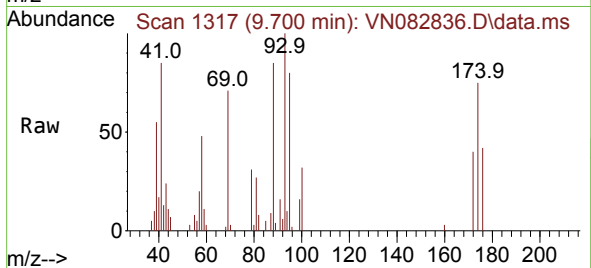
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 27899 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 86.0  | 56.3  | 84.5  |
| 39       | 67.0  | 50.3  | 75.5  |



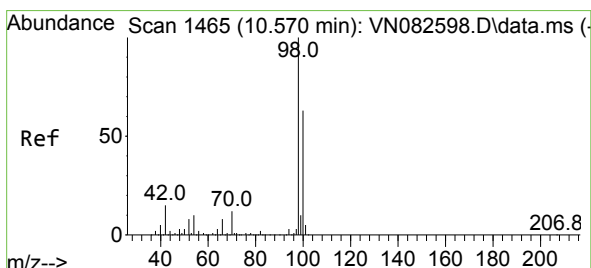
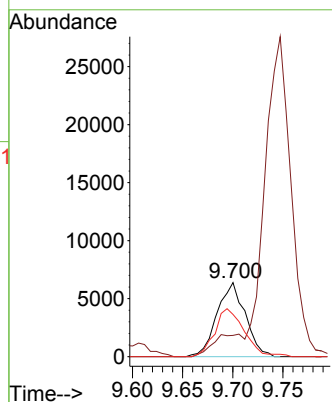
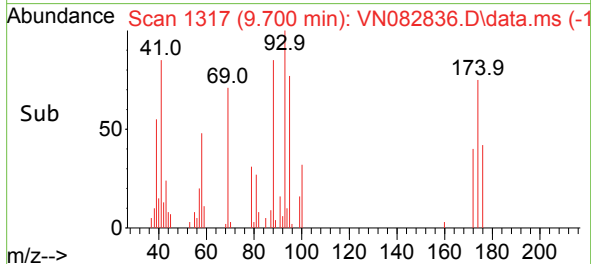


#49  
1,4-Dioxane  
Concen: 401.160 ug/l  
RT: 9.700 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

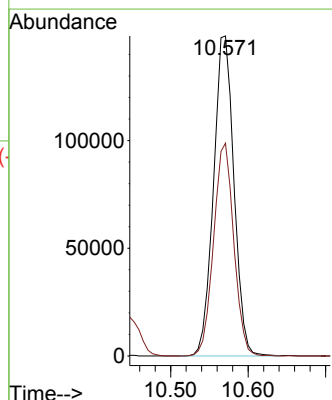
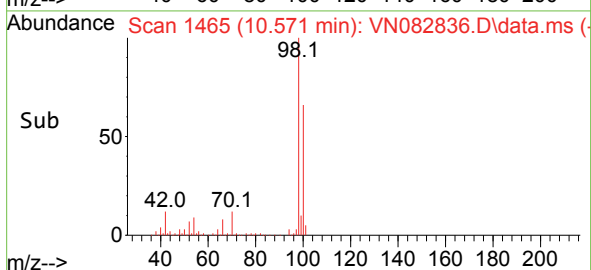
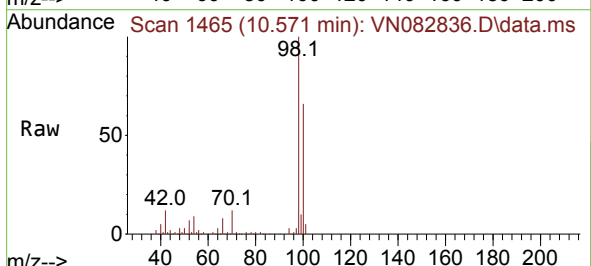


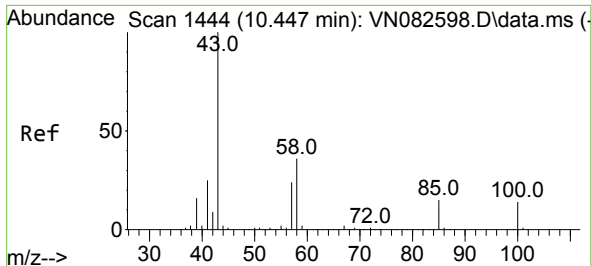
Tgt Ion: 88 Resp: 12525  
Ion Ratio Lower Upper  
88 100  
43 23.4 27.8 41.8#  
58 67.8 59.4 89.0



#50  
Toluene-d8  
Concen: 57.309 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.001 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion: 98 Resp: 272349  
Ion Ratio Lower Upper  
98 100  
100 65.6 51.5 77.3

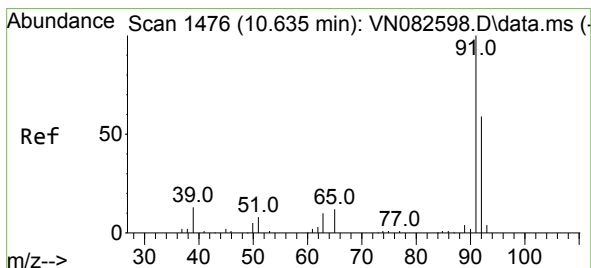
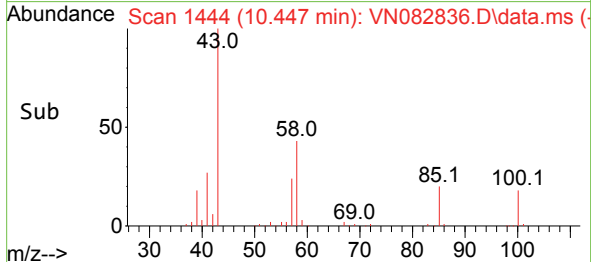
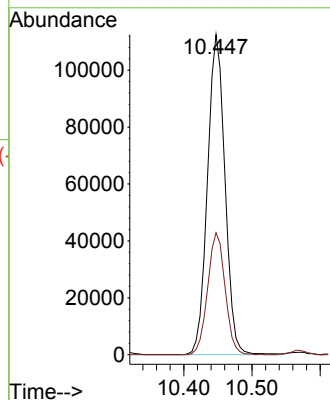
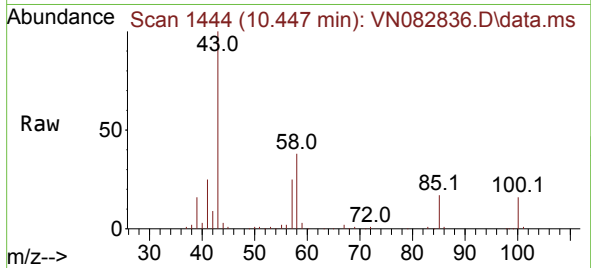




#51  
4-Methyl-2-Pentanone  
Concen: 112.291 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

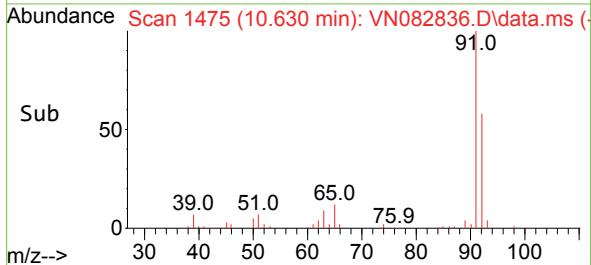
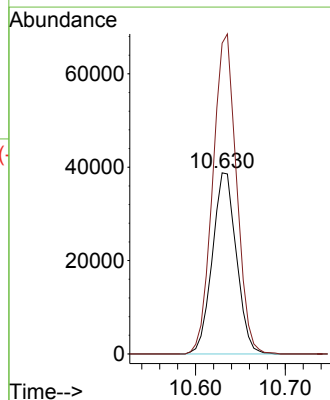
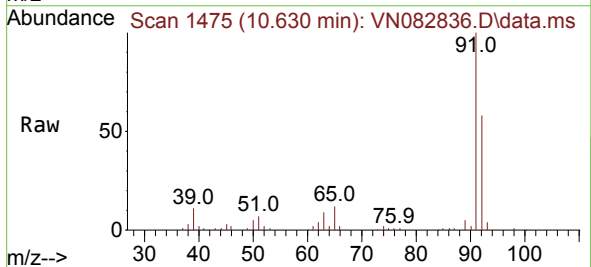
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

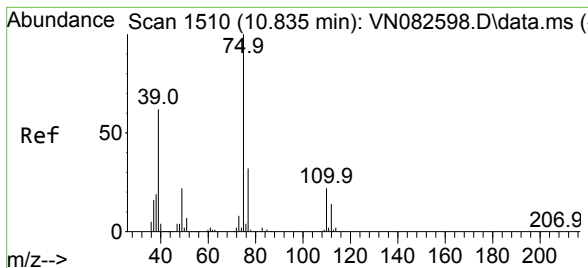
Tgt Ion: 43 Resp: 201059  
Ion Ratio Lower Upper  
43 100  
58 38.0 28.2 42.4



#52  
Toluene  
Concen: 21.221 ug/l  
RT: 10.630 min Scan# 1475  
Delta R.T. -0.005 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion: 92 Resp: 72337  
Ion Ratio Lower Upper  
92 100  
91 173.7 139.4 209.0

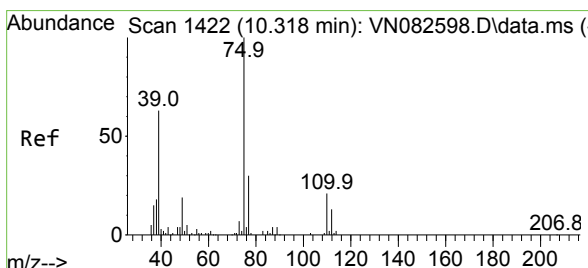
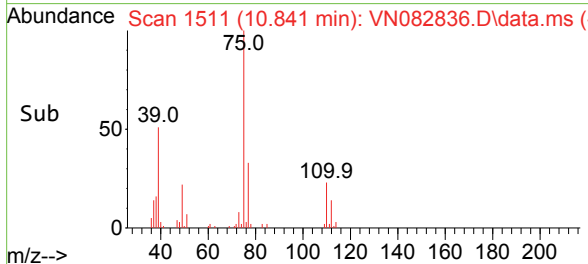
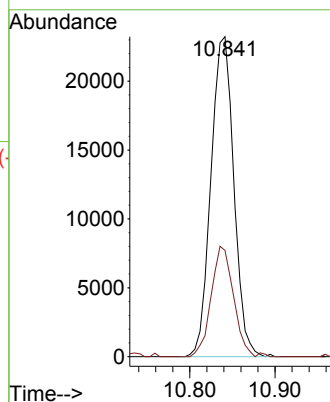
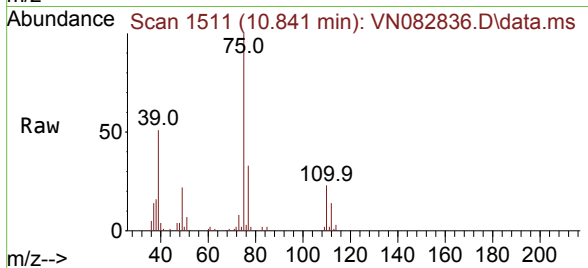




#53  
t-1,3-Dichloropropene  
Concen: 20.506 ug/l  
RT: 10.841 min Scan# 1511  
Delta R.T. 0.006 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

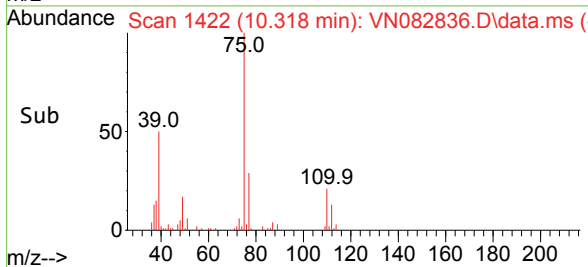
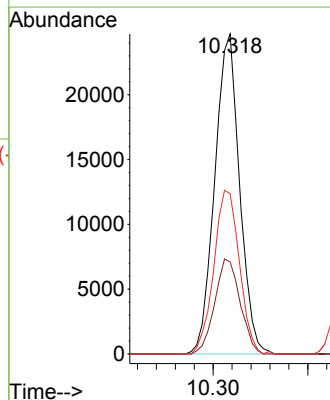
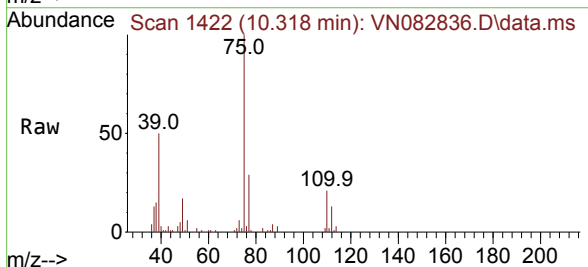
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

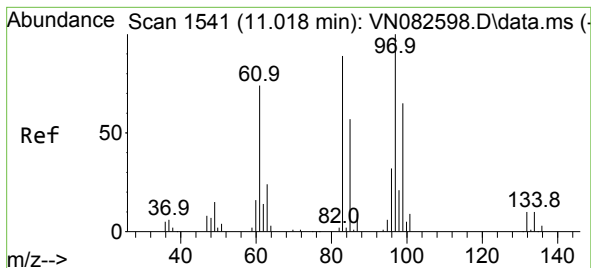
Tgt Ion: 75 Resp: 43322  
Ion Ratio Lower Upper  
75 100  
77 33.2 25.7 38.5



#54  
cis-1,3-Dichloropropene  
Concen: 20.095 ug/l  
RT: 10.318 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion: 75 Resp: 44936  
Ion Ratio Lower Upper  
75 100  
77 28.8 24.3 36.5  
39 50.1 50.5 75.7#





#55

1,1,2-Trichloroethane

Concen: 22.845 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN082836.D

Acq: 09 Jul 2024 13:44

Instrument :

MSVOA\_N

ClientSampleId :

VN0709WBS01

Tgt Ion: 97 Resp: 28635

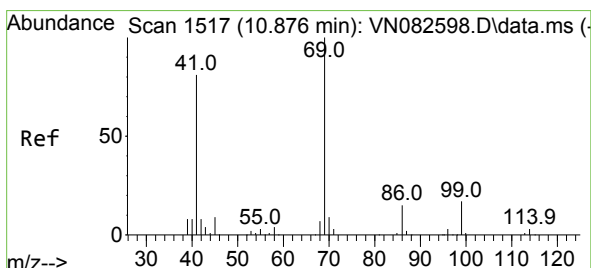
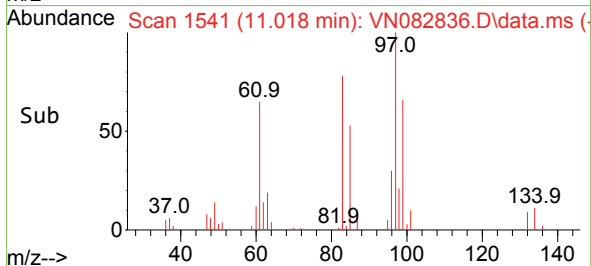
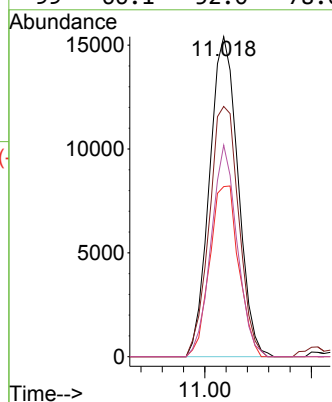
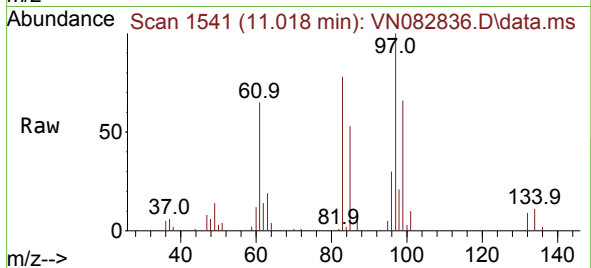
Ion Ratio Lower Upper

97 100

83 78.2 71.4 107.0

85 53.1 45.8 68.6

99 66.1 52.0 78.0



#56

Ethyl methacrylate

Concen: 21.302 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.001 min

Lab File: VN082836.D

Acq: 09 Jul 2024 13:44

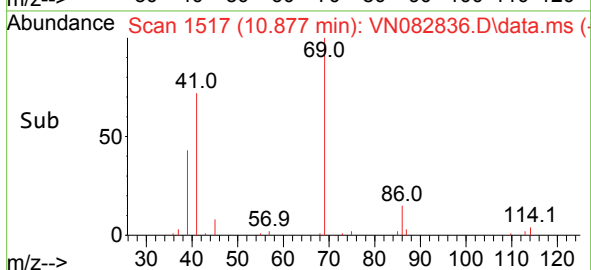
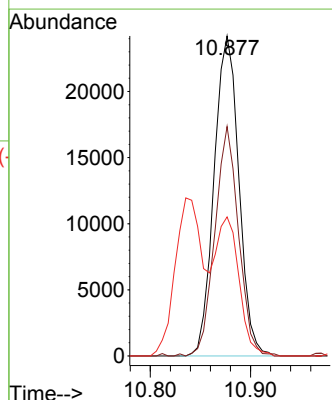
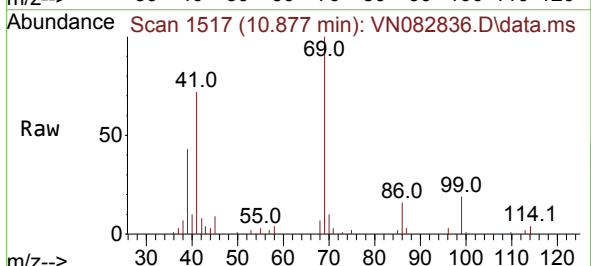
Tgt Ion: 69 Resp: 41542

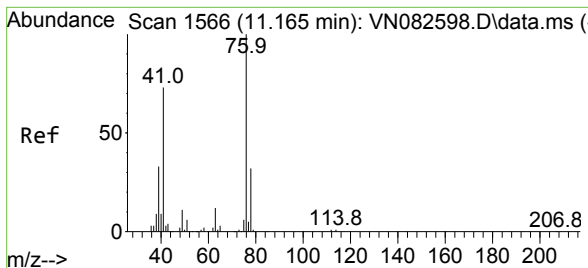
Ion Ratio Lower Upper

69 100

41 68.6 63.4 95.2

39 40.9 37.4 56.0





#57

1,3-Dichloropropane

Concen: 21.604 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082836.D

Acq: 09 Jul 2024 13:44

Instrument :

MSVOA\_N

ClientSampleId :

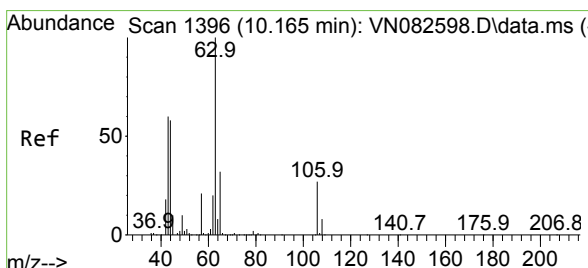
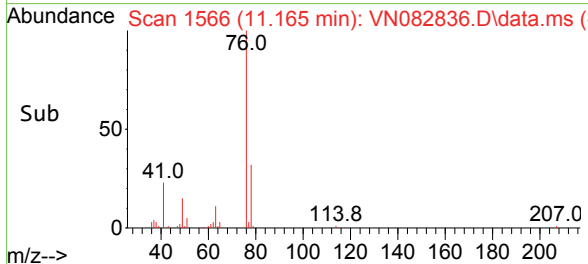
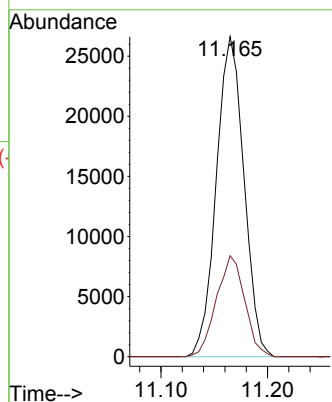
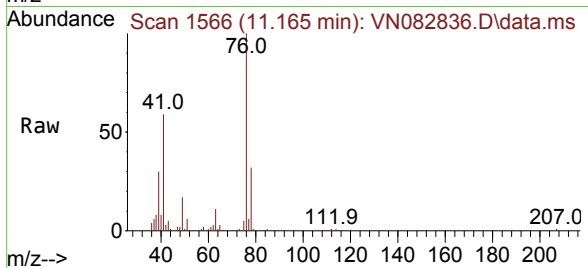
VN0709WBS01

Tgt Ion: 76 Resp: 47934

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 95.160 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN082836.D

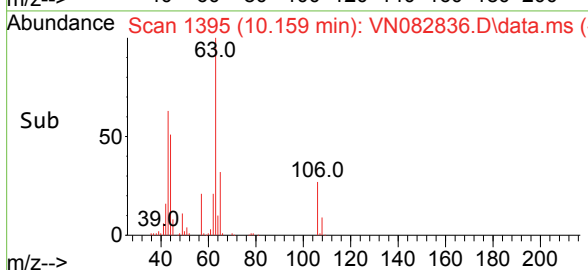
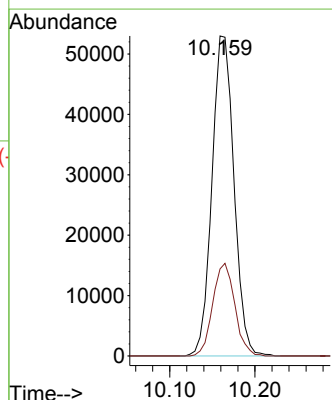
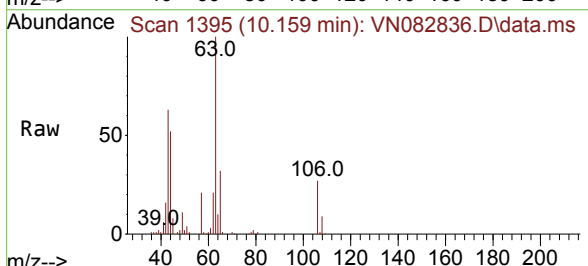
Acq: 09 Jul 2024 13:44

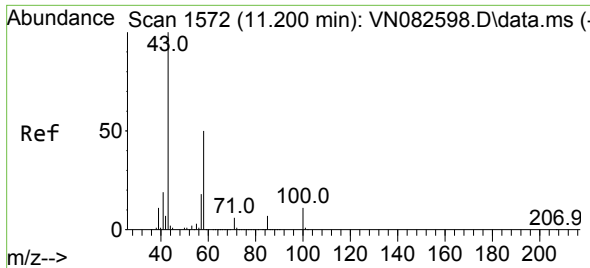
Tgt Ion: 63 Resp: 95223

Ion Ratio Lower Upper

63 100

106 28.9 21.4 32.0

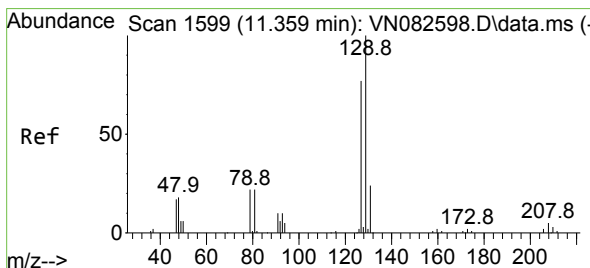
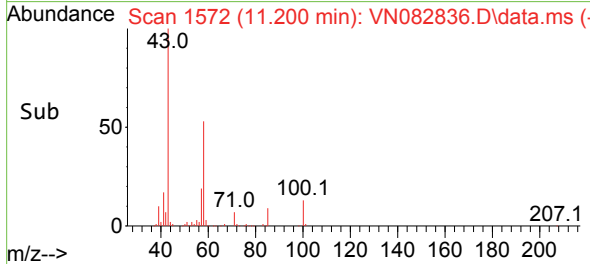
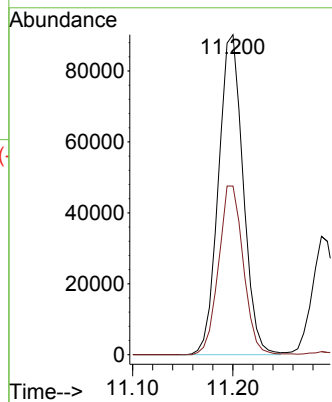
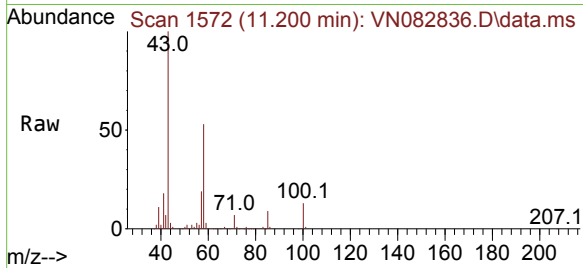




#59  
2-Hexanone  
Concen: 115.755 ug/l  
RT: 11.200 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

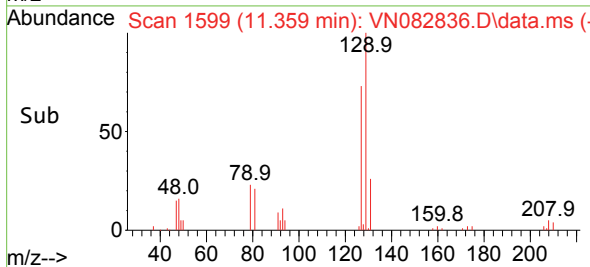
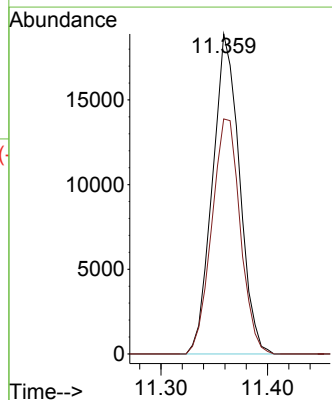
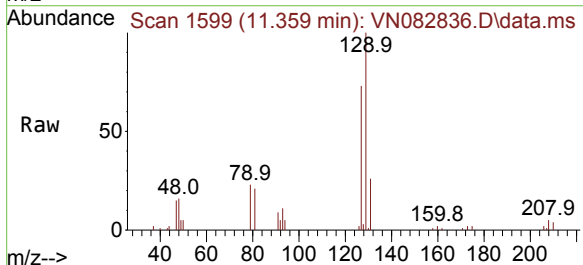
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

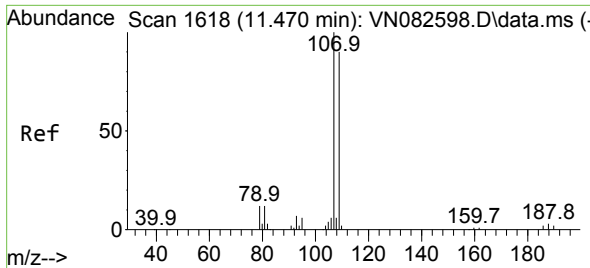
Tgt Ion: 43 Resp: 154095  
Ion Ratio Lower Upper  
43 100  
58 52.9 24.6 73.8



#60  
Dibromochloromethane  
Concen: 20.801 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion: 129 Resp: 33209  
Ion Ratio Lower Upper  
129 100  
127 77.5 39.2 117.6

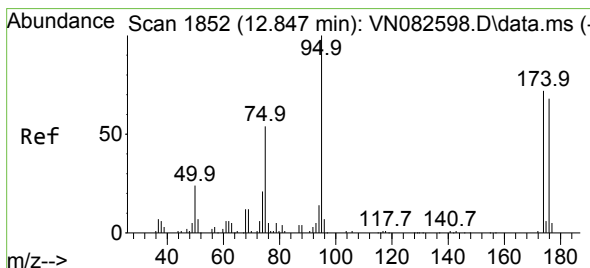
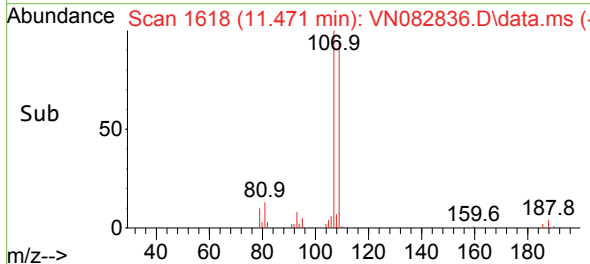
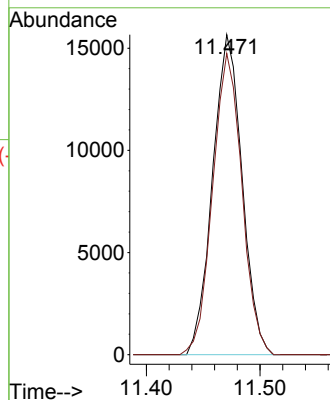
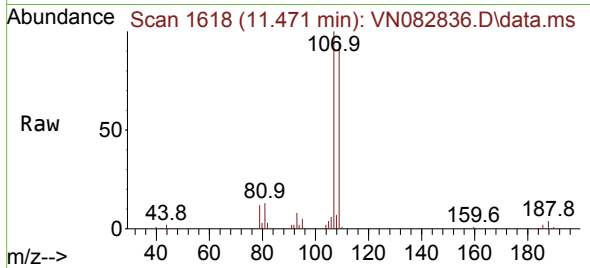




#61  
1,2-Dibromoethane  
Concen: 21.220 ug/l  
RT: 11.471 min Scan# 1618  
Delta R.T. 0.001 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

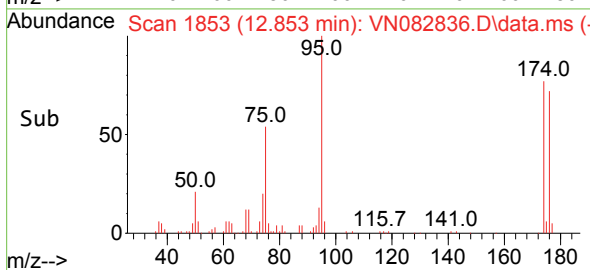
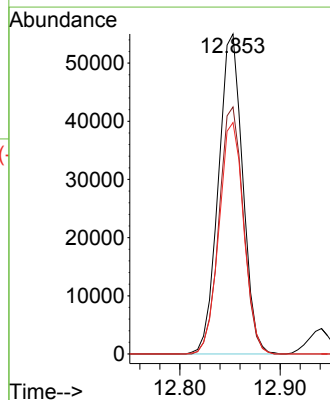
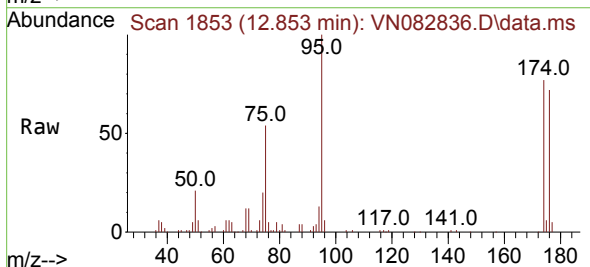
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

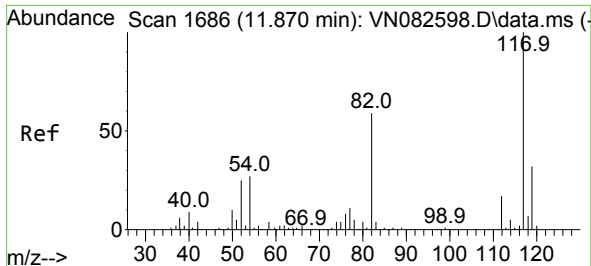
Tgt Ion:107 Resp: 28246  
Ion Ratio Lower Upper  
107 100  
109 93.3 73.7 110.5



#62  
4-Bromofluorobenzene  
Concen: 54.216 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion: 95 Resp: 92551  
Ion Ratio Lower Upper  
95 100  
174 77.3 0.0 159.2  
176 73.9 0.0 147.6

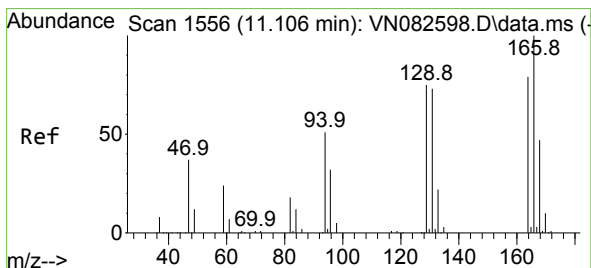
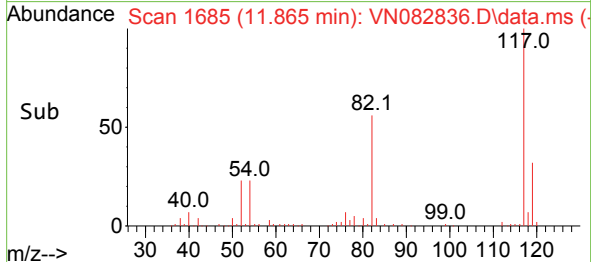
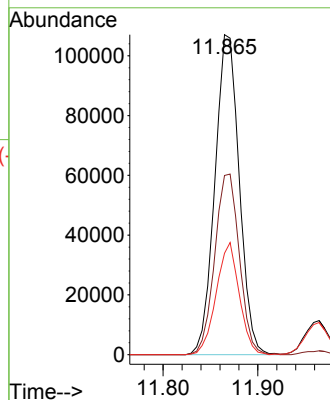
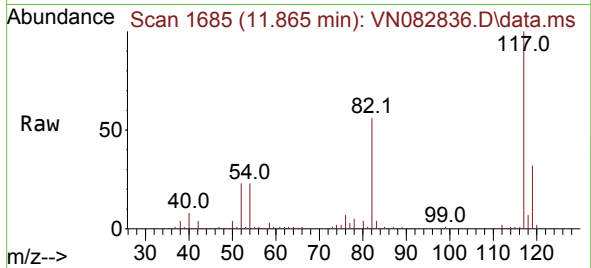




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.005 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

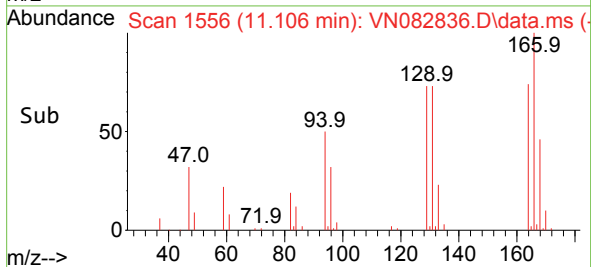
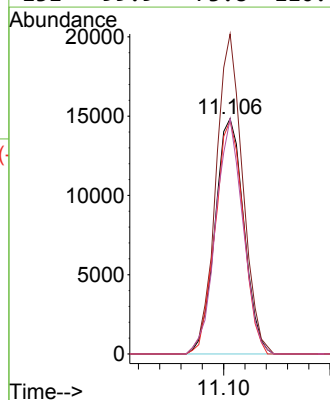
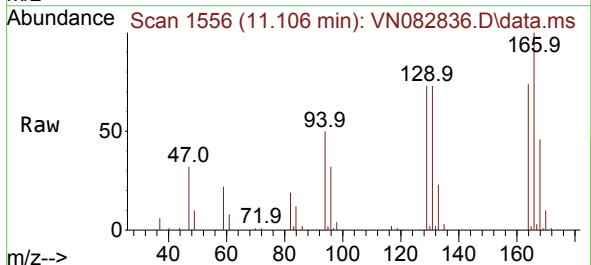
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

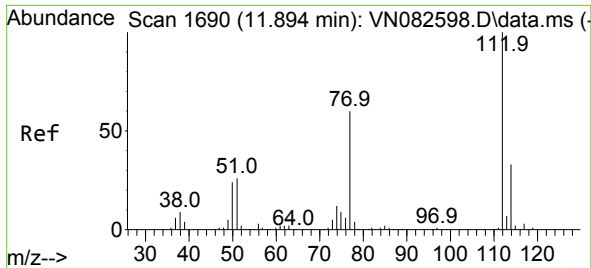
Tgt Ion:117 Resp: 191502  
Ion Ratio Lower Upper  
117 100  
82 56.0 47.5 71.3  
119 31.7 25.6 38.4



#64  
Tetrachloroethene  
Concen: 19.472 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion:164 Resp: 27820  
Ion Ratio Lower Upper  
164 100  
166 136.0 101.4 152.0  
129 99.2 75.7 113.5  
131 99.9 73.8 110.6

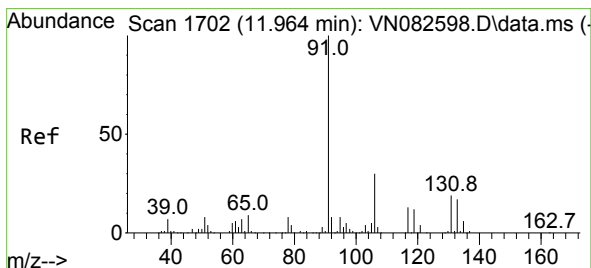
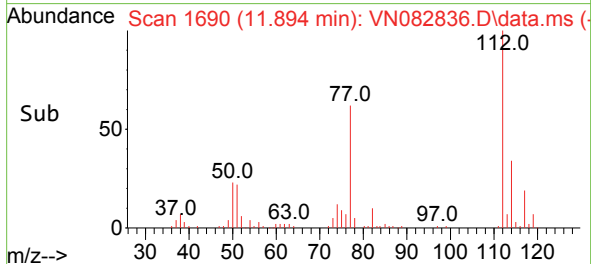
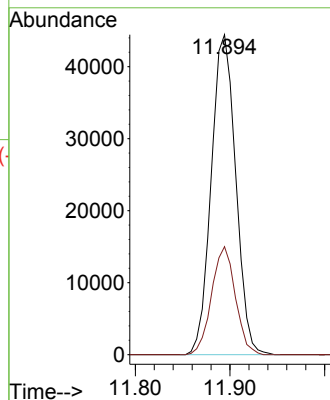
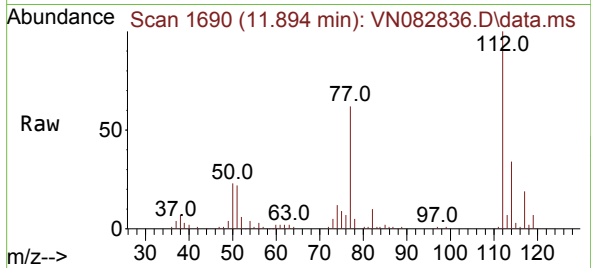




#65  
Chlorobenzene  
Concen: 19.449 ug/l  
RT: 11.894 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

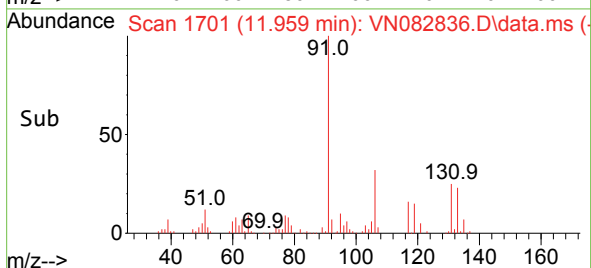
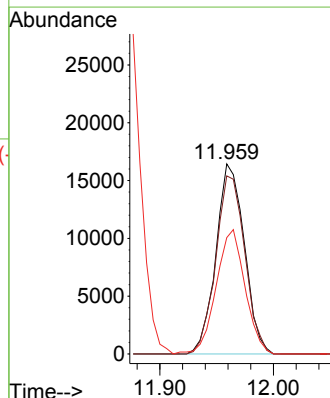
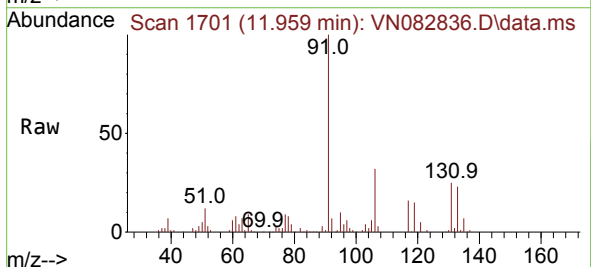
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

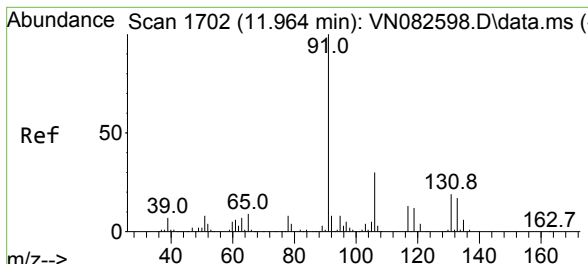
Tgt Ion:112 Resp: 79809  
Ion Ratio Lower Upper  
112 100  
114 33.8 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.606 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.005 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion:131 Resp: 28618  
Ion Ratio Lower Upper  
131 100  
133 95.6 47.3 142.0  
119 66.0 32.5 97.4

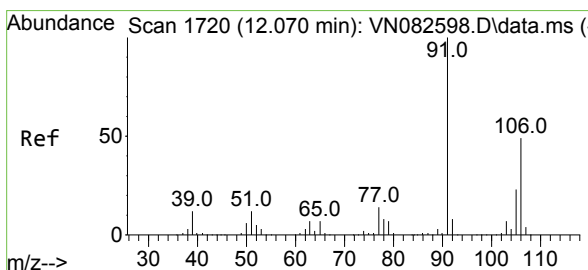
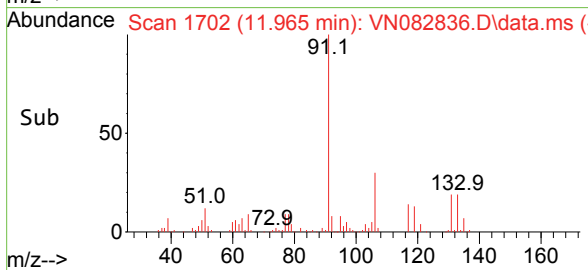
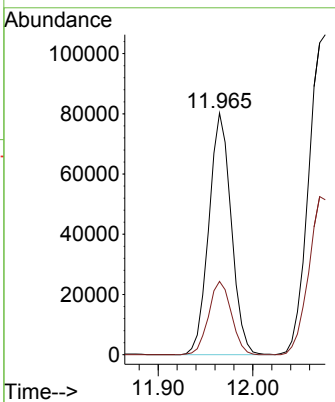
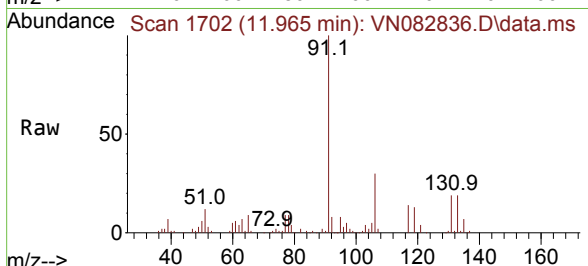




#67  
Ethyl Benzene  
Concen: 19.104 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.001 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

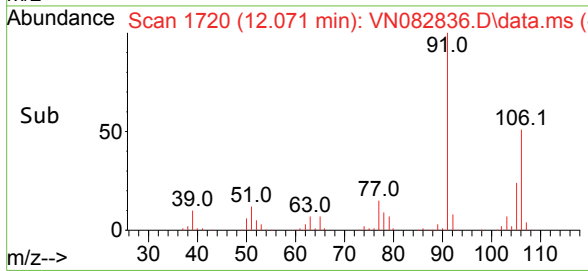
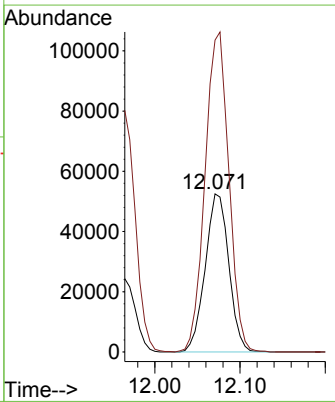
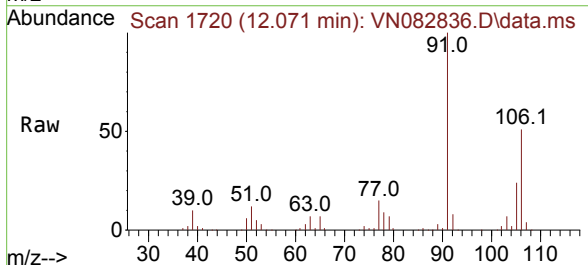
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

Tgt Ion: 91 Resp: 131755  
Ion Ratio Lower Upper  
91 100  
106 30.3 24.0 36.0



#68  
m/p-Xylenes  
Concen: 38.808 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. 0.001 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion:106 Resp: 101049  
Ion Ratio Lower Upper  
106 100  
91 204.2 166.1 249.1





#69

o-Xylene

Concen: 19.159 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN082836.D

Acq: 09 Jul 2024 13:44

Instrument :

MSVOA\_N

ClientSampleId :

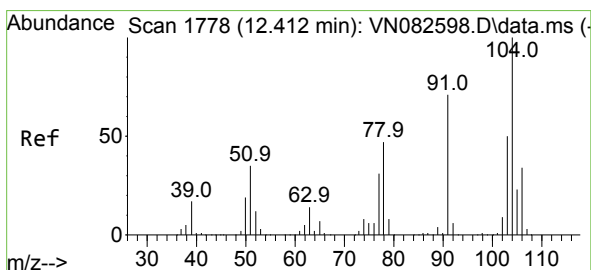
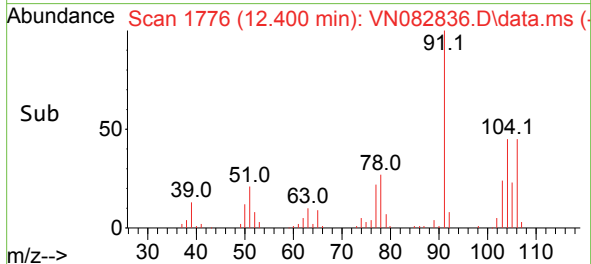
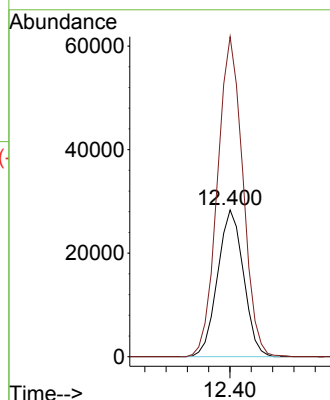
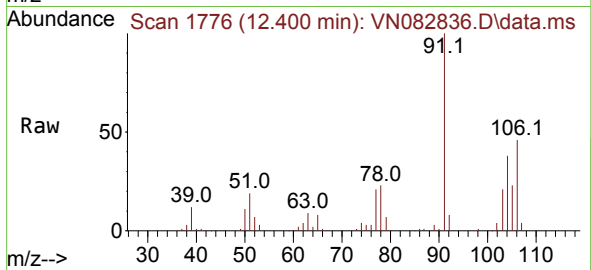
VN0709WBS01

Tgt Ion:106 Resp: 47800

Ion Ratio Lower Upper

106 100

91 214.4 111.3 333.9



#70

Styrene

Concen: 19.299 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN082836.D

Acq: 09 Jul 2024 13:44

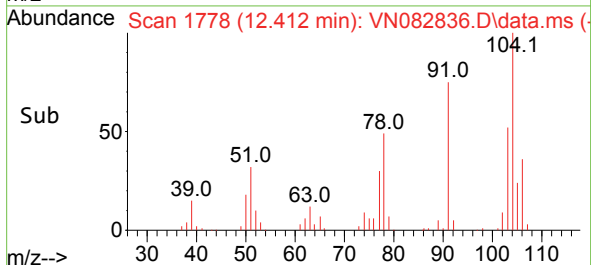
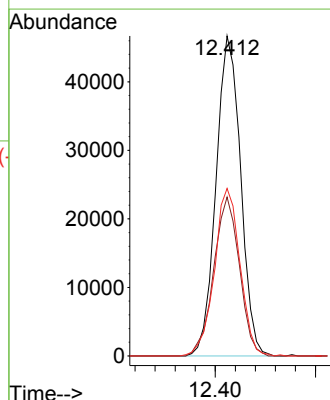
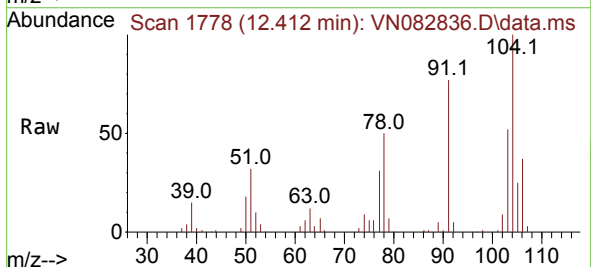
Tgt Ion:104 Resp: 79558

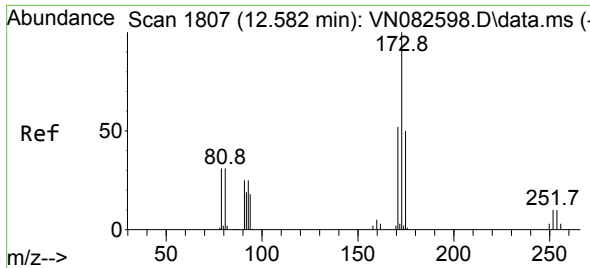
Ion Ratio Lower Upper

104 100

78 51.7 41.6 62.4

103 54.4 44.0 66.0

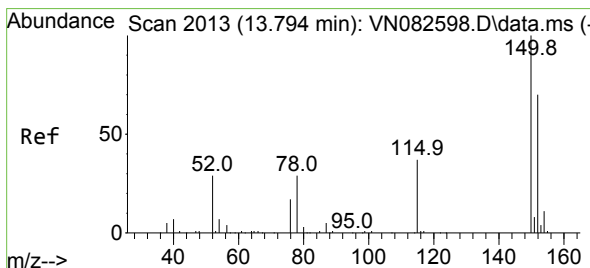
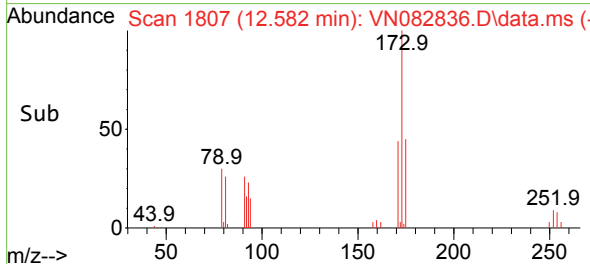
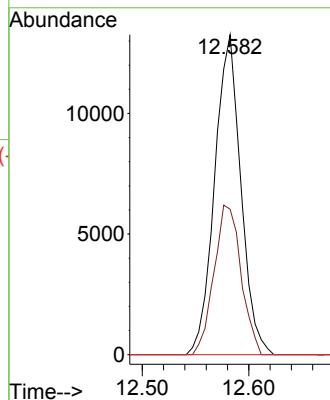
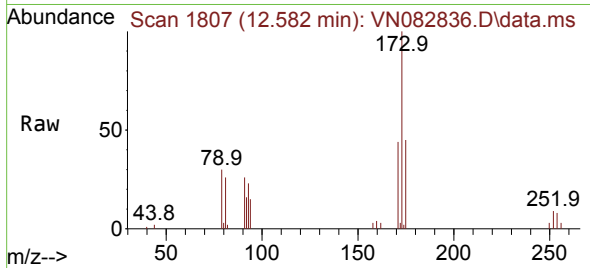




#71  
Bromoform  
Concen: 19.698 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

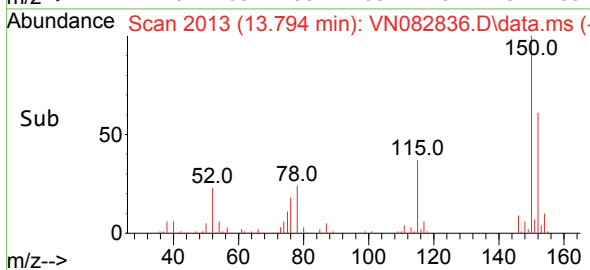
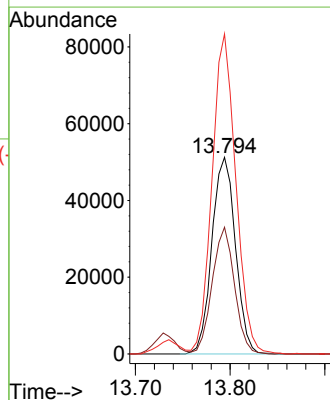
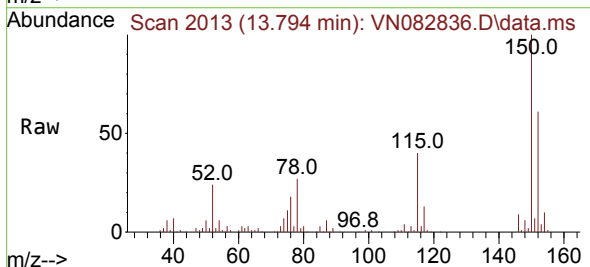
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

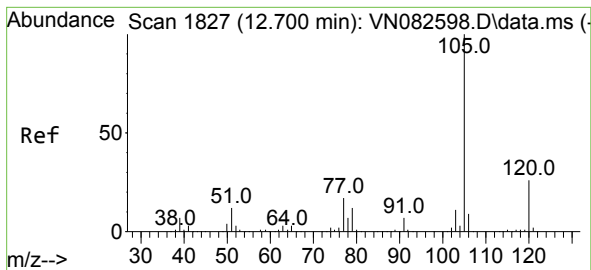
Tgt Ion:173 Resp: 22612  
Ion Ratio Lower Upper  
173 100  
175 48.3 24.0 72.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion:152 Resp: 88461  
Ion Ratio Lower Upper  
152 100  
115 61.0 30.6 91.6  
150 164.0 0.0 348.6





#73

Isopropylbenzene

Concen: 18.827 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN082836.D

Acq: 09 Jul 2024 13:44

Instrument :

MSVOA\_N

ClientSampleId :

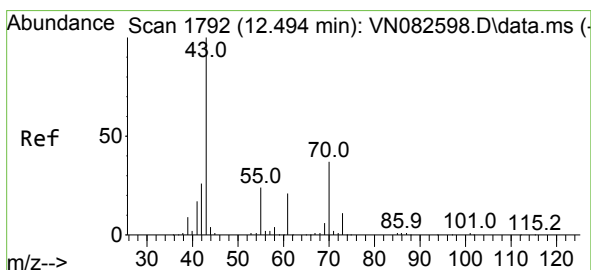
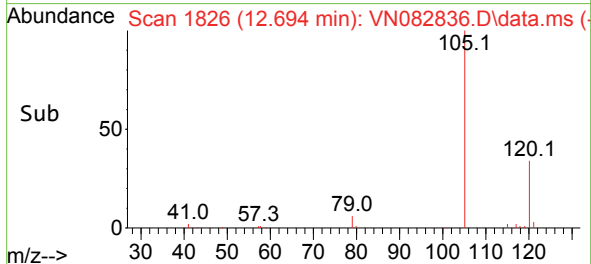
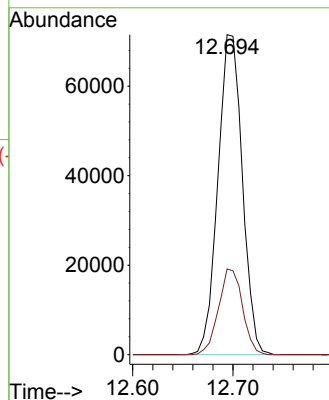
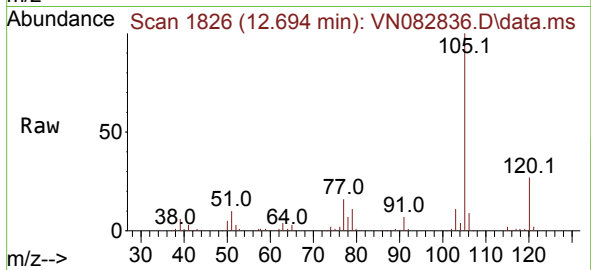
VN0709WBS01

Tgt Ion:105 Resp: 121018

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.6



#74

N-ethyl acetate

Concen: 19.743 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN082836.D

Acq: 09 Jul 2024 13:44

Tgt Ion: 43 Resp: 52493

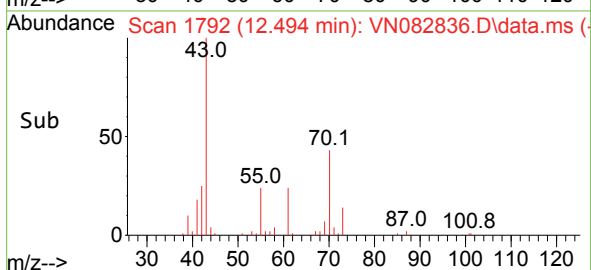
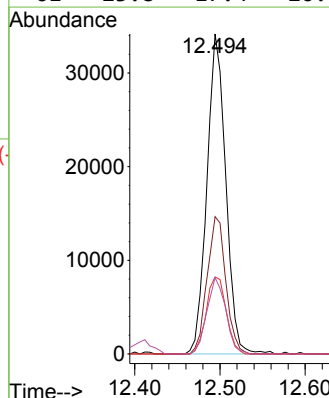
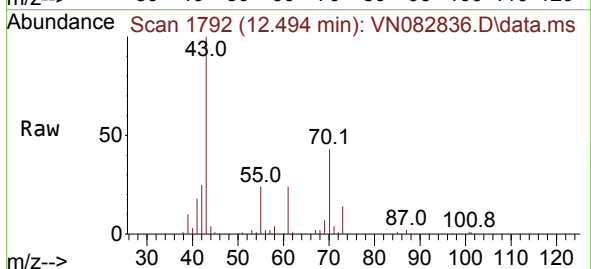
Ion Ratio Lower Upper

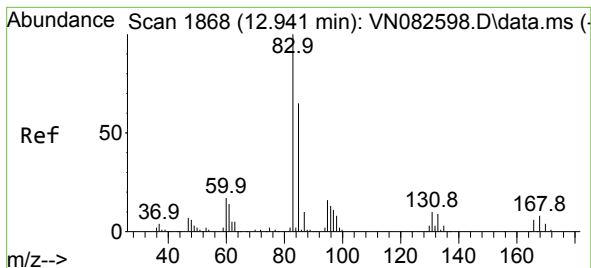
43 100

70 42.6 29.8 44.6

55 25.5 18.7 28.1

61 23.8 17.4 26.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.479 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN082836.D

Acq: 09 Jul 2024 13:44

Instrument :

MSVOA\_N

ClientSampleId :

VN0709WBS01

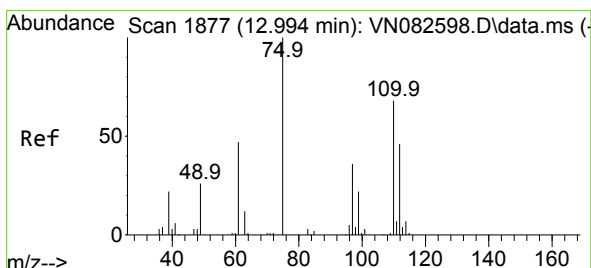
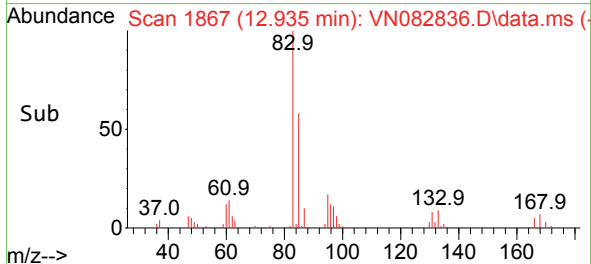
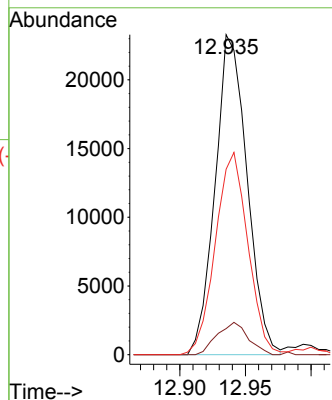
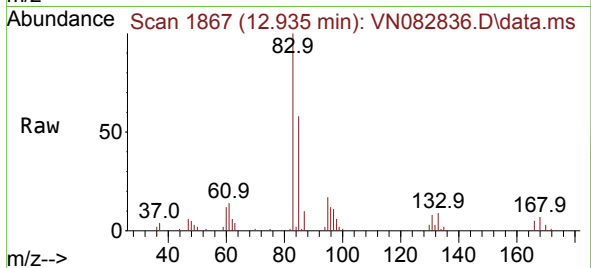
Tgt Ion: 83 Resp: 39425

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 64.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 35.324 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN082836.D

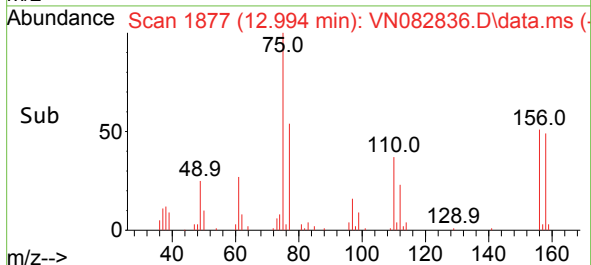
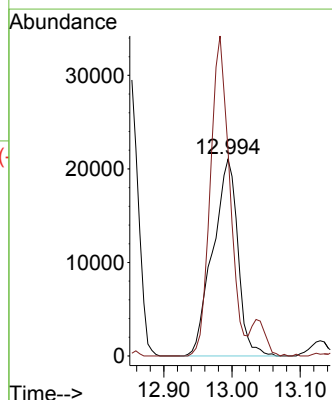
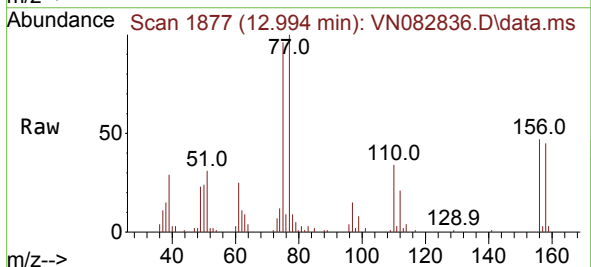
Acq: 09 Jul 2024 13:44

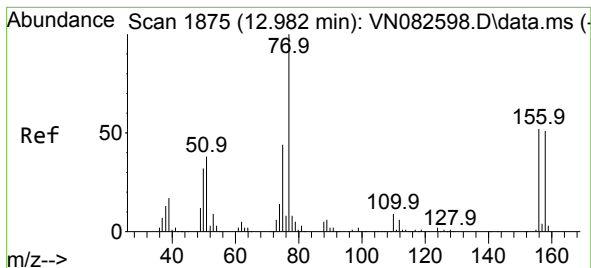
Tgt Ion: 75 Resp: 53873

Ion Ratio Lower Upper

75 100

77 125.7 110.9 332.6





#77

Bromobenzene

Concen: 18.878 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082836.D

Acq: 09 Jul 2024 13:44

Instrument :

MSVOA\_N

ClientSampleId :

VN0709WBS01

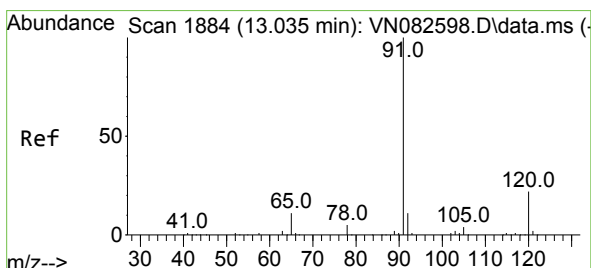
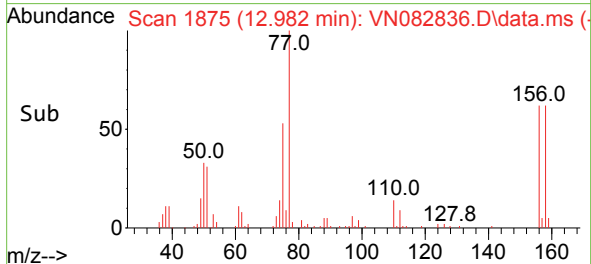
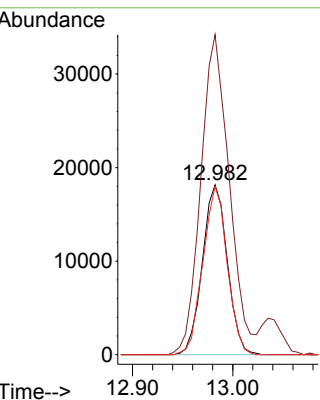
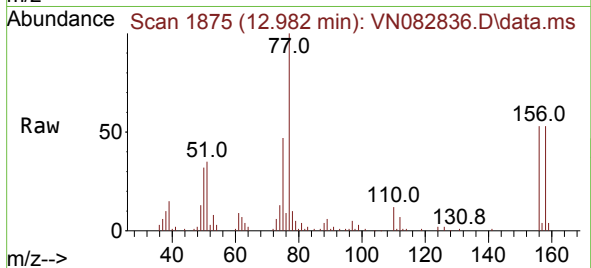
Tgt Ion:156 Resp: 31306

Ion Ratio Lower Upper

156 100

77 216.2 111.3 333.8

158 97.0 48.3 144.9



#78

n-propylbenzene

Concen: 19.506 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN082836.D

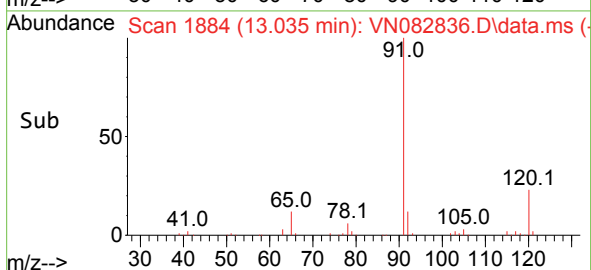
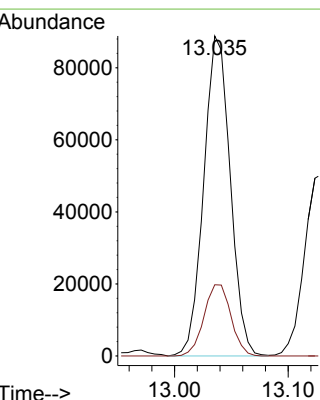
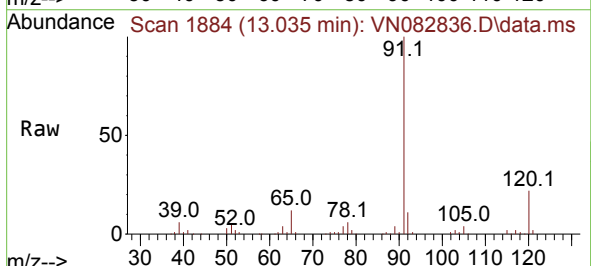
Acq: 09 Jul 2024 13:44

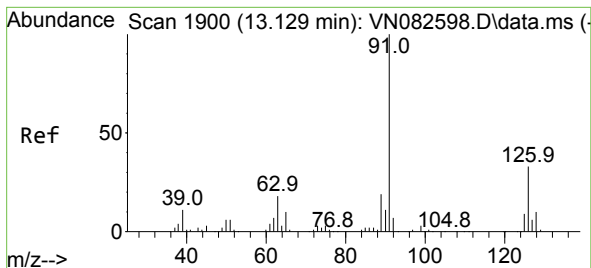
Tgt Ion: 91 Resp: 144160

Ion Ratio Lower Upper

91 100

120 22.7 10.9 32.9

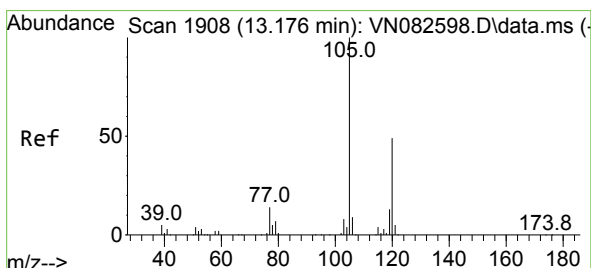
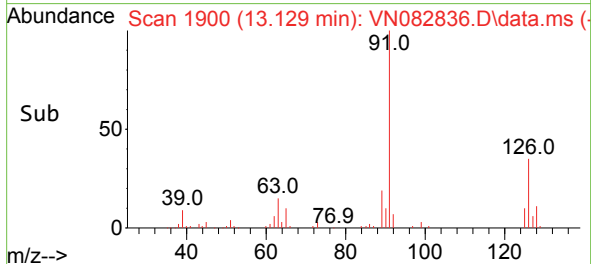
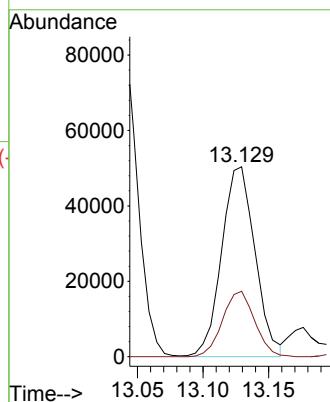
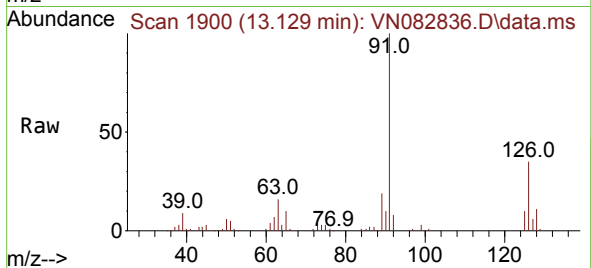




#79  
 2-Chlorotoluene  
 Concen: 18.993 ug/l  
 RT: 13.129 min Scan# 1900  
 Delta R.T. 0.000 min  
 Lab File: VN082836.D  
 Acq: 09 Jul 2024 13:44

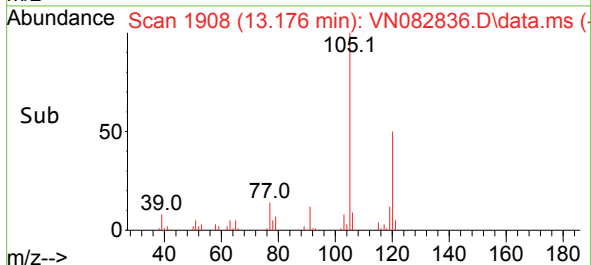
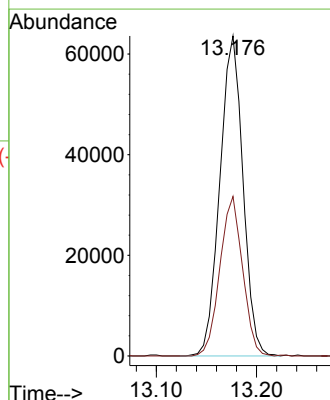
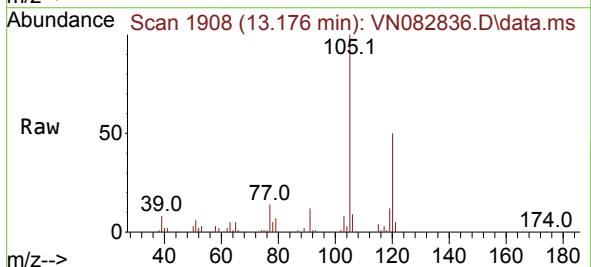
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0709WBS01

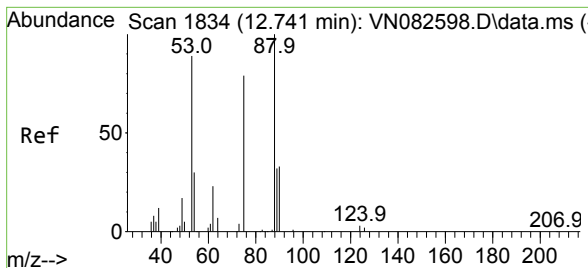
Tgt Ion: 91 Resp: 89438  
 Ion Ratio Lower Upper  
 91 100  
 126 33.1 16.2 48.6



#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.523 ug/l  
 RT: 13.176 min Scan# 1908  
 Delta R.T. 0.000 min  
 Lab File: VN082836.D  
 Acq: 09 Jul 2024 13:44

Tgt Ion: 105 Resp: 101440  
 Ion Ratio Lower Upper  
 105 100  
 120 48.9 24.3 72.8

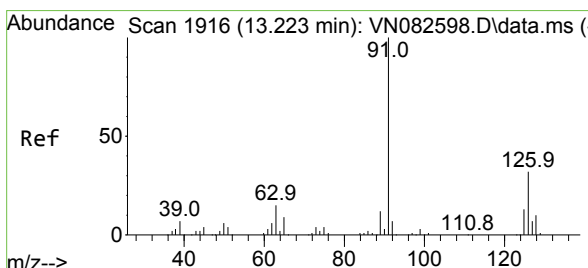
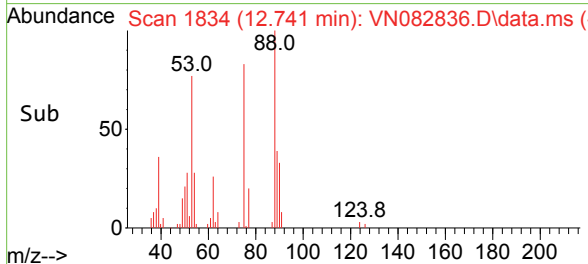
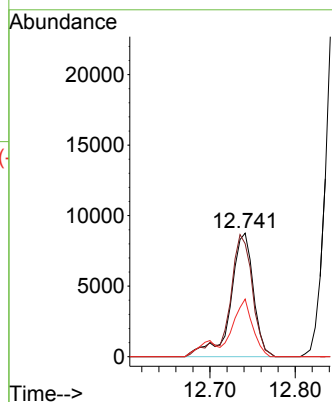
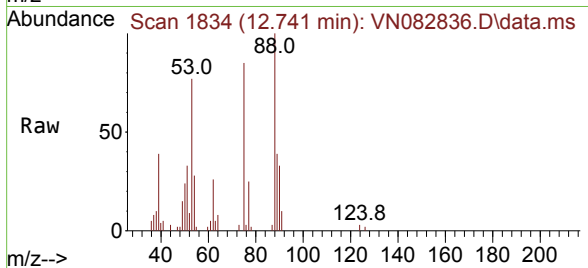




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.976 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

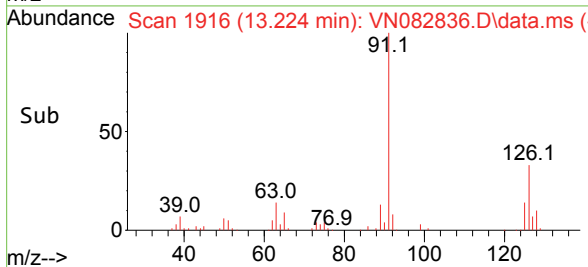
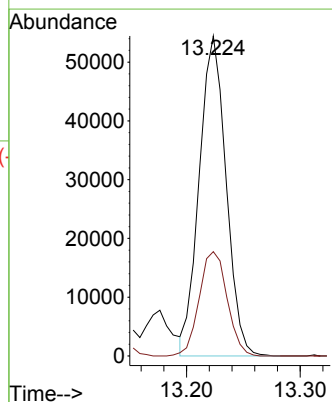
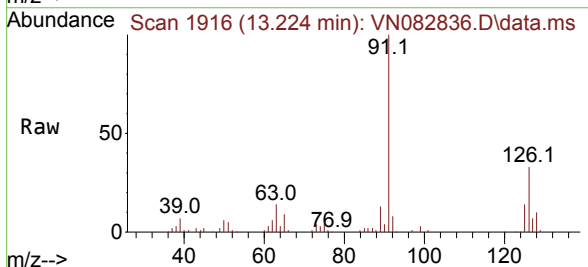
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

Tgt Ion: 75 Resp: 16266  
Ion Ratio Lower Upper  
75 100  
53 99.1 88.4 132.6  
89 39.8 36.3 54.5



#82  
4-Chlorotoluene  
Concen: 19.142 ug/l  
RT: 13.224 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion: 91 Resp: 89223  
Ion Ratio Lower Upper  
91 100  
126 33.9 16.2 48.6





#83

tert-Butylbenzene

Concen: 18.124 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN082836.D

Acq: 09 Jul 2024 13:44

Instrument :

MSVOA\_N

ClientSampleId :

VN0709WBS01

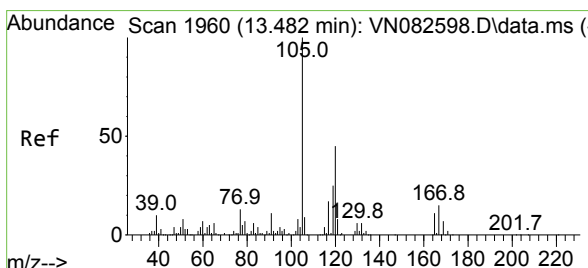
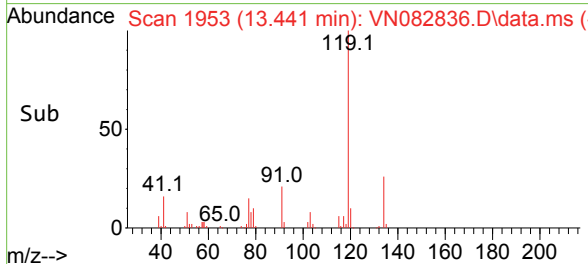
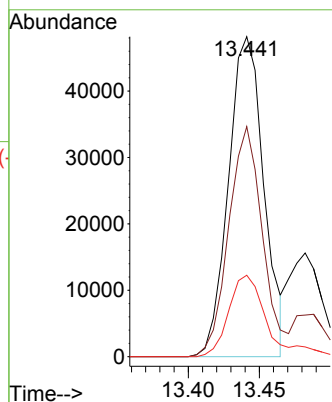
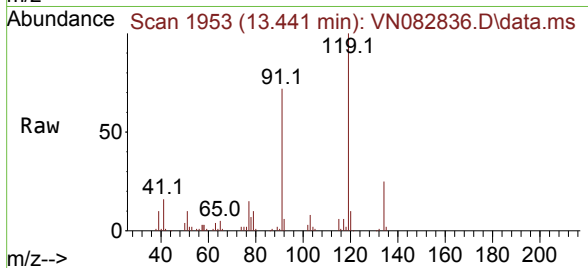
Tgt Ion:119 Resp: 83485

Ion Ratio Lower Upper

119 100

91 69.1 35.0 105.1

134 27.4 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 19.424 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082836.D

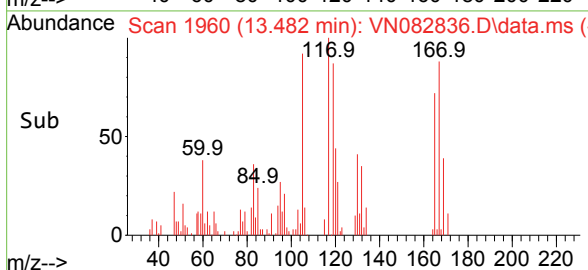
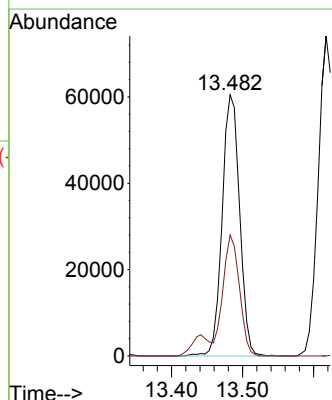
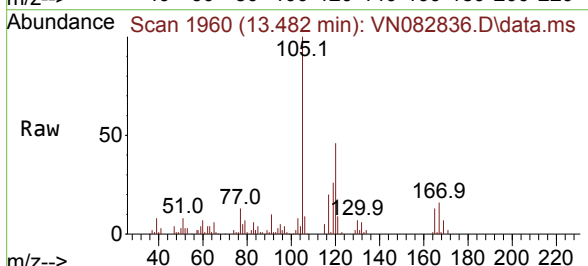
Acq: 09 Jul 2024 13:44

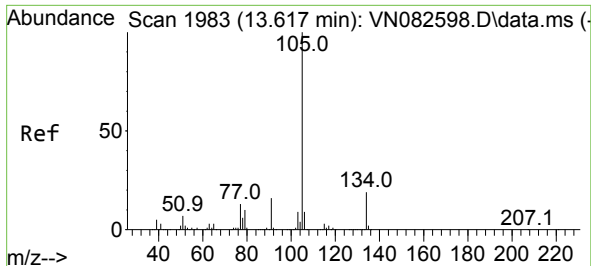
Tgt Ion:105 Resp: 102865

Ion Ratio Lower Upper

105 100

120 43.6 21.9 65.8

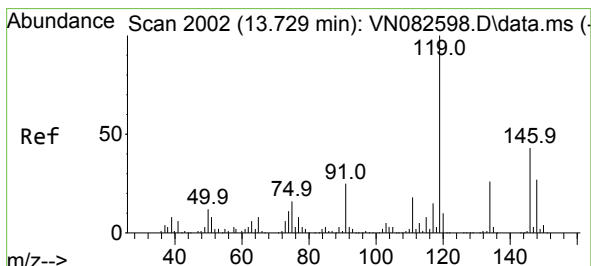
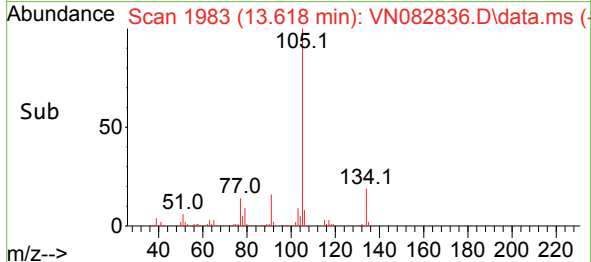
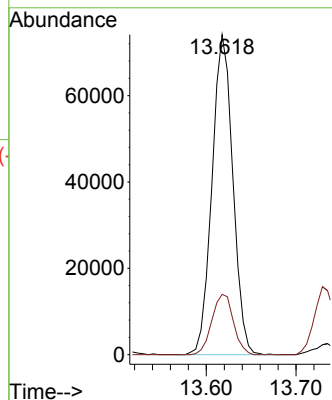
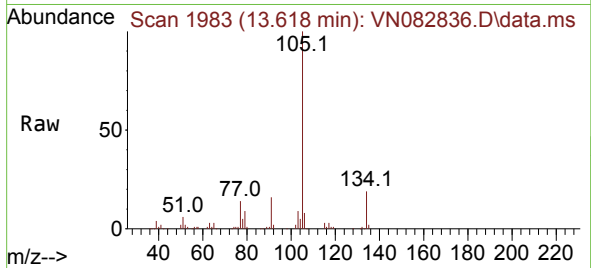




#85  
 sec-Butylbenzene  
 Concen: 19.182 ug/l  
 RT: 13.618 min Scan# 1983  
 Delta R.T. 0.001 min  
 Lab File: VN082836.D  
 Acq: 09 Jul 2024 13:44

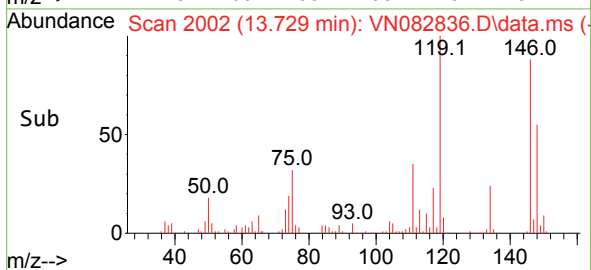
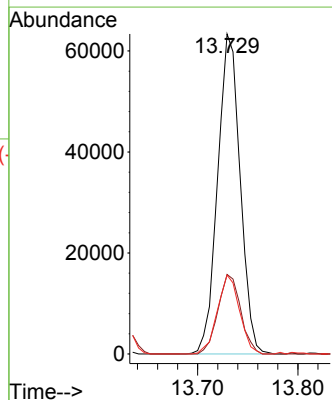
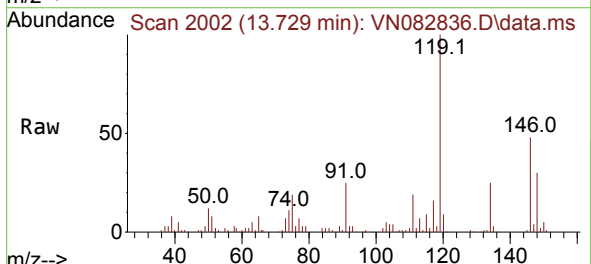
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0709WBS01

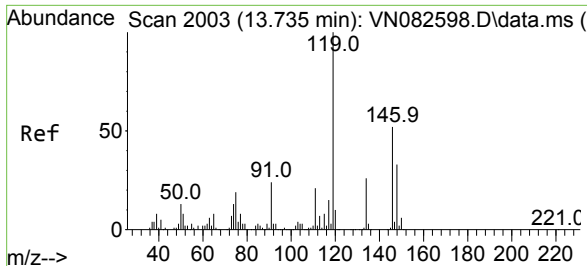
Tgt Ion:105 Resp: 119403  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 19.004 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN082836.D  
 Acq: 09 Jul 2024 13:44

Tgt Ion:119 Resp: 98695  
 Ion Ratio Lower Upper  
 119 100  
 134 25.0 13.0 39.0  
 91 24.3 12.3 36.9

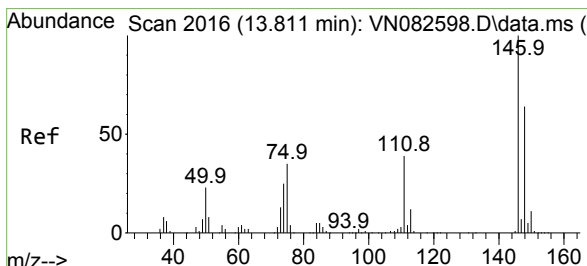
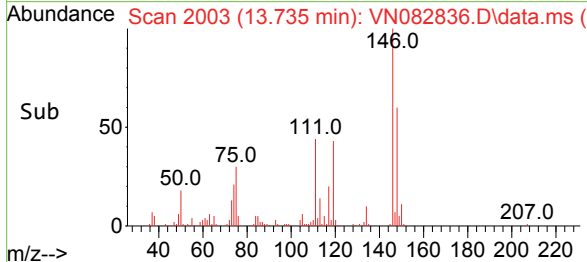
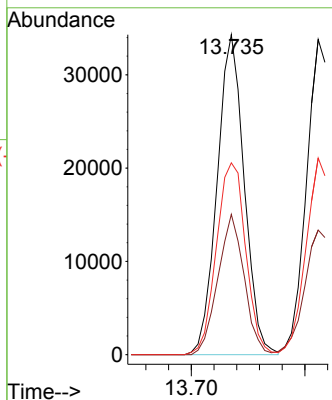
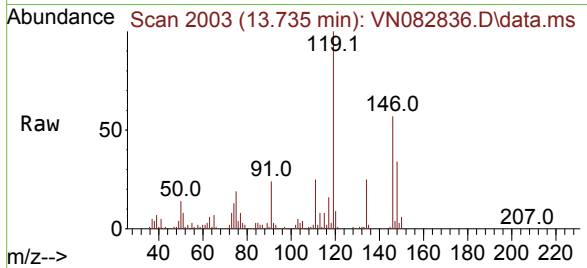




#87  
1,3-Dichlorobenzene  
Concen: 18.961 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

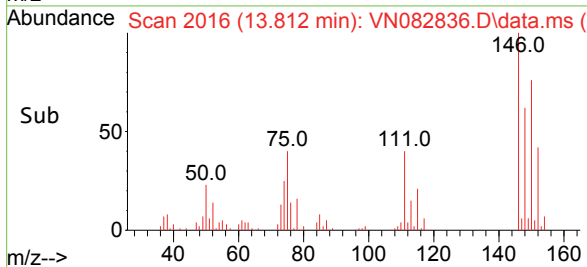
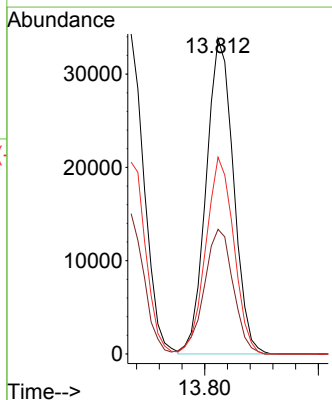
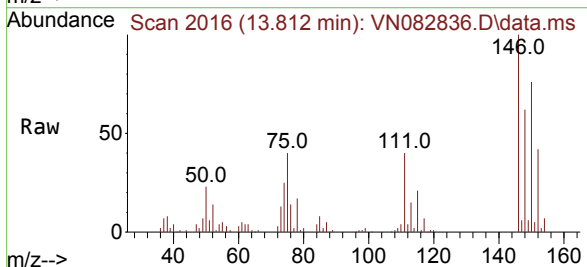
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

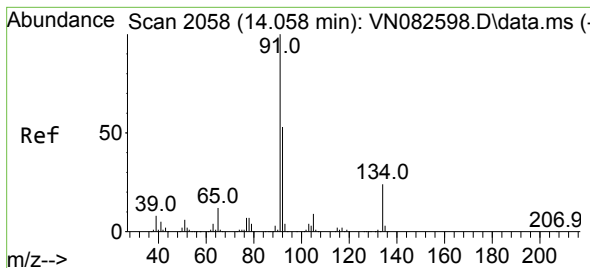
Tgt Ion:146 Resp: 56800  
Ion Ratio Lower Upper  
146 100  
111 42.4 20.6 61.9  
148 64.8 31.8 95.3



#88  
1,4-Dichlorobenzene  
Concen: 18.246 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. 0.001 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion:146 Resp: 56529  
Ion Ratio Lower Upper  
146 100  
111 42.1 20.1 60.3  
148 63.8 32.2 96.6





#89

n-Butylbenzene

Concen: 18.398 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082836.D

Acq: 09 Jul 2024 13:44

Instrument :

MSVOA\_N

ClientSampleId :

VN0709WBS01

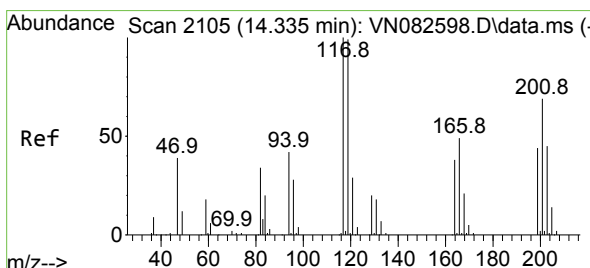
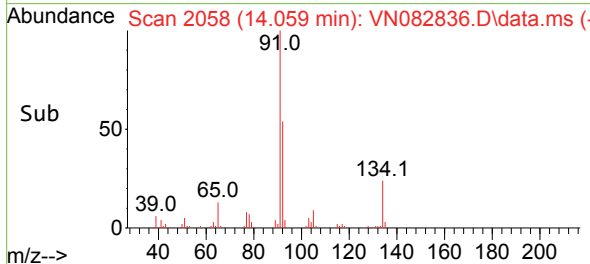
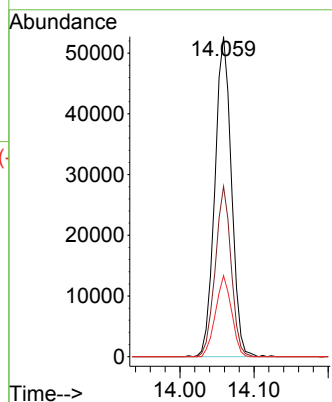
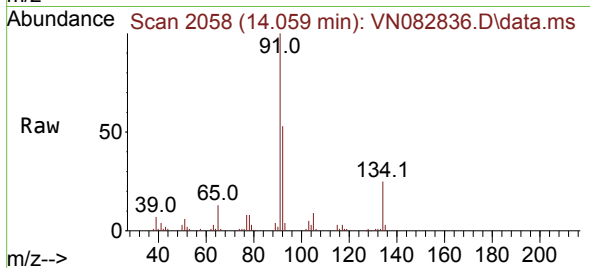
Tgt Ion: 91 Resp: 81862

Ion Ratio Lower Upper

91 100

92 50.8 26.1 78.3

134 24.4 12.1 36.3



#90

Hexachloroethane

Concen: 19.045 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN082836.D

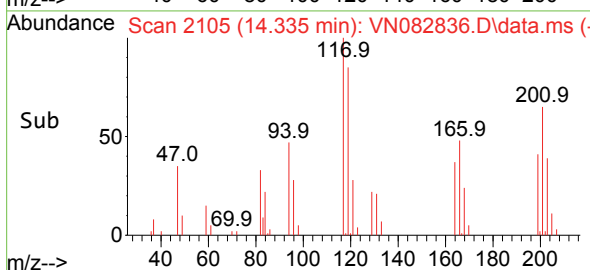
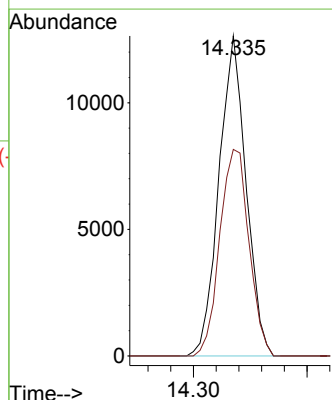
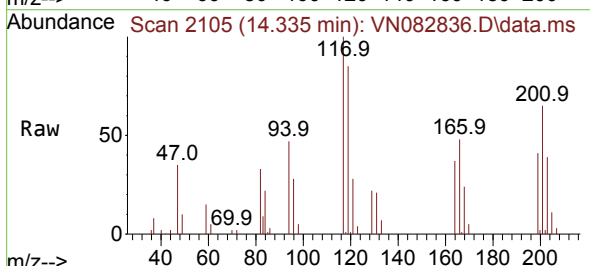
Acq: 09 Jul 2024 13:44

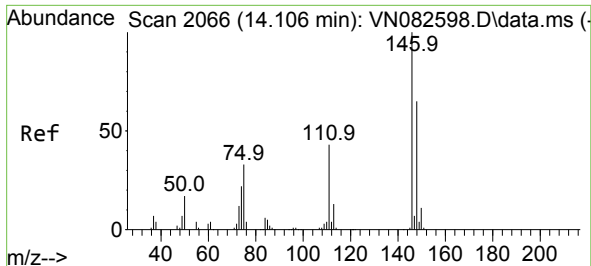
Tgt Ion: 117 Resp: 20929

Ion Ratio Lower Upper

117 100

201 69.6 35.8 107.3

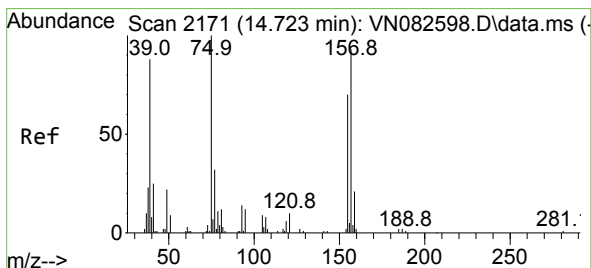
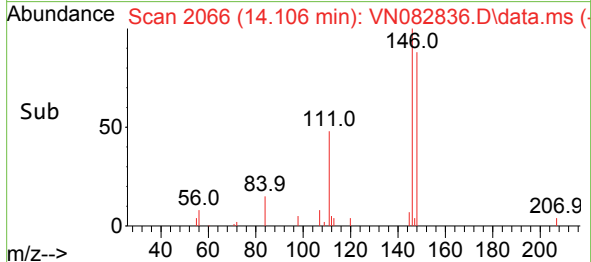
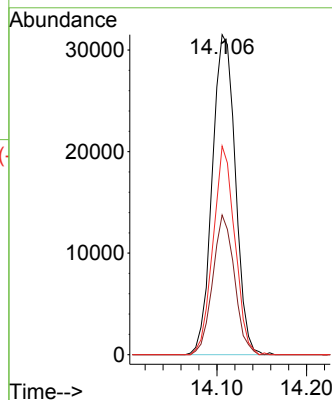
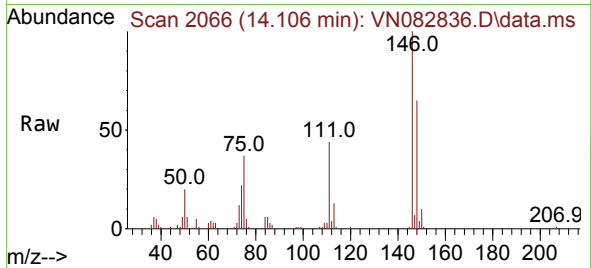




#91  
1,2-Dichlorobenzene  
Concen: 19.347 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

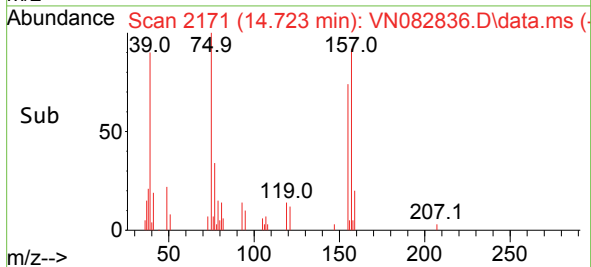
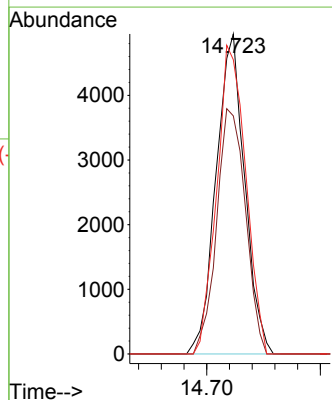
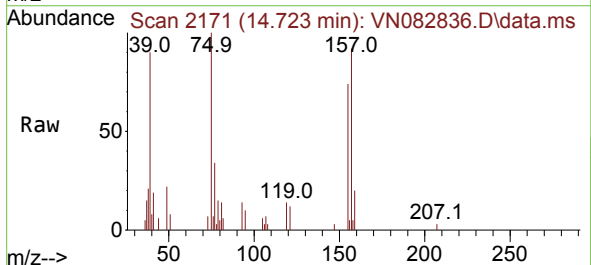
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

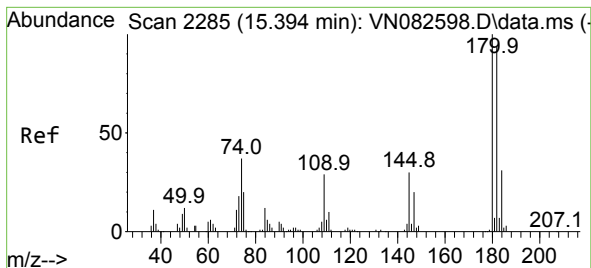
Tgt Ion:146 Resp: 56272  
Ion Ratio Lower Upper  
146 100  
111 41.1 21.4 64.2  
148 61.5 32.1 96.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.343 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion: 75 Resp: 8615  
Ion Ratio Lower Upper  
75 100  
155 77.5 36.6 109.8  
157 98.3 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 18.346 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082836.D

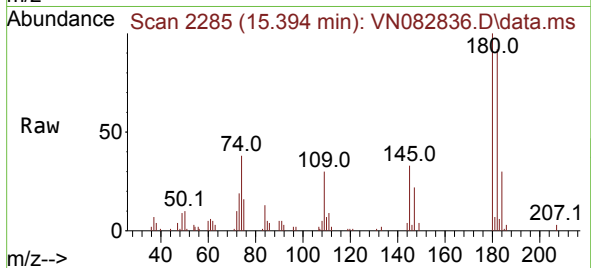
Acq: 09 Jul 2024 13:44

Instrument :

MSVOA\_N

ClientSampleId :

VN0709WBS01



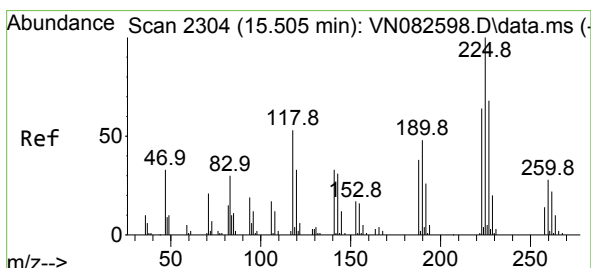
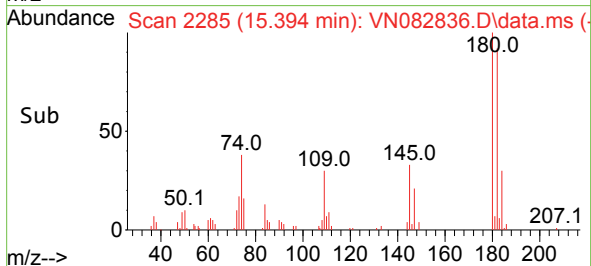
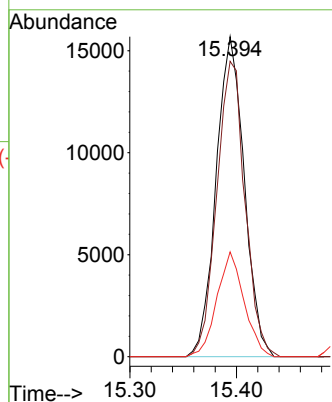
Tgt Ion:180 Resp: 28743

Ion Ratio Lower Upper

180 100

182 92.5 47.3 141.8

145 31.7 15.7 47.1



#94

Hexachlorobutadiene

Concen: 17.646 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.001 min

Lab File: VN082836.D

Acq: 09 Jul 2024 13:44

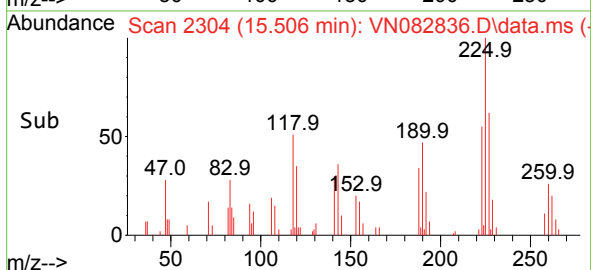
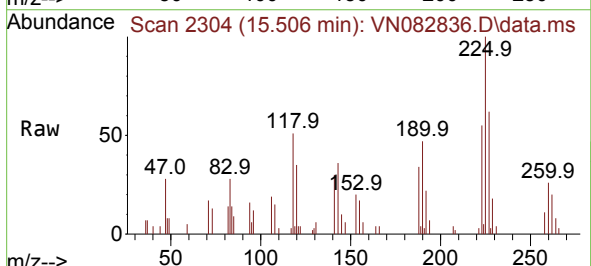
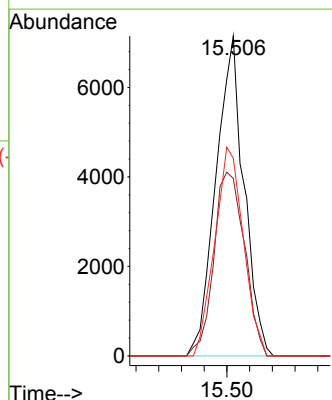
Tgt Ion:225 Resp: 12256

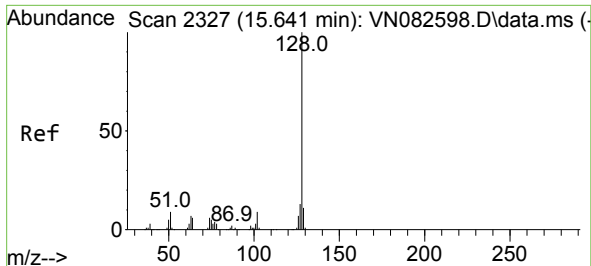
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.7

227 66.7 32.5 97.5

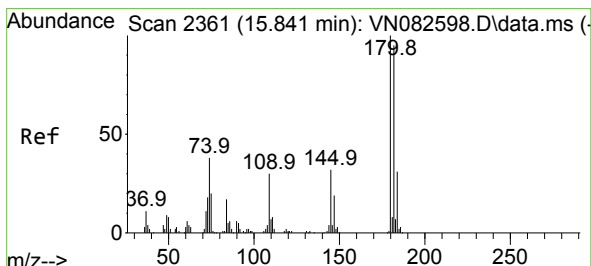
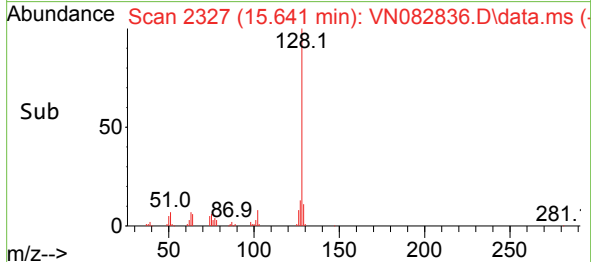
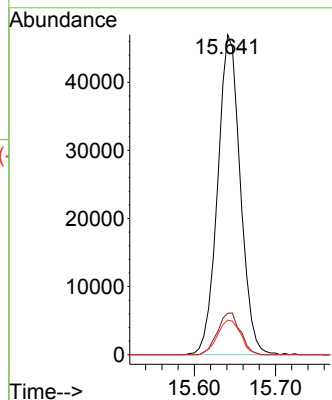
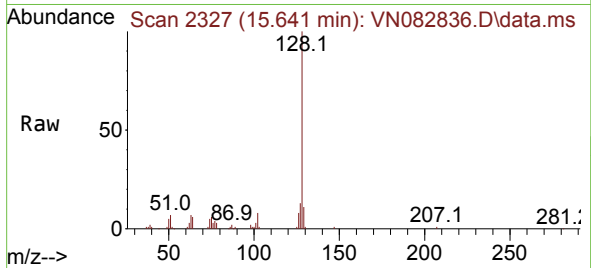




#95  
Naphthalene  
Concen: 16.994 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. 0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0709WBS01

Tgt Ion:128 Resp: 91194  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.6 16.0  
129 11.1 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 17.609 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. -0.000 min  
Lab File: VN082836.D  
Acq: 09 Jul 2024 13:44

Tgt Ion:180 Resp: 28366  
Ion Ratio Lower Upper  
180 100  
182 94.5 48.9 146.8  
145 35.8 16.8 50.4

