

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN040725\  
 Data File : VN086236.D  
 Acq On : 07 Apr 2025 14:46  
 Operator : JC\MD  
 Sample : VSTDICC010  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC010

Quant Time: Apr 08 03:55:23 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N040725W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 08 03:08:50 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.218  | 168   | 128703   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100  | 114   | 220913   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 193860   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.788 | 152   | 89014    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.577  | 65    | 21355    | 13.117   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 26.240%# |
| 35) Dibromofluoromethane     | 8.165  | 113   | 14348    | 12.850   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 25.700%# |
| 50) Toluene-d8               | 10.565 | 98    | 59525    | 12.879   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 25.760%# |
| 62) 4-Bromofluorobenzene     | 12.847 | 95    | 20822    | 12.748   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =      | 25.500%# |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 17575    | 15.730   | ug/l   | 94       |
| 3) Chloromethane             | 2.359  | 50    | 17793    | 14.108   | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.518  | 62    | 17250    | 15.287   | ug/l   | 97       |
| 5) Bromomethane              | 2.965  | 94    | 8271     | 14.761   | ug/l   | 90       |
| 6) Chloroethane              | 3.124  | 64    | 9572     | 14.341   | ug/l # | 83       |
| 7) Trichlorofluoromethane    | 3.501  | 101   | 24398    | 14.826   | ug/l   | 94       |
| 8) Diethyl Ether             | 3.953  | 74    | 7283     | 14.385   | ug/l   | 89       |
| 9) 1,1,2-Trichlorotrifluo... | 4.365  | 101   | 12688    | 14.747   | ug/l   | 96       |
| 10) Methyl Iodide            | 4.589  | 142   | 16886    | 16.648   | ug/l # | 93       |
| 11) Tert butyl alcohol       | 5.500  | 59    | 13005    | 88.238   | ug/l # | 83       |
| 12) 1,1-Dichloroethene       | 4.348  | 96    | 12712    | 14.613   | ug/l   | 95       |
| 13) Acrolein                 | 4.183  | 56    | 12243    | 53.677   | ug/l   | 93       |
| 14) Allyl chloride           | 5.030  | 41    | 17484m   | 14.527   | ug/l   |          |
| 15) Acrylonitrile            | 5.718  | 53    | 32999    | 74.129   | ug/l   | 98       |
| 16) Acetone                  | 4.430  | 43    | 25973    | 69.631   | ug/l   | 96       |
| 17) Carbon Disulfide         | 4.712  | 76    | 38653    | 13.886   | ug/l   | 98       |
| 18) Methyl Acetate           | 5.030  | 43    | 14292    | 12.468   | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 5.789  | 73    | 44017    | 15.109   | ug/l   | 99       |
| 20) Methylene Chloride       | 5.277  | 84    | 15259    | 15.464   | ug/l # | 91       |
| 21) trans-1,2-Dichloroethene | 5.783  | 96    | 13688    | 14.260   | ug/l   | 97       |
| 22) Diisopropyl ether        | 6.671  | 45    | 37067    | 15.436   | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.600  | 43    | 136066   | 78.784   | ug/l   | 95       |
| 24) 1,1-Dichloroethane       | 6.565  | 63    | 25397    | 15.129   | ug/l   | 93       |
| 25) 2-Butanone               | 7.483  | 43    | 40913    | 76.426   | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 7.494  | 77    | 24374    | 14.453   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.483  | 96    | 16836    | 14.540   | ug/l   | 97       |
| 28) Bromochloromethane       | 7.812  | 49    | 9395     | 11.981   | ug/l # | 98       |
| 29) Tetrahydrofuran          | 7.841  | 42    | 25267    | 73.796   | ug/l   | 98       |
| 30) Chloroform               | 7.971  | 83    | 27696    | 14.471   | ug/l   | 89       |
| 31) Cyclohexane              | 8.253  | 56    | 23370    | 15.337   | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 8.165  | 97    | 24885    | 14.240   | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 8.371  | 75    | 17625    | 14.485   | ug/l   | 94       |
| 37) Ethyl Acetate            | 7.559  | 43    | 15132m   | 13.778   | ug/l   |          |
| 38) Carbon Tetrachloride     | 8.359  | 117   | 22137    | 14.078   | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.600  | 83    | 19894    | 13.661   | ug/l   | 89       |
| 40) Benzene                  | 8.606  | 78    | 61276    | 14.544   | ug/l   | 94       |

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 Sample : VSTDICC010  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC010

Quant Time: Apr 08 03:55:23 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N040725W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 08 03:08:50 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 9158     | 15.053  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 21114    | 15.108  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.683  | 43   | 29667    | 11.643  | ug/l   | 99       |
| 44) Trichloroethene           | 9.353  | 130  | 15824    | 14.638  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 13362    | 14.156  | ug/l # | 81       |
| 46) Dibromomethane            | 9.706  | 93   | 9995     | 14.286  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.888  | 83   | 21295    | 14.440  | ug/l   | 94       |
| 48) Methyl methacrylate       | 9.677  | 41   | 12063    | 15.050  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.688  | 88   | 5625     | 297.762 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 78077    | 73.764  | ug/l   | 99       |
| 52) Toluene                   | 10.630 | 92   | 36927    | 14.649  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 22507    | 14.744  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 10.306 | 75   | 23218    | 14.108  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 14021    | 14.241  | ug/l # | 84       |
| 56) Ethyl methacrylate        | 10.865 | 69   | 18202    | 14.687  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 23095    | 14.384  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.153 | 63   | 45785    | 69.202  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.194 | 43   | 56767    | 76.391  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.353 | 129  | 16401    | 14.197  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 14251    | 15.571  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.100 | 164  | 16674    | 14.589  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.888 | 112  | 40483    | 14.293  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 14703    | 14.581  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.959 | 91   | 66072    | 14.715  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.071 | 106  | 50886    | 29.644  | ug/l   | 96       |
| 69) o-Xylene                  | 12.394 | 106  | 24614    | 14.506  | ug/l   | 98       |
| 70) Styrene                   | 12.406 | 104  | 38409    | 14.904  | ug/l   | 98       |
| 71) Bromoform                 | 12.576 | 173  | 11132    | 14.931  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.694 | 105  | 59232    | 14.537  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.488 | 43   | 18982    | 15.355  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 16877    | 13.744  | ug/l   | 91       |
| 76) 1,2,3-Trichloropropane    | 12.988 | 75   | 20269m   | 14.721  | ug/l   |          |
| 77) Bromobenzene              | 12.976 | 156  | 15279    | 14.266  | ug/l   | 98       |
| 78) n-propylbenzene           | 13.029 | 91   | 65612    | 14.398  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 44880    | 14.165  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.171 | 105  | 49405    | 14.820  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 6483m    | 15.934  | ug/l   |          |
| 82) 4-Chlorotoluene           | 13.218 | 91   | 44815    | 14.565  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 43033    | 15.102  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 50386    | 15.270  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.612 | 105  | 54939    | 14.608  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 44434    | 14.242  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 28942    | 13.964  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 28321    | 13.359  | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.053 | 91   | 37118    | 14.158  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.329 | 117  | 8234     | 13.611  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 14.100 | 146  | 28126    | 13.517  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.712 | 75   | 3931     | 14.322  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 14363    | 13.577  | ug/l   | 94       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 7718     | 13.320  | ug/l   | 98       |
| 95) Naphthalene               | 15.635 | 128  | 44834    | 14.647  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 13965    | 13.722  | ug/l   | 95       |

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Operator : JC\MD  
Sample : VSTDICC010  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

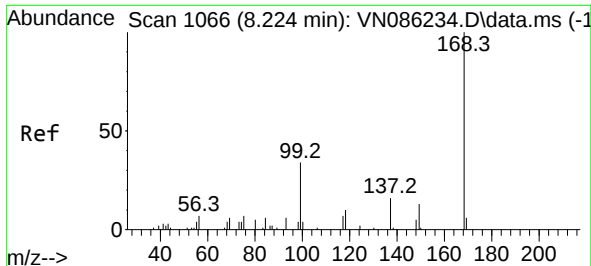
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Quant Time: Apr 08 03:55:23 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N040725W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 08 03:08:50 2025  
Response via : Initial Calibration

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

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

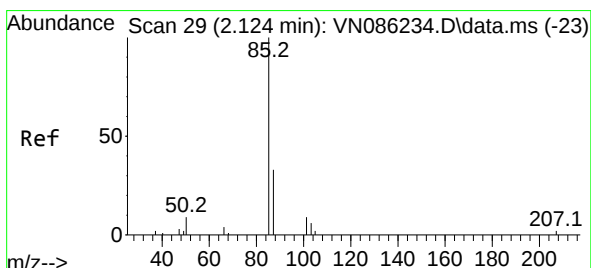
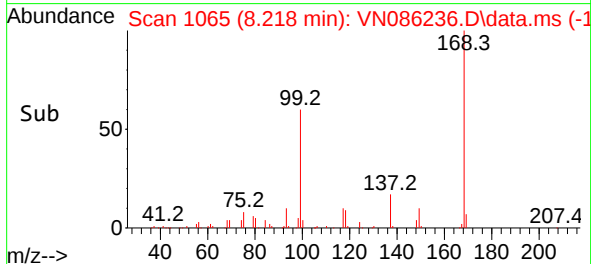
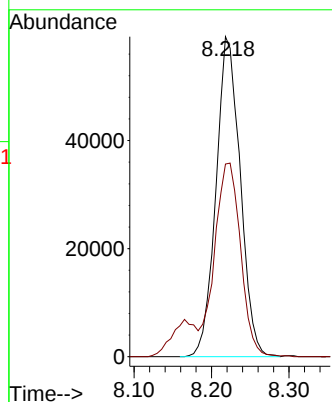
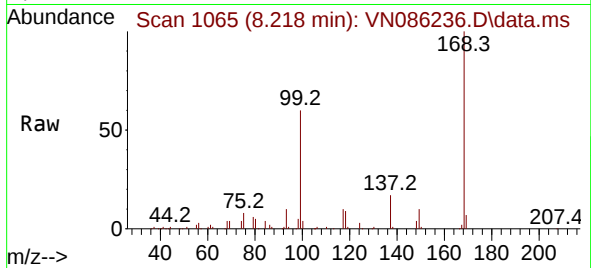




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

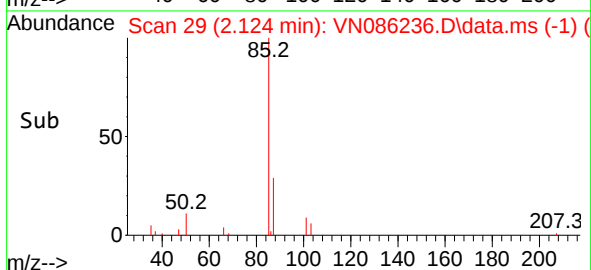
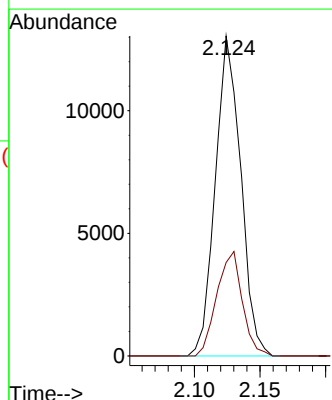
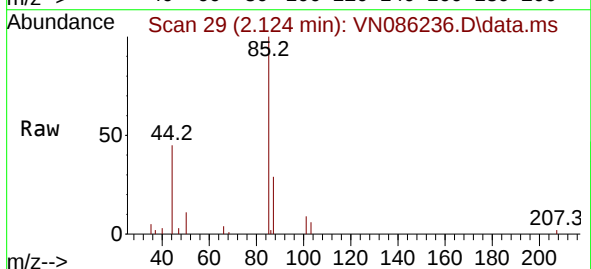
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

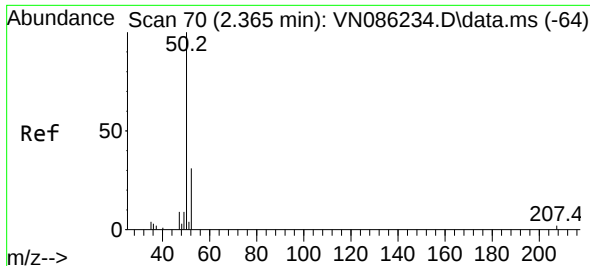
Tgt Ion:168 Resp: 128703  
Ion Ratio Lower Upper  
168 100  
99 59.9 43.8 65.8



#2  
Dichlorodifluoromethane  
Concen: 15.730 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion: 85 Resp: 17575  
Ion Ratio Lower Upper  
85 100  
87 29.2 16.3 48.8

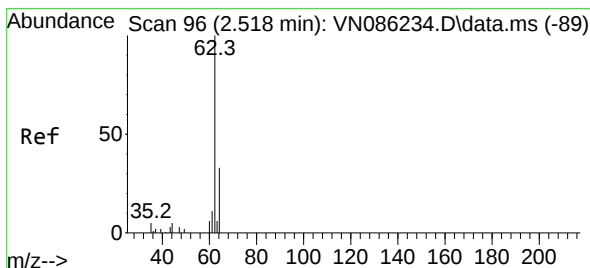
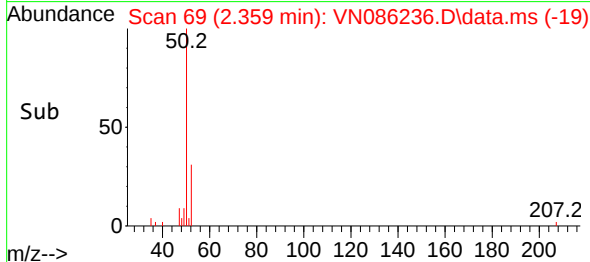
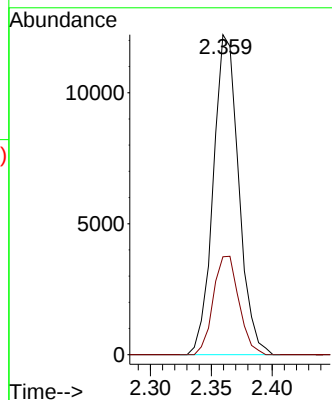
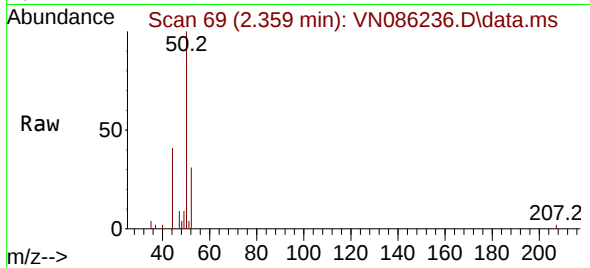




#3  
Chloromethane  
Concen: 14.108 ug/l  
RT: 2.359 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

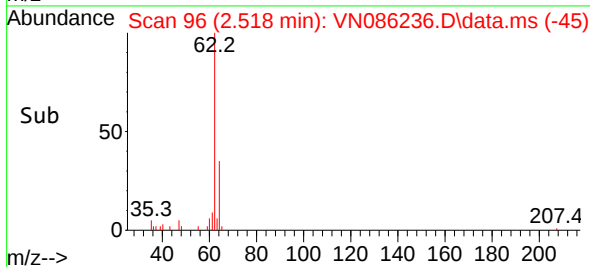
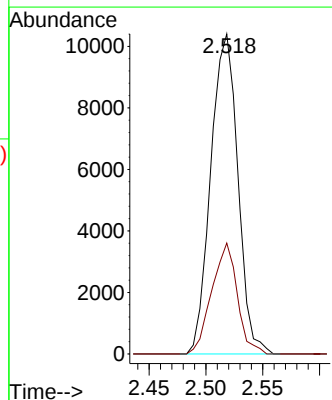
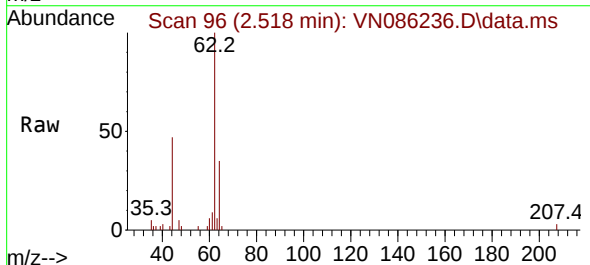
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

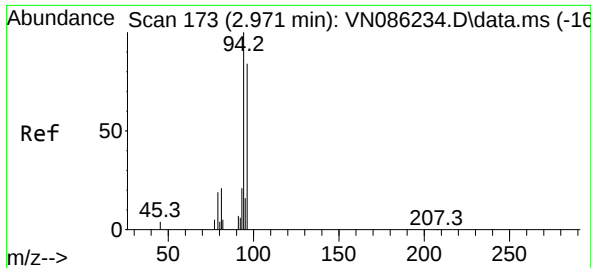
Tgt Ion: 50 Resp: 17793  
Ion Ratio Lower Upper  
50 100  
52 30.6 24.5 36.7



#4  
Vinyl Chloride  
Concen: 15.287 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion: 62 Resp: 17250  
Ion Ratio Lower Upper  
62 100  
64 34.6 26.4 39.6

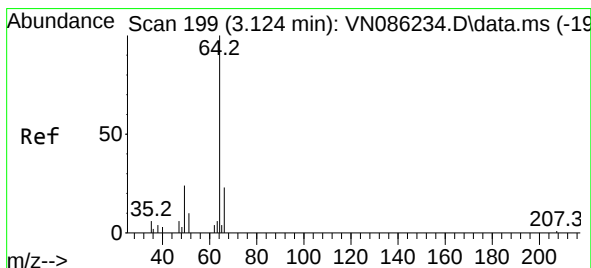
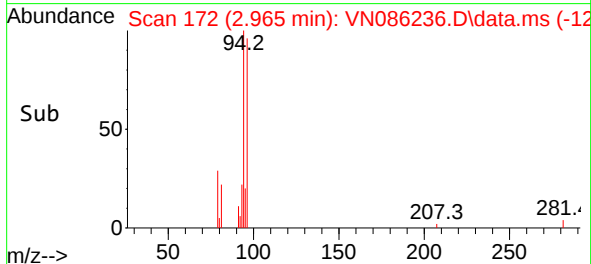
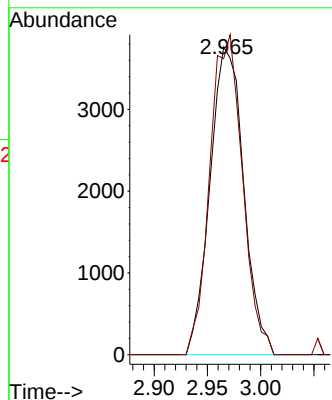
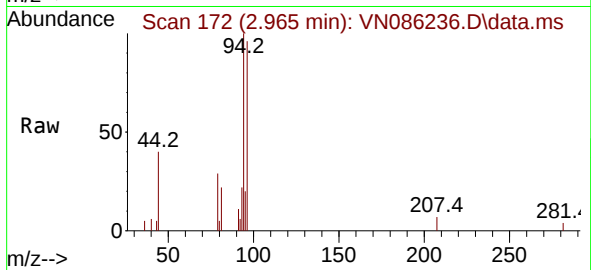




#5  
Bromomethane  
Concen: 14.761 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

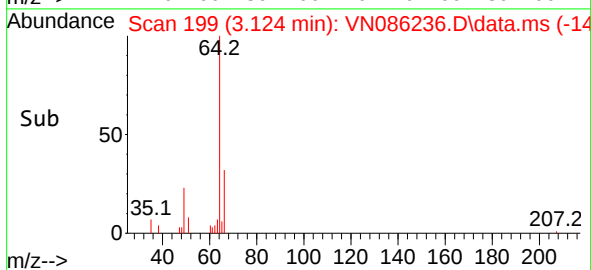
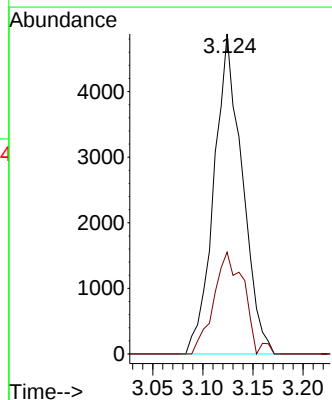
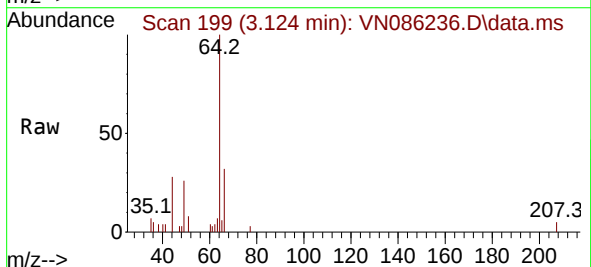
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

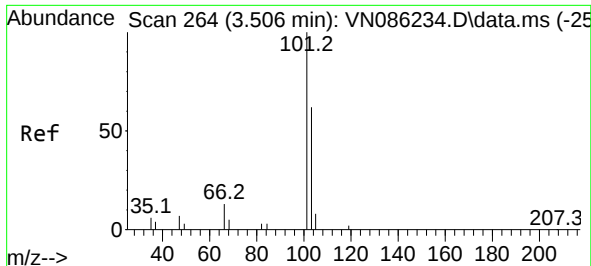
Tgt Ion: 94 Resp: 8271  
Ion Ratio Lower Upper  
94 100  
96 96.2 69.6 104.4



#6  
Chloroethane  
Concen: 14.341 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion: 64 Resp: 9572  
Ion Ratio Lower Upper  
64 100  
66 31.8 18.7 28.1#

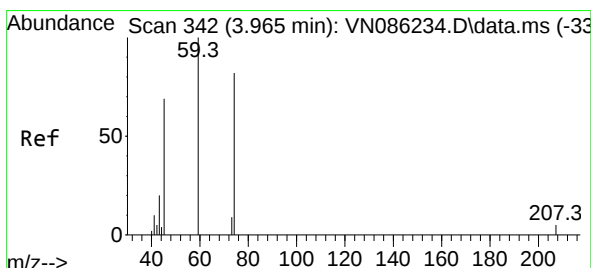
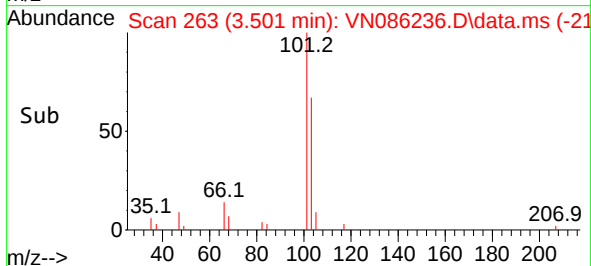
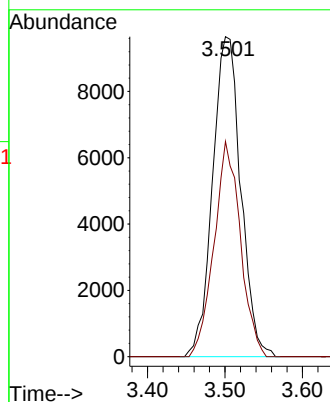
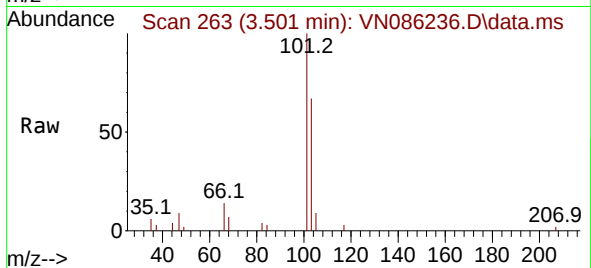




#7  
 Trichlorofluoromethane  
 Concen: 14.826 ug/l  
 RT: 3.501 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VN086236.D  
 Acq: 07 Apr 2025 14:46

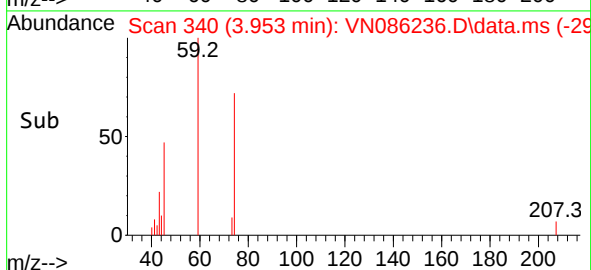
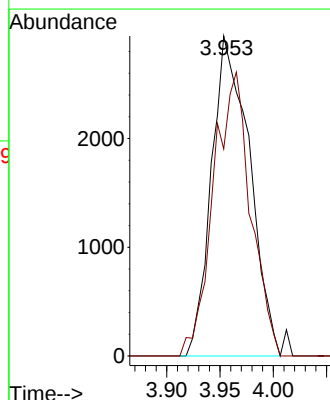
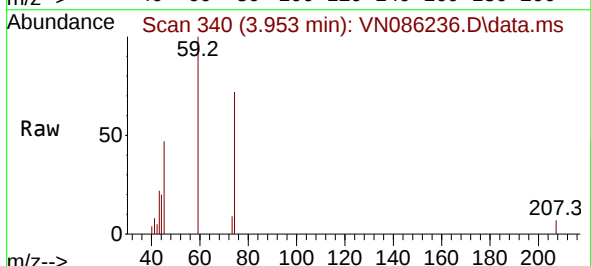
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC010

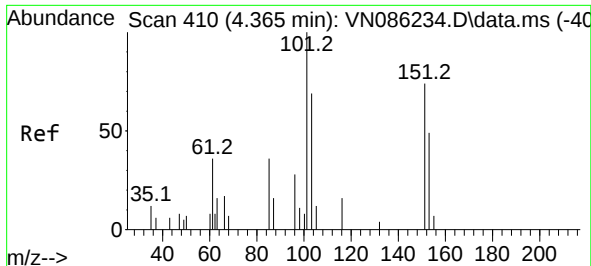
Tgt Ion:101 Resp: 24398  
 Ion Ratio Lower Upper  
 101 100  
 103 67.2 50.0 75.0



#8  
 Diethyl Ether  
 Concen: 14.385 ug/l  
 RT: 3.953 min Scan# 340  
 Delta R.T. -0.012 min  
 Lab File: VN086236.D  
 Acq: 07 Apr 2025 14:46

Tgt Ion: 74 Resp: 7283  
 Ion Ratio Lower Upper  
 74 100  
 45 87.0 38.6 116.0

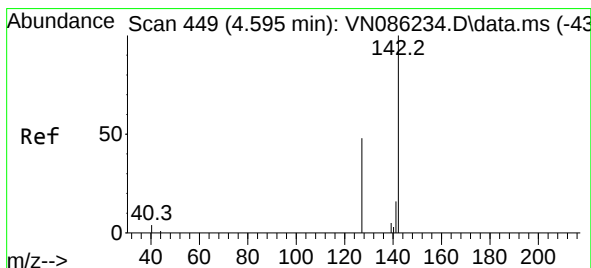
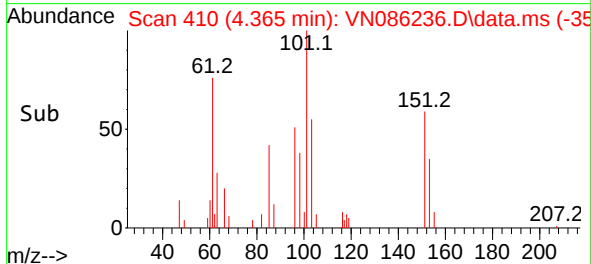
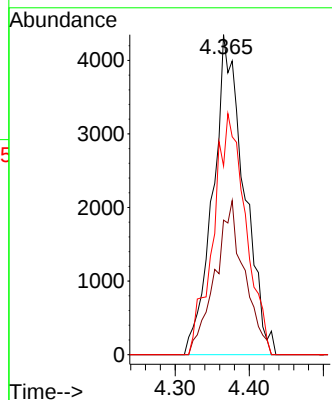
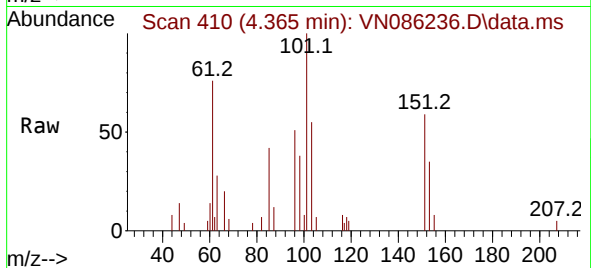




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 14.747 ug/l  
RT: 4.365 min Scan# 410  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

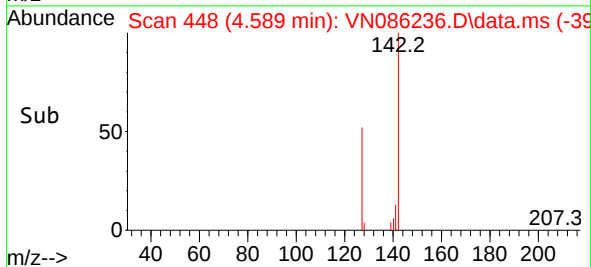
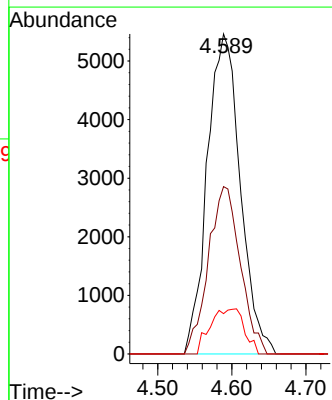
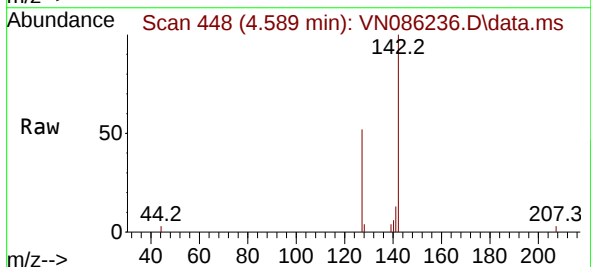
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

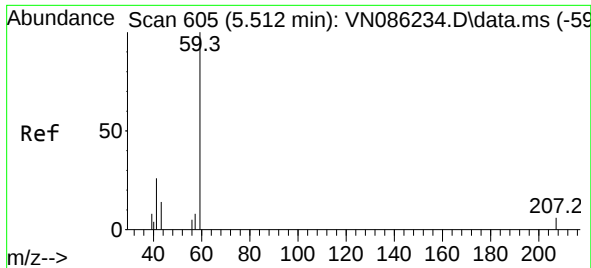
Tgt Ion:101 Resp: 12688  
Ion Ratio Lower Upper  
101 100  
85 45.5 34.6 52.0  
151 78.3 59.9 89.9



#10  
Methyl Iodide  
Concen: 16.648 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. -0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion:142 Resp: 16886  
Ion Ratio Lower Upper  
142 100  
127 52.3 38.3 57.5  
141 12.6 12.6 19.0#

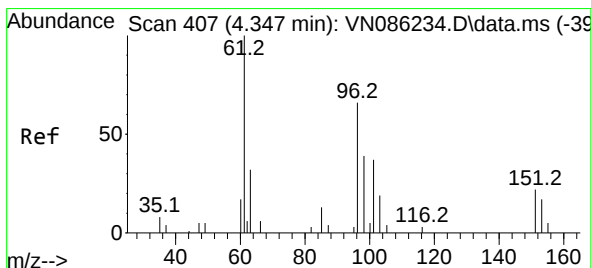
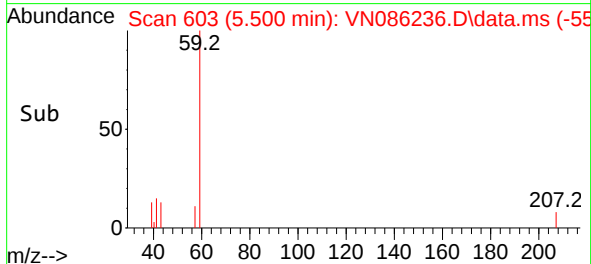
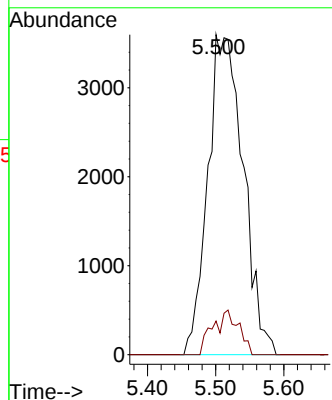
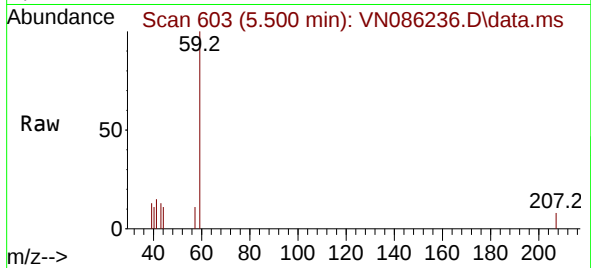




#11  
Tert butyl alcohol  
Concen: 88.238 ug/l  
RT: 5.500 min Scan# 605  
Delta R.T. -0.012 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

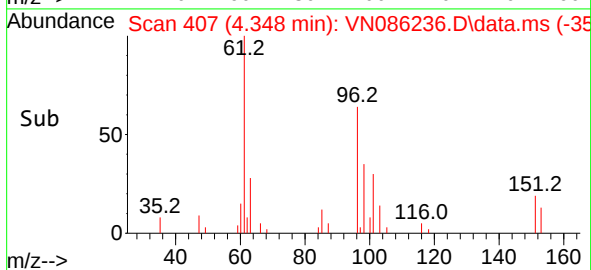
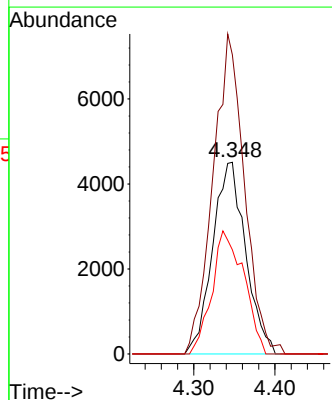
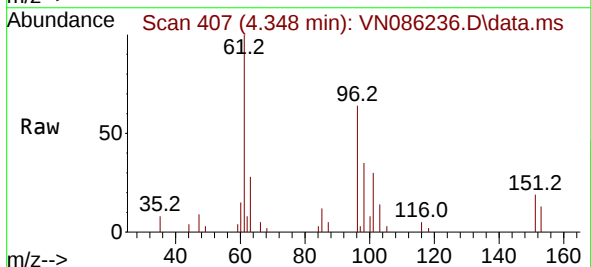
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

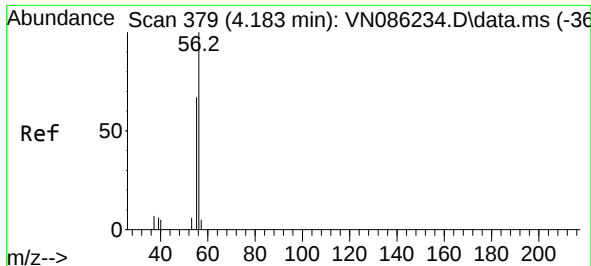
Tgt Ion: 59 Resp: 13005  
Ion Ratio Lower Upper  
59 100  
57 10.1 3.7 5.5#



#12  
1,1-Dichloroethene  
Concen: 14.613 ug/l  
RT: 4.348 min Scan# 407  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion: 96 Resp: 12712  
Ion Ratio Lower Upper  
96 100  
61 156.1 120.3 180.5  
98 54.3 46.6 70.0





#13

Acrolein

Concen: 53.677 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN086236.D

Acq: 07 Apr 2025 14:46

Instrument :

MSVOA\_N

ClientSampleId :

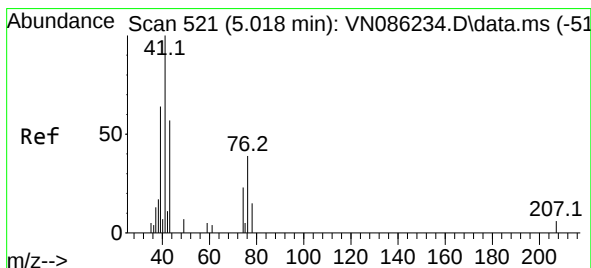
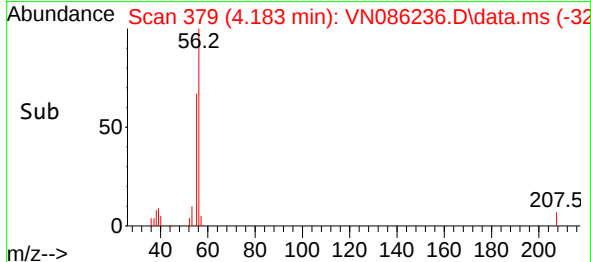
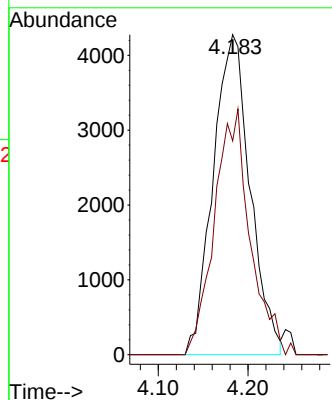
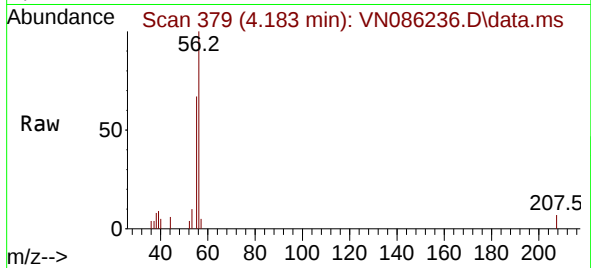
VSTDICC010

Tgt Ion: 56 Resp: 12243

Ion Ratio Lower Upper

56 100

55 74.0 54.6 82.0



#14

Allyl chloride

Concen: 14.527 ug/l m

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN086236.D

Acq: 07 Apr 2025 14:46

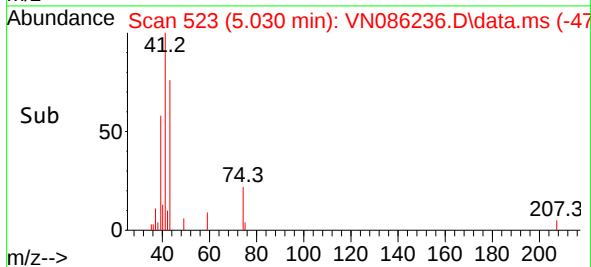
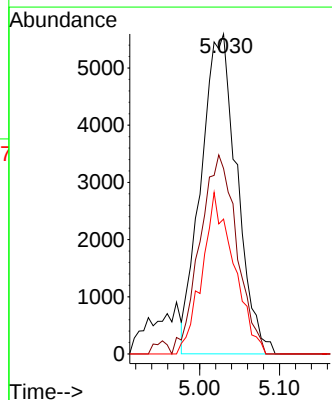
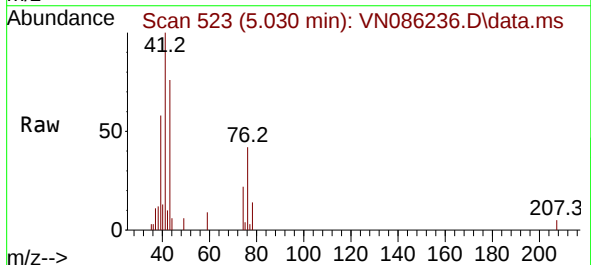
Tgt Ion: 41 Resp: 17484

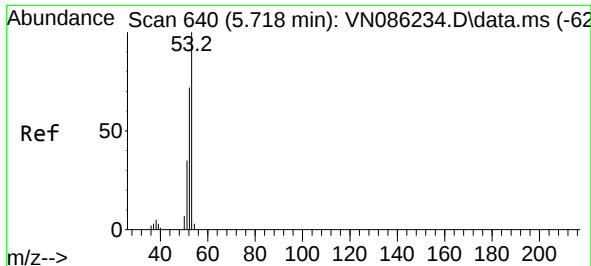
Ion Ratio Lower Upper

41 100

39 63.9 58.7 88.1

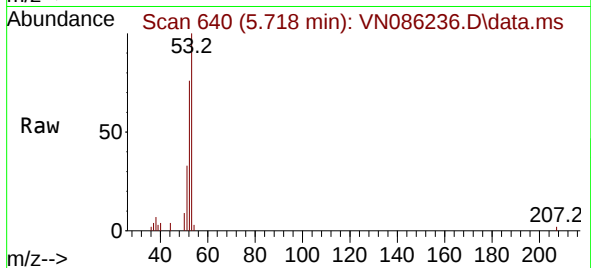
76 44.6 40.2 60.4



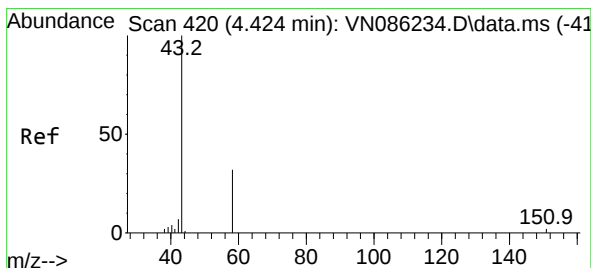
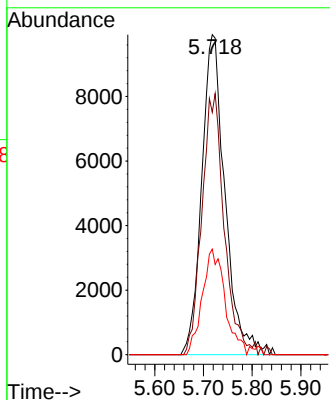
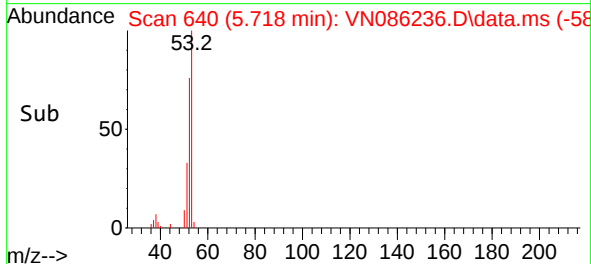


#15  
Acrylonitrile  
Concen: 74.129 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

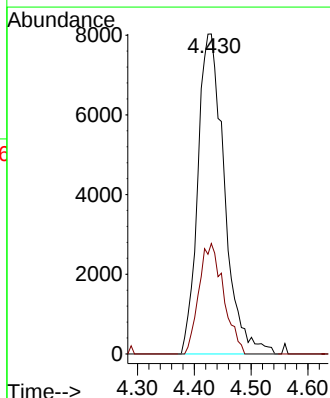
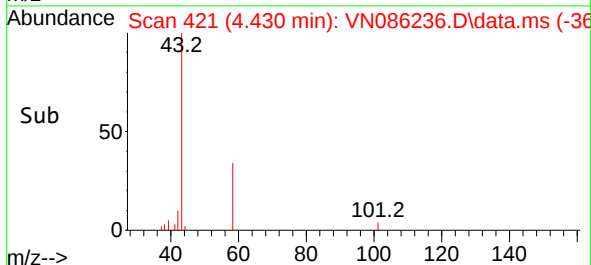
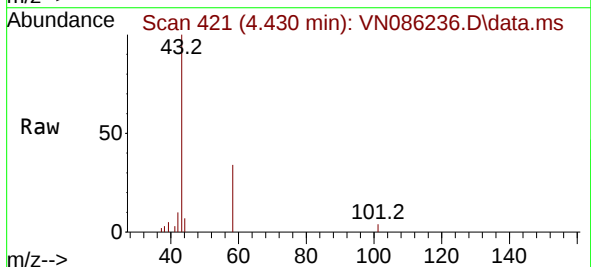


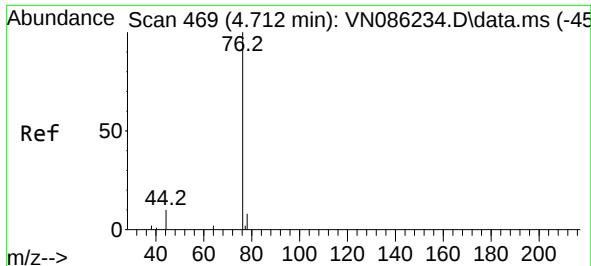
| Tgt Ion: | 53    | Resp: | 32999 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 78.3  | 61.0  | 91.6  |
| 51       | 32.1  | 25.4  | 38.0  |



#16  
Acetone  
Concen: 69.631 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

| Tgt Ion: | 43    | Resp: | 25973 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 34.5  | 25.8  | 38.6  |

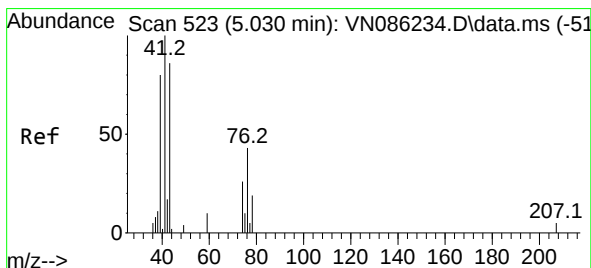
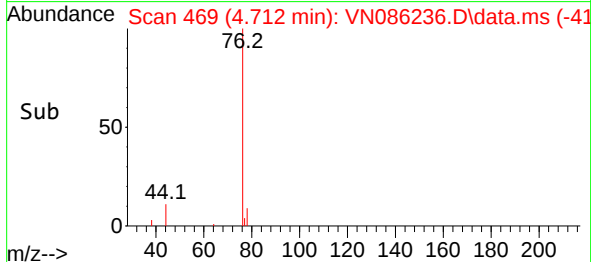
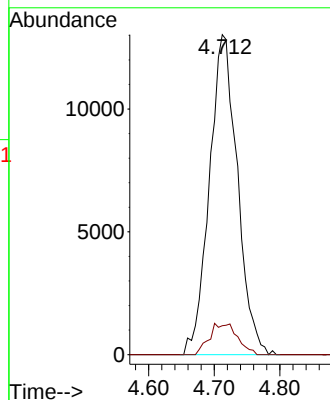
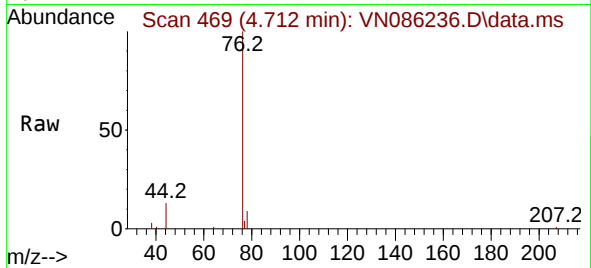




#17  
Carbon Disulfide  
Concen: 13.886 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

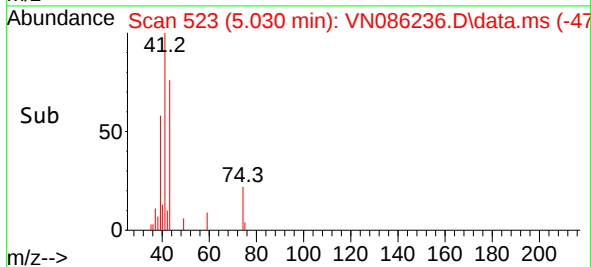
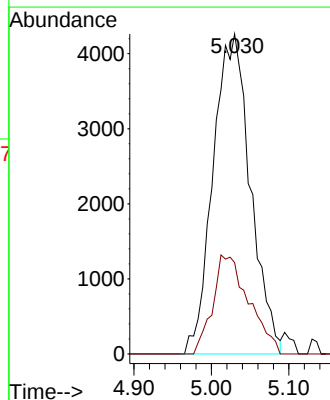
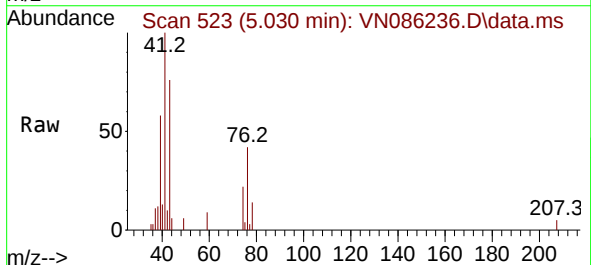
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

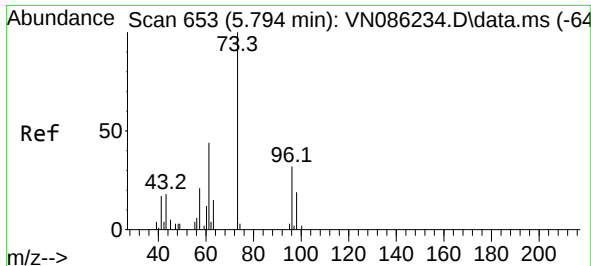
Tgt Ion: 76 Resp: 38653  
Ion Ratio Lower Upper  
76 100  
78 9.1 6.6 10.0



#18  
Methyl Acetate  
Concen: 12.468 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion: 43 Resp: 14292  
Ion Ratio Lower Upper  
43 100  
74 29.8 23.1 34.7

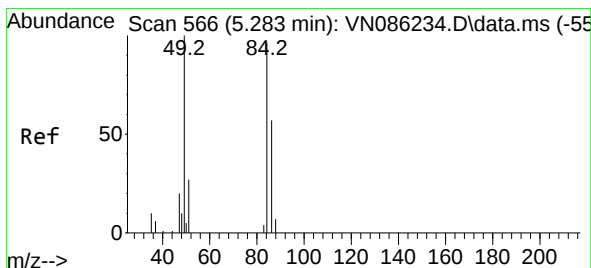
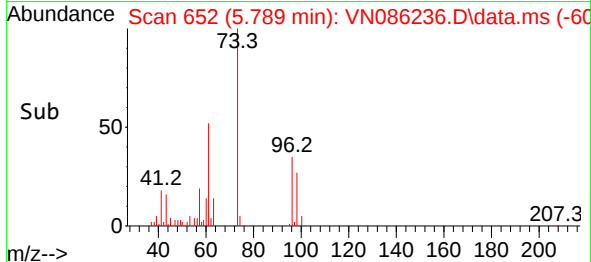
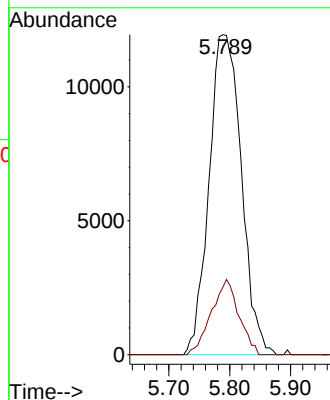
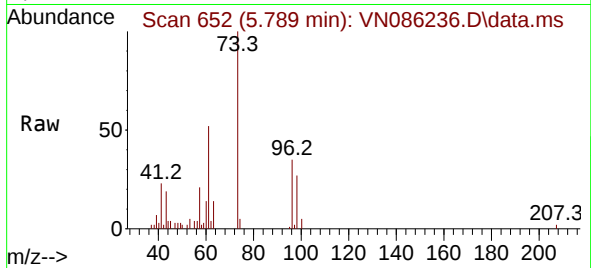




#19  
Methyl tert-butyl Ether  
Concen: 15.109 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

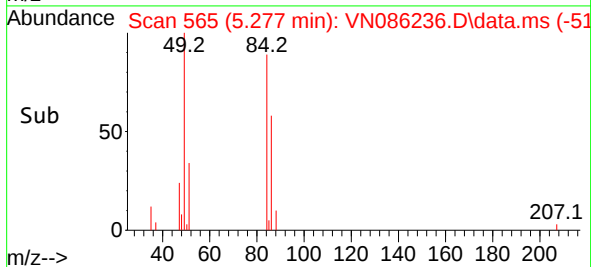
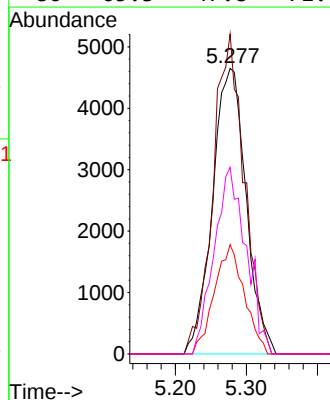
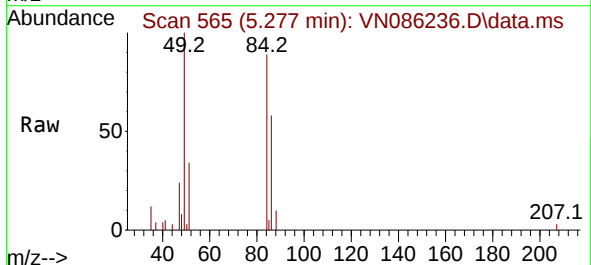
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

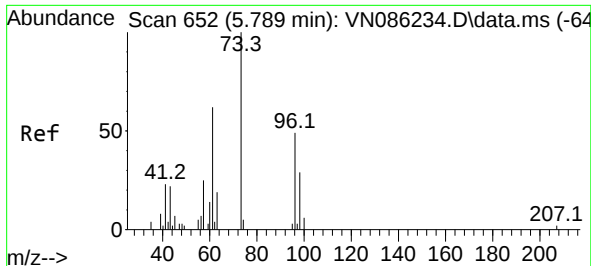
Tgt Ion: 73 Resp: 44017  
Ion Ratio Lower Upper  
73 100  
57 21.1 17.2 25.8



#20  
Methylene Chloride  
Concen: 15.464 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. -0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion: 84 Resp: 15259  
Ion Ratio Lower Upper  
84 100  
49 112.0 83.7 125.5  
51 38.3 22.7 34.1#  
86 65.3 47.8 71.8

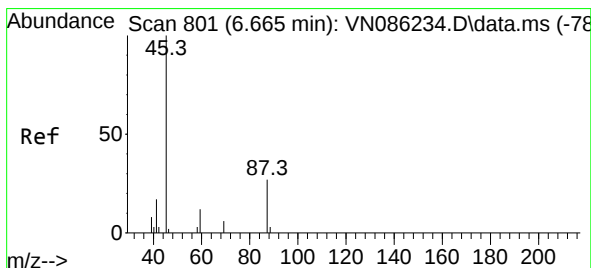
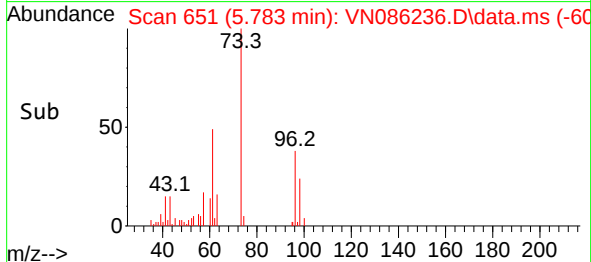
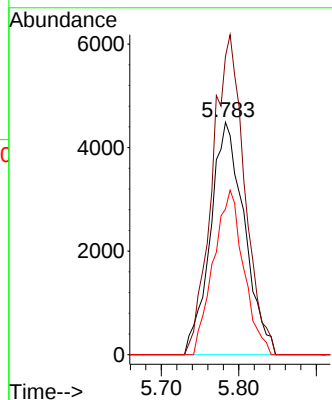
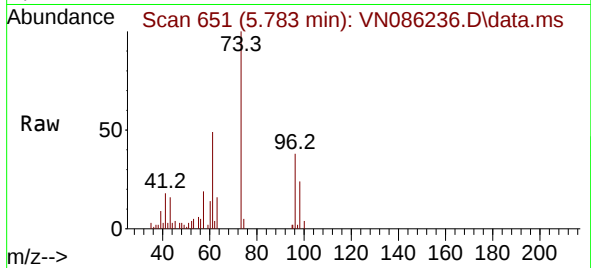




#21  
trans-1,2-Dichloroethene  
Concen: 14.260 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

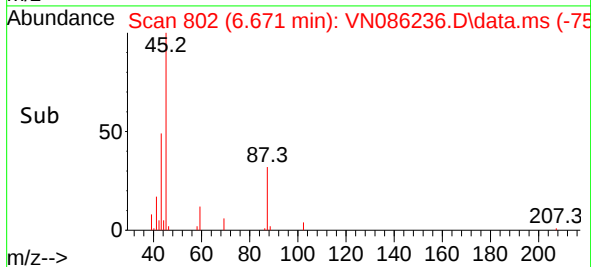
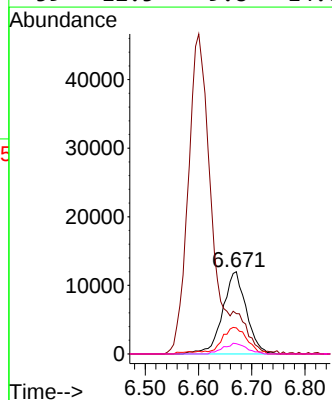
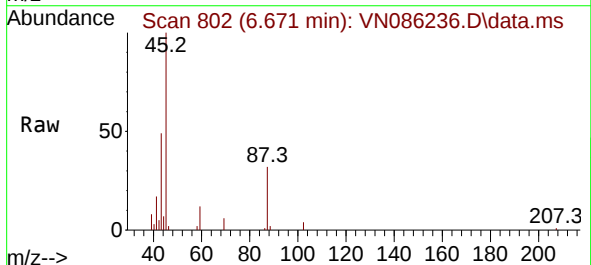
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

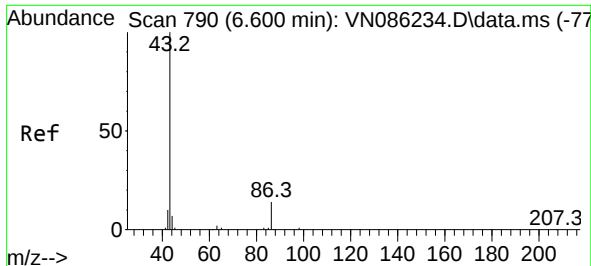
Tgt Ion: 96 Resp: 13688  
Ion Ratio Lower Upper  
96 100  
61 128.3 100.9 151.3  
98 62.7 47.7 71.5



#22  
Diisopropyl ether  
Concen: 15.436 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion: 45 Resp: 37067  
Ion Ratio Lower Upper  
45 100  
43 48.9 41.0 61.4  
87 31.8 22.8 34.2  
59 12.5 9.8 14.6

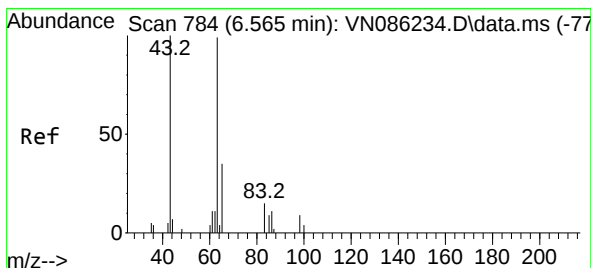
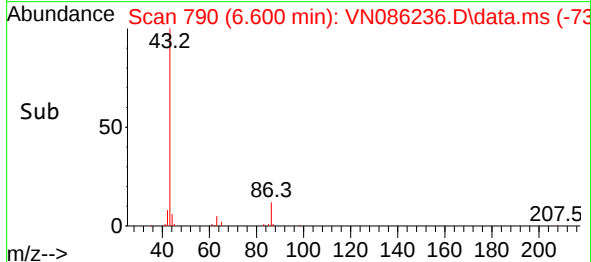
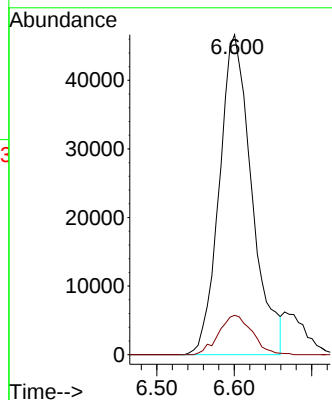
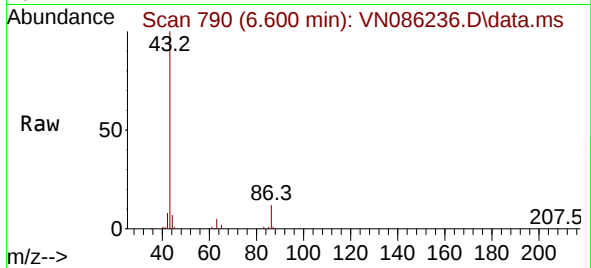




#23  
 Vinyl Acetate  
 Concen: 78.784 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.000 min  
 Lab File: VN086236.D  
 Acq: 07 Apr 2025 14:46

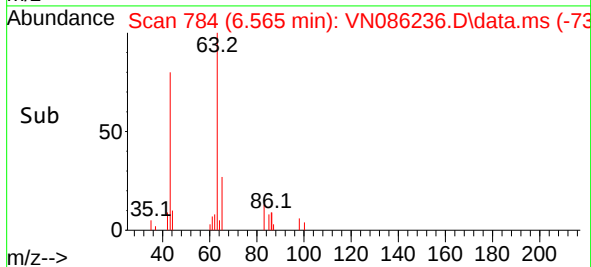
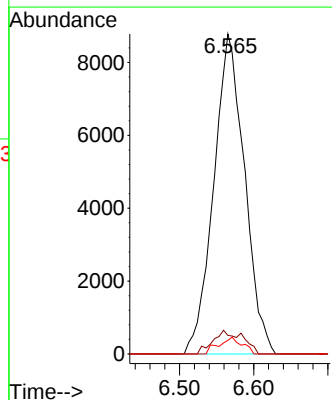
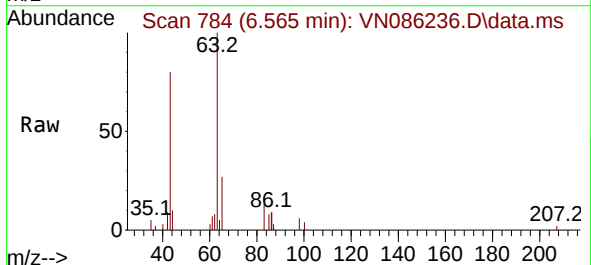
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC010

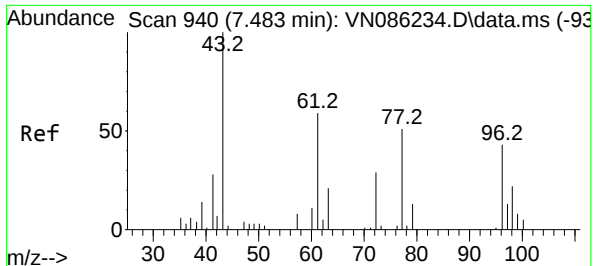
Tgt Ion: 43 Resp: 136066  
 Ion Ratio Lower Upper  
 43 100  
 86 12.3 11.5 17.3



#24  
 1,1-Dichloroethane  
 Concen: 15.129 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. 0.000 min  
 Lab File: VN086236.D  
 Acq: 07 Apr 2025 14:46

Tgt Ion: 63 Resp: 25397  
 Ion Ratio Lower Upper  
 63 100  
 98 5.8 4.6 13.8  
 100 4.3 1.8 5.5





#25

2-Butanone

Concen: 76.426 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN086236.D

Acq: 07 Apr 2025 14:46

Instrument :

MSVOA\_N

ClientSampleId :

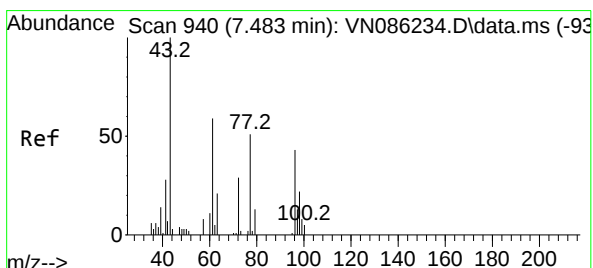
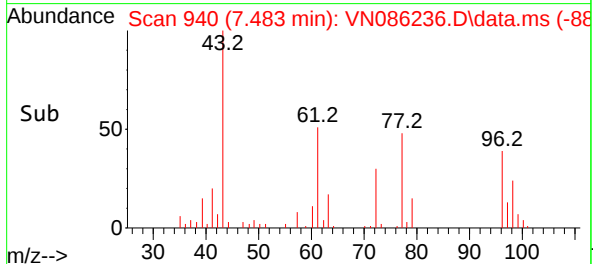
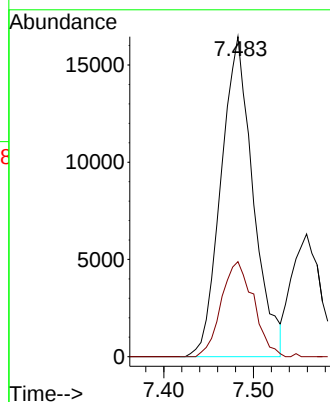
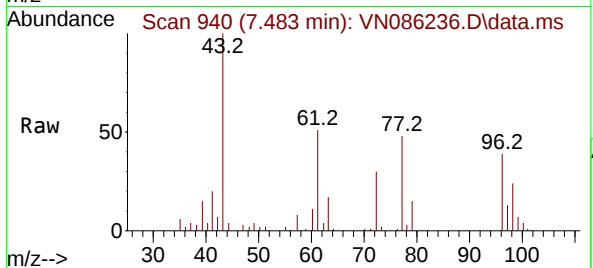
VSTDIC010

Tgt Ion: 43 Resp: 40913

Ion Ratio Lower Upper

43 100

72 29.7 23.1 34.7



#26

2,2-Dichloropropane

Concen: 14.453 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.012 min

Lab File: VN086236.D

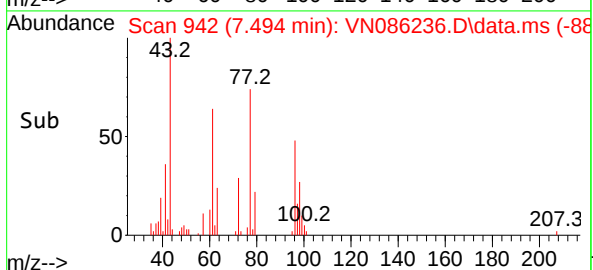
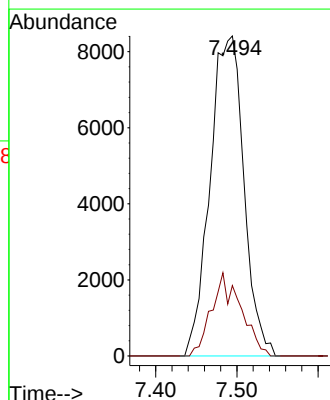
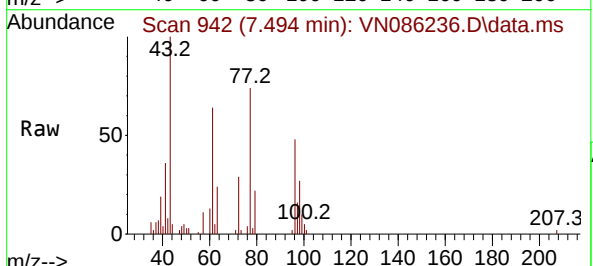
Acq: 07 Apr 2025 14:46

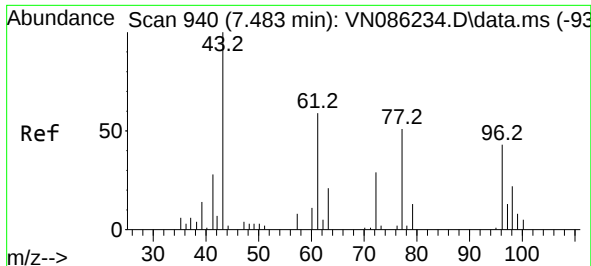
Tgt Ion: 77 Resp: 24374

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.6

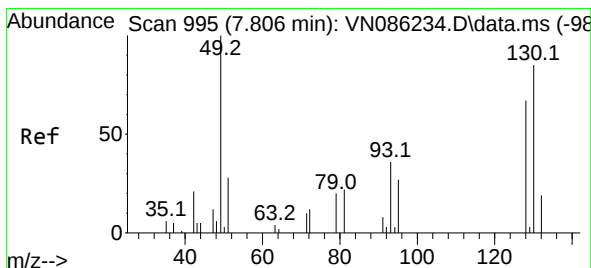
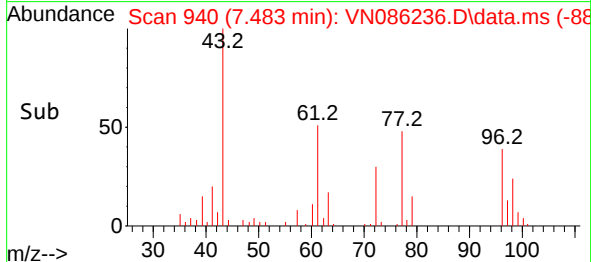
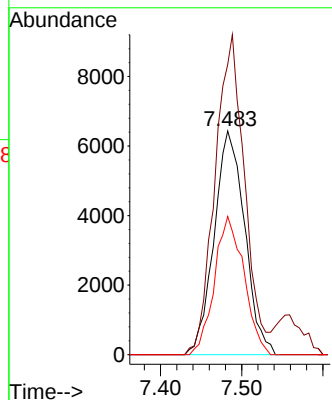
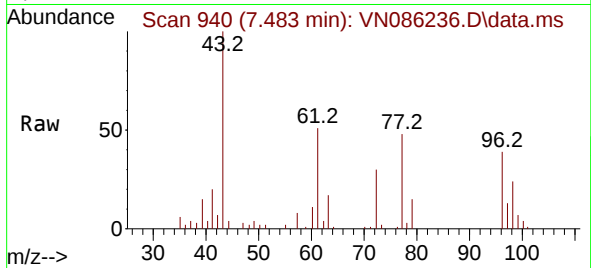




#27  
 cis-1,2-Dichloroethene  
 Concen: 14.540 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. 0.000 min  
 Lab File: VN086236.D  
 Acq: 07 Apr 2025 14:46

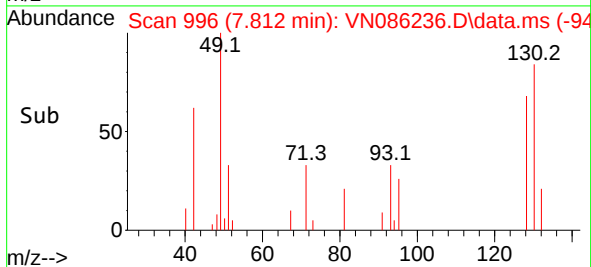
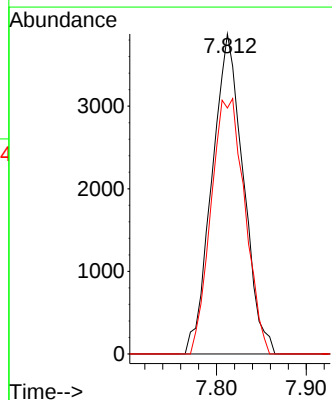
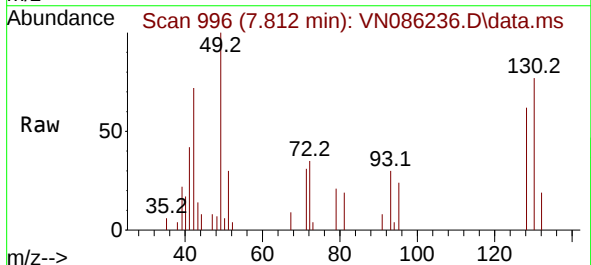
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC010

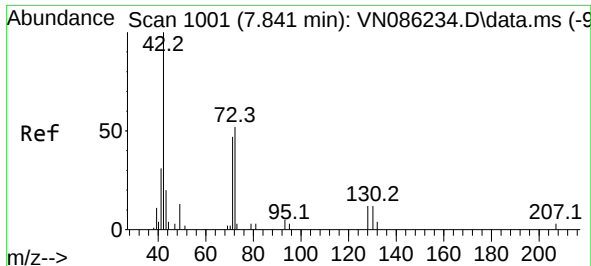
Tgt Ion: 96 Resp: 16836  
 Ion Ratio Lower Upper  
 96 100  
 61 137.3 0.0 270.8  
 98 59.5 0.0 127.0



#28  
 Bromochloromethane  
 Concen: 11.981 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.006 min  
 Lab File: VN086236.D  
 Acq: 07 Apr 2025 14:46

Tgt Ion: 49 Resp: 9395  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 3.0  
 130 86.3 70.5 105.7





#29

Tetrahydrofuran

Concen: 73.796 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN086236.D

Acq: 07 Apr 2025 14:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

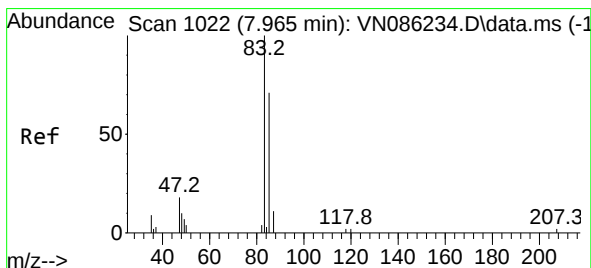
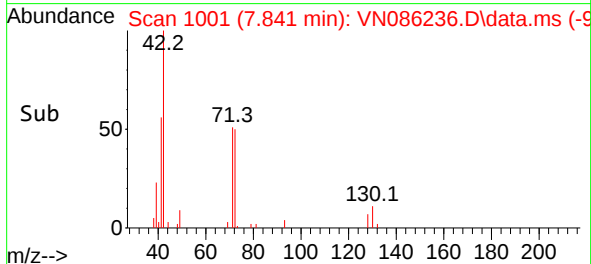
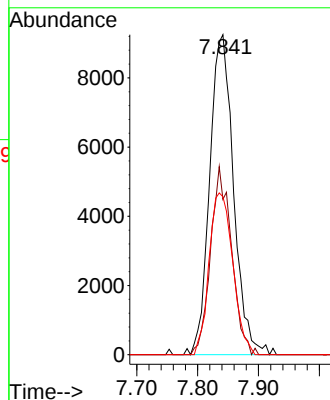
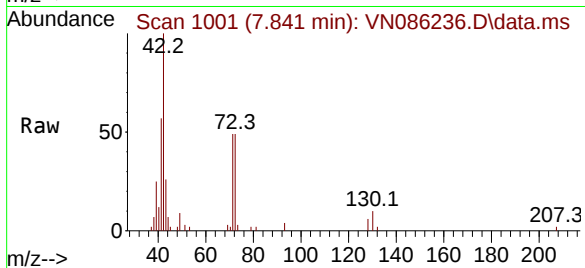
Tgt Ion: 42 Resp: 25267

Ion Ratio Lower Upper

42 100

72 51.7 40.8 61.2

71 50.0 38.2 57.4



#30

Chloroform

Concen: 14.471 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN086236.D

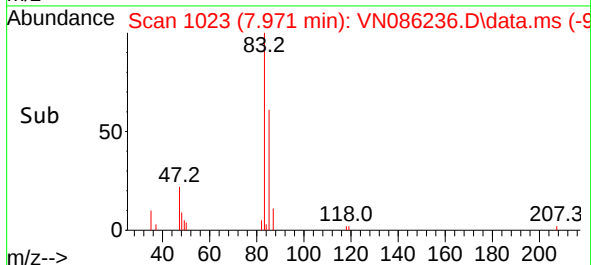
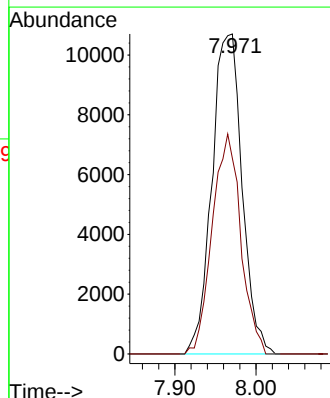
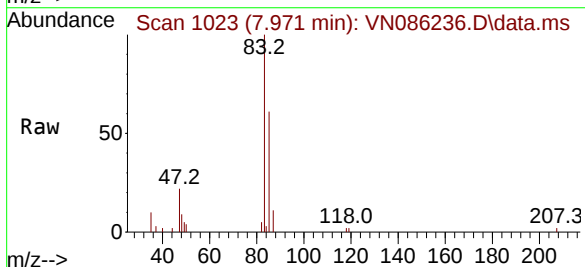
Acq: 07 Apr 2025 14:46

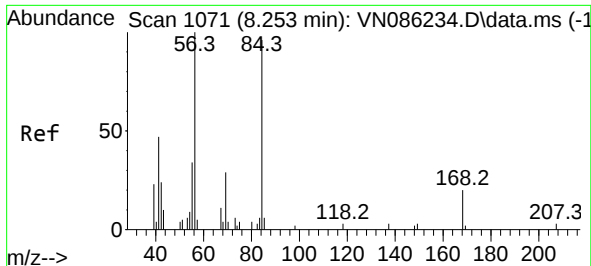
Tgt Ion: 83 Resp: 27696

Ion Ratio Lower Upper

83 100

85 61.1 56.4 84.6

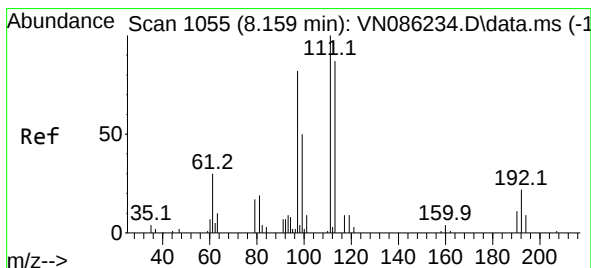
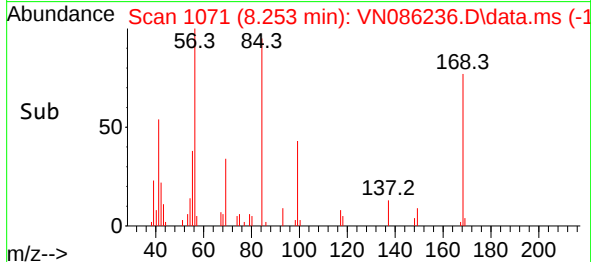
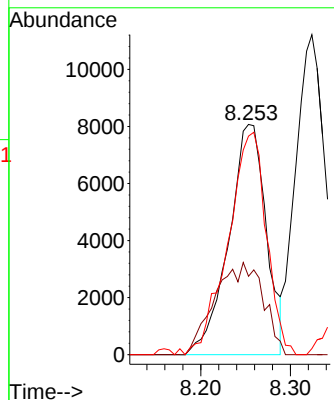
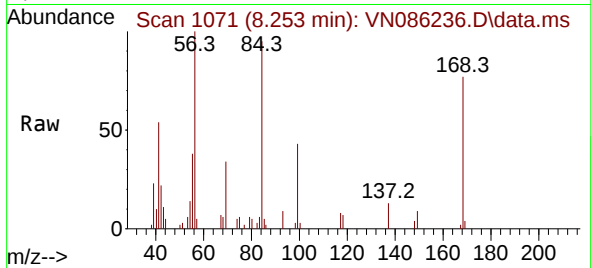




#31  
Cyclohexane  
Concen: 15.337 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

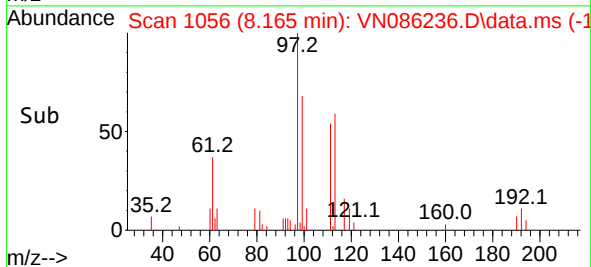
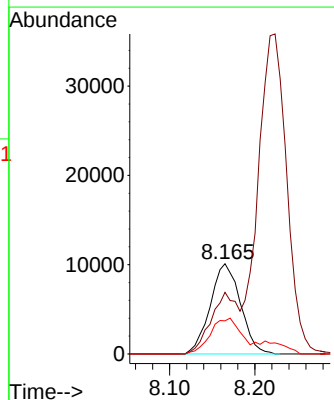
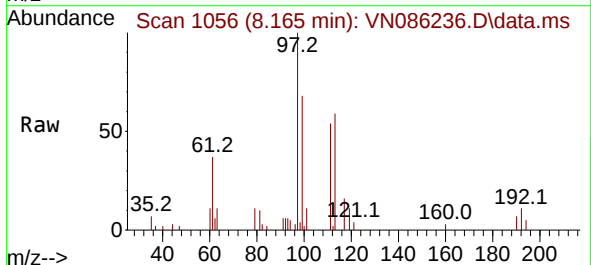
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

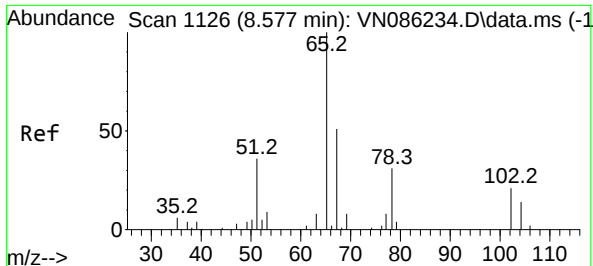
Tgt Ion: 56 Resp: 23370  
Ion Ratio Lower Upper  
56 100  
69 34.0 23.1 34.7  
84 92.4 76.9 115.3



#32  
1,1,1-Trichloroethane  
Concen: 14.240 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion: 97 Resp: 24885  
Ion Ratio Lower Upper  
97 100  
99 60.3 51.8 77.8  
61 43.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 13.117 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086236.D

Acq: 07 Apr 2025 14:46

Instrument :

MSVOA\_N

ClientSampleId :

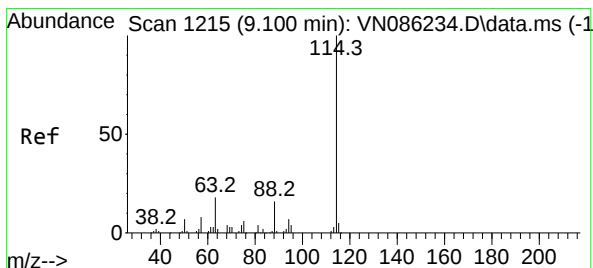
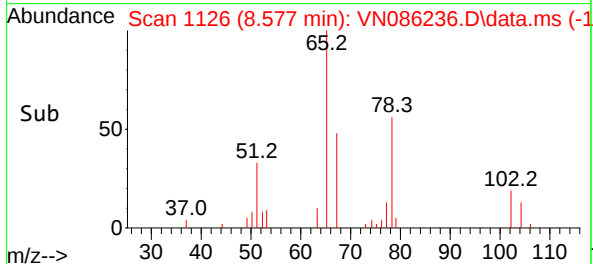
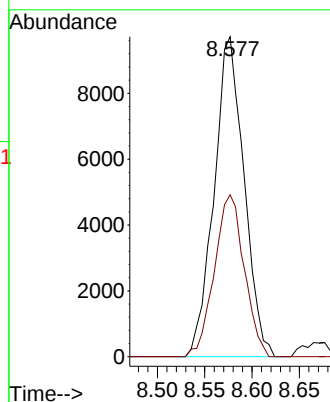
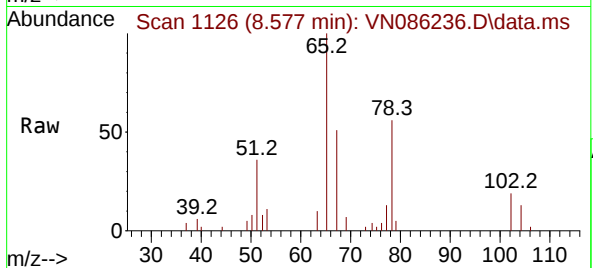
VSTDIC010

Tgt Ion: 65 Resp: 21355

Ion Ratio Lower Upper

65 100

67 50.4 0.0 99.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086236.D

Acq: 07 Apr 2025 14:46

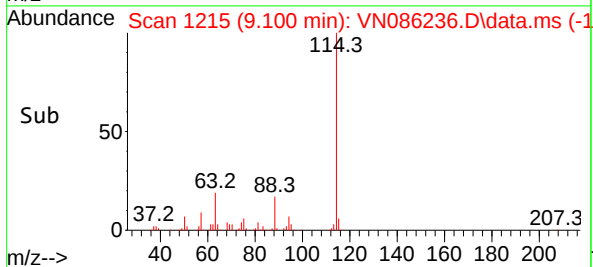
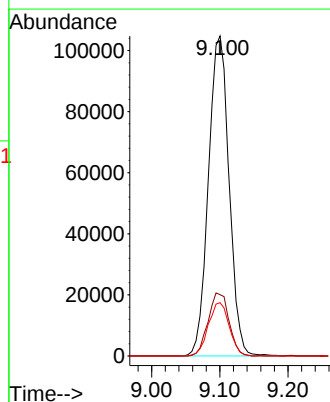
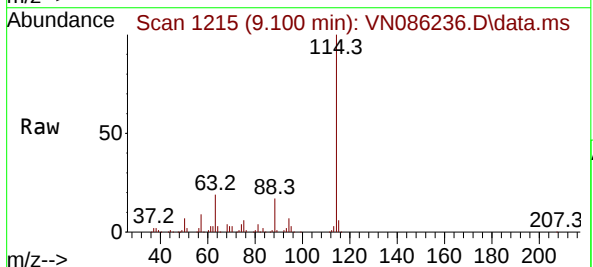
Tgt Ion: 114 Resp: 220913

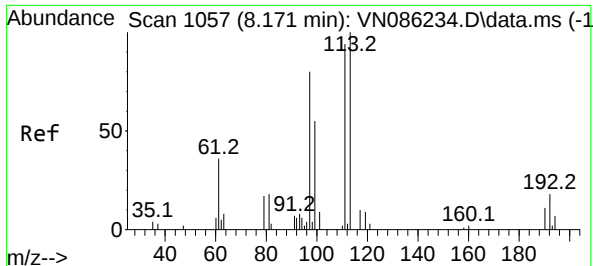
Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.6

88 16.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 12.850 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN086236.D

Acq: 07 Apr 2025 14:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC010

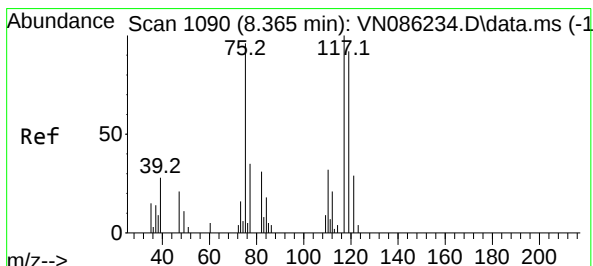
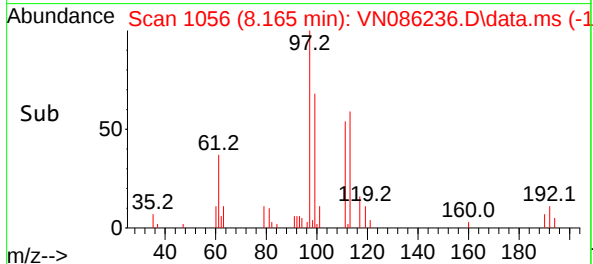
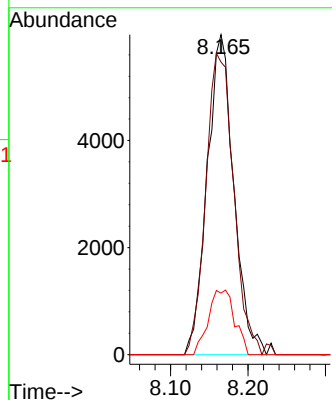
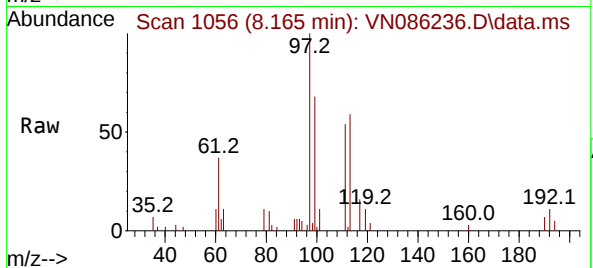
Tgt Ion:113 Resp: 14348

Ion Ratio Lower Upper

113 100

111 97.8 84.2 126.2

192 19.9 16.1 24.1



#36

1,1-Dichloropropene

Concen: 14.485 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086236.D

Acq: 07 Apr 2025 14:46

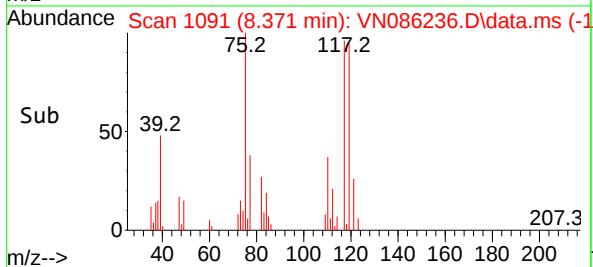
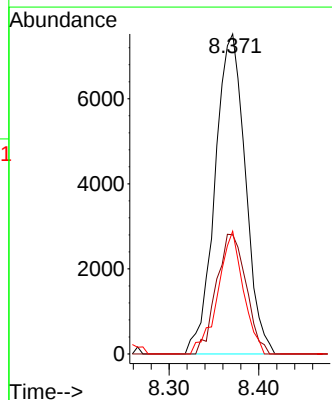
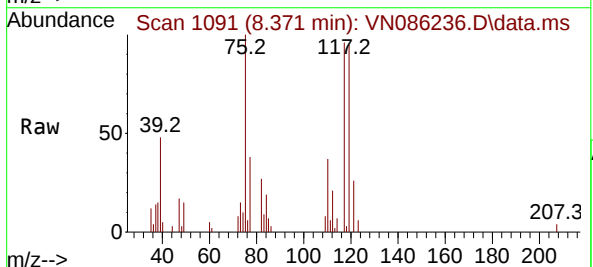
Tgt Ion: 75 Resp: 17625

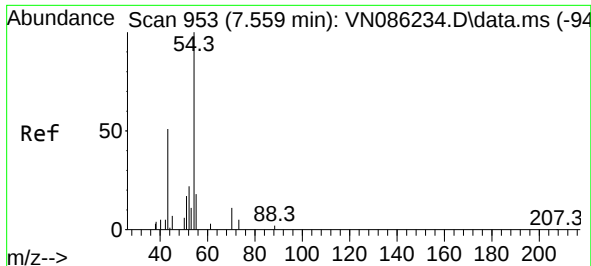
Ion Ratio Lower Upper

75 100

110 36.7 16.9 50.7

77 32.1 23.0 34.4

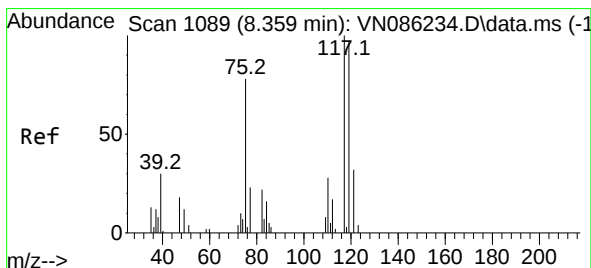
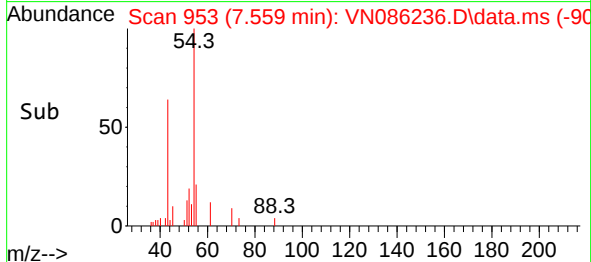
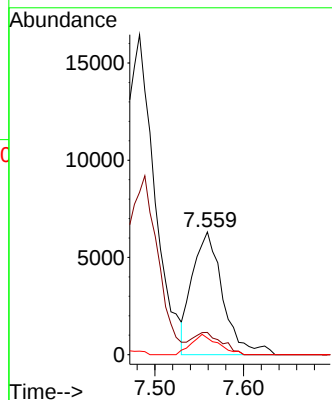
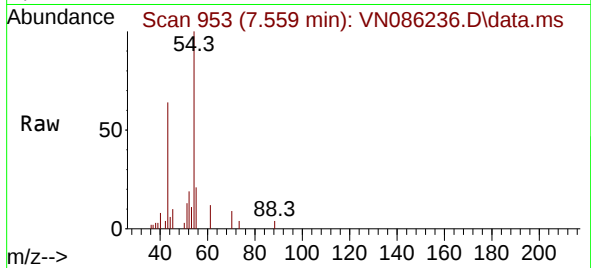




#37  
Ethyl Acetate  
Concen: 13.778 ug/l m  
RT: 7.559 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

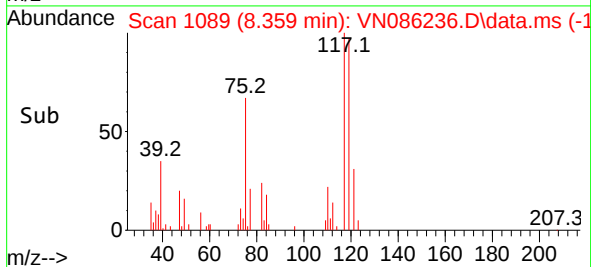
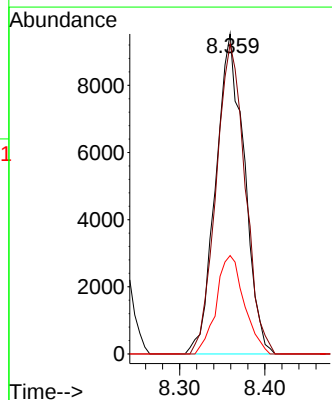
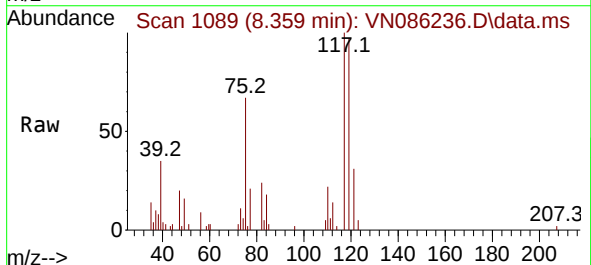
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

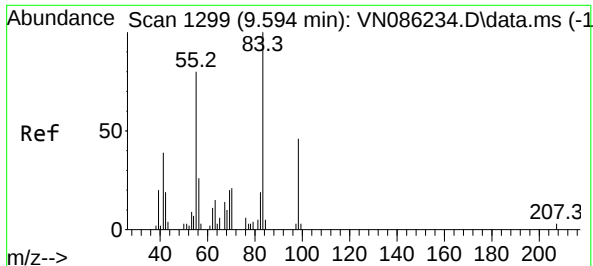
Tgt Ion: 43 Resp: 15132  
Ion Ratio Lower Upper  
43 100  
61 17.0 11.8 17.6  
70 14.3 11.7 17.5



#38  
Carbon Tetrachloride  
Concen: 14.078 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion: 117 Resp: 22137  
Ion Ratio Lower Upper  
117 100  
119 96.9 77.9 116.9  
121 30.7 25.3 37.9





#39

Methylcyclohexane

Concen: 13.661 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086236.D

Acq: 07 Apr 2025 14:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC010

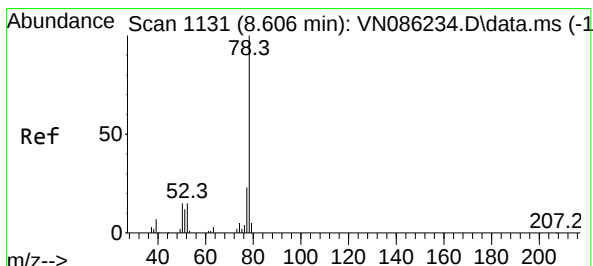
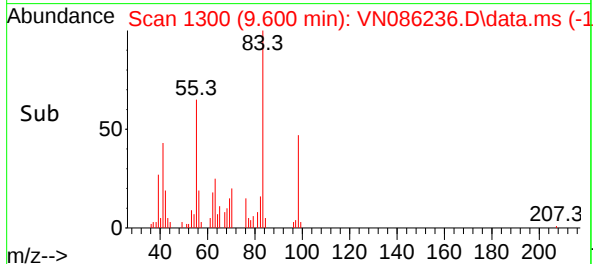
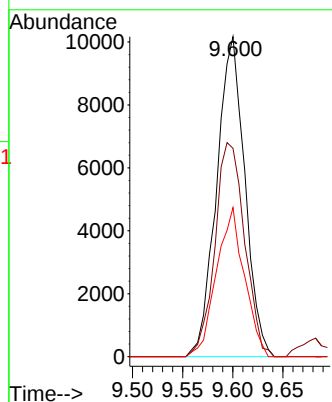
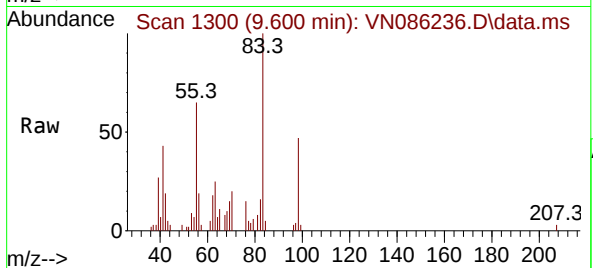
Tgt Ion: 83 Resp: 19894

Ion Ratio Lower Upper

83 100

55 65.1 63.9 95.9

98 46.6 36.6 55.0



#40

Benzene

Concen: 14.544 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN086236.D

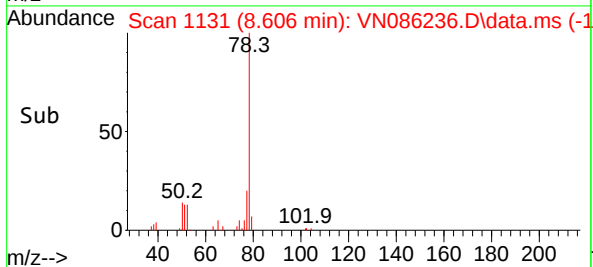
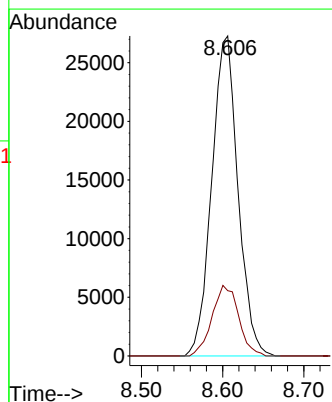
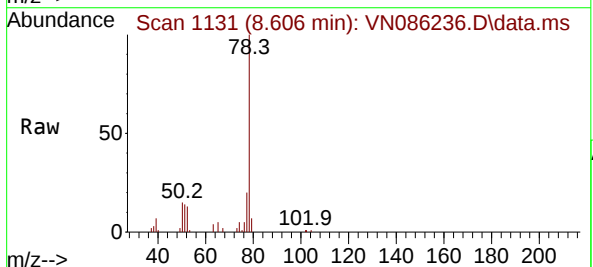
Acq: 07 Apr 2025 14:46

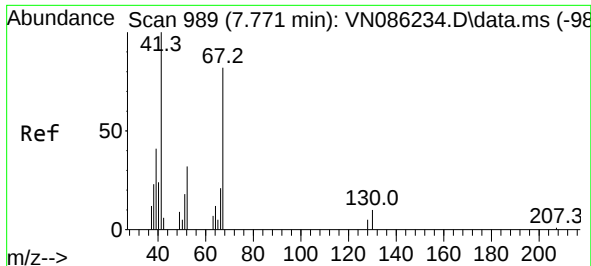
Tgt Ion: 78 Resp: 61276

Ion Ratio Lower Upper

78 100

77 20.4 18.6 28.0

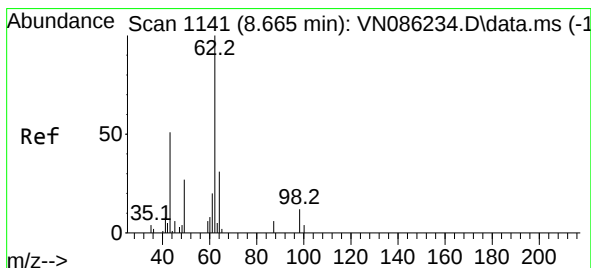
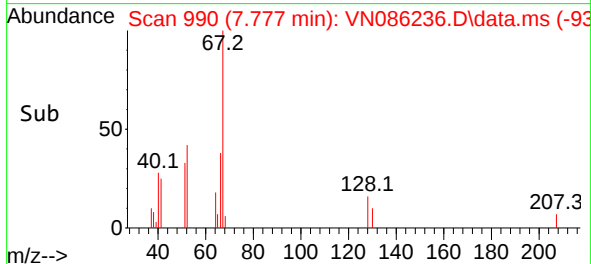
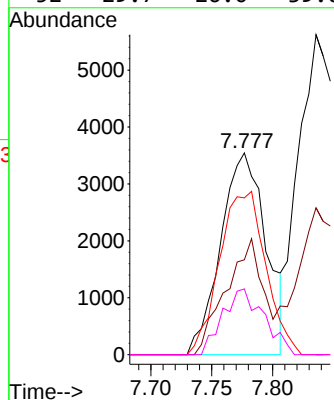
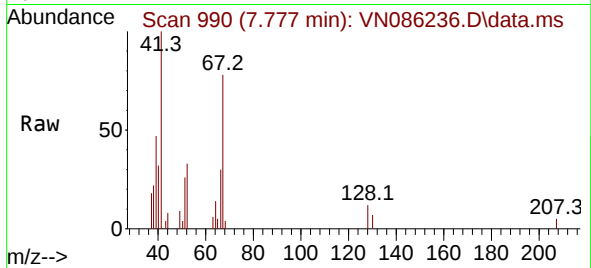




#41  
Methacrylonitrile  
Concen: 15.053 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

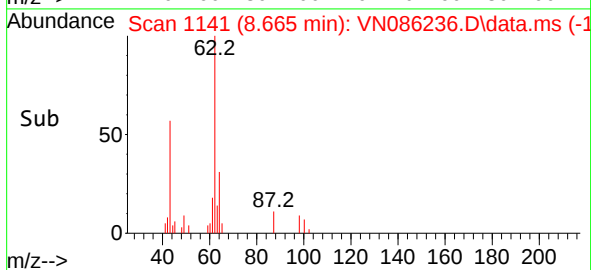
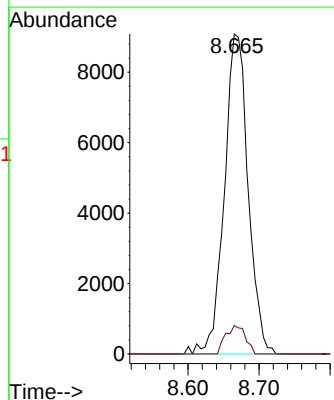
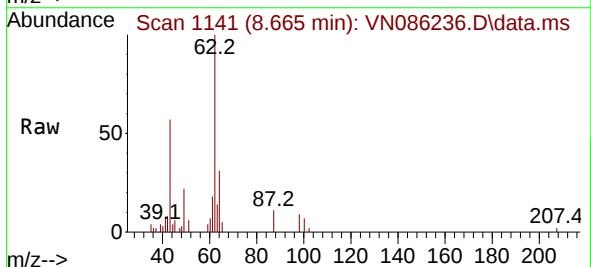
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

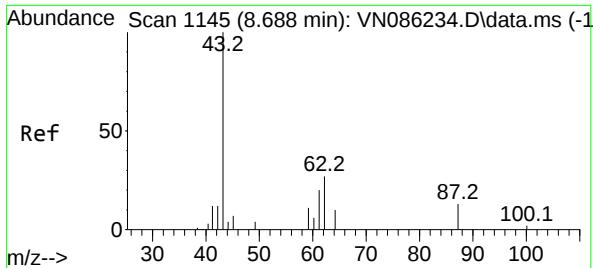
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 9158  |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 47.1     | 39.0 58.6   |
| 67 82.5     | 67.8 101.6  |
| 52 29.7     | 26.0 39.0   |



#42  
1,2-Dichloroethane  
Concen: 15.108 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 21114 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 7.3      | 0.0 17.8    |

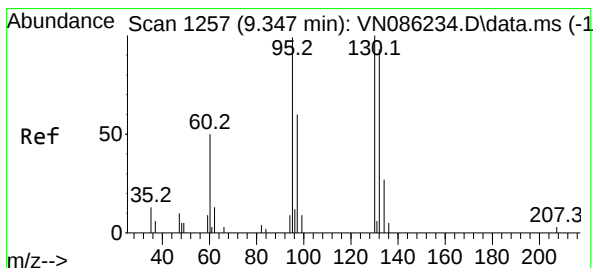
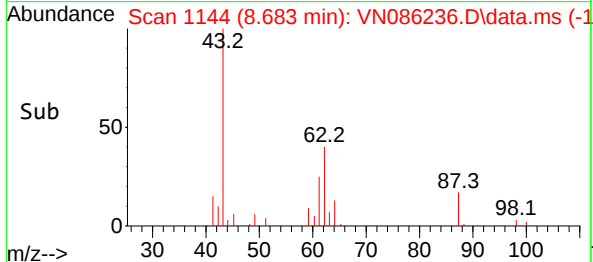
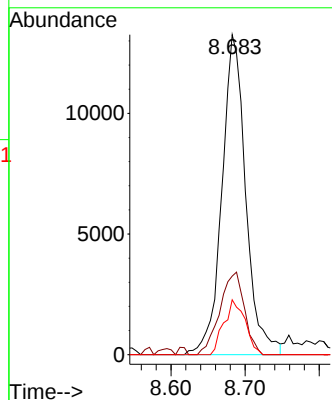
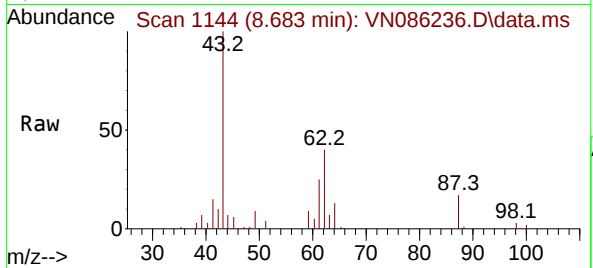




#43  
Isopropyl Acetate  
Concen: 11.643 ug/l  
RT: 8.683 min Scan# 1144  
Delta R.T. -0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

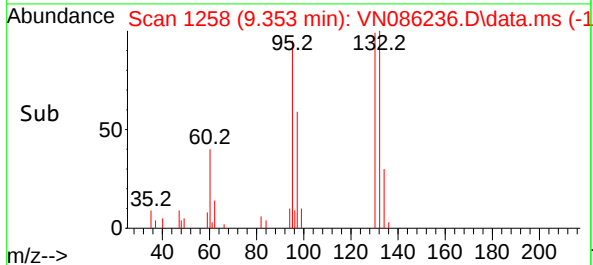
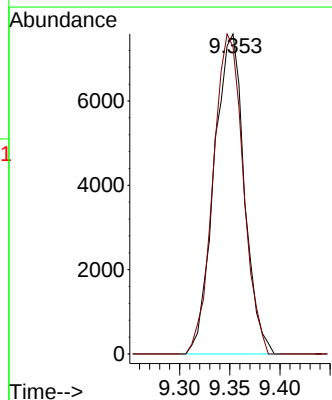
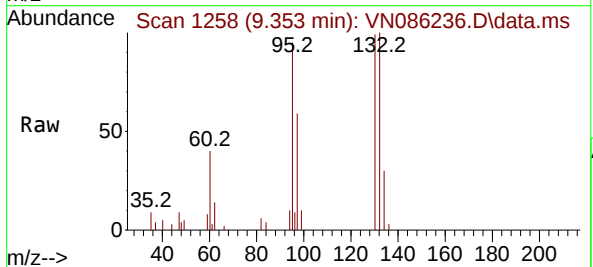
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

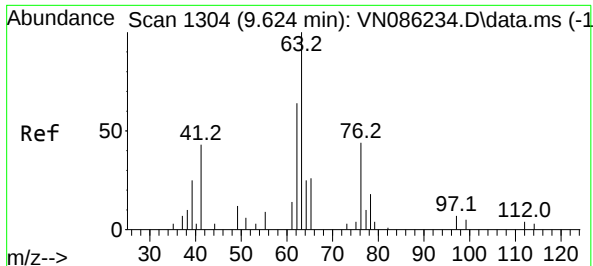
Tgt Ion: 43 Resp: 29667  
Ion Ratio Lower Upper  
43 100  
61 26.5 21.4 32.0  
87 15.3 11.4 17.0



#44  
Trichloroethene  
Concen: 14.638 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion: 130 Resp: 15824  
Ion Ratio Lower Upper  
130 100  
95 96.0 0.0 198.6





#45

1,2-Dichloropropane

Concen: 14.156 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN086236.D

Acq: 07 Apr 2025 14:46

Instrument :

MSVOA\_N

ClientSampleId :

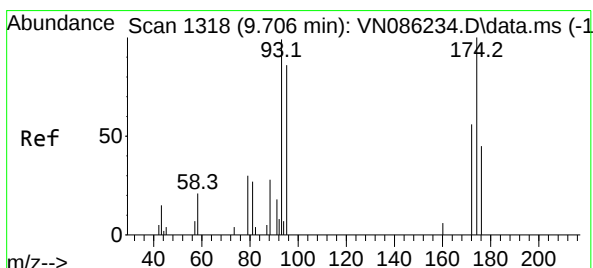
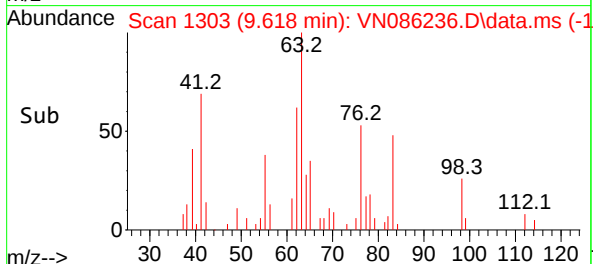
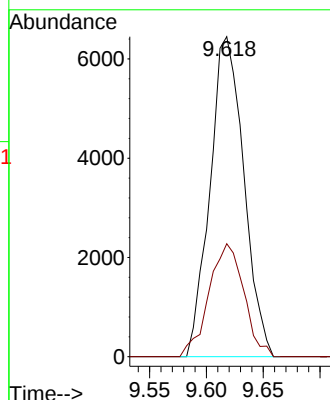
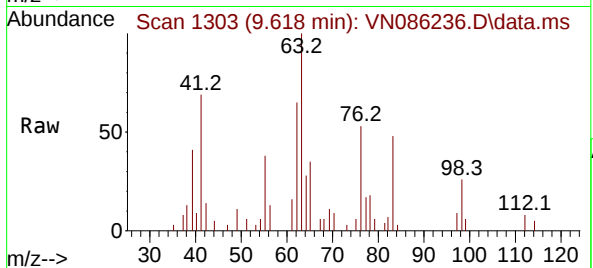
VSTDIC010

Tgt Ion: 63 Resp: 13362

Ion Ratio Lower Upper

63 100

65 35.3 20.6 31.0#



#46

Dibromomethane

Concen: 14.286 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086236.D

Acq: 07 Apr 2025 14:46

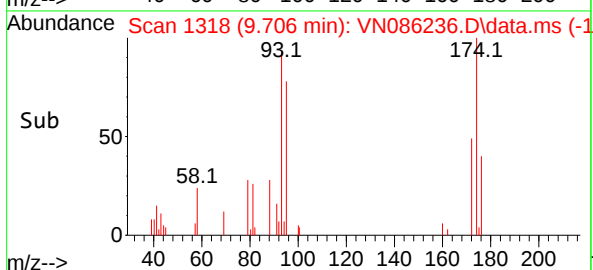
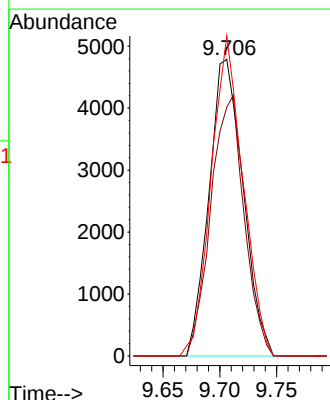
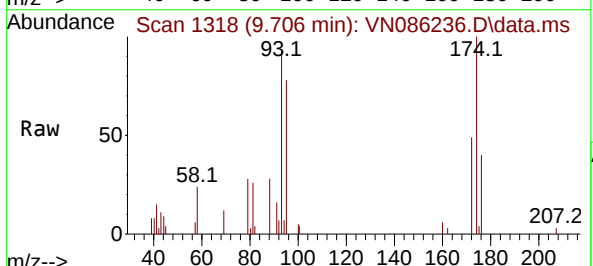
Tgt Ion: 93 Resp: 9995

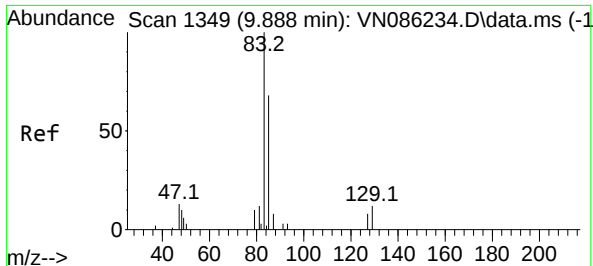
Ion Ratio Lower Upper

93 100

95 85.6 63.1 94.7

174 100.8 74.2 111.2

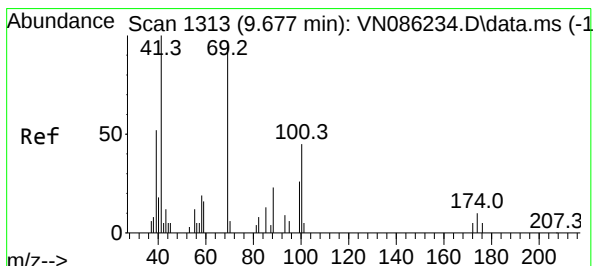
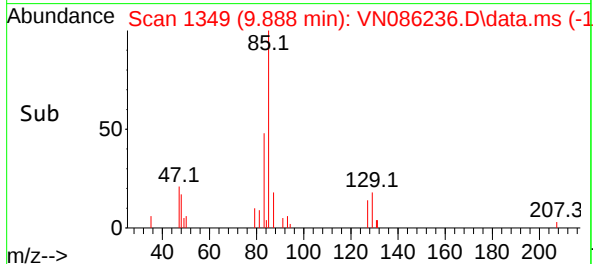
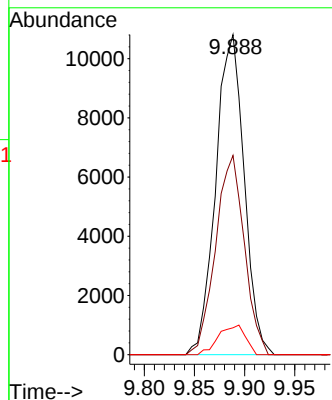
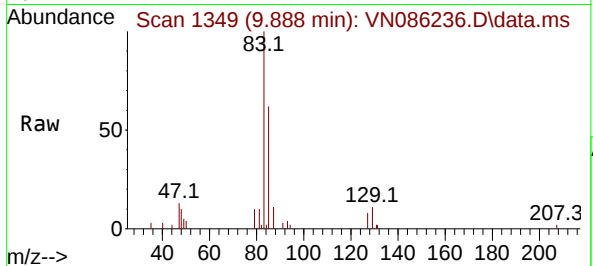




#47  
Bromodichloromethane  
Concen: 14.440 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

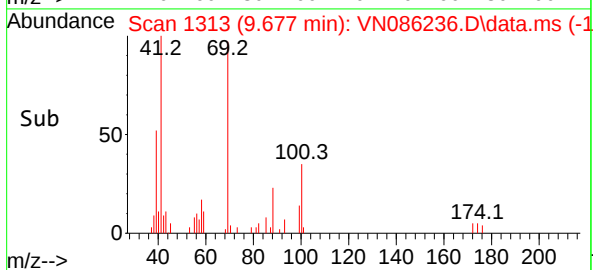
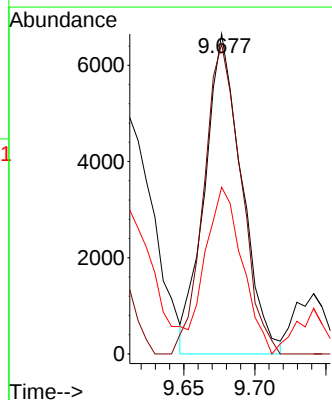
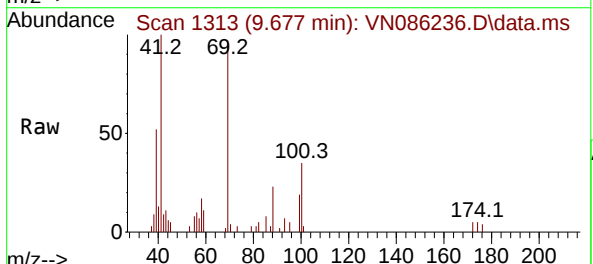
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

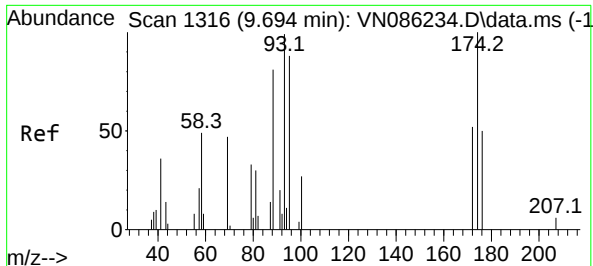
Tgt Ion: 83 Resp: 21295  
Ion Ratio Lower Upper  
83 100  
85 62.2 54.0 81.0  
127 8.4 6.4 9.6



#48  
Methyl methacrylate  
Concen: 15.050 ug/l  
RT: 9.677 min Scan# 1313  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion: 41 Resp: 12063  
Ion Ratio Lower Upper  
41 100  
69 97.2 80.0 120.0  
39 51.2 44.7 67.1





#49

1,4-Dioxane

Concen: 297.762 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086236.D

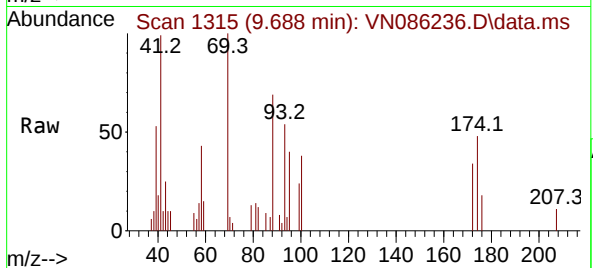
Acq: 07 Apr 2025 14:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC010



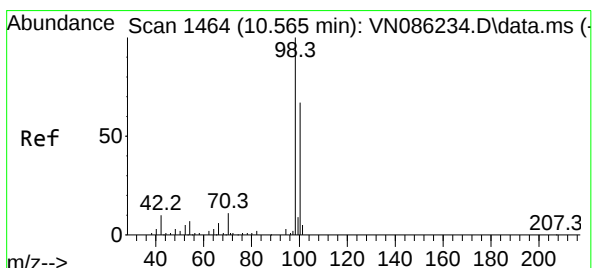
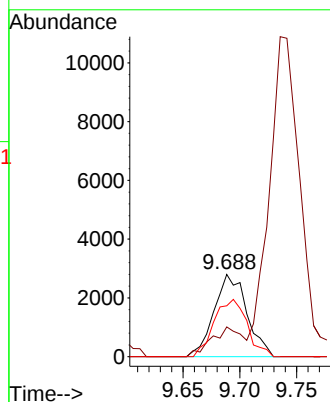
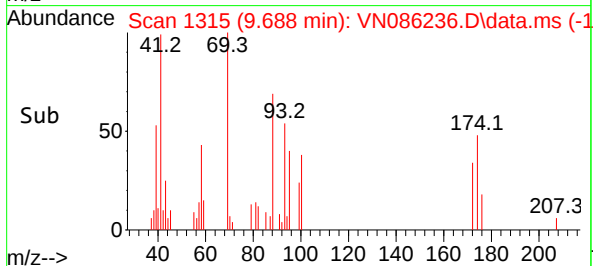
Tgt Ion: 88 Resp: 5625

Ion Ratio Lower Upper

88 100

43 34.0 16.8 25.2#

58 70.0 52.2 78.2



#50

Toluene-d8

Concen: 12.879 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086236.D

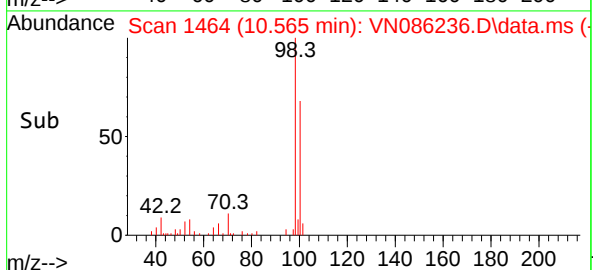
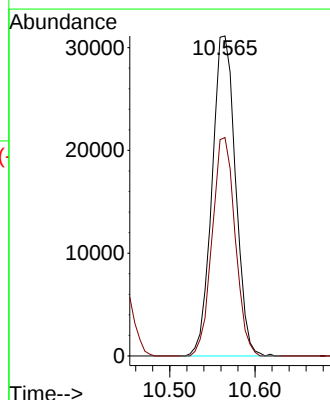
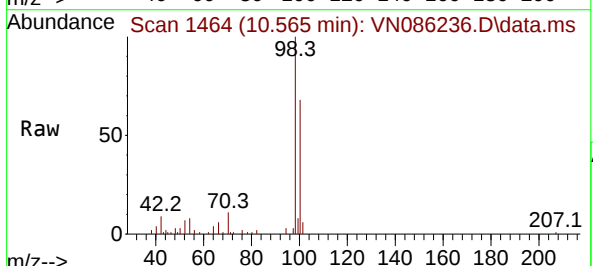
Acq: 07 Apr 2025 14:46

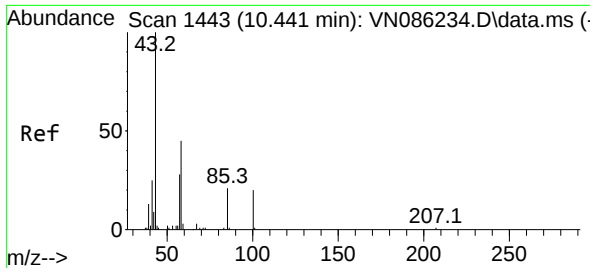
Tgt Ion: 98 Resp: 59525

Ion Ratio Lower Upper

98 100

100 66.9 53.0 79.6

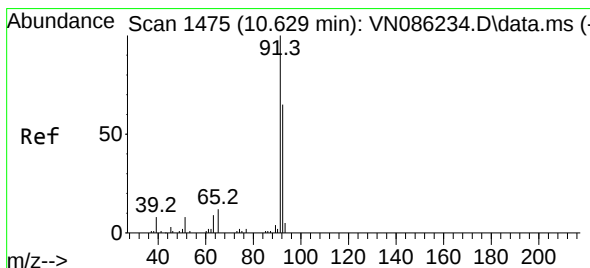
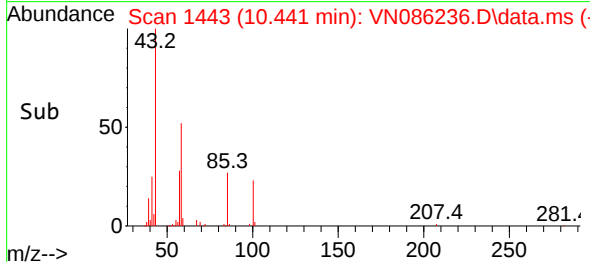
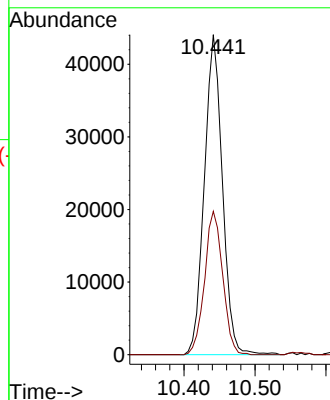
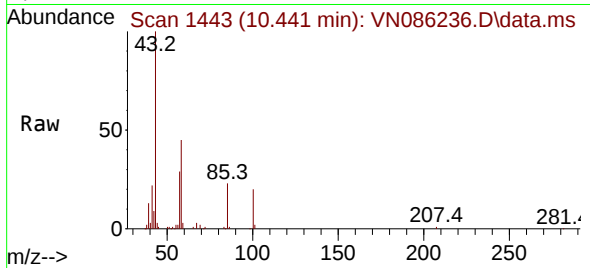




#51  
4-Methyl-2-Pentanone  
Concen: 73.764 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

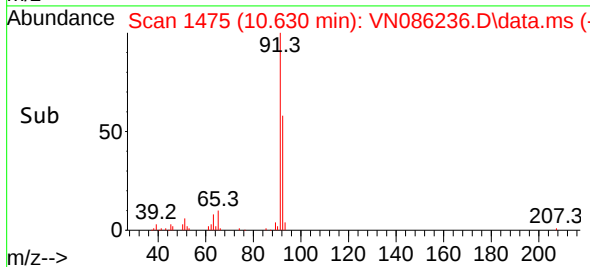
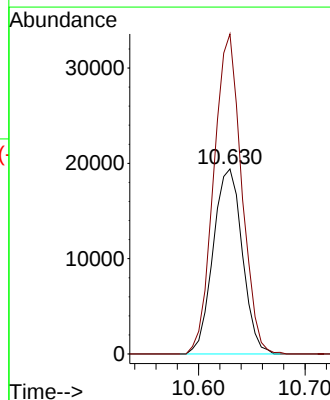
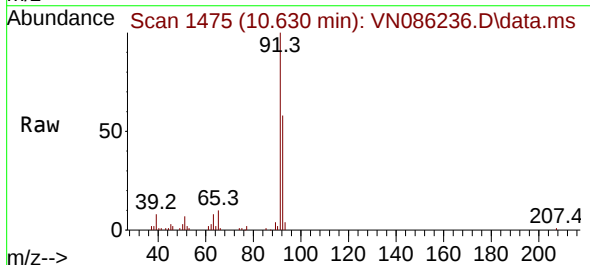
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

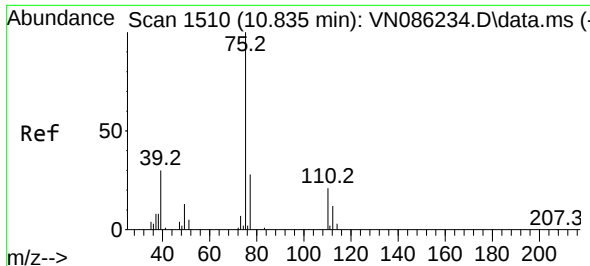
Tgt Ion: 43 Resp: 78077  
Ion Ratio Lower Upper  
43 100  
58 44.9 36.2 54.4



#52  
Toluene  
Concen: 14.649 ug/l  
RT: 10.630 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion: 92 Resp: 36927  
Ion Ratio Lower Upper  
92 100  
91 165.1 134.9 202.3

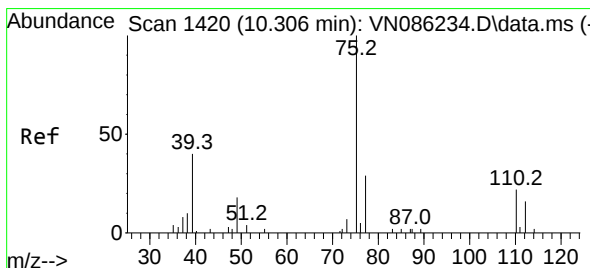
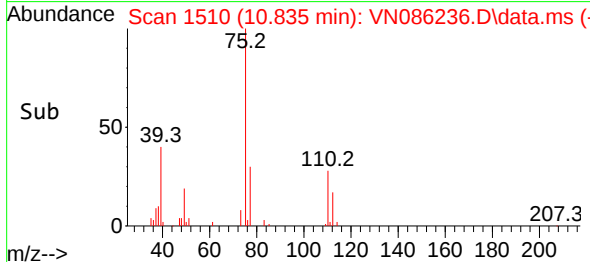
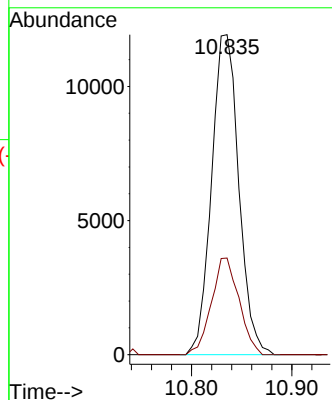
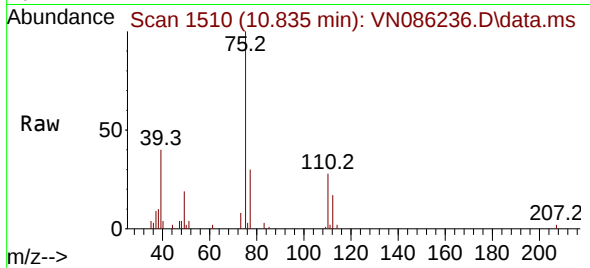




#53  
 t-1,3-Dichloropropene  
 Concen: 14.744 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. 0.000 min  
 Lab File: VN086236.D  
 Acq: 07 Apr 2025 14:46

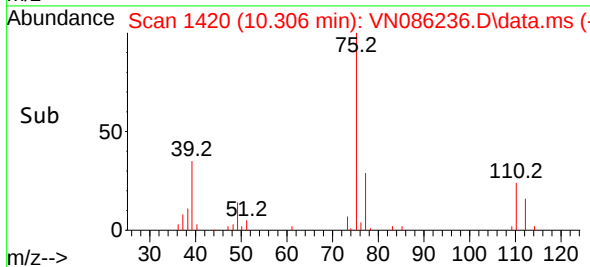
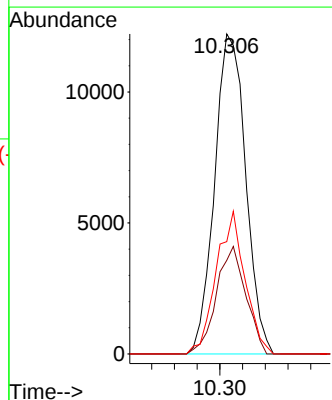
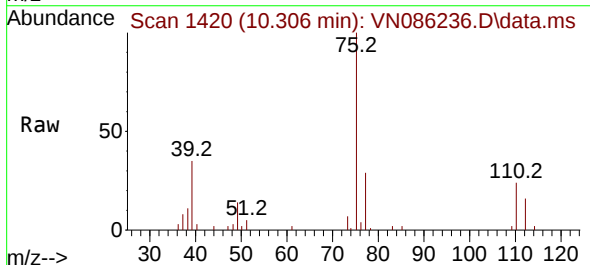
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC010

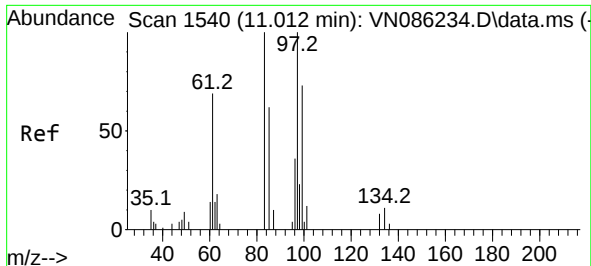
Tgt Ion: 75 Resp: 22507  
 Ion Ratio Lower Upper  
 75 100  
 77 30.2 22.2 33.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 14.108 ug/l  
 RT: 10.306 min Scan# 1420  
 Delta R.T. 0.000 min  
 Lab File: VN086236.D  
 Acq: 07 Apr 2025 14:46

Tgt Ion: 75 Resp: 23218  
 Ion Ratio Lower Upper  
 75 100  
 77 29.3 22.9 34.3  
 39 35.1 31.7 47.5

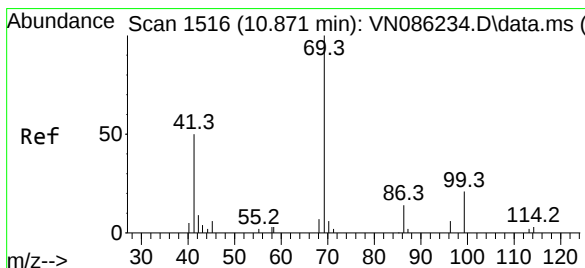
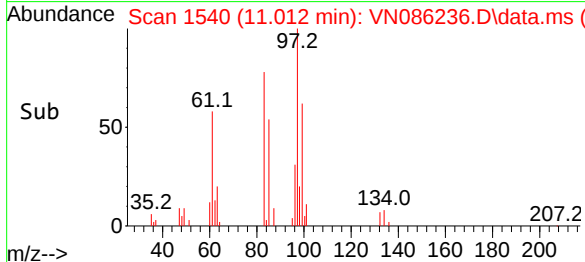
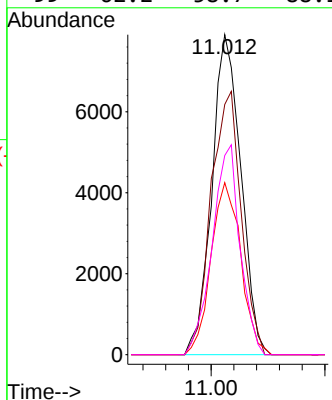
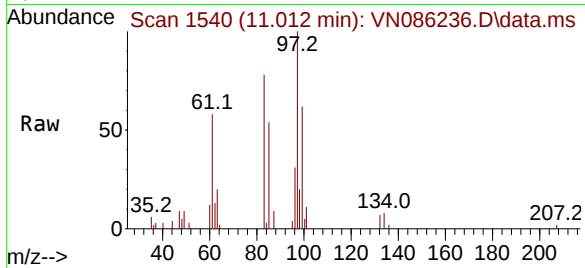




#55  
1,1,2-Trichloroethane  
Concen: 14.241 ug/l  
RT: 11.012 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

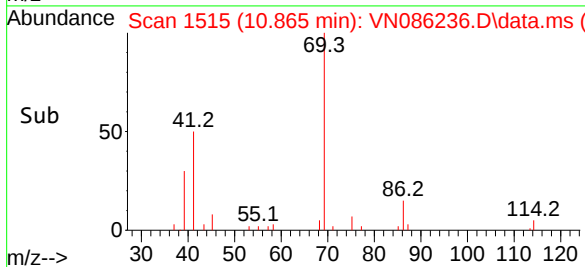
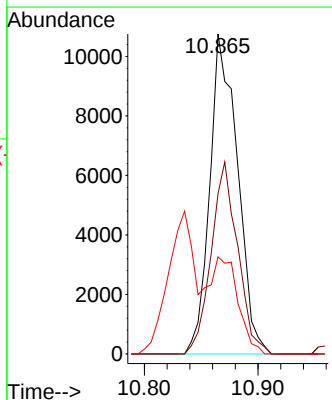
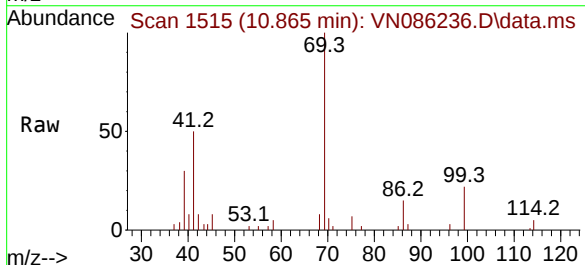
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

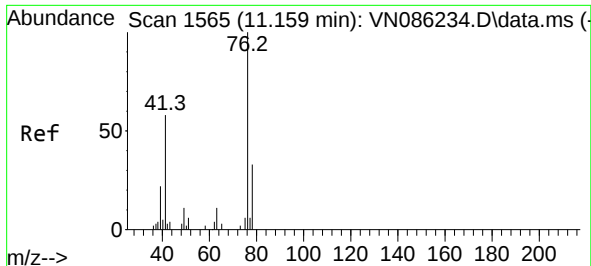
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 14021  |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 78.2  | 80.2  | 120.4# |
| 85       | 53.8  | 49.7  | 74.5   |
| 99       | 62.2  | 58.7  | 88.1   |



#56  
Ethyl methacrylate  
Concen: 14.687 ug/l  
RT: 10.865 min Scan# 1515  
Delta R.T. -0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 18202 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 57.5  | 43.9  | 65.9  |
| 39       | 29.1  | 22.0  | 33.0  |





#57

1,3-Dichloropropane

Concen: 14.384 ug/l

RT: 11.159 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN086236.D

Acq: 07 Apr 2025 14:46

Instrument :

MSVOA\_N

ClientSampleId :

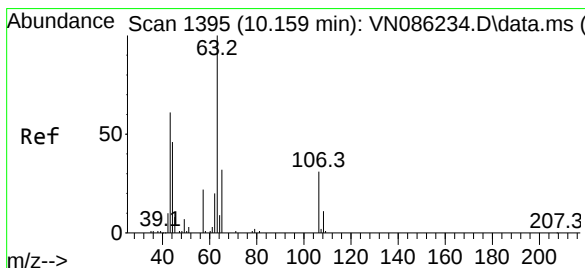
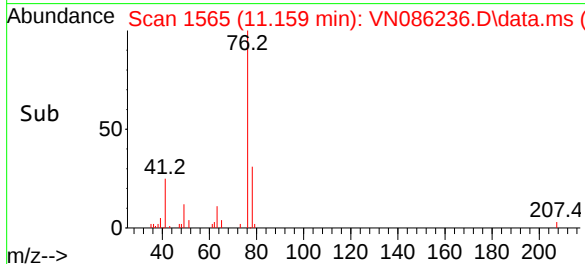
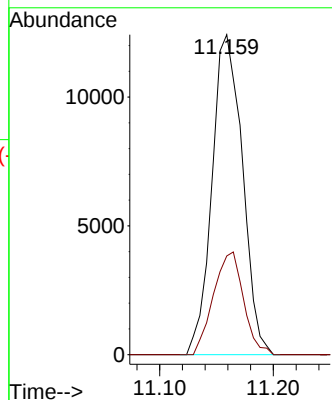
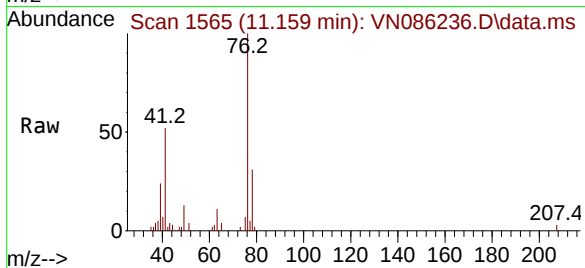
VSTDICC010

Tgt Ion: 76 Resp: 23095

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 69.202 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN086236.D

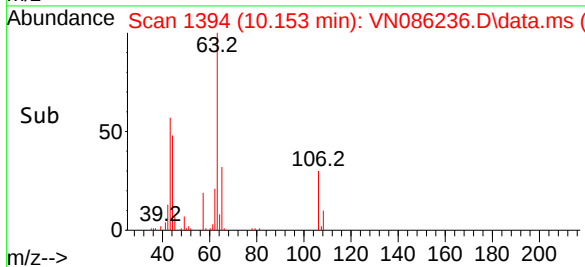
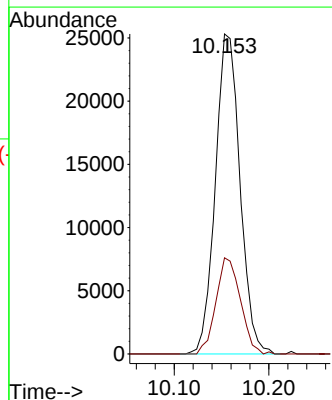
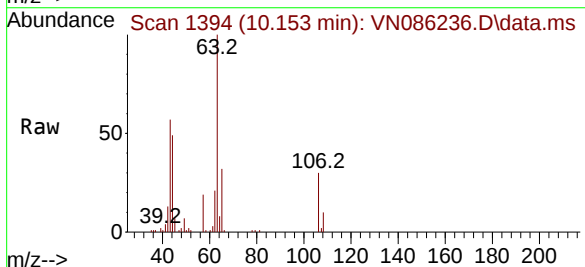
Acq: 07 Apr 2025 14:46

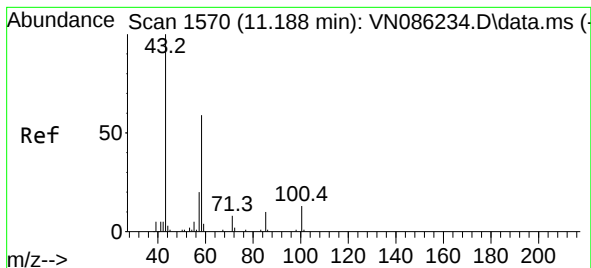
Tgt Ion: 63 Resp: 45785

Ion Ratio Lower Upper

63 100

106 29.8 24.1 36.1

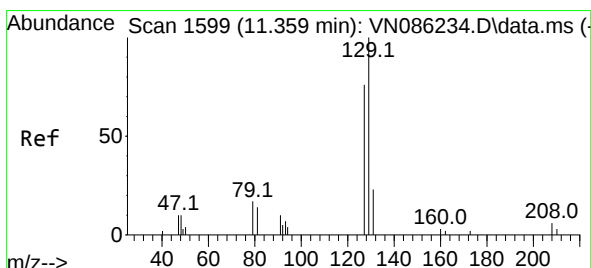
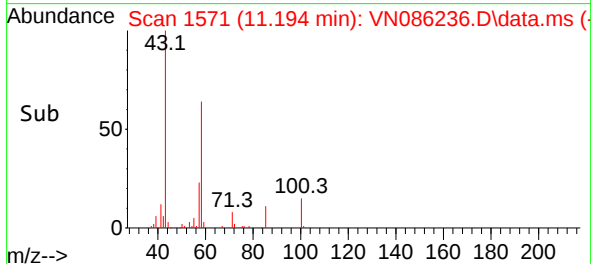
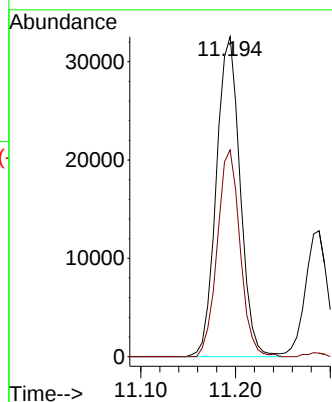
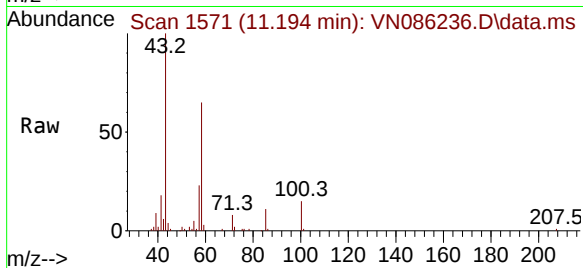




#59  
2-Hexanone  
Concen: 76.391 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

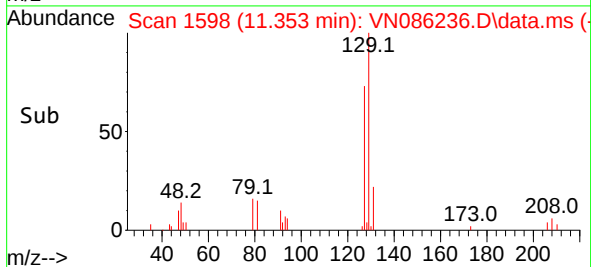
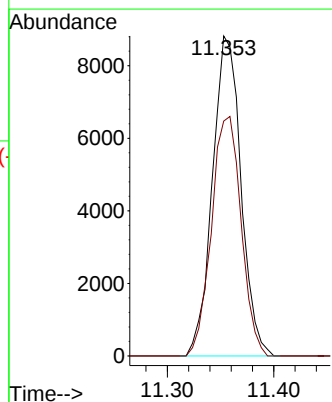
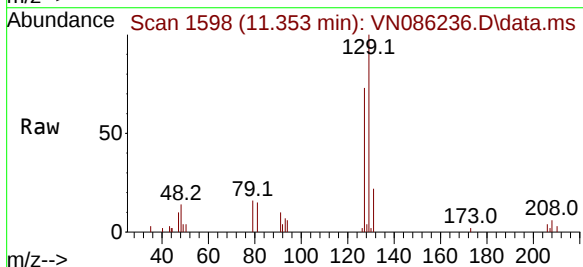
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

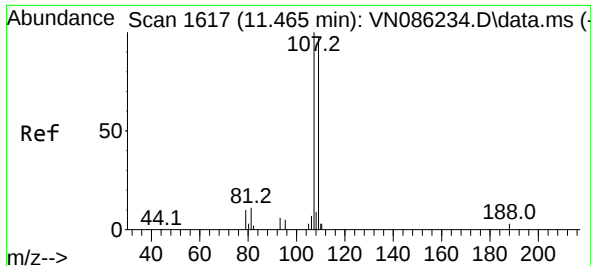
Tgt Ion: 43 Resp: 56767  
Ion Ratio Lower Upper  
43 100  
58 61.8 32.2 96.6



#60  
Dibromochloromethane  
Concen: 14.197 ug/l  
RT: 11.353 min Scan# 1598  
Delta R.T. -0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion: 129 Resp: 16401  
Ion Ratio Lower Upper  
129 100  
127 77.7 39.8 119.3

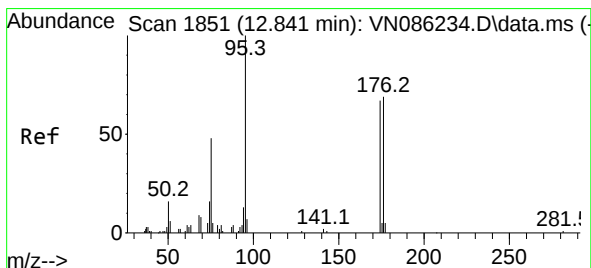
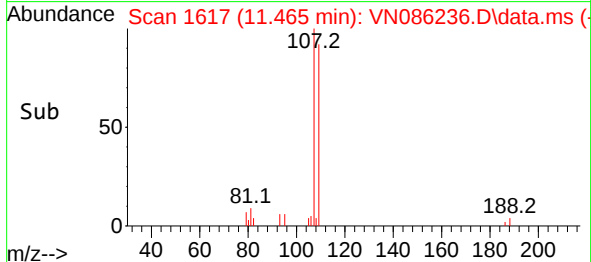
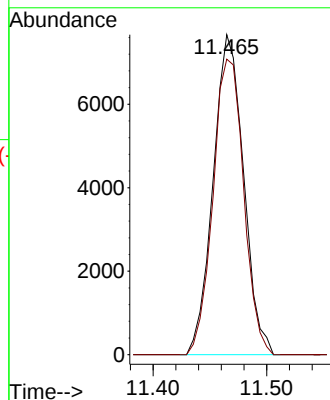
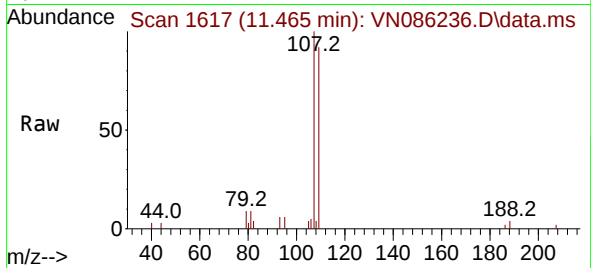




#61  
1,2-Dibromoethane  
Concen: 15.571 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

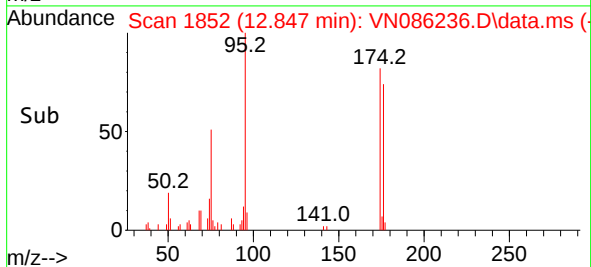
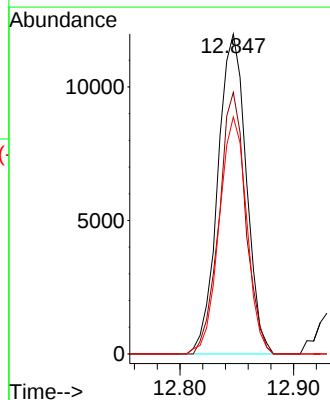
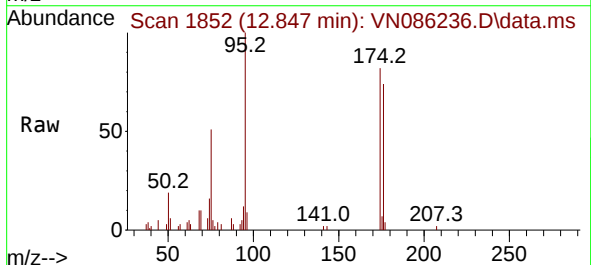
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

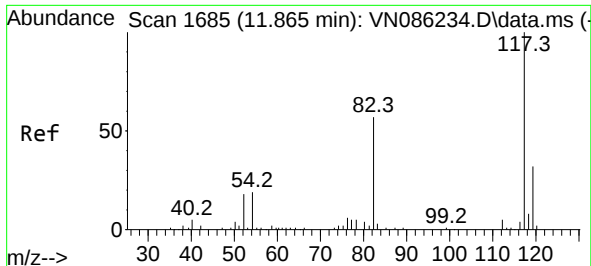
Tgt Ion:107 Resp: 14251  
Ion Ratio Lower Upper  
107 100  
109 93.2 76.0 114.0



#62  
4-Bromofluorobenzene  
Concen: 12.748 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion: 95 Resp: 20822  
Ion Ratio Lower Upper  
95 100  
174 76.6 0.0 150.0  
176 71.6 0.0 145.0

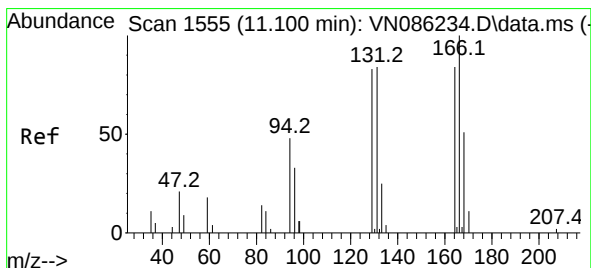
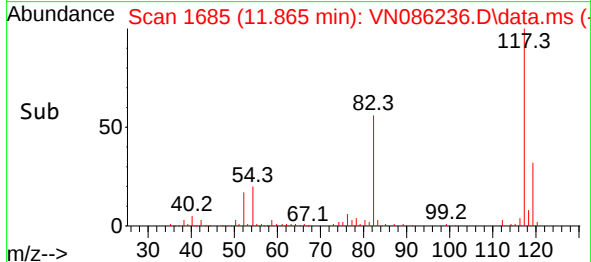
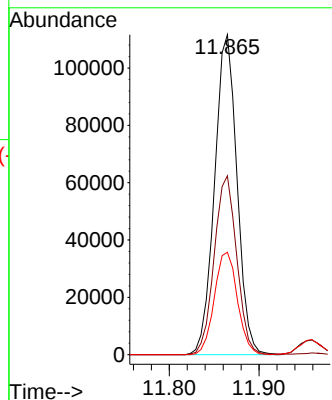
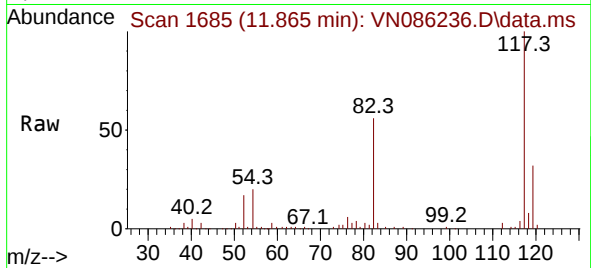




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

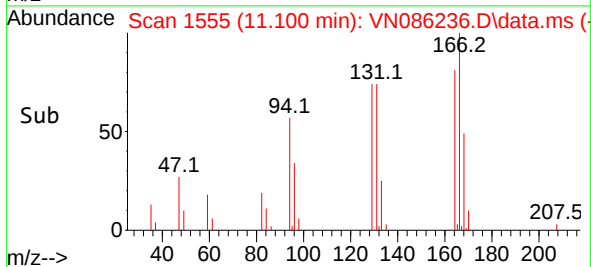
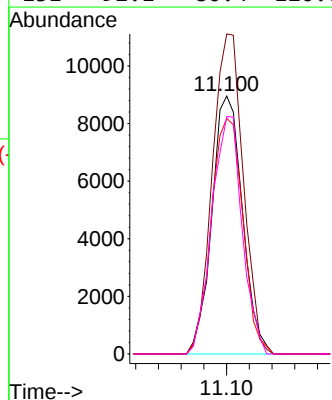
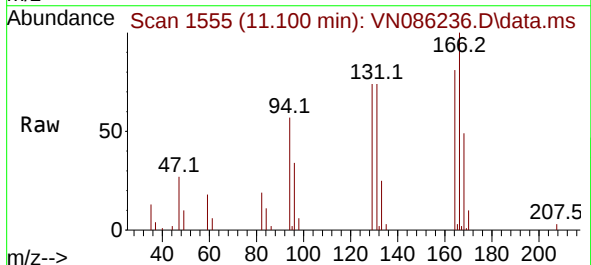
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

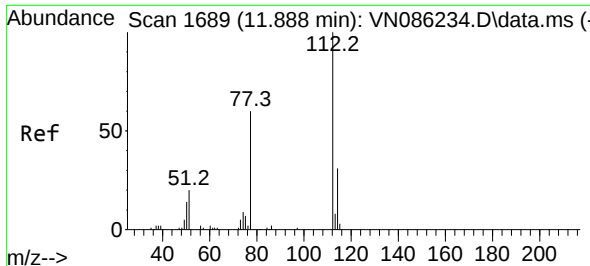
Tgt Ion:117 Resp: 193860  
Ion Ratio Lower Upper  
117 100  
82 55.9 45.6 68.4  
119 32.0 25.9 38.9



#64  
Tetrachloroethene  
Concen: 14.589 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion:164 Resp: 16674  
Ion Ratio Lower Upper  
164 100  
166 124.1 95.7 143.5  
129 91.4 79.4 119.0  
131 92.1 80.4 120.6

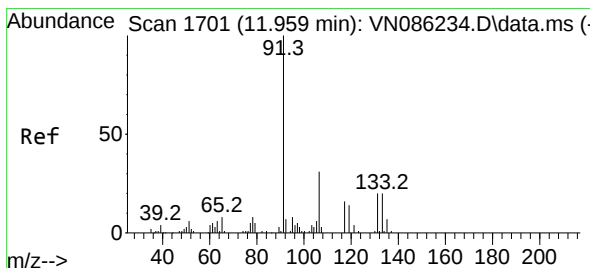
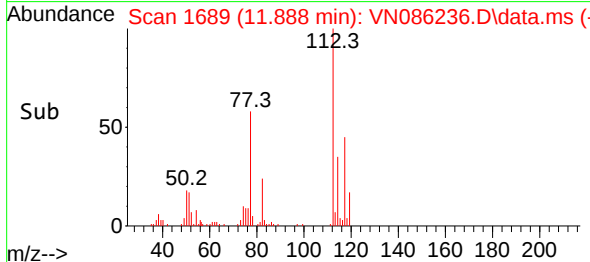
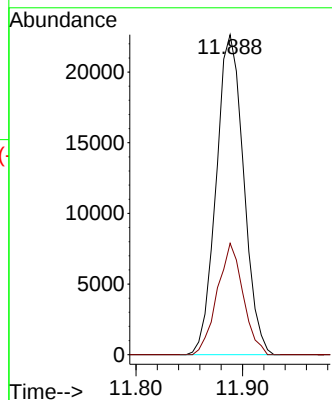
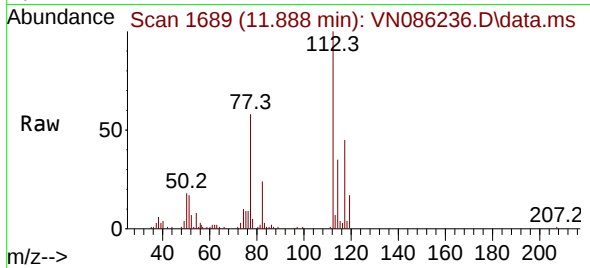




#65  
Chlorobenzene  
Concen: 14.293 ug/l  
RT: 11.888 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

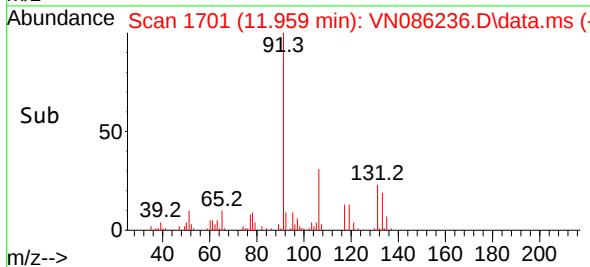
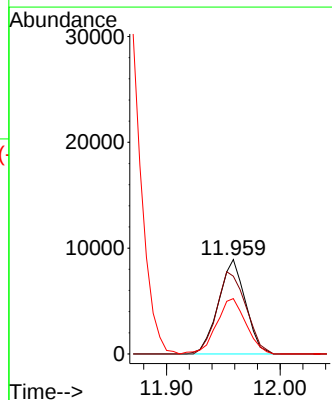
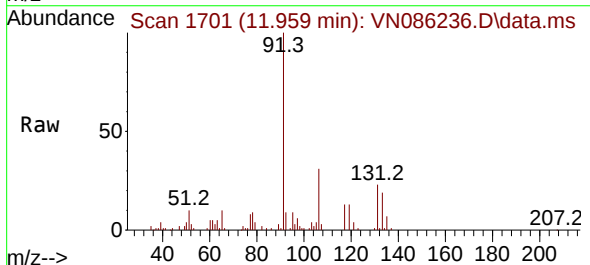
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

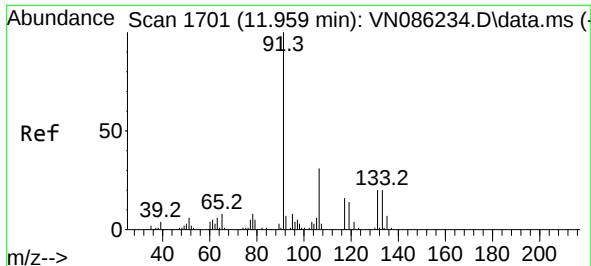
Tgt Ion:112 Resp: 40483  
Ion Ratio Lower Upper  
112 100  
114 34.8 25.0 37.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 14.581 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion:131 Resp: 14703  
Ion Ratio Lower Upper  
131 100  
133 94.4 49.0 147.0  
119 64.0 32.5 97.5

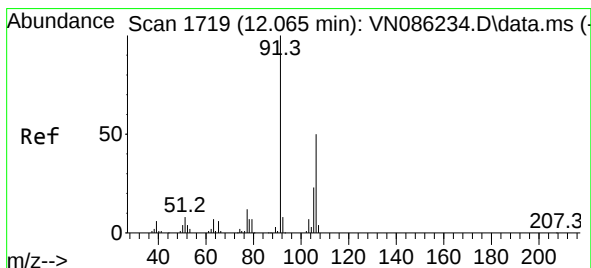
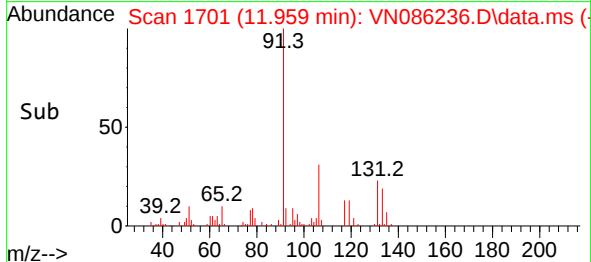
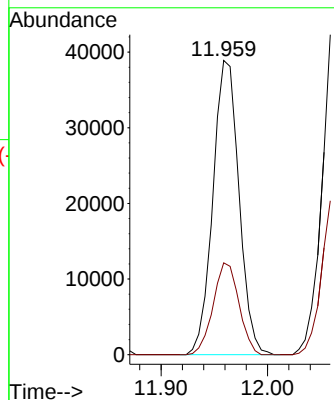
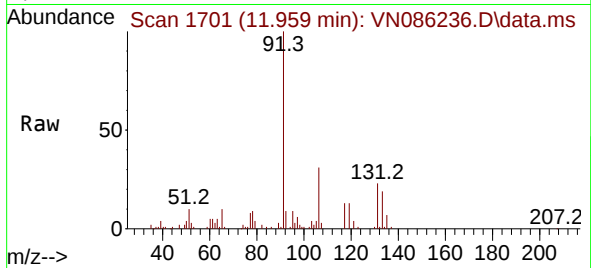




#67  
Ethyl Benzene  
Concen: 14.715 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

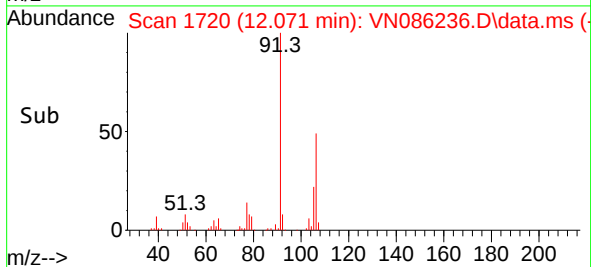
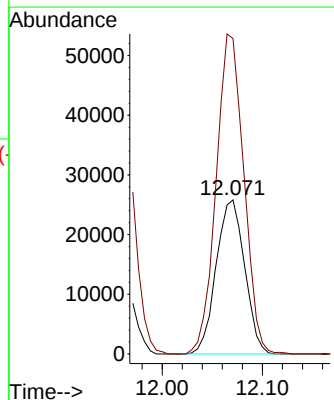
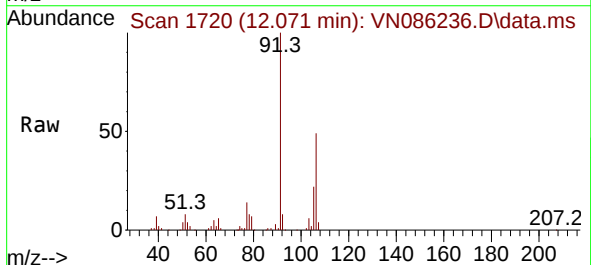
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

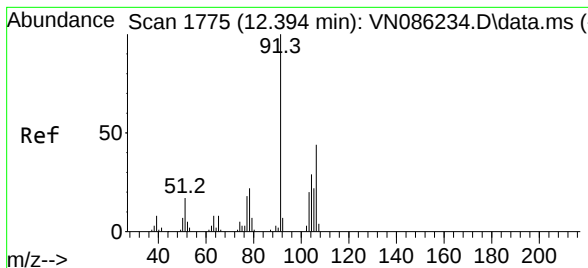
Tgt Ion: 91 Resp: 66072  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.1 37.7



#68  
m/p-Xylenes  
Concen: 29.644 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. 0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion: 106 Resp: 50886  
Ion Ratio Lower Upper  
106 100  
91 202.2 156.7 235.1





#69

o-Xylene

Concen: 14.506 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN086236.D

Acq: 07 Apr 2025 14:46

Instrument :

MSVOA\_N

ClientSampleId :

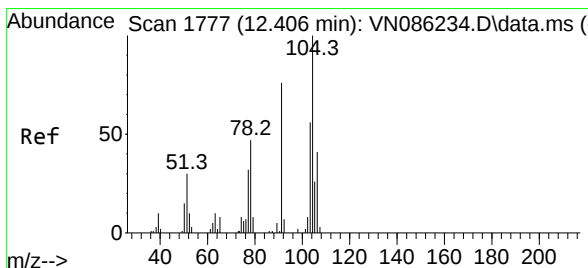
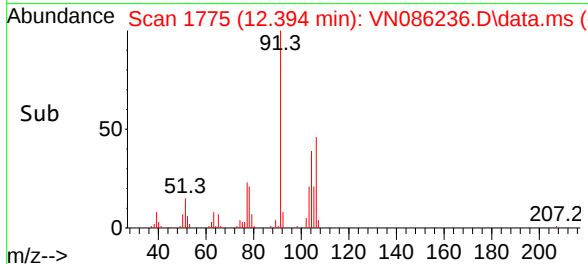
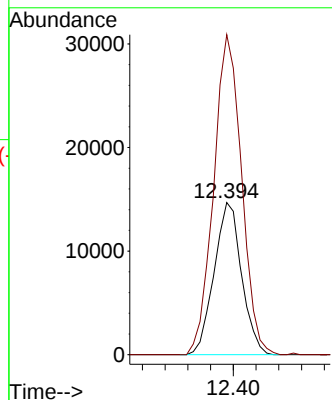
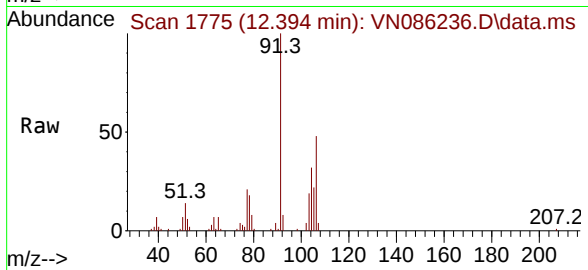
VSTDICC010

Tgt Ion:106 Resp: 24614

Ion Ratio Lower Upper

106 100

91 214.2 109.0 327.0



#70

Styrene

Concen: 14.904 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN086236.D

Acq: 07 Apr 2025 14:46

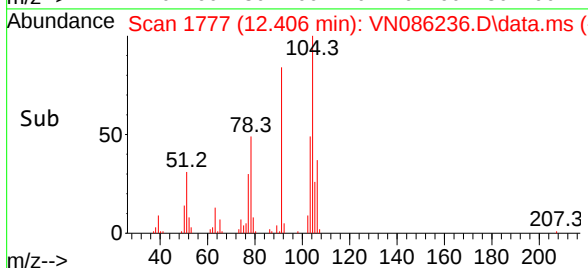
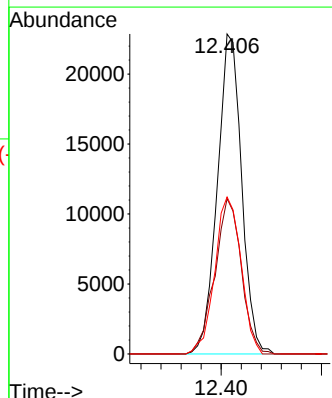
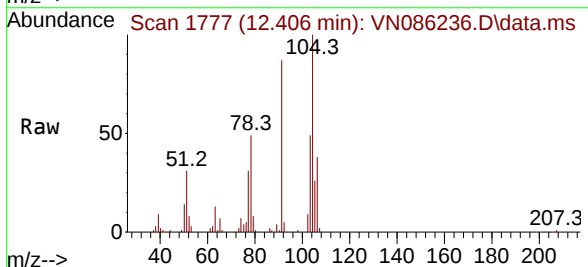
Tgt Ion:104 Resp: 38409

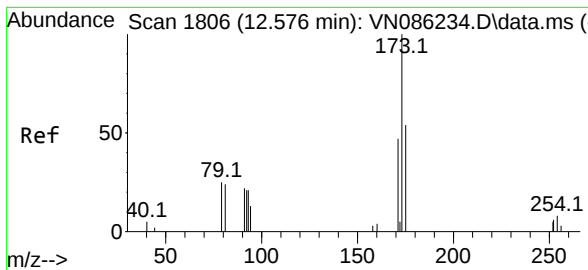
Ion Ratio Lower Upper

104 100

78 53.0 43.0 64.4

103 53.0 44.3 66.5

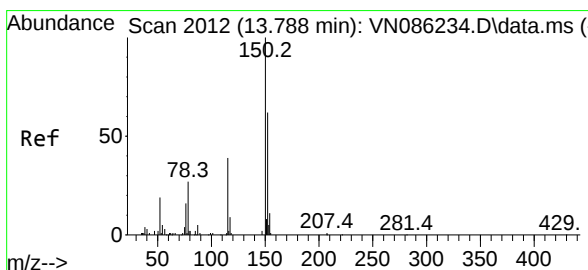
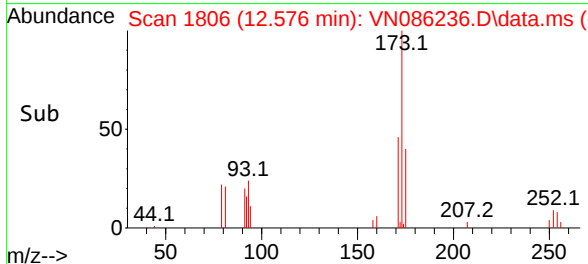
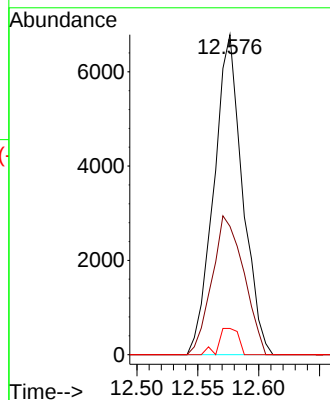
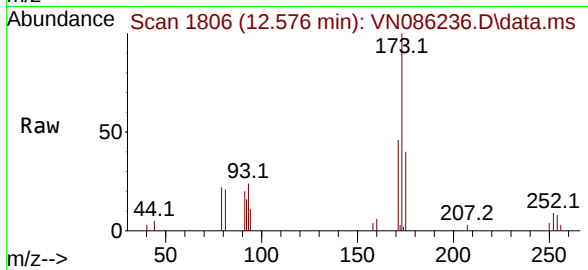




#71  
Bromoform  
Concen: 14.931 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

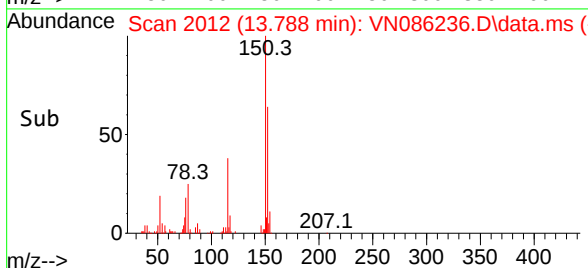
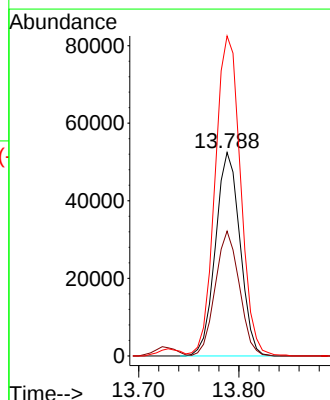
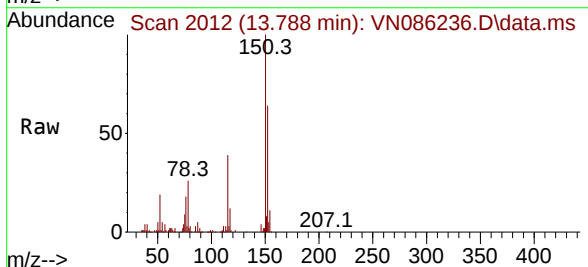
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

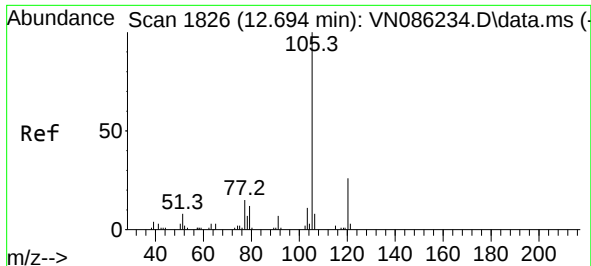
Tgt Ion:173 Resp: 11132  
Ion Ratio Lower Upper  
173 100  
175 48.1 24.8 74.3  
254 5.6 6.3 9.5#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion:152 Resp: 89014  
Ion Ratio Lower Upper  
152 100  
115 60.4 31.2 93.6  
150 163.4 0.0 333.2

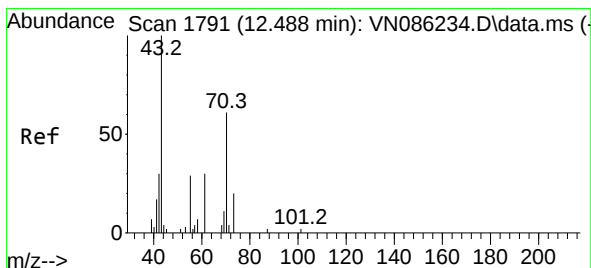
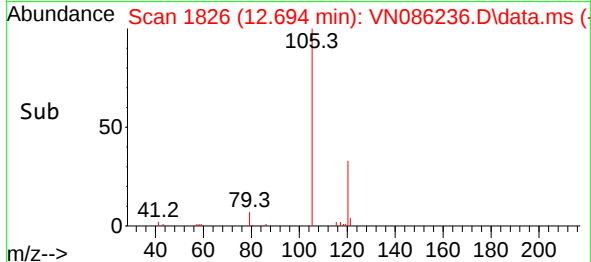
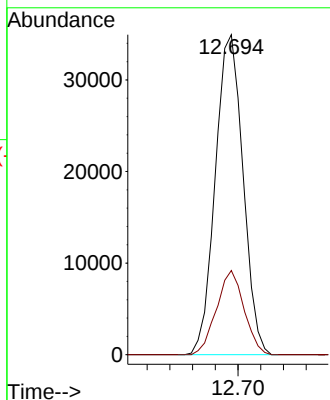
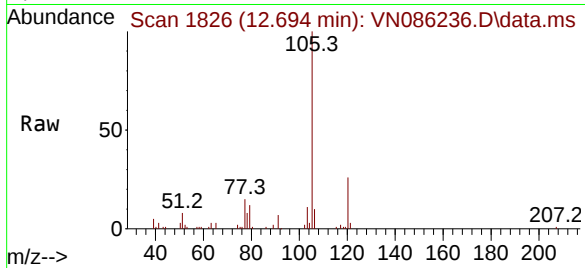




#73  
Isopropylbenzene  
Concen: 14.537 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

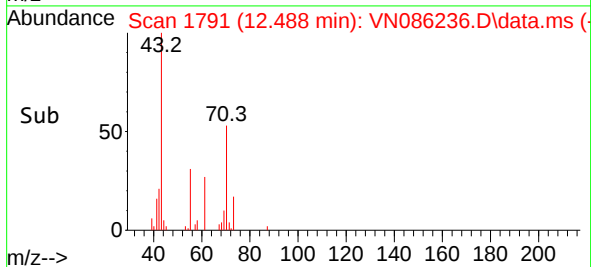
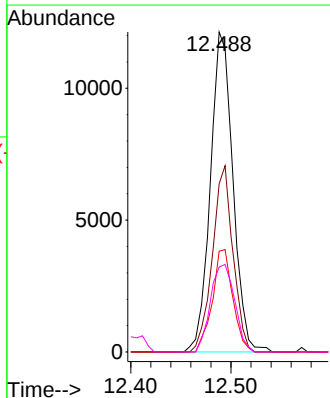
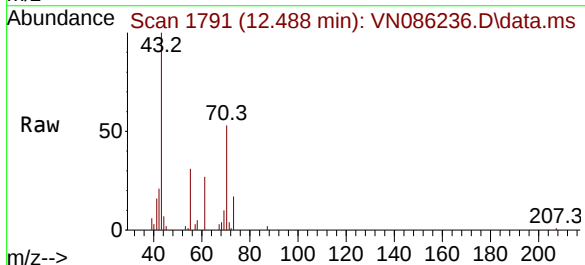
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

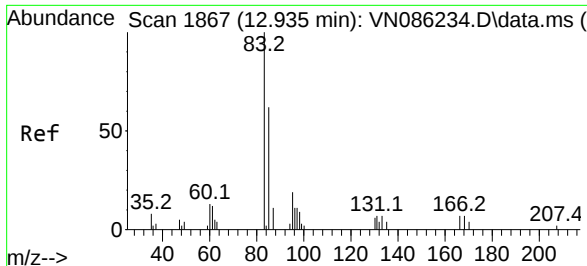
Tgt Ion:105 Resp: 59232  
Ion Ratio Lower Upper  
105 100  
120 26.1 12.7 38.0



#74  
N-ethyl acetate  
Concen: 15.355 ug/l  
RT: 12.488 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion: 43 Resp: 18982  
Ion Ratio Lower Upper  
43 100  
70 52.9 43.5 65.3  
55 29.1 24.8 37.2  
61 29.3 22.6 34.0

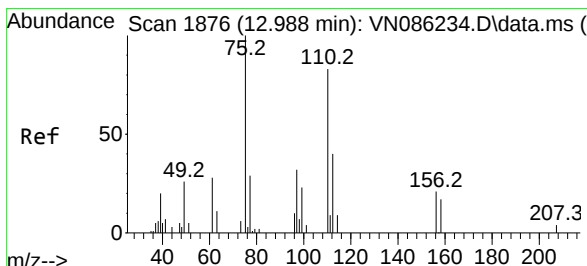
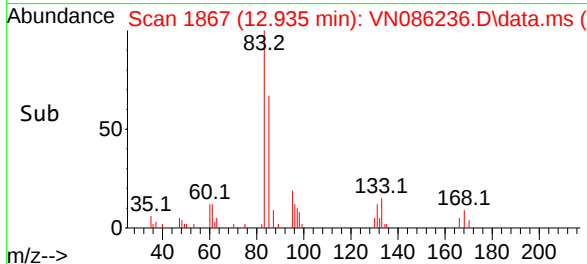
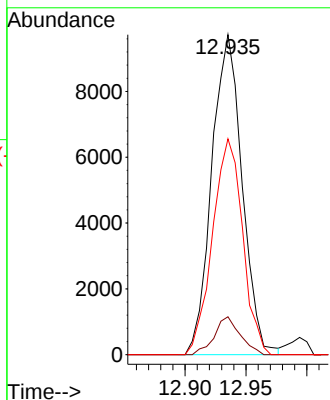
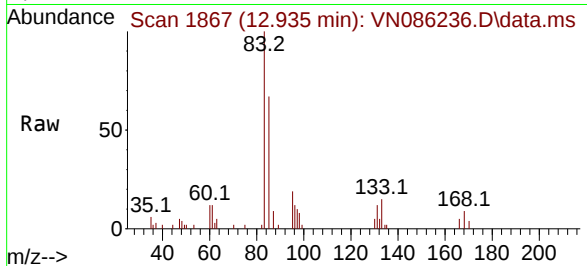




#75  
1,1,2,2-Tetrachloroethane  
Concen: 13.744 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

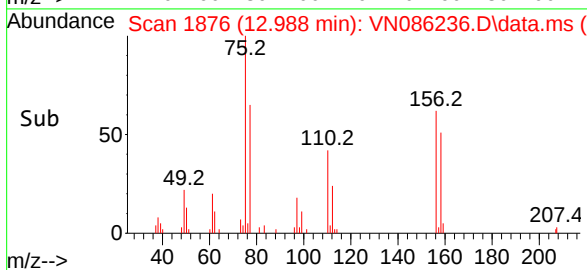
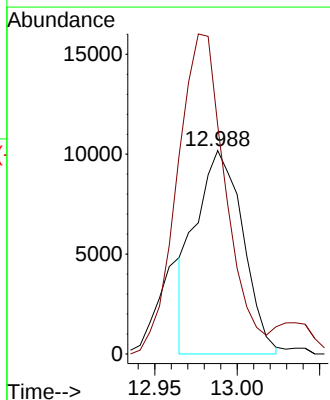
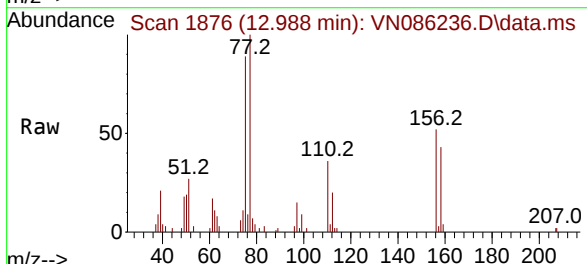
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

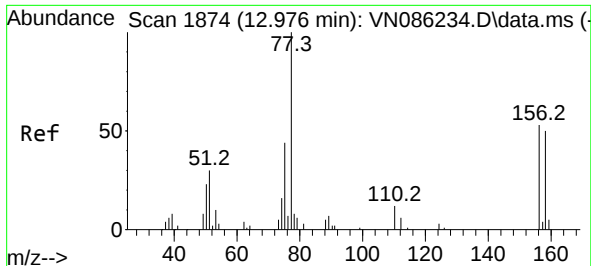
Tgt Ion: 83 Resp: 16877  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.3 15.8  
85 66.9 29.6 88.9



#76  
1,2,3-Trichloropropane  
Concen: 14.721 ug/l m  
RT: 12.988 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion: 75 Resp: 20269  
Ion Ratio Lower Upper  
75 100  
77 161.0 85.4 256.1

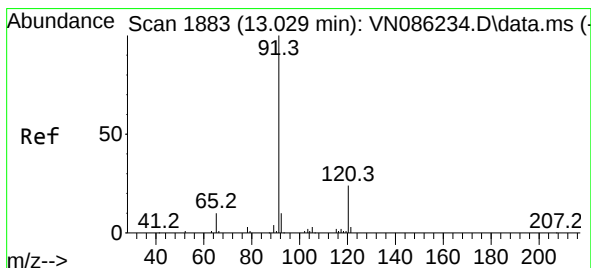
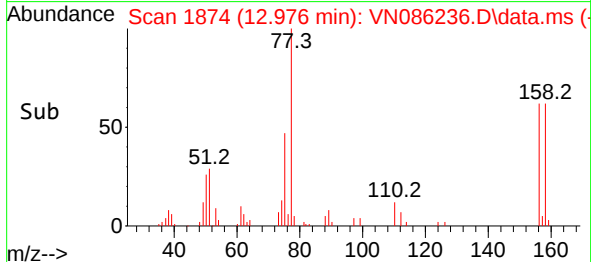
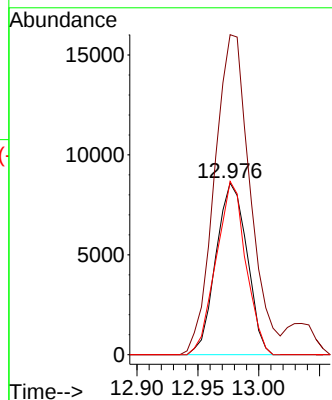
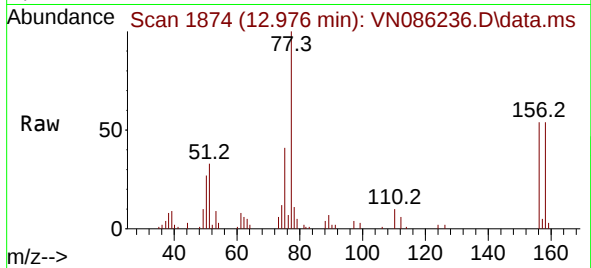




#77  
Bromobenzene  
Concen: 14.266 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

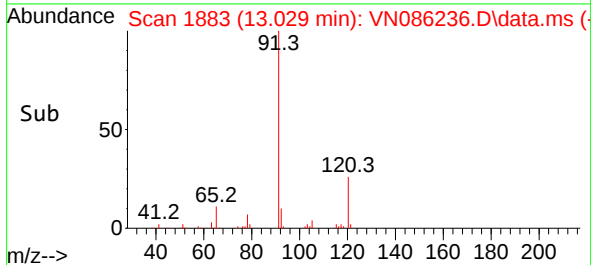
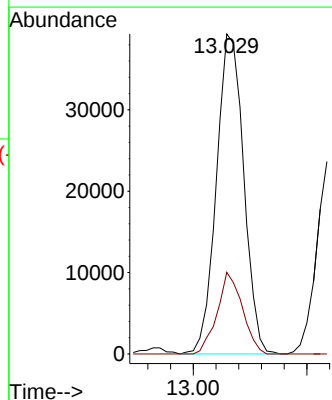
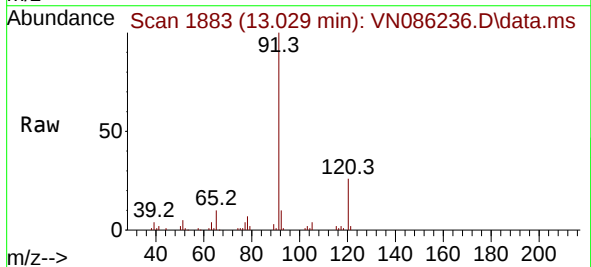
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

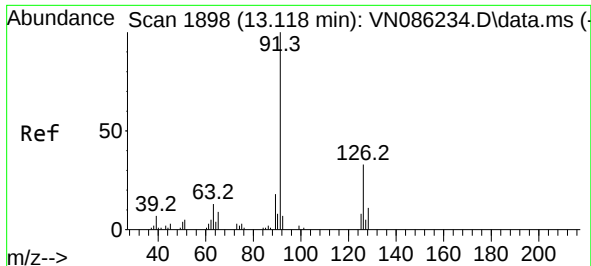
Tgt Ion:156 Resp: 15279  
Ion Ratio Lower Upper  
156 100  
77 213.5 108.3 325.0  
158 96.2 49.1 147.4



#78  
n-propylbenzene  
Concen: 14.398 ug/l  
RT: 13.029 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion: 91 Resp: 65612  
Ion Ratio Lower Upper  
91 100  
120 23.5 11.2 33.5

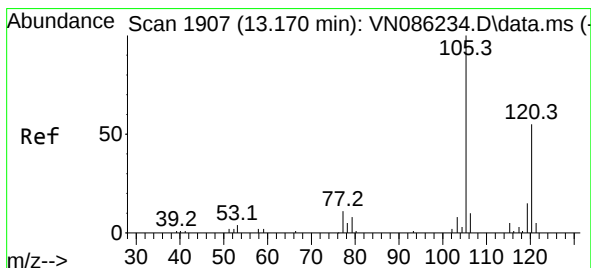
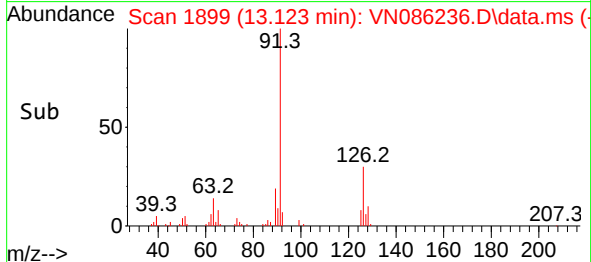
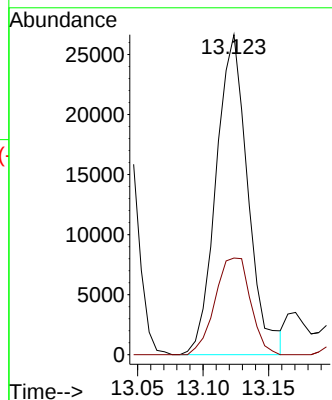
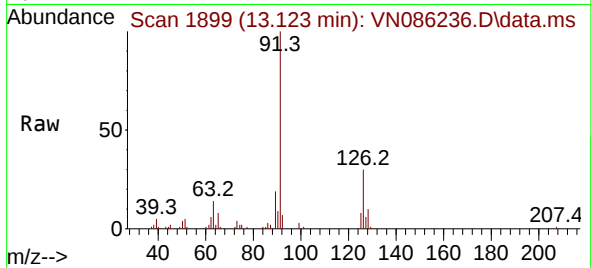




#79  
2-Chlorotoluene  
Concen: 14.165 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. 0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

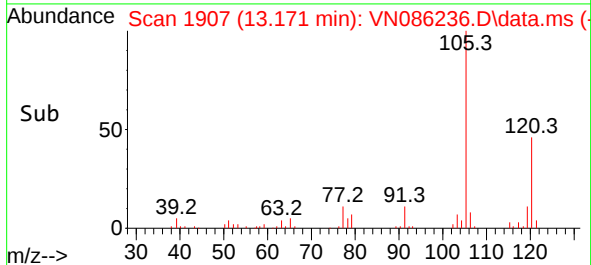
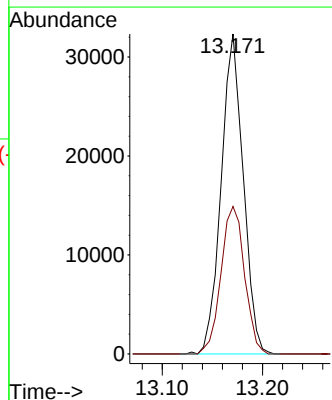
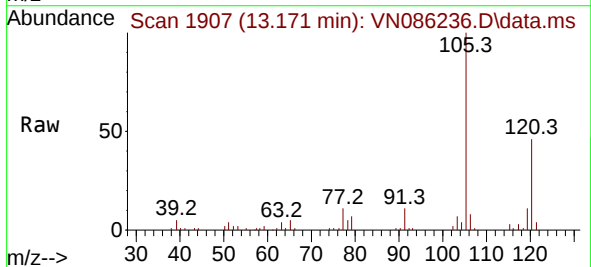
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

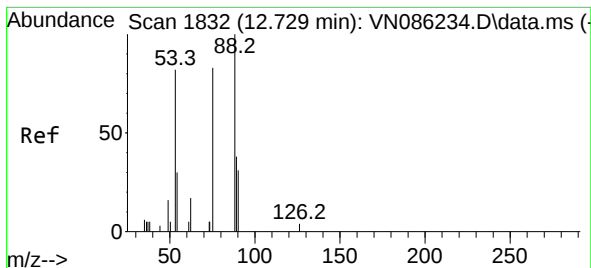
Tgt Ion: 91 Resp: 44880  
Ion Ratio Lower Upper  
91 100  
126 33.7 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 14.820 ug/l  
RT: 13.171 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion: 105 Resp: 49405  
Ion Ratio Lower Upper  
105 100  
120 49.1 24.6 74.0

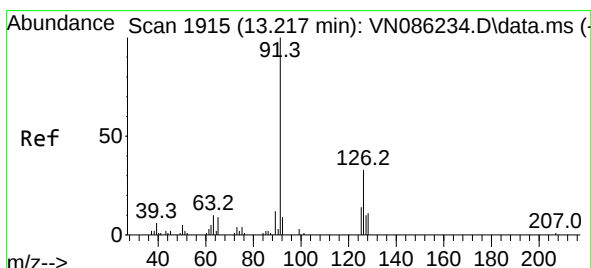
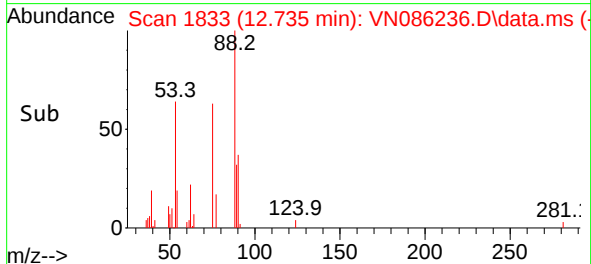
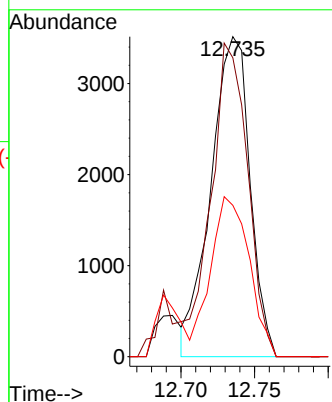
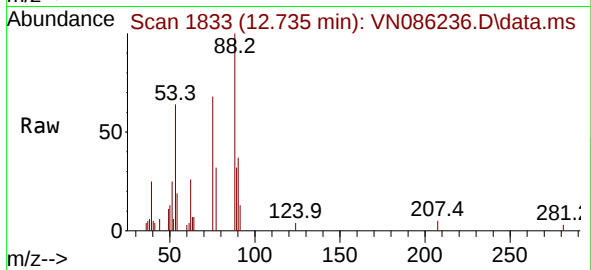




#81  
trans-1,4-Dichloro-2-butene  
Concen: 15.934 ug/l m  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

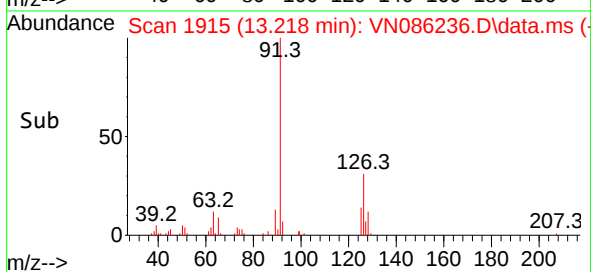
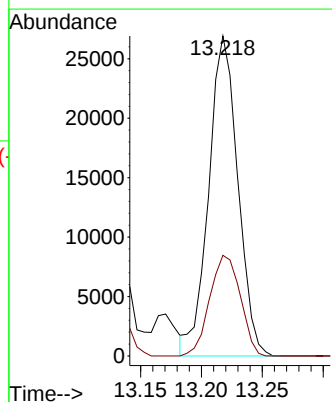
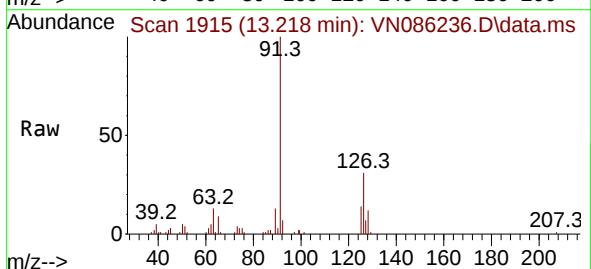
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

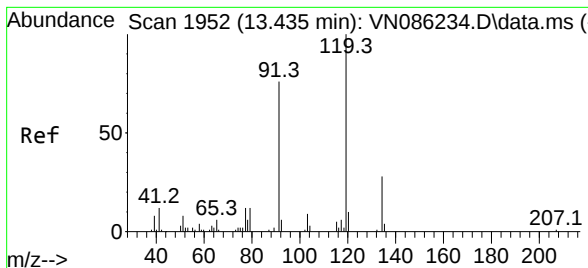
Tgt Ion: 75 Resp: 6483  
Ion Ratio Lower Upper  
75 100  
53 91.9 71.9 107.9  
89 49.4 36.4 54.6



#82  
4-Chlorotoluene  
Concen: 14.565 ug/l  
RT: 13.218 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion: 91 Resp: 44815  
Ion Ratio Lower Upper  
91 100  
126 33.0 15.8 47.4

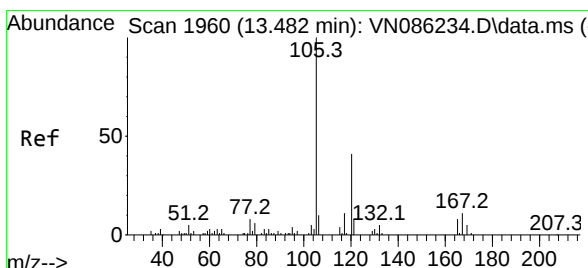
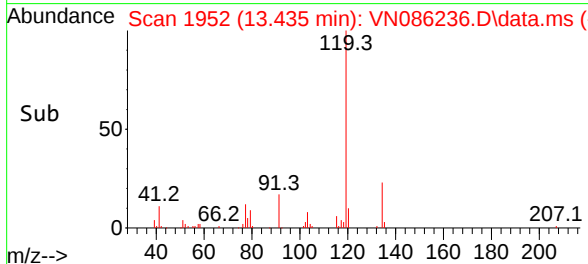
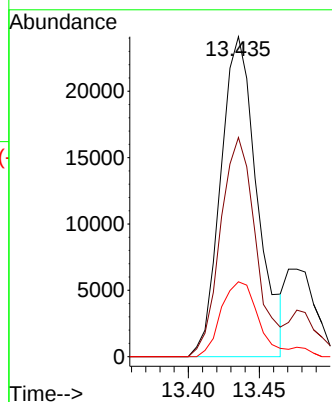
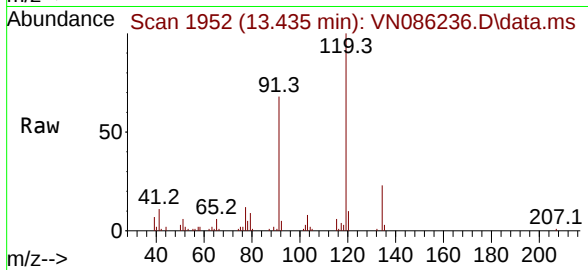




#83  
tert-Butylbenzene  
Concen: 15.102 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

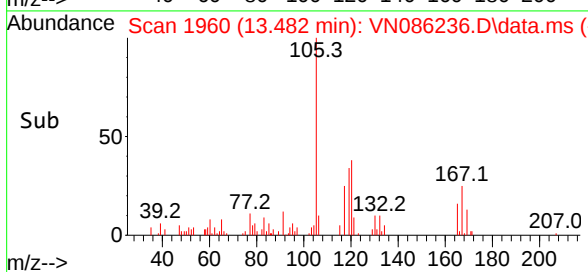
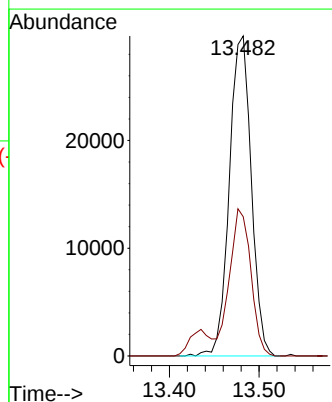
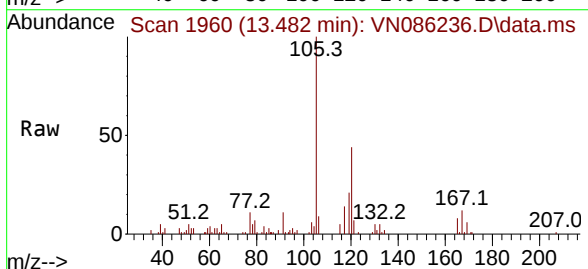
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

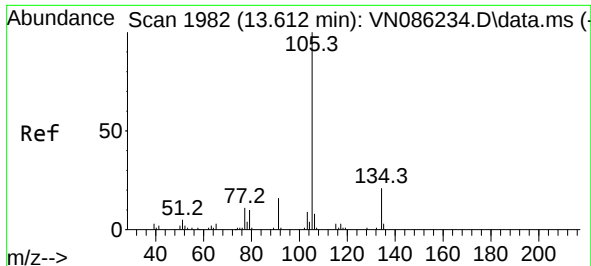
Tgt Ion:119 Resp: 43033  
Ion Ratio Lower Upper  
119 100  
91 66.9 35.9 107.5  
134 25.3 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 15.270 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion:105 Resp: 50386  
Ion Ratio Lower Upper  
105 100  
120 45.5 22.7 68.1

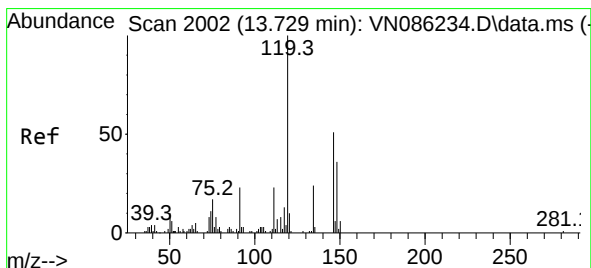
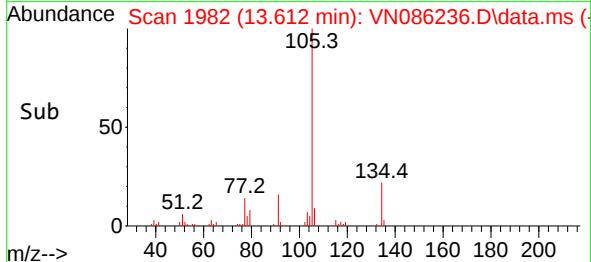
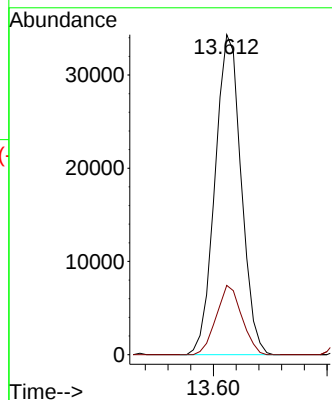
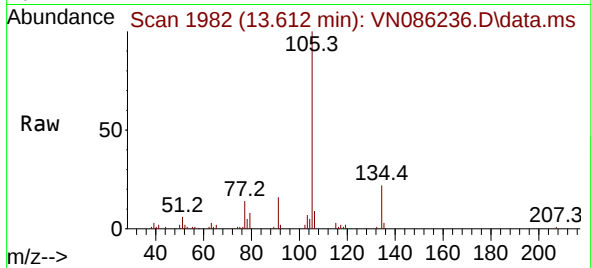




#85  
 sec-Butylbenzene  
 Concen: 14.608 ug/l  
 RT: 13.612 min Scan# 1982  
 Delta R.T. 0.000 min  
 Lab File: VN086236.D  
 Acq: 07 Apr 2025 14:46

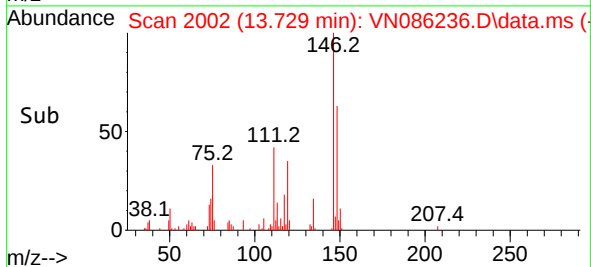
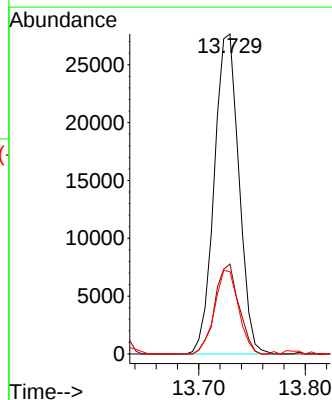
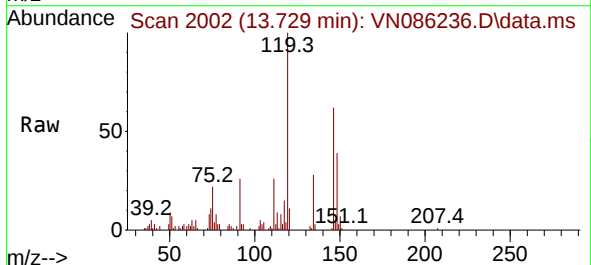
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC010

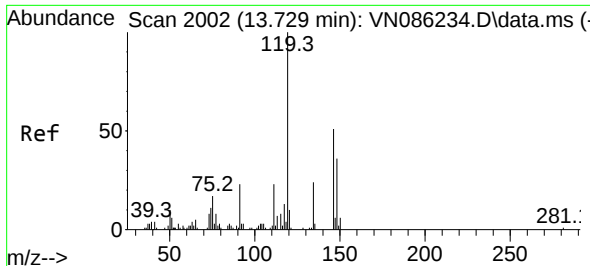
Tgt Ion:105 Resp: 54939  
 Ion Ratio Lower Upper  
 105 100  
 134 21.2 9.9 29.7



#86  
 p-Isopropyltoluene  
 Concen: 14.242 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN086236.D  
 Acq: 07 Apr 2025 14:46

Tgt Ion:119 Resp: 44434  
 Ion Ratio Lower Upper  
 119 100  
 134 27.3 12.9 38.6  
 91 25.4 12.8 38.4

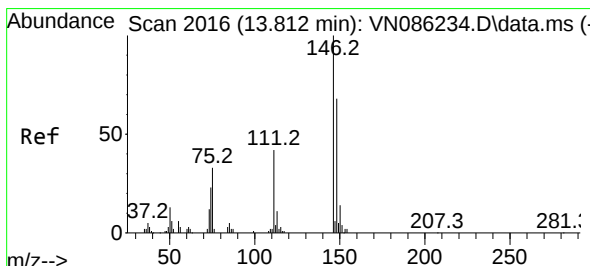
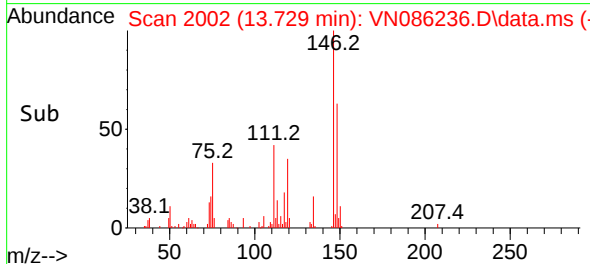
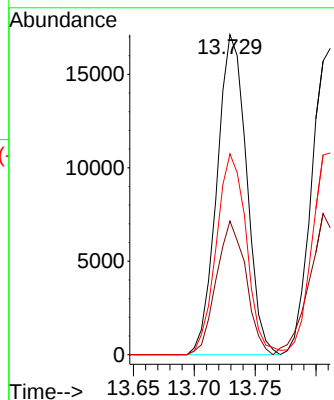
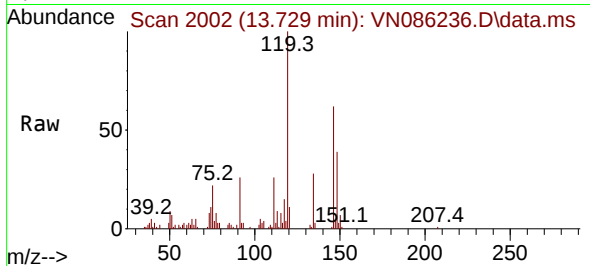




#87  
1,3-Dichlorobenzene  
Concen: 13.964 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

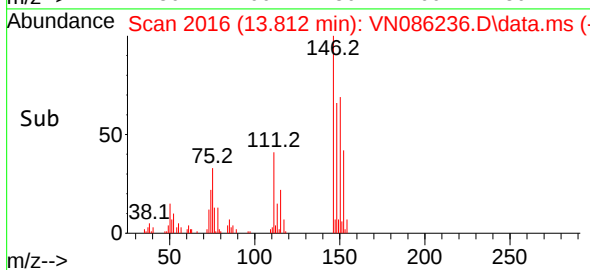
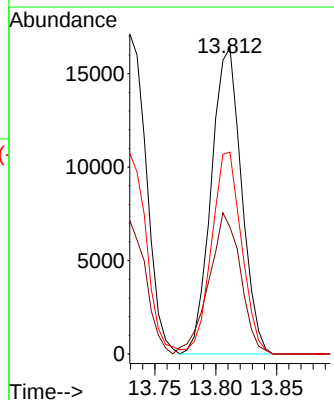
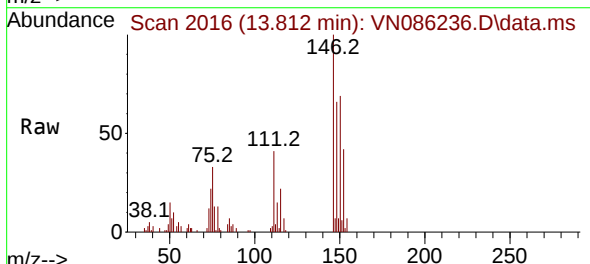
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

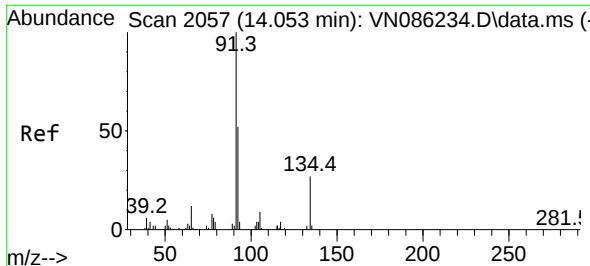
Tgt Ion:146 Resp: 28942  
Ion Ratio Lower Upper  
146 100  
111 41.8 21.3 64.0  
148 64.1 31.4 94.0



#88  
1,4-Dichlorobenzene  
Concen: 13.359 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion:146 Resp: 28321  
Ion Ratio Lower Upper  
146 100  
111 48.1 22.3 66.8  
148 65.3 33.4 100.2

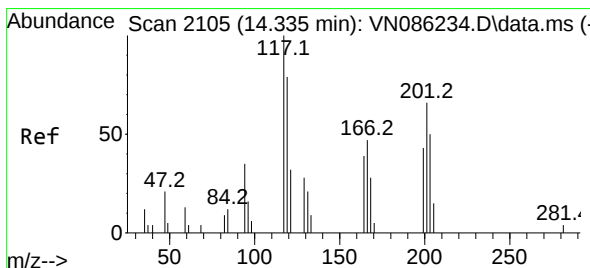
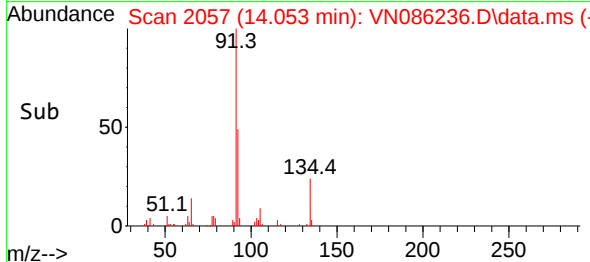
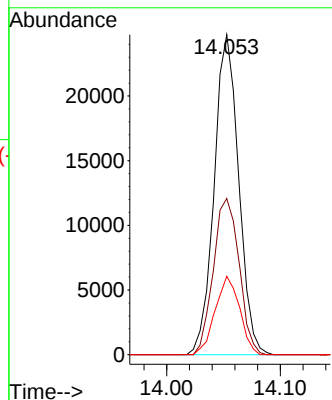
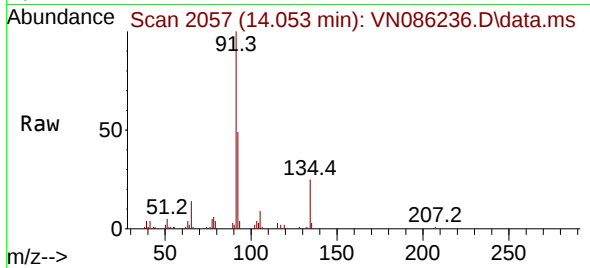




#89  
n-Butylbenzene  
Concen: 14.158 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

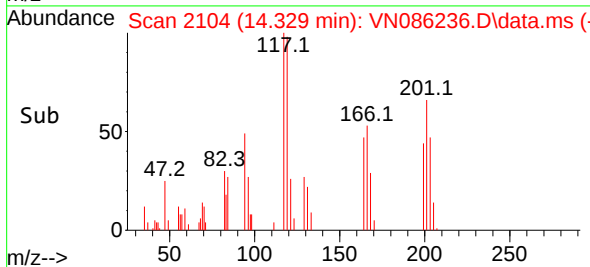
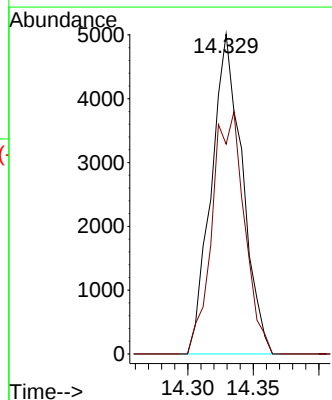
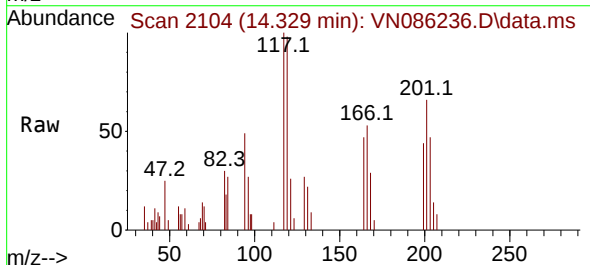
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

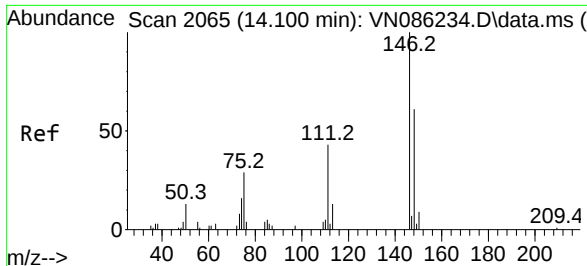
Tgt Ion: 91 Resp: 37118  
Ion Ratio Lower Upper  
91 100  
92 51.3 25.1 75.4  
134 24.4 13.4 40.1



#90  
Hexachloroethane  
Concen: 13.611 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. -0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion: 117 Resp: 8234  
Ion Ratio Lower Upper  
117 100  
201 78.7 37.9 113.6





#91

1,2-Dichlorobenzene

Concen: 13.517 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN086236.D

Acq: 07 Apr 2025 14:46

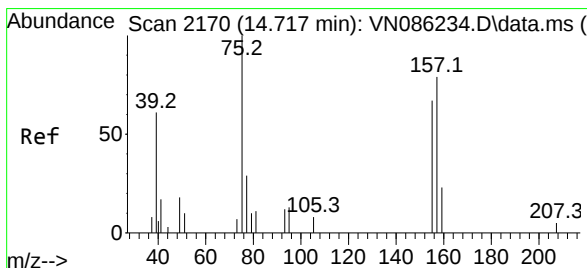
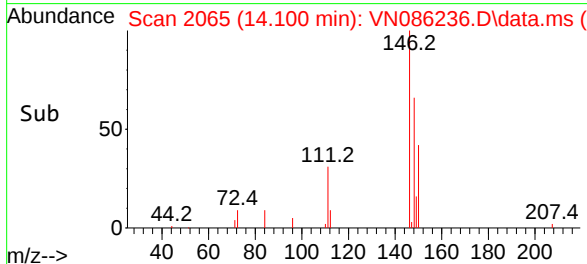
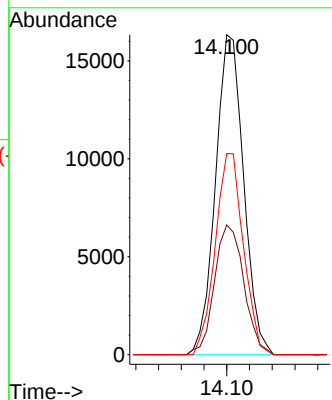
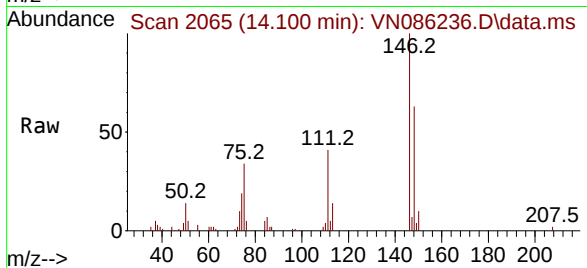
Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 28126     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 42.3  | 22.1 66.1 |
| 148         | 62.8  | 31.3 93.9 |



#92

1,2-Dibromo-3-Chloropropane

Concen: 14.322 ug/l

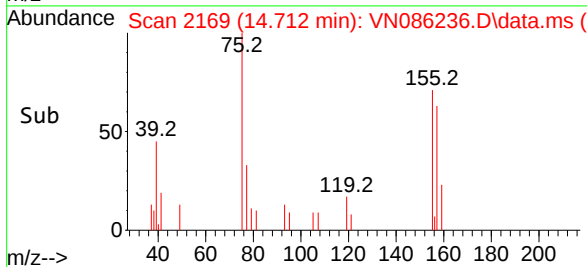
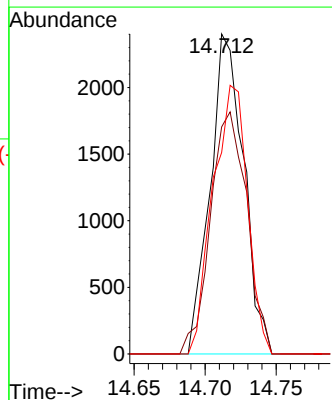
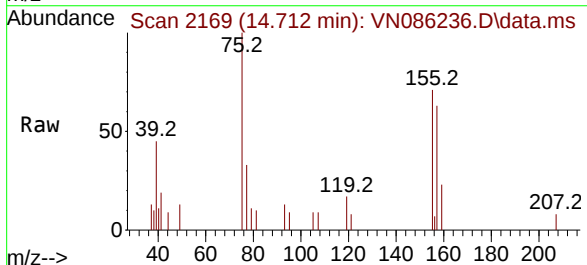
RT: 14.712 min Scan# 2169

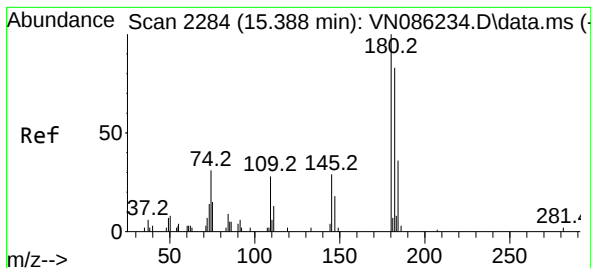
Delta R.T. -0.006 min

Lab File: VN086236.D

Acq: 07 Apr 2025 14:46

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 3931       |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 155         | 82.3  | 39.0 117.0 |
| 157         | 87.0  | 44.1 132.4 |





#93

1,2,4-Trichlorobenzene

Concen: 13.577 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN086236.D

Acq: 07 Apr 2025 14:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

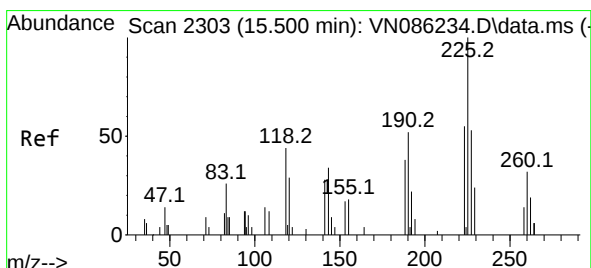
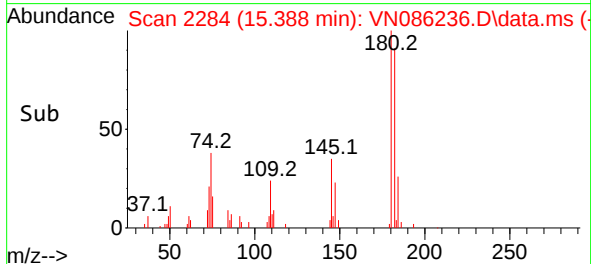
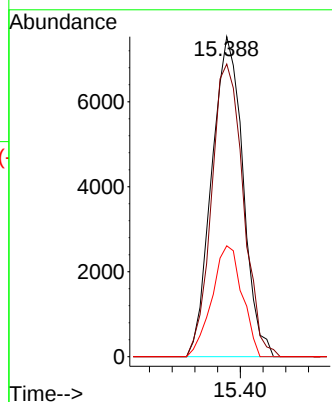
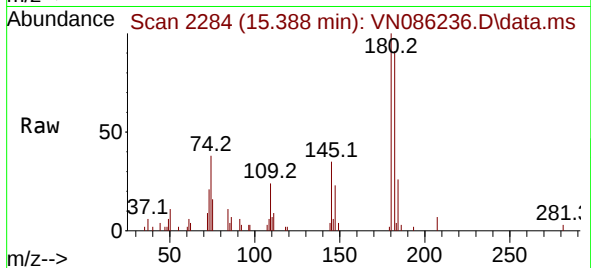
Tgt Ion:180 Resp: 14363

Ion Ratio Lower Upper

180 100

182 92.9 43.7 131.1

145 33.6 15.3 45.8



#94

Hexachlorobutadiene

Concen: 13.320 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN086236.D

Acq: 07 Apr 2025 14:46

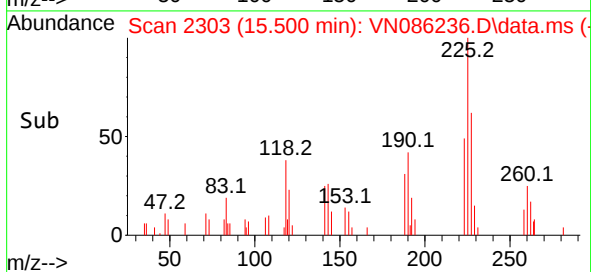
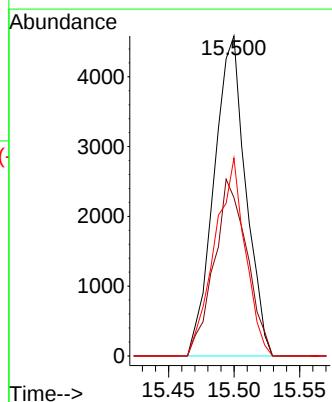
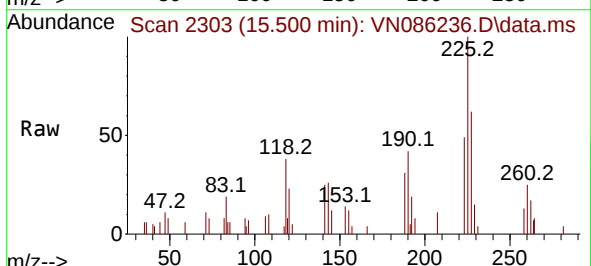
Tgt Ion:225 Resp: 7718

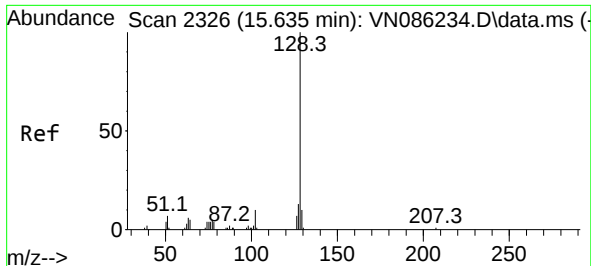
Ion Ratio Lower Upper

225 100

223 57.3 29.8 89.5

227 59.4 30.3 91.0

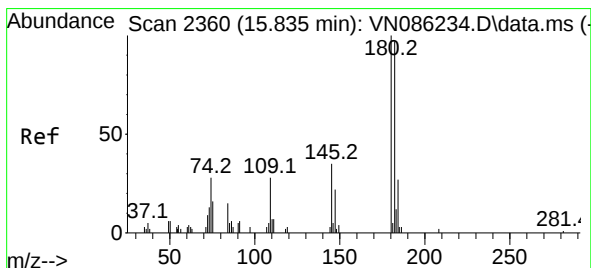
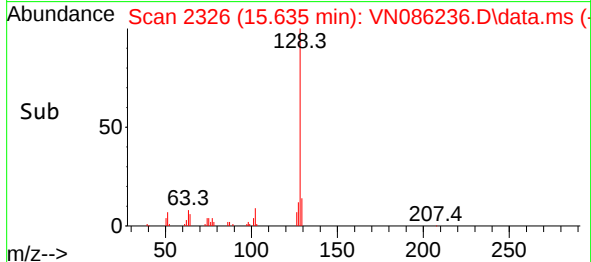
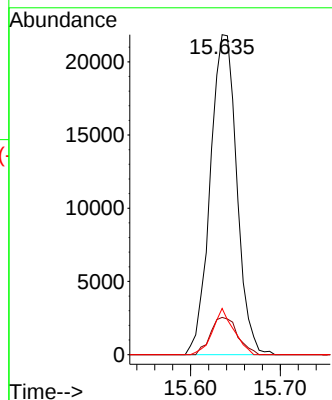
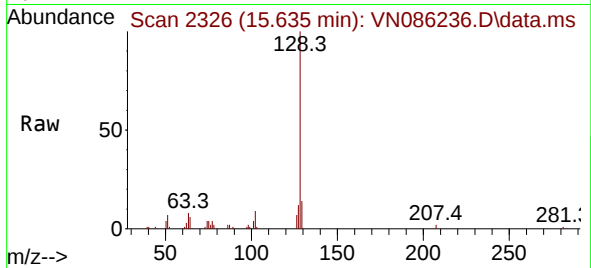




#95  
Naphthalene  
Concen: 14.647 ug/l  
RT: 15.635 min Scan# 2326  
Delta R.T. 0.000 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Tgt Ion:128 Resp: 44834  
Ion Ratio Lower Upper  
128 100  
127 11.9 10.0 15.0  
129 11.5 8.5 12.7



#96  
1,2,3-Trichlorobenzene  
Concen: 13.722 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. 0.006 min  
Lab File: VN086236.D  
Acq: 07 Apr 2025 14:46

Tgt Ion:180 Resp: 13965  
Ion Ratio Lower Upper  
180 100  
182 96.5 45.9 137.7  
145 36.5 16.4 49.1

