

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031425\  
 Data File : VN085987.D  
 Acq On : 14 Mar 2025 13:48  
 Operator : JC\MD  
 Sample : VN0314WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0314WBS01

Quant Time: Mar 15 00:00:48 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 19 03:43:32 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.224  | 168   | 171865   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100  | 114   | 273333   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 248299   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.788 | 152   | 130109   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.577  | 65    | 107303   | 48.157   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 96.320%  |
| 35) Dibromofluoromethane     | 8.165  | 113   | 86659    | 48.452   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 96.900%  |
| 50) Toluene-d8               | 10.565 | 98    | 308653   | 47.432   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 94.860%  |
| 62) 4-Bromofluorobenzene     | 12.847 | 95    | 116972   | 54.557   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =      | 109.120% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 48084    | 20.569   | ug/l   | 98       |
| 3) Chloromethane             | 2.359  | 50    | 38574    | 16.444   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.507  | 62    | 39990    | 16.101   | ug/l   | 99       |
| 5) Bromomethane              | 2.959  | 94    | 25169    | 15.848   | ug/l   | 99       |
| 6) Chloroethane              | 3.118  | 64    | 23214    | 14.110   | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.495  | 101   | 69488    | 19.324   | ug/l   | 99       |
| 8) Diethyl Ether             | 3.965  | 74    | 21277    | 18.287   | ug/l   | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 4.365  | 101   | 38842    | 18.686   | ug/l   | 100      |
| 10) Methyl Iodide            | 4.589  | 142   | 47685    | 18.610   | ug/l   | 95       |
| 11) Tert butyl alcohol       | 5.524  | 59    | 27724    | 101.164  | ug/l # | 89       |
| 12) 1,1-Dichloroethene       | 4.342  | 96    | 33872    | 17.972   | ug/l   | 94       |
| 13) Acrolein                 | 4.183  | 56    | 21157    | 52.060   | ug/l   | 100      |
| 14) Allyl chloride           | 5.018  | 41    | 40497    | 16.366   | ug/l   | 97       |
| 15) Acrylonitrile            | 5.718  | 53    | 86116    | 96.661   | ug/l   | 96       |
| 16) Acetone                  | 4.430  | 43    | 74012    | 104.977  | ug/l   | 97       |
| 17) Carbon Disulfide         | 4.712  | 76    | 99830    | 17.872   | ug/l   | 99       |
| 18) Methyl Acetate           | 5.018  | 43    | 37670    | 15.534   | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 5.795  | 73    | 110005   | 19.642   | ug/l   | 99       |
| 20) Methylene Chloride       | 5.277  | 84    | 39987    | 17.636   | ug/l   | 96       |
| 21) trans-1,2-Dichloroethene | 5.789  | 96    | 36924    | 18.194   | ug/l   | 92       |
| 22) Diisopropyl ether        | 6.677  | 45    | 99339    | 17.766   | ug/l # | 97       |
| 23) Vinyl Acetate            | 6.600  | 43    | 342176   | 89.377   | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.559  | 63    | 67696    | 17.810   | ug/l   | 97       |
| 25) 2-Butanone               | 7.483  | 43    | 99701    | 96.122   | ug/l   | 95       |
| 26) 2,2-Dichloropropane      | 7.489  | 77    | 63984    | 18.931   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.489  | 96    | 40768    | 17.325   | ug/l   | 97       |
| 28) Bromochloromethane       | 7.812  | 49    | 30893    | 19.775   | ug/l   | 99       |
| 29) Tetrahydrofuran          | 7.836  | 42    | 61858    | 92.354   | ug/l   | 93       |
| 30) Chloroform               | 7.965  | 83    | 74614    | 18.784   | ug/l   | 94       |
| 31) Cyclohexane              | 8.253  | 56    | 56916    | 17.884   | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 8.165  | 97    | 69925    | 19.792   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 8.371  | 75    | 49790    | 19.670   | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.559  | 43    | 41962    | 20.144   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.359  | 117   | 65209    | 21.681   | ug/l   | 95       |
| 39) Methylcyclohexane        | 9.600  | 83    | 47214    | 18.986   | ug/l   | 91       |
| 40) Benzene                  | 8.606  | 78    | 157928   | 19.466   | ug/l   | 100      |

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 Sample : VN0314WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0314WBS01

Quant Time: Mar 15 00:00:48 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 19 03:43:32 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 21759    | 19.540  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 54892    | 20.772  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.683  | 43   | 71776    | 19.298  | ug/l   | 99       |
| 44) Trichloroethene           | 9.353  | 130  | 37458    | 18.804  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 37290    | 19.042  | ug/l   | 94       |
| 46) Dibromomethane            | 9.706  | 93   | 28059    | 20.313  | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.888  | 83   | 57801    | 19.558  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.677  | 41   | 30155    | 19.492  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 14185    | 482.174 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 206335   | 102.736 | ug/l   | 97       |
| 52) Toluene                   | 10.630 | 92   | 98087    | 20.625  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 56574    | 20.702  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 60106    | 20.058  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 37886    | 20.037  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 49841    | 19.959  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 61491    | 19.481  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 97269    | 107.578 | ug/l   | 98       |
| 59) 2-Hexanone                | 11.194 | 43   | 151031   | 109.311 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.359 | 129  | 46633    | 21.180  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 37436    | 20.954  | ug/l   | 97       |
| 64) Tetrachloroethene         | 11.100 | 164  | 36960    | 19.214  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.888 | 112  | 105594   | 18.564  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 40840    | 19.975  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.959 | 91   | 174786   | 19.616  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.071 | 106  | 142429   | 42.082  | ug/l   | 99       |
| 69) o-Xylene                  | 12.400 | 106  | 65620    | 20.403  | ug/l   | 99       |
| 70) Styrene                   | 12.412 | 104  | 112316   | 20.240  | ug/l   | 98       |
| 71) Bromoform                 | 12.576 | 173  | 33519    | 22.064  | ug/l # | 95       |
| 73) Isopropylbenzene          | 12.694 | 105  | 165327   | 18.547  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.494 | 43   | 55908    | 17.786  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 54300    | 17.703  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 70018    | 24.226  | ug/l   | 58       |
| 77) Bromobenzene              | 12.982 | 156  | 45733    | 18.990  | ug/l   | 99       |
| 78) n-propylbenzene           | 13.035 | 91   | 195289   | 19.130  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 126407   | 18.533  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.171 | 105  | 145571   | 20.048  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 18626    | 18.804  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 13.218 | 91   | 132025   | 19.525  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 116079   | 19.011  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.476 | 105  | 147725   | 20.564  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.612 | 105  | 165313   | 19.162  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 140320   | 19.059  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 84988    | 18.836  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 83917    | 18.147  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.053 | 91   | 111155   | 18.147  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.335 | 117  | 29274    | 17.917  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 79614    | 18.350  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 10877    | 19.311  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 37343    | 18.063  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 23209    | 18.472  | ug/l   | 94       |
| 95) Naphthalene               | 15.641 | 128  | 102561   | 18.070  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 38643    | 18.618  | ug/l   | 97       |

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Operator : JC\MD  
Sample : VN0314WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

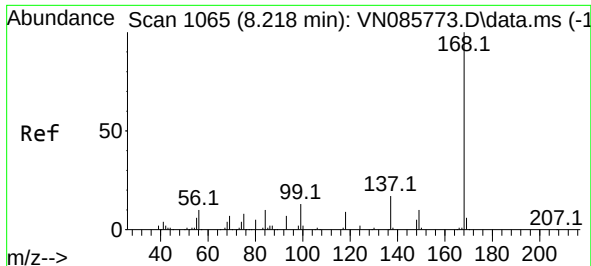
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

Quant Time: Mar 15 00:00:48 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021825W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 19 03:43:32 2025  
Response via : Initial Calibration

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

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

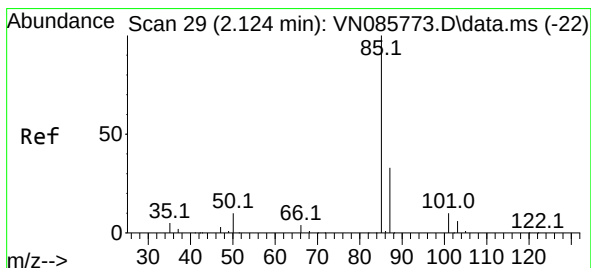
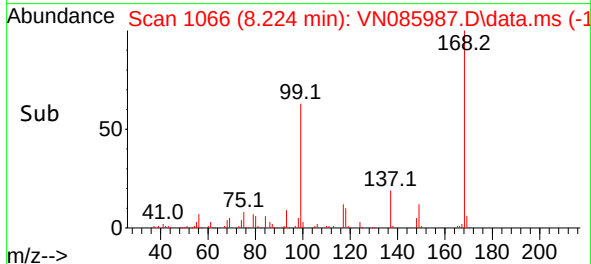
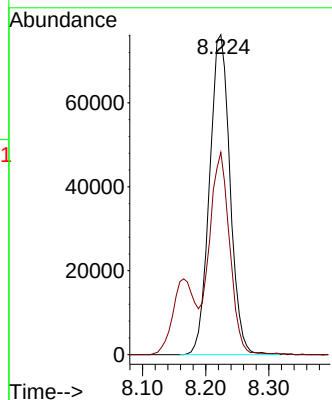
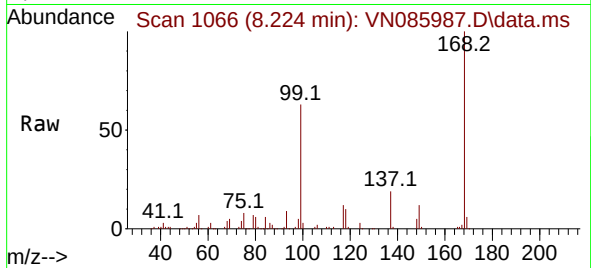




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

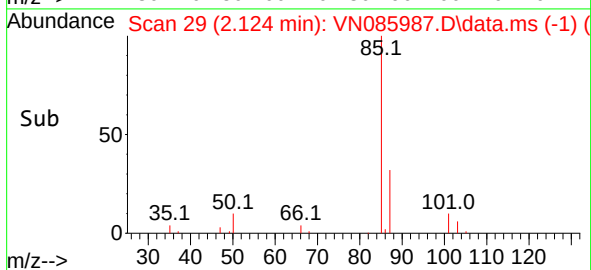
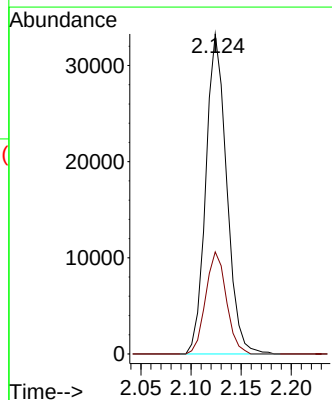
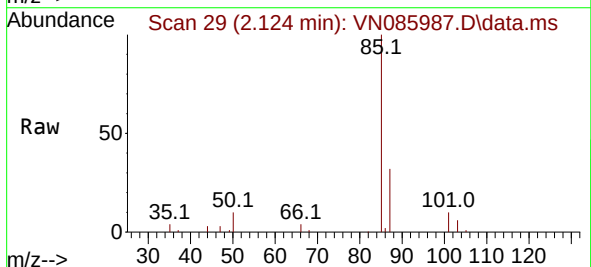
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

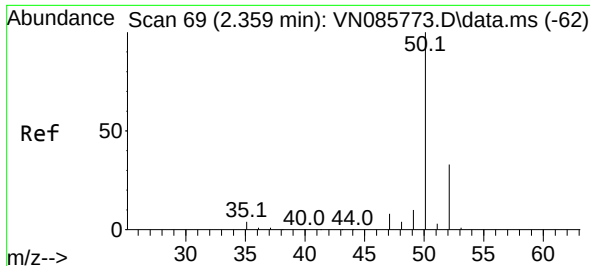
Tgt Ion:168 Resp: 171865  
Ion Ratio Lower Upper  
168 100  
99 63.0 47.9 71.9



#2  
Dichlorodifluoromethane  
Concen: 20.569 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion: 85 Resp: 48084  
Ion Ratio Lower Upper  
85 100  
87 31.9 16.4 49.2

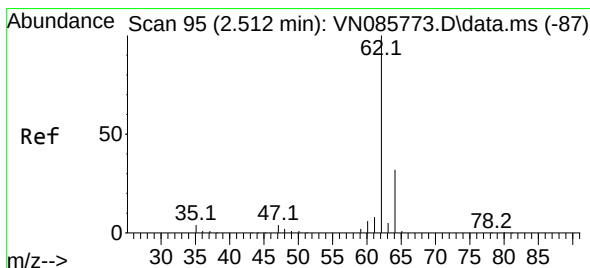
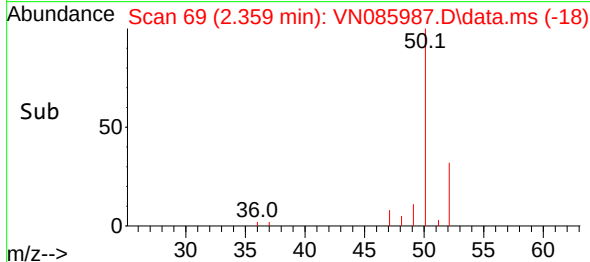
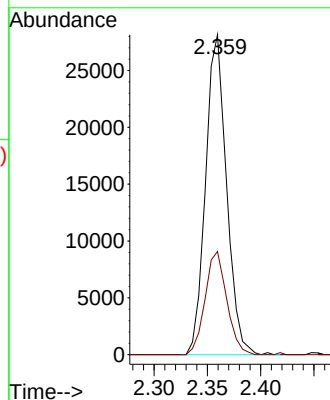
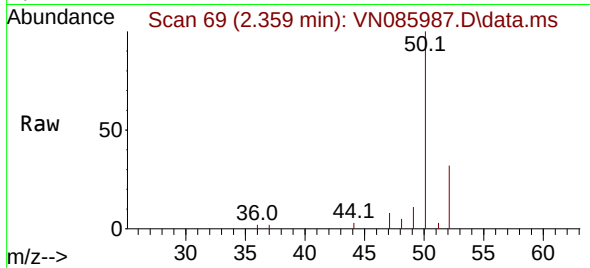




#3  
Chloromethane  
Concen: 16.444 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

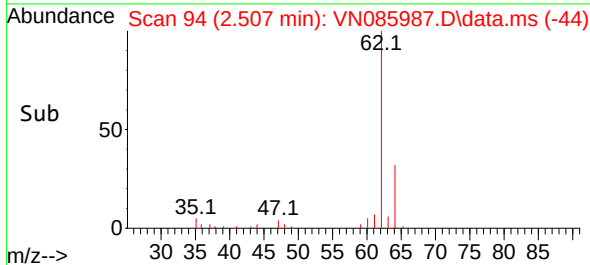
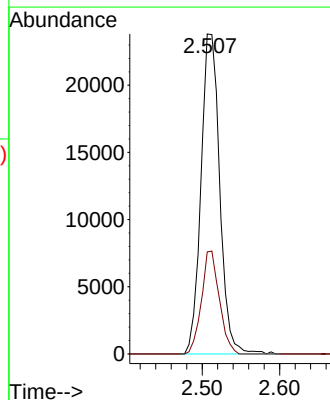
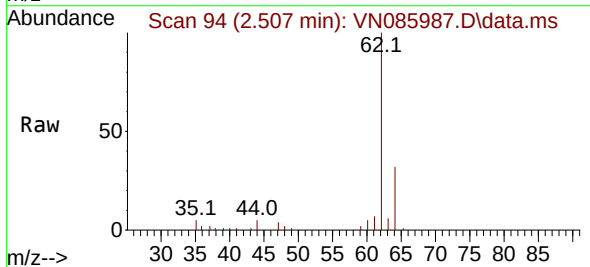
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

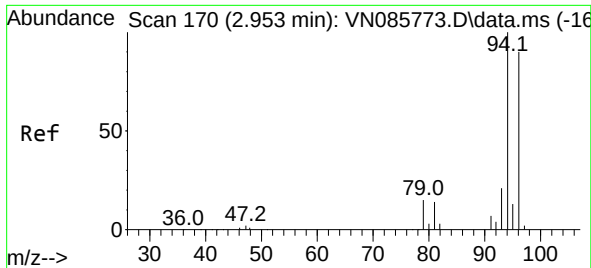
Tgt Ion: 50 Resp: 38574  
Ion Ratio Lower Upper  
50 100  
52 32.3 26.7 40.1



#4  
Vinyl Chloride  
Concen: 16.101 ug/l  
RT: 2.507 min Scan# 94  
Delta R.T. -0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion: 62 Resp: 39990  
Ion Ratio Lower Upper  
62 100  
64 31.9 25.9 38.9

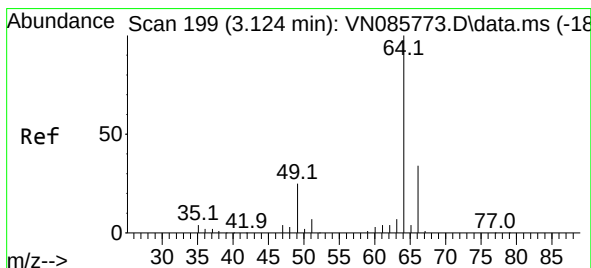
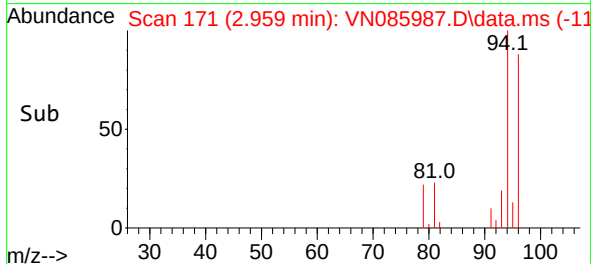
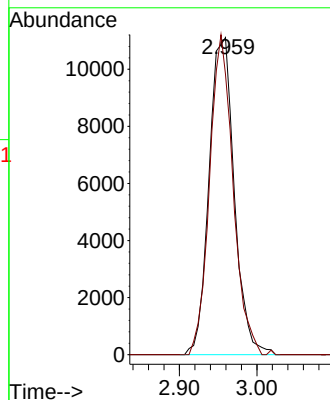
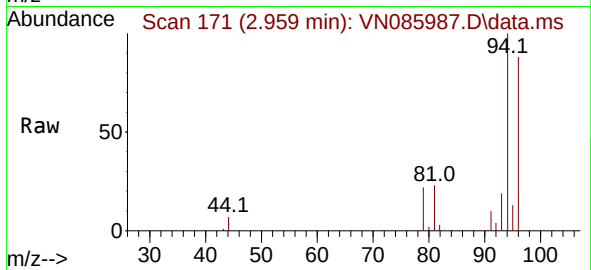




#5  
Bromomethane  
Concen: 15.848 ug/l  
RT: 2.959 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

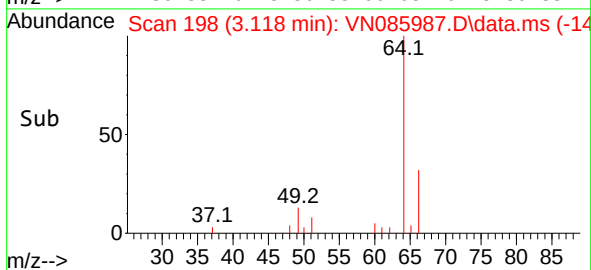
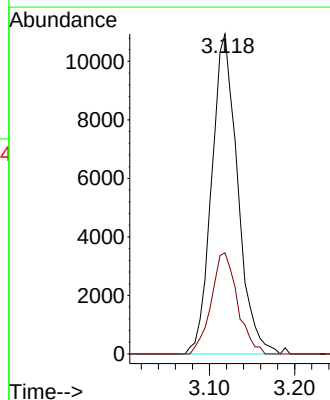
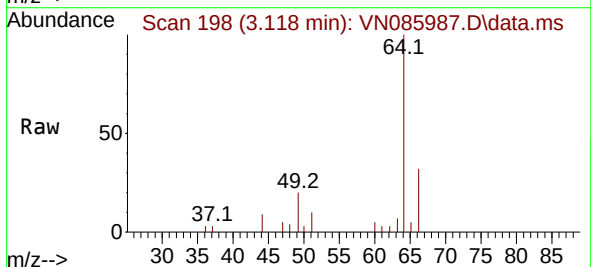
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

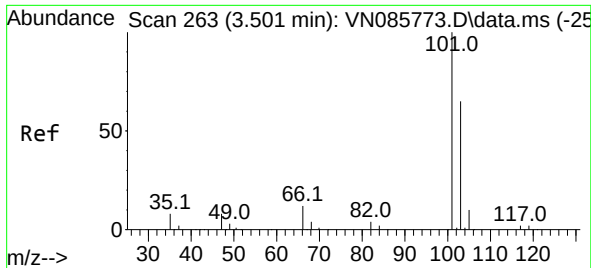
Tgt Ion: 94 Resp: 25169  
Ion Ratio Lower Upper  
94 100  
96 88.4 71.7 107.5



#6  
Chloroethane  
Concen: 14.110 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. -0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion: 64 Resp: 23214  
Ion Ratio Lower Upper  
64 100  
66 31.6 27.0 40.6

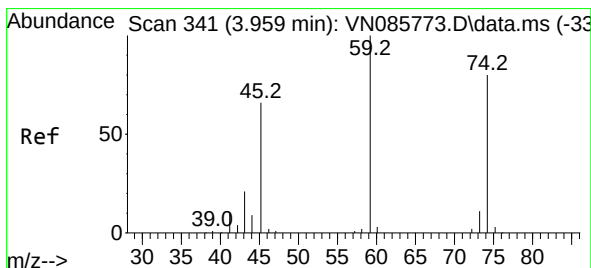
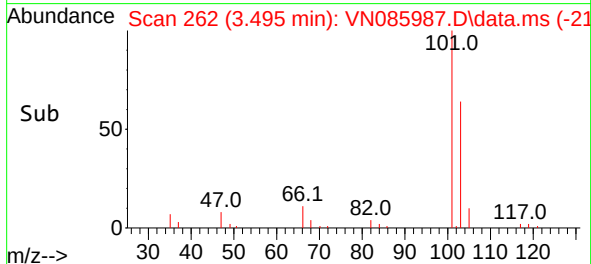
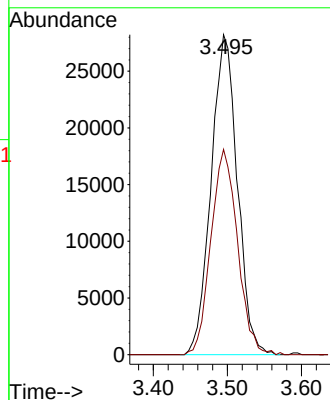
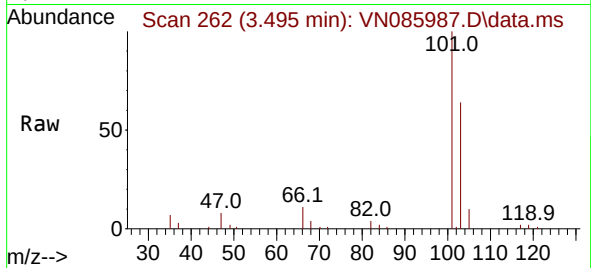




#7  
Trichlorofluoromethane  
Concen: 19.324 ug/l  
RT: 3.495 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

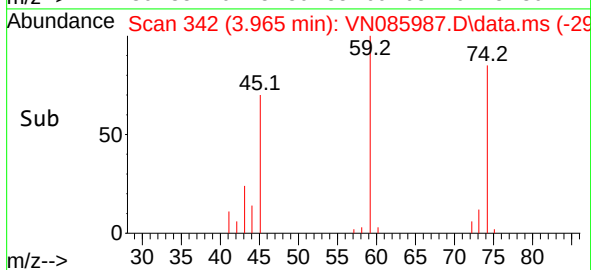
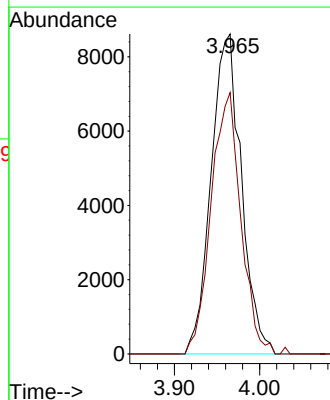
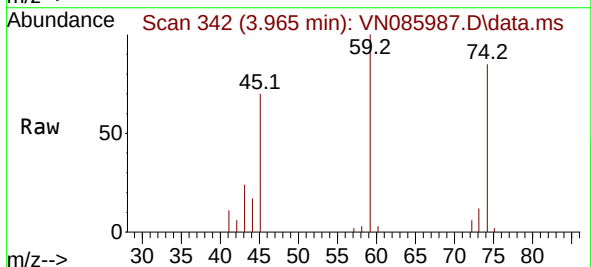
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

Tgt Ion:101 Resp: 69488  
Ion Ratio Lower Upper  
101 100  
103 64.1 52.2 78.4

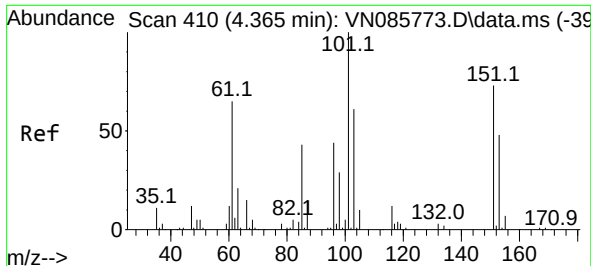


#8  
Diethyl Ether  
Concen: 18.287 ug/l  
RT: 3.965 min Scan# 342  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion: 74 Resp: 21277  
Ion Ratio Lower Upper  
74 100  
45 80.0 42.5 127.6



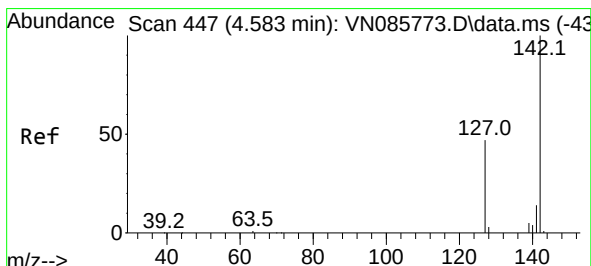
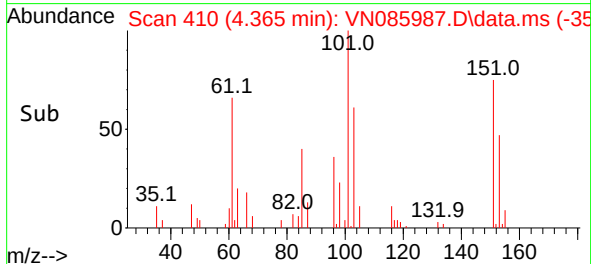
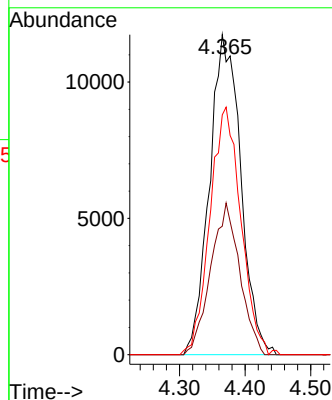
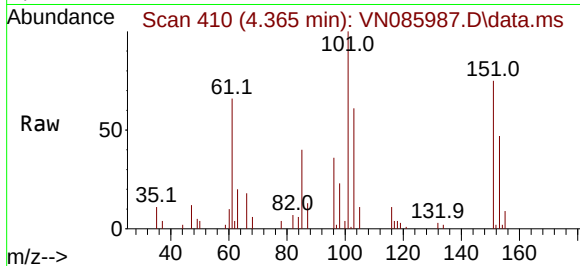




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.686 ug/l  
RT: 4.365 min Scan# 410  
Delta R.T. 0.000 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

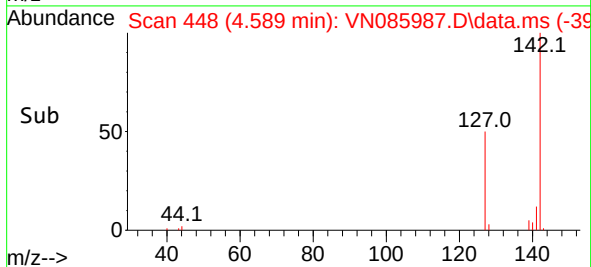
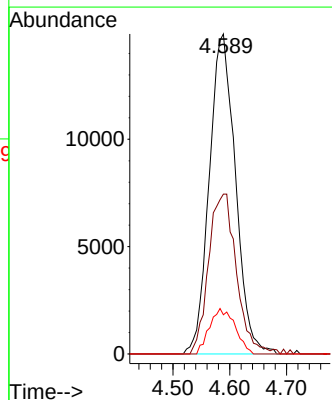
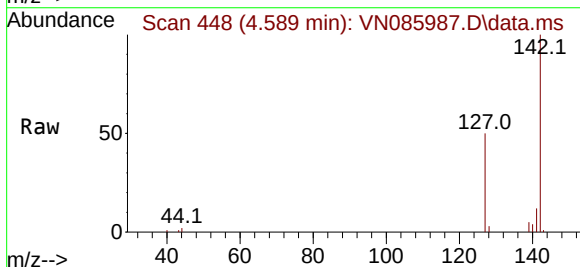
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

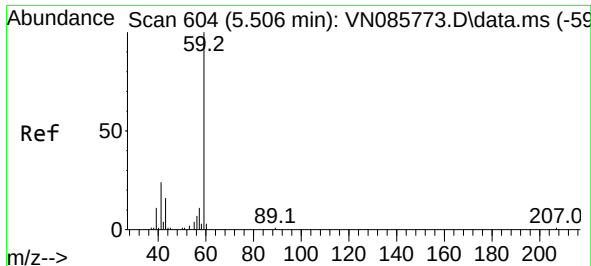
Tgt Ion:101 Resp: 38842  
Ion Ratio Lower Upper  
101 100  
85 44.2 35.7 53.5  
151 76.6 61.4 92.2



#10  
Methyl Iodide  
Concen: 18.610 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion:142 Resp: 47685  
Ion Ratio Lower Upper  
142 100  
127 50.0 37.6 56.4  
141 12.3 11.4 17.2

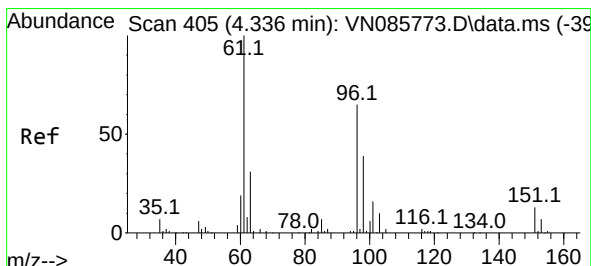
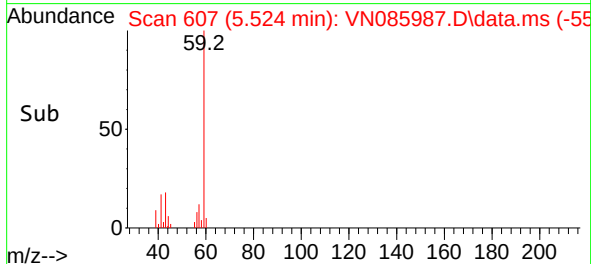
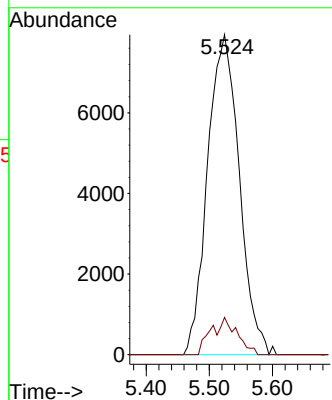
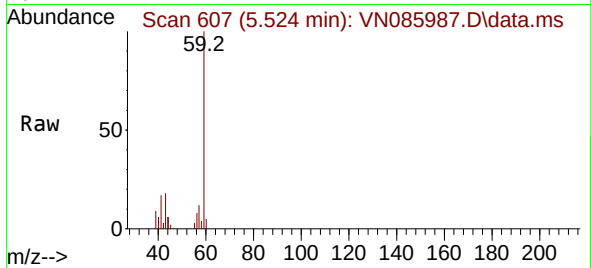




#11  
Tert butyl alcohol  
Concen: 101.164 ug/l  
RT: 5.524 min Scan# 604  
Delta R.T. 0.018 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

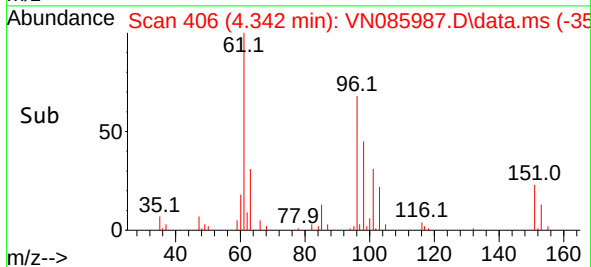
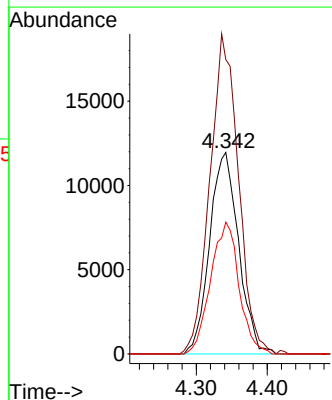
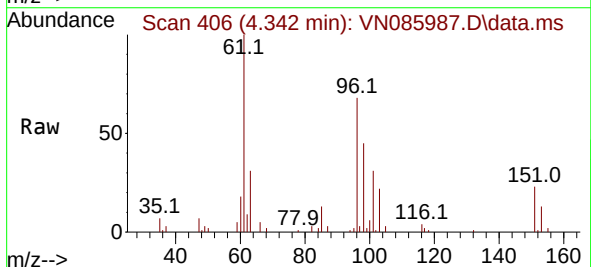
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

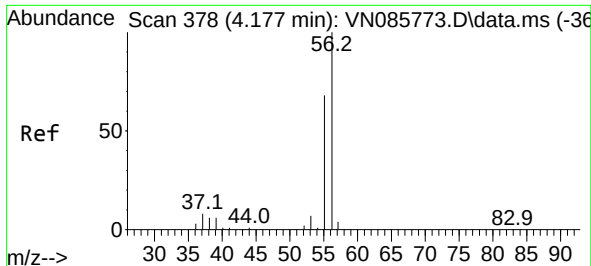
Tgt Ion: 59 Resp: 27724  
Ion Ratio Lower Upper  
59 100  
57 6.2 8.3 12.5#



#12  
1,1-Dichloroethene  
Concen: 17.972 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion: 96 Resp: 33872  
Ion Ratio Lower Upper  
96 100  
61 146.1 123.3 184.9  
98 65.5 48.6 72.8





#13

Acrolein

Concen: 52.060 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

Instrument :

MSVOA\_N

ClientSampleId :

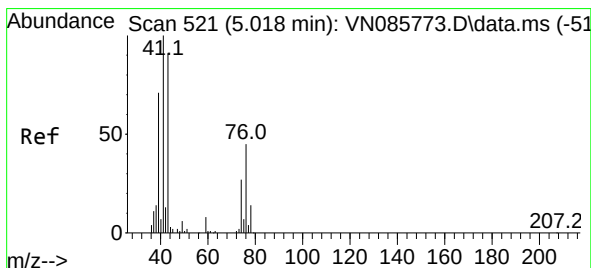
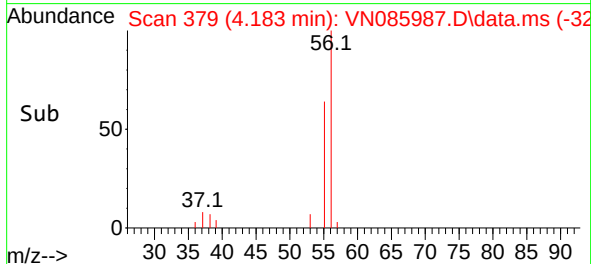
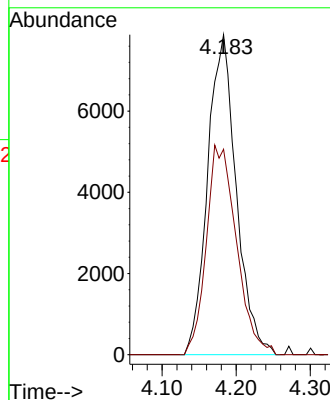
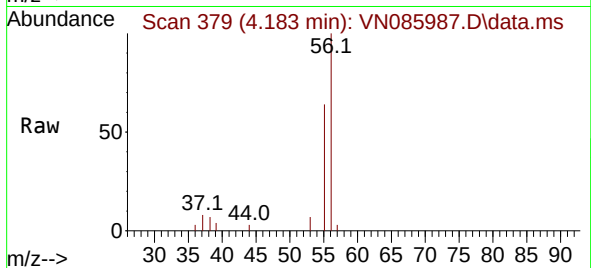
VN0314WBS01

Tgt Ion: 56 Resp: 21157

Ion Ratio Lower Upper

56 100

55 68.8 55.3 82.9



#14

Allyl chloride

Concen: 16.366 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

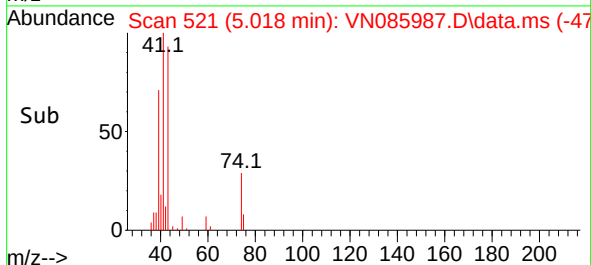
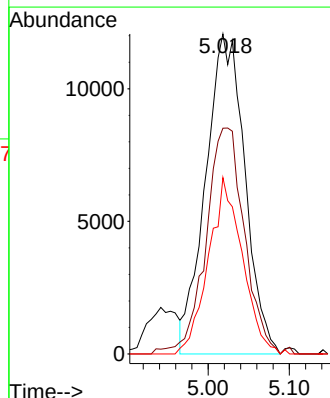
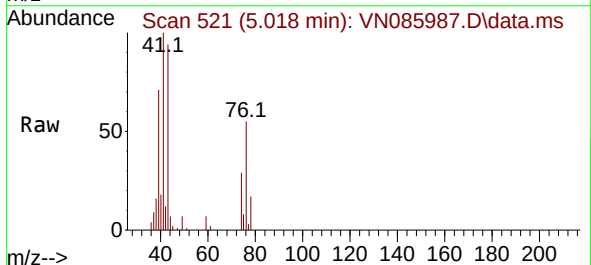
Tgt Ion: 41 Resp: 40497

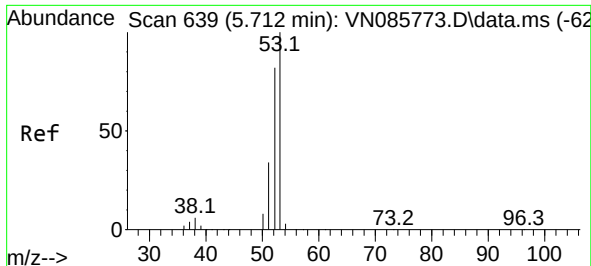
Ion Ratio Lower Upper

41 100

39 69.2 57.4 86.2

76 47.5 36.2 54.2

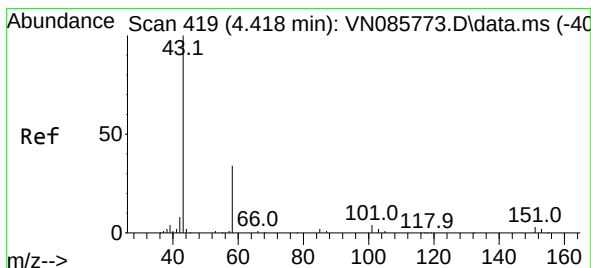
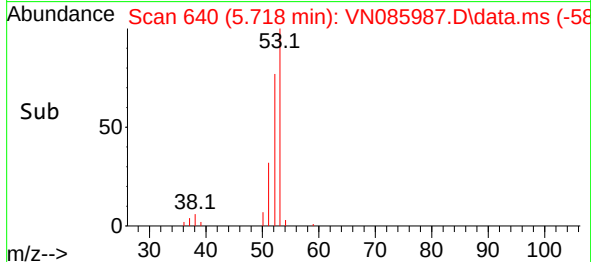
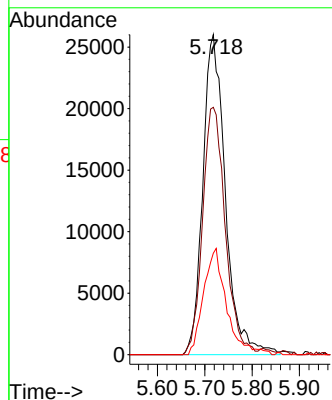
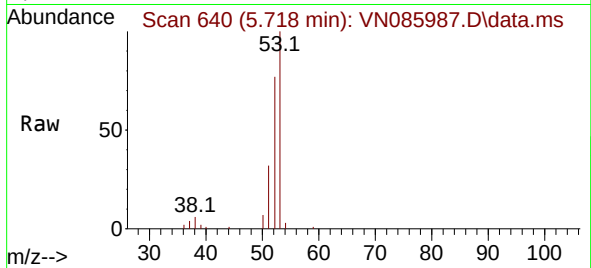




#15  
Acrylonitrile  
Concen: 96.661 ug/l  
RT: 5.718 min Scan# 641  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

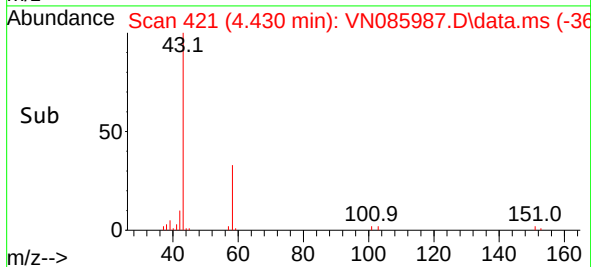
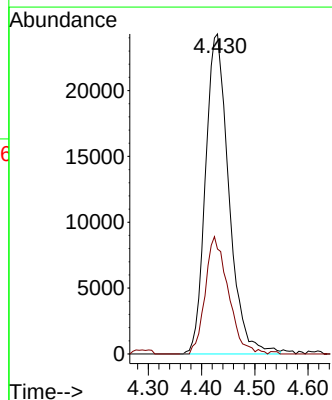
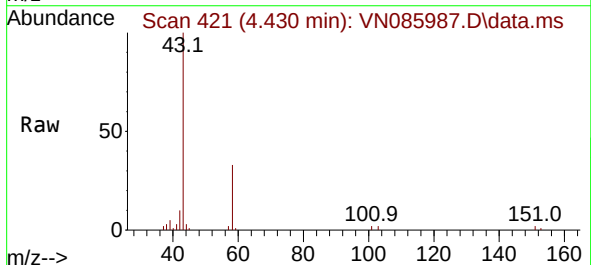
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

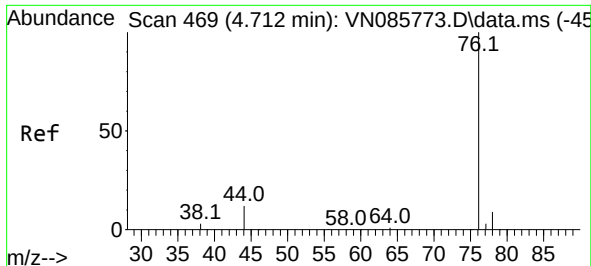
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 86116 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 77.8  | 65.8  | 98.6  |
| 51       | 33.9  | 28.6  | 42.8  |



#16  
Acetone  
Concen: 104.977 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.012 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 74012 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 32.8  | 27.5  | 41.3  |

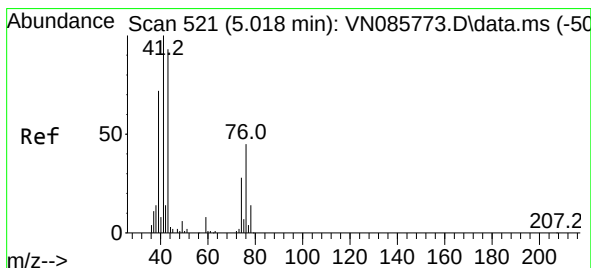
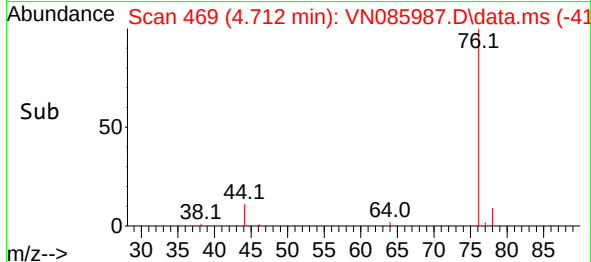
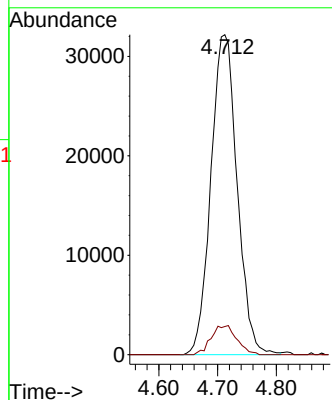
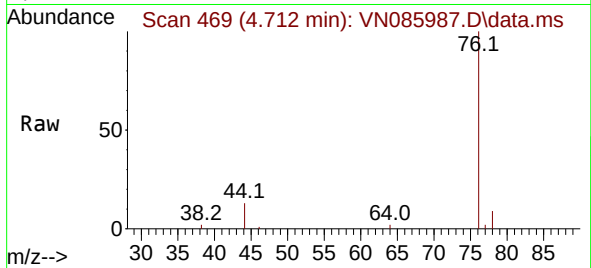




#17  
Carbon Disulfide  
Concen: 17.872 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.000 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

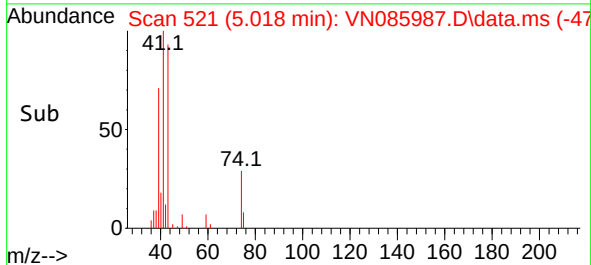
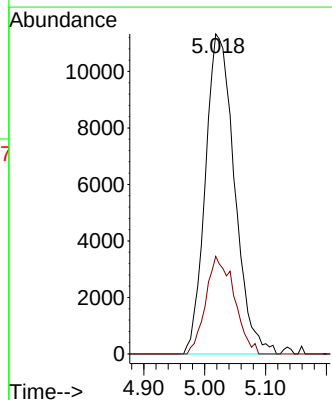
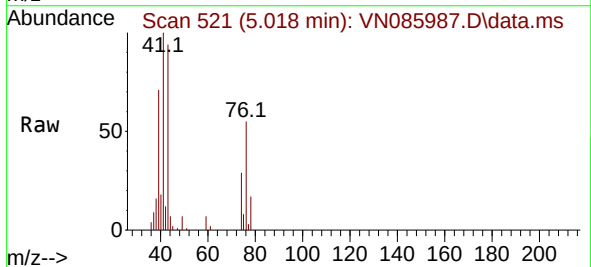
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

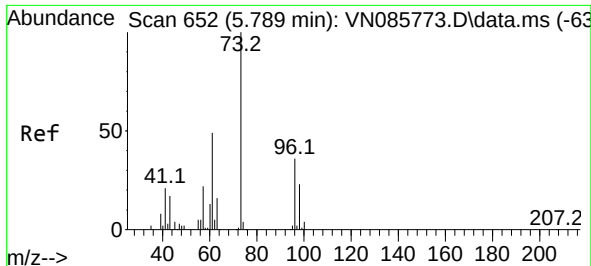
Tgt Ion: 76 Resp: 99830  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.4 11.0



#18  
Methyl Acetate  
Concen: 15.534 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion: 43 Resp: 37670  
Ion Ratio Lower Upper  
43 100  
74 29.8 22.2 33.4

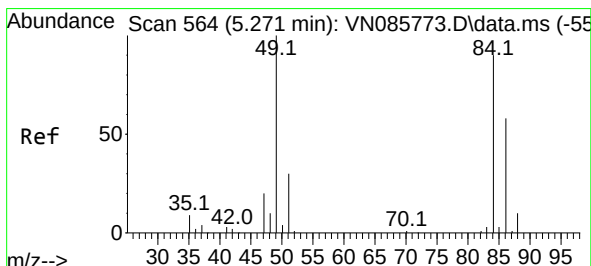
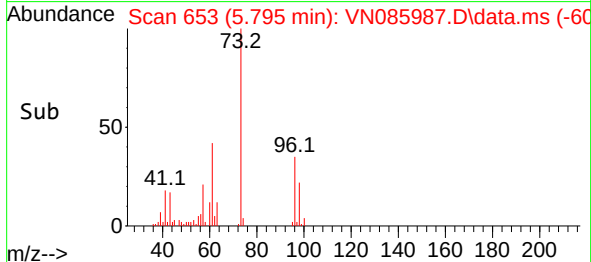
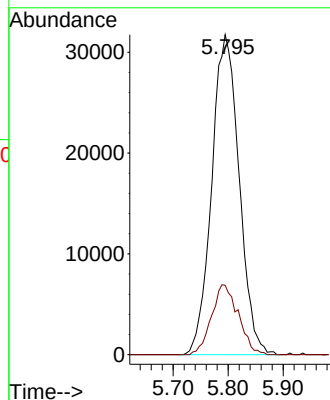
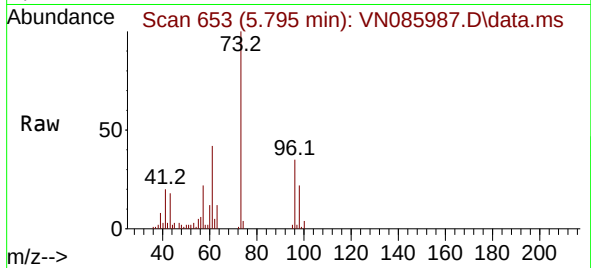




#19  
Methyl tert-butyl Ether  
Concen: 19.642 ug/l  
RT: 5.795 min Scan# 611  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

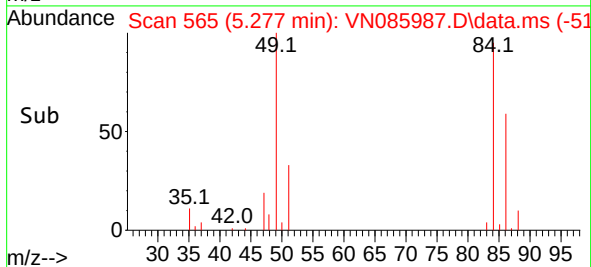
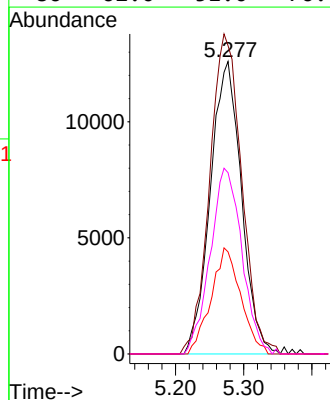
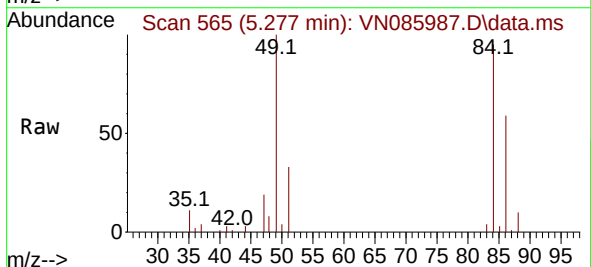
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

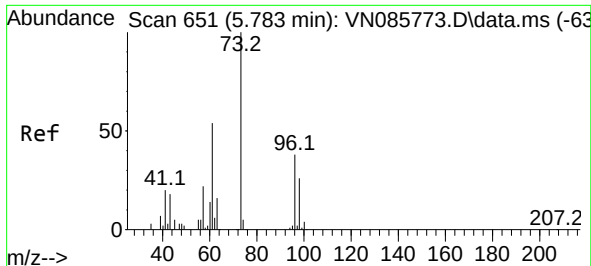
Tgt Ion: 73 Resp: 110005  
Ion Ratio Lower Upper  
73 100  
57 21.7 17.6 26.4



#20  
Methylene Chloride  
Concen: 17.636 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion: 84 Resp: 39987  
Ion Ratio Lower Upper  
84 100  
49 105.4 88.4 132.6  
51 34.9 26.6 40.0  
86 62.0 51.0 76.6

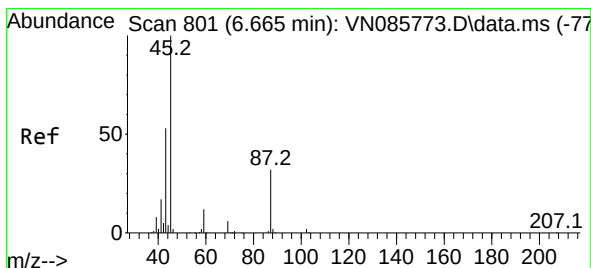
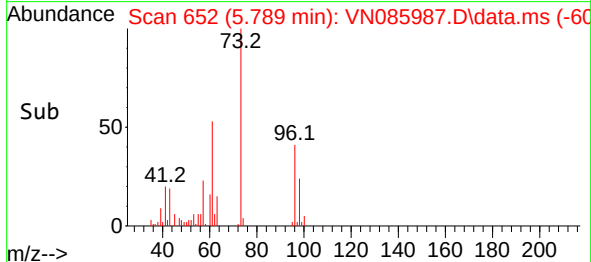
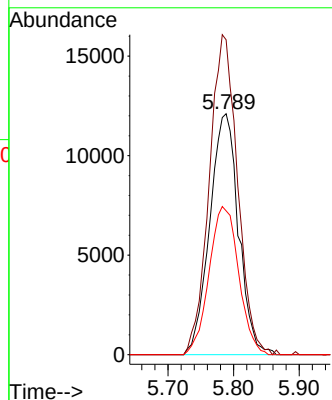
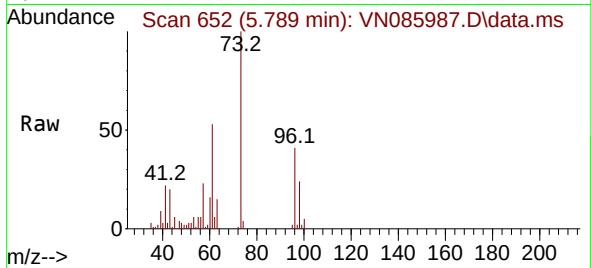




#21  
trans-1,2-Dichloroethene  
Concen: 18.194 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

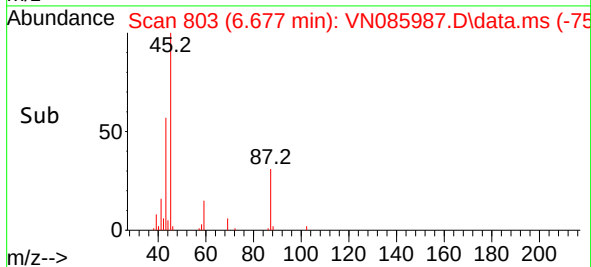
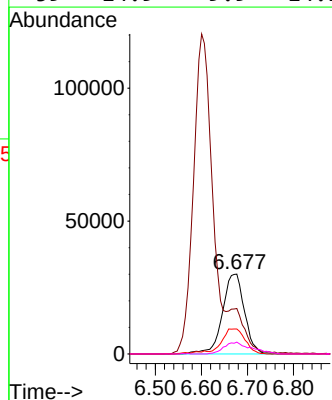
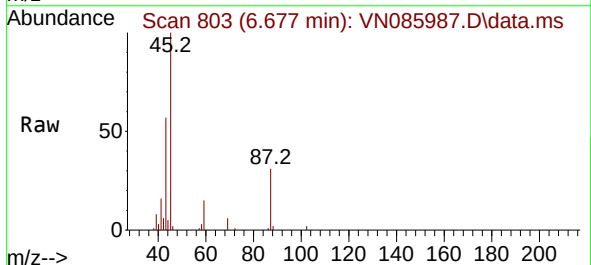
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

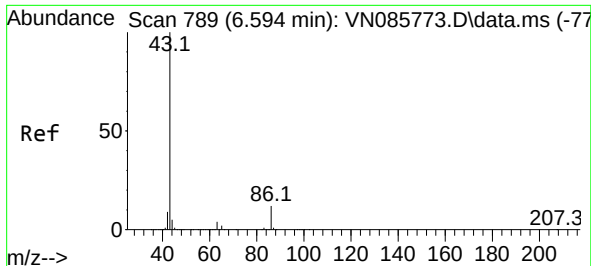
Tgt Ion: 96 Resp: 36924  
Ion Ratio Lower Upper  
96 100  
61 130.6 112.6 168.8  
98 59.7 53.3 79.9



#22  
Diisopropyl ether  
Concen: 17.766 ug/l  
RT: 6.677 min Scan# 803  
Delta R.T. 0.012 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion: 45 Resp: 99339  
Ion Ratio Lower Upper  
45 100  
43 55.2 42.6 64.0  
87 31.3 25.8 38.8  
59 14.9 9.9 14.9#

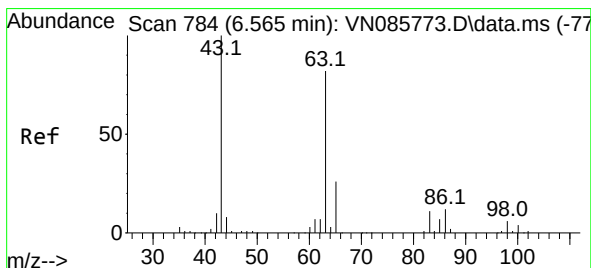
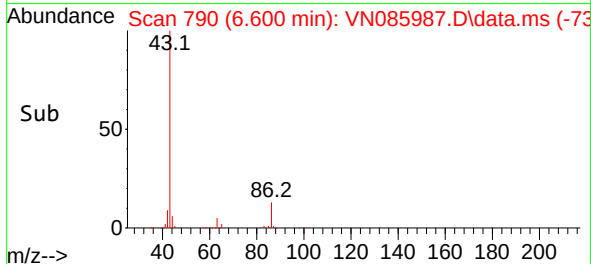
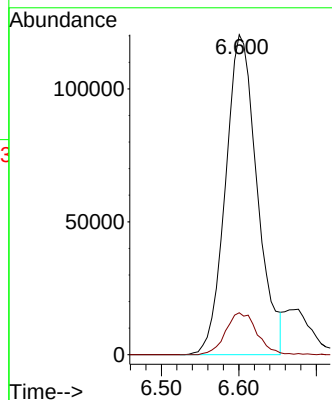
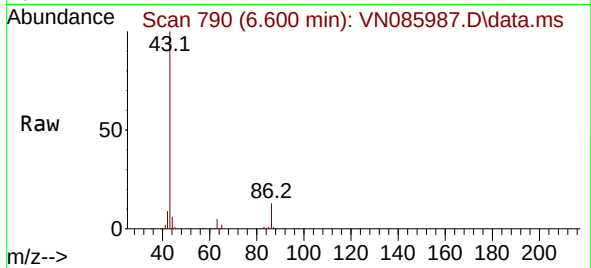




#23  
 Vinyl Acetate  
 Concen: 89.377 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.006 min  
 Lab File: VN085987.D  
 Acq: 14 Mar 2025 13:48

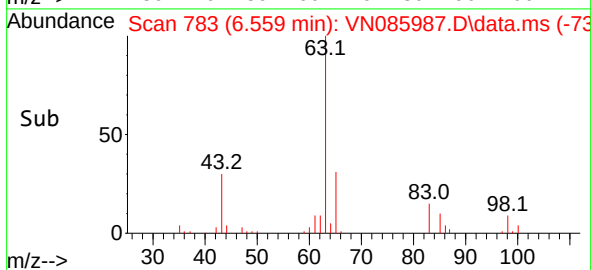
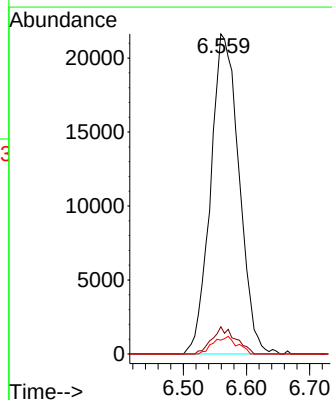
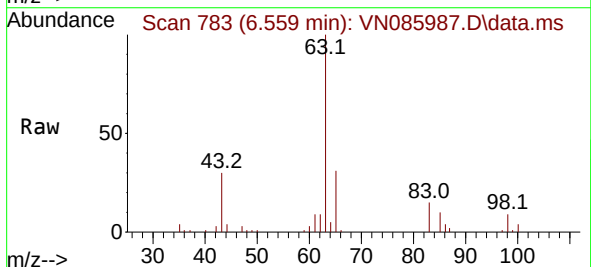
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0314WBS01

Tgt Ion: 43 Resp: 342176  
 Ion Ratio Lower Upper  
 43 100  
 86 13.1 9.8 14.8

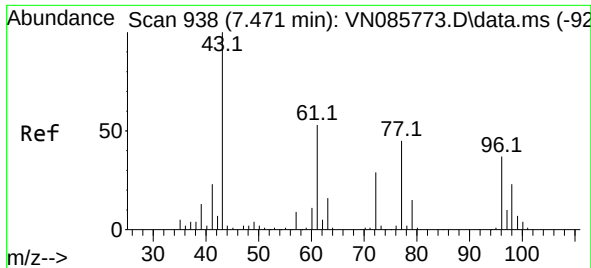


#24  
 1,1-Dichloroethane  
 Concen: 17.810 ug/l  
 RT: 6.559 min Scan# 783  
 Delta R.T. -0.006 min  
 Lab File: VN085987.D  
 Acq: 14 Mar 2025 13:48

Tgt Ion: 63 Resp: 67696  
 Ion Ratio Lower Upper  
 63 100  
 98 8.5 3.5 10.4  
 100 4.3 2.4 7.2



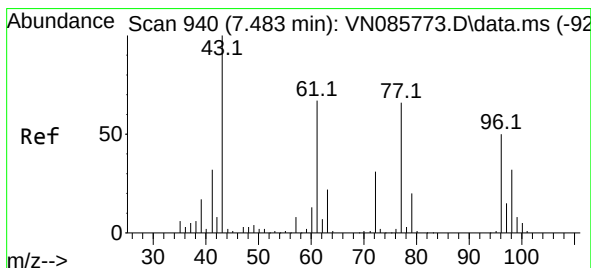
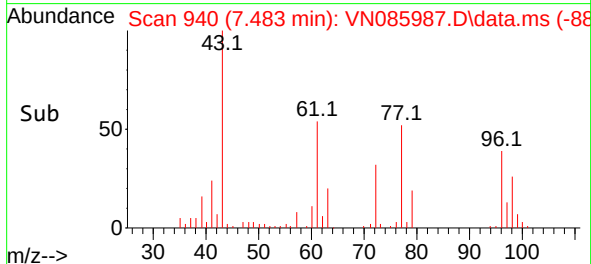
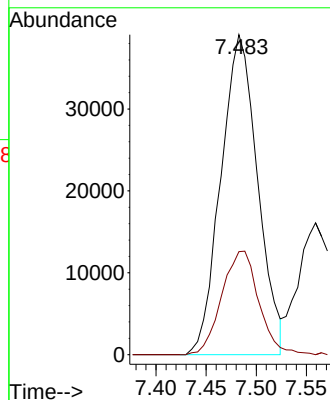
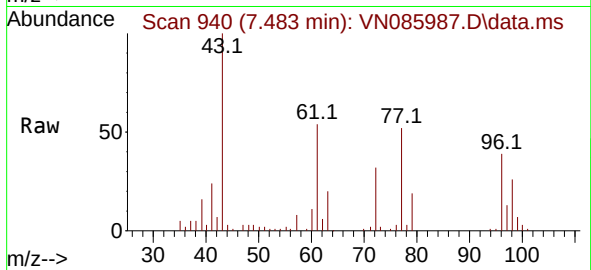




#25  
2-Butanone  
Concen: 96.122 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.012 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

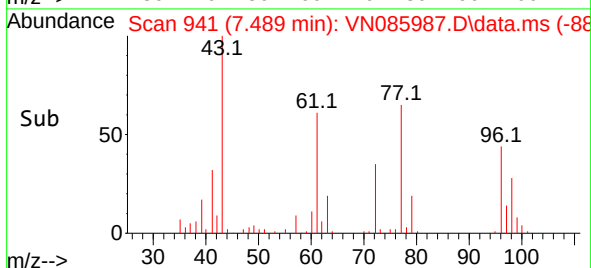
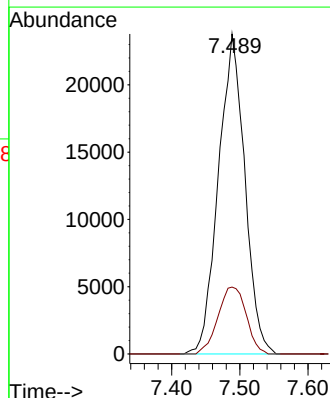
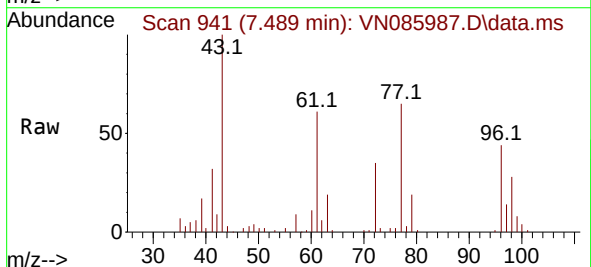
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

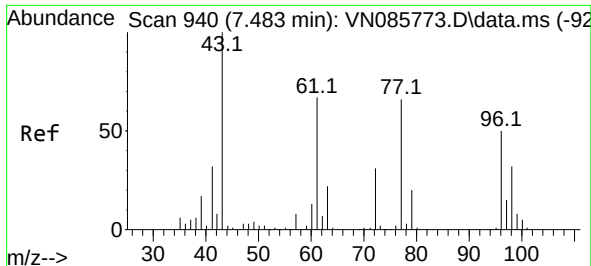
Tgt Ion: 43 Resp: 99701  
Ion Ratio Lower Upper  
43 100  
72 32.2 23.6 35.4



#26  
2,2-Dichloropropane  
Concen: 18.931 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion: 77 Resp: 63984  
Ion Ratio Lower Upper  
77 100  
97 22.4 11.3 33.8

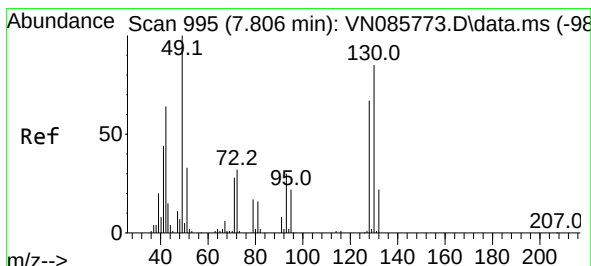
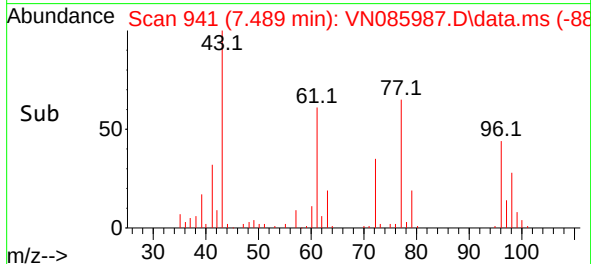
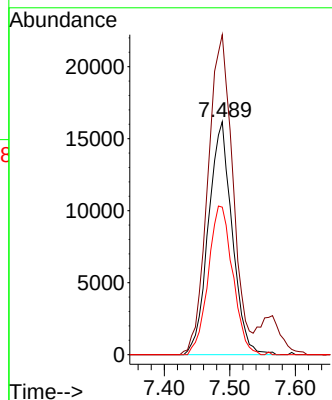
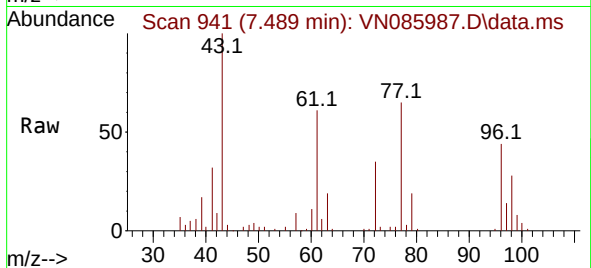




#27  
 cis-1,2-Dichloroethene  
 Concen: 17.325 ug/l  
 RT: 7.489 min Scan# 941  
 Delta R.T. 0.006 min  
 Lab File: VN085987.D  
 Acq: 14 Mar 2025 13:48

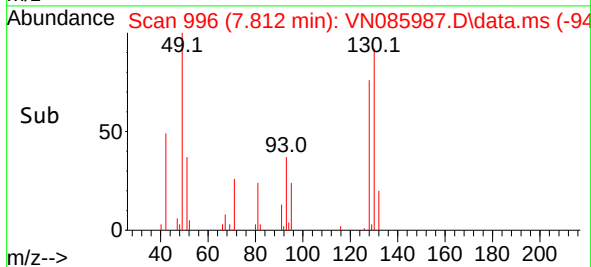
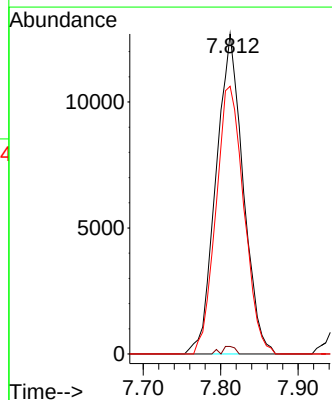
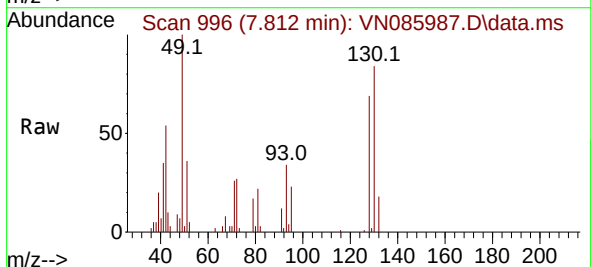
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0314WBS01

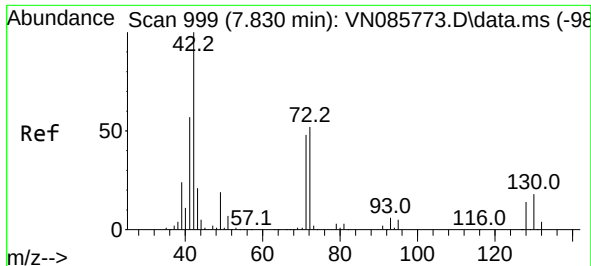
|             |             |       |       |
|-------------|-------------|-------|-------|
| Tgt Ion: 96 | Resp: 40768 |       |       |
| Ion         | Ratio       | Lower | Upper |
| 96          | 100         |       |       |
| 61          | 144.3       | 0.0   | 280.6 |
| 98          | 65.5        | 0.0   | 128.6 |



#28  
 Bromochloromethane  
 Concen: 19.775 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.006 min  
 Lab File: VN085987.D  
 Acq: 14 Mar 2025 13:48

|             |             |
|-------------|-------------|
| Tgt Ion: 49 | Resp: 30893 |
| Ion Ratio   | Lower Upper |
| 49 100      |             |
| 129 1.2     | 0.0 3.8     |
| 130 86.3    | 68.0 102.0  |





#29

Tetrahydrofuran

Concen: 92.354 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

Instrument :

MSVOA\_N

ClientSampleId :

VN0314WBS01

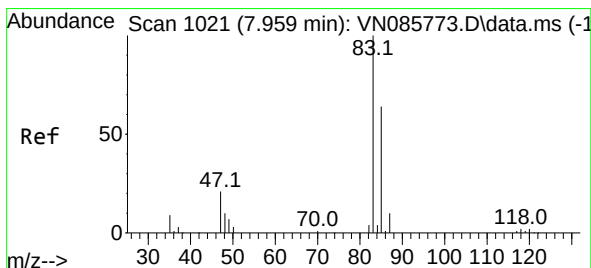
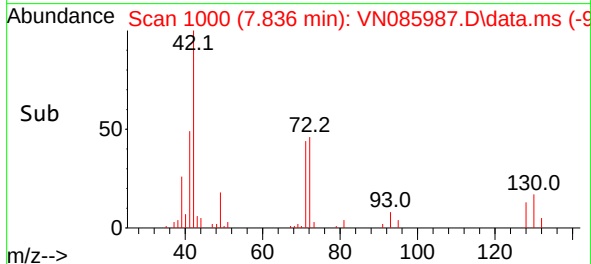
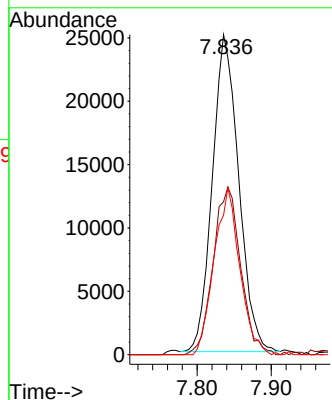
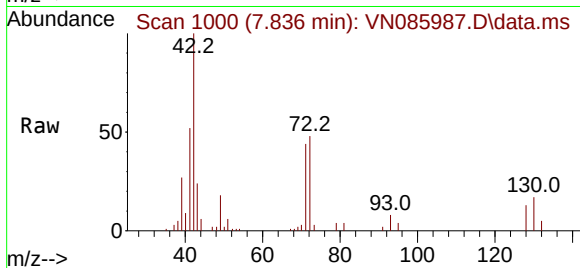
Tgt Ion: 42 Resp: 61858

Ion Ratio Lower Upper

42 100

72 55.1 40.0 60.0

71 51.2 37.0 55.4



#30

Chloroform

Concen: 18.784 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085987.D

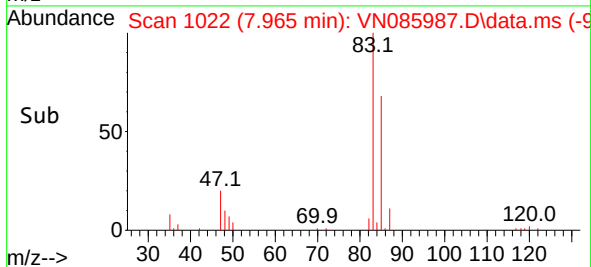
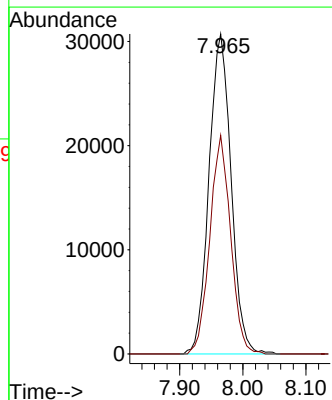
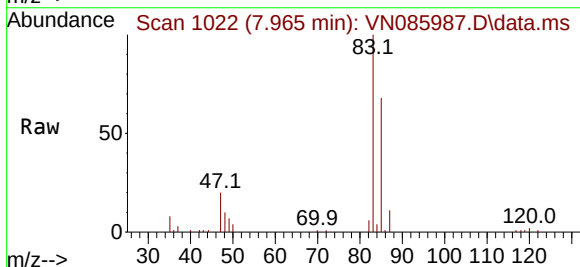
Acq: 14 Mar 2025 13:48

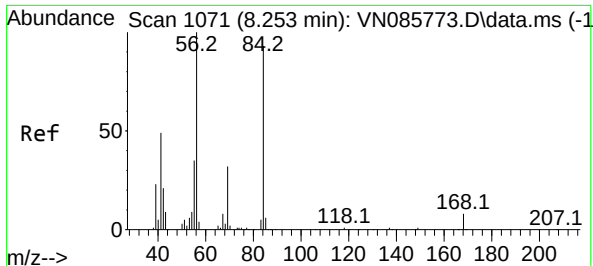
Tgt Ion: 83 Resp: 74614

Ion Ratio Lower Upper

83 100

85 68.3 50.9 76.3

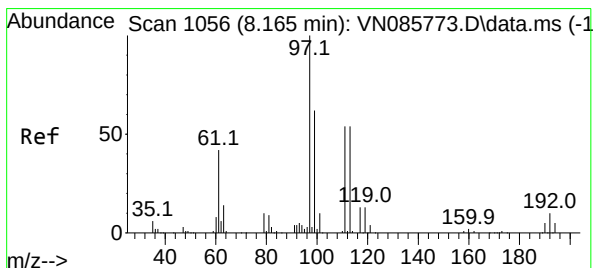
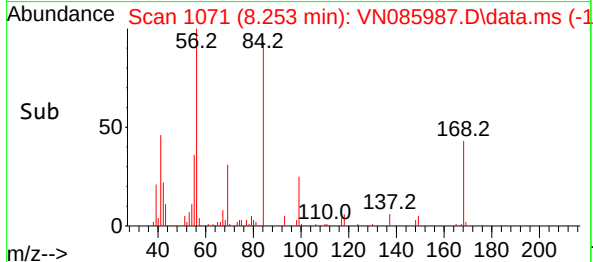
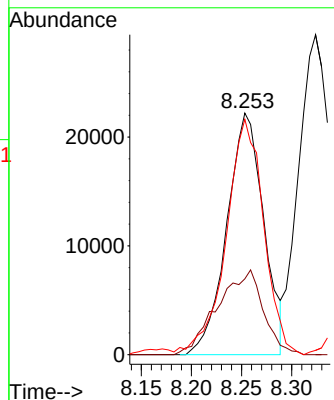
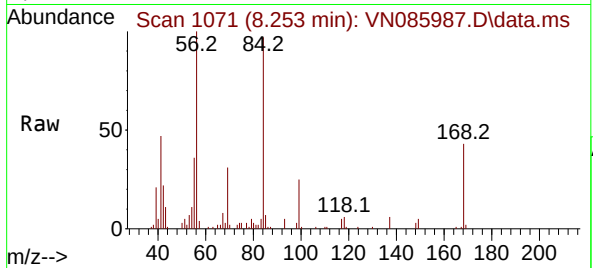




#31  
Cyclohexane  
Concen: 17.884 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. 0.000 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

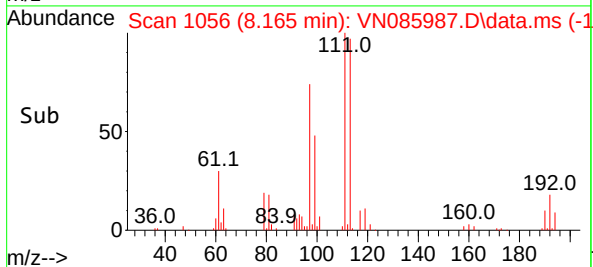
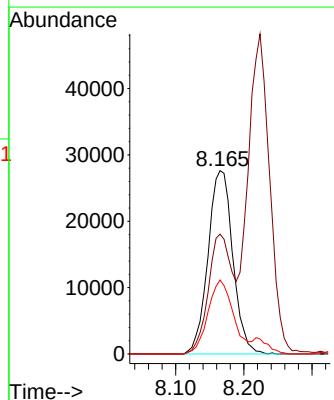
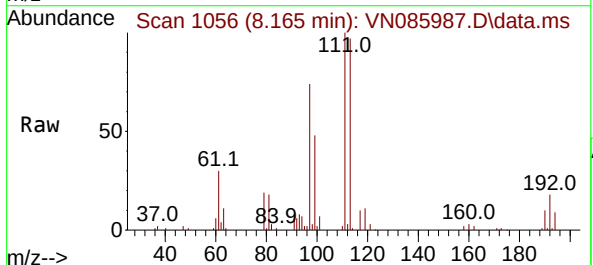
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

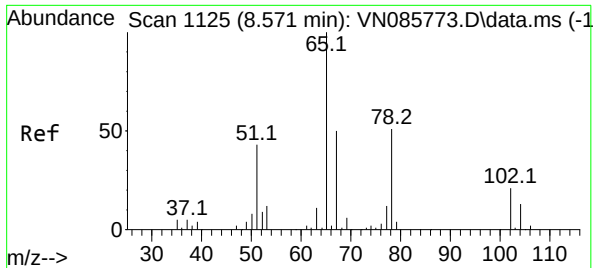
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 56    | Resp: | 56916 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 30.2  | 25.8  | 38.6  |
| 84        | 94.5  | 74.5  | 111.7 |



#32  
1,1,1-Trichloroethane  
Concen: 19.792 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 97    | Resp: | 69925 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 63.3  | 50.4  | 75.6  |
| 61        | 41.1  | 35.5  | 53.3  |





#33

1,2-Dichloroethane-d4

Concen: 48.157 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

Instrument :

MSVOA\_N

ClientSampleId :

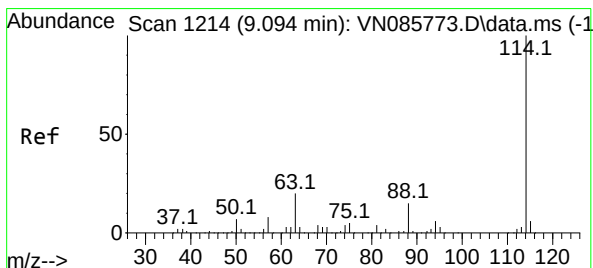
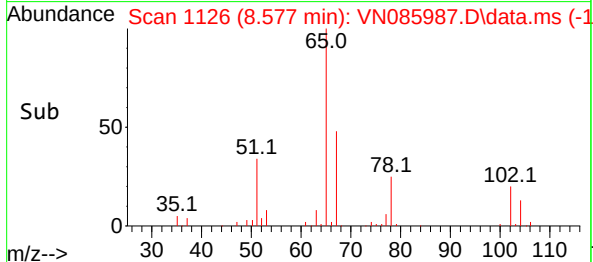
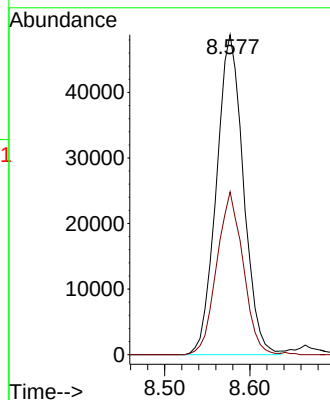
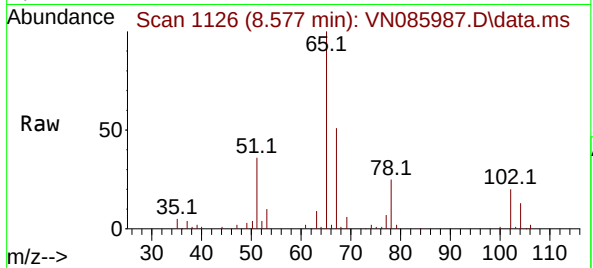
VN0314WBS01

Tgt Ion: 65 Resp: 107303

Ion Ratio Lower Upper

65 100

67 49.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

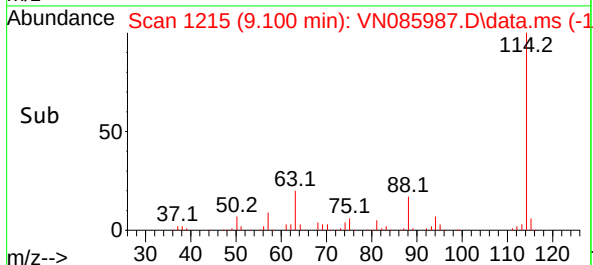
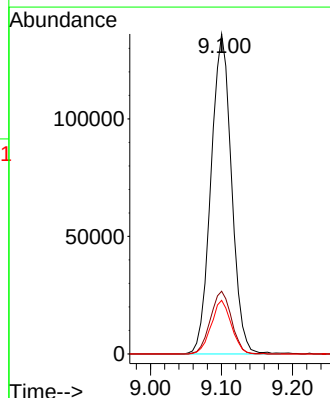
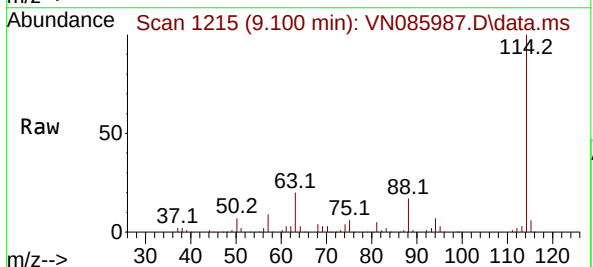
Tgt Ion: 114 Resp: 273333

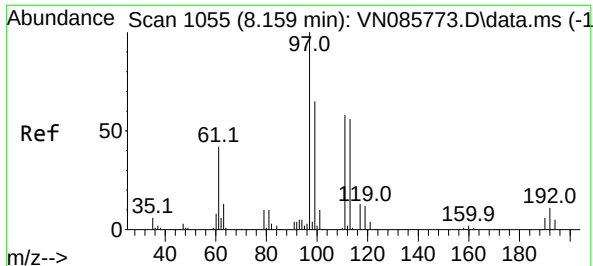
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 16.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.452 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

Instrument :

MSVOA\_N

ClientSampleId :

VN0314WBS01

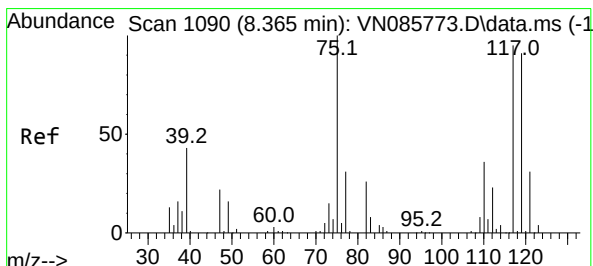
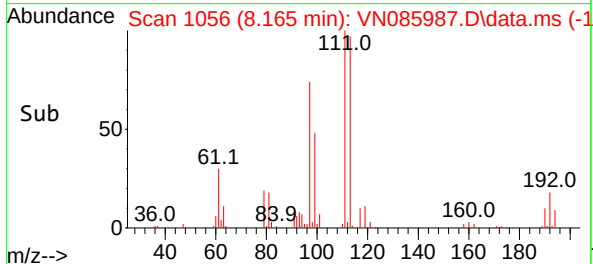
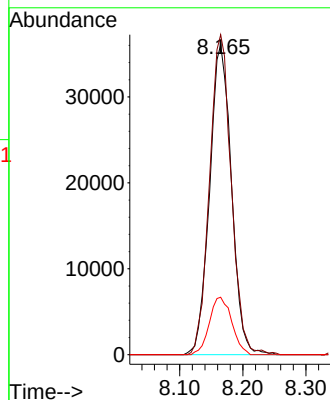
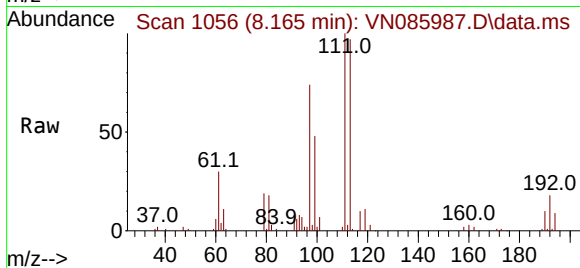
Tgt Ion:113 Resp: 86659

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 19.0 14.7 22.1



#36

1,1-Dichloropropene

Concen: 19.670 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

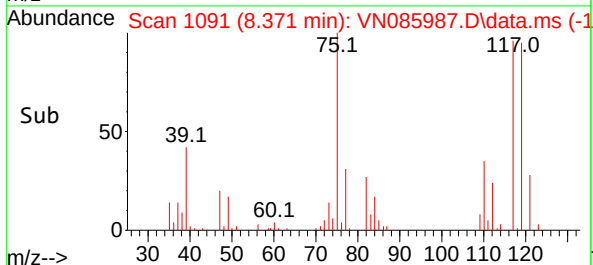
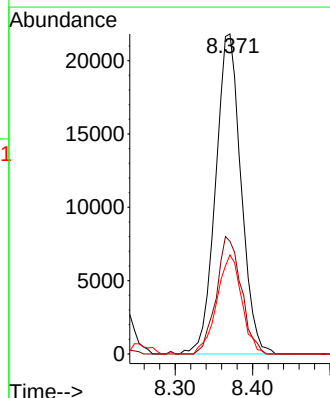
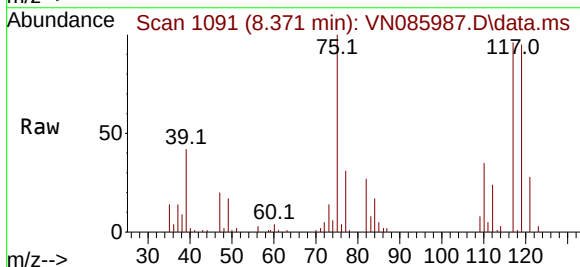
Tgt Ion: 75 Resp: 49790

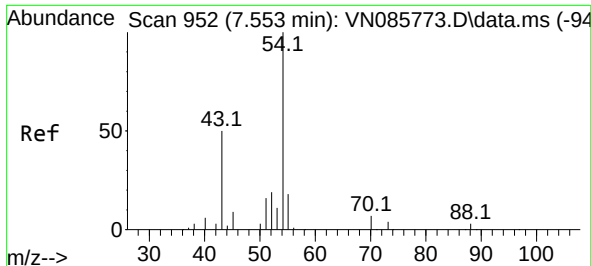
Ion Ratio Lower Upper

75 100

110 35.9 17.3 52.0

77 30.2 24.6 37.0

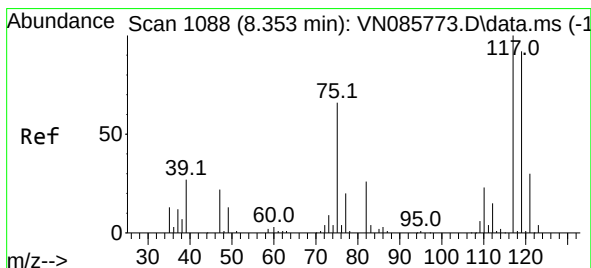
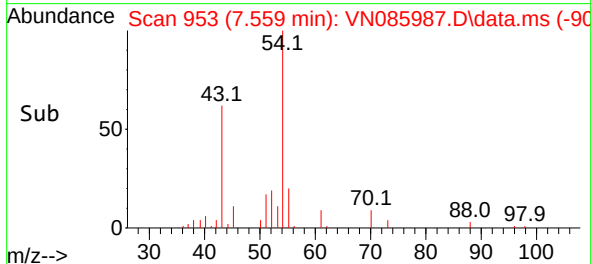
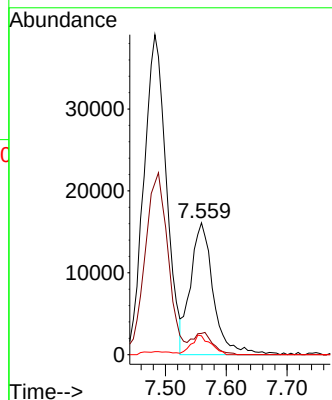
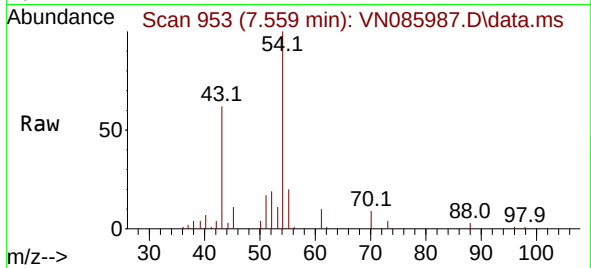




#37  
Ethyl Acetate  
Concen: 20.144 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

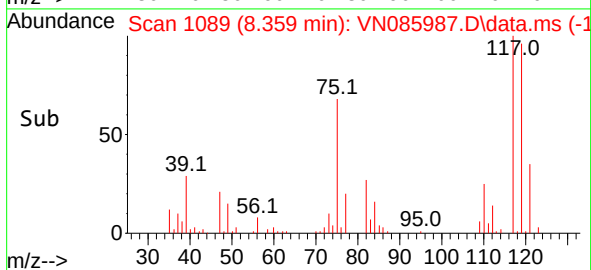
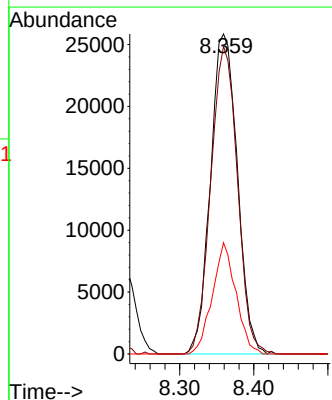
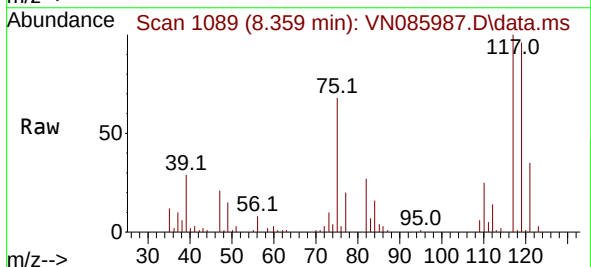
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

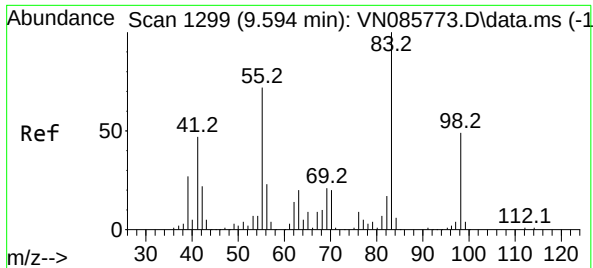
Tgt Ion: 43 Resp: 41962  
Ion Ratio Lower Upper  
43 100  
61 15.0 12.2 18.2  
70 12.4 9.5 14.3



#38  
Carbon Tetrachloride  
Concen: 21.681 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion: 117 Resp: 65209  
Ion Ratio Lower Upper  
117 100  
119 96.2 73.8 110.6  
121 34.8 24.3 36.5





#39

Methylcyclohexane

Concen: 18.986 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

Instrument :

MSVOA\_N

ClientSampleId :

VN0314WBS01

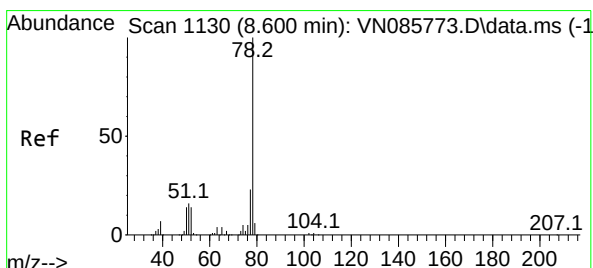
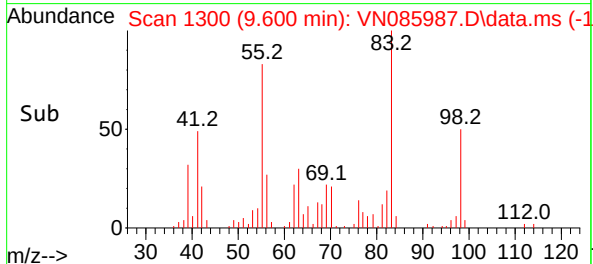
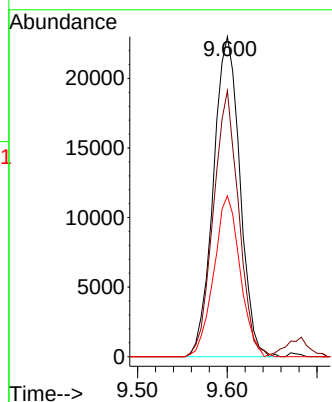
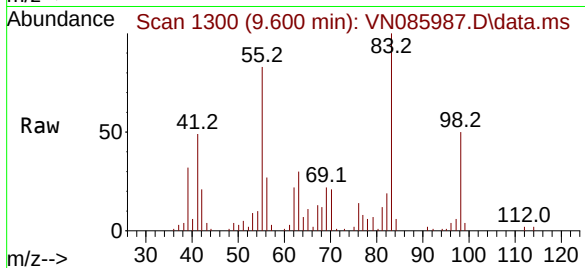
Tgt Ion: 83 Resp: 47214

Ion Ratio Lower Upper

83 100

55 83.1 57.5 86.3

98 50.2 39.2 58.8



#40

Benzene

Concen: 19.466 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085987.D

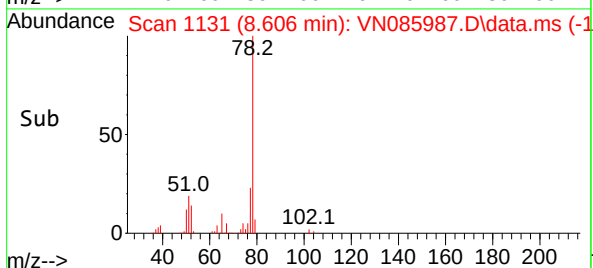
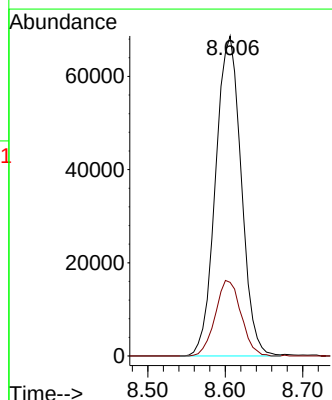
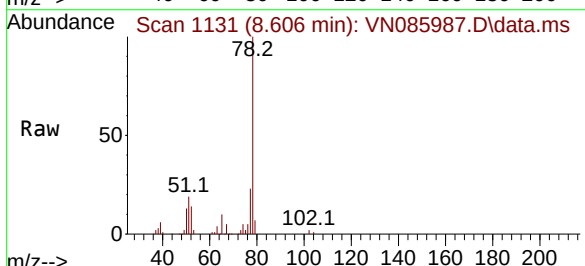
Acq: 14 Mar 2025 13:48

Tgt Ion: 78 Resp: 157928

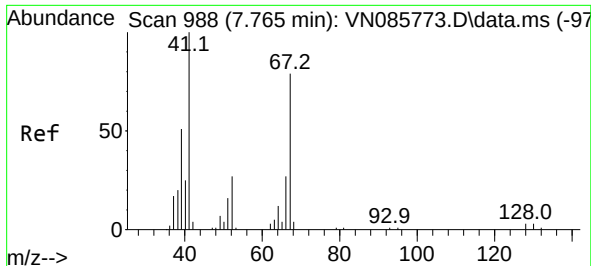
Ion Ratio Lower Upper

78 100

77 23.0 18.3 27.5



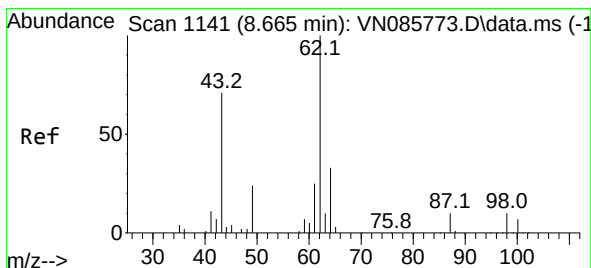
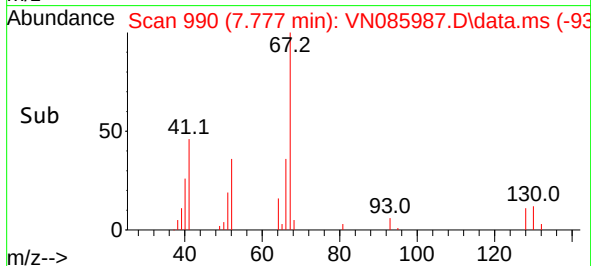
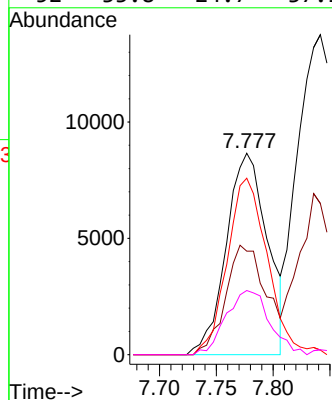
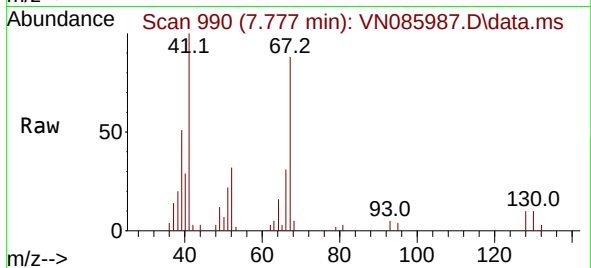




#41  
Methacrylonitrile  
Concen: 19.540 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

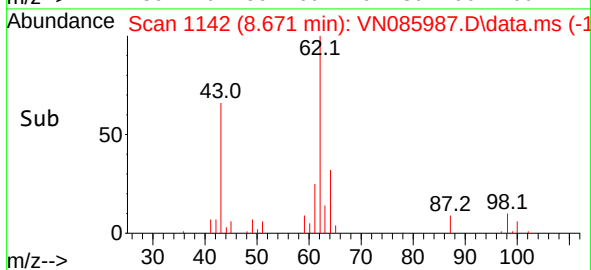
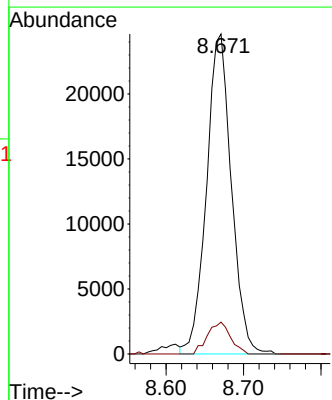
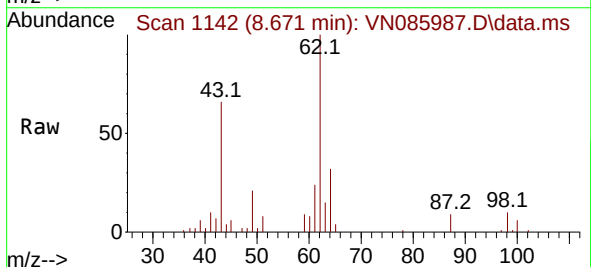
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

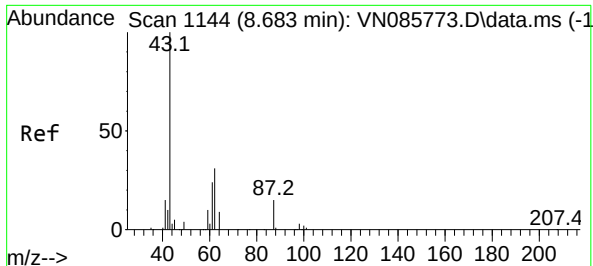
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 21759 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.4  | 42.0  | 63.0  |
| 67       | 86.0  | 64.2  | 96.4  |
| 52       | 33.8  | 24.7  | 37.1  |



#42  
1,2-Dichloroethane  
Concen: 20.772 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 54892 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.2   | 0.0   | 19.6  |

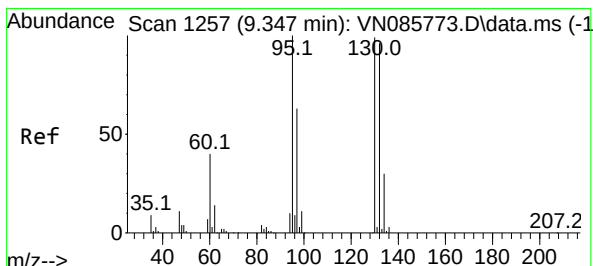
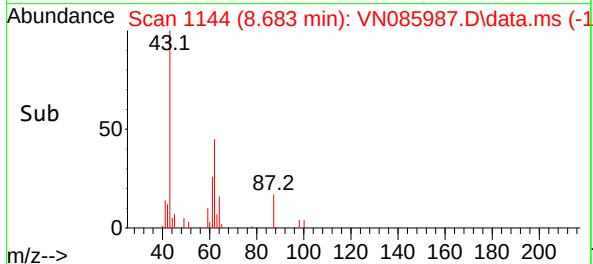
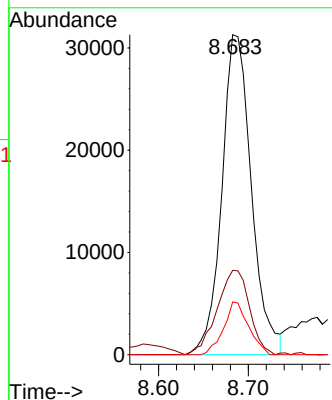
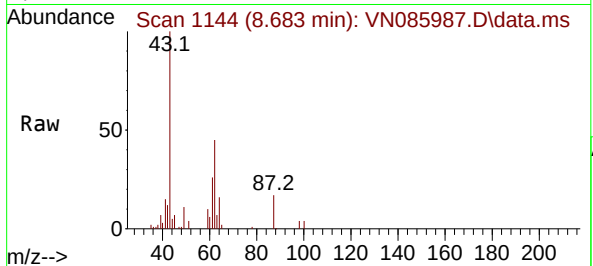




#43  
Isopropyl Acetate  
Concen: 19.298 ug/l  
RT: 8.683 min Scan# 1144  
Delta R.T. -0.000 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

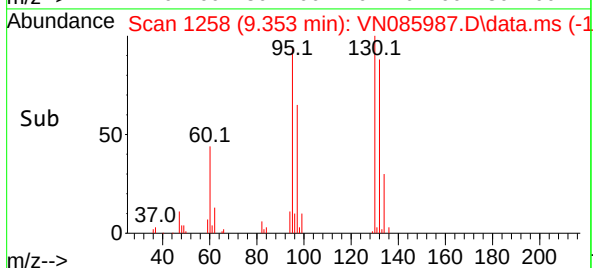
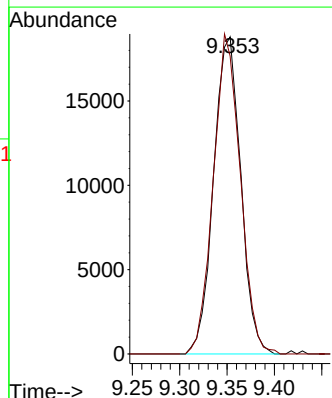
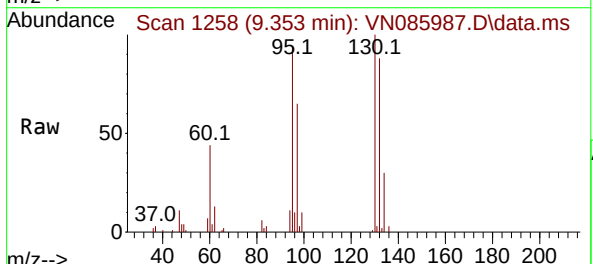
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

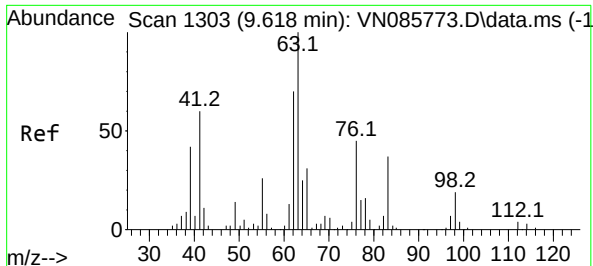
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 71776 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 28.9  | 22.6  | 34.0  |
| 87       | 13.9  | 11.8  | 17.8  |



#44  
Trichloroethene  
Concen: 18.804 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 37458 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 93.9  | 0.0   | 202.6 |





#45

1,2-Dichloropropane

Concen: 19.042 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

Instrument :

MSVOA\_N

ClientSampleId :

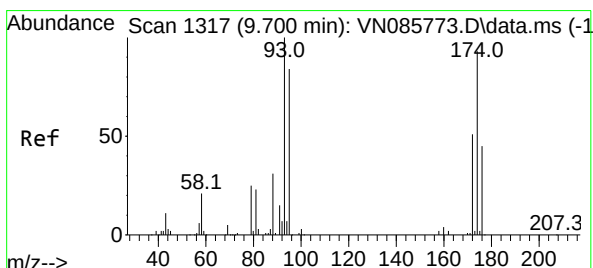
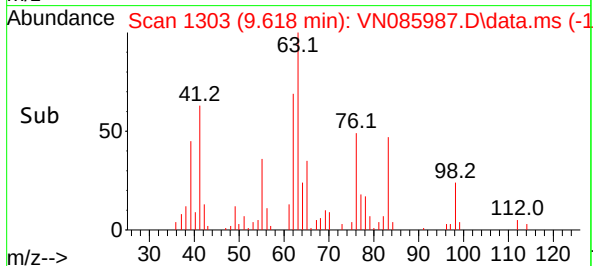
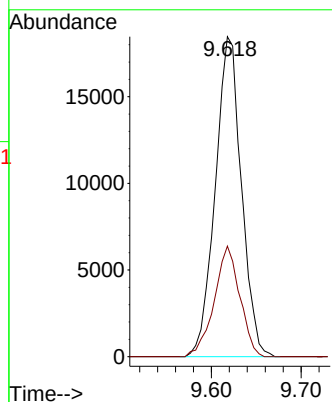
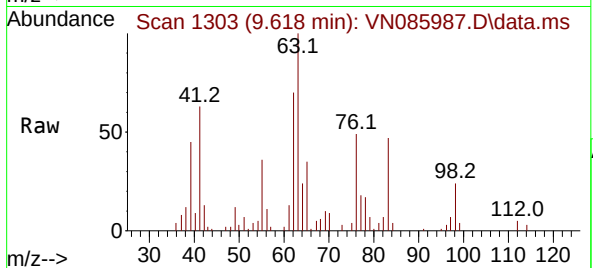
VN0314WBS01

Tgt Ion: 63 Resp: 37290

Ion Ratio Lower Upper

63 100

65 34.5 25.1 37.7



#46

Dibromomethane

Concen: 20.313 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

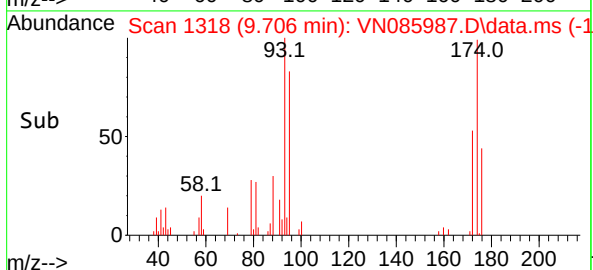
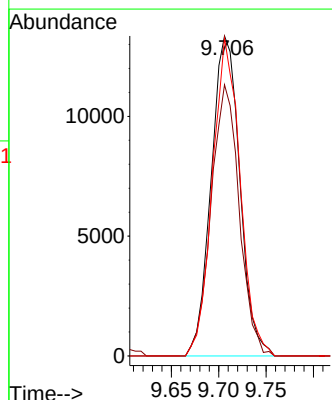
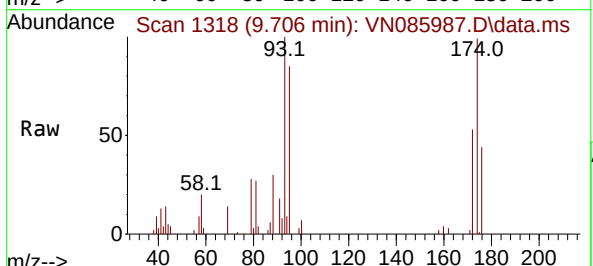
Tgt Ion: 93 Resp: 28059

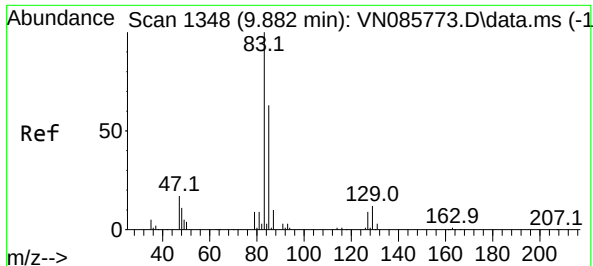
Ion Ratio Lower Upper

93 100

95 83.3 66.7 100.1

174 95.9 77.2 115.8





#47

Bromodichloromethane

Concen: 19.558 ug/l

RT: 9.888 min Scan# 1348

Delta R.T. 0.006 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

Instrument :

MSVOA\_N

ClientSampleId :

VN0314WBS01

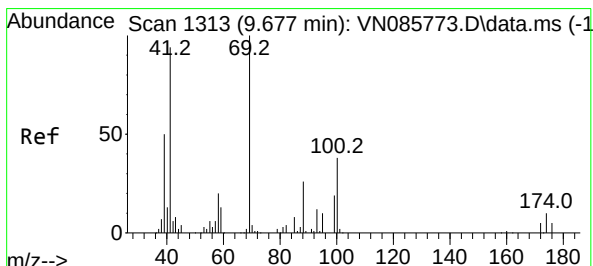
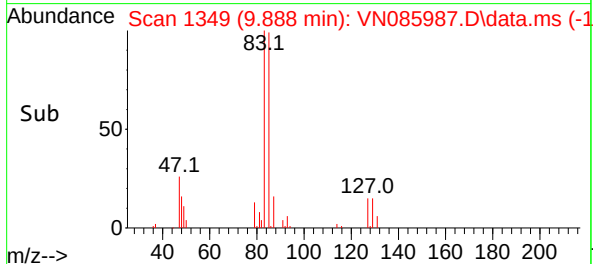
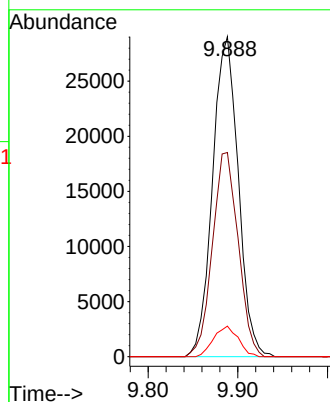
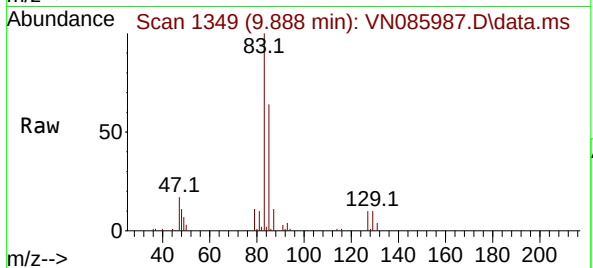
Tgt Ion: 83 Resp: 57801

Ion Ratio Lower Upper

83 100

85 63.8 50.5 75.7

127 9.5 7.2 10.8



#48

Methyl methacrylate

Concen: 19.492 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

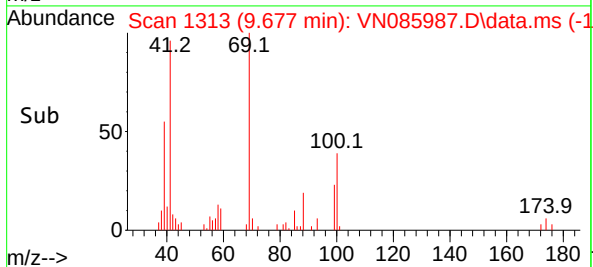
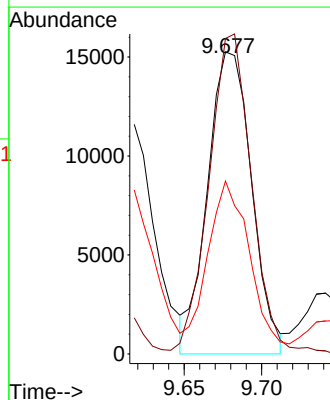
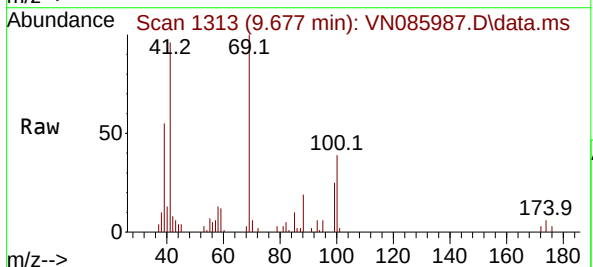
Tgt Ion: 41 Resp: 30155

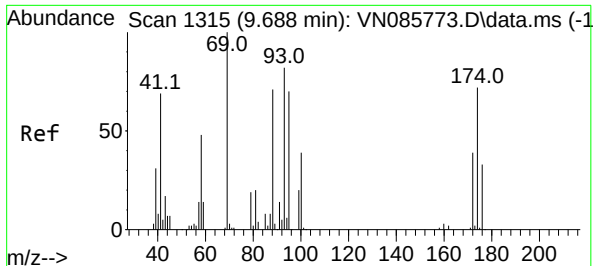
Ion Ratio Lower Upper

41 100

69 103.0 76.0 114.0

39 55.7 42.3 63.5





#49

1,4-Dioxane

Concen: 482.174 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

Instrument :

MSVOA\_N

ClientSampleId :

VN0314WBS01

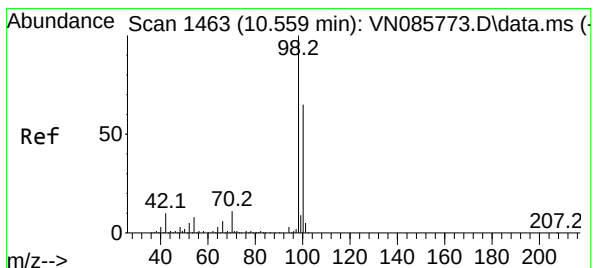
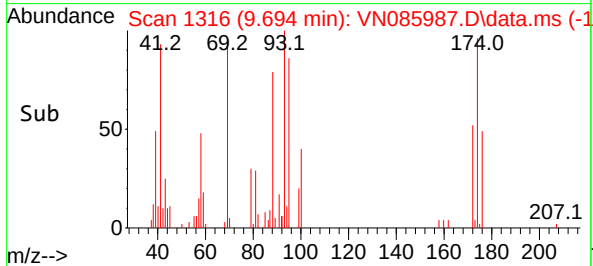
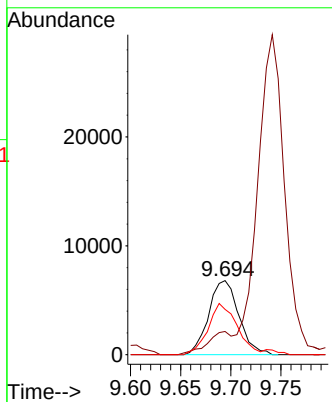
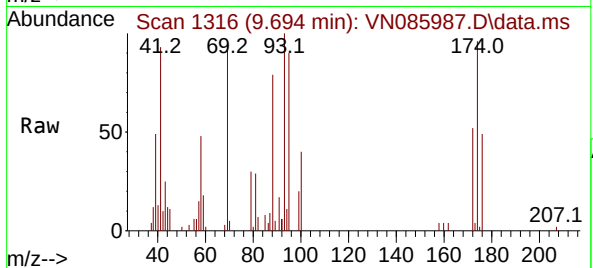
Tgt Ion: 88 Resp: 14185

Ion Ratio Lower Upper

88 100

43 0.0 18.6 27.8#

58 66.4 56.7 85.1



#50

Toluene-d8

Concen: 47.432 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085987.D

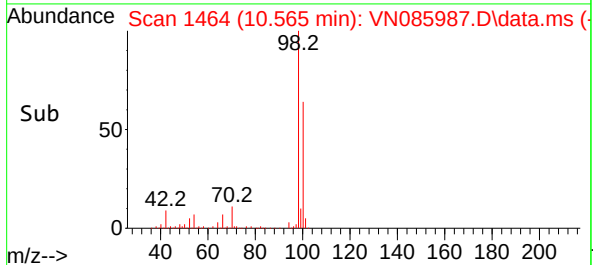
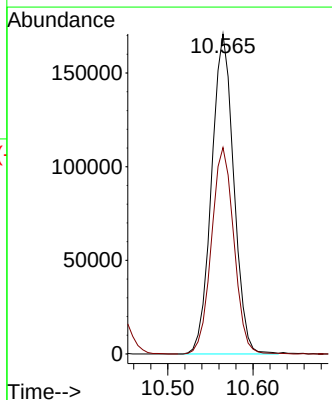
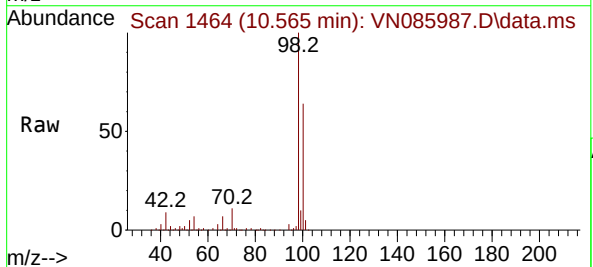
Acq: 14 Mar 2025 13:48

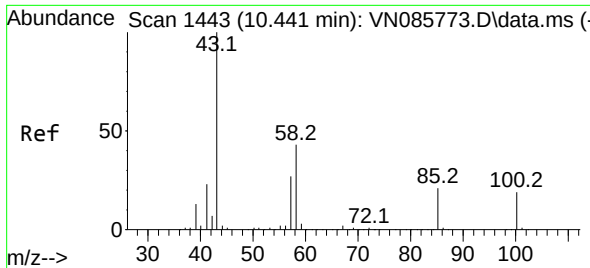
Tgt Ion: 98 Resp: 308653

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1

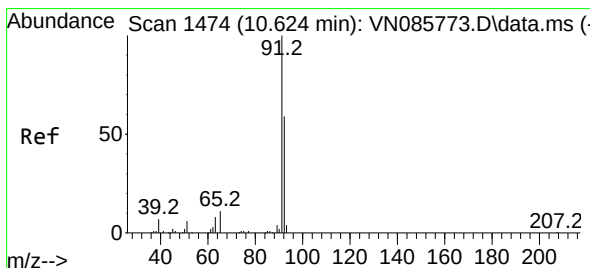
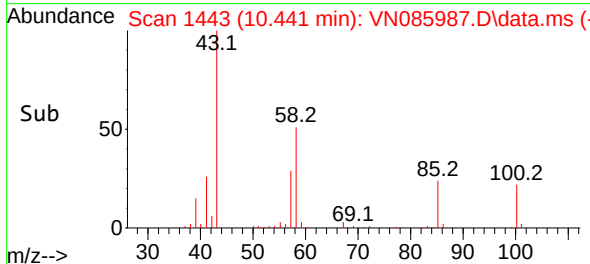
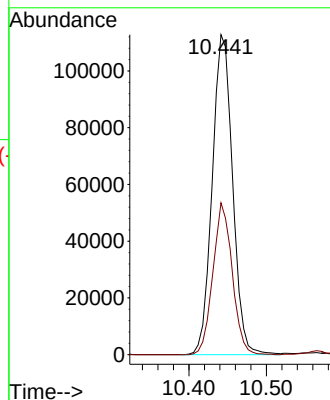
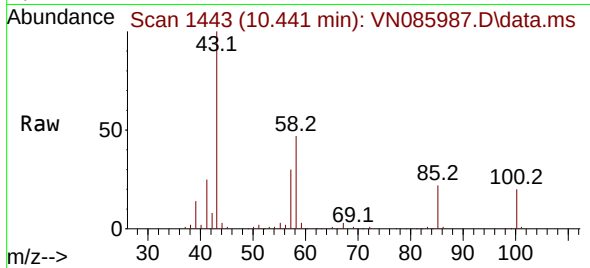




#51  
4-Methyl-2-Pentanone  
Concen: 102.736 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

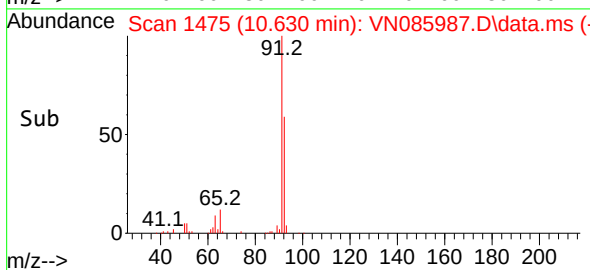
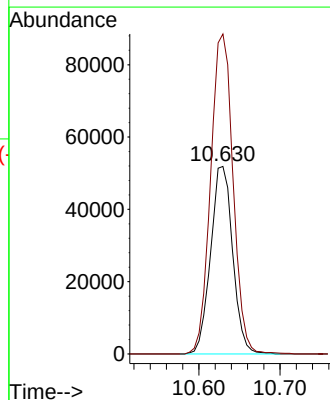
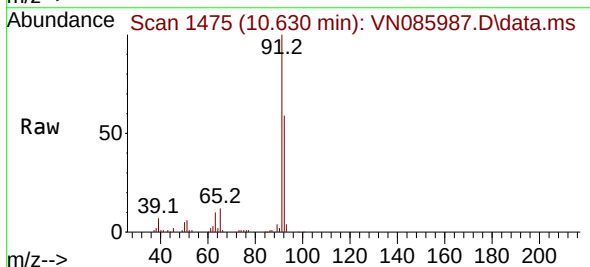
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

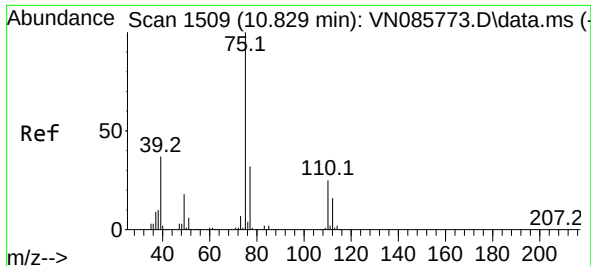
Tgt Ion: 43 Resp: 206335  
Ion Ratio Lower Upper  
43 100  
58 44.9 34.6 52.0



#52  
Toluene  
Concen: 20.625 ug/l  
RT: 10.630 min Scan# 1475  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion: 92 Resp: 98087  
Ion Ratio Lower Upper  
92 100  
91 173.4 136.9 205.3

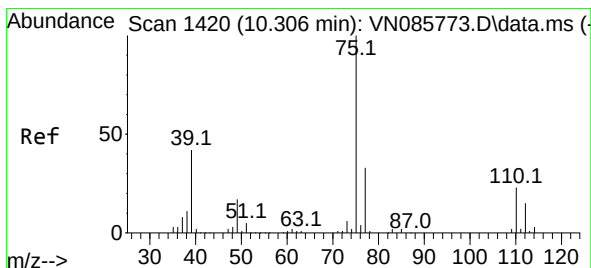
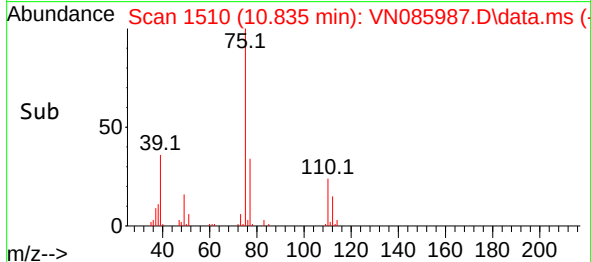
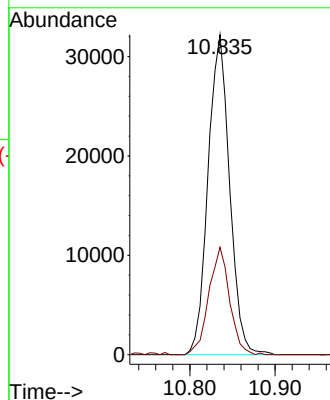
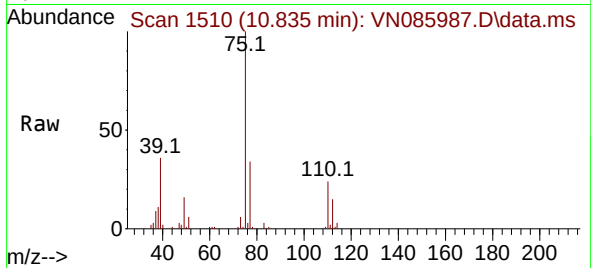




#53  
t-1,3-Dichloropropene  
Concen: 20.702 ug/l  
RT: 10.835 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

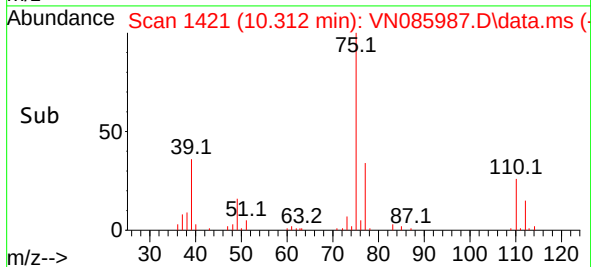
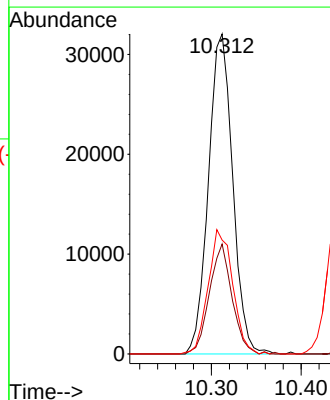
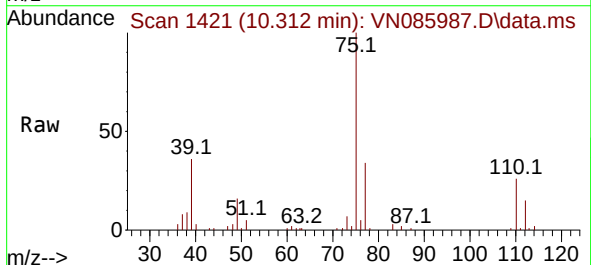
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

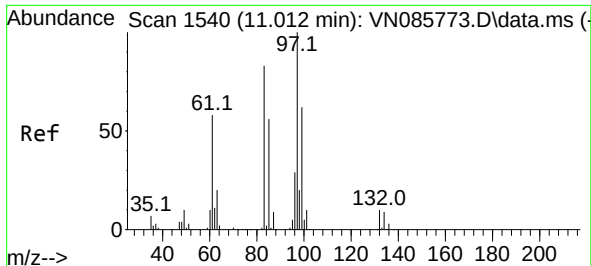
Tgt Ion: 75 Resp: 56574  
Ion Ratio Lower Upper  
75 100  
77 33.6 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 20.058 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion: 75 Resp: 60106  
Ion Ratio Lower Upper  
75 100  
77 34.3 26.1 39.1  
39 35.6 33.4 50.0

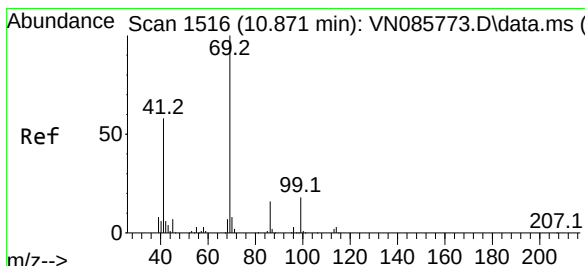
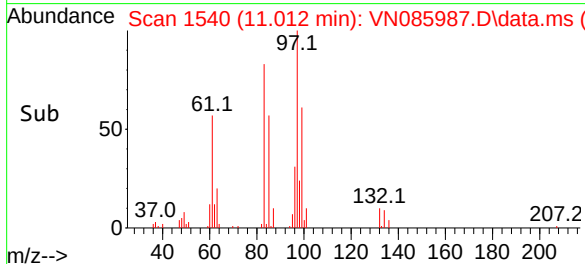
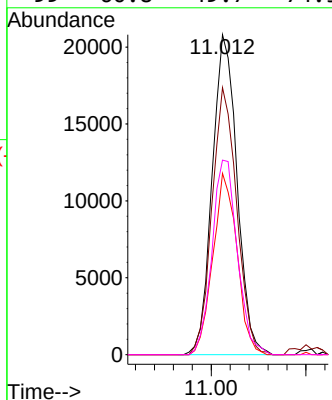
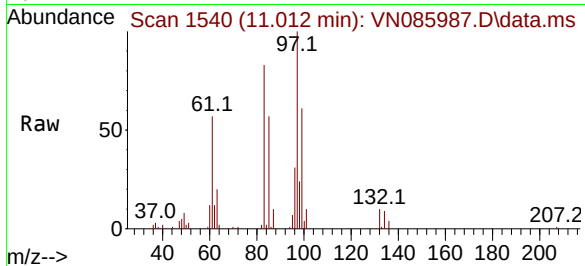




#55  
1,1,2-Trichloroethane  
Concen: 20.037 ug/l  
RT: 11.012 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

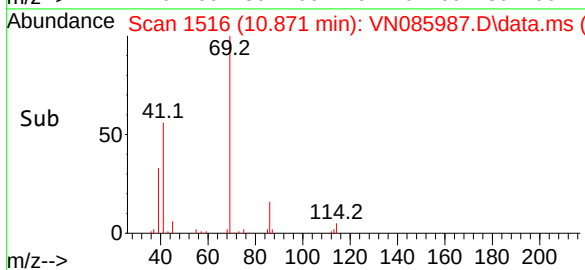
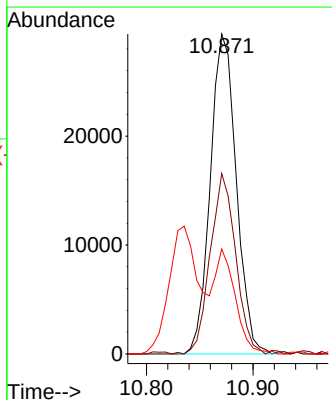
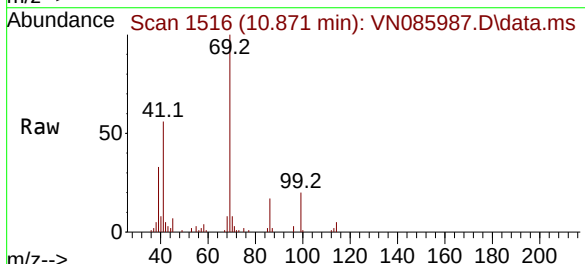
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 37886 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.5  | 66.1  | 99.1  |
| 85       | 56.6  | 44.7  | 67.1  |
| 99       | 60.8  | 49.7  | 74.5  |

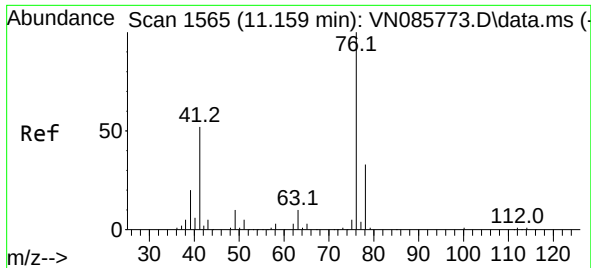


#56  
Ethyl methacrylate  
Concen: 19.959 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 49841 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 55.1  | 46.0  | 69.0  |
| 39       | 25.7  | 22.0  | 33.0  |



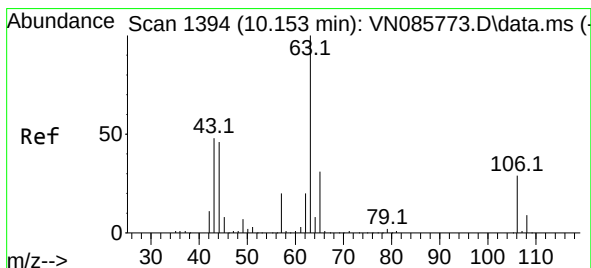
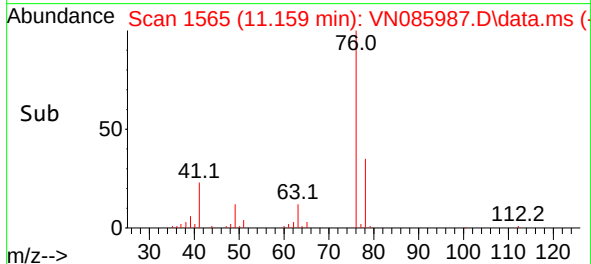
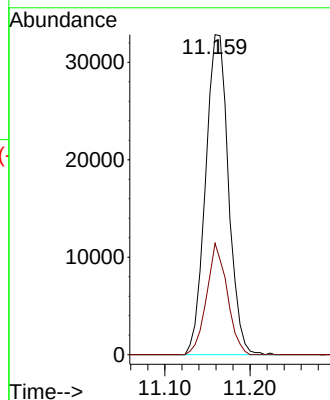
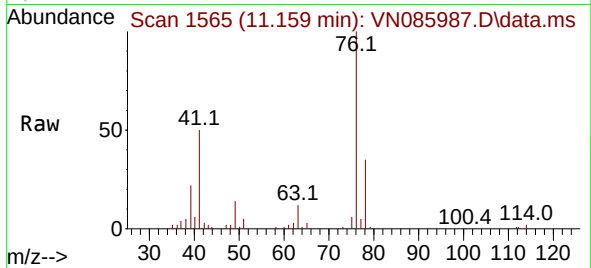




#57  
1,3-Dichloropropane  
Concen: 19.481 ug/l  
RT: 11.159 min Scan# 1115  
Delta R.T. 0.000 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

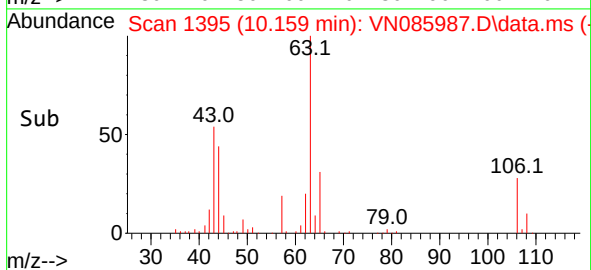
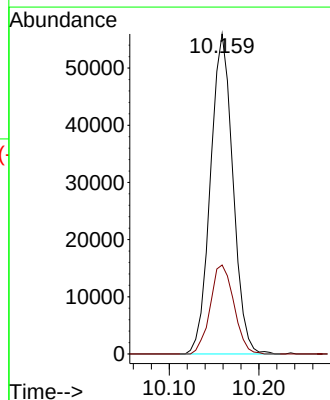
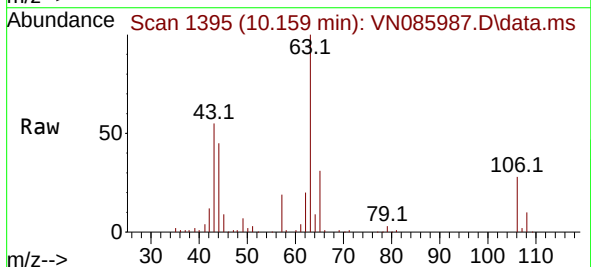
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

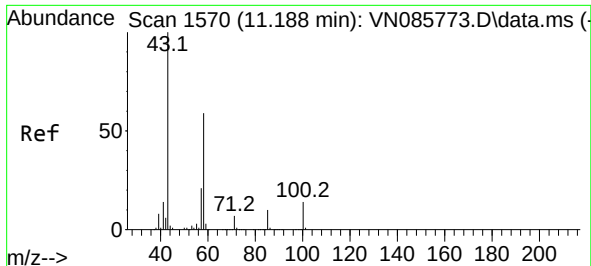
Tgt Ion: 76 Resp: 61491  
Ion Ratio Lower Upper  
76 100  
78 31.2 25.9 38.9



#58  
2-Chloroethyl Vinyl ether  
Concen: 107.578 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion: 63 Resp: 97269  
Ion Ratio Lower Upper  
63 100  
106 29.3 22.7 34.1

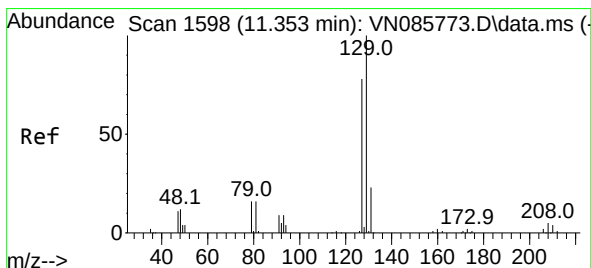
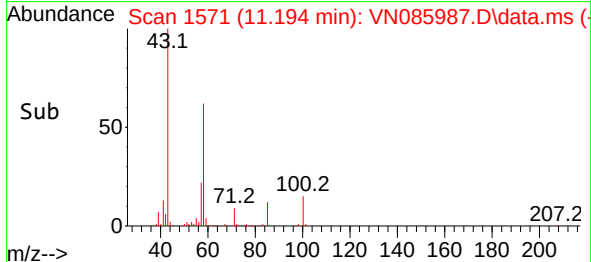
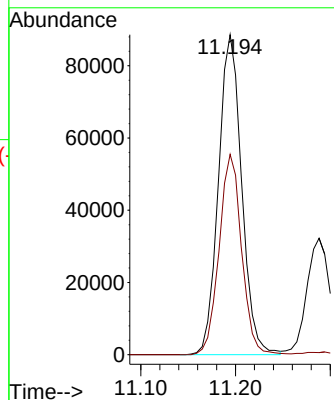
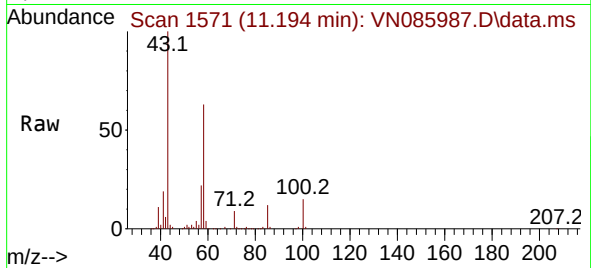




#59  
2-Hexanone  
Concen: 109.311 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

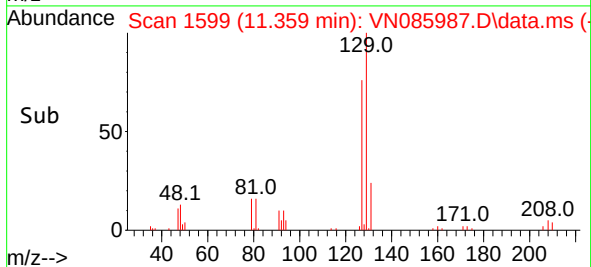
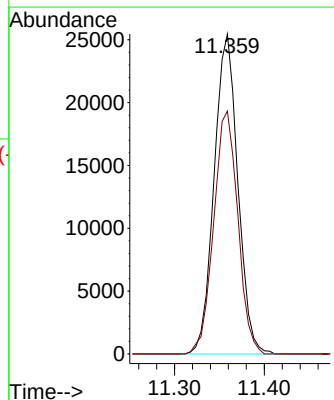
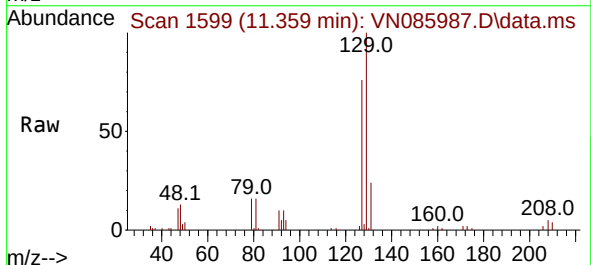
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

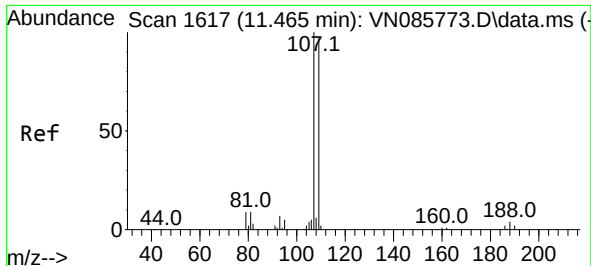
Tgt Ion: 43 Resp: 151031  
Ion Ratio Lower Upper  
43 100  
58 60.6 29.8 89.5



#60  
Dibromochloromethane  
Concen: 21.180 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion: 129 Resp: 46633  
Ion Ratio Lower Upper  
129 100  
127 77.3 39.1 117.5

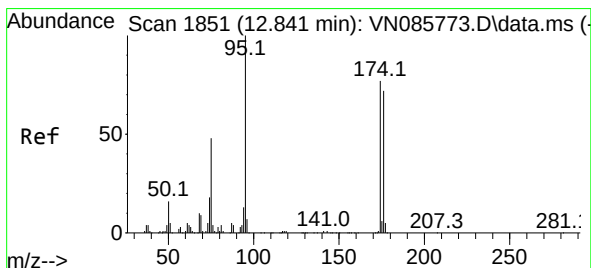
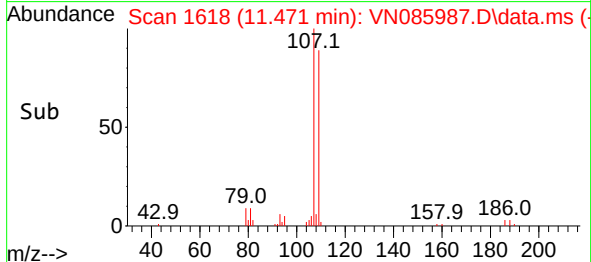
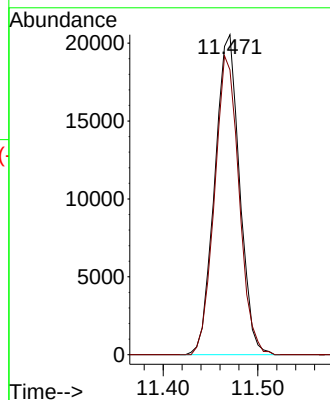
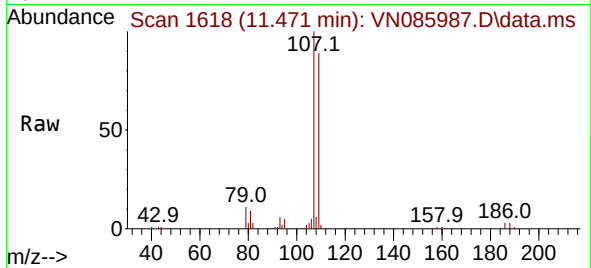




#61  
1,2-Dibromoethane  
Concen: 20.954 ug/l  
RT: 11.471 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

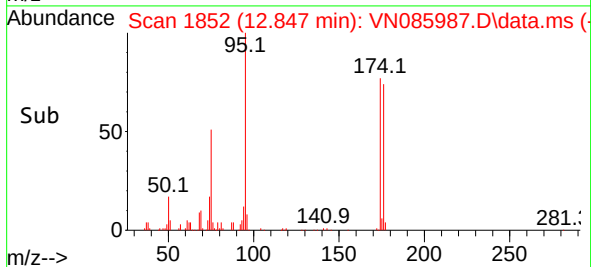
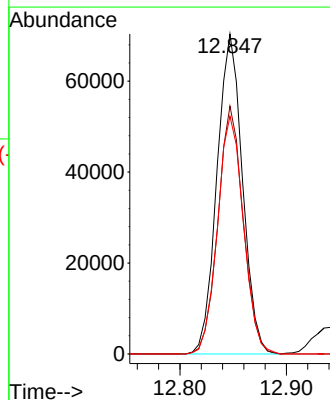
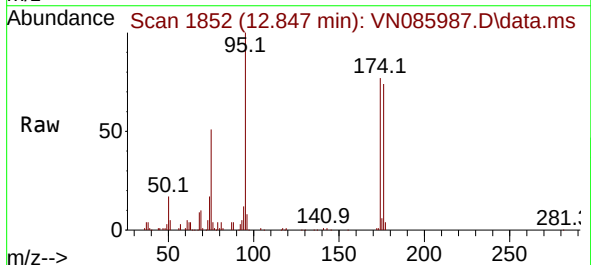
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

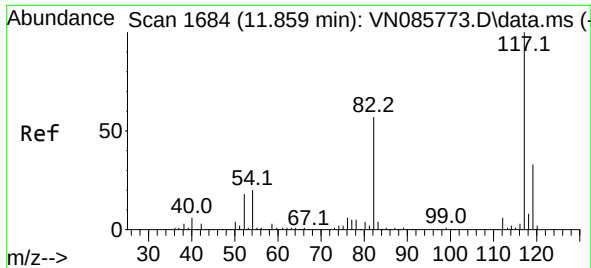
Tgt Ion:107 Resp: 37436  
Ion Ratio Lower Upper  
107 100  
109 92.2 76.0 114.0



#62  
4-Bromofluorobenzene  
Concen: 54.557 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion: 95 Resp: 116972  
Ion Ratio Lower Upper  
95 100  
174 76.3 0.0 152.4  
176 75.5 0.0 146.6

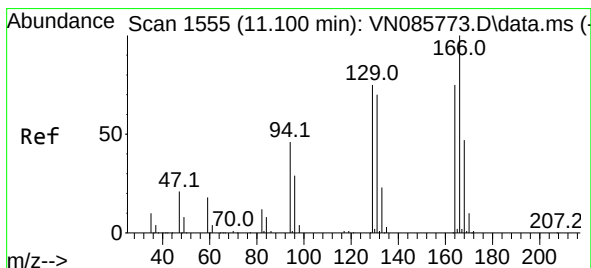
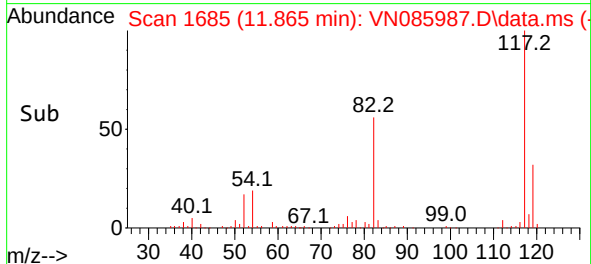
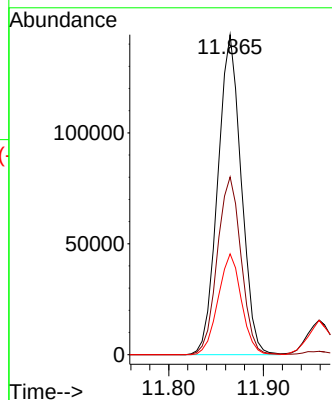
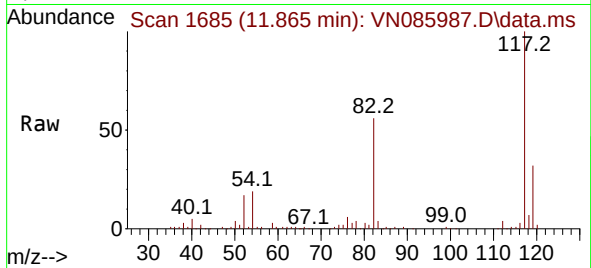




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

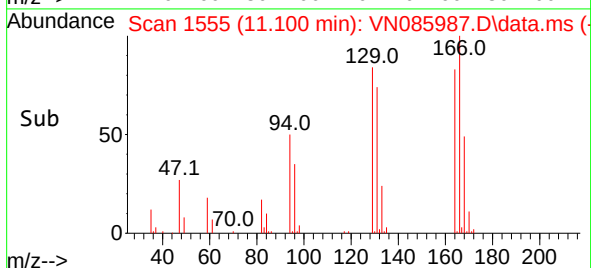
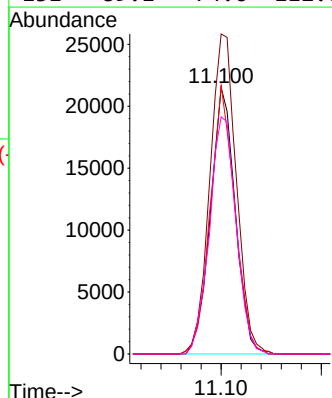
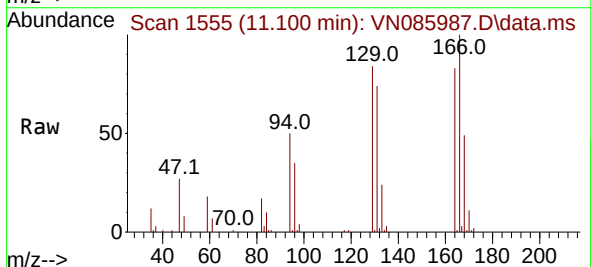
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

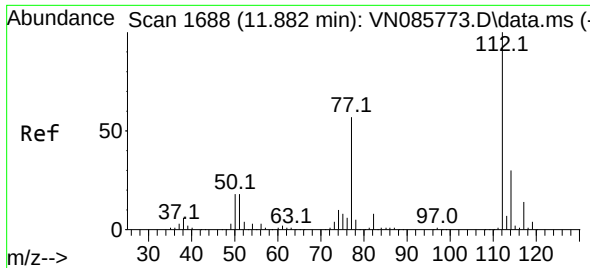
Tgt Ion:117 Resp: 248299  
Ion Ratio Lower Upper  
117 100  
82 55.6 45.7 68.5  
119 31.5 26.2 39.2



#64  
Tetrachloroethene  
Concen: 19.214 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion:164 Resp: 36960  
Ion Ratio Lower Upper  
164 100  
166 120.2 107.2 160.8  
129 100.8 80.7 121.1  
131 89.1 74.6 112.0

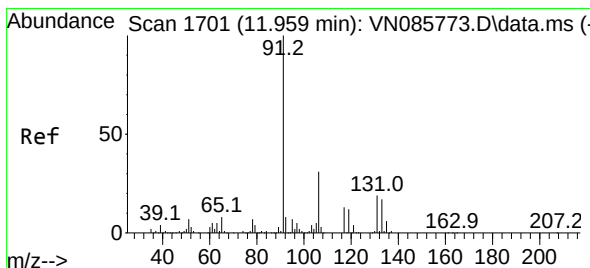
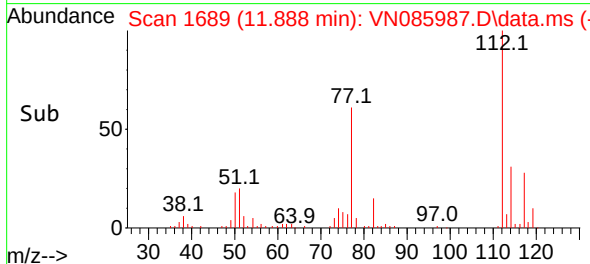
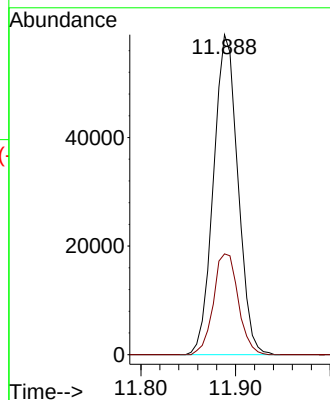
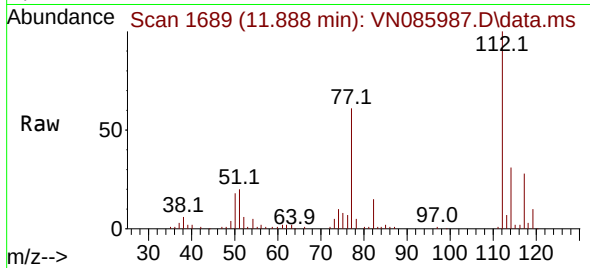




#65  
Chlorobenzene  
Concen: 18.564 ug/l  
RT: 11.888 min Scan# 112  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

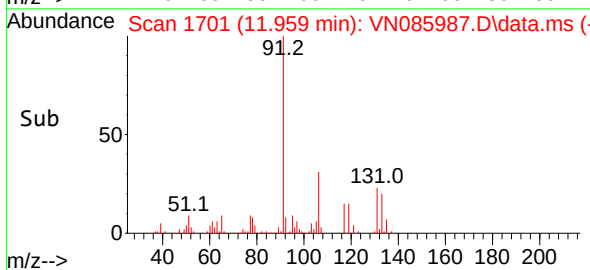
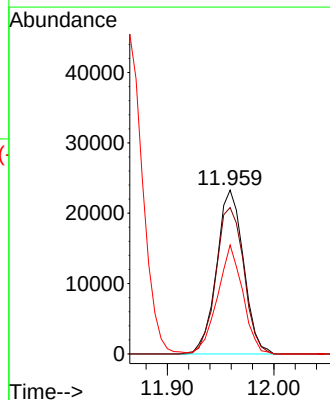
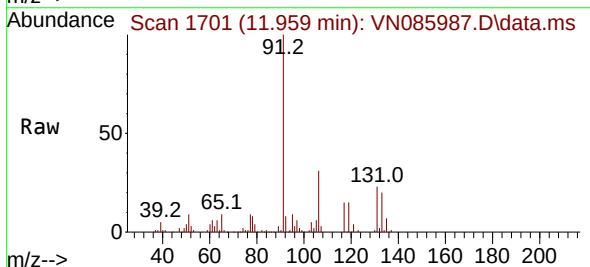
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

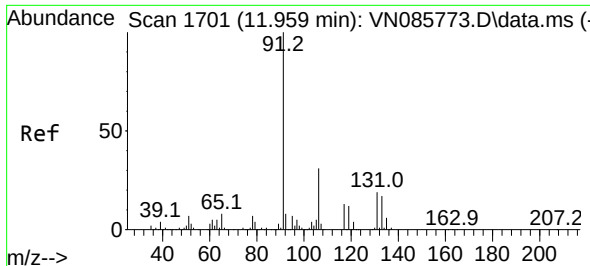
Tgt Ion:112 Resp: 105594  
Ion Ratio Lower Upper  
112 100  
114 31.5 24.3 36.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.975 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion:131 Resp: 40840  
Ion Ratio Lower Upper  
131 100  
133 92.7 47.7 143.1  
119 62.5 33.3 99.8

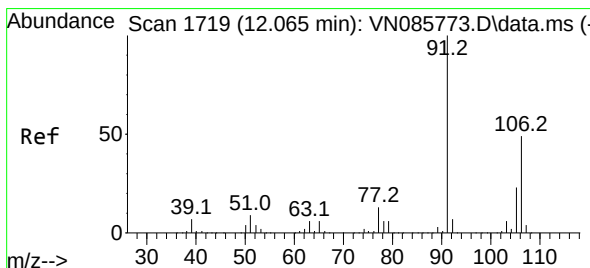
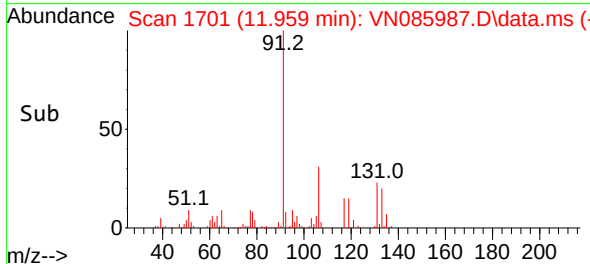
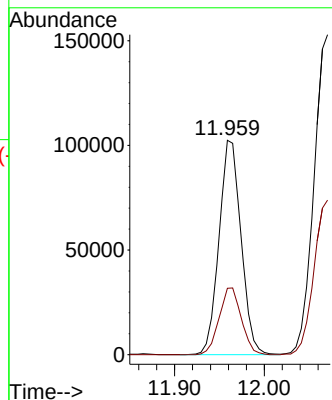
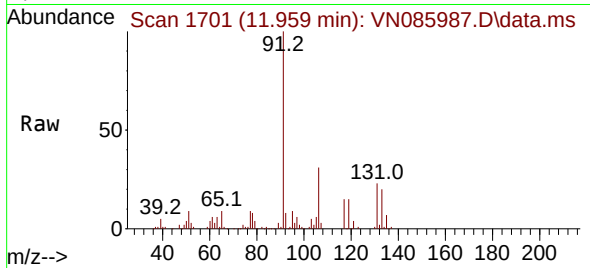




#67  
Ethyl Benzene  
Concen: 19.616 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

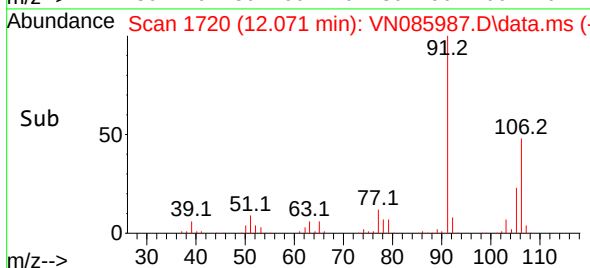
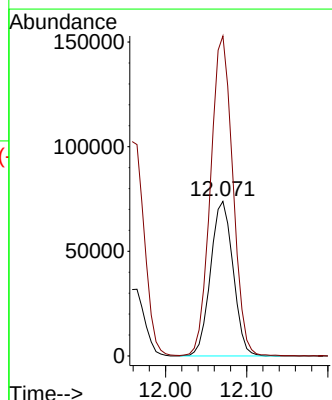
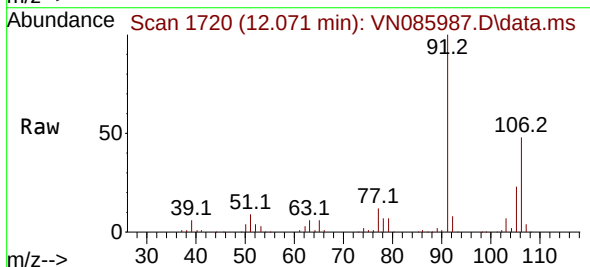
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

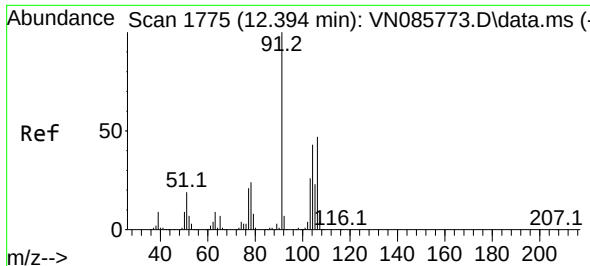
Tgt Ion: 91 Resp: 174786  
Ion Ratio Lower Upper  
91 100  
106 30.9 24.7 37.1



#68  
m/p-Xylenes  
Concen: 42.082 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion:106 Resp: 142429  
Ion Ratio Lower Upper  
106 100  
91 205.2 163.3 244.9

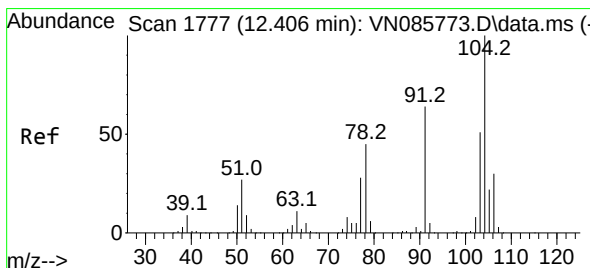
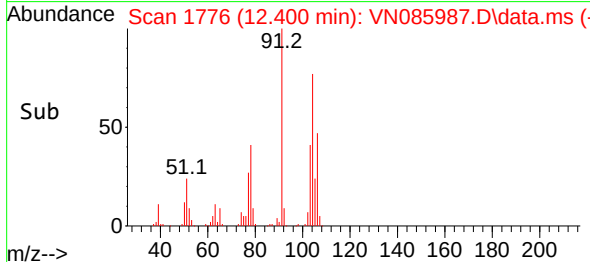
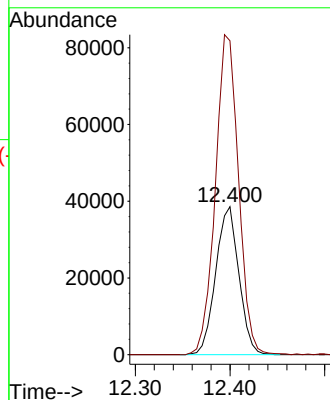
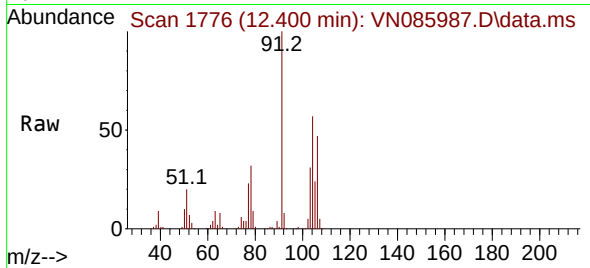




#69  
o-Xylene  
Concen: 20.403 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

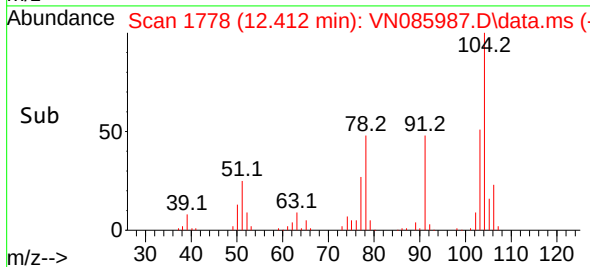
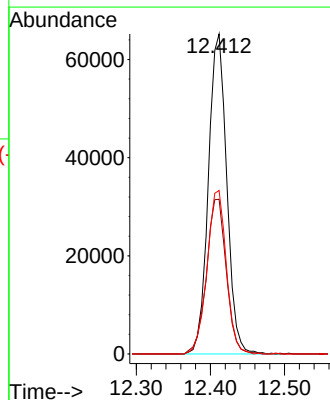
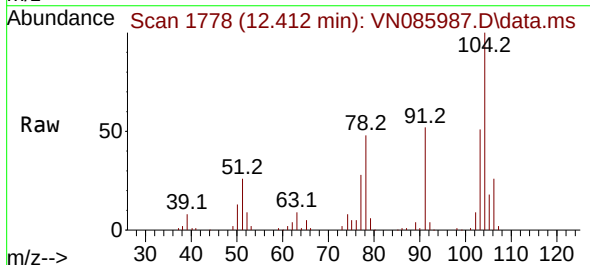
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

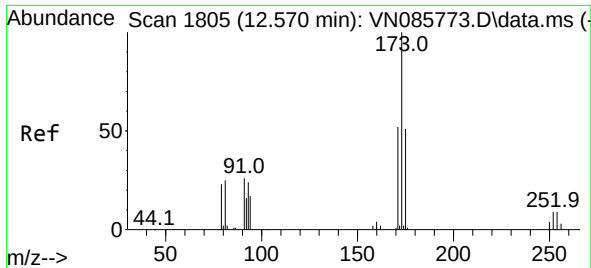
Tgt Ion:106 Resp: 65620  
Ion Ratio Lower Upper  
106 100  
91 216.4 107.1 321.4



#70  
Styrene  
Concen: 20.240 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion:104 Resp: 112316  
Ion Ratio Lower Upper  
104 100  
78 52.0 39.0 58.6  
103 53.8 43.3 64.9

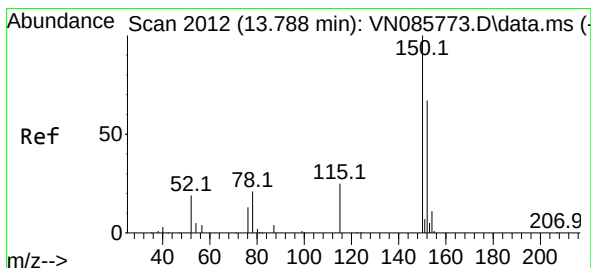
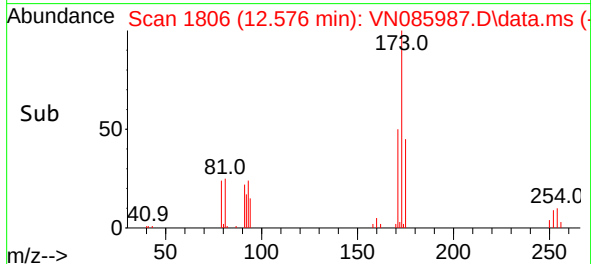
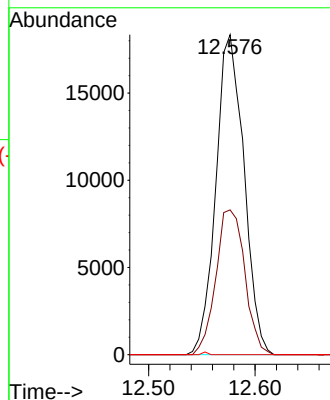
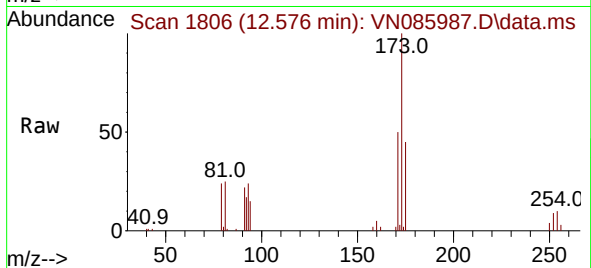




#71  
Bromoform  
Concen: 22.064 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

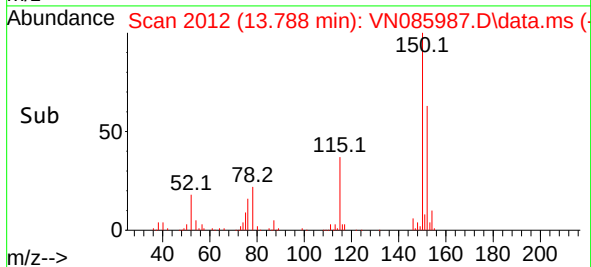
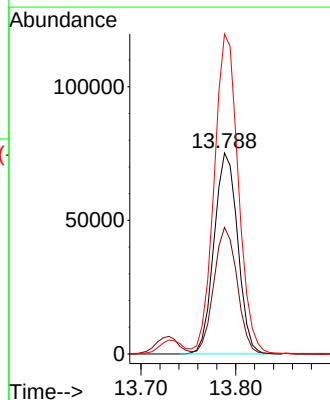
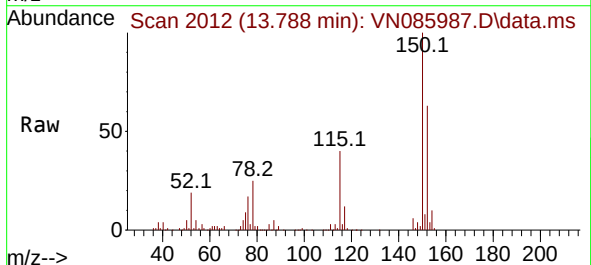
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

Tgt Ion:173 Resp: 33519  
Ion Ratio Lower Upper  
173 100  
175 46.7 25.1 75.4  
254 0.0 0.0 0.0

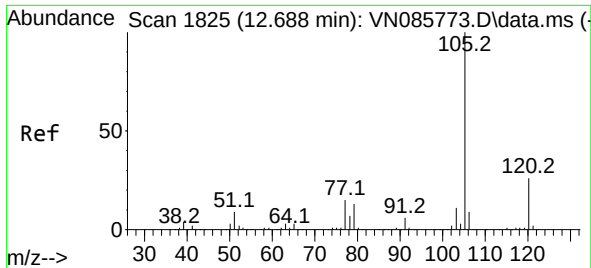


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion:152 Resp: 130109  
Ion Ratio Lower Upper  
152 100  
115 62.5 30.4 91.3  
150 163.4 0.0 345.4



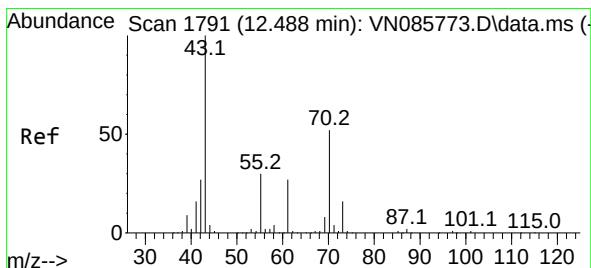
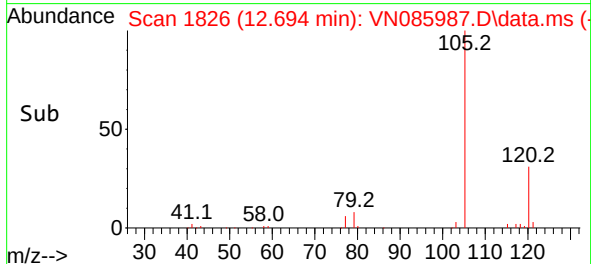
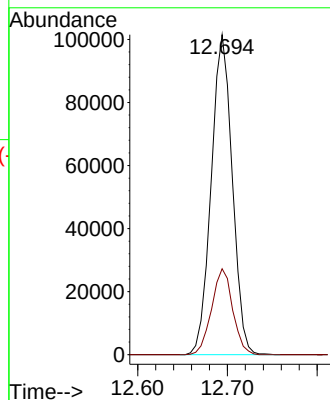
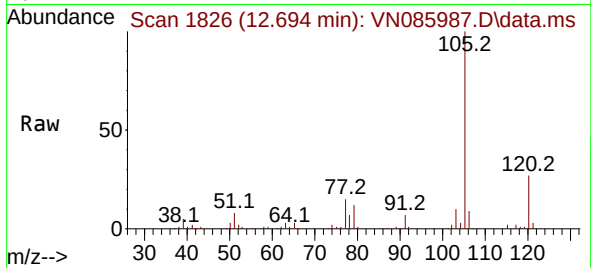




#73  
Isopropylbenzene  
Concen: 18.547 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

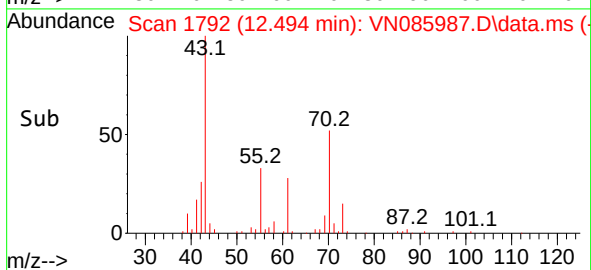
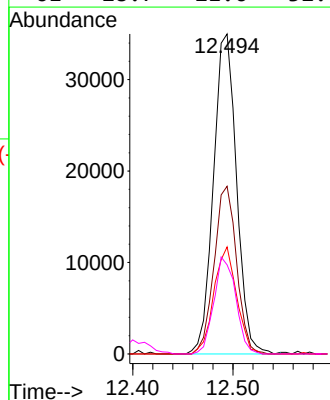
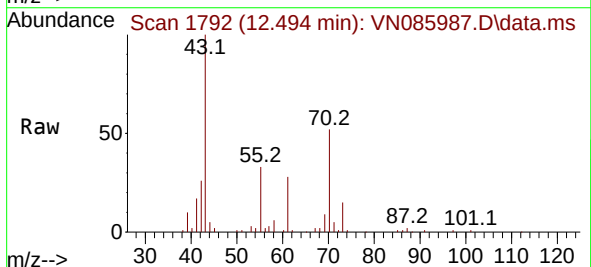
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

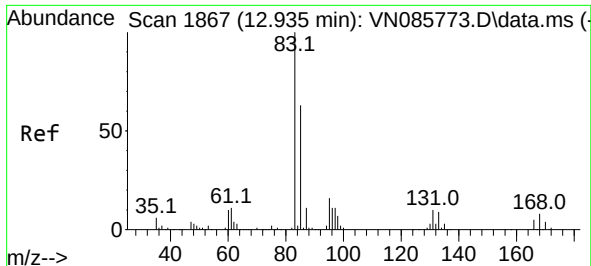
Tgt Ion:105 Resp: 165327  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.0 39.0



#74  
N-ethyl acetate  
Concen: 17.786 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion: 43 Resp: 55908  
Ion Ratio Lower Upper  
43 100  
70 51.0 41.0 61.4  
55 33.0 24.6 36.8  
61 28.7 21.6 32.4

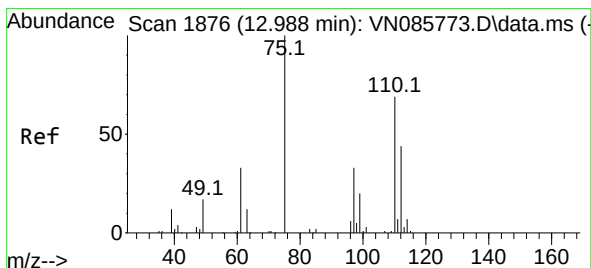
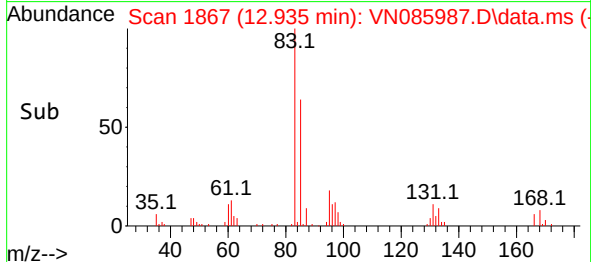
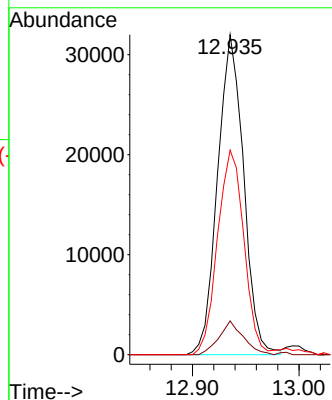
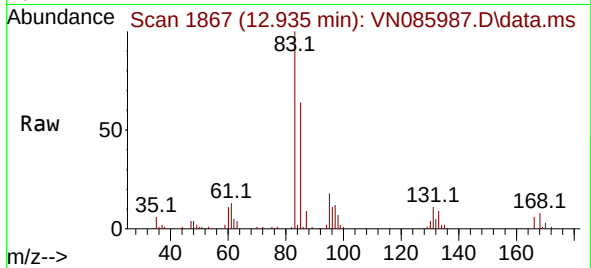




#75  
1,1,2,2-Tetrachloroethane  
Concen: 17.703 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

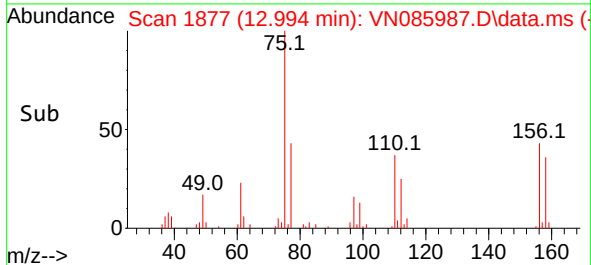
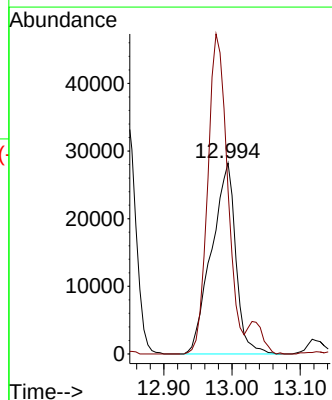
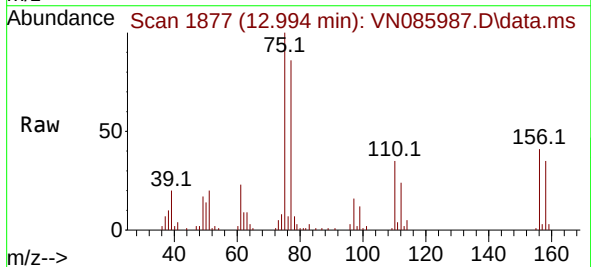
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

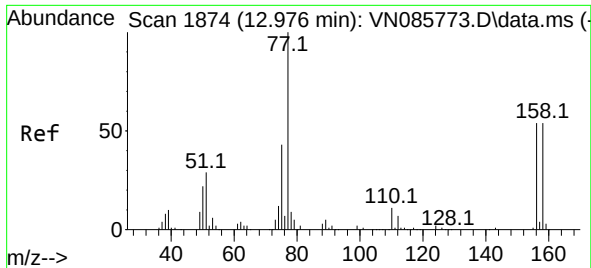
Tgt Ion: 83 Resp: 54300  
Ion Ratio Lower Upper  
83 100  
131 9.8 5.0 15.0  
85 64.9 32.2 96.6



#76  
1,2,3-Trichloropropane  
Concen: 24.226 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion: 75 Resp: 70018  
Ion Ratio Lower Upper  
75 100  
77 136.8 100.0 300.0

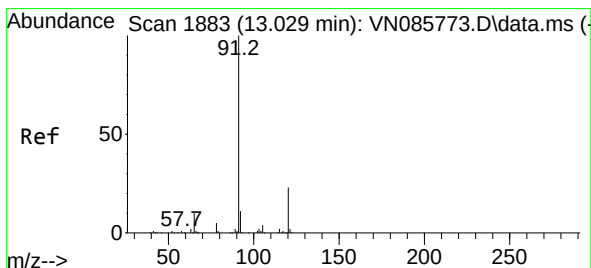
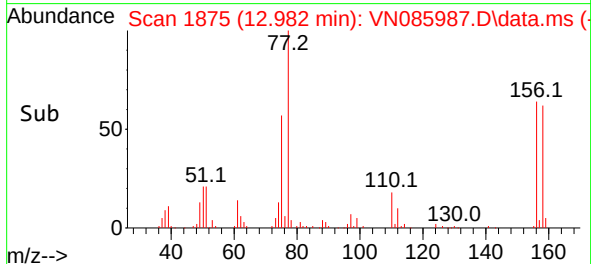
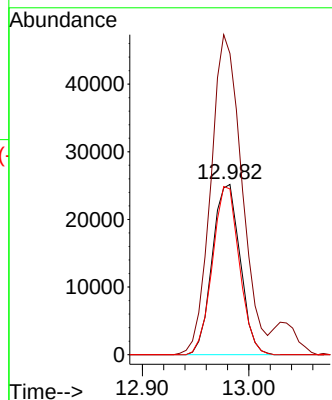
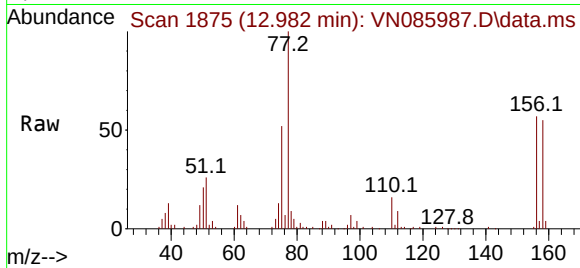




#77  
Bromobenzene  
Concen: 18.990 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

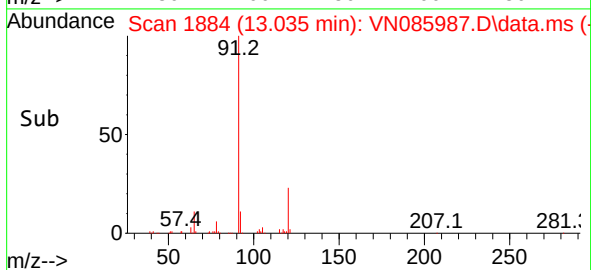
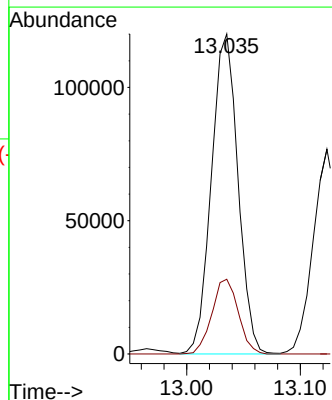
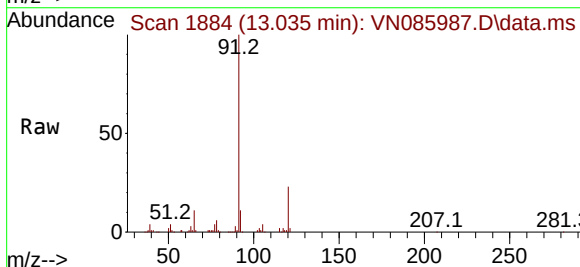
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

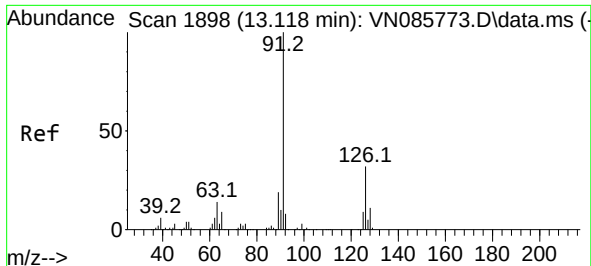
Tgt Ion:156 Resp: 45733  
Ion Ratio Lower Upper  
156 100  
77 209.4 104.1 312.3  
158 95.5 48.1 144.4



#78  
n-propylbenzene  
Concen: 19.130 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion: 91 Resp: 195289  
Ion Ratio Lower Upper  
91 100  
120 23.2 11.3 33.8

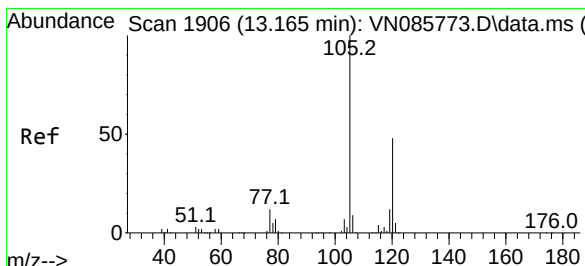
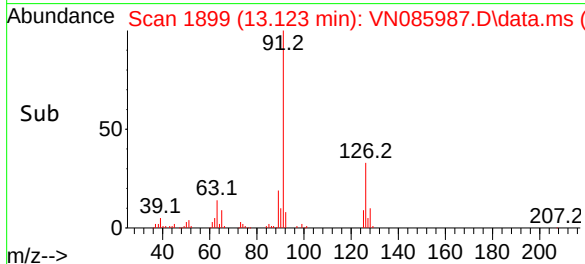
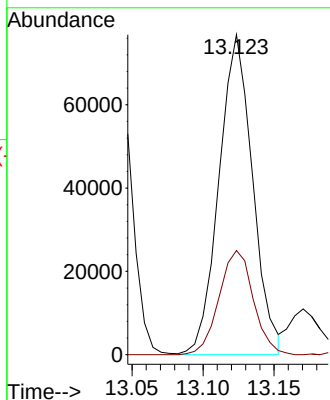
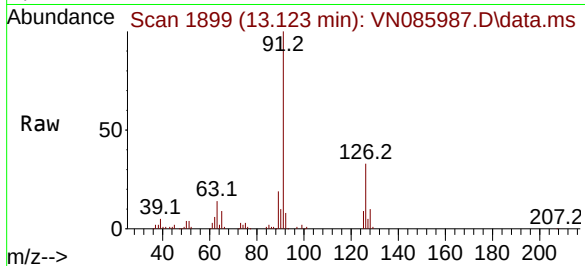




#79  
2-Chlorotoluene  
Concen: 18.533 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

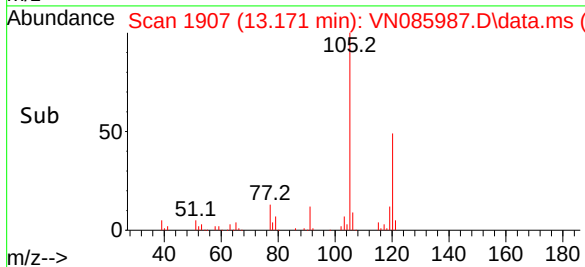
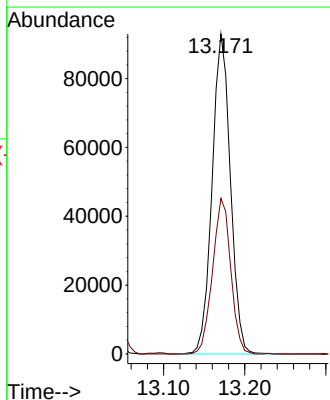
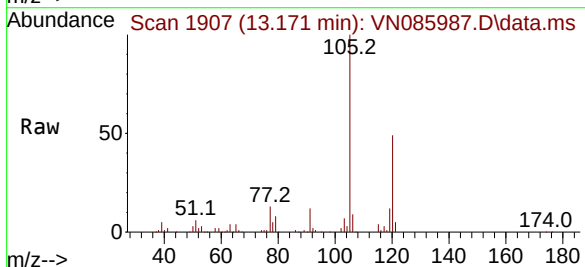
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

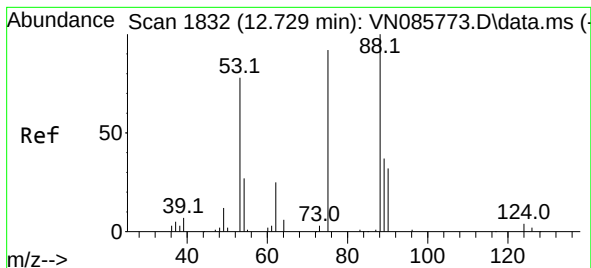
Tgt Ion: 91 Resp: 126407  
Ion Ratio Lower Upper  
91 100  
126 33.1 16.4 49.1



#80  
1,3,5-Trimethylbenzene  
Concen: 20.048 ug/l  
RT: 13.171 min Scan# 1907  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion: 105 Resp: 145571  
Ion Ratio Lower Upper  
105 100  
120 48.3 24.3 72.9

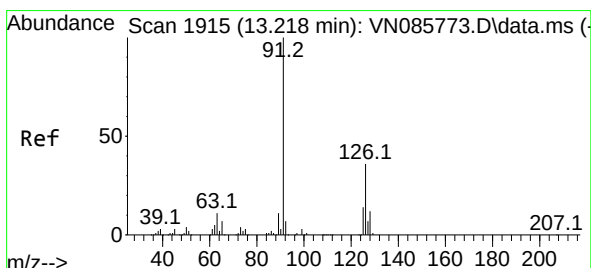
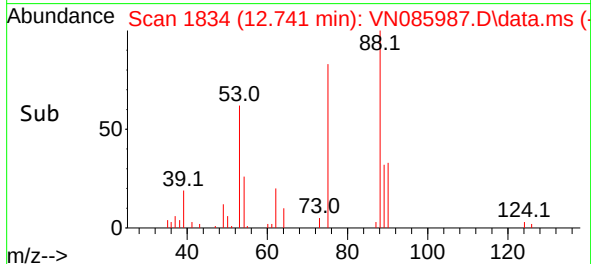
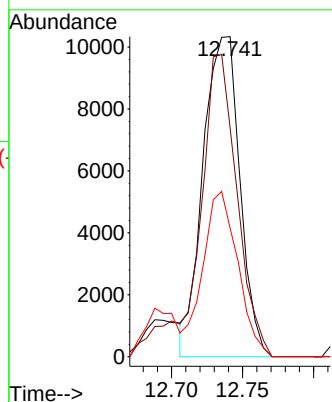
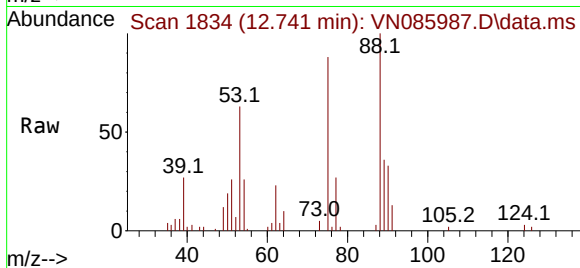




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.804 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. 0.012 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

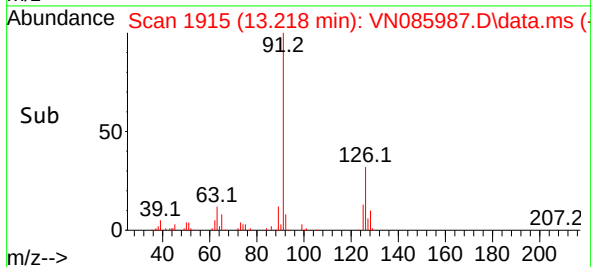
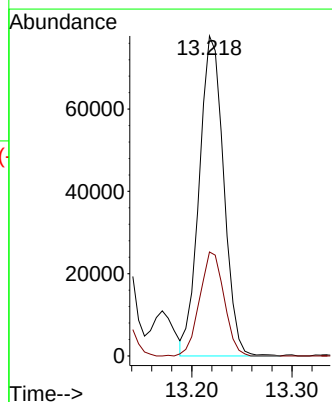
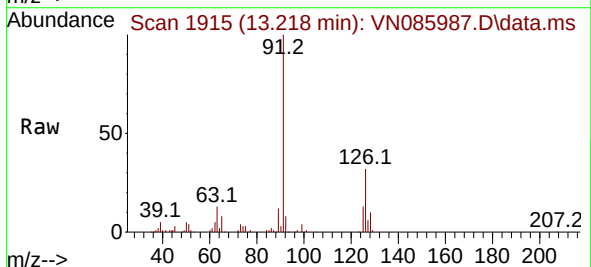
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

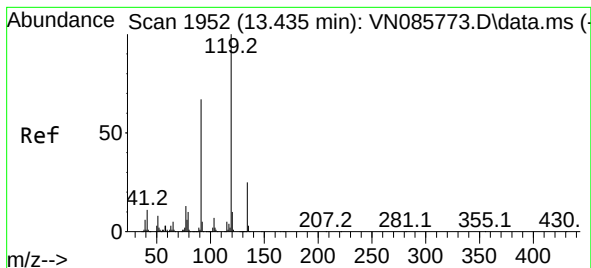
Tgt Ion: 75 Resp: 18626  
Ion Ratio Lower Upper  
75 100  
53 98.4 74.2 111.4  
89 49.4 34.9 52.3



#82  
4-Chlorotoluene  
Concen: 19.525 ug/l  
RT: 13.218 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion: 91 Resp: 132025  
Ion Ratio Lower Upper  
91 100  
126 32.5 16.4 49.4





#83

tert-Butylbenzene

Concen: 19.011 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

Instrument :

MSVOA\_N

ClientSampleId :

VN0314WBS01

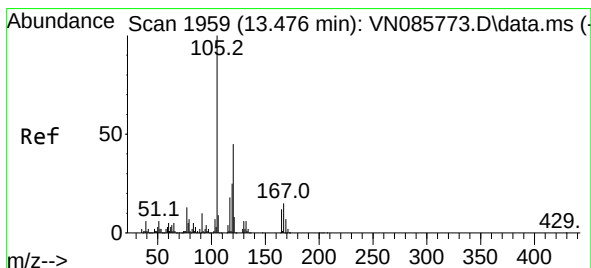
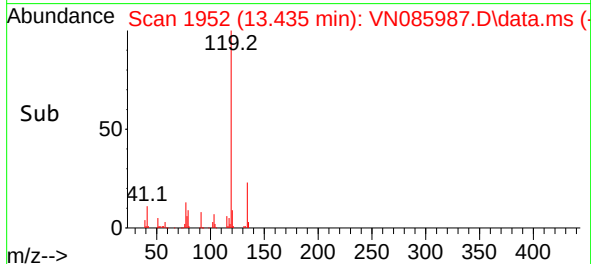
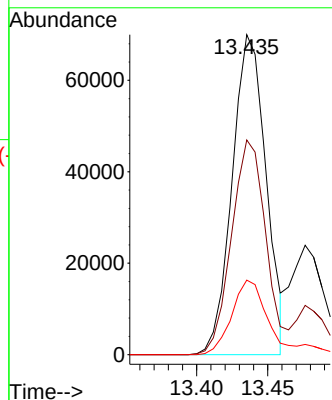
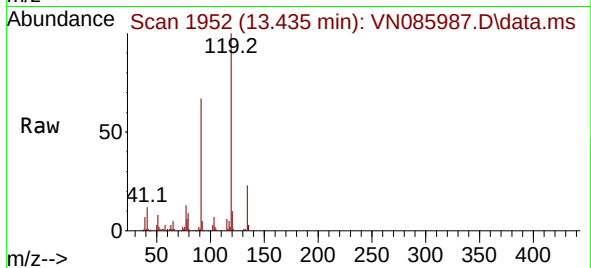
Tgt Ion:119 Resp: 116079

Ion Ratio Lower Upper

119 100

91 68.6 32.5 97.5

134 26.2 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 20.564 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VN085987.D

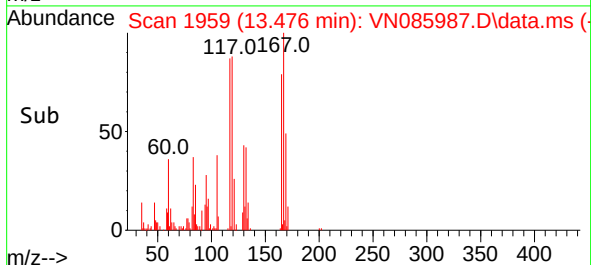
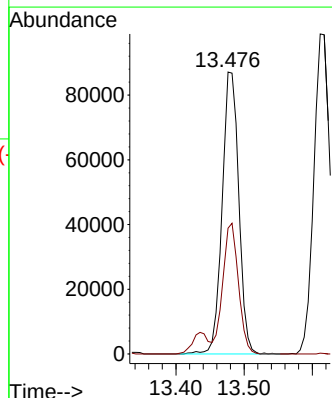
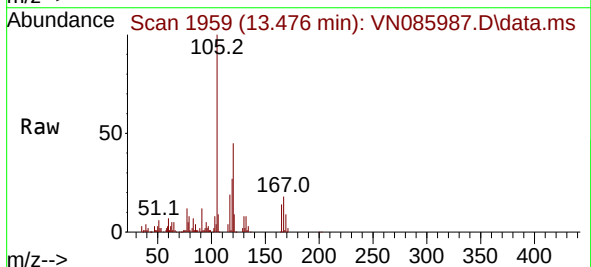
Acq: 14 Mar 2025 13:48

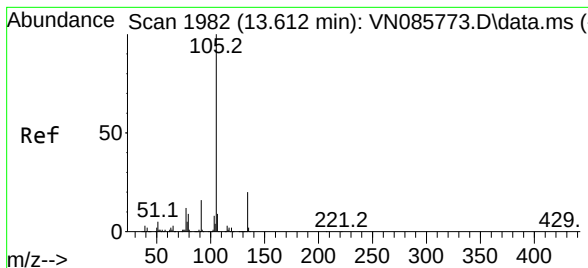
Tgt Ion:105 Resp: 147725

Ion Ratio Lower Upper

105 100

120 43.8 22.4 67.3

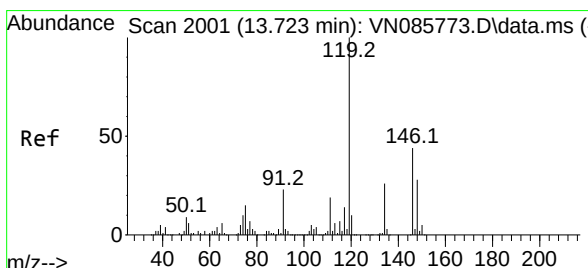
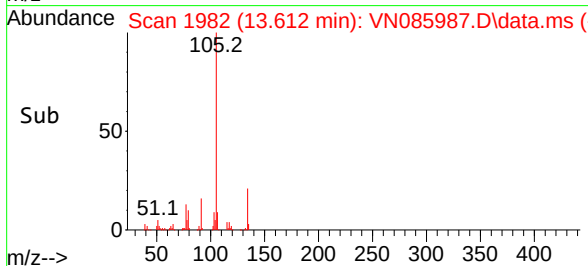
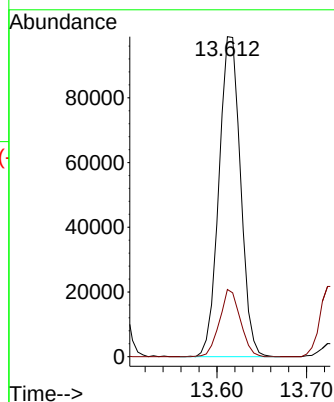
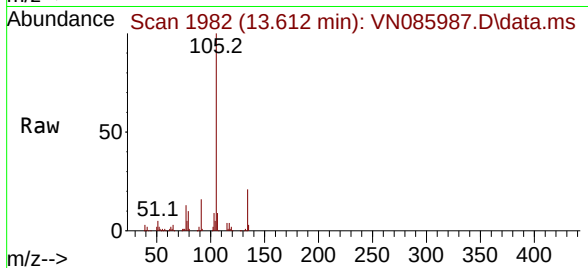




#85  
 sec-Butylbenzene  
 Concen: 19.162 ug/l  
 RT: 13.612 min Scan# 1982  
 Delta R.T. -0.000 min  
 Lab File: VN085987.D  
 Acq: 14 Mar 2025 13:48

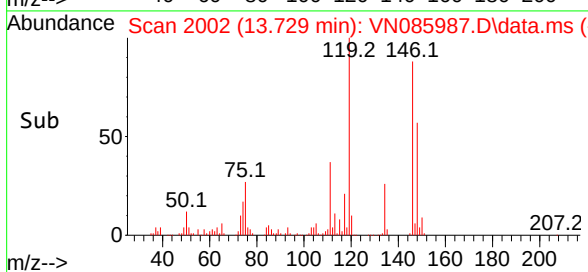
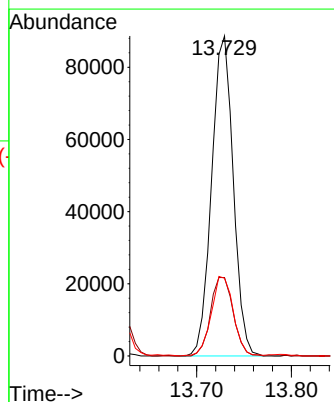
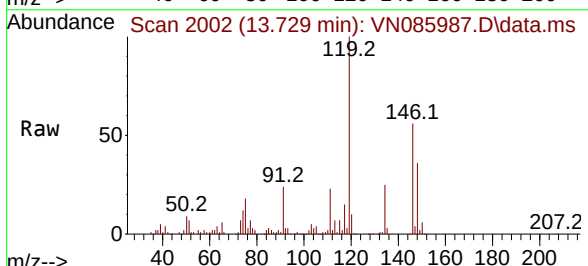
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0314WBS01

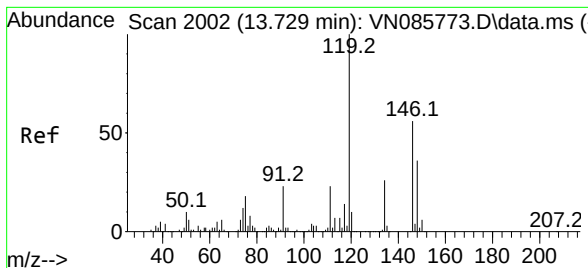
Tgt Ion:105 Resp: 165313  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 19.059 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.006 min  
 Lab File: VN085987.D  
 Acq: 14 Mar 2025 13:48

Tgt Ion:119 Resp: 140320  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 13.0 39.0  
 91 25.5 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 18.836 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

Instrument :

MSVOA\_N

ClientSampleId :

VN0314WBS01

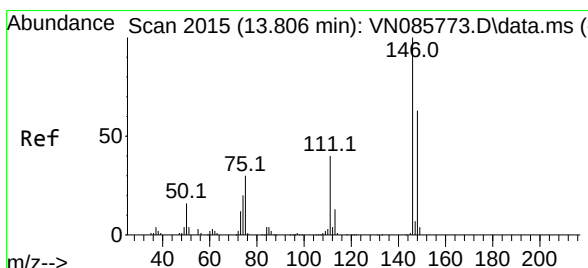
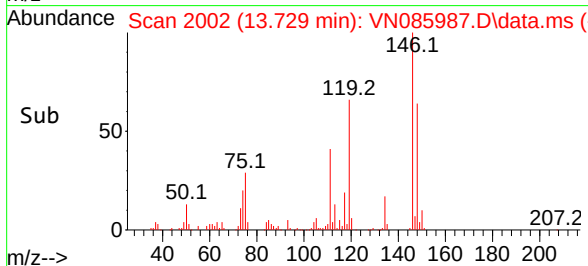
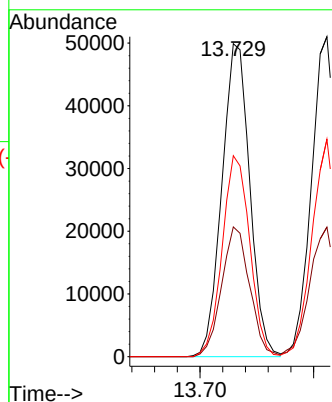
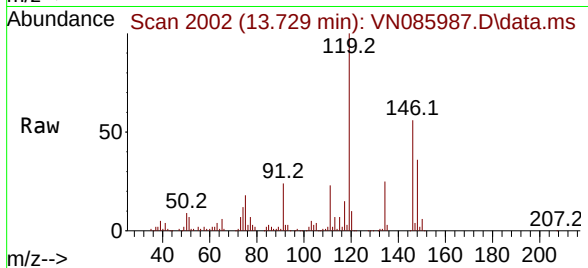
Tgt Ion:146 Resp: 84988

Ion Ratio Lower Upper

146 100

111 41.6 21.1 63.3

148 63.4 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 18.147 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.006 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

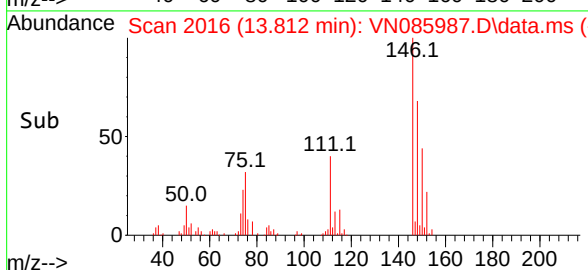
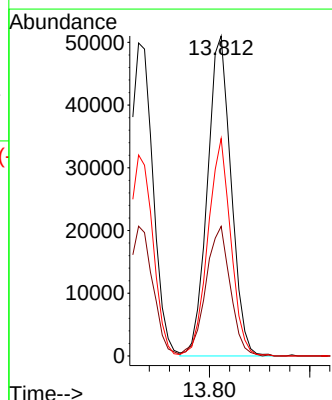
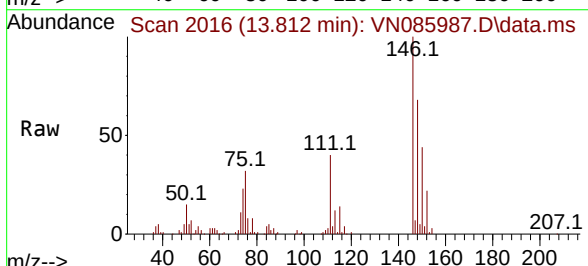
Tgt Ion:146 Resp: 83917

Ion Ratio Lower Upper

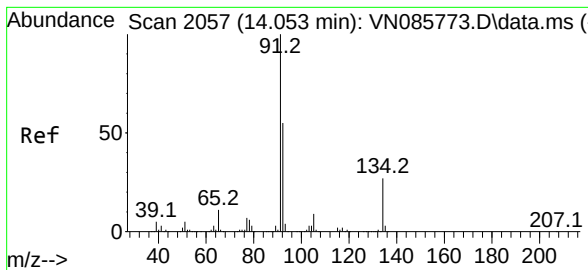
146 100

111 41.8 20.4 61.3

148 65.7 31.8 95.4



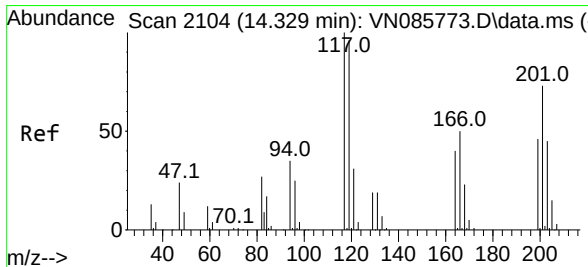
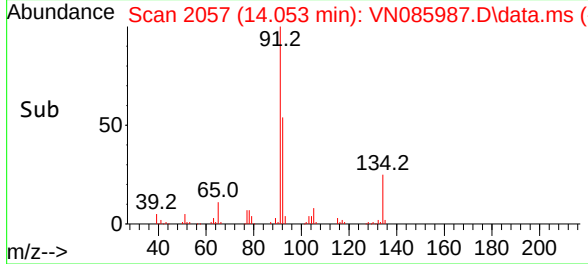
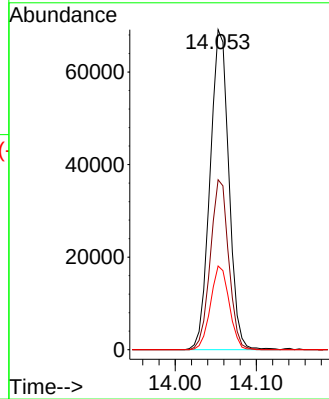
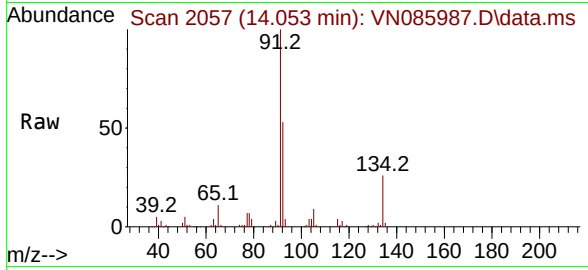




#89  
n-Butylbenzene  
Concen: 18.147 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

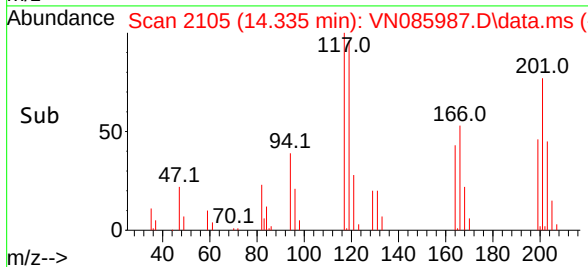
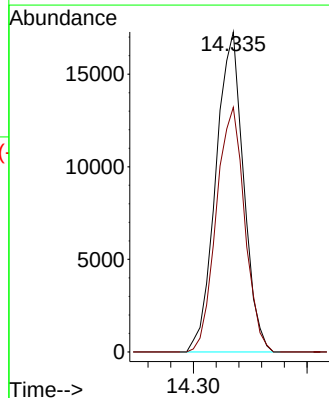
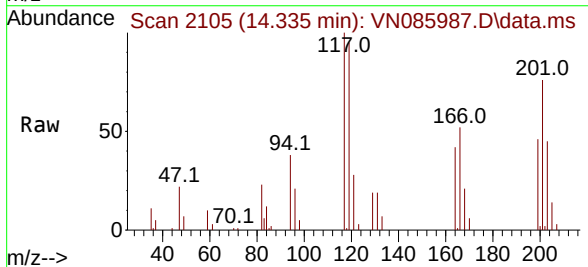
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

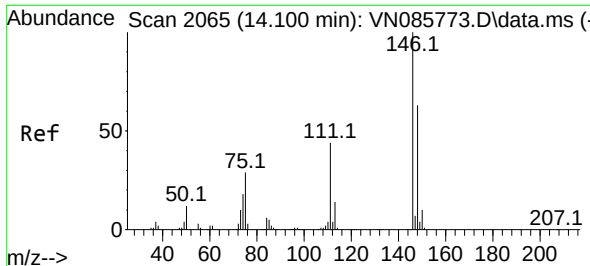
|             |              |
|-------------|--------------|
| Tgt Ion: 91 | Resp: 111155 |
| Ion Ratio   | Lower Upper  |
| 91 100      |              |
| 92 51.8     | 27.1 81.3    |
| 134 25.9    | 12.7 38.1    |



#90  
Hexachloroethane  
Concen: 17.917 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:117 | Resp: | 29274 |
| Ion | Ratio   | Lower | Upper |
| 117 | 100     |       |       |
| 201 | 78.3    | 35.6  | 106.9 |

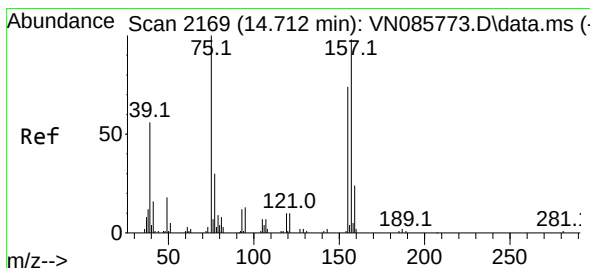
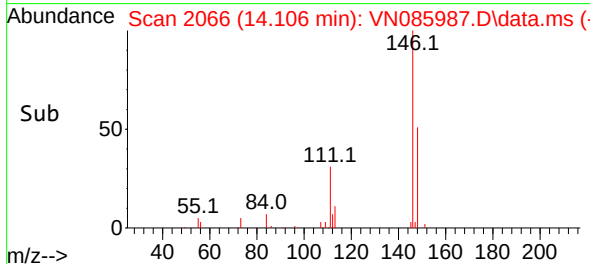
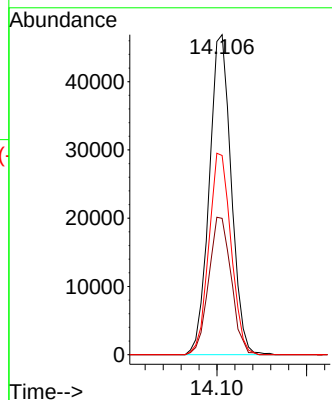
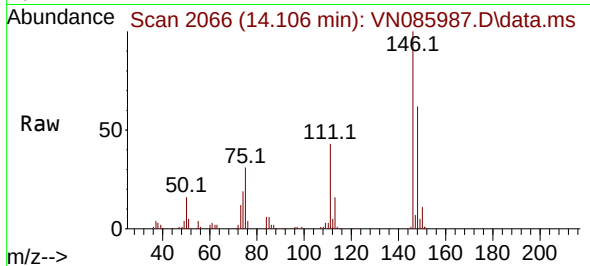




#91  
1,2-Dichlorobenzene  
Concen: 18.350 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

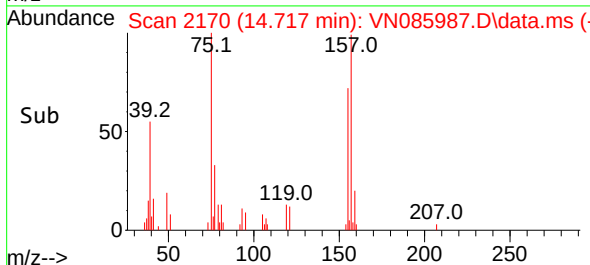
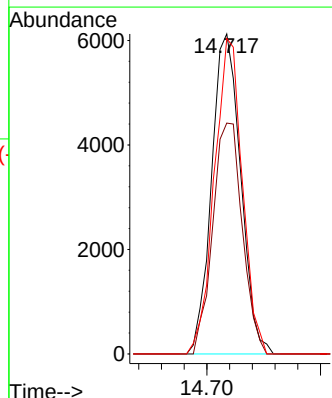
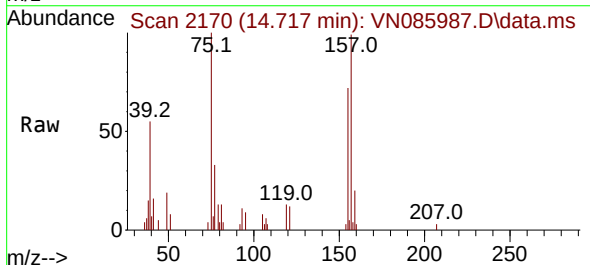
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0314WBS01

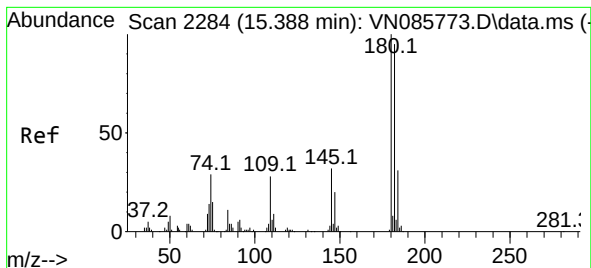
Tgt Ion:146 Resp: 79614  
Ion Ratio Lower Upper  
146 100  
111 44.0 21.4 64.3  
148 63.5 32.0 96.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.311 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. 0.006 min  
Lab File: VN085987.D  
Acq: 14 Mar 2025 13:48

Tgt Ion: 75 Resp: 10877  
Ion Ratio Lower Upper  
75 100  
155 73.5 39.9 119.6  
157 94.9 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 18.063 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

Instrument :

MSVOA\_N

ClientSampleId :

VN0314WBS01

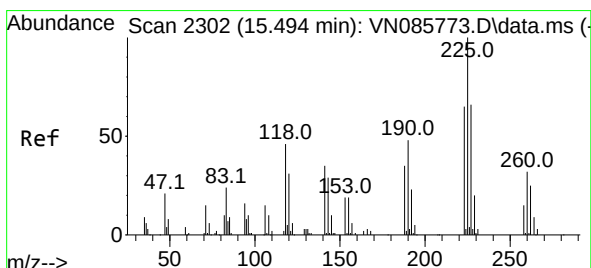
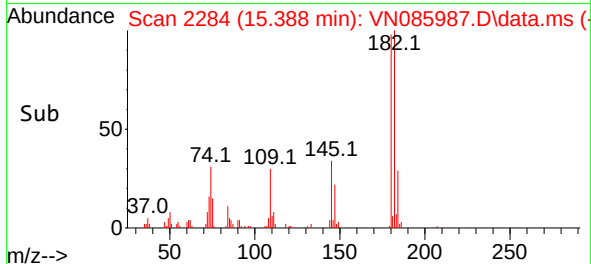
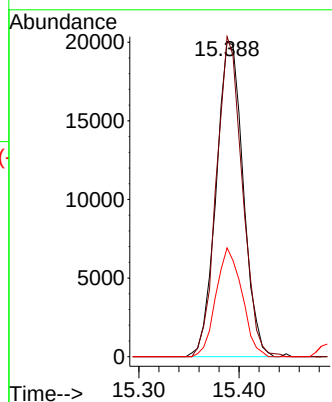
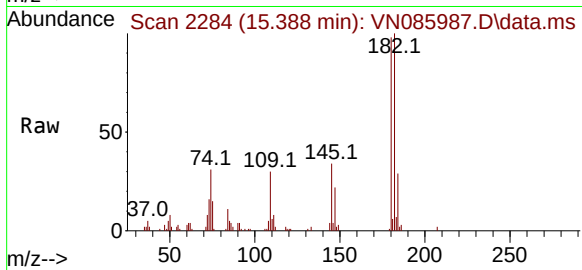
Tgt Ion:180 Resp: 37343

Ion Ratio Lower Upper

180 100

182 97.2 47.3 141.9

145 33.2 16.2 48.5



#94

Hexachlorobutadiene

Concen: 18.472 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

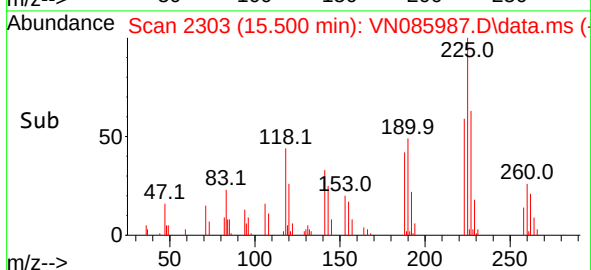
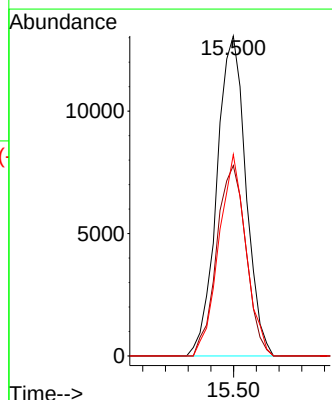
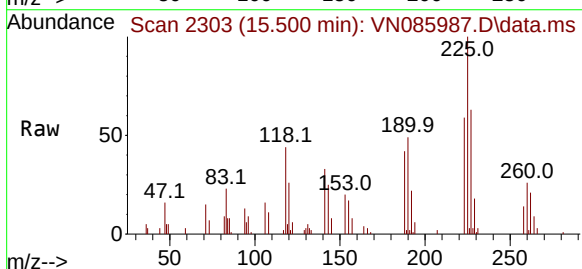
Tgt Ion:225 Resp: 23209

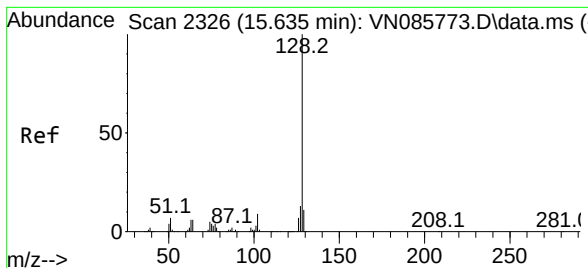
Ion Ratio Lower Upper

225 100

223 60.2 31.9 95.5

227 59.0 32.2 96.6





#95

Naphthalene

Concen: 18.070 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

Instrument :

MSVOA\_N

ClientSampleId :

VN0314WBS01

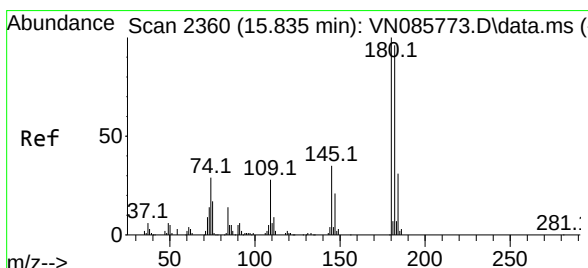
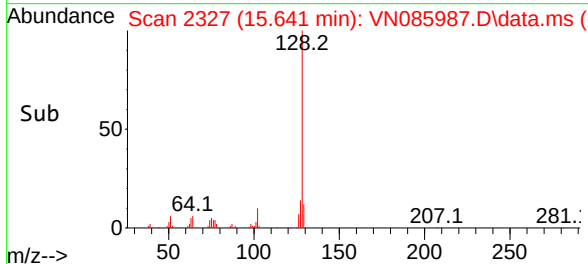
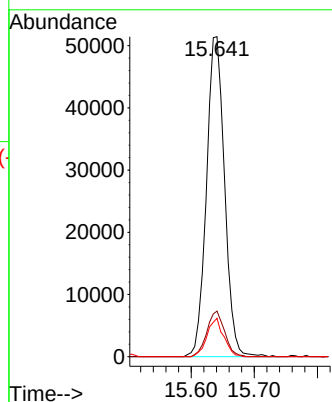
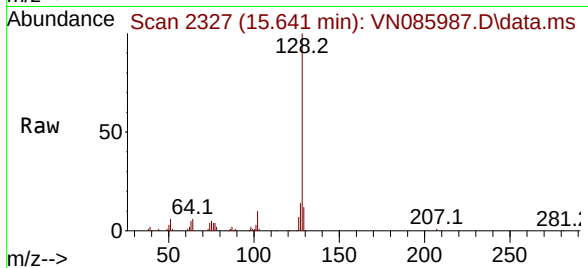
Tgt Ion:128 Resp: 102561

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.2

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.618 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

Tgt Ion:180 Resp: 38643

Ion Ratio Lower Upper

180 100

182 91.2 47.3 141.8

145 33.9 16.9 50.6

