

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN040725\  
 Data File : VN086233.D  
 Acq On : 07 Apr 2025 13:33  
 Operator : JC\MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100

Quant Time: Apr 08 03:52:30 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N040725W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 08 03:08:50 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------------|----------|
| -----                        |        |       |          |          |             |          |
| Internal Standards           |        |       |          |          |             |          |
| 1) Pentafluorobenzene        | 8.218  | 168   | 84987    | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.094  | 114   | 132456   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 117626   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.788 | 152   | 57145    | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds  |        |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4    | 8.577  | 65    | 69556    | 64.699   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | = 129.400%# |          |
| 35) Dibromofluoromethane     | 8.165  | 113   | 45480    | 67.933   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 135.860%# |          |
| 50) Toluene-d8               | 10.565 | 98    | 201317   | 72.648   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | = 145.300%# |          |
| 62) 4-Bromofluorobenzene     | 12.847 | 95    | 73503    | 75.052   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | = 150.100%# |          |
| Target Compounds             |        |       |          |          |             | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 24978    | 33.855   | ug/l        | 97       |
| 3) Chloromethane             | 2.359  | 50    | 24919    | 29.922   | ug/l        | 98       |
| 4) Vinyl Chloride            | 2.518  | 62    | 23509    | 31.550   | ug/l        | 97       |
| 5) Bromomethane              | 2.965  | 94    | 11977    | 32.371   | ug/l        | 86       |
| 6) Chloroethane              | 3.124  | 64    | 12923    | 29.321   | ug/l #      | 74       |
| 7) Trichlorofluoromethane    | 3.500  | 101   | 30832    | 28.373   | ug/l        | 100      |
| 8) Diethyl Ether             | 3.959  | 74    | 10141    | 30.332   | ug/l        | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 4.377  | 101   | 18334    | 32.270   | ug/l        | 98       |
| 10) Methyl Iodide            | 4.589  | 142   | 22258    | 33.232   | ug/l        | 97       |
| 11) Tert butyl alcohol       | 5.506  | 59    | 15706    | 161.378  | ug/l #      | 84       |
| 12) 1,1-Dichloroethene       | 4.336  | 96    | 16521    | 28.761   | ug/l        | 99       |
| 13) Acrolein                 | 4.171  | 56    | 117060   | 777.216  | ug/l        | 99       |
| 14) Allyl chloride           | 5.030  | 41    | 24479    | 30.801   | ug/l        | 89       |
| 15) Acrylonitrile            | 5.712  | 53    | 42303    | 143.911  | ug/l        | 99       |
| 16) Acetone                  | 4.424  | 43    | 25590    | 103.893  | ug/l        | 89       |
| 17) Carbon Disulfide         | 4.712  | 76    | 52313    | 28.460   | ug/l        | 99       |
| 18) Methyl Acetate           | 5.024  | 43    | 18715    | 24.724   | ug/l        | 98       |
| 19) Methyl tert-butyl Ether  | 5.783  | 73    | 57331    | 29.801   | ug/l        | 92       |
| 20) Methylene Chloride       | 5.277  | 84    | 20171    | 30.957   | ug/l        | 96       |
| 21) trans-1,2-Dichloroethene | 5.783  | 96    | 19066    | 30.080   | ug/l        | 94       |
| 22) Diisopropyl ether        | 6.665  | 45    | 48608    | 30.654   | ug/l        | 96       |
| 23) Vinyl Acetate            | 6.594  | 43    | 178216   | 156.269  | ug/l        | 98       |
| 24) 1,1-Dichloroethane       | 6.559  | 63    | 31192    | 28.138   | ug/l        | 98       |
| 25) 2-Butanone               | 7.477  | 43    | 43692    | 123.600  | ug/l        | 93       |
| 26) 2,2-Dichloropropane      | 7.488  | 77    | 30790    | 27.649   | ug/l        | 100      |
| 27) cis-1,2-Dichloroethene   | 7.482  | 96    | 21383    | 27.965   | ug/l        | 97       |
| 28) Bromochloromethane       | 7.812  | 49    | 18474    | 35.676   | ug/l        | 95       |
| 29) Tetrahydrofuran          | 7.835  | 42    | 32663    | 144.467  | ug/l        | 96       |
| 30) Chloroform               | 7.959  | 83    | 35818    | 28.341   | ug/l        | 91       |
| 31) Cyclohexane              | 8.253  | 56    | 36671    | 36.446   | ug/l #      | 93       |
| 32) 1,1,1-Trichloroethane    | 8.165  | 97    | 33352    | 28.902   | ug/l        | 93       |
| 36) 1,1-Dichloropropene      | 8.371  | 75    | 24177    | 33.139   | ug/l        | 96       |
| 37) Ethyl Acetate            | 7.553  | 43    | 20109    | 30.537   | ug/l        | 96       |
| 38) Carbon Tetrachloride     | 8.359  | 117   | 28899    | 30.652   | ug/l        | 96       |
| 39) Methylcyclohexane        | 9.600  | 83    | 31991    | 36.639   | ug/l        | 93       |
| 40) Benzene                  | 8.600  | 78    | 77686    | 30.753   | ug/l        | 100      |

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 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100

Quant Time: Apr 08 03:52:30 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N040725W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 08 03:08:50 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.765  | 41   | 11427    | 31.327  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 26894    | 32.096  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.682  | 43   | 36925    | 24.169  | ug/l   | 95       |
| 44) Trichloroethene           | 9.347  | 130  | 20471    | 31.582  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 18149    | 32.069  | ug/l # | 85       |
| 46) Dibromomethane            | 9.706  | 93   | 13374    | 31.881  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.882  | 83   | 28197    | 31.889  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.676  | 41   | 15199    | 31.626  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.688  | 88   | 7878     | 695.524 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 99899    | 157.410 | ug/l   | 99       |
| 52) Toluene                   | 10.629 | 92   | 49513    | 32.760  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.829 | 75   | 29045    | 31.734  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 30460    | 30.870  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 17661    | 29.917  | ug/l   | 87       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 25265    | 34.000  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 30783    | 31.976  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.153 | 63   | 33328    | 84.015  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.194 | 43   | 73550    | 165.074 | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.359 | 129  | 21235    | 30.656  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 18211    | 33.187  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.100 | 164  | 25323    | 36.515  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.888 | 112  | 54622    | 31.784  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 18824    | 30.766  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.959 | 91   | 96997    | 35.603  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.070 | 106  | 79165    | 76.007  | ug/l   | 98       |
| 69) o-Xylene                  | 12.394 | 106  | 36240    | 35.199  | ug/l   | 100      |
| 70) Styrene                   | 12.412 | 104  | 56411    | 36.077  | ug/l   | 100      |
| 71) Bromoform                 | 12.576 | 173  | 14100    | 31.168  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 103660   | 39.630  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.488 | 43   | 26647    | 33.577  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 22152    | 28.101  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 34482    | 39.011  | ug/l   | 76       |
| 77) Bromobenzene              | 12.976 | 156  | 23036    | 33.504  | ug/l   | 95       |
| 78) n-propylbenzene           | 13.029 | 91   | 119511   | 40.851  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 76200    | 37.464  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 89151    | 41.657  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 9353     | 35.808  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 75700    | 38.324  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 75022    | 41.010  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 91738    | 43.306  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.611 | 105  | 101016   | 41.838  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.723 | 119  | 85145    | 42.511  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 49006    | 36.831  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.811 | 146  | 48438    | 35.590  | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.053 | 91   | 70181    | 41.698  | ug/l   | 95       |
| 90) Hexachloroethane          | 14.329 | 117  | 14284    | 36.780  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 46333    | 34.686  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 5168     | 29.329  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 27103    | 39.907  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 13335    | 35.848  | ug/l   | 97       |
| 95) Naphthalene               | 15.635 | 128  | 78510    | 39.953  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 26246    | 40.173  | ug/l   | 99       |

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Operator : JC\MD  
Sample : VSTDICC100  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

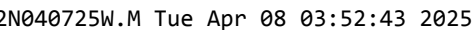
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

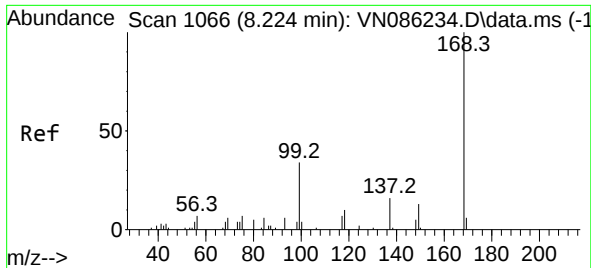
Quant Time: Apr 08 03:52:30 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N040725W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 08 03:08:50 2025  
Response via : Initial Calibration

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

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

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

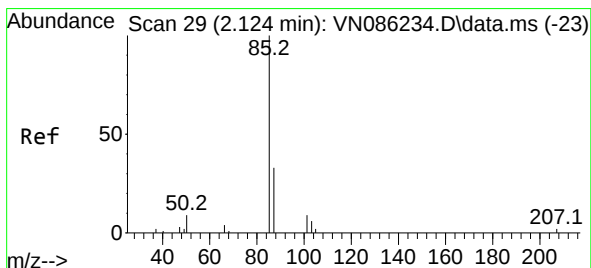
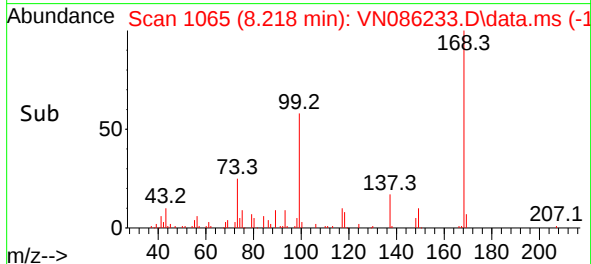
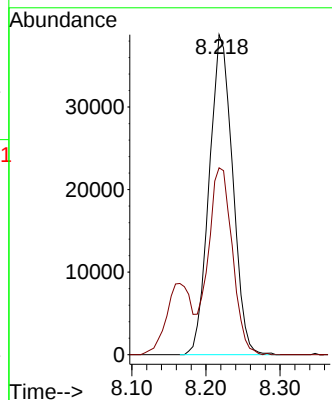
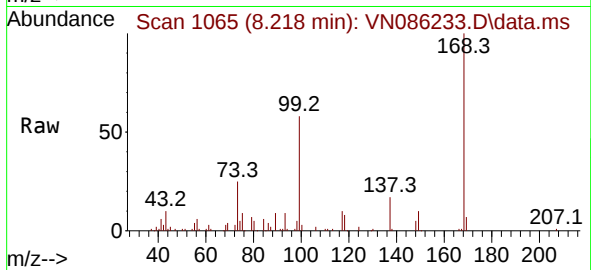




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

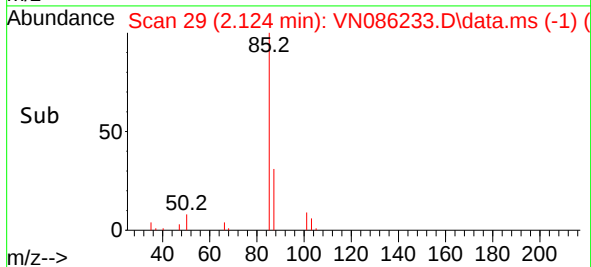
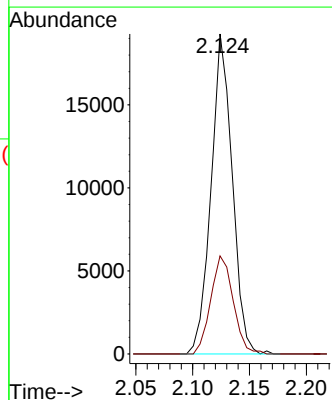
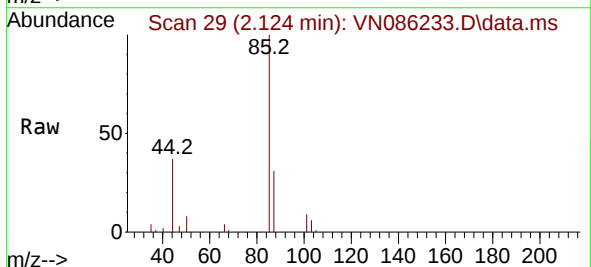
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

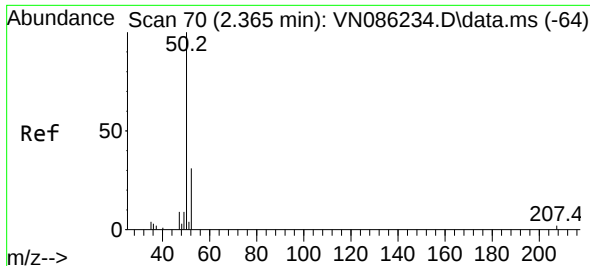
Tgt Ion:168 Resp: 84987  
Ion Ratio Lower Upper  
168 100  
99 58.4 43.8 65.8



#2  
Dichlorodifluoromethane  
Concen: 33.855 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion: 85 Resp: 24978  
Ion Ratio Lower Upper  
85 100  
87 30.6 16.3 48.8

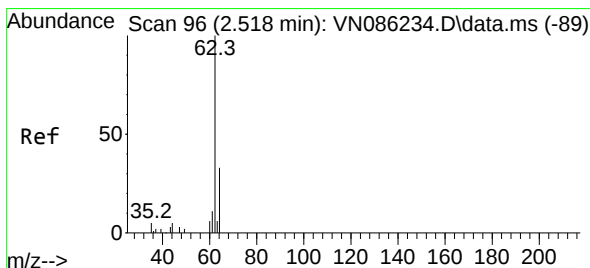
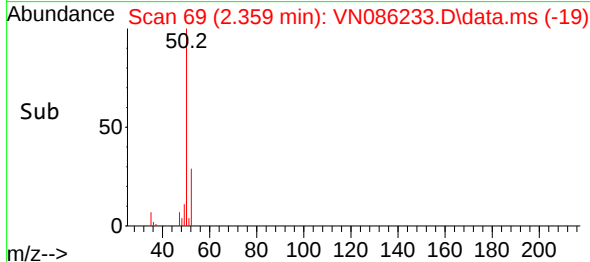
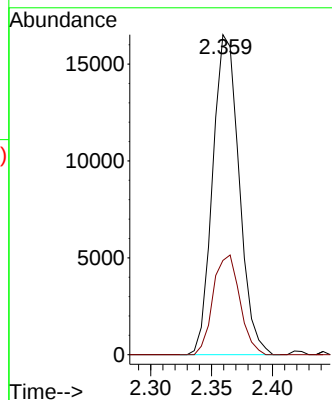
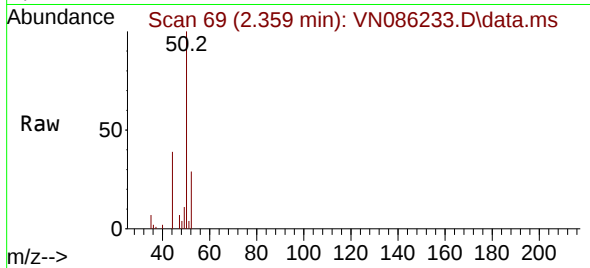




#3  
Chloromethane  
Concen: 29.922 ug/l  
RT: 2.359 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

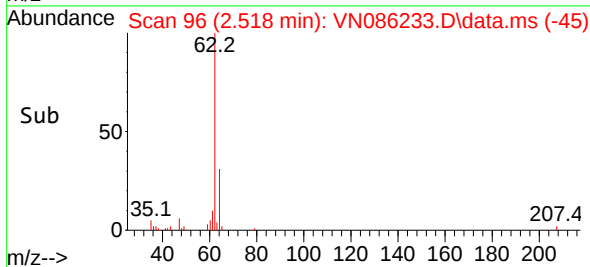
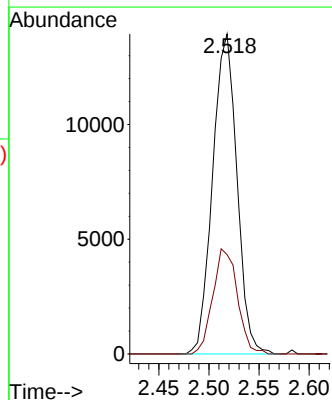
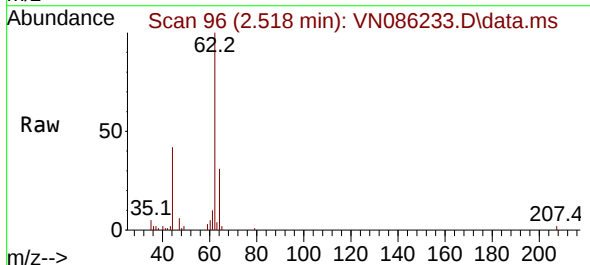
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

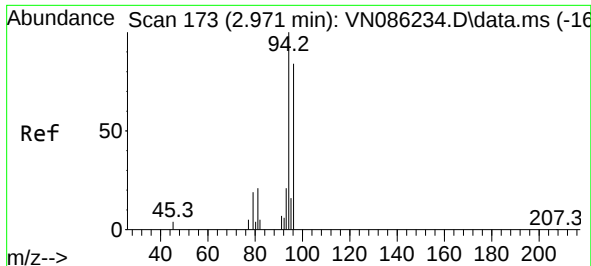
Tgt Ion: 50 Resp: 24919  
Ion Ratio Lower Upper  
50 100  
52 29.4 24.5 36.7



#4  
Vinyl Chloride  
Concen: 31.550 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion: 62 Resp: 23509  
Ion Ratio Lower Upper  
62 100  
64 31.1 26.4 39.6

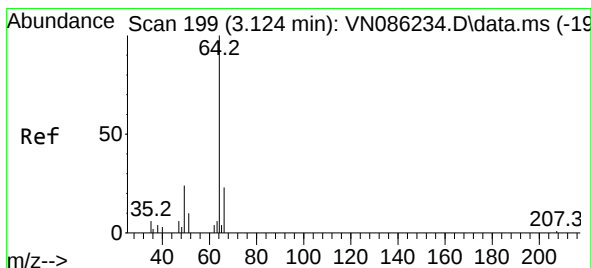
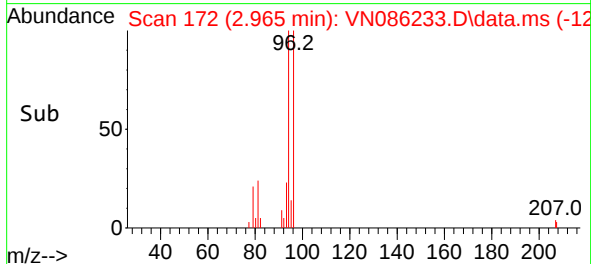
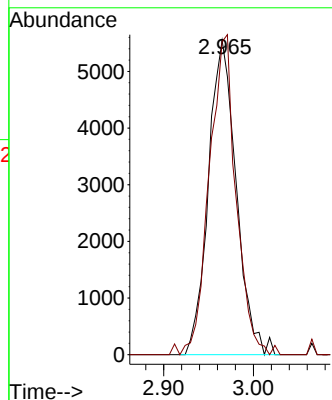
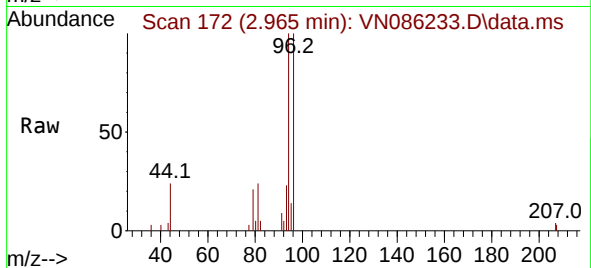




#5  
Bromomethane  
Concen: 32.371 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

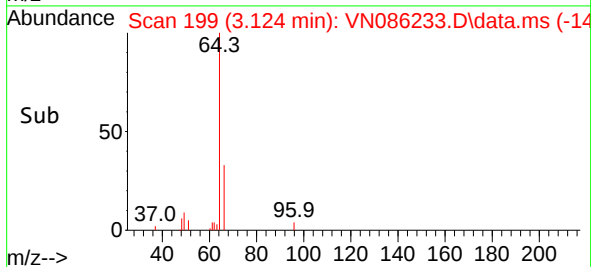
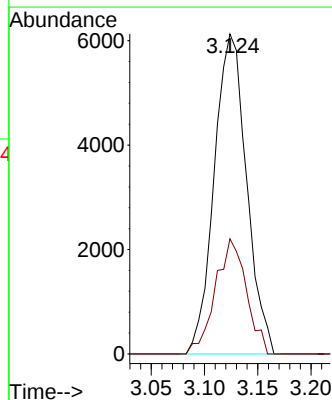
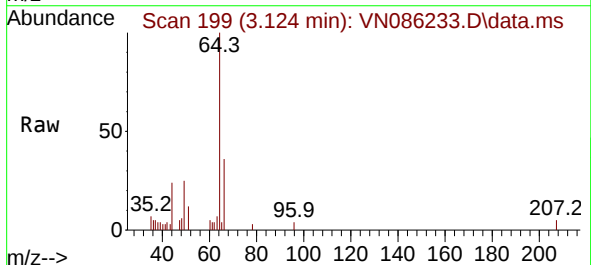
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

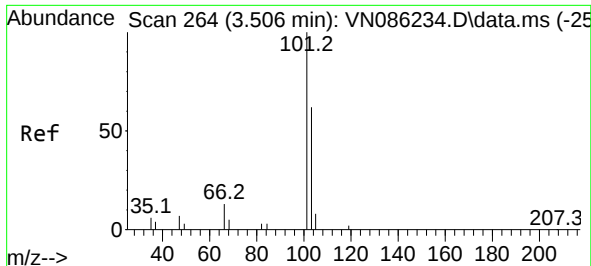
Tgt Ion: 94 Resp: 11977  
Ion Ratio Lower Upper  
94 100  
96 99.6 69.6 104.4



#6  
Chloroethane  
Concen: 29.321 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion: 64 Resp: 12923  
Ion Ratio Lower Upper  
64 100  
66 36.0 18.7 28.1#

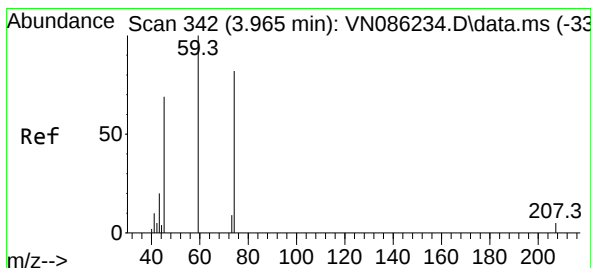
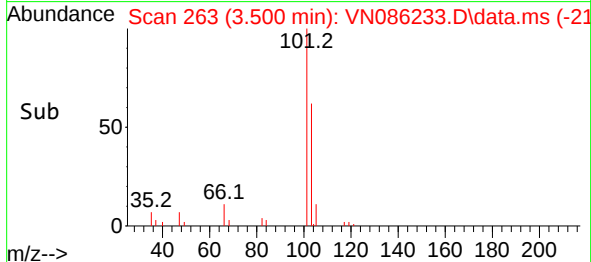
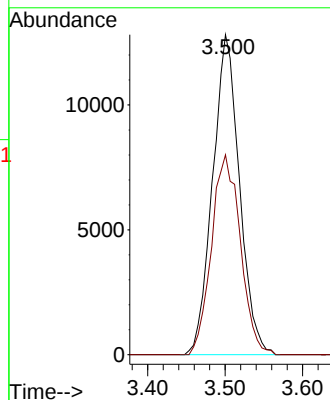
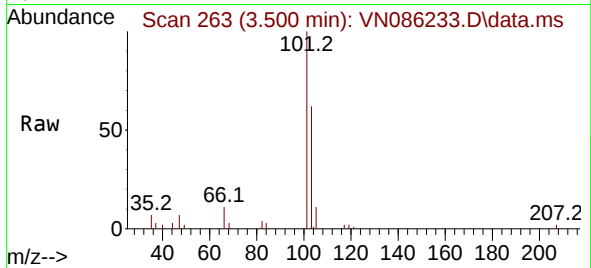




#7  
Trichlorofluoromethane  
Concen: 28.373 ug/l  
RT: 3.500 min Scan# 2  
Delta R.T. -0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

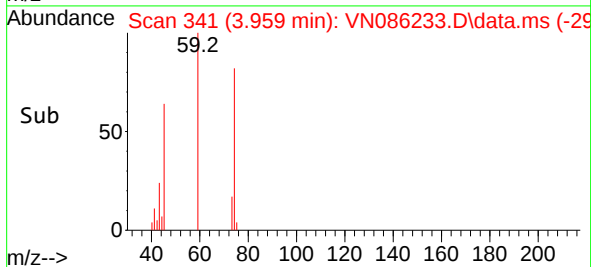
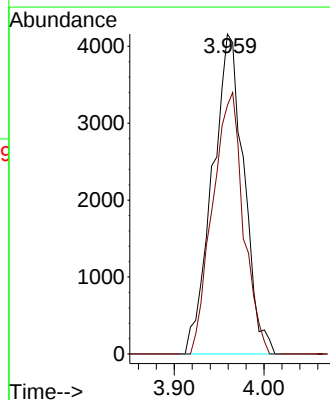
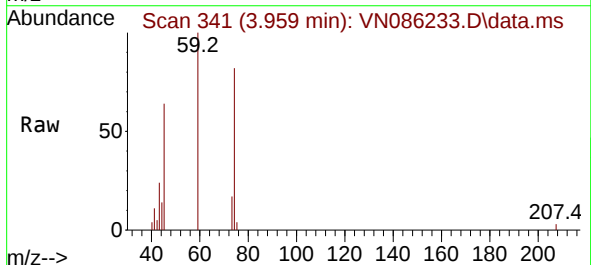
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

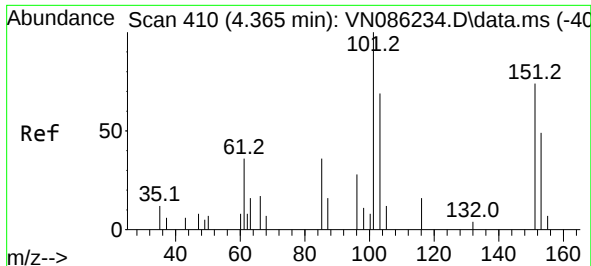
Tgt Ion:101 Resp: 30832  
Ion Ratio Lower Upper  
101 100  
103 62.5 50.0 75.0



#8  
Diethyl Ether  
Concen: 30.332 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion: 74 Resp: 10141  
Ion Ratio Lower Upper  
74 100  
45 79.9 38.6 116.0

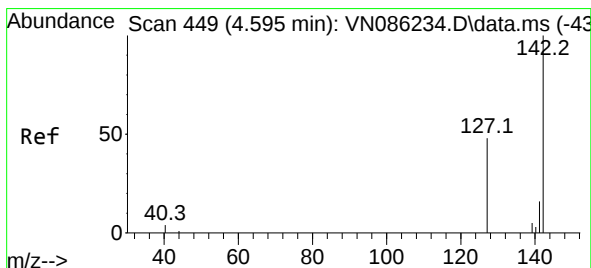
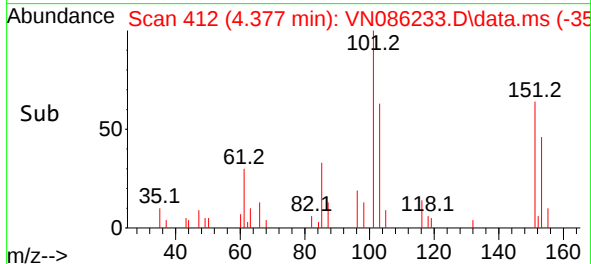
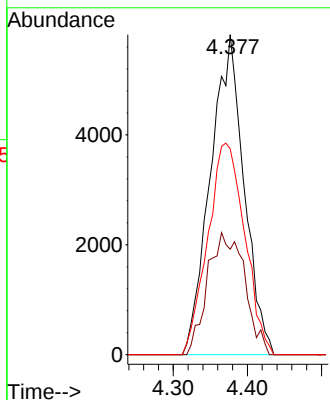
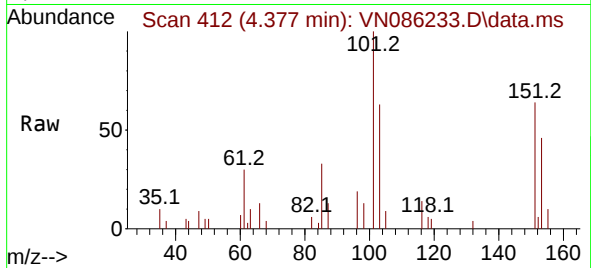




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 32.270 ug/l  
RT: 4.377 min Scan# 410  
Delta R.T. 0.012 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

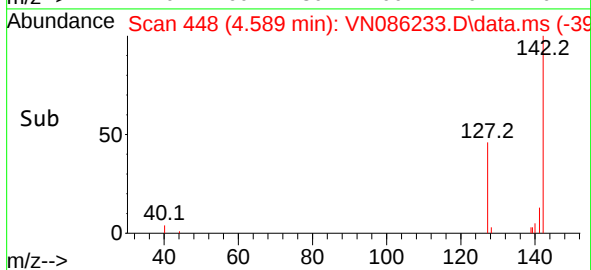
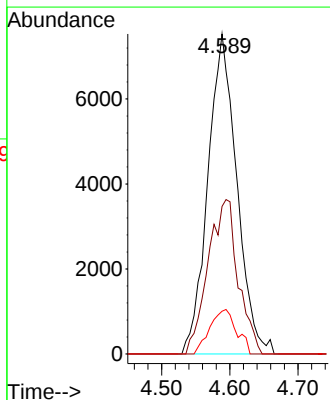
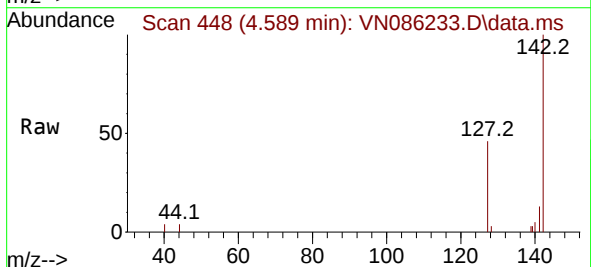
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

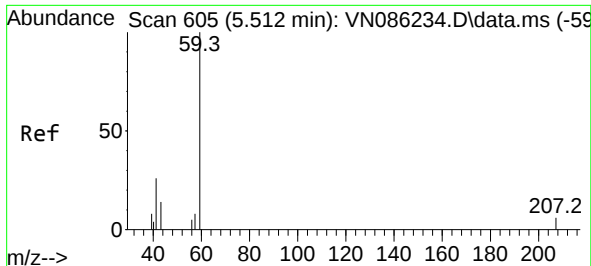
Tgt Ion:101 Resp: 18334  
Ion Ratio Lower Upper  
101 100  
85 42.0 34.6 52.0  
151 72.8 59.9 89.9



#10  
Methyl Iodide  
Concen: 33.232 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. -0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion:142 Resp: 22258  
Ion Ratio Lower Upper  
142 100  
127 46.1 38.3 57.5  
141 13.3 12.6 19.0

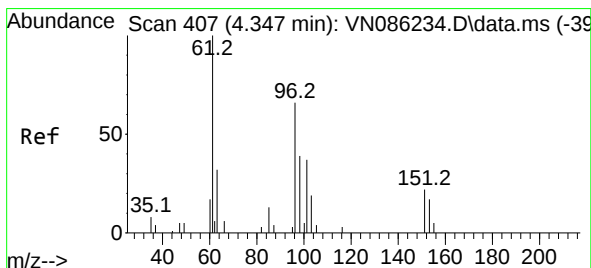
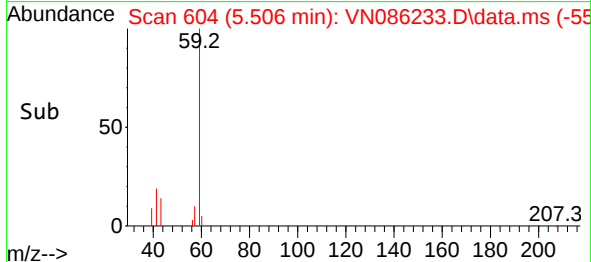
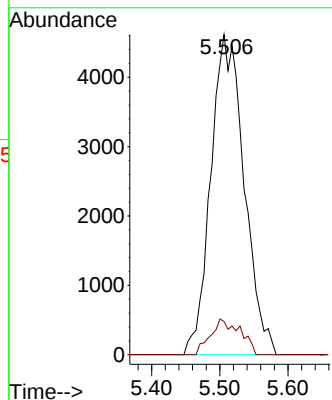
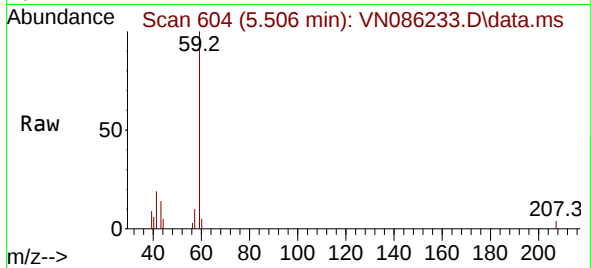




#11  
Tert butyl alcohol  
Concen: 161.378 ug/l  
RT: 5.506 min Scan# 605  
Delta R.T. -0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

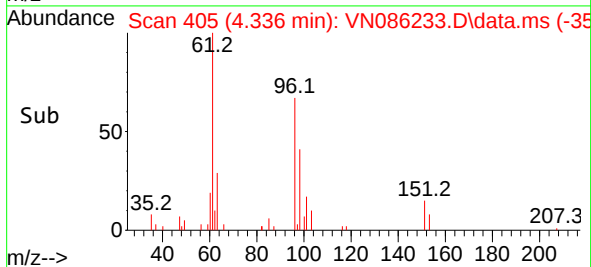
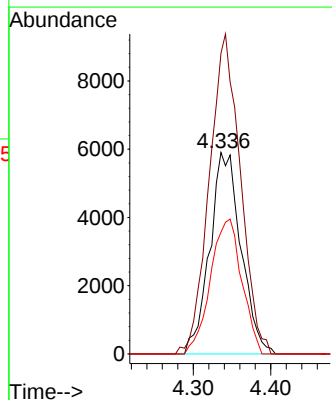
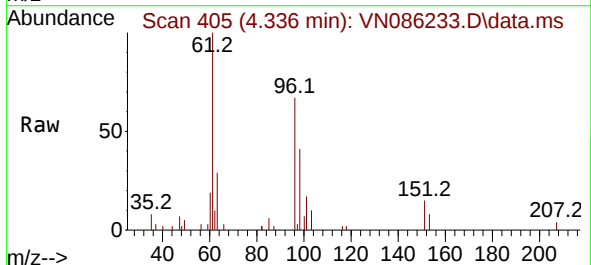
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

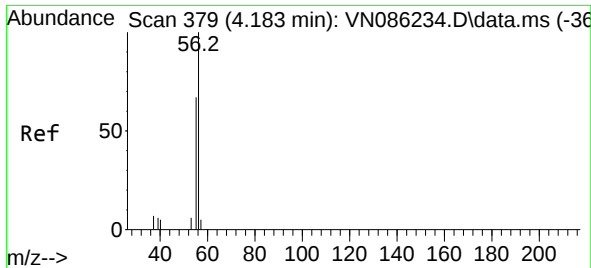
Tgt Ion: 59 Resp: 15706  
Ion Ratio Lower Upper  
59 100  
57 9.9 3.7 5.5#



#12  
1,1-Dichloroethene  
Concen: 28.761 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.012 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion: 96 Resp: 16521  
Ion Ratio Lower Upper  
96 100  
61 149.3 120.3 180.5  
98 60.5 46.6 70.0





#13

Acrolein

Concen: 777.216 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.012 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA\_N

ClientSampleId :

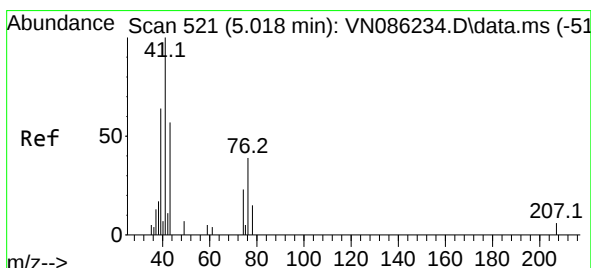
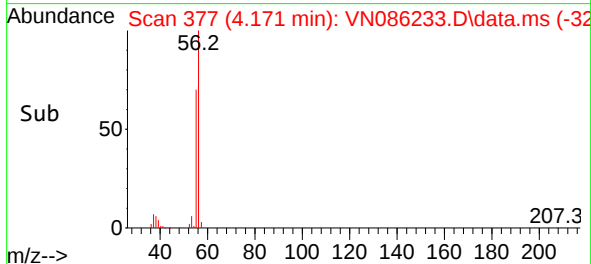
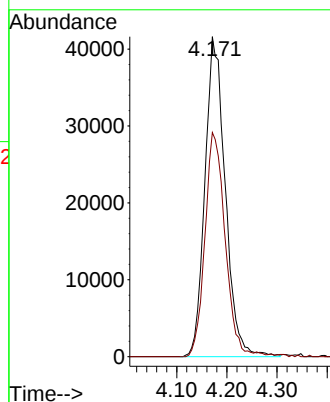
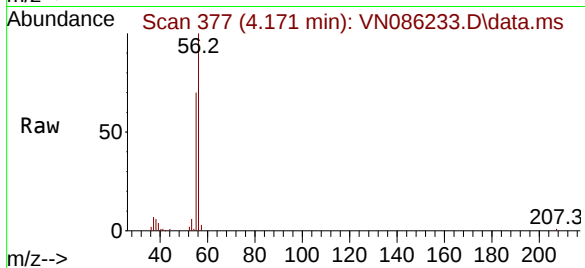
VSTDICC100

Tgt Ion: 56 Resp: 117060

Ion Ratio Lower Upper

56 100

55 69.2 54.6 82.0



#14

Allyl chloride

Concen: 30.801 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

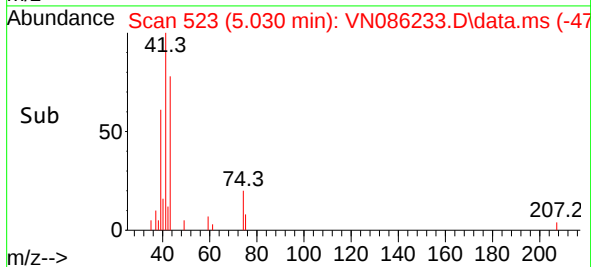
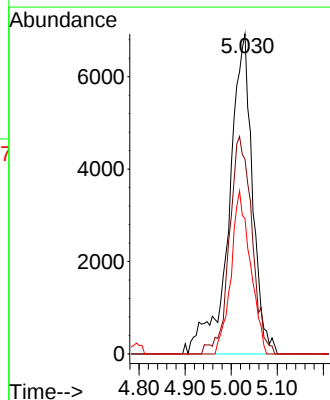
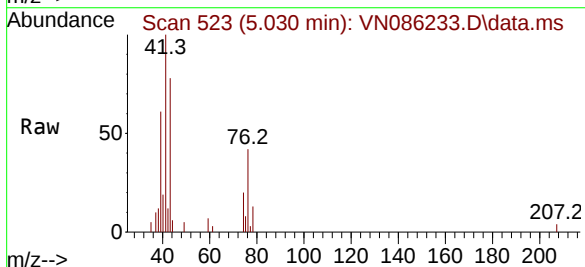
Tgt Ion: 41 Resp: 24479

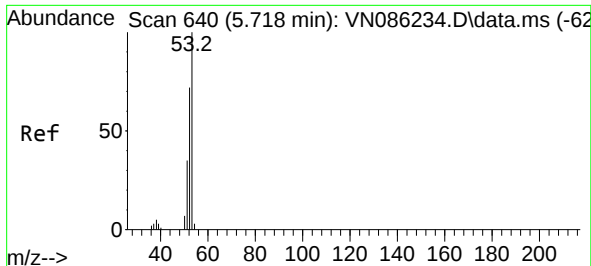
Ion Ratio Lower Upper

41 100

39 65.2 58.7 88.1

76 41.9 40.2 60.4

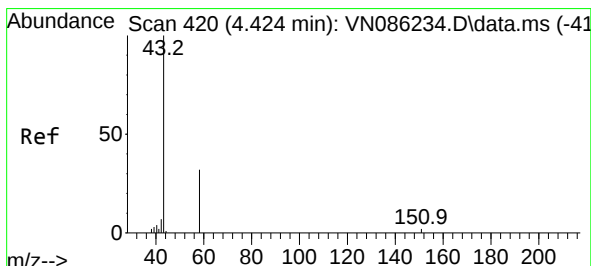
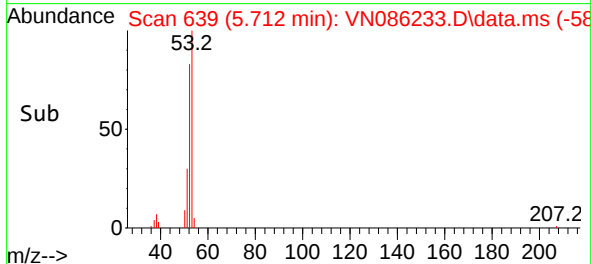
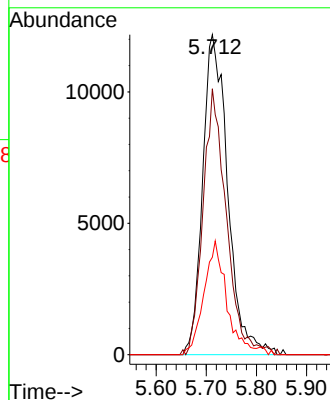
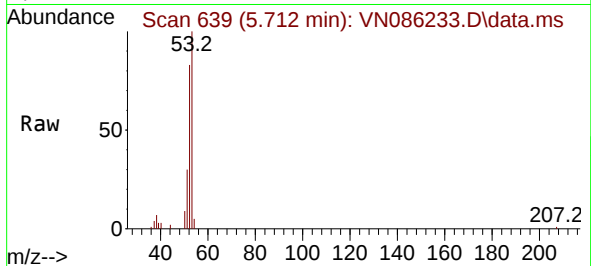




#15  
Acrylonitrile  
Concen: 143.911 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

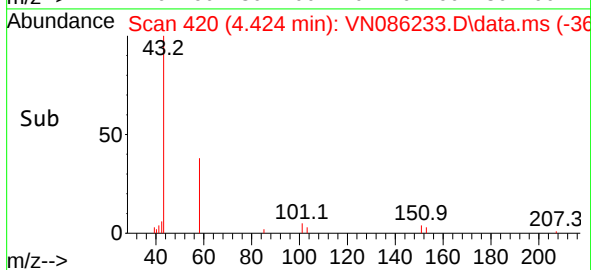
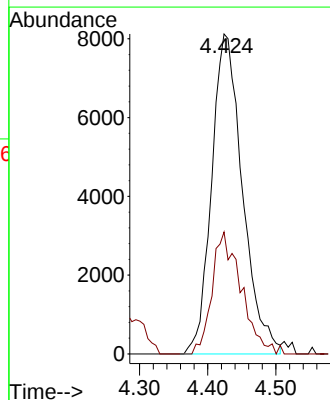
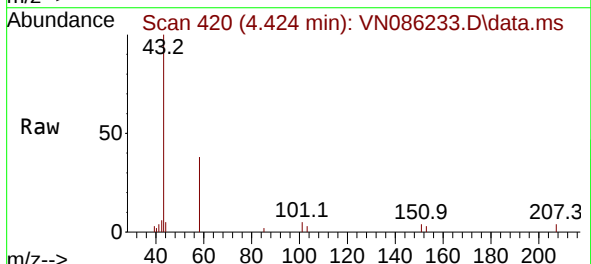
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

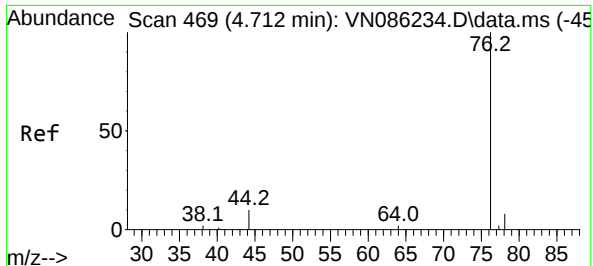
Tgt Ion: 53 Resp: 42303  
Ion Ratio Lower Upper  
53 100  
52 77.4 61.0 91.6  
51 32.3 25.4 38.0



#16  
Acetone  
Concen: 103.893 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion: 43 Resp: 25590  
Ion Ratio Lower Upper  
43 100  
58 38.1 25.8 38.6

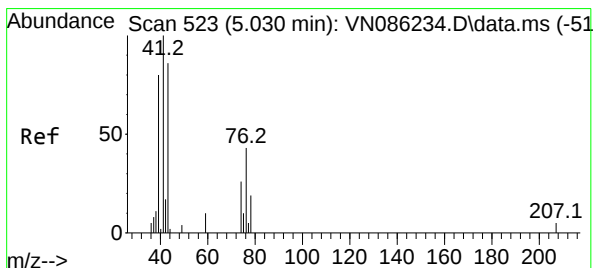
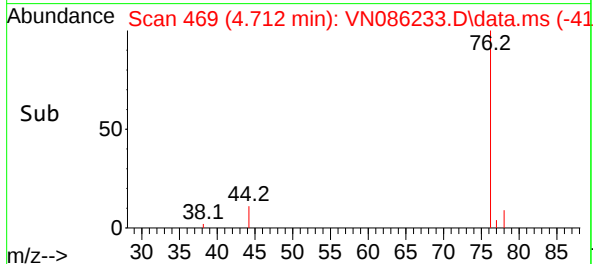
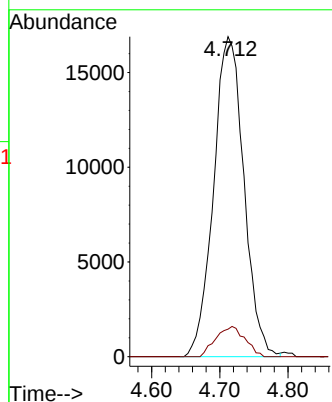
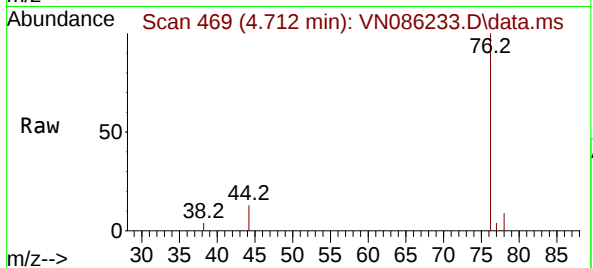




#17  
Carbon Disulfide  
Concen: 28.460 ug/l  
RT: 4.712 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

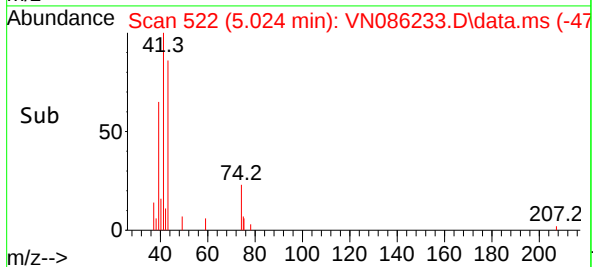
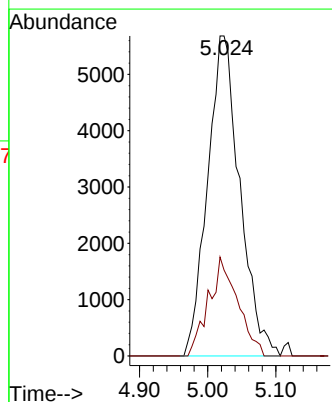
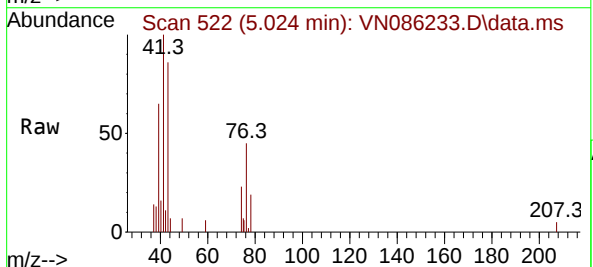
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

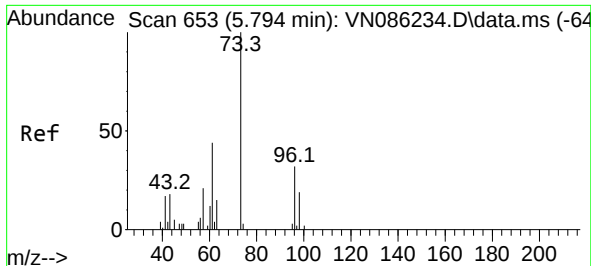
Tgt Ion: 76 Resp: 52313  
Ion Ratio Lower Upper  
76 100  
78 8.6 6.6 10.0



#18  
Methyl Acetate  
Concen: 24.724 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. -0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion: 43 Resp: 18715  
Ion Ratio Lower Upper  
43 100  
74 27.8 23.1 34.7

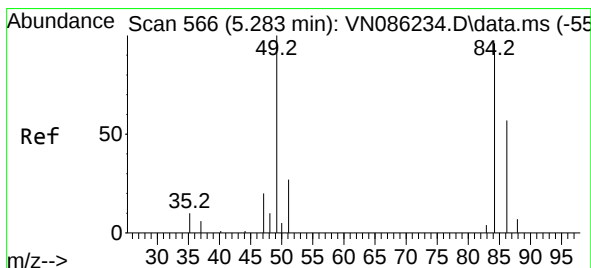
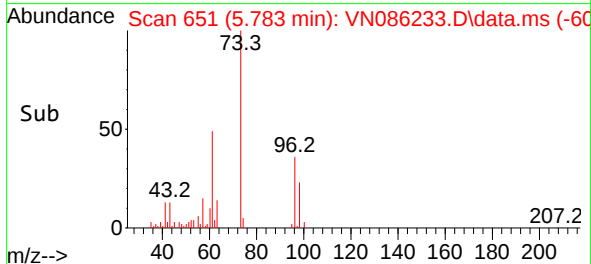
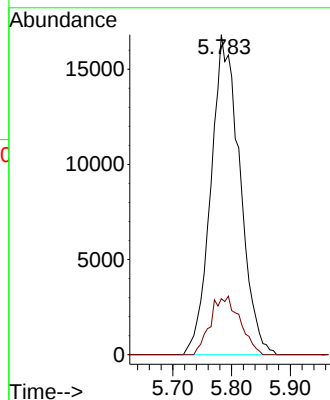
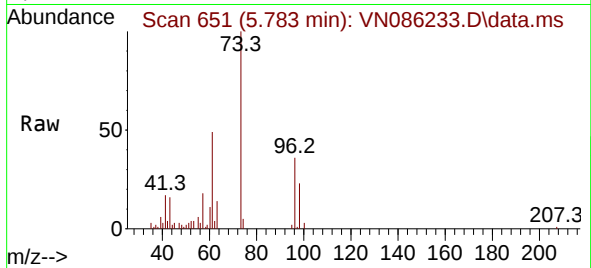




#19  
Methyl tert-butyl Ether  
Concen: 29.801 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

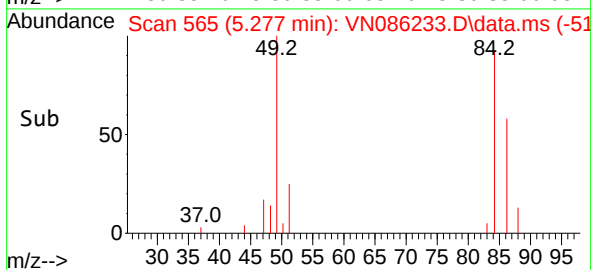
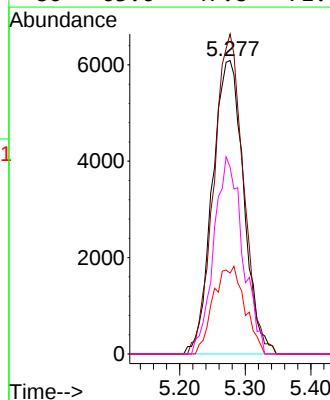
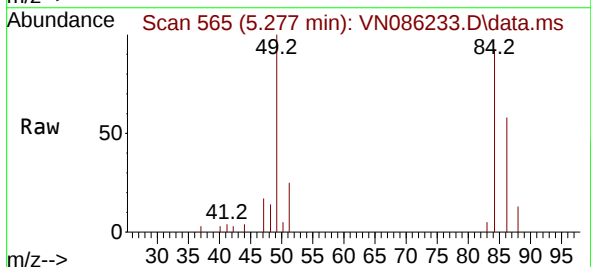
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

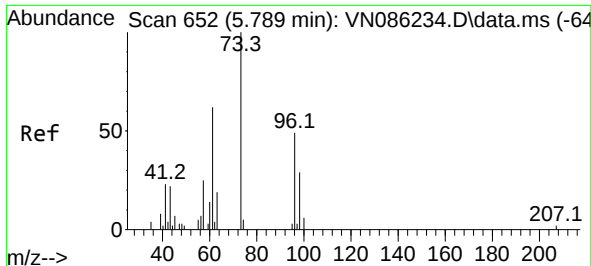
Tgt Ion: 73 Resp: 57331  
Ion Ratio Lower Upper  
73 100  
57 17.5 17.2 25.8



#20  
Methylene Chloride  
Concen: 30.957 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. -0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion: 84 Resp: 20171  
Ion Ratio Lower Upper  
84 100  
49 109.0 83.7 125.5  
51 27.6 22.7 34.1  
86 63.6 47.8 71.8

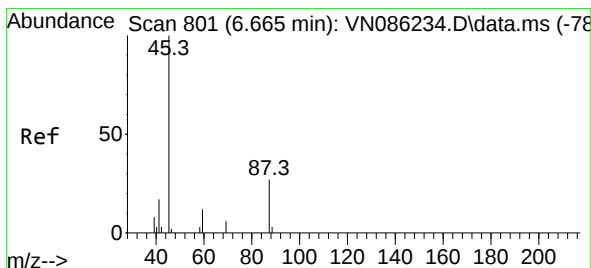
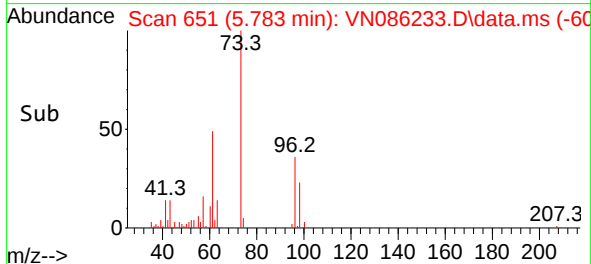
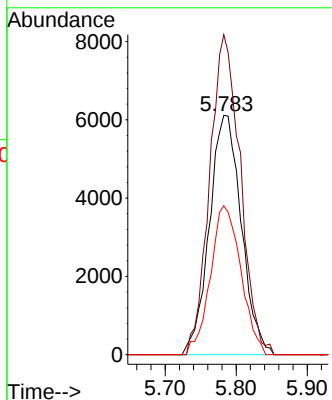
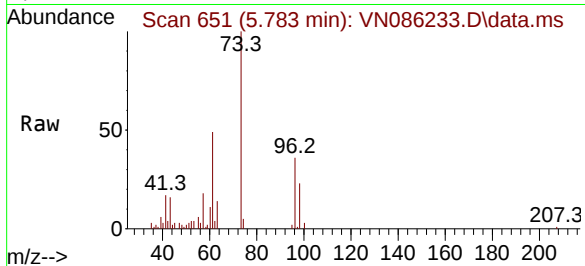




#21  
trans-1,2-Dichloroethene  
Concen: 30.080 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

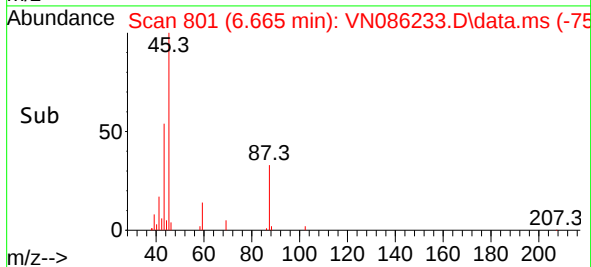
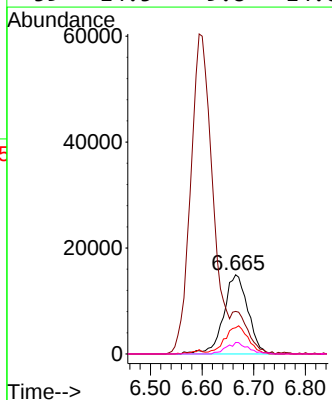
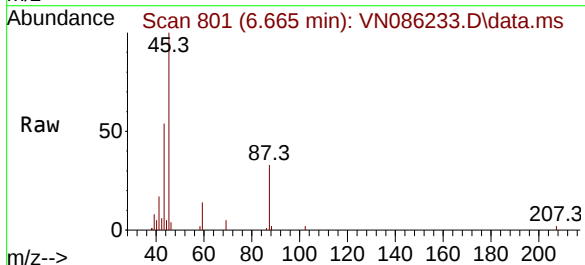
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

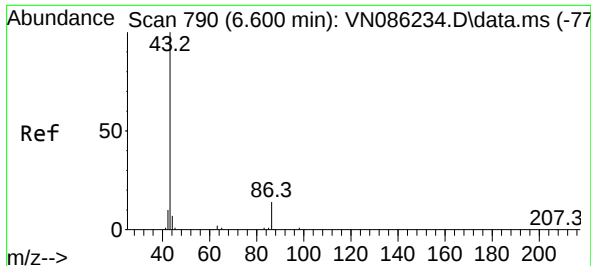
Tgt Ion: 96 Resp: 19066  
Ion Ratio Lower Upper  
96 100  
61 133.7 100.9 151.3  
98 62.2 47.7 71.5



#22  
Diisopropyl ether  
Concen: 30.654 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion: 45 Resp: 48608  
Ion Ratio Lower Upper  
45 100  
43 51.6 41.0 61.4  
87 33.2 22.8 34.2  
59 14.5 9.8 14.6

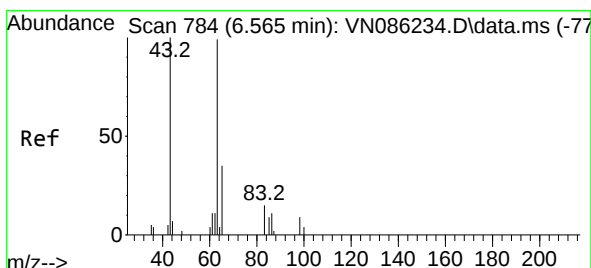
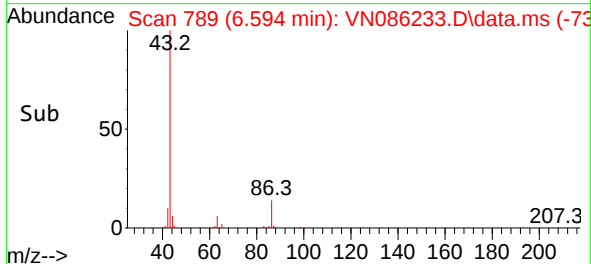
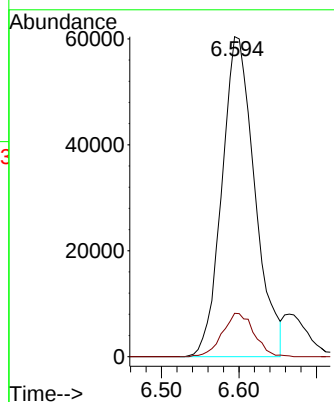
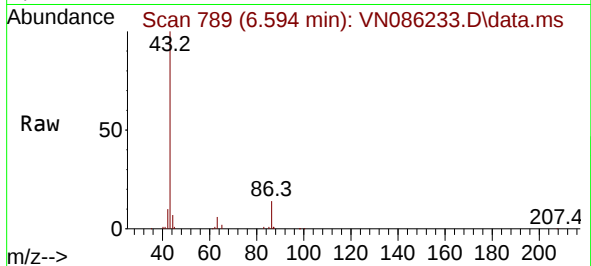




#23  
 Vinyl Acetate  
 Concen: 156.269 ug/l  
 RT: 6.594 min Scan# 789  
 Delta R.T. -0.006 min  
 Lab File: VN086233.D  
 Acq: 07 Apr 2025 13:33

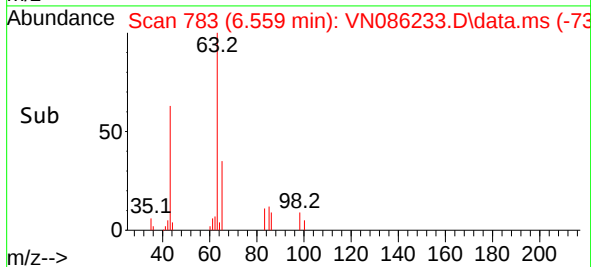
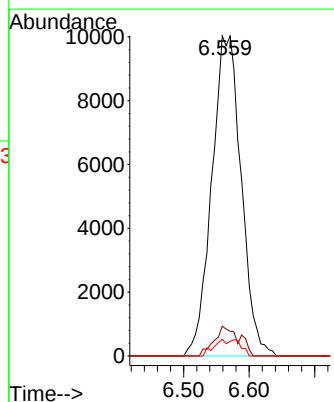
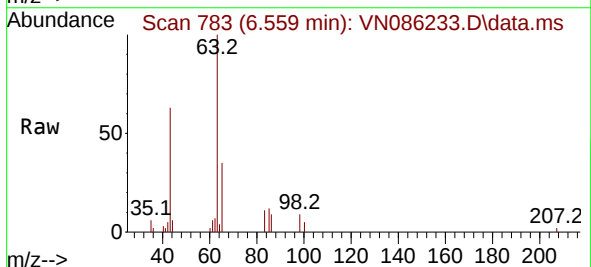
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

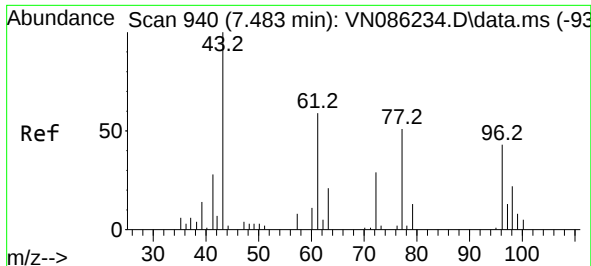
Tgt Ion: 43 Resp: 178216  
 Ion Ratio Lower Upper  
 43 100  
 86 13.5 11.5 17.3



#24  
 1,1-Dichloroethane  
 Concen: 28.138 ug/l  
 RT: 6.559 min Scan# 783  
 Delta R.T. -0.006 min  
 Lab File: VN086233.D  
 Acq: 07 Apr 2025 13:33

Tgt Ion: 63 Resp: 31192  
 Ion Ratio Lower Upper  
 63 100  
 98 9.3 4.6 13.8  
 100 5.2 1.8 5.5





#25

2-Butanone

Concen: 123.600 ug/l

RT: 7.477 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA\_N

ClientSampleId :

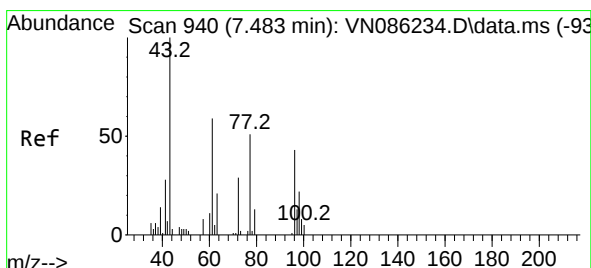
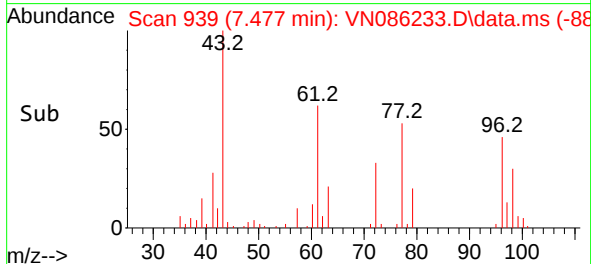
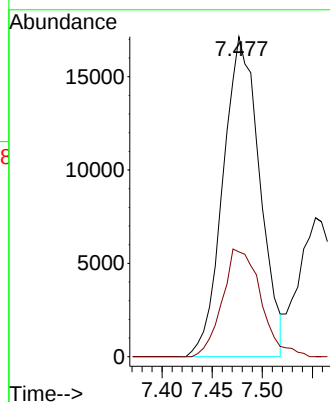
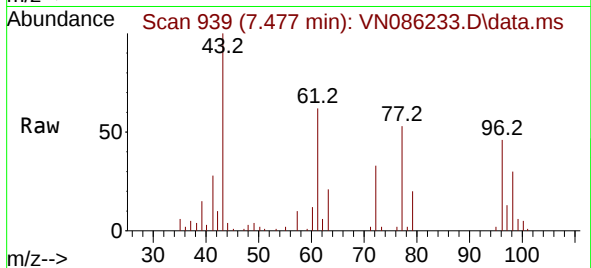
VSTDICC100

Tgt Ion: 43 Resp: 43692

Ion Ratio Lower Upper

43 100

72 32.7 23.1 34.7



#26

2,2-Dichloropropane

Concen: 27.649 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN086233.D

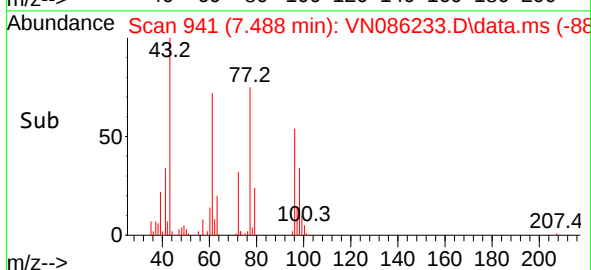
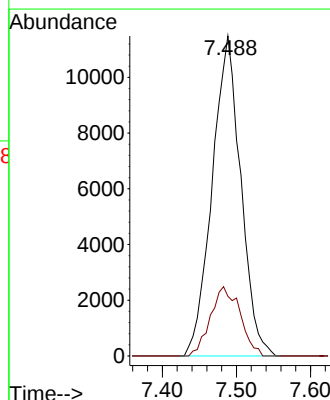
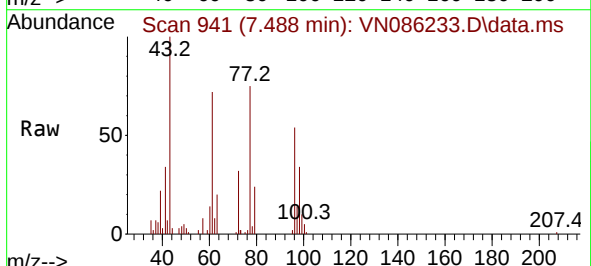
Acq: 07 Apr 2025 13:33

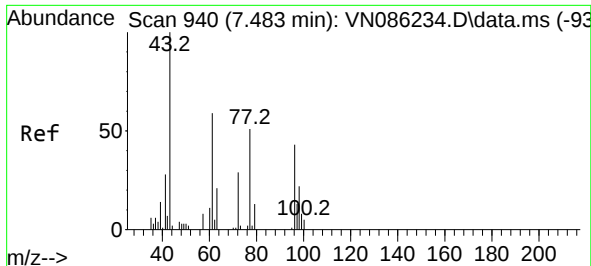
Tgt Ion: 77 Resp: 30790

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 27.965 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC100

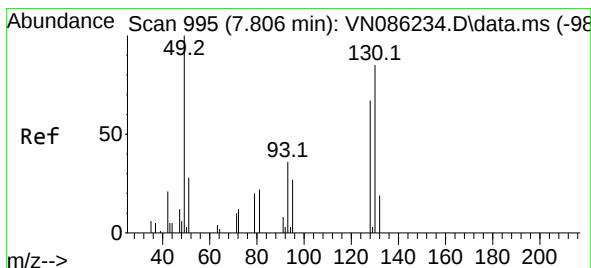
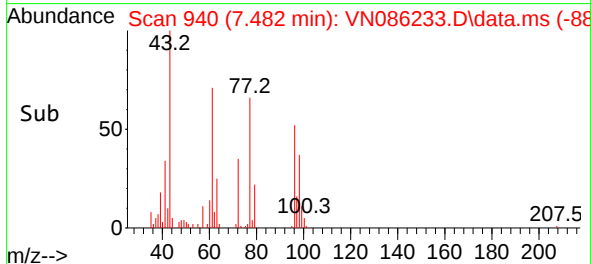
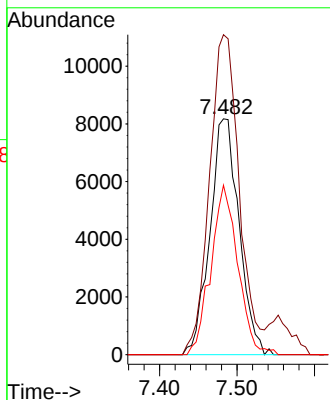
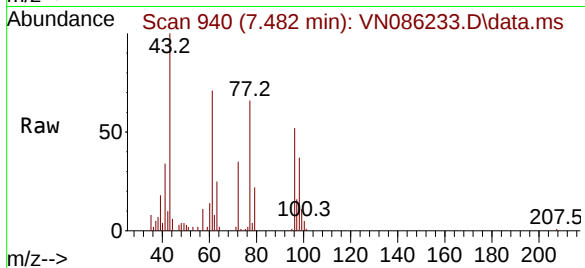
Tgt Ion: 96 Resp: 21383

Ion Ratio Lower Upper

96 100

61 138.9 0.0 270.8

98 66.6 0.0 127.0



#28

Bromochloromethane

Concen: 35.676 ug/l

RT: 7.812 min Scan# 996

Delta R.T. 0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

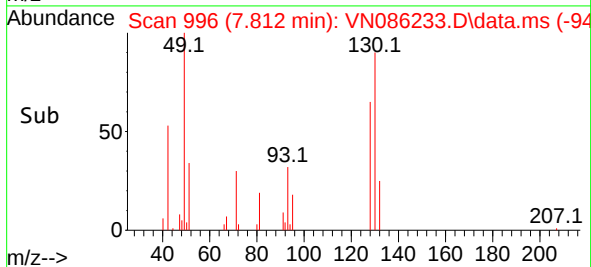
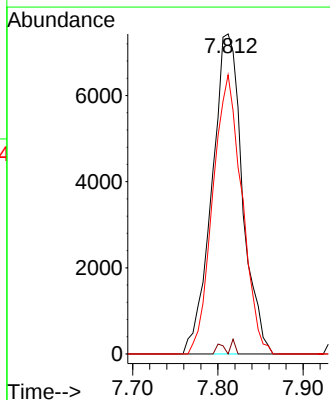
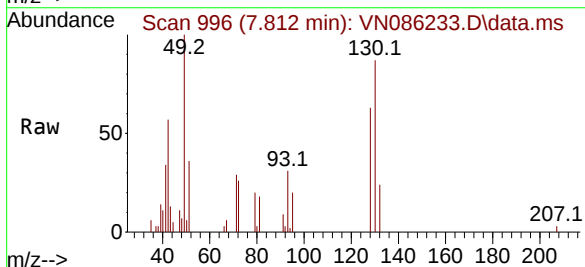
Tgt Ion: 49 Resp: 18474

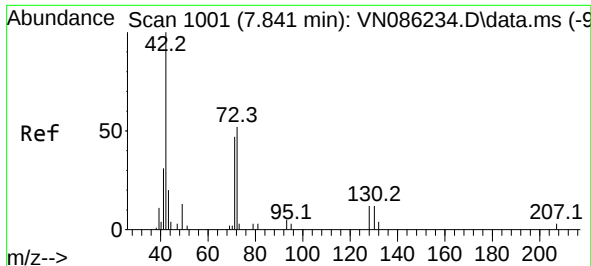
Ion Ratio Lower Upper

49 100

129 0.8 0.0 3.0

130 83.3 70.5 105.7





#29

Tetrahydrofuran

Concen: 144.467 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

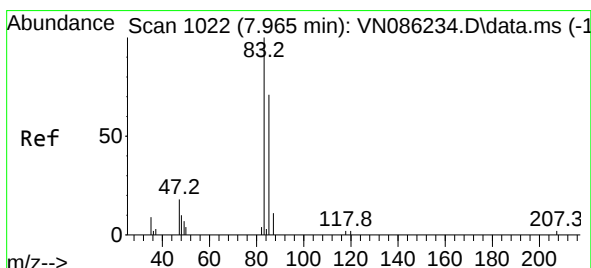
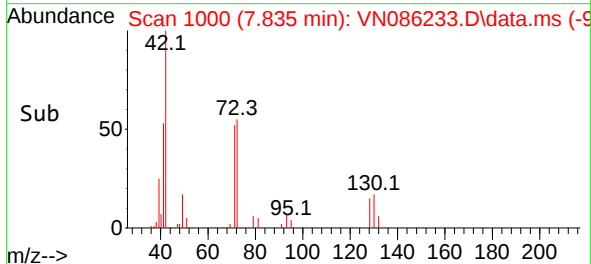
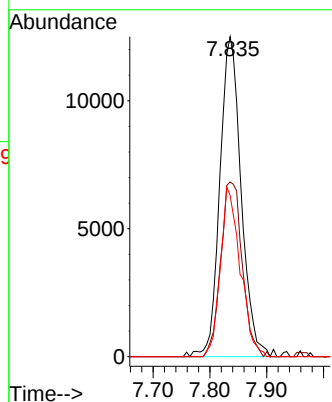
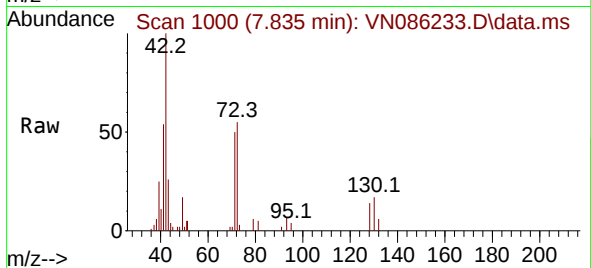
Tgt Ion: 42 Resp: 32663

Ion Ratio Lower Upper

42 100

72 55.2 40.8 61.2

71 49.5 38.2 57.4



#30

Chloroform

Concen: 28.341 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN086233.D

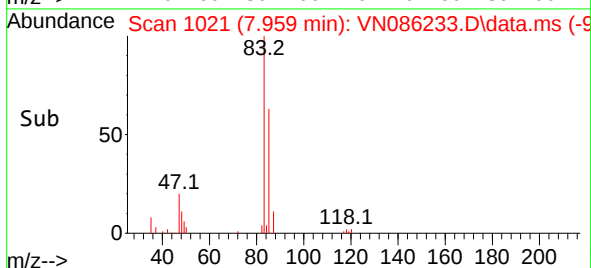
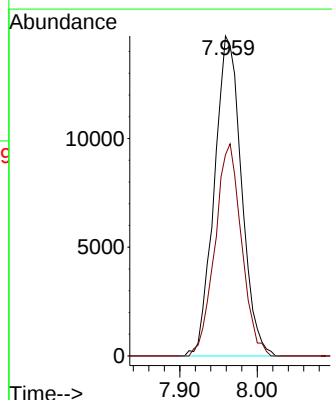
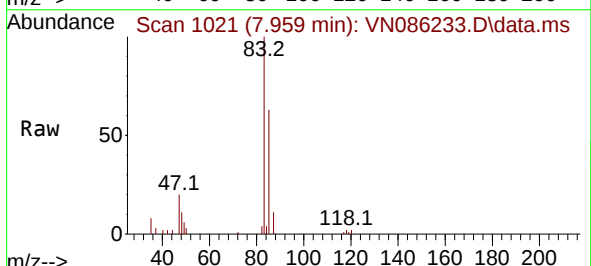
Acq: 07 Apr 2025 13:33

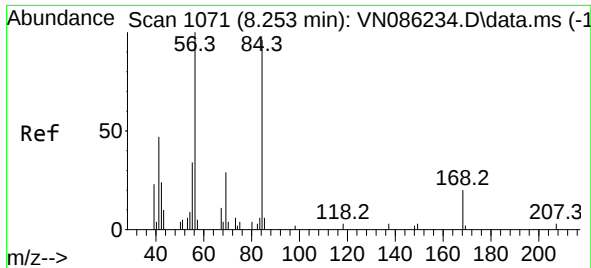
Tgt Ion: 83 Resp: 35818

Ion Ratio Lower Upper

83 100

85 62.9 56.4 84.6

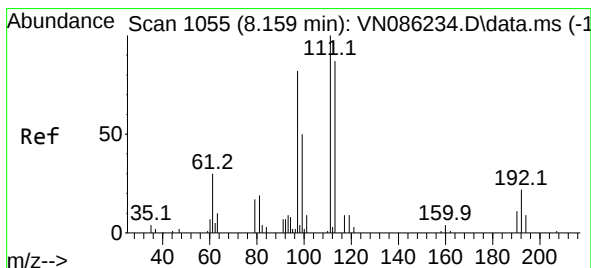
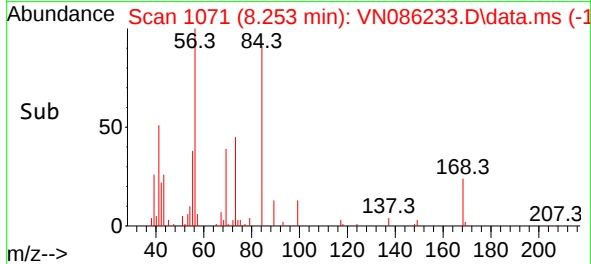
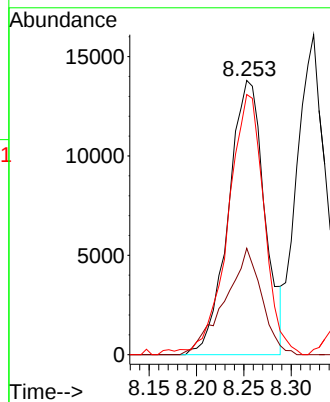
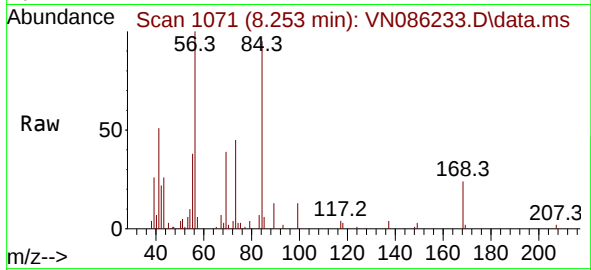




#31  
Cyclohexane  
Concen: 36.446 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

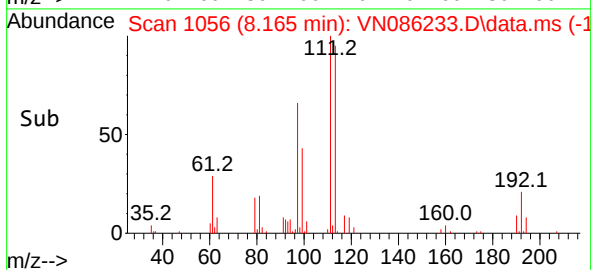
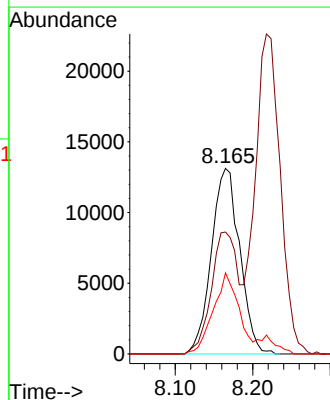
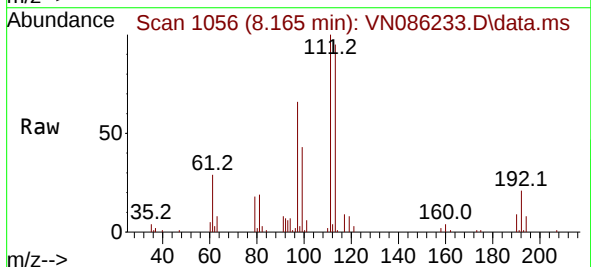
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

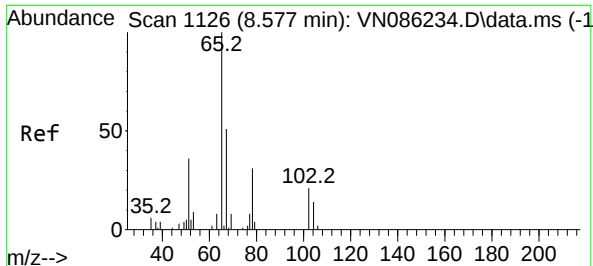
Tgt Ion: 56 Resp: 36671  
Ion Ratio Lower Upper  
56 100  
69 38.8 23.1 34.7#  
84 93.0 76.9 115.3



#32  
1,1,1-Trichloroethane  
Concen: 28.902 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion: 97 Resp: 33352  
Ion Ratio Lower Upper  
97 100  
99 59.0 51.8 77.8  
61 39.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 64.699 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA\_N

ClientSampleId :

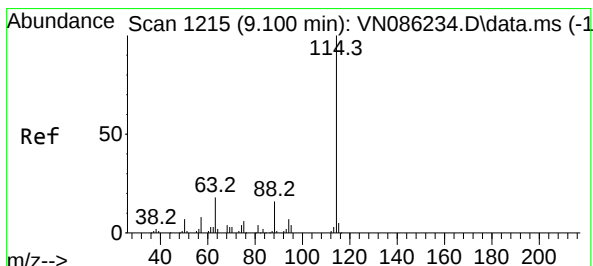
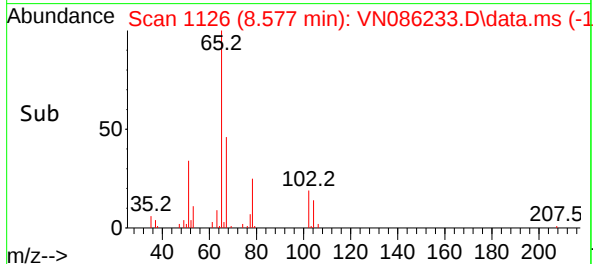
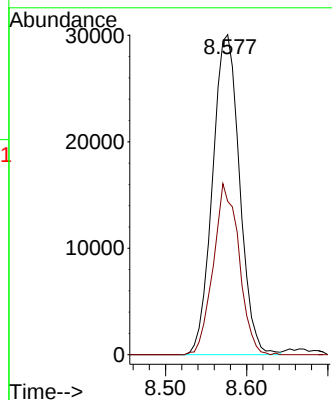
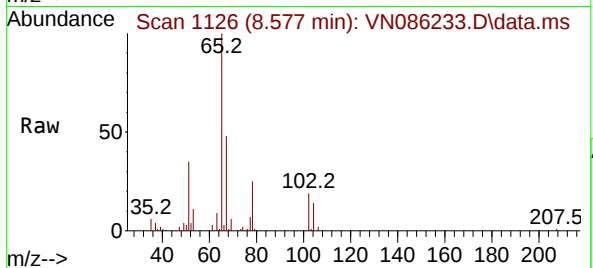
VSTDIC100

Tgt Ion: 65 Resp: 69556

Ion Ratio Lower Upper

65 100

67 50.8 0.0 99.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

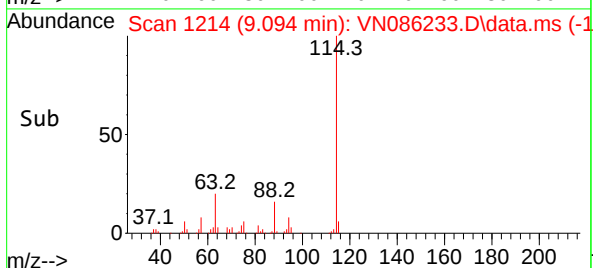
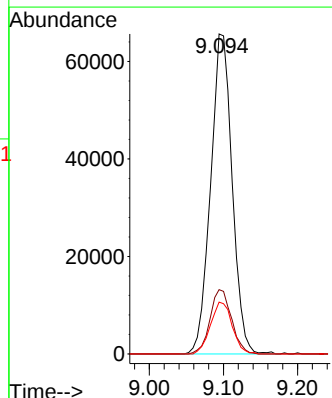
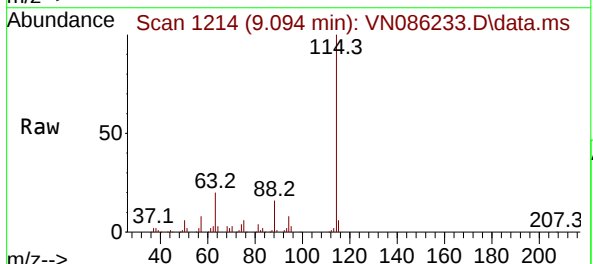
Tgt Ion: 114 Resp: 132456

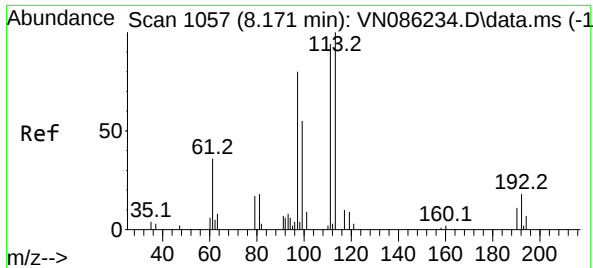
Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.6

88 16.2 0.0 31.2

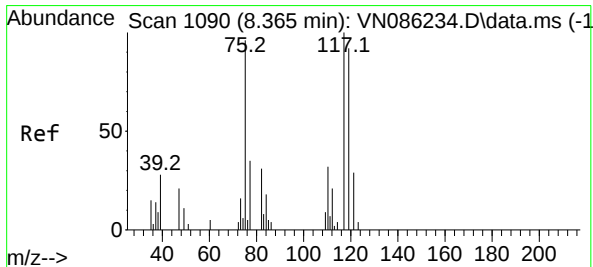
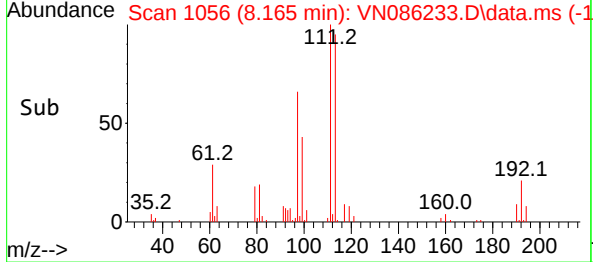
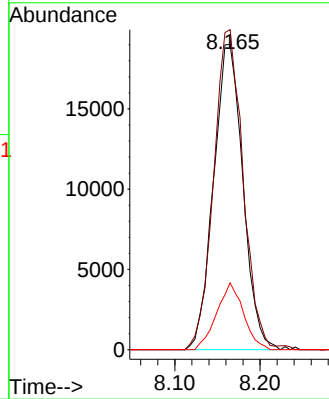
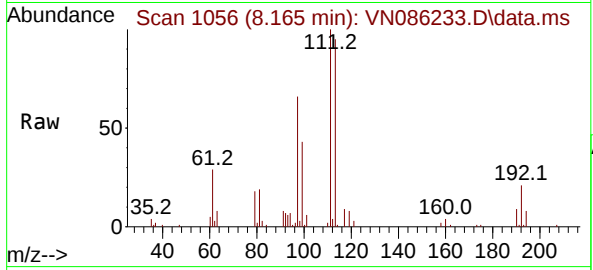




#35  
 Dibromofluoromethane  
 Concen: 67.933 ug/l  
 RT: 8.165 min Scan# 1056  
 Delta R.T. -0.006 min  
 Lab File: VN086233.D  
 Acq: 07 Apr 2025 13:33

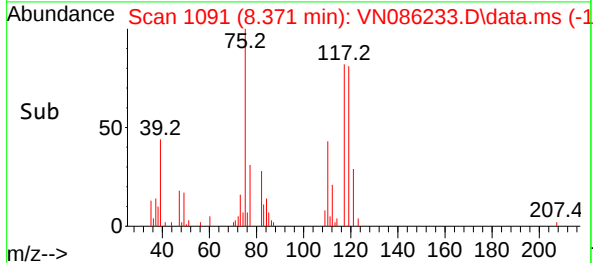
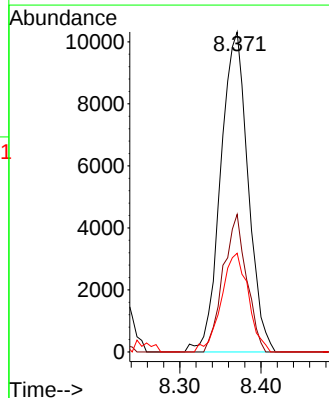
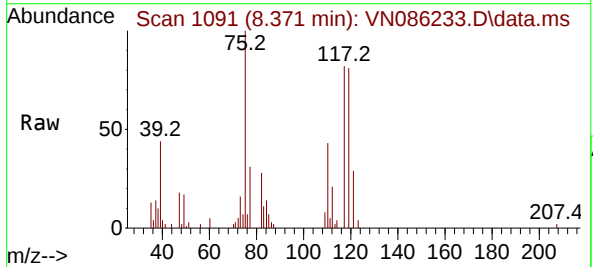
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

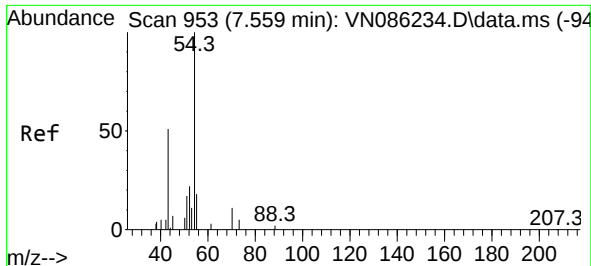
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 45480 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 105.1 | 84.2  | 126.2 |
| 192      | 20.0  | 16.1  | 24.1  |



#36  
 1,1-Dichloropropene  
 Concen: 33.139 ug/l  
 RT: 8.371 min Scan# 1091  
 Delta R.T. 0.006 min  
 Lab File: VN086233.D  
 Acq: 07 Apr 2025 13:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 24177 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 36.7  | 16.9  | 50.7  |
| 77       | 30.4  | 23.0  | 34.4  |





#37

Ethyl Acetate

Concen: 30.537 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC100

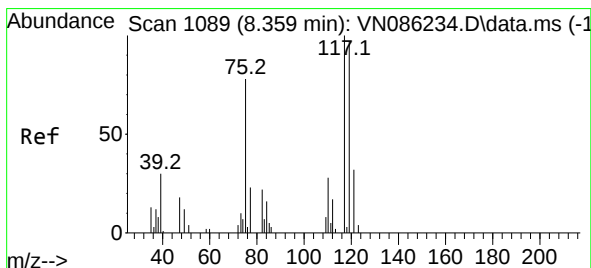
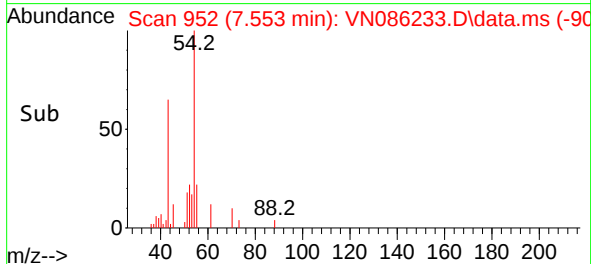
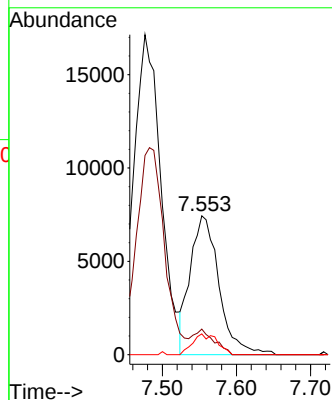
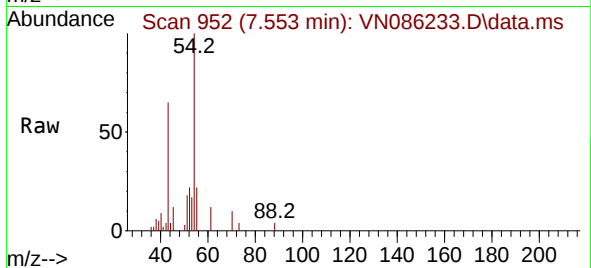
Tgt Ion: 43 Resp: 20109

Ion Ratio Lower Upper

43 100

61 13.1 11.8 17.6

70 12.8 11.7 17.5



#38

Carbon Tetrachloride

Concen: 30.652 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

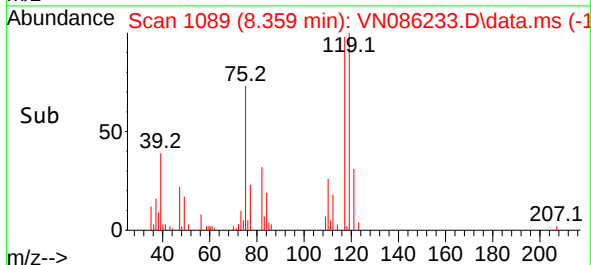
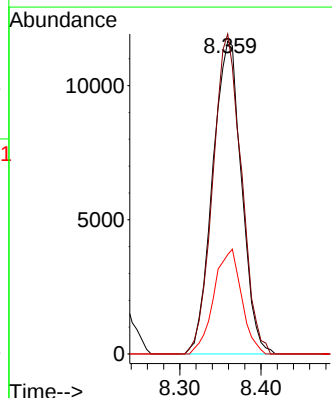
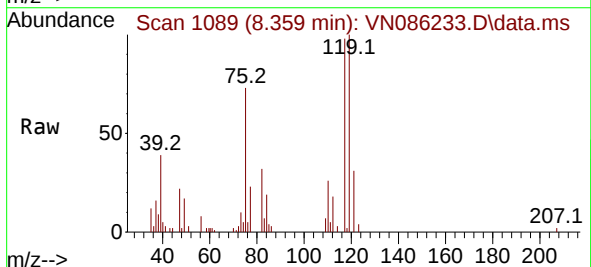
Tgt Ion: 117 Resp: 28899

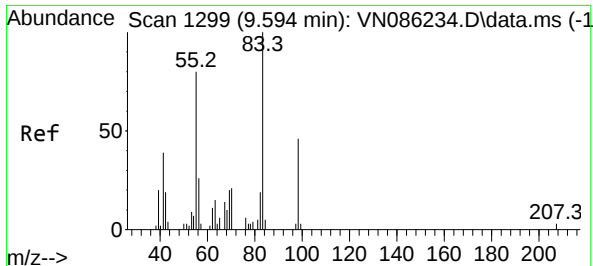
Ion Ratio Lower Upper

117 100

119 102.3 77.9 116.9

121 31.8 25.3 37.9





#39

Methylcyclohexane

Concen: 36.639 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC100

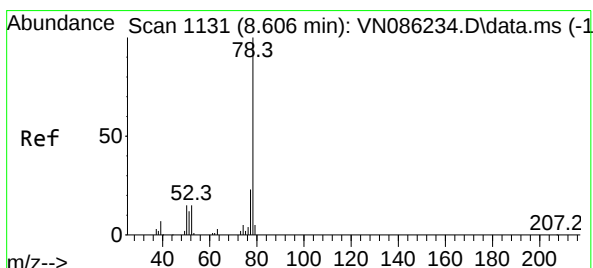
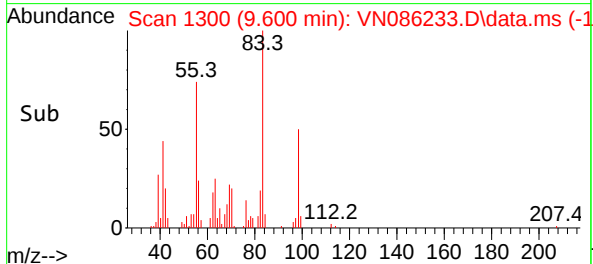
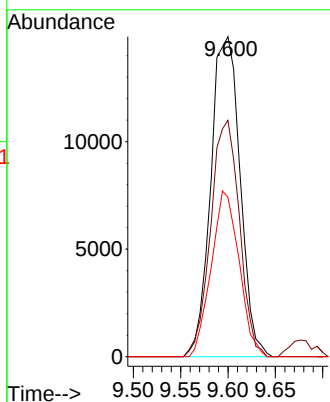
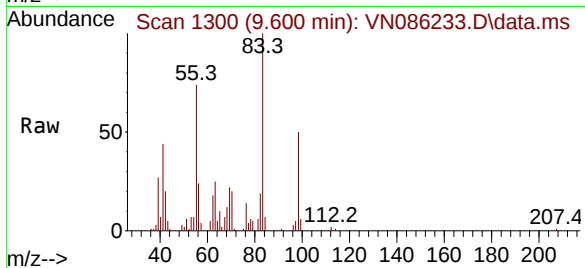
Tgt Ion: 83 Resp: 31991

Ion Ratio Lower Upper

83 100

55 73.9 63.9 95.9

98 49.7 36.6 55.0



#40

Benzene

Concen: 30.753 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086233.D

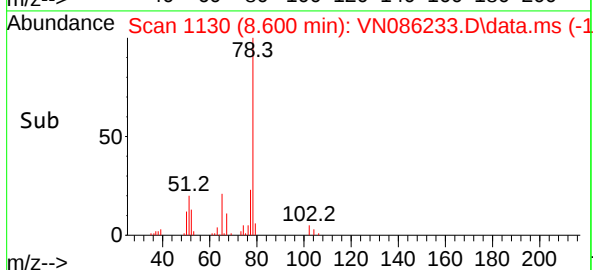
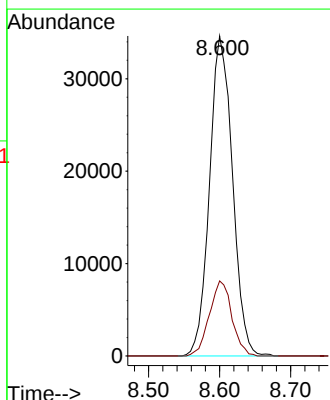
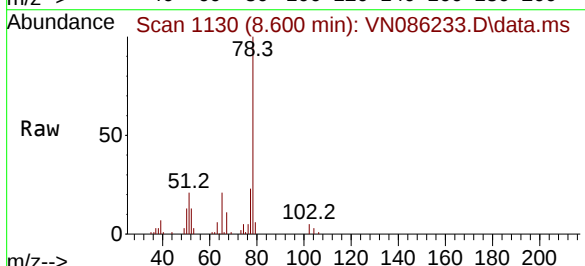
Acq: 07 Apr 2025 13:33

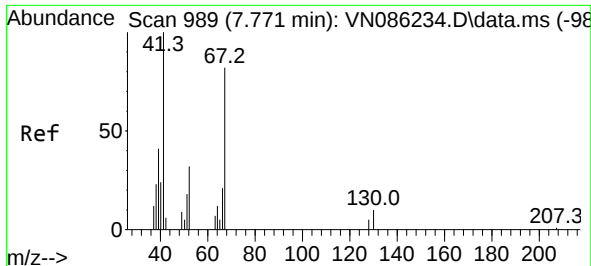
Tgt Ion: 78 Resp: 77686

Ion Ratio Lower Upper

78 100

77 23.5 18.6 28.0



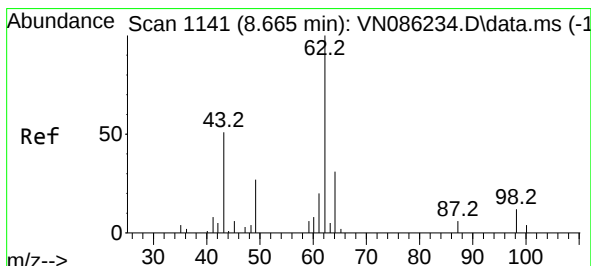
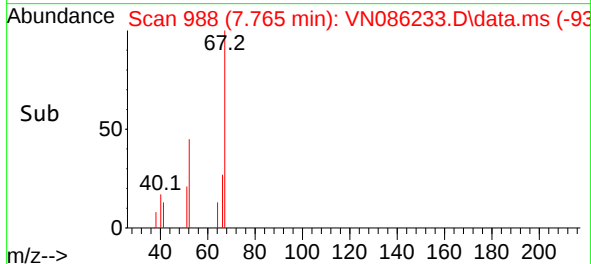
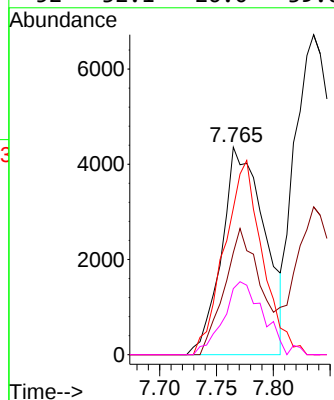
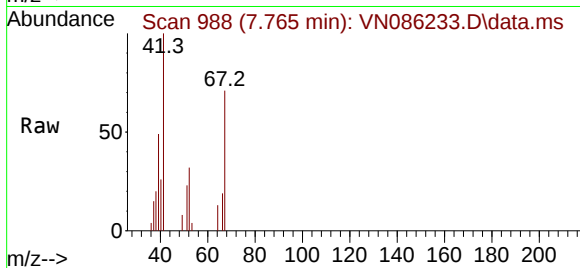


#41  
Methacrylonitrile  
Concen: 31.327 ug/l  
RT: 7.765 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion: 41 Resp: 11427

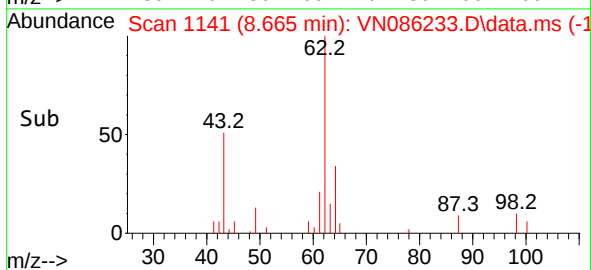
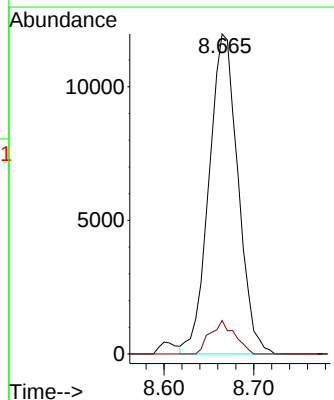
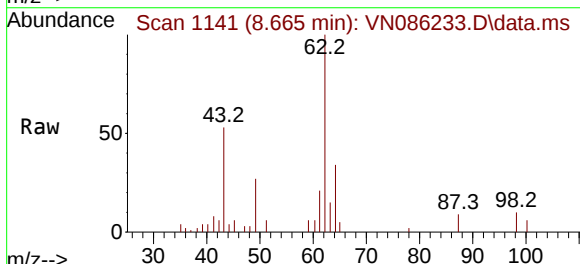
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 50.3  | 39.0  | 58.6  |
| 67  | 82.9  | 67.8  | 101.6 |
| 52  | 32.1  | 26.0  | 39.0  |

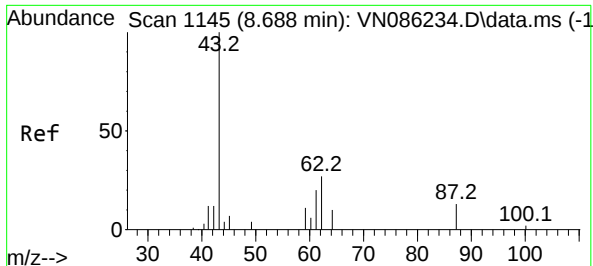


#42  
1,2-Dichloroethane  
Concen: 32.096 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion: 62 Resp: 26894

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.8   | 0.0   | 17.8  |

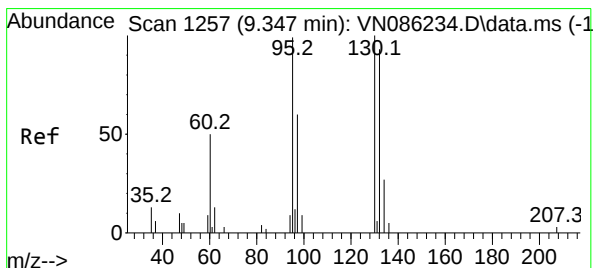
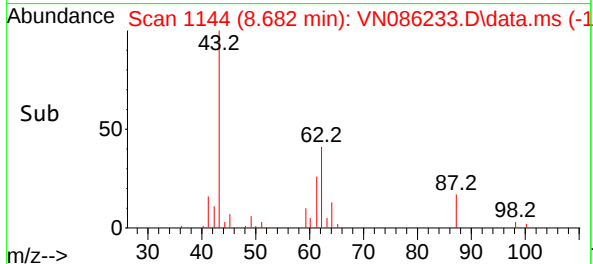
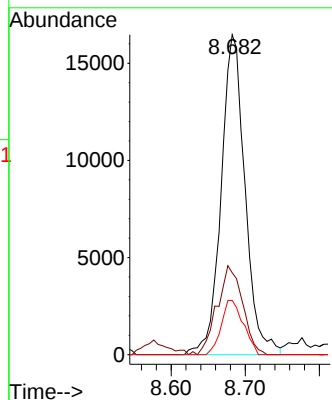
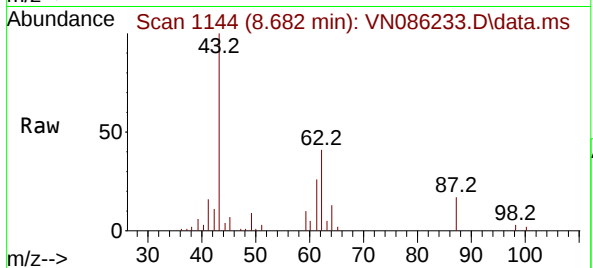




#43  
Isopropyl Acetate  
Concen: 24.169 ug/l  
RT: 8.682 min Scan# 1144  
Delta R.T. -0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

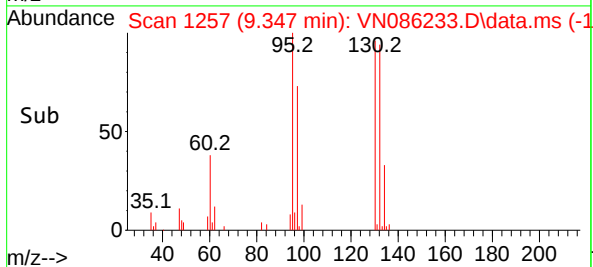
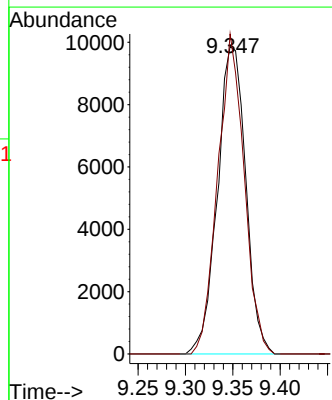
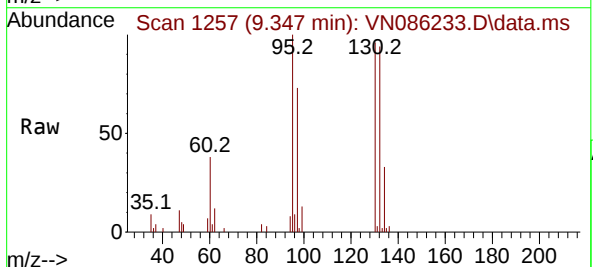
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

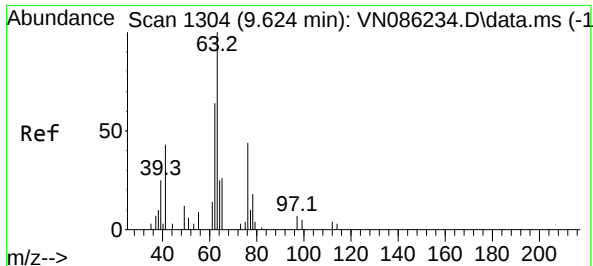
Tgt Ion: 43 Resp: 36925  
Ion Ratio Lower Upper  
43 100  
61 29.6 21.4 32.0  
87 15.6 11.4 17.0



#44  
Trichloroethene  
Concen: 31.582 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion: 130 Resp: 20471  
Ion Ratio Lower Upper  
130 100  
95 104.1 0.0 198.6





#45

1,2-Dichloropropane

Concen: 32.069 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA\_N

ClientSampleId :

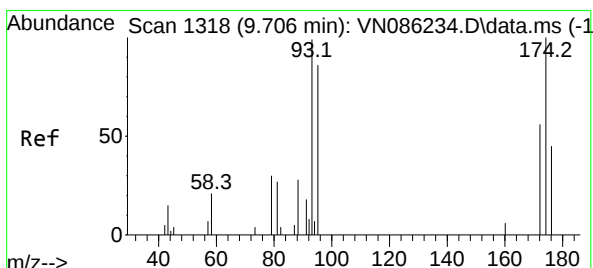
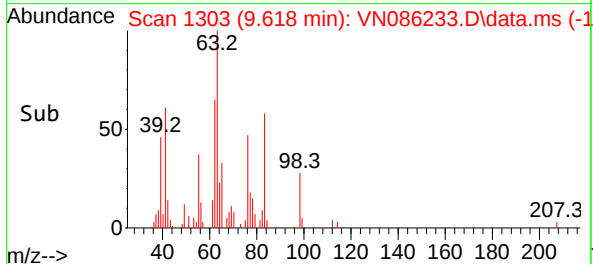
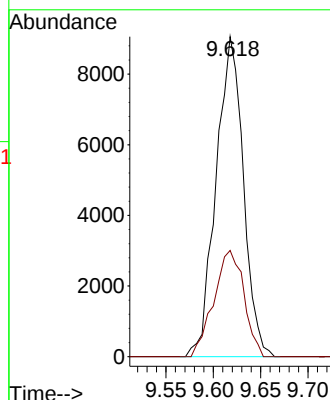
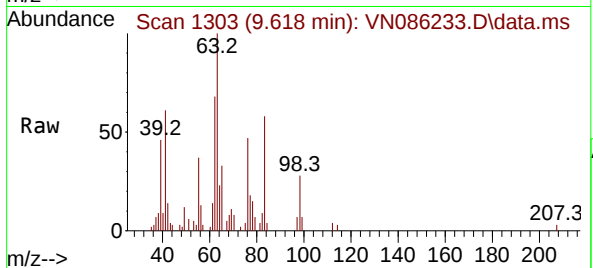
VSTDICC100

Tgt Ion: 63 Resp: 18149

Ion Ratio Lower Upper

63 100

65 33.2 20.6 31.0#



#46

Dibromomethane

Concen: 31.881 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

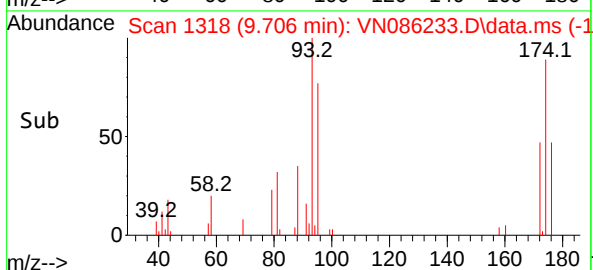
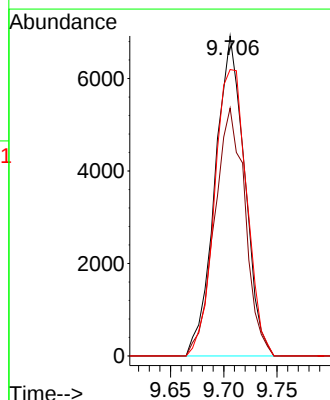
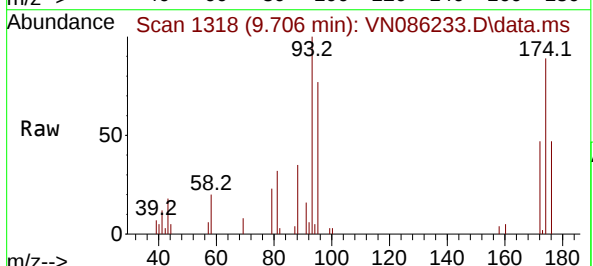
Tgt Ion: 93 Resp: 13374

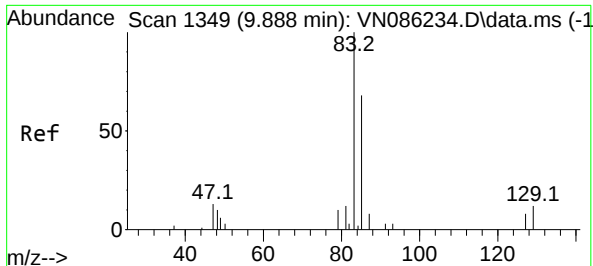
Ion Ratio Lower Upper

93 100

95 79.7 63.1 94.7

174 96.9 74.2 111.2

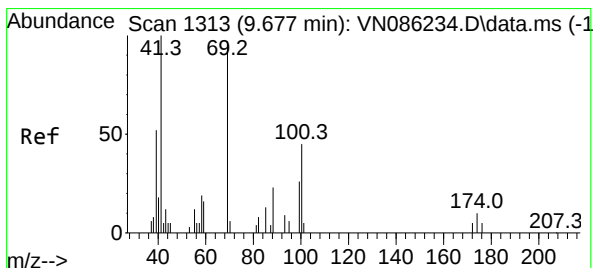
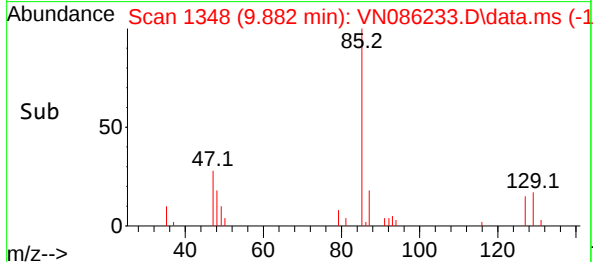
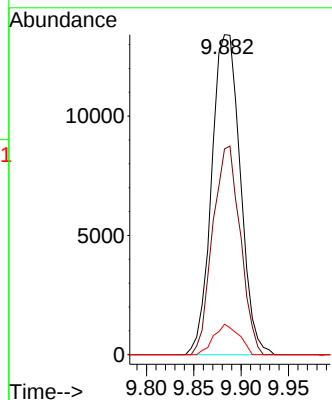
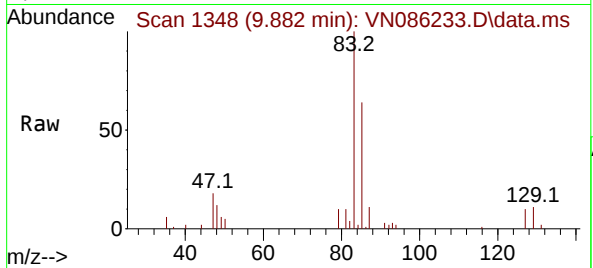




#47  
Bromodichloromethane  
Concen: 31.889 ug/l  
RT: 9.882 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

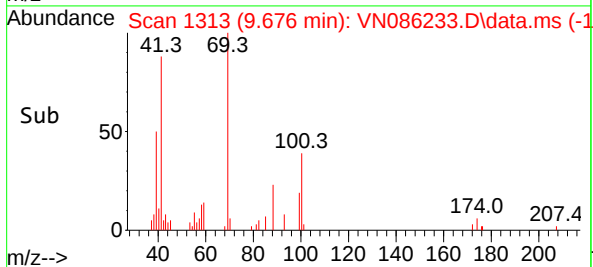
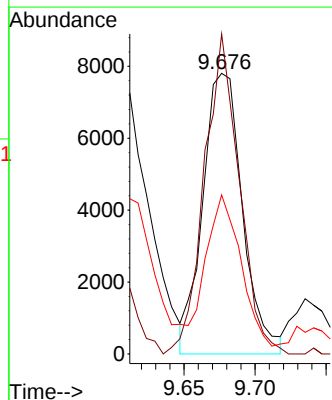
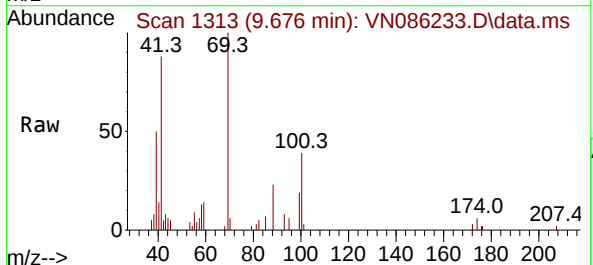
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

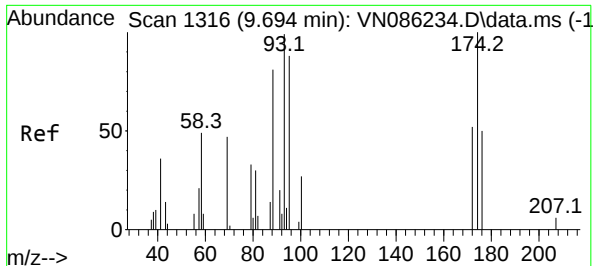
Tgt Ion: 83 Resp: 28197  
Ion Ratio Lower Upper  
83 100  
85 64.3 54.0 81.0  
127 9.5 6.4 9.6



#48  
Methyl methacrylate  
Concen: 31.626 ug/l  
RT: 9.676 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion: 41 Resp: 15199  
Ion Ratio Lower Upper  
41 100  
69 100.1 80.0 120.0  
39 51.3 44.7 67.1

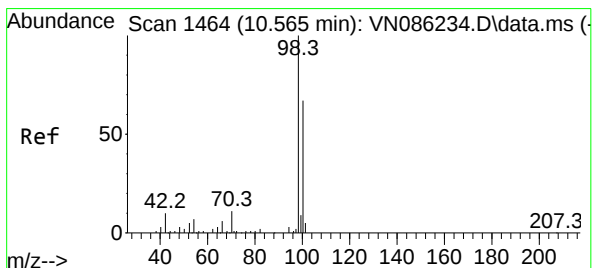
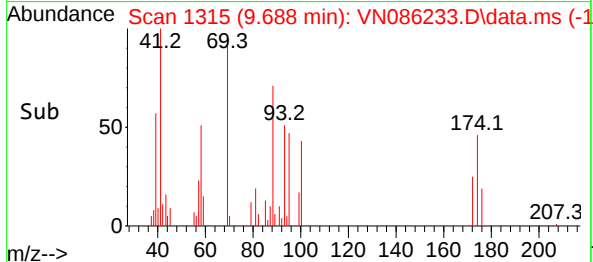
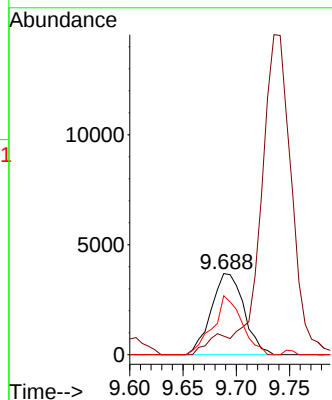
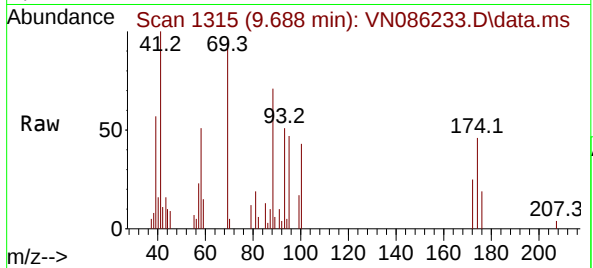




#49  
1,4-Dioxane  
Concen: 695.524 ug/l  
RT: 9.688 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

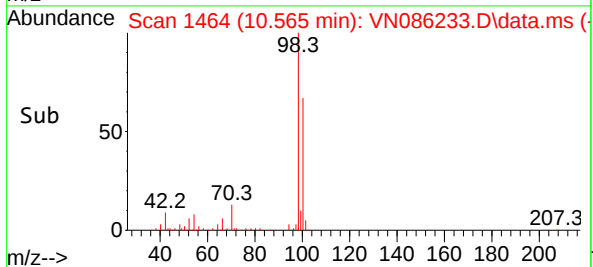
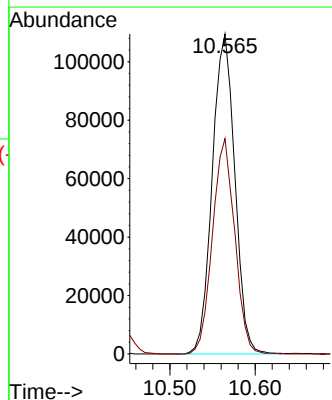
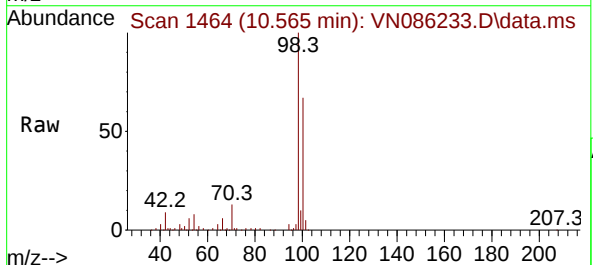
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

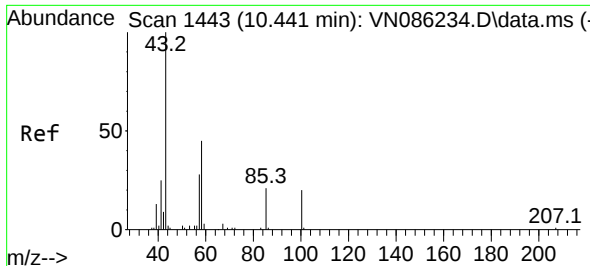
Tgt Ion: 88 Resp: 7878  
Ion Ratio Lower Upper  
88 100  
43 18.0 16.8 25.2  
58 63.9 52.2 78.2



#50  
Toluene-d8  
Concen: 72.648 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion: 98 Resp: 201317  
Ion Ratio Lower Upper  
98 100  
100 66.5 53.0 79.6

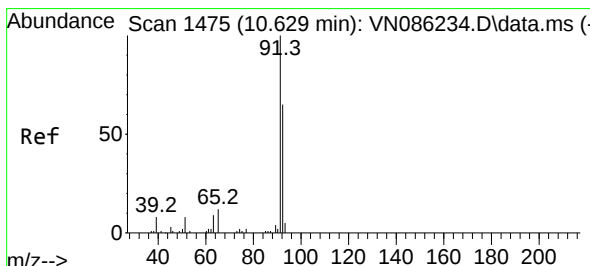
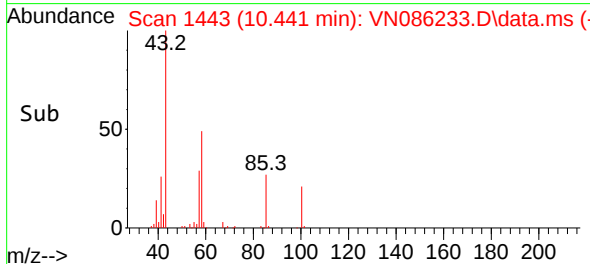
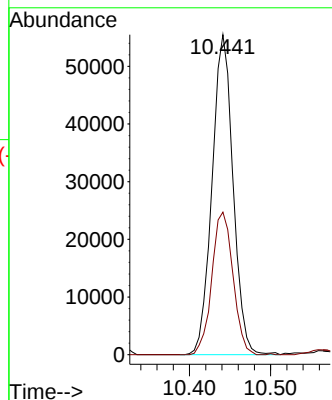
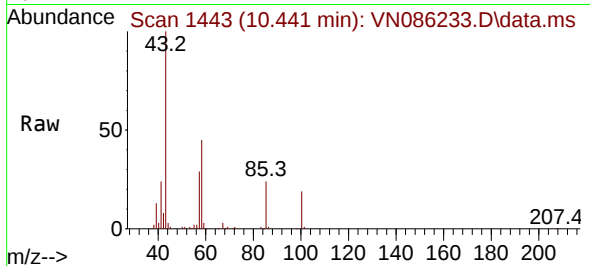




#51  
4-Methyl-2-Pentanone  
Concen: 157.410 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

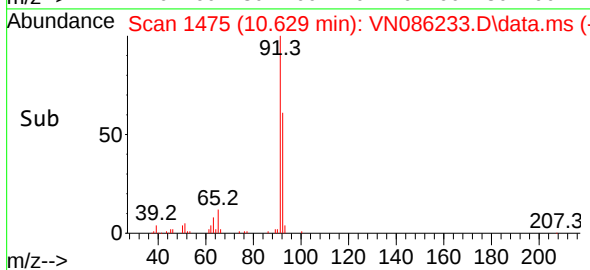
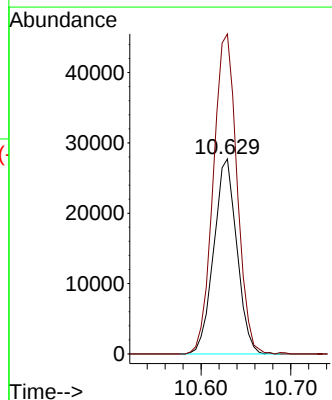
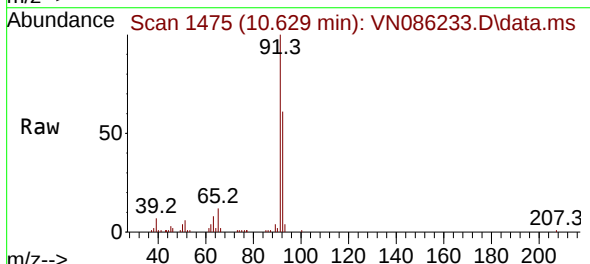
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

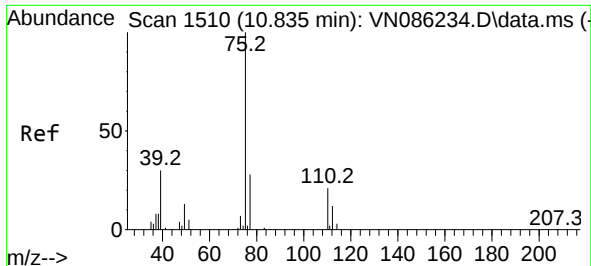
Tgt Ion: 43 Resp: 99899  
Ion Ratio Lower Upper  
43 100  
58 44.8 36.2 54.4



#52  
Toluene  
Concen: 32.760 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion: 92 Resp: 49513  
Ion Ratio Lower Upper  
92 100  
91 168.4 134.9 202.3

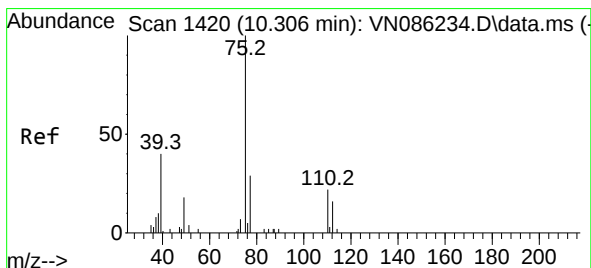
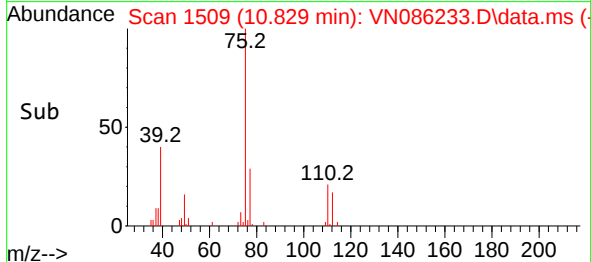
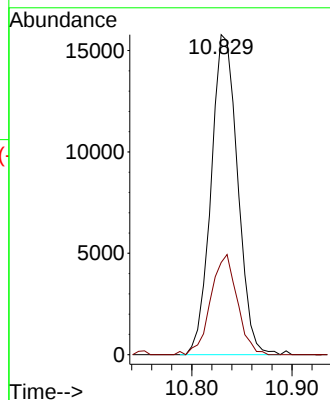
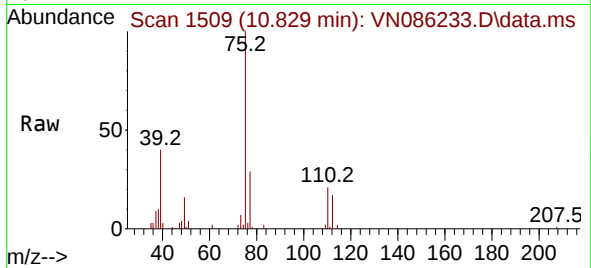




#53  
t-1,3-Dichloropropene  
Concen: 31.734 ug/l  
RT: 10.829 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

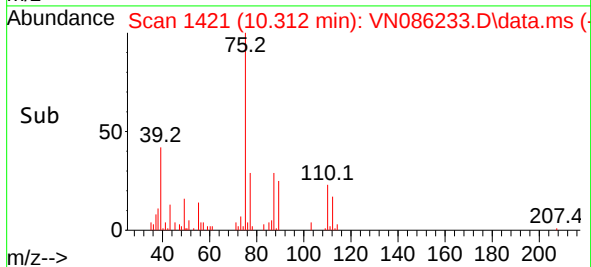
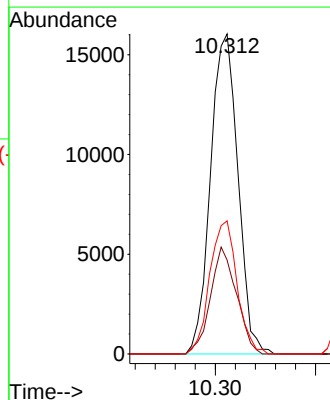
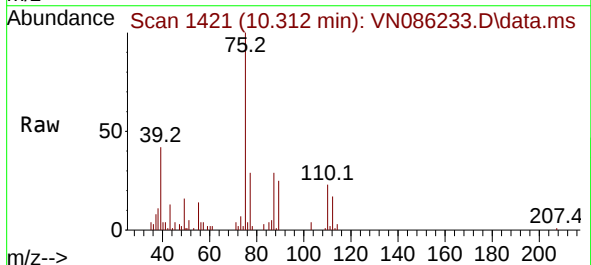
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

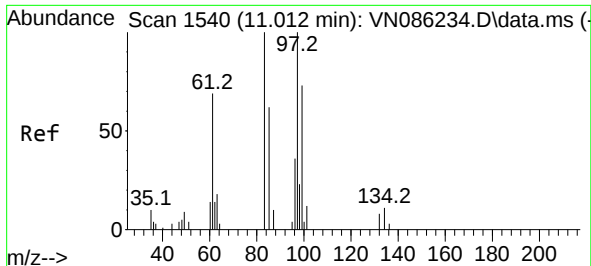
Tgt Ion: 75 Resp: 29045  
Ion Ratio Lower Upper  
75 100  
77 28.8 22.2 33.2



#54  
cis-1,3-Dichloropropene  
Concen: 30.870 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. 0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion: 75 Resp: 30460  
Ion Ratio Lower Upper  
75 100  
77 29.4 22.9 34.3  
39 41.6 31.7 47.5

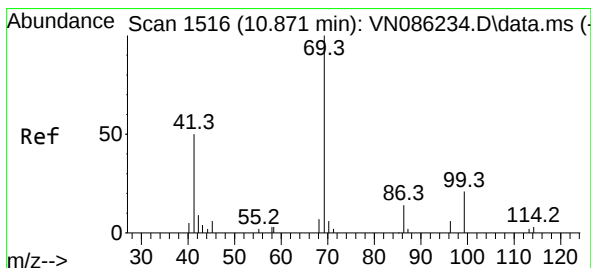
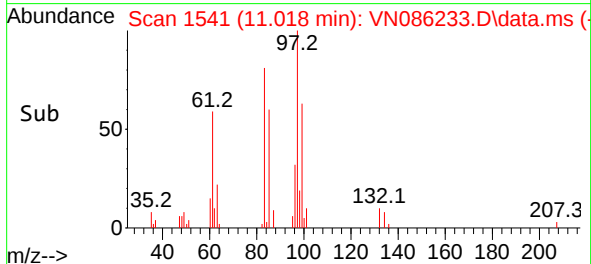
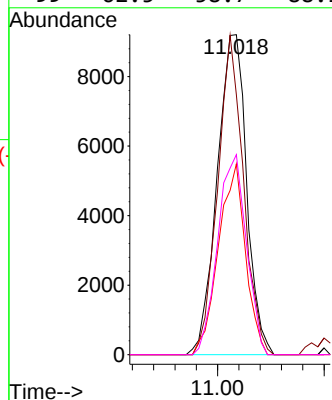
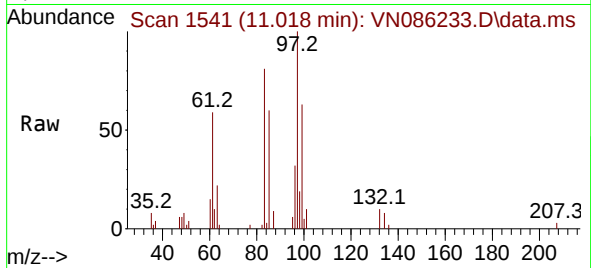




#55  
1,1,2-Trichloroethane  
Concen: 29.917 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. 0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

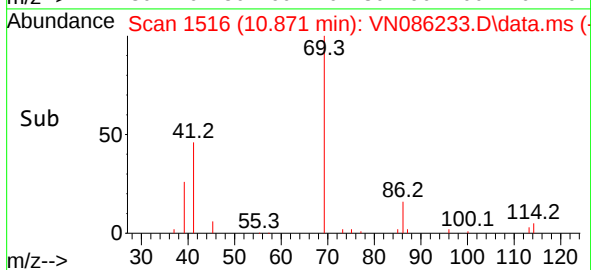
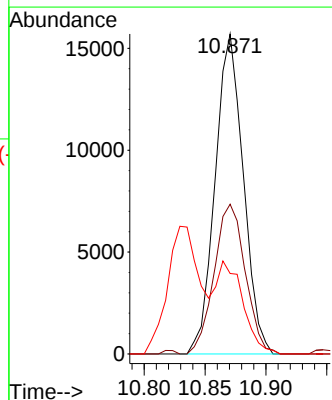
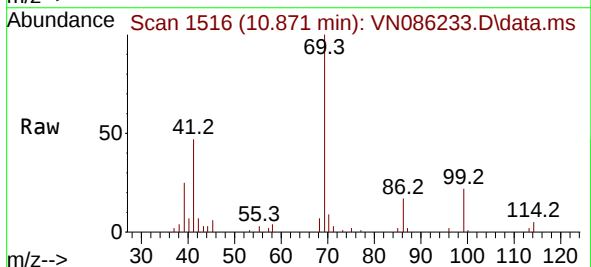
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

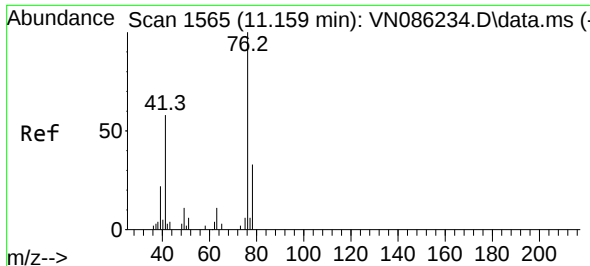
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 17661 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 81.2  | 80.2  | 120.4 |
| 85       | 59.6  | 49.7  | 74.5  |
| 99       | 62.5  | 58.7  | 88.1  |



#56  
Ethyl methacrylate  
Concen: 34.000 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 25265 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 51.8  | 43.9  | 65.9  |
| 39       | 28.1  | 22.0  | 33.0  |





#57

1,3-Dichloropropane

Concen: 31.976 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA\_N

ClientSampleId :

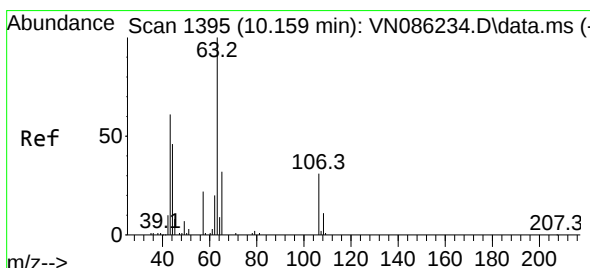
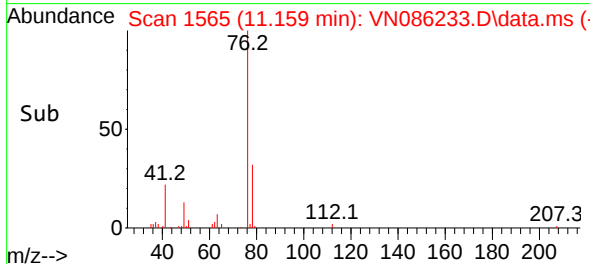
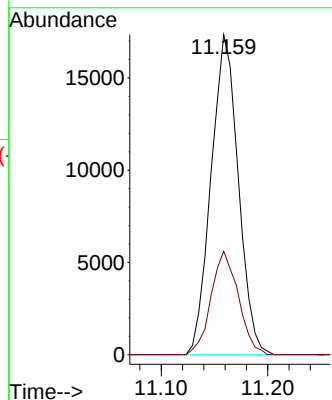
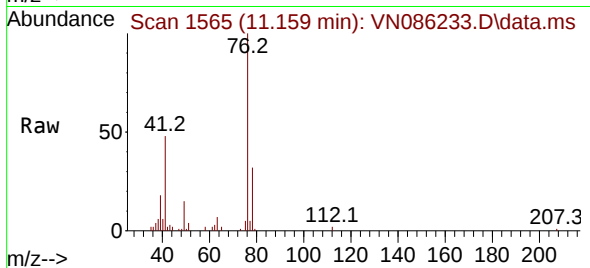
VSTDICC100

Tgt Ion: 76 Resp: 30783

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 84.015 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN086233.D

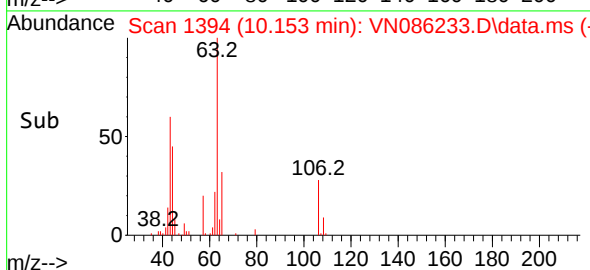
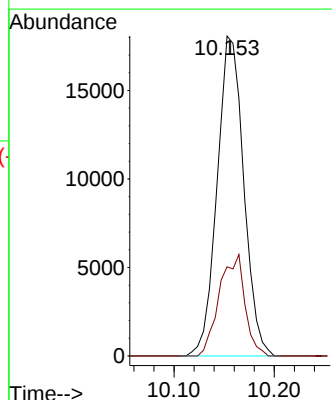
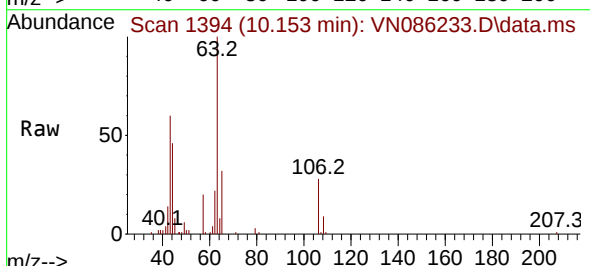
Acq: 07 Apr 2025 13:33

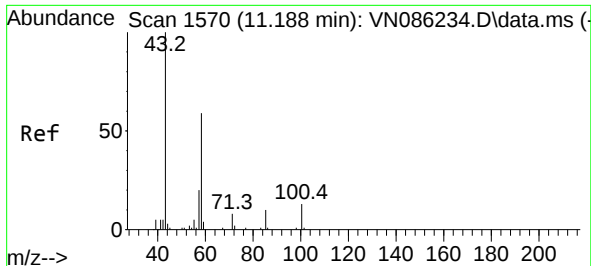
Tgt Ion: 63 Resp: 33328

Ion Ratio Lower Upper

63 100

106 30.5 24.1 36.1

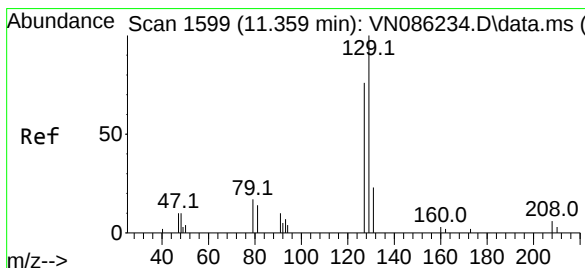
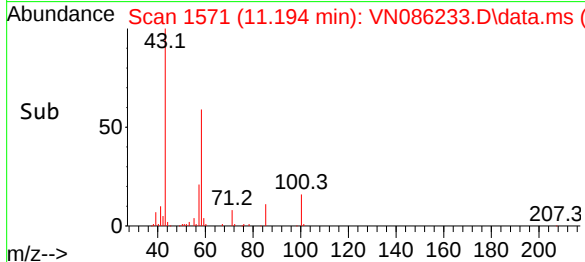
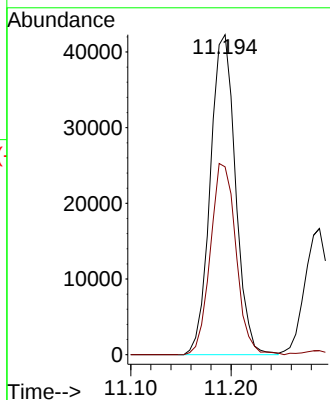
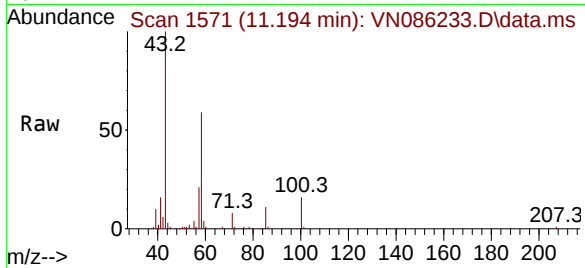




#59  
2-Hexanone  
Concen: 165.074 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

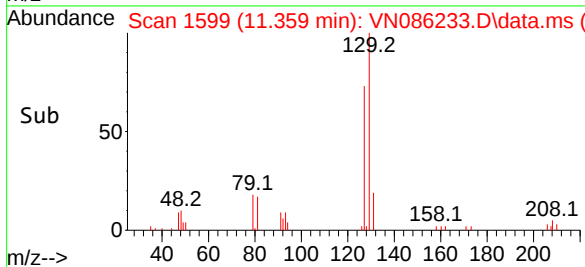
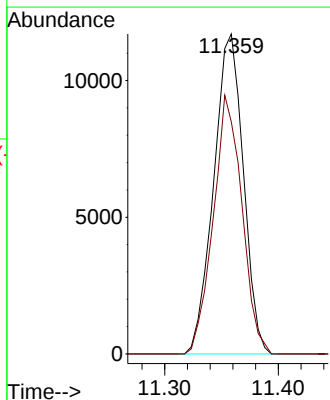
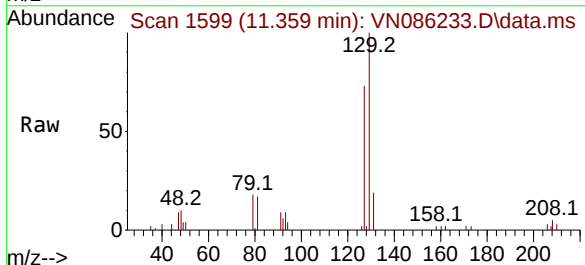
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

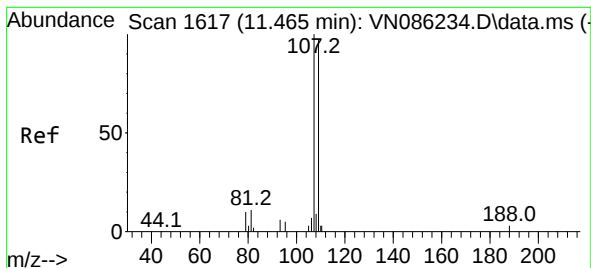
Tgt Ion: 43 Resp: 73550  
Ion Ratio Lower Upper  
43 100  
58 60.8 32.2 96.6



#60  
Dibromochloromethane  
Concen: 30.656 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion:129 Resp: 21235  
Ion Ratio Lower Upper  
129 100  
127 78.1 39.8 119.3

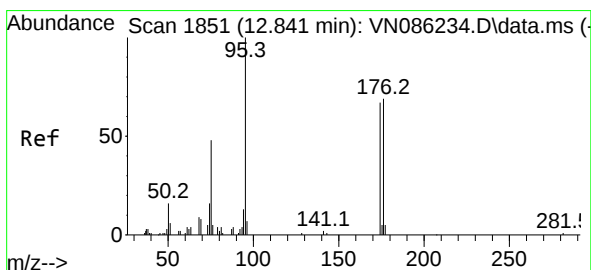
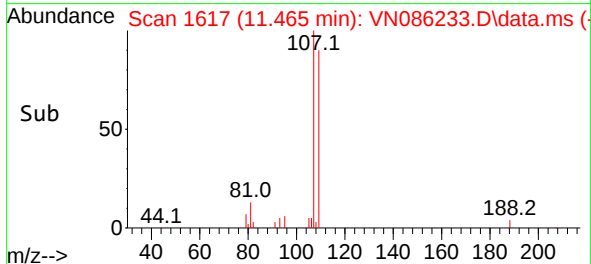
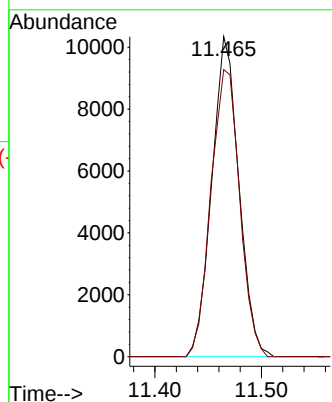
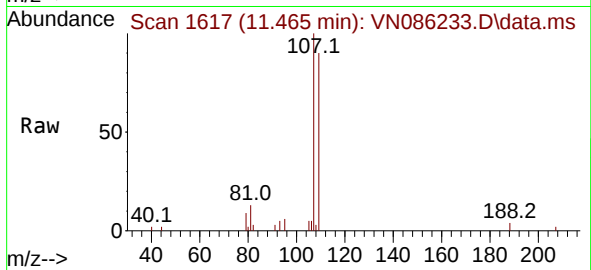




#61  
1,2-Dibromoethane  
Concen: 33.187 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

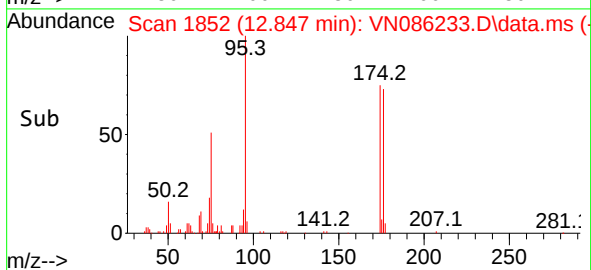
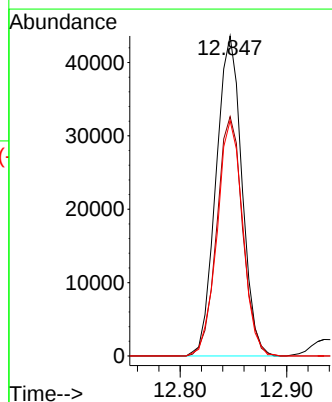
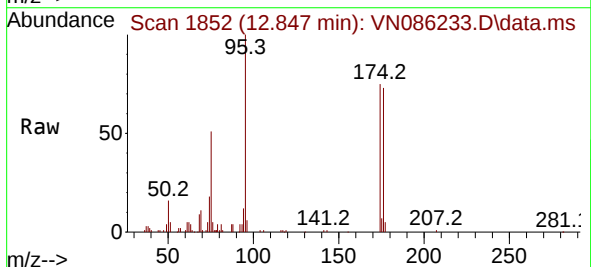
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

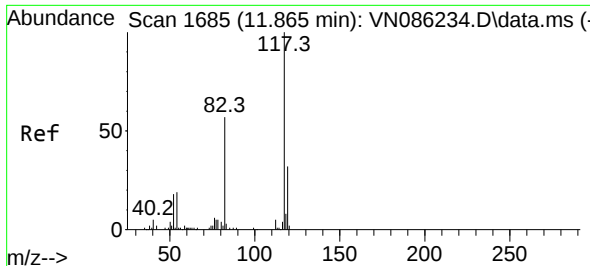
Tgt Ion:107 Resp: 18211  
Ion Ratio Lower Upper  
107 100  
109 95.6 76.0 114.0



#62  
4-Bromofluorobenzene  
Concen: 75.052 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion: 95 Resp: 73503  
Ion Ratio Lower Upper  
95 100  
174 74.4 0.0 150.0  
176 72.7 0.0 145.0

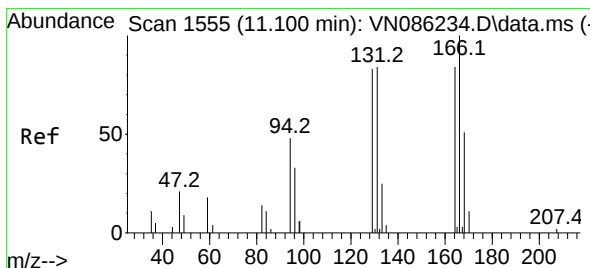
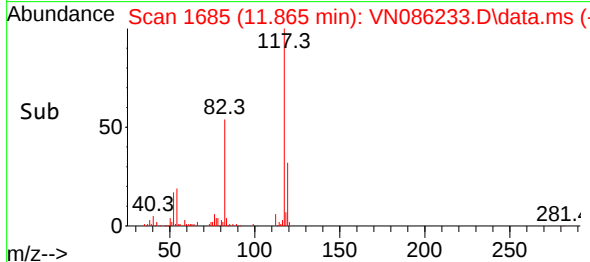
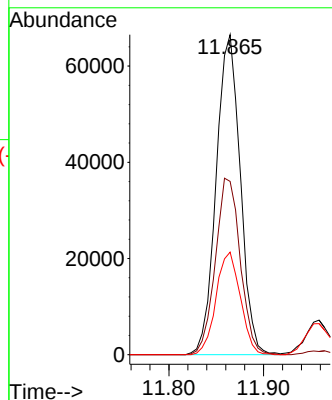
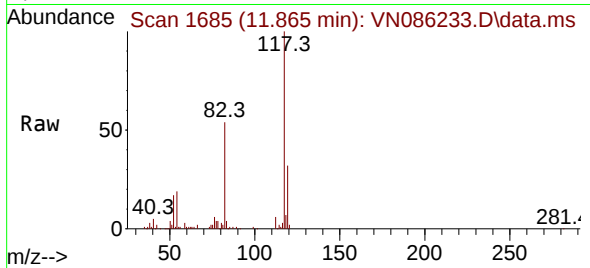




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117626  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

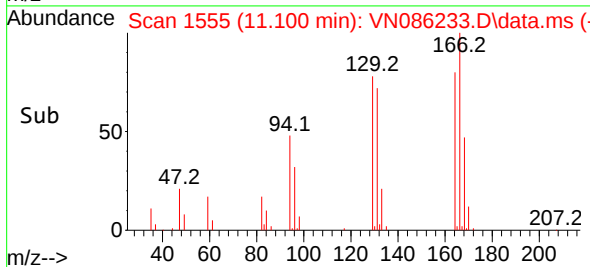
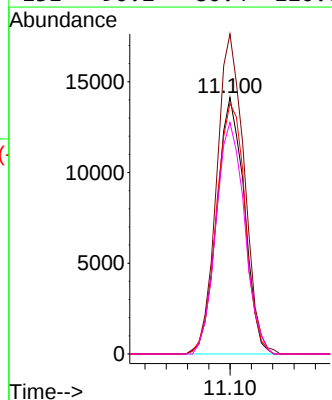
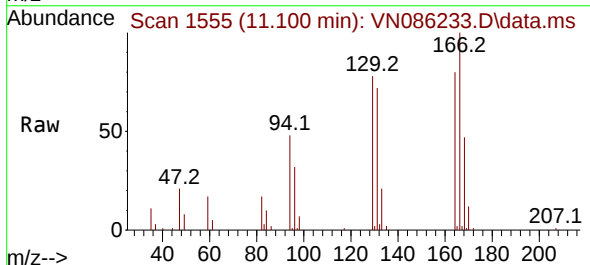
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

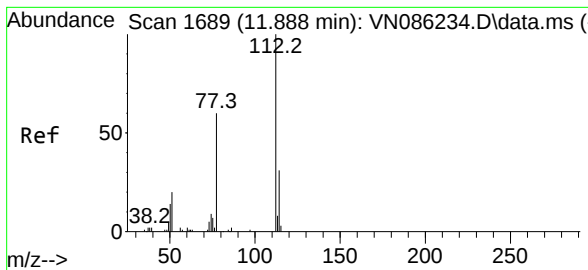
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 117626 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 54.1  | 45.6  | 68.4   |
| 119      | 32.1  | 25.9  | 38.9   |



#64  
Tetrachloroethene  
Concen: 36.515 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 25323 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 124.8 | 95.7  | 143.5 |
| 129      | 97.7  | 79.4  | 119.0 |
| 131      | 90.2  | 80.4  | 120.6 |

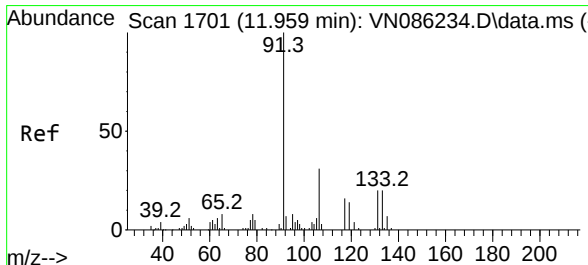
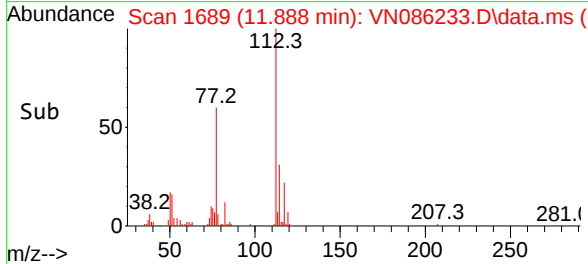
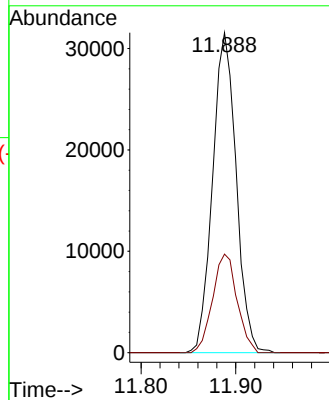
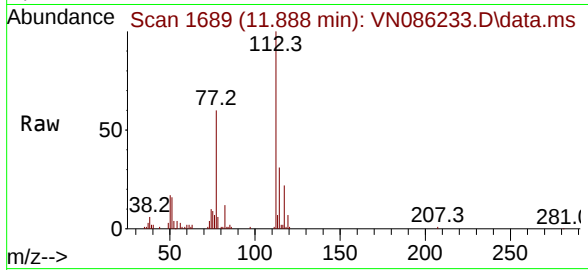




#65  
Chlorobenzene  
Concen: 31.784 ug/l  
RT: 11.888 min Scan# 1689  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

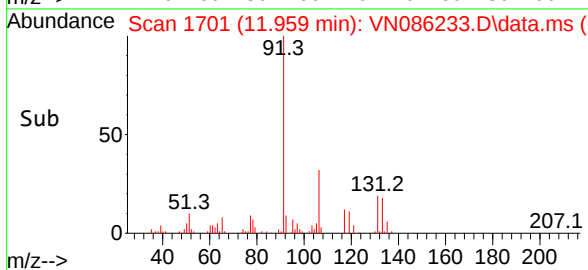
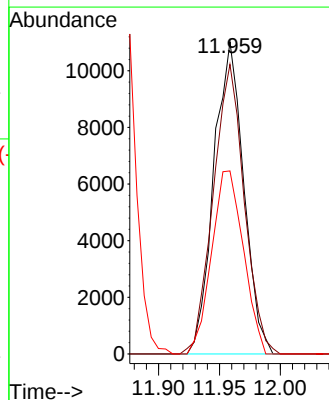
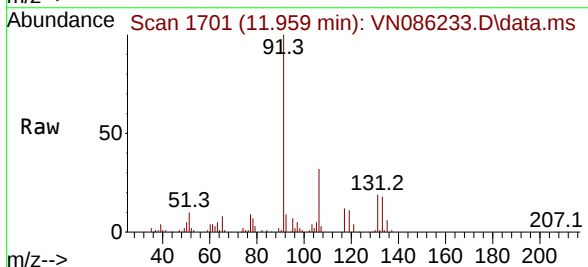
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

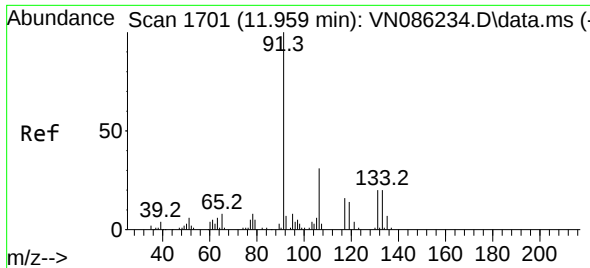
Tgt Ion:112 Resp: 54622  
Ion Ratio Lower Upper  
112 100  
114 30.8 25.0 37.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 30.766 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion:131 Resp: 18824  
Ion Ratio Lower Upper  
131 100  
133 96.2 49.0 147.0  
119 62.4 32.5 97.5

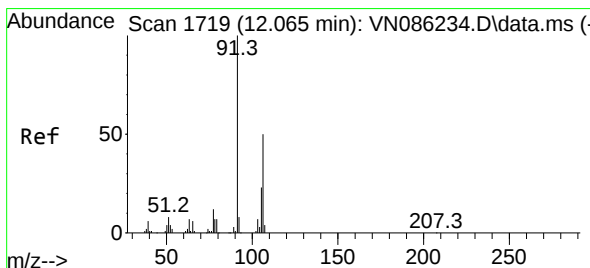
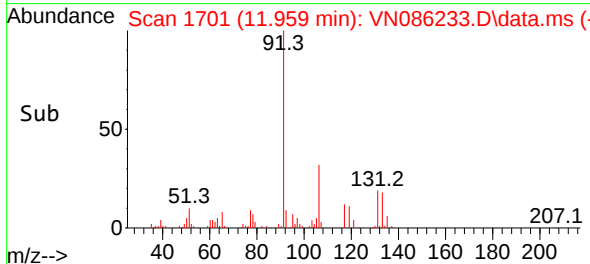
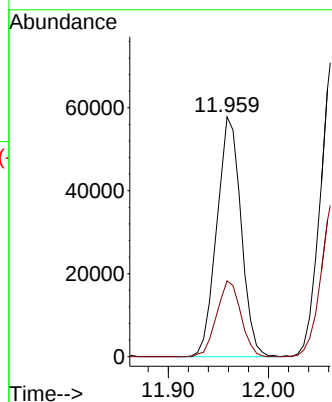
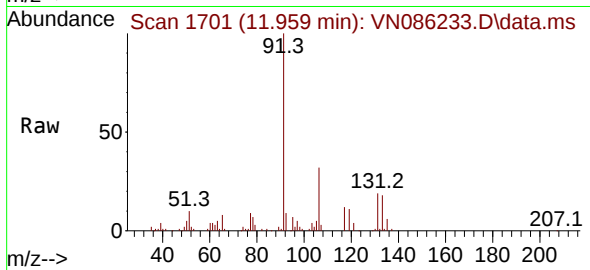




#67  
Ethyl Benzene  
Concen: 35.603 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

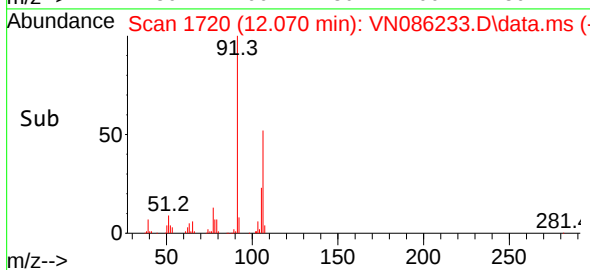
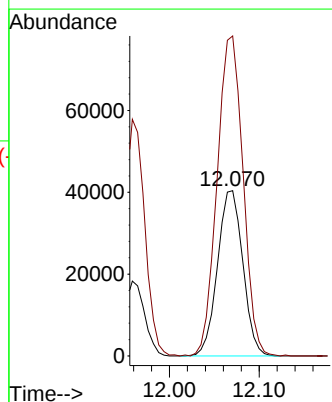
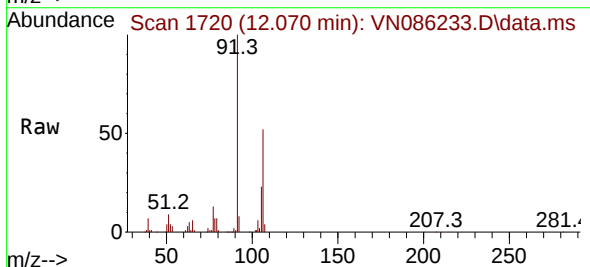
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

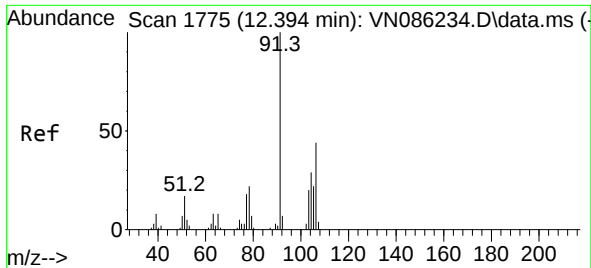
Tgt Ion: 91 Resp: 96997  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.1 37.7



#68  
m/p-Xylenes  
Concen: 76.007 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. 0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion:106 Resp: 79165  
Ion Ratio Lower Upper  
106 100  
91 198.3 156.7 235.1

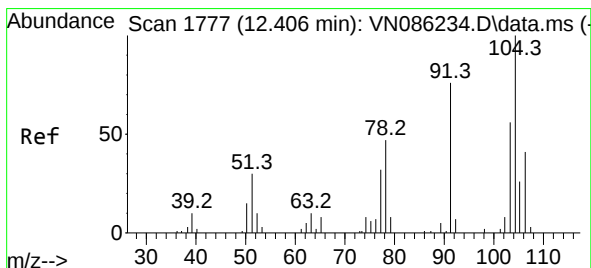
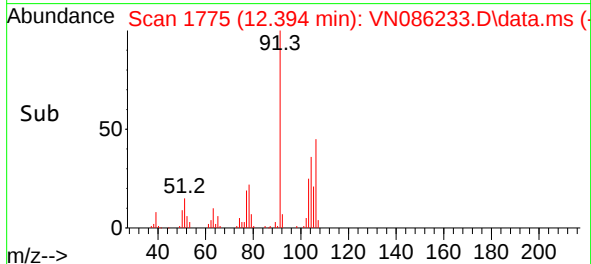
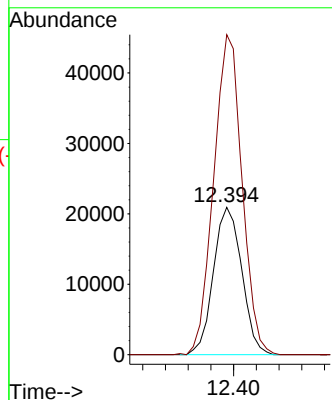
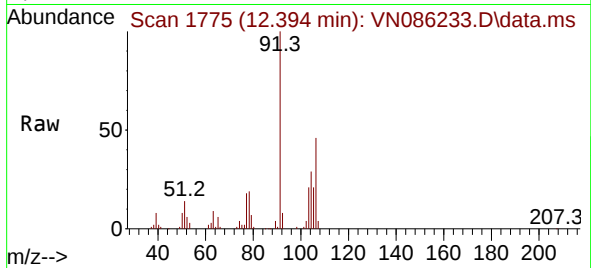




#69  
o-Xylene  
Concen: 35.199 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

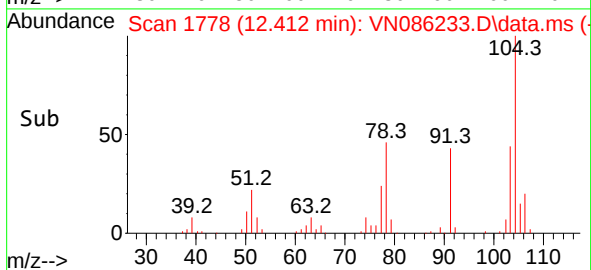
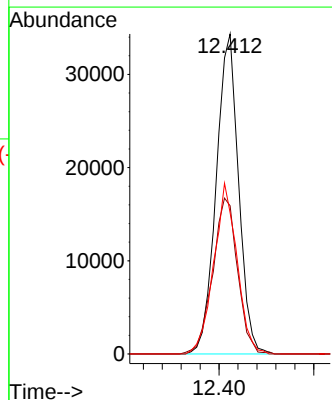
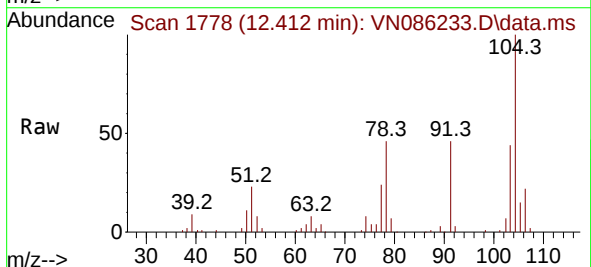
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

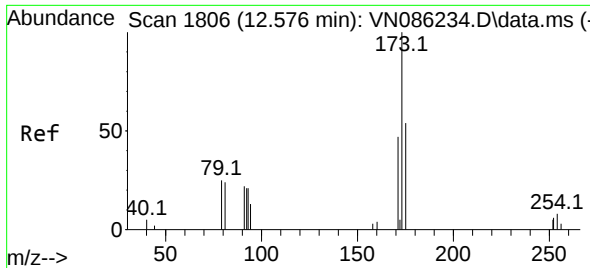
Tgt Ion:106 Resp: 36240  
Ion Ratio Lower Upper  
106 100  
91 217.3 109.0 327.0



#70  
Styrene  
Concen: 36.077 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion:104 Resp: 56411  
Ion Ratio Lower Upper  
104 100  
78 54.1 43.0 64.4  
103 55.3 44.3 66.5

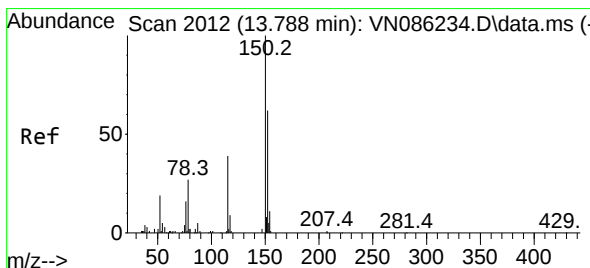
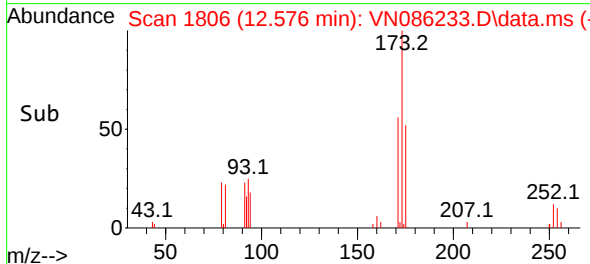
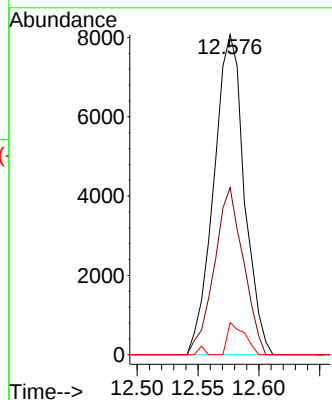
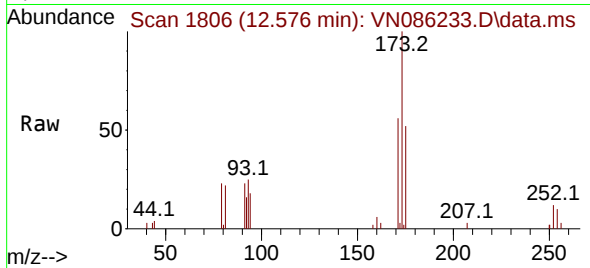




#71  
Bromoform  
Concen: 31.168 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

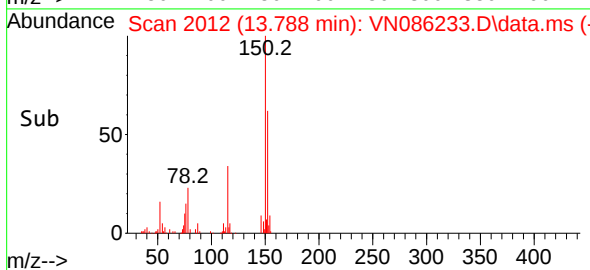
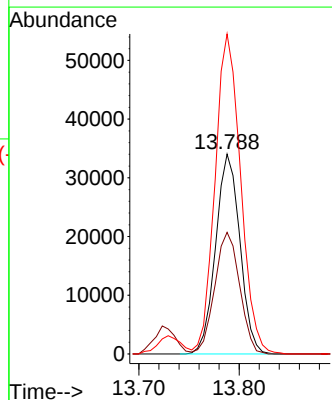
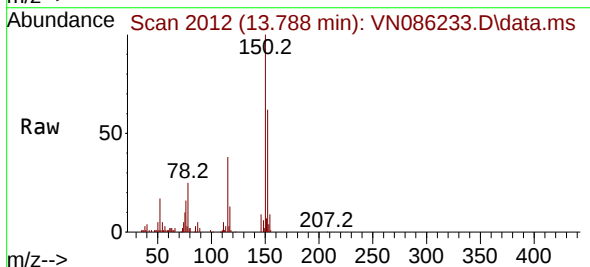
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

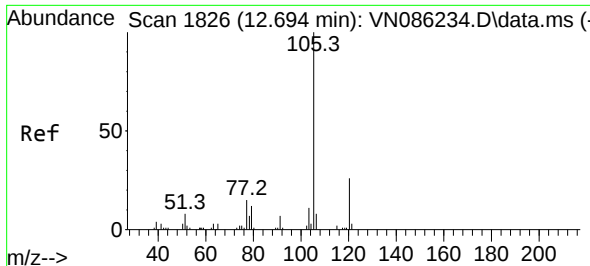
Tgt Ion:173 Resp: 14100  
Ion Ratio Lower Upper  
173 100  
175 49.8 24.8 74.3  
254 5.6 6.3 9.5#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion:152 Resp: 57145  
Ion Ratio Lower Upper  
152 100  
115 62.5 31.2 93.6  
150 168.7 0.0 333.2

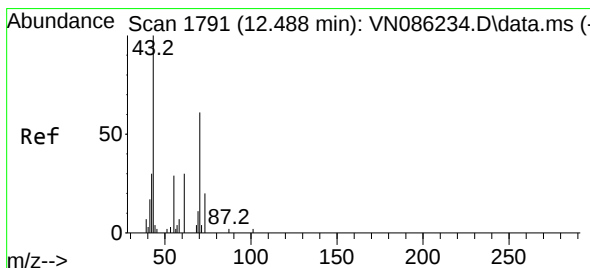
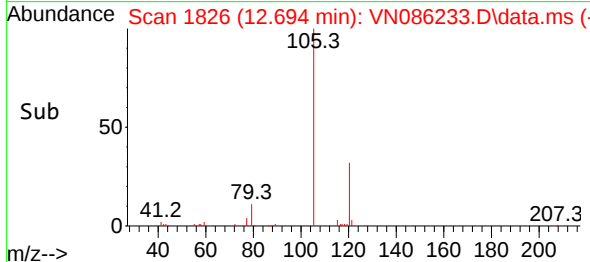
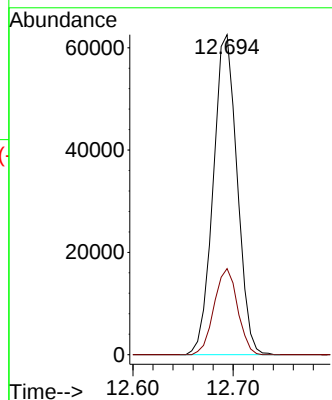
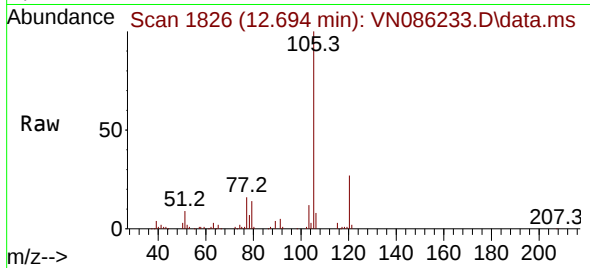




#73  
Isopropylbenzene  
Concen: 39.630 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

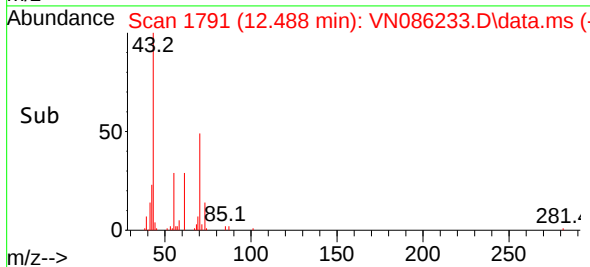
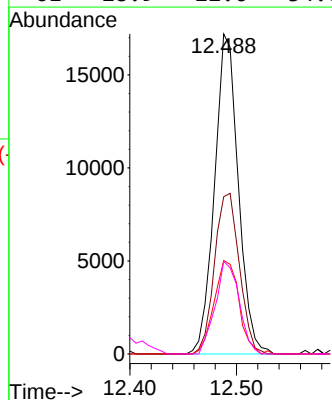
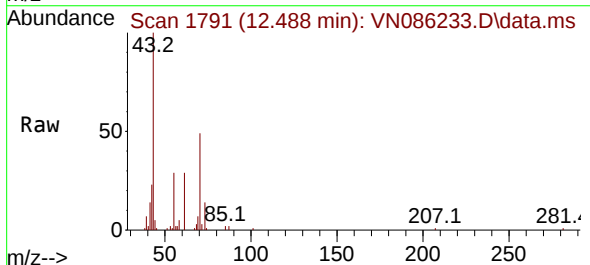
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

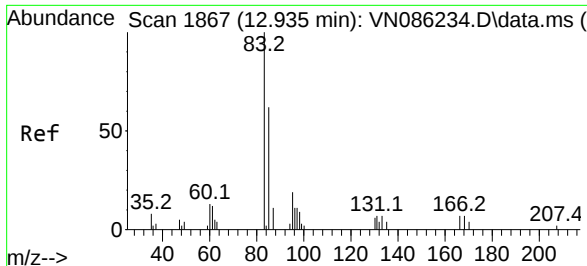
Tgt Ion:105 Resp: 103660  
Ion Ratio Lower Upper  
105 100  
120 26.3 12.7 38.0



#74  
N-ethyl acetate  
Concen: 33.577 ug/l  
RT: 12.488 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion: 43 Resp: 26647  
Ion Ratio Lower Upper  
43 100  
70 52.3 43.5 65.3  
55 30.7 24.8 37.2  
61 28.9 22.6 34.0

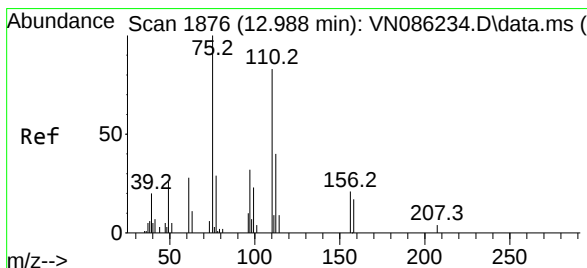
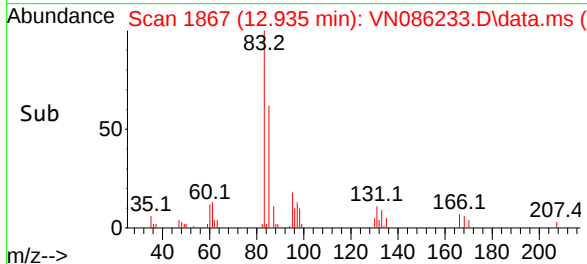
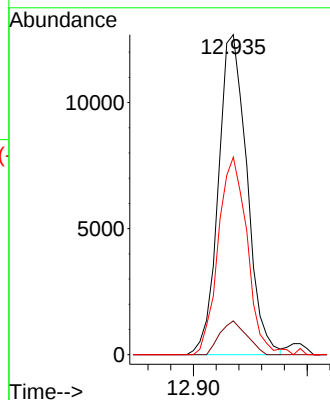
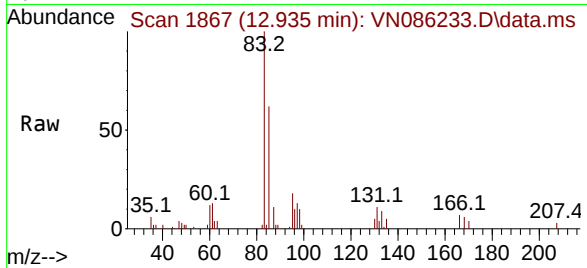




#75  
1,1,2,2-Tetrachloroethane  
Concen: 28.101 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

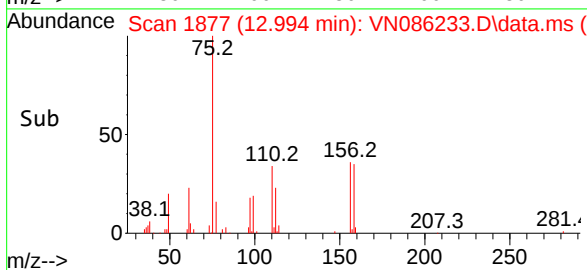
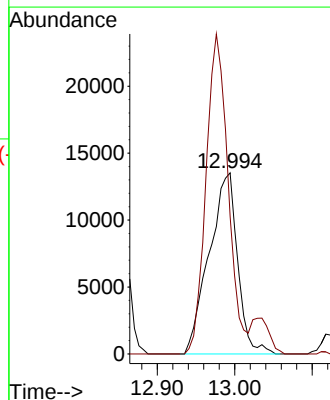
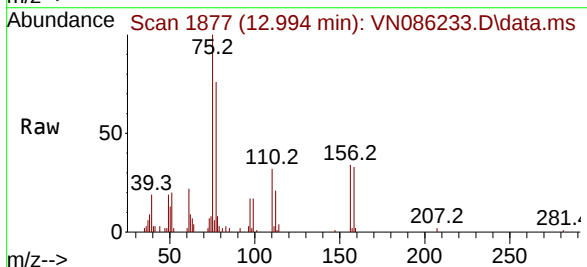
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

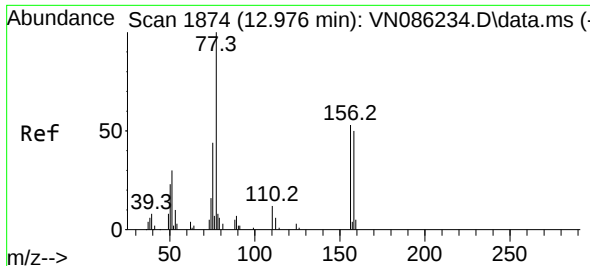
Tgt Ion: 83 Resp: 22152  
Ion Ratio Lower Upper  
83 100  
131 9.9 5.3 15.8  
85 62.6 29.6 88.9



#76  
1,2,3-Trichloropropane  
Concen: 39.011 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. 0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion: 75 Resp: 34482  
Ion Ratio Lower Upper  
75 100  
77 137.7 85.4 256.1

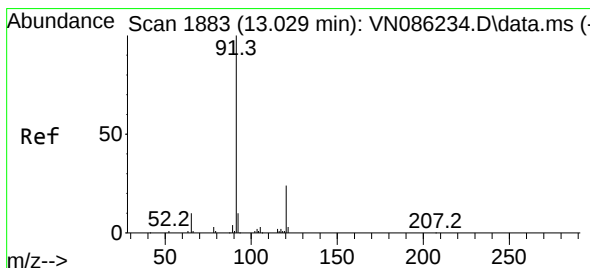
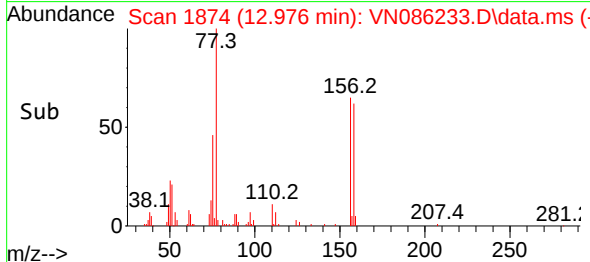
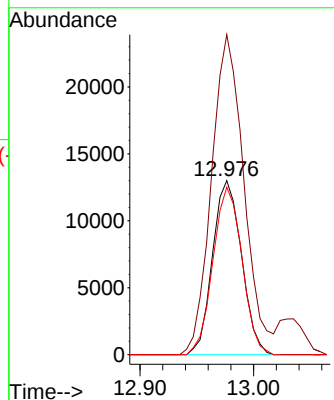
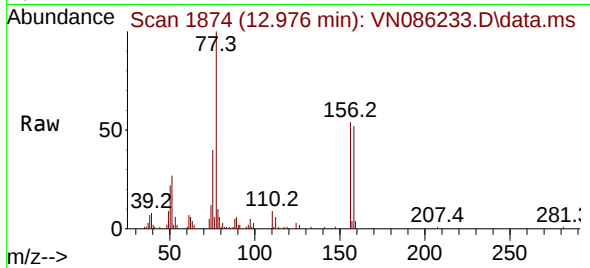




#77  
Bromobenzene  
Concen: 33.504 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

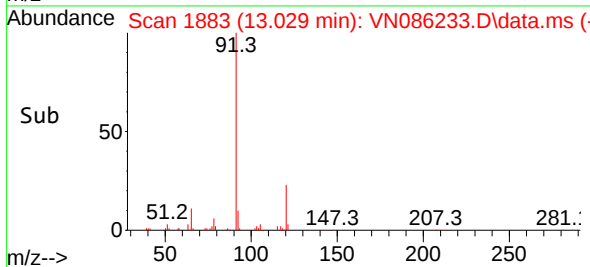
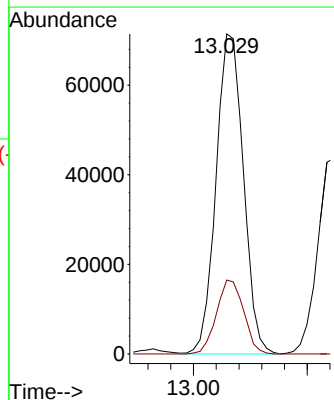
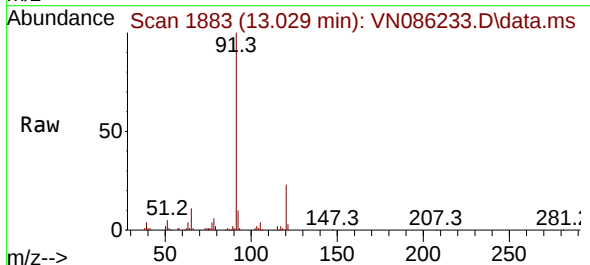
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

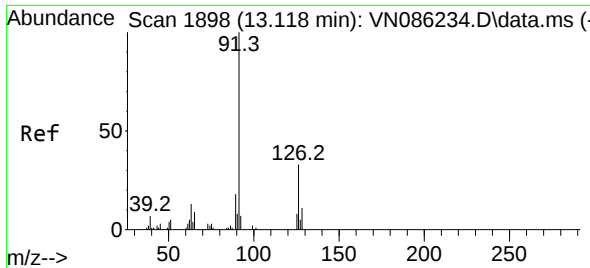
Tgt Ion:156 Resp: 23036  
Ion Ratio Lower Upper  
156 100  
77 206.0 108.3 325.0  
158 96.3 49.1 147.4



#78  
n-propylbenzene  
Concen: 40.851 ug/l  
RT: 13.029 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion: 91 Resp: 119511  
Ion Ratio Lower Upper  
91 100  
120 22.9 11.2 33.5

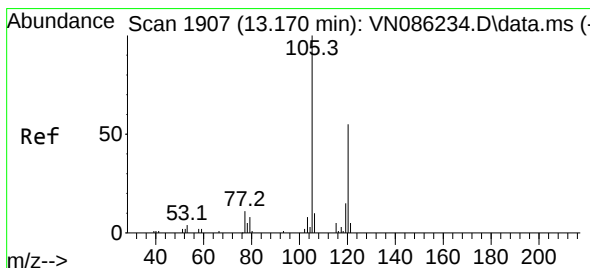
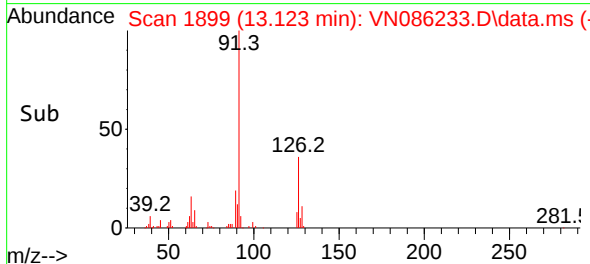
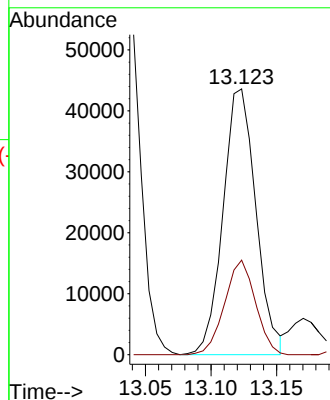
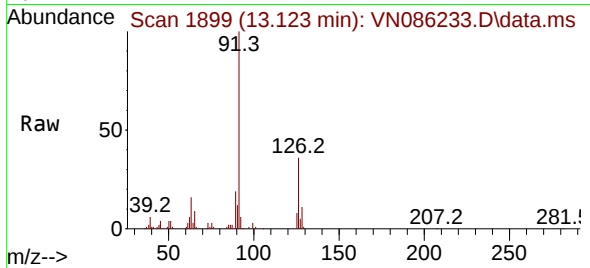




#79  
2-Chlorotoluene  
Concen: 37.464 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. 0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

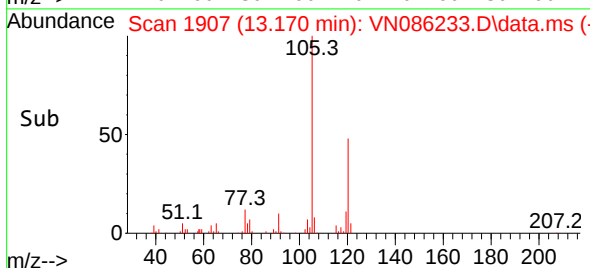
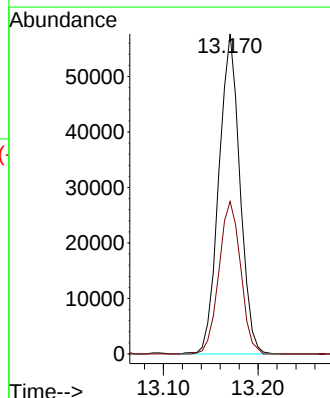
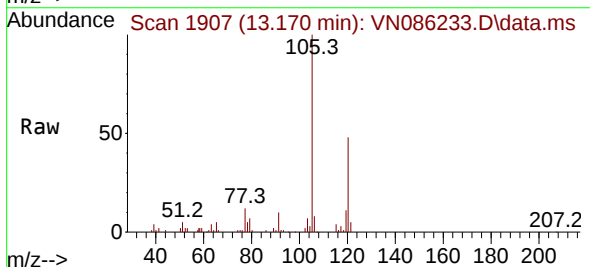
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

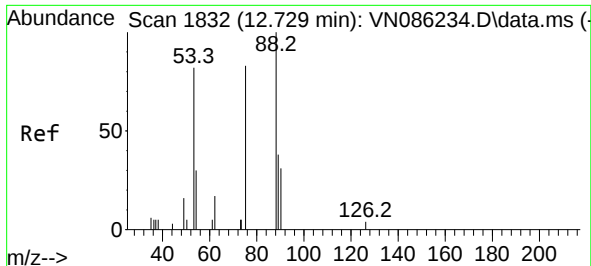
Tgt Ion: 91 Resp: 76200  
Ion Ratio Lower Upper  
91 100  
126 33.3 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 41.657 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion:105 Resp: 89151  
Ion Ratio Lower Upper  
105 100  
120 49.0 24.6 74.0

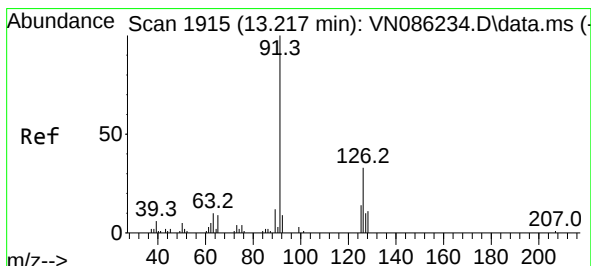
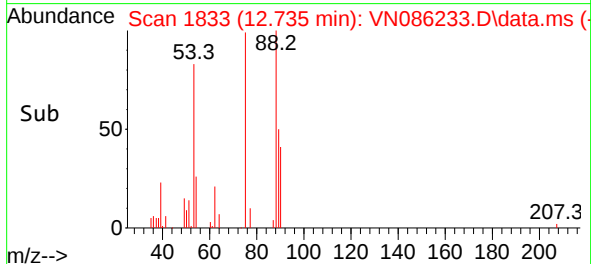
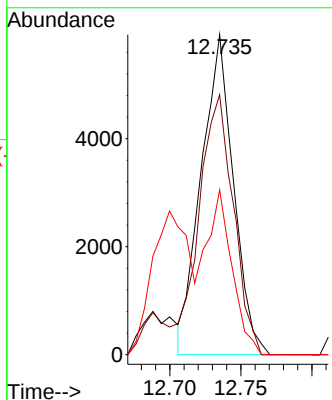
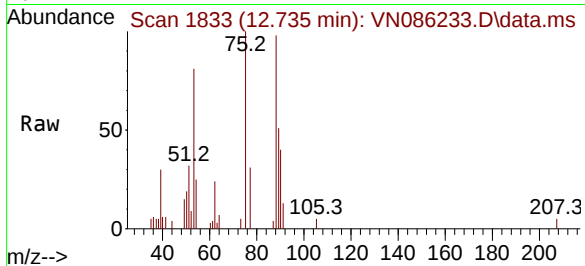




#81  
trans-1,4-Dichloro-2-butene  
Concen: 35.808 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

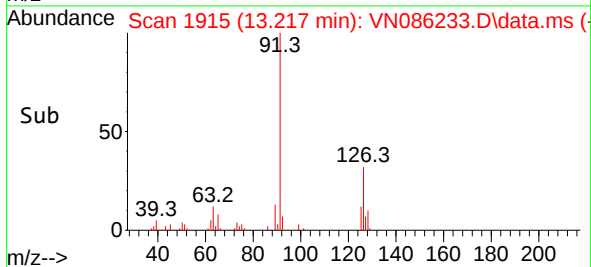
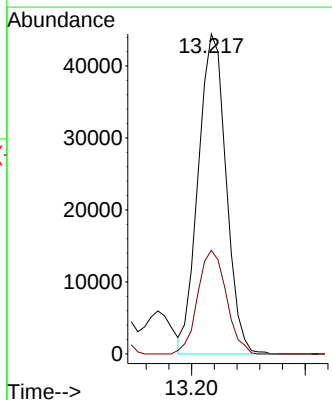
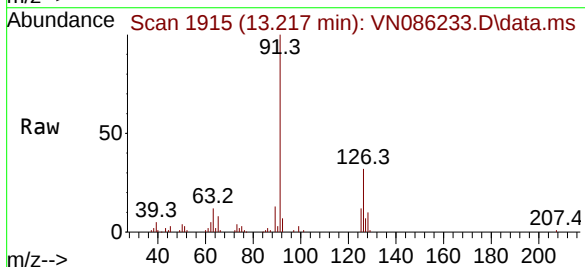
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

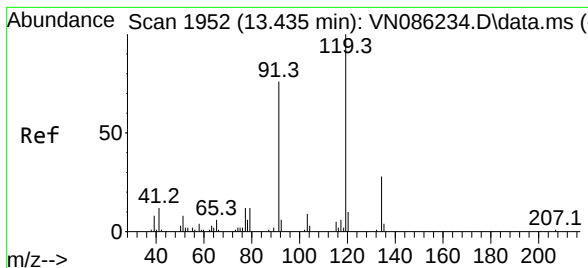
Tgt Ion: 75 Resp: 9353  
Ion Ratio Lower Upper  
75 100  
53 87.3 71.9 107.9  
89 41.9 36.4 54.6



#82  
4-Chlorotoluene  
Concen: 38.324 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion: 91 Resp: 75700  
Ion Ratio Lower Upper  
91 100  
126 33.2 15.8 47.4





#83

tert-Butylbenzene

Concen: 41.010 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC100

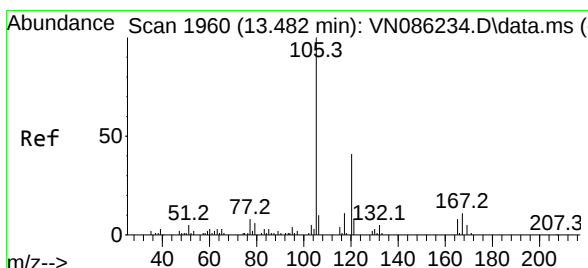
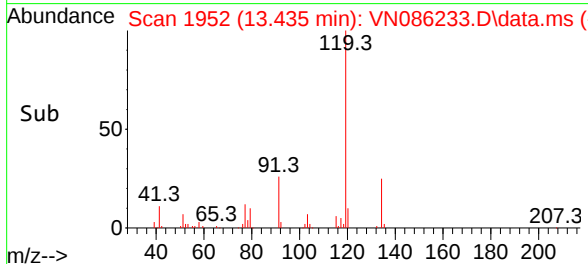
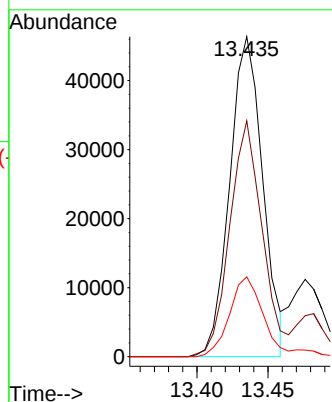
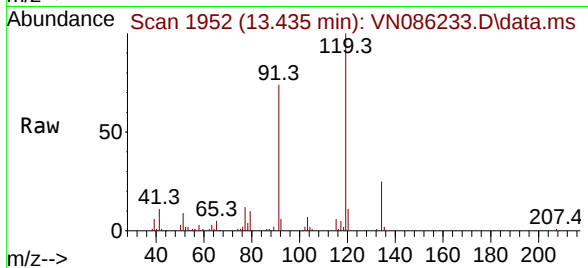
Tgt Ion:119 Resp: 75022

Ion Ratio Lower Upper

119 100

91 72.8 35.9 107.5

134 26.6 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 43.306 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN086233.D

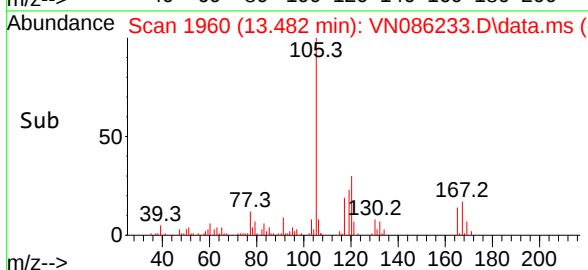
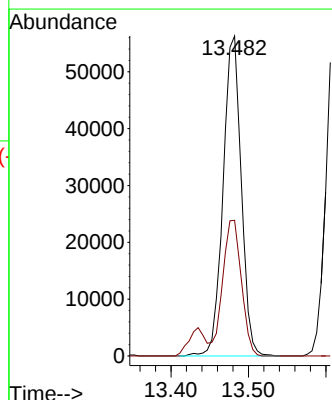
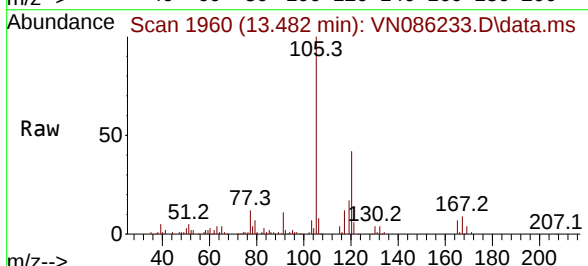
Acq: 07 Apr 2025 13:33

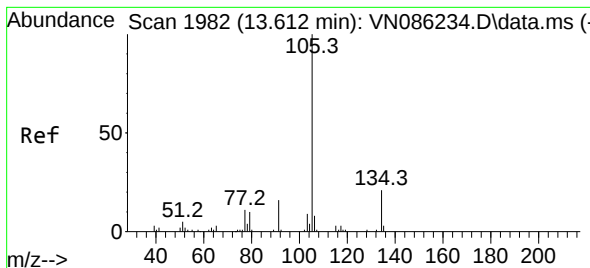
Tgt Ion:105 Resp: 91738

Ion Ratio Lower Upper

105 100

120 44.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 41.838 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA\_N

ClientSampleId :

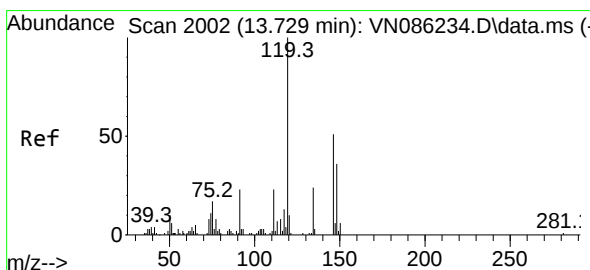
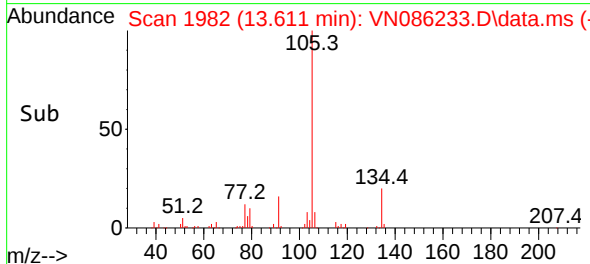
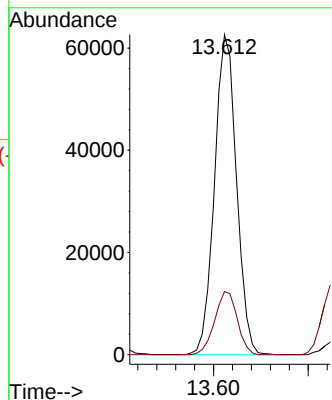
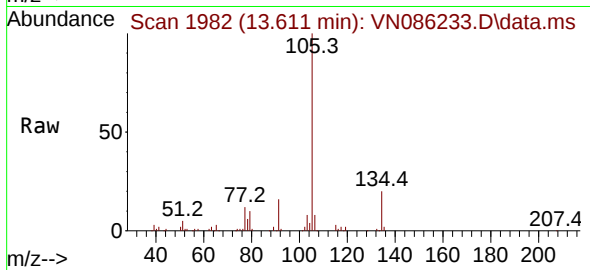
VSTDIC100

Tgt Ion:105 Resp: 101016

Ion Ratio Lower Upper

105 100

134 20.2 9.9 29.7



#86

p-Isopropyltoluene

Concen: 42.511 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

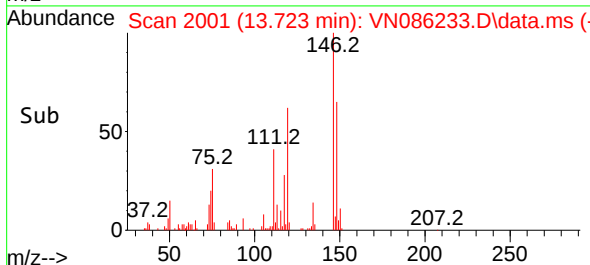
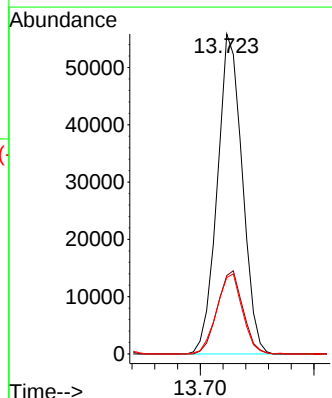
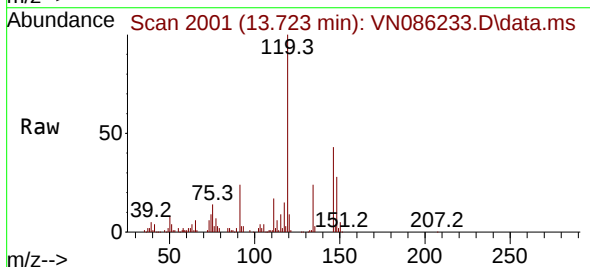
Tgt Ion:119 Resp: 85145

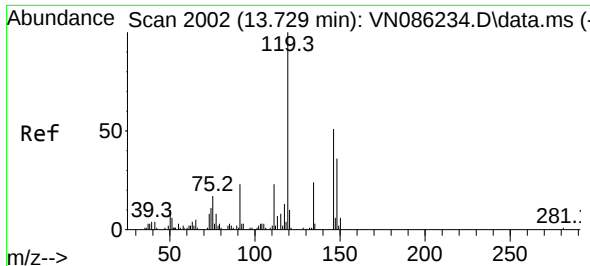
Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

91 25.8 12.8 38.4

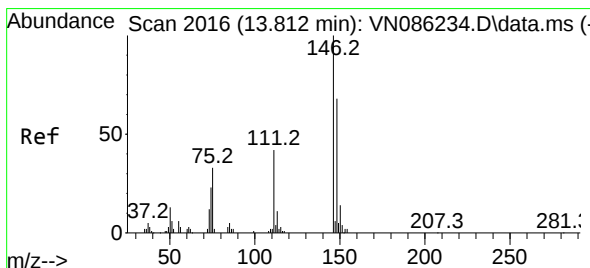
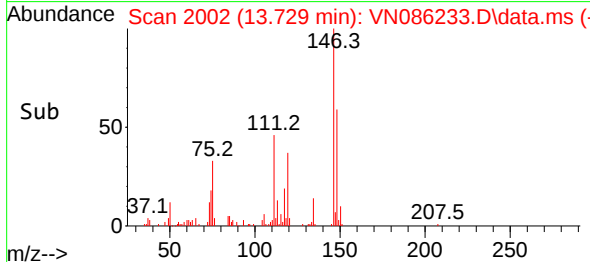
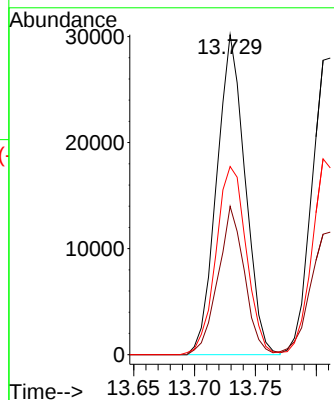
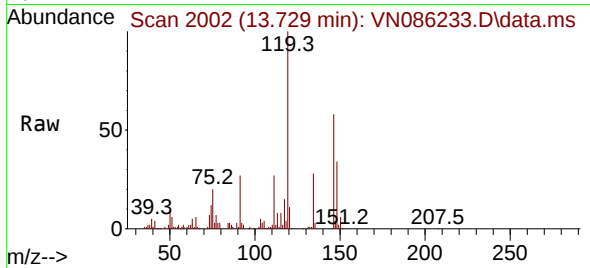




#87  
1,3-Dichlorobenzene  
Concen: 36.831 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

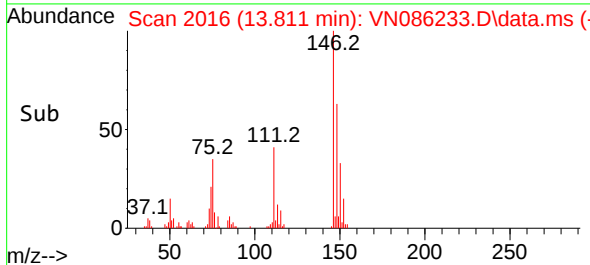
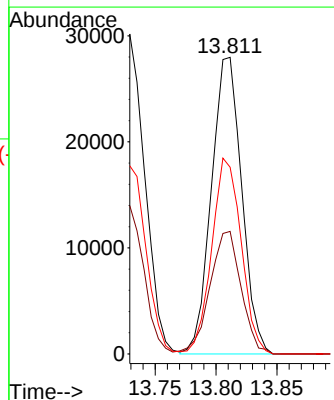
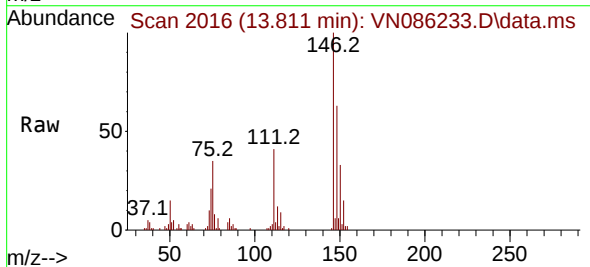
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

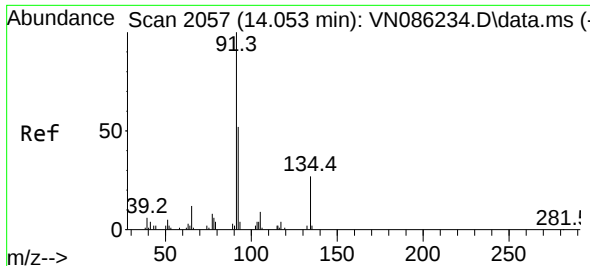
Tgt Ion:146 Resp: 49006  
Ion Ratio Lower Upper  
146 100  
111 43.0 21.3 64.0  
148 63.1 31.4 94.0



#88  
1,4-Dichlorobenzene  
Concen: 35.590 ug/l  
RT: 13.811 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion:146 Resp: 48438  
Ion Ratio Lower Upper  
146 100  
111 42.6 22.3 66.8  
148 64.3 33.4 100.2

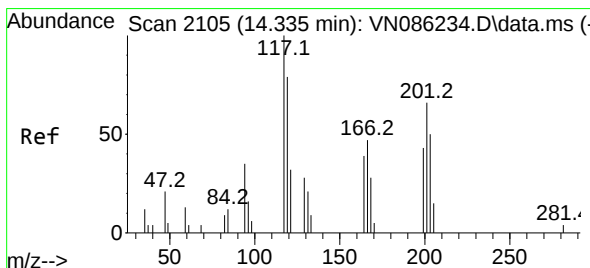
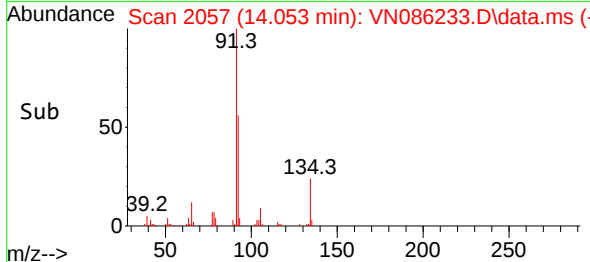
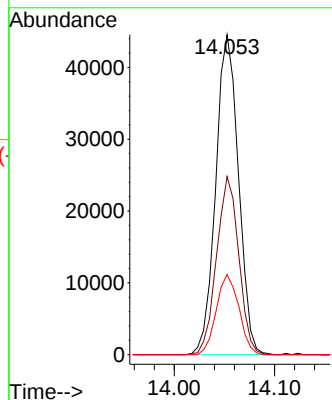
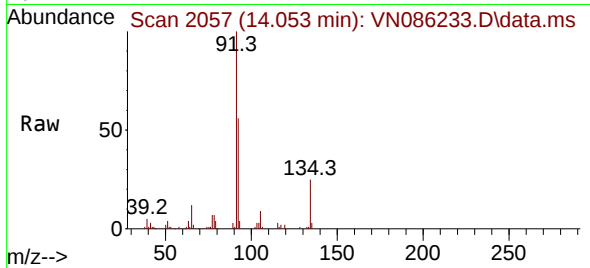




#89  
n-Butylbenzene  
Concen: 41.698 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

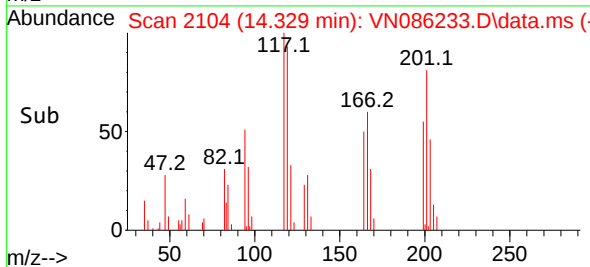
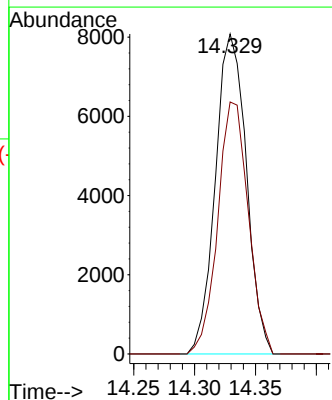
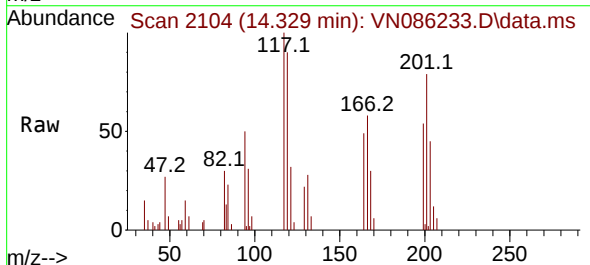
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

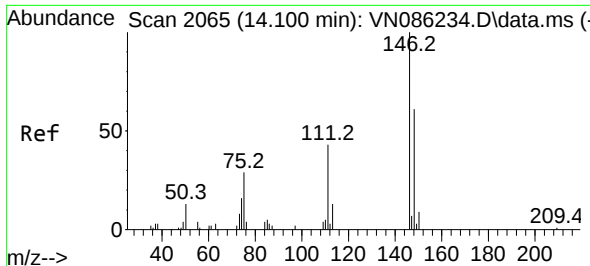
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 70181 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 54.3  | 25.1  | 75.4  |
| 134      | 24.8  | 13.4  | 40.1  |



#90  
Hexachloroethane  
Concen: 36.780 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. -0.006 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 14284 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 77.8  | 37.9  | 113.6 |

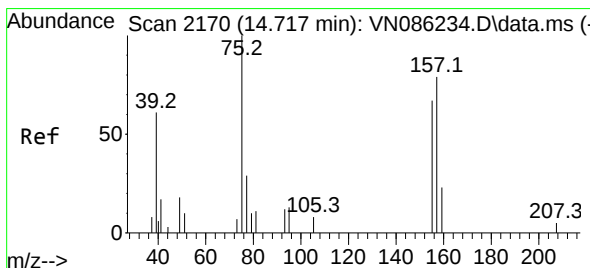
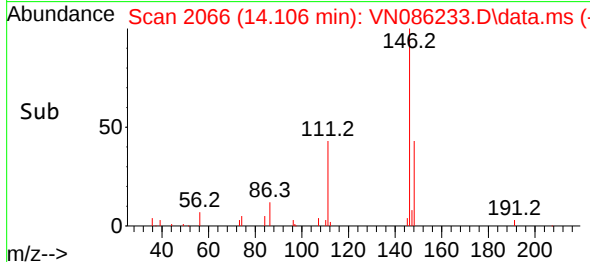
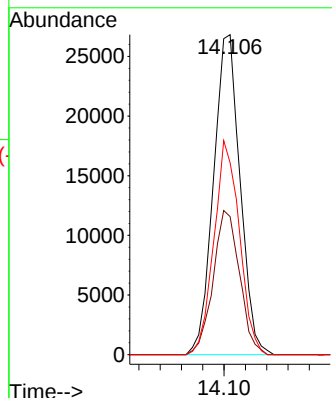
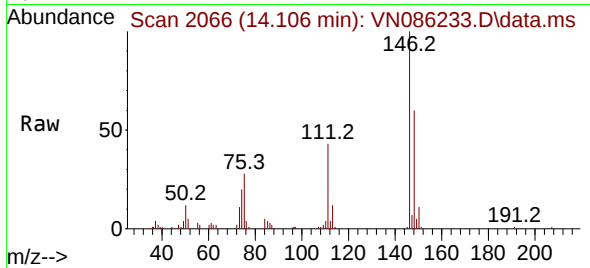




#91  
 1,2-Dichlorobenzene  
 Concen: 34.686 ug/l  
 RT: 14.106 min Scan# 2065  
 Delta R.T. 0.006 min  
 Lab File: VN086233.D  
 Acq: 07 Apr 2025 13:33

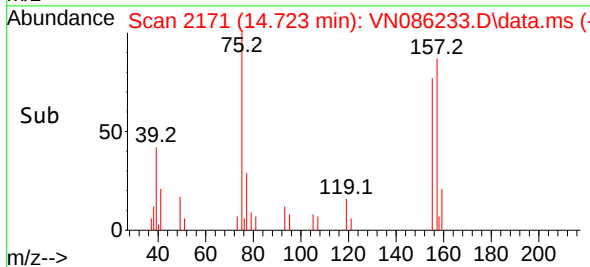
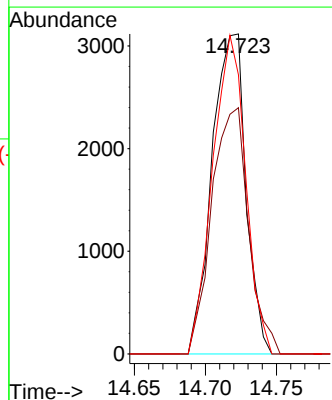
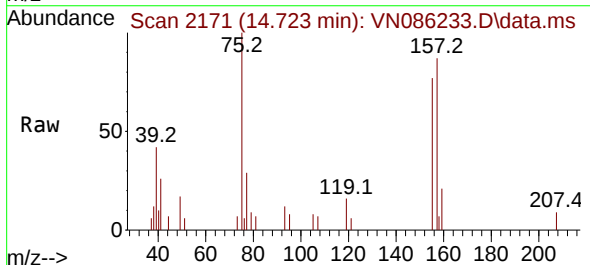
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

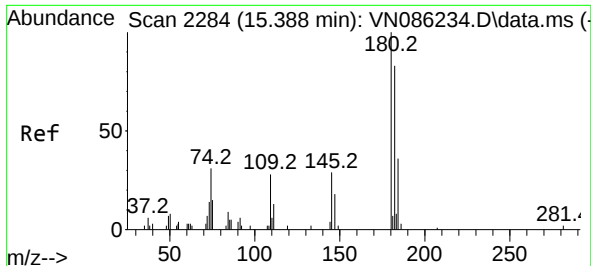
Tgt Ion:146 Resp: 46333  
 Ion Ratio Lower Upper  
 146 100  
 111 44.9 22.1 66.1  
 148 64.2 31.3 93.9



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 29.329 ug/l  
 RT: 14.723 min Scan# 2171  
 Delta R.T. 0.006 min  
 Lab File: VN086233.D  
 Acq: 07 Apr 2025 13:33

Tgt Ion: 75 Resp: 5168  
 Ion Ratio Lower Upper  
 75 100  
 155 83.3 39.0 117.0  
 157 97.0 44.1 132.4

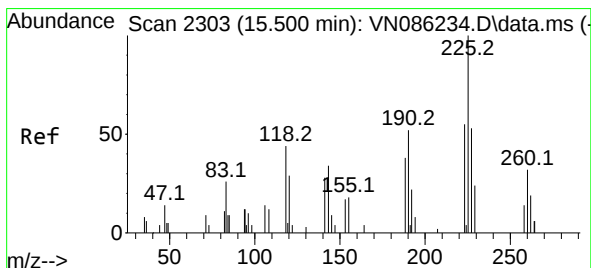
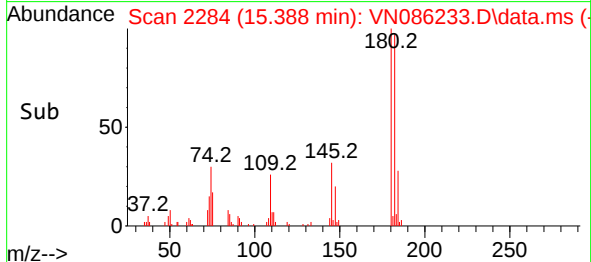
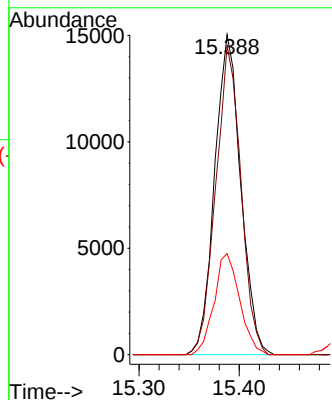
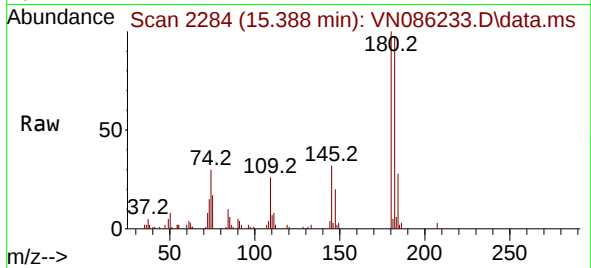




#93  
1,2,4-Trichlorobenzene  
Concen: 39.907 ug/l  
RT: 15.388 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

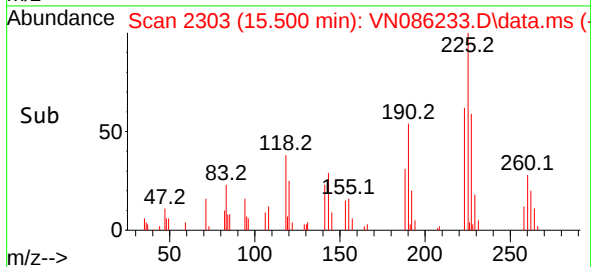
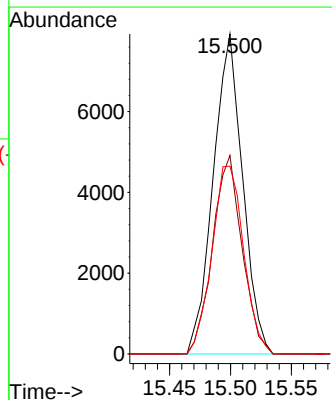
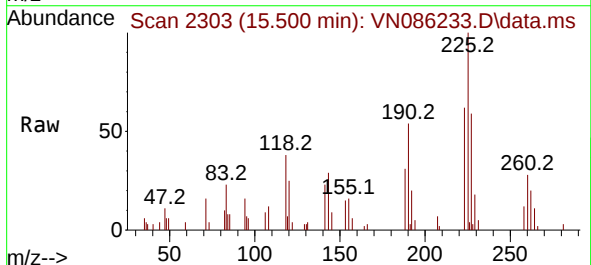
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

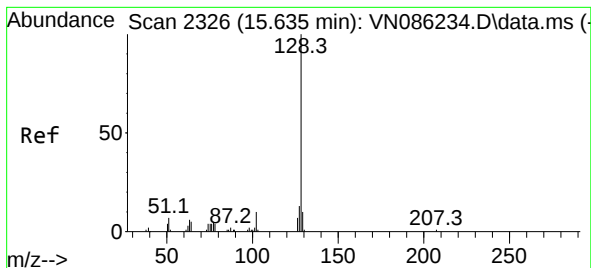
Tgt Ion:180 Resp: 27103  
Ion Ratio Lower Upper  
180 100  
182 93.3 43.7 131.1  
145 31.1 15.3 45.8



#94  
Hexachlorobutadiene  
Concen: 35.848 ug/l  
RT: 15.500 min Scan# 2303  
Delta R.T. -0.000 min  
Lab File: VN086233.D  
Acq: 07 Apr 2025 13:33

Tgt Ion:225 Resp: 13335  
Ion Ratio Lower Upper  
225 100  
223 62.3 29.8 89.5  
227 63.3 30.3 91.0





#95

Naphthalene

Concen: 39.953 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

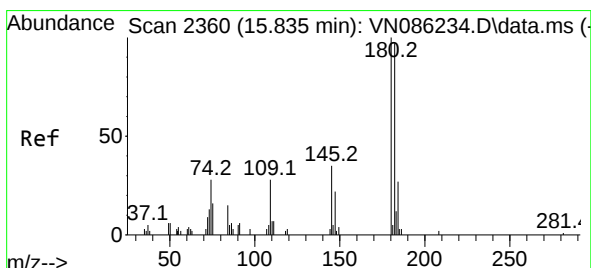
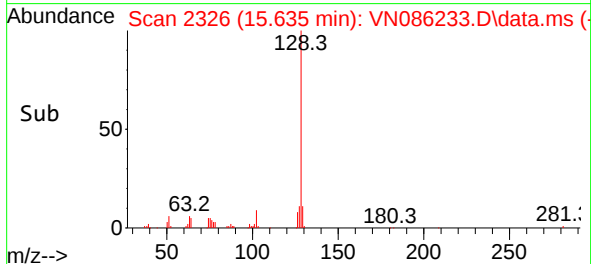
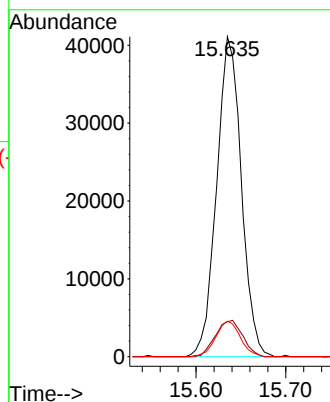
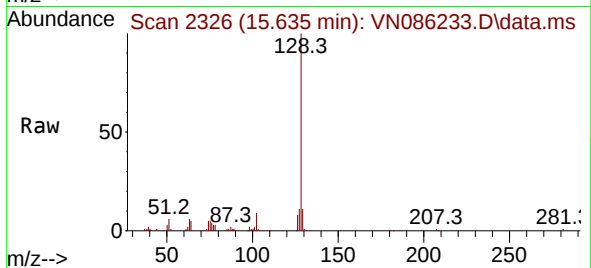
Tgt Ion:128 Resp: 78510

Ion Ratio Lower Upper

128 100

127 12.6 10.0 15.0

129 11.0 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 40.173 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Tgt Ion:180 Resp: 26246

Ion Ratio Lower Upper

180 100

182 92.1 45.9 137.7

145 34.7 16.4 49.1

