

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022525\  
 Data File : VN085847.D  
 Acq On : 25 Feb 2025 10:45  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050

Quant Time: Feb 25 23:20:20 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 19 03:43:32 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------------|----------|
| -----                        |        |       |          |          |             |          |
| Internal Standards           |        |       |          |          |             |          |
| 1) Pentafluorobenzene        | 8.223  | 168   | 262718   | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100  | 114   | 419879   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5         | 11.864 | 117   | 388712   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.788 | 152   | 207967   | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds  |        |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4    | 8.576  | 65    | 177239   | 52.037   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | = 104.080%  |          |
| 35) Dibromofluoromethane     | 8.165  | 113   | 154386   | 56.192   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 112.380%  |          |
| 50) Toluene-d8               | 10.565 | 98    | 566626   | 56.684   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | = 113.360%# |          |
| 62) 4-Bromofluorobenzene     | 12.847 | 95    | 201854   | 61.288   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | = 122.580%# |          |
| Target Compounds             |        |       |          |          |             | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 159835   | 44.728   | ug/l        | 98       |
| 3) Chloromethane             | 2.359  | 50    | 153932   | 42.928   | ug/l        | 98       |
| 4) Vinyl Chloride            | 2.512  | 62    | 166113   | 43.752   | ug/l        | 98       |
| 5) Bromomethane              | 2.941  | 94    | 98084    | 40.402   | ug/l        | 92       |
| 6) Chloroethane              | 3.112  | 64    | 105722   | 42.039   | ug/l        | 98       |
| 7) Trichlorofluoromethane    | 3.494  | 101   | 241646   | 43.960   | ug/l        | 97       |
| 8) Diethyl Ether             | 3.959  | 74    | 80261    | 45.126   | ug/l        | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 4.365  | 101   | 148401   | 46.704   | ug/l        | 97       |
| 10) Methyl Iodide            | 4.583  | 142   | 174011   | 44.427   | ug/l        | 100      |
| 11) Tert butyl alcohol       | 5.518  | 59    | 119139   | 284.396  | ug/l #      | 87       |
| 12) 1,1-Dichloroethene       | 4.336  | 96    | 128962   | 44.762   | ug/l        | 97       |
| 13) Acrolein                 | 4.177  | 56    | 151056   | 243.156  | ug/l        | 96       |
| 14) Allyl chloride           | 5.018  | 41    | 162714   | 43.016   | ug/l        | 97       |
| 15) Acrylonitrile            | 5.718  | 53    | 370582   | 272.112  | ug/l        | 100      |
| 16) Acetone                  | 4.424  | 43    | 272575   | 252.915  | ug/l        | 96       |
| 17) Carbon Disulfide         | 4.712  | 76    | 348669   | 40.834   | ug/l        | 98       |
| 18) Methyl Acetate           | 5.024  | 43    | 191592   | 51.685   | ug/l        | 100      |
| 19) Methyl tert-butyl Ether  | 5.794  | 73    | 418621   | 48.897   | ug/l        | 99       |
| 20) Methylene Chloride       | 5.271  | 84    | 157268   | 45.376   | ug/l        | 99       |
| 21) trans-1,2-Dichloroethene | 5.782  | 96    | 139654   | 45.017   | ug/l        | 94       |
| 22) Diisopropyl ether        | 6.671  | 45    | 424561   | 49.672   | ug/l        | 97       |
| 23) Vinyl Acetate            | 6.600  | 43    | 1448528  | 247.515  | ug/l        | 100      |
| 24) 1,1-Dichloroethane       | 6.571  | 63    | 267355   | 46.014   | ug/l        | 99       |
| 25) 2-Butanone               | 7.482  | 43    | 438019   | 276.257  | ug/l        | 100      |
| 26) 2,2-Dichloropropane      | 7.482  | 77    | 234167   | 45.323   | ug/l        | 99       |
| 27) cis-1,2-Dichloroethene   | 7.482  | 96    | 163230   | 45.379   | ug/l        | 98       |
| 28) Bromochloromethane       | 7.812  | 49    | 136179   | 57.024   | ug/l        | 97       |
| 29) Tetrahydrofuran          | 7.835  | 42    | 303180   | 296.115  | ug/l        | 99       |
| 30) Chloroform               | 7.965  | 83    | 285082   | 46.950   | ug/l        | 99       |
| 31) Cyclohexane              | 8.253  | 56    | 201261   | 41.370   | ug/l        | 97       |
| 32) 1,1,1-Trichloroethane    | 8.165  | 97    | 244012   | 45.182   | ug/l        | 98       |
| 36) 1,1-Dichloropropene      | 8.371  | 75    | 186531   | 47.971   | ug/l        | 99       |
| 37) Ethyl Acetate            | 7.559  | 43    | 181740   | 56.795   | ug/l        | 99       |
| 38) Carbon Tetrachloride     | 8.359  | 117   | 220471   | 47.719   | ug/l        | 95       |
| 39) Methylcyclohexane        | 9.600  | 83    | 175866   | 46.038   | ug/l        | 97       |
| 40) Benzene                  | 8.606  | 78    | 607989   | 48.785   | ug/l        | 99       |

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 Data File : VN085847.D  
 Acq On : 25 Feb 2025 10:45  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050

Quant Time: Feb 25 23:20:20 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 19 03:43:32 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.776  | 41   | 89515    | 52.329   | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 194526   | 47.920   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 282324   | 50.276   | ug/l   | 98       |
| 44) Trichloroethene           | 9.347  | 130  | 137083   | 44.799   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 150940   | 50.175   | ug/l   | 99       |
| 46) Dibromomethane            | 9.706  | 93   | 108020   | 50.907   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.888  | 83   | 224517   | 49.456   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.682  | 41   | 132409   | 55.716   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 55403    | 1225.957 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 944594   | 306.170  | ug/l   | 100      |
| 52) Toluene                   | 10.629 | 92   | 380805   | 52.126   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 214580   | 51.116   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 233729   | 50.775   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 148614   | 51.165   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.870 | 69   | 215393   | 51.398   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 251539   | 51.877   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 594458   | 329.321  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.194 | 43   | 695855   | 327.856  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.359 | 129  | 176267   | 52.116   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 144225   | 52.553   | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.100 | 164  | 130259   | 43.256   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.888 | 112  | 415060   | 46.611   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 153492   | 47.956   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.964 | 91   | 697002   | 49.968   | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.070 | 106  | 565804   | 106.786  | ug/l   | 98       |
| 69) o-Xylene                  | 12.400 | 106  | 260682   | 51.775   | ug/l   | 99       |
| 70) Styrene                   | 12.406 | 104  | 464389   | 49.605   | ug/l   | 100      |
| 71) Bromoform                 | 12.576 | 173  | 124763   | 52.459   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.694 | 105  | 646774   | 45.395   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 247325   | 49.225   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 223621   | 45.611   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 292992   | 63.423   | ug/l   | 52       |
| 77) Bromobenzene              | 12.982 | 156  | 171354   | 44.516   | ug/l   | 95       |
| 78) n-propylbenzene           | 13.035 | 91   | 793863   | 48.652   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 492367   | 45.163   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 570543   | 49.159   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 88348    | 55.800   | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 505722   | 46.792   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 450921   | 46.202   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 583795   | 50.841   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 651555   | 47.250   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 547850   | 43.863   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 325569   | 45.144   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.811 | 146  | 320502   | 43.360   | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 440169   | 44.959   | ug/l   | 98       |
| 90) Hexachloroethane          | 14.329 | 117  | 113955   | 43.635   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 14.105 | 146  | 312755   | 45.098   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 40909    | 45.439   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 142134   | 43.011   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.499 | 225  | 75850    | 37.768   | ug/l   | 99       |
| 95) Naphthalene               | 15.641 | 128  | 419862   | 46.279   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 143174   | 43.157   | ug/l   | 100      |

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Data File : VN085847.D  
Acq On : 25 Feb 2025 10:45  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Quant Time: Feb 25 23:20:20 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021825W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 19 03:43:32 2025  
Response via : Initial Calibration

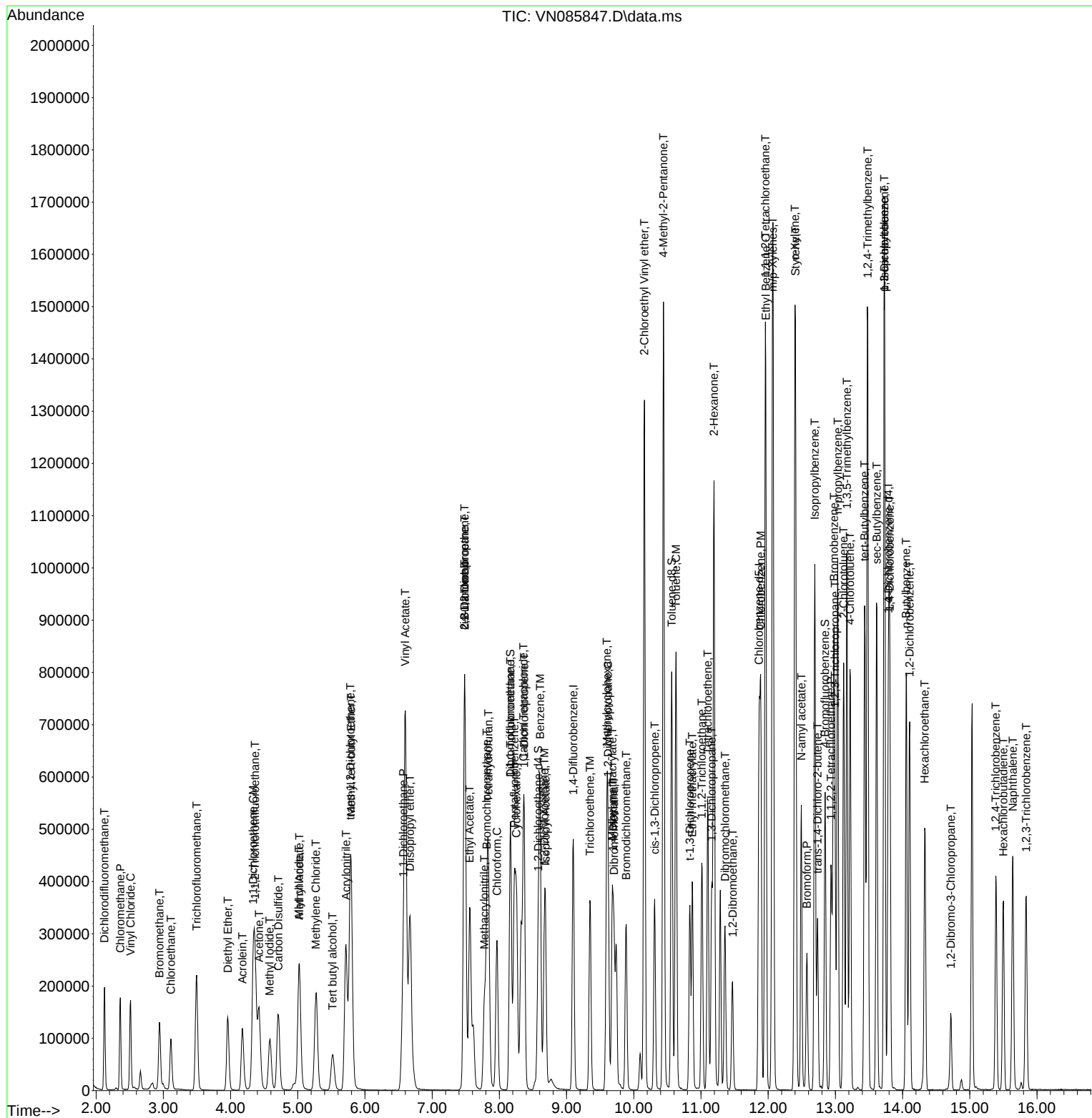
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

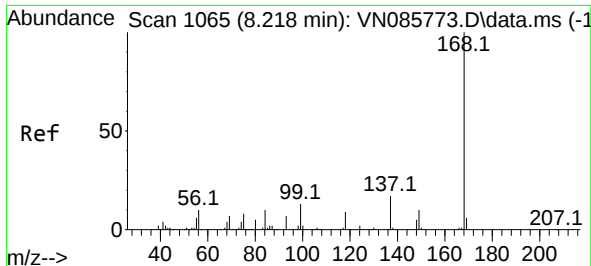
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022525\  
Data File : VN085847.D  
Acq On : 25 Feb 2025 10:45  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Quant Time: Feb 25 23:20:20 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021825W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 19 03:43:32 2025  
Response via : Initial Calibration

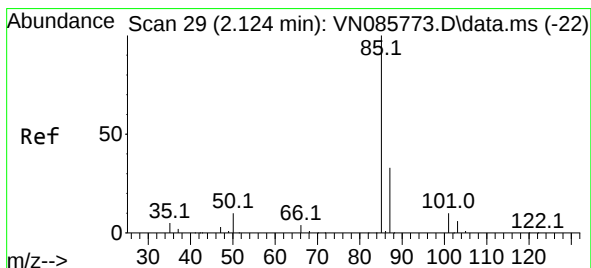
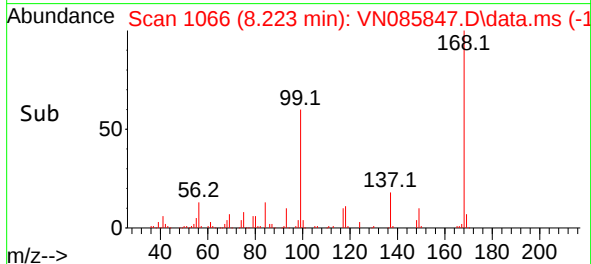
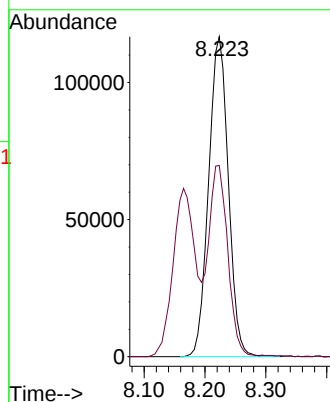
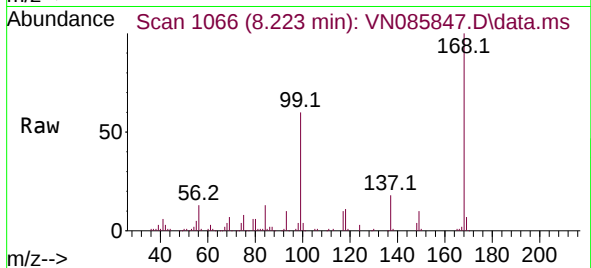




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.223 min Scan# 1066  
Delta R.T. 0.005 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

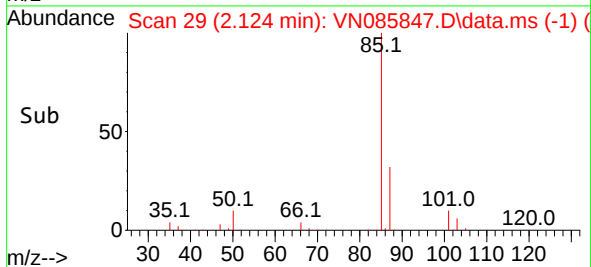
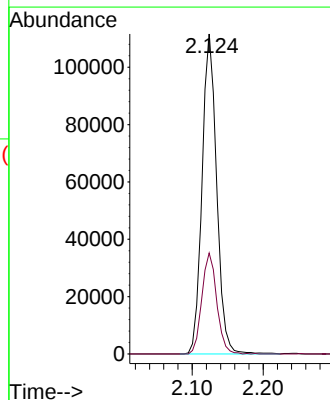
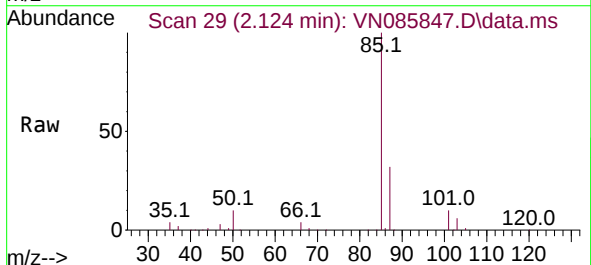
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

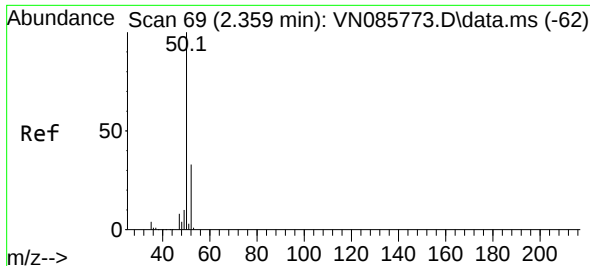
Tgt Ion:168 Resp: 262718  
Ion Ratio Lower Upper  
168 100  
99 59.4 47.9 71.9



#2  
Dichlorodifluoromethane  
Concen: 44.728 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 85 Resp: 159835  
Ion Ratio Lower Upper  
85 100  
87 31.5 16.4 49.2

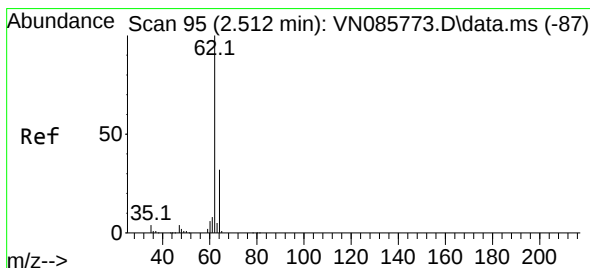
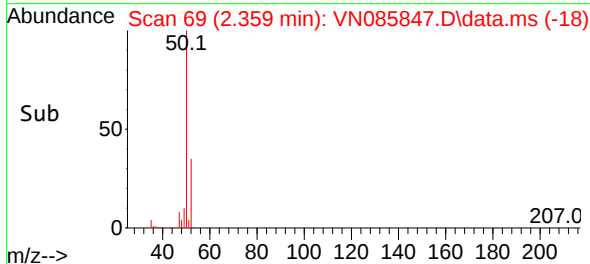
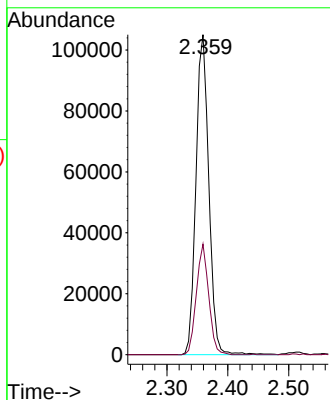
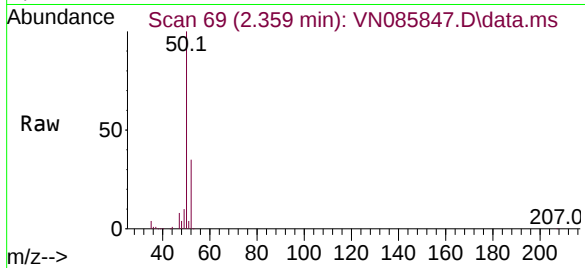




#3  
Chloromethane  
Concen: 42.928 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

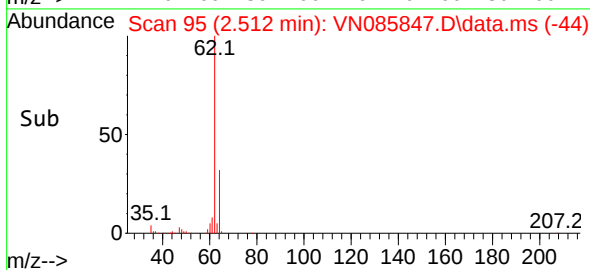
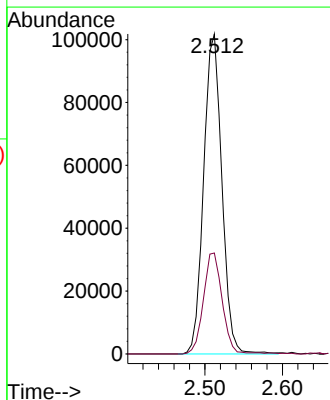
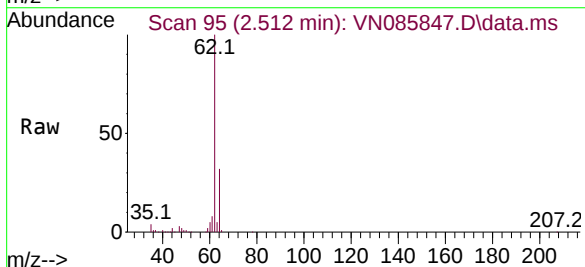
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

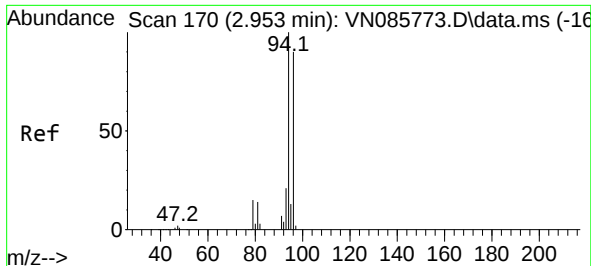
Tgt Ion: 50 Resp: 153932  
Ion Ratio Lower Upper  
50 100  
52 34.6 26.7 40.1



#4  
Vinyl Chloride  
Concen: 43.752 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 62 Resp: 166113  
Ion Ratio Lower Upper  
62 100  
64 31.5 25.9 38.9

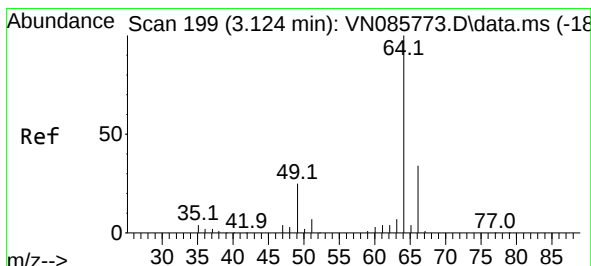
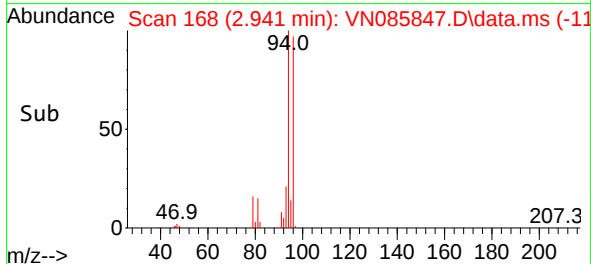
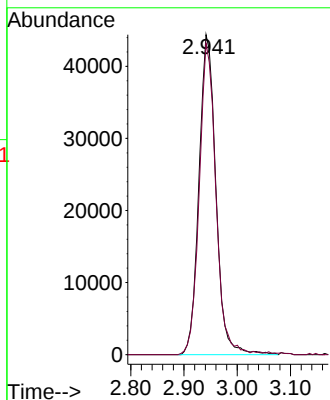
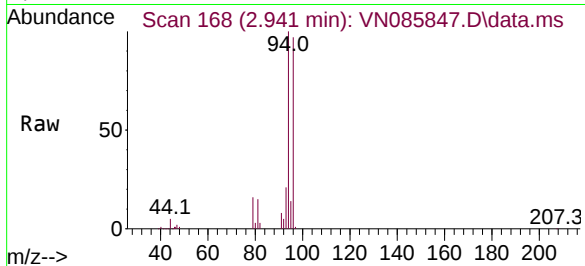




#5  
Bromomethane  
Concen: 40.402 ug/l  
RT: 2.941 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

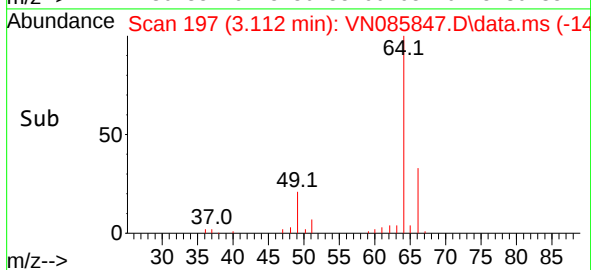
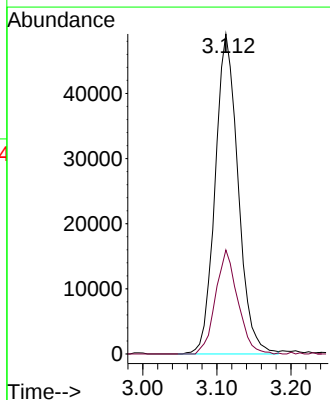
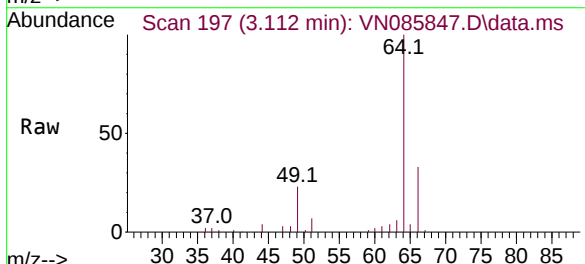
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

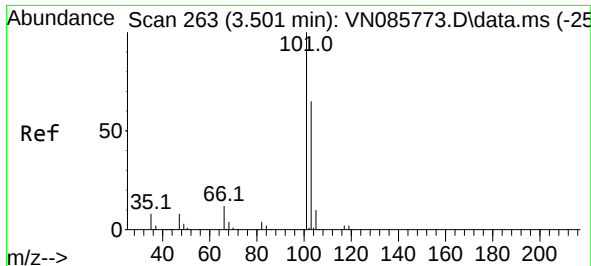
Tgt Ion: 94 Resp: 98084  
Ion Ratio Lower Upper  
94 100  
96 97.3 71.7 107.5



#6  
Chloroethane  
Concen: 42.039 ug/l  
RT: 3.112 min Scan# 197  
Delta R.T. -0.012 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 64 Resp: 105722  
Ion Ratio Lower Upper  
64 100  
66 32.5 27.0 40.6

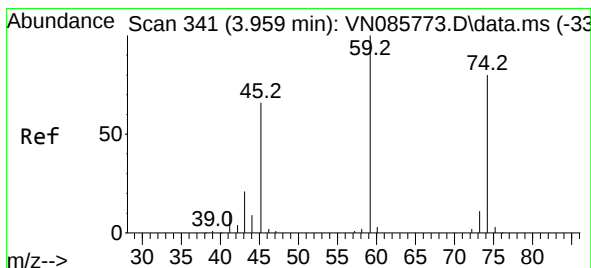
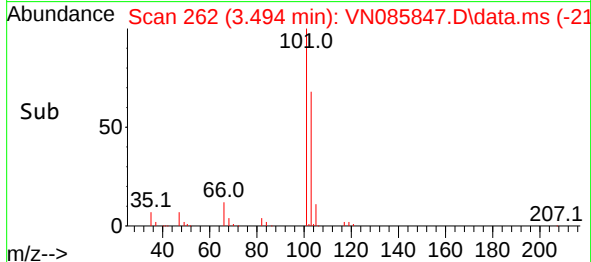
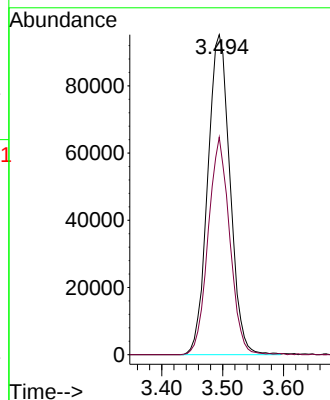
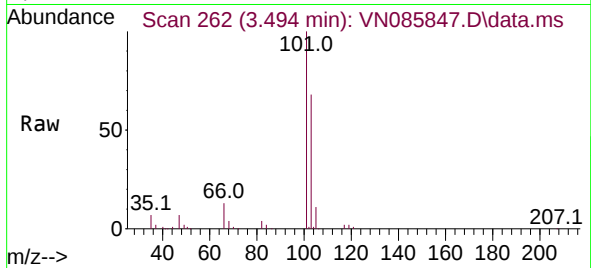




#7  
 Trichlorofluoromethane  
 Concen: 43.960 ug/l  
 RT: 3.494 min Scan# 262  
 Delta R.T. -0.006 min  
 Lab File: VN085847.D  
 Acq: 25 Feb 2025 10:45

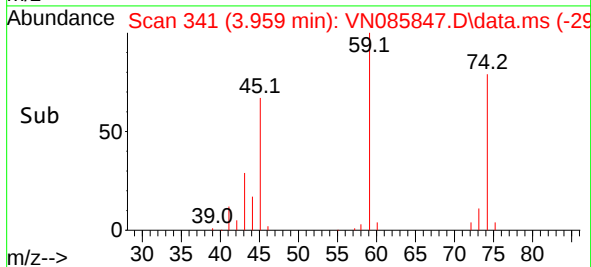
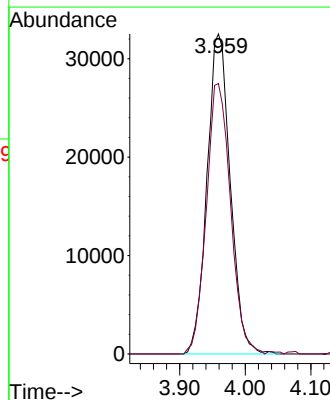
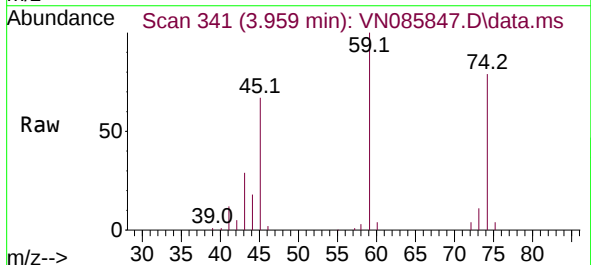
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

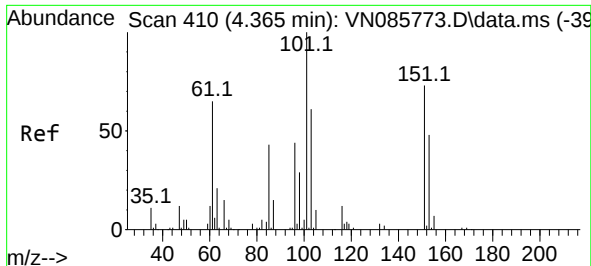
Tgt Ion:101 Resp: 241646  
 Ion Ratio Lower Upper  
 101 100  
 103 67.9 52.2 78.4



#8  
 Diethyl Ether  
 Concen: 45.126 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. -0.000 min  
 Lab File: VN085847.D  
 Acq: 25 Feb 2025 10:45

Tgt Ion: 74 Resp: 80261  
 Ion Ratio Lower Upper  
 74 100  
 45 87.8 42.5 127.6

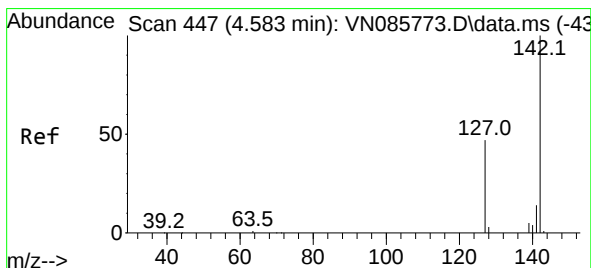
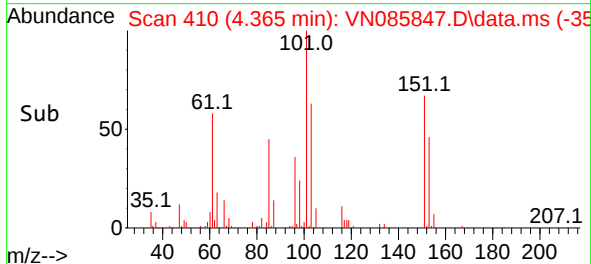
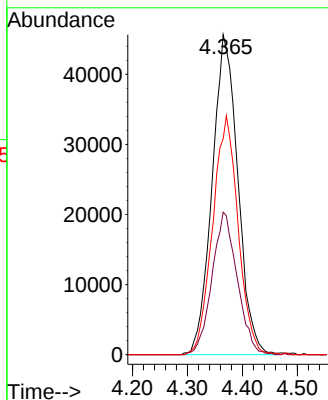
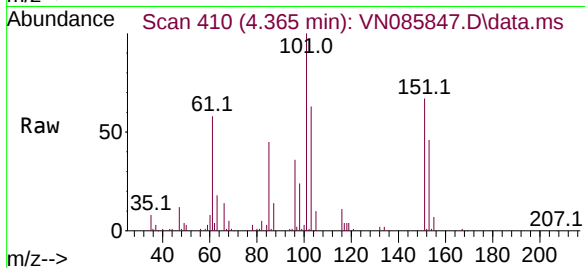




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.704 ug/l  
RT: 4.365 min Scan# 410  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

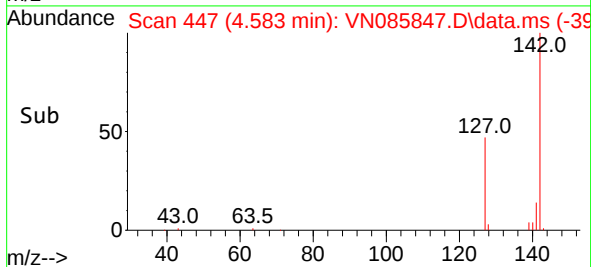
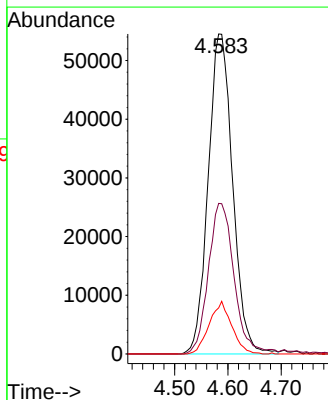
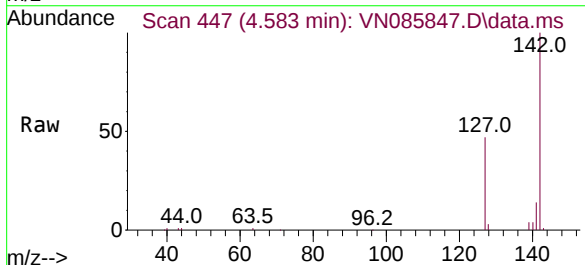
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

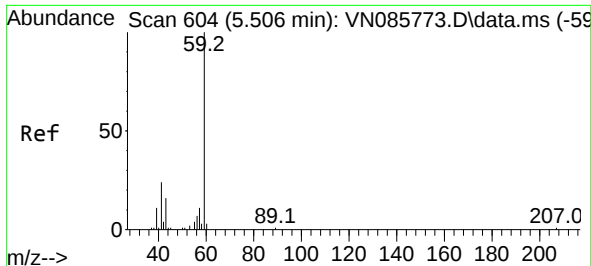
Tgt Ion:101 Resp: 148401  
Ion Ratio Lower Upper  
101 100  
85 43.6 35.7 53.5  
151 73.9 61.4 92.2



#10  
Methyl Iodide  
Concen: 44.427 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion:142 Resp: 174011  
Ion Ratio Lower Upper  
142 100  
127 47.0 37.6 56.4  
141 14.4 11.4 17.2

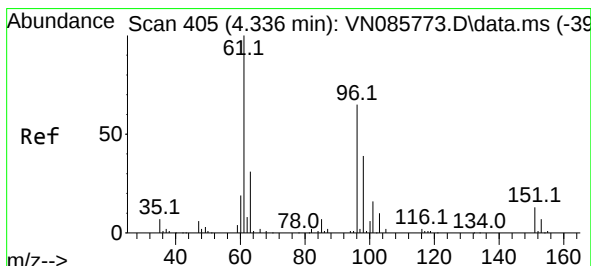
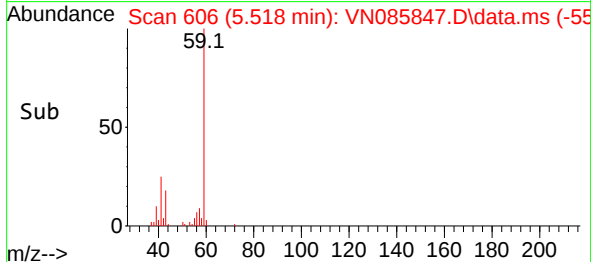
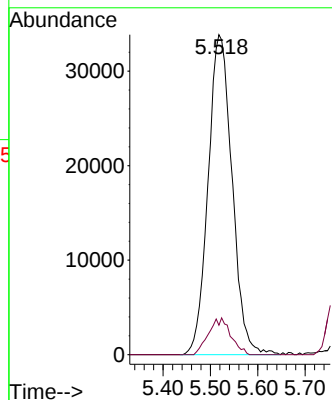
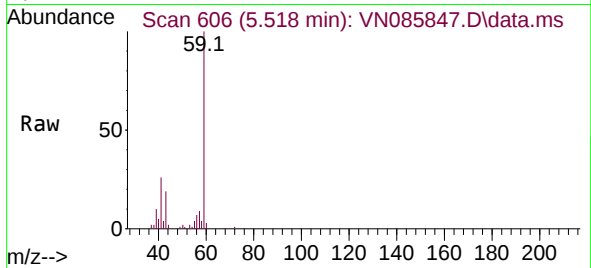




#11  
Tert butyl alcohol  
Concen: 284.396 ug/l  
RT: 5.518 min Scan# 604  
Delta R.T. 0.012 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

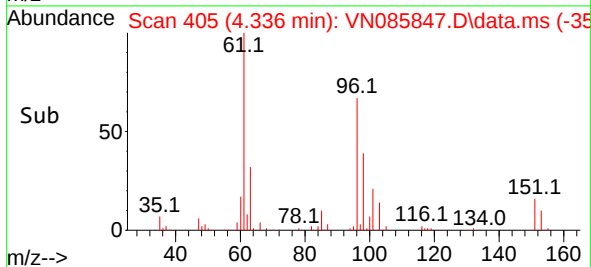
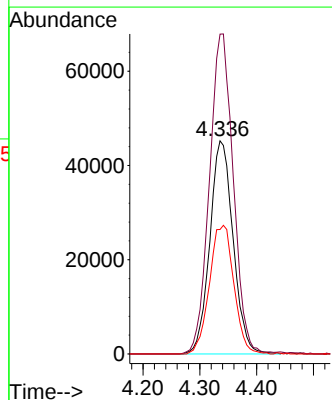
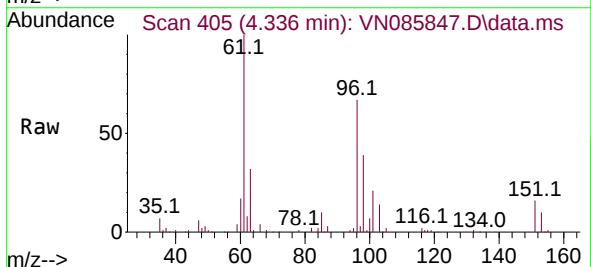
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

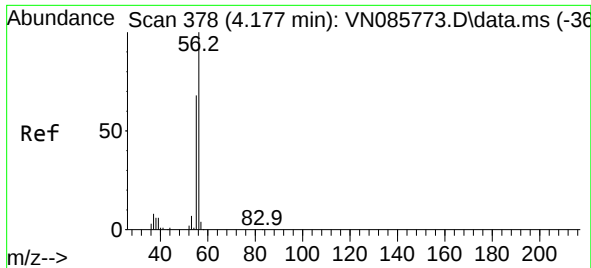
Tgt Ion: 59 Resp: 119139  
Ion Ratio Lower Upper  
59 100  
57 5.5 8.3 12.5#



#12  
1,1-Dichloroethene  
Concen: 44.762 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 96 Resp: 128962  
Ion Ratio Lower Upper  
96 100  
61 150.1 123.3 184.9  
98 58.4 48.6 72.8

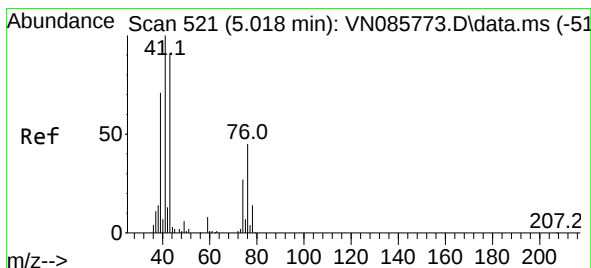
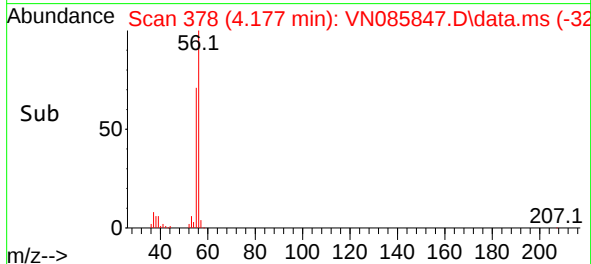
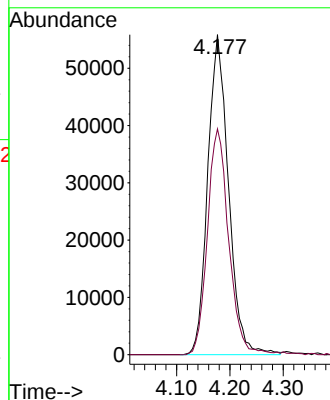
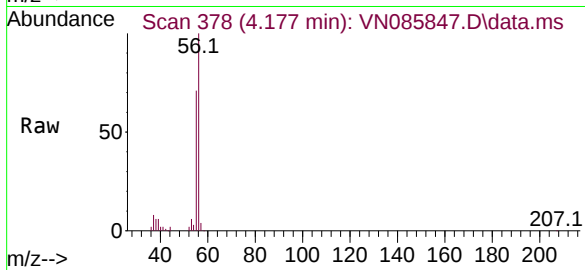




#13  
Acrolein  
Concen: 243.156 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

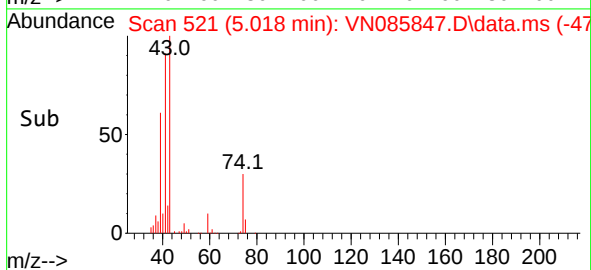
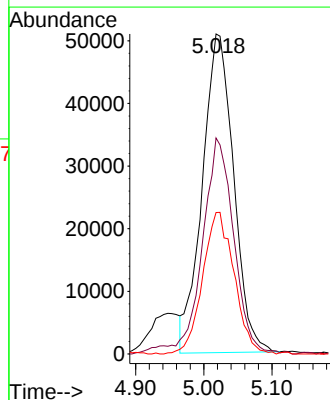
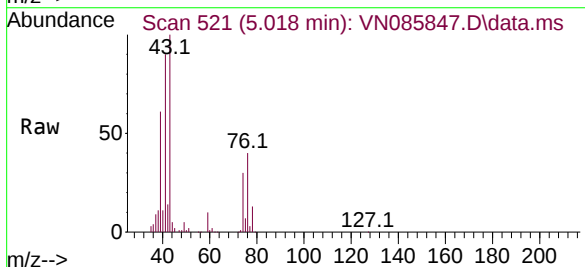
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

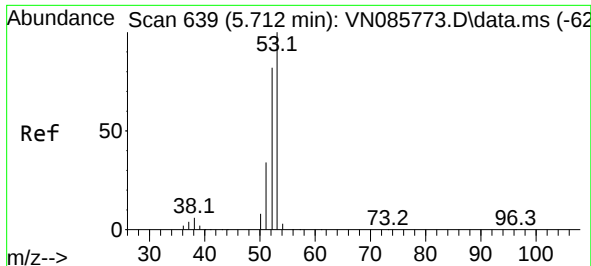
Tgt Ion: 56 Resp: 151056  
Ion Ratio Lower Upper  
56 100  
55 72.1 55.3 82.9



#14  
Allyl chloride  
Concen: 43.016 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 41 Resp: 162714  
Ion Ratio Lower Upper  
41 100  
39 68.6 57.4 86.2  
76 44.6 36.2 54.2

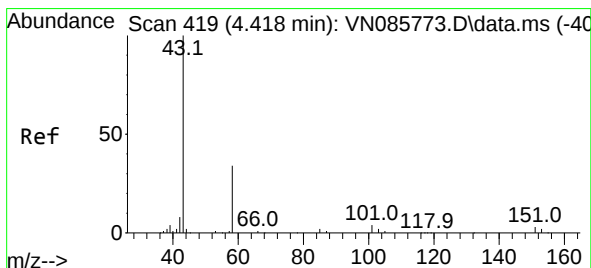
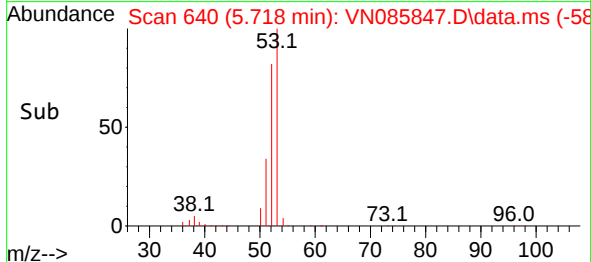
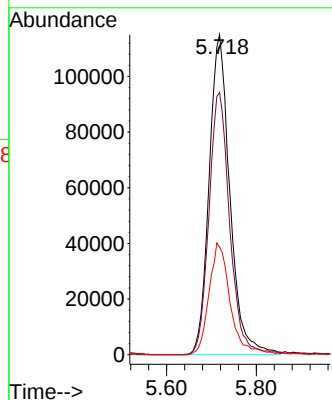
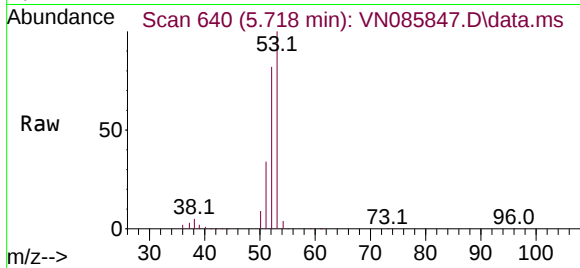




#15  
Acrylonitrile  
Concen: 272.112 ug/l  
RT: 5.718 min Scan# 64  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

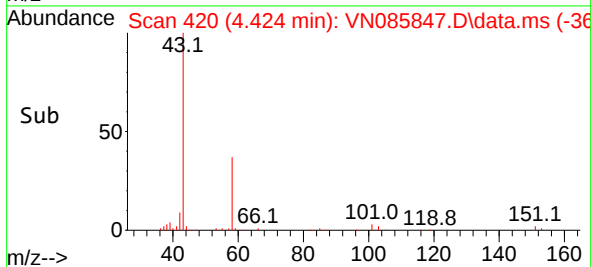
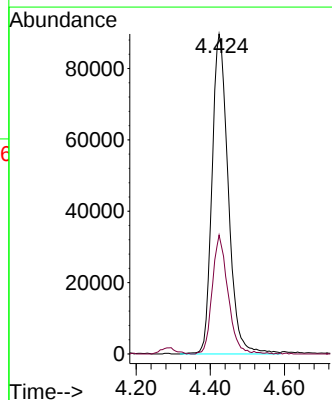
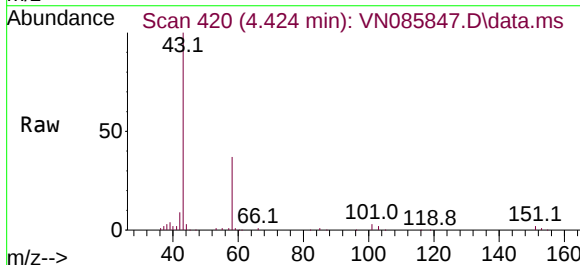
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

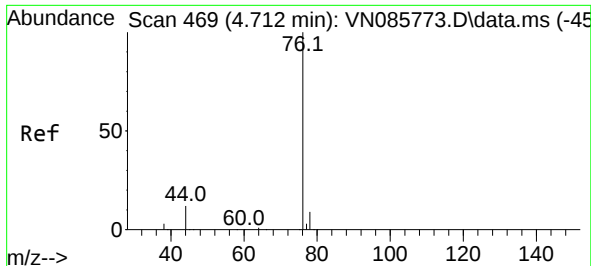
Tgt Ion: 53 Resp: 370582  
Ion Ratio Lower Upper  
53 100  
52 82.0 65.8 98.6  
51 35.7 28.6 42.8



#16  
Acetone  
Concen: 252.915 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 43 Resp: 272575  
Ion Ratio Lower Upper  
43 100  
58 36.8 27.5 41.3

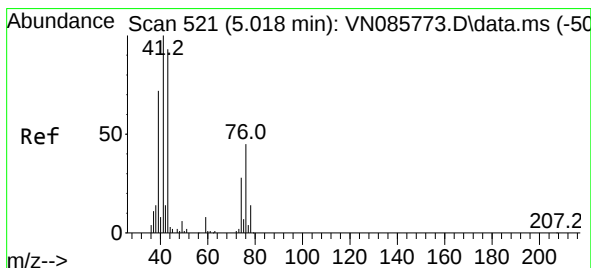
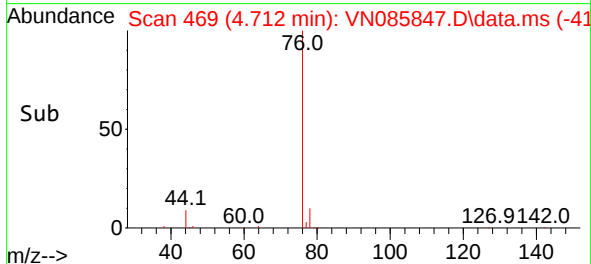
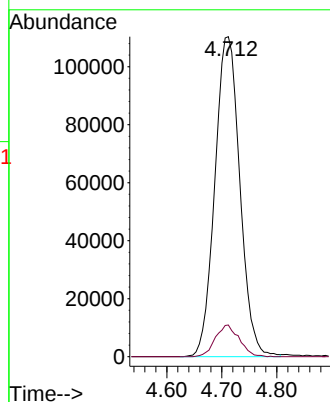
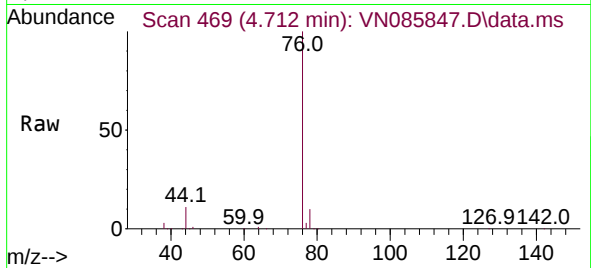




#17  
Carbon Disulfide  
Concen: 40.834 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

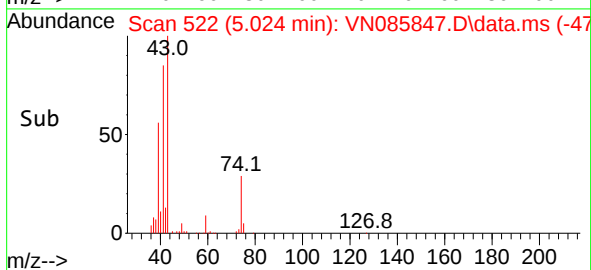
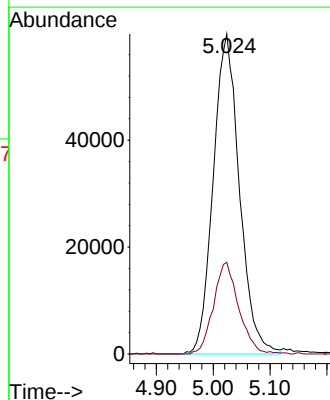
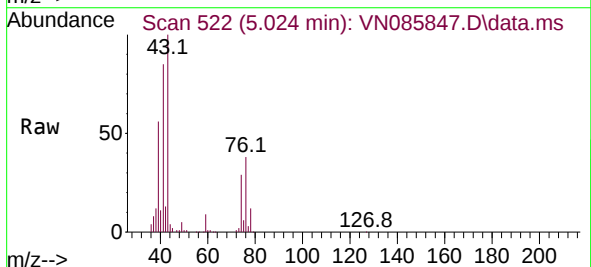
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

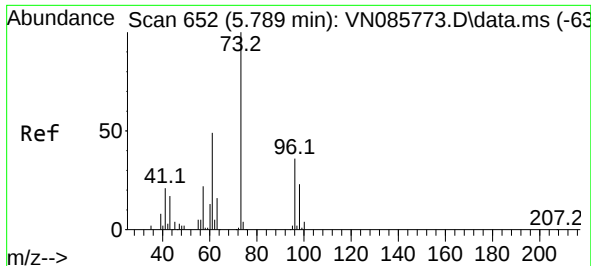
Tgt Ion: 76 Resp: 348669  
Ion Ratio Lower Upper  
76 100  
78 9.9 7.4 11.0



#18  
Methyl Acetate  
Concen: 51.685 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 43 Resp: 191592  
Ion Ratio Lower Upper  
43 100  
74 27.7 22.2 33.4

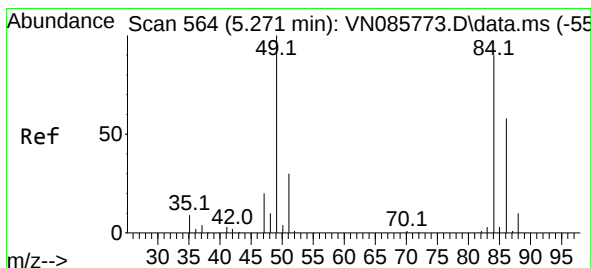
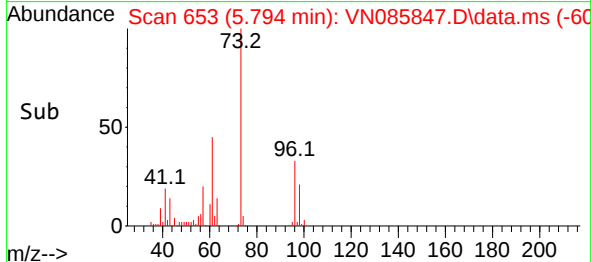
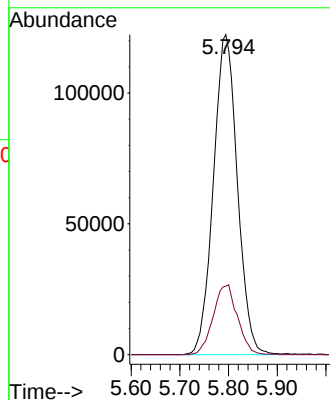
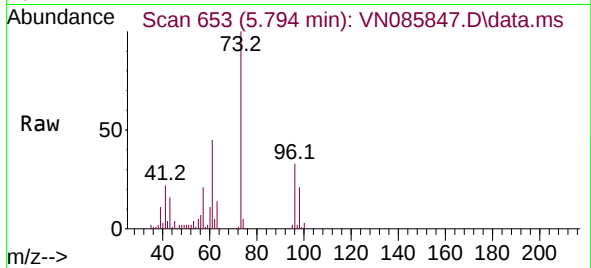




#19  
Methyl tert-butyl Ether  
Concen: 48.897 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

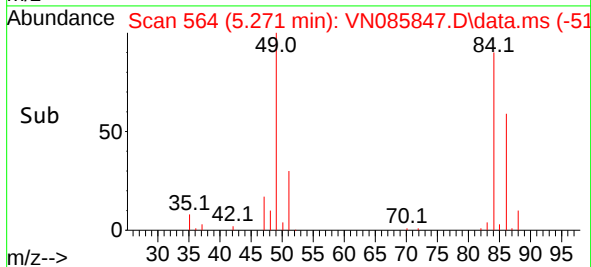
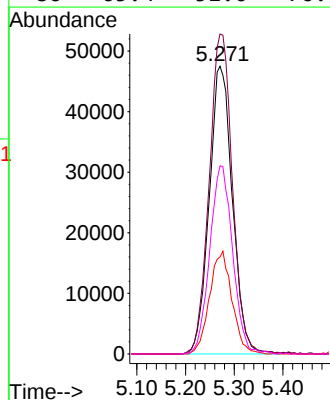
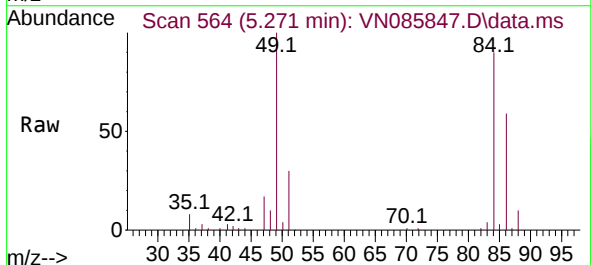
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

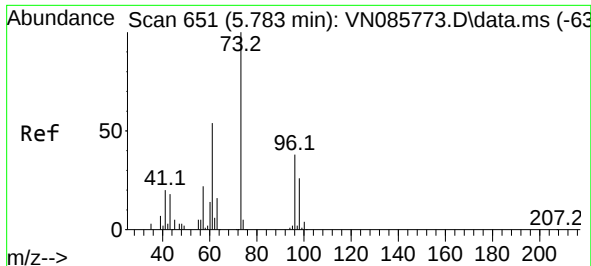
Tgt Ion: 73 Resp: 418621  
Ion Ratio Lower Upper  
73 100  
57 21.4 17.6 26.4



#20  
Methylene Chloride  
Concen: 45.376 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 84 Resp: 157268  
Ion Ratio Lower Upper  
84 100  
49 111.2 88.4 132.6  
51 33.7 26.6 40.0  
86 65.4 51.0 76.6

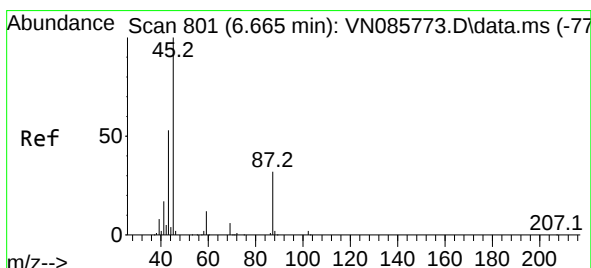
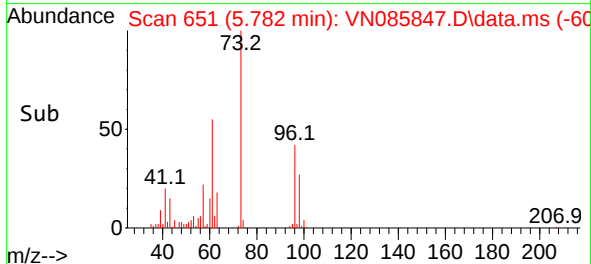
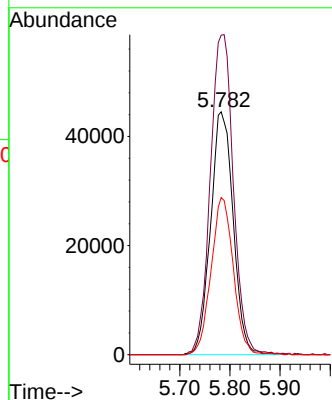
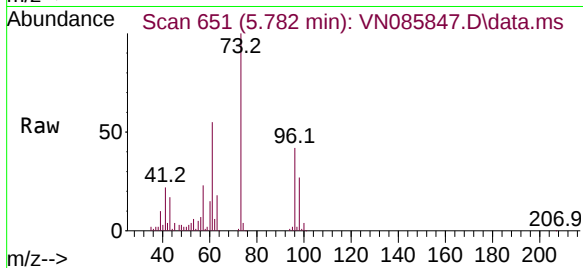




#21  
trans-1,2-Dichloroethene  
Concen: 45.017 ug/l  
RT: 5.782 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

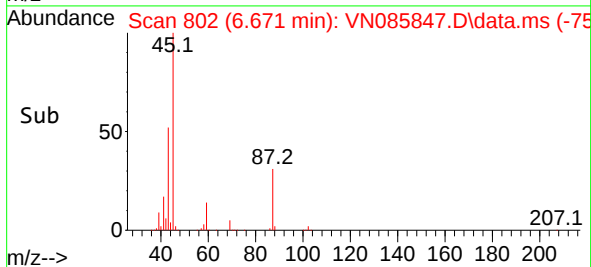
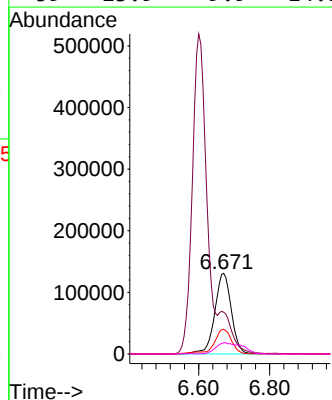
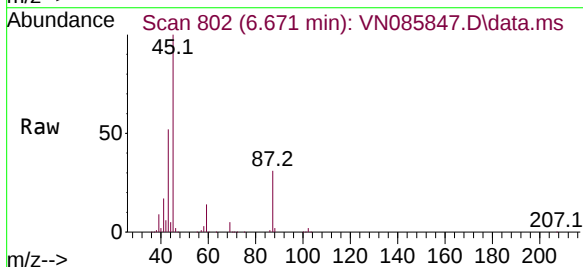
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

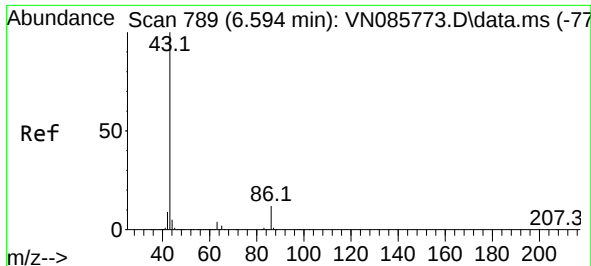
Tgt Ion: 96 Resp: 139654  
Ion Ratio Lower Upper  
96 100  
61 131.6 112.6 168.8  
98 64.7 53.3 79.9



#22  
Diisopropyl ether  
Concen: 49.672 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 45 Resp: 424561  
Ion Ratio Lower Upper  
45 100  
43 51.2 42.6 64.0  
87 30.7 25.8 38.8  
59 13.9 9.9 14.9

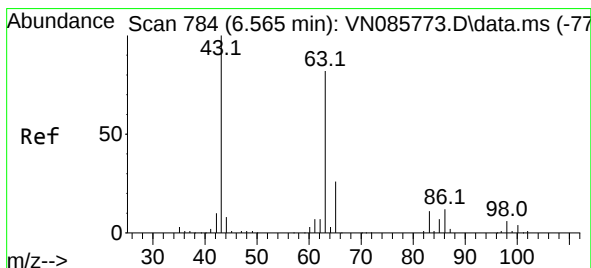
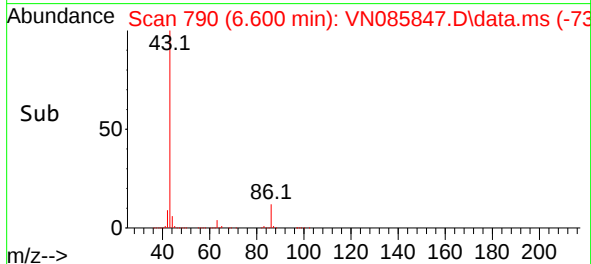
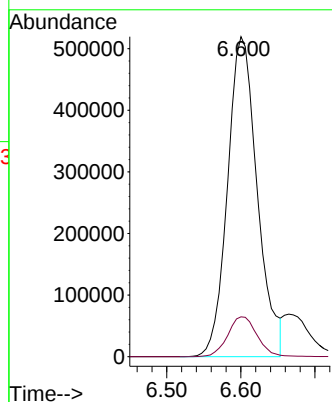
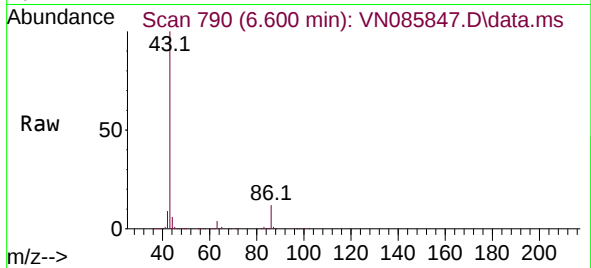




#23  
 Vinyl Acetate  
 Concen: 247.515 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.006 min  
 Lab File: VN085847.D  
 Acq: 25 Feb 2025 10:45

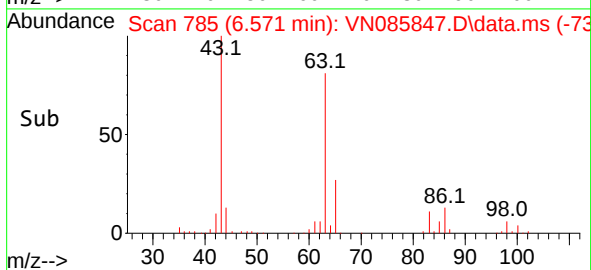
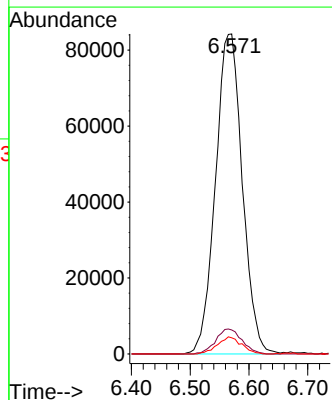
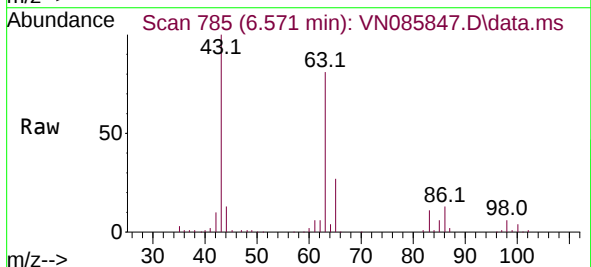
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

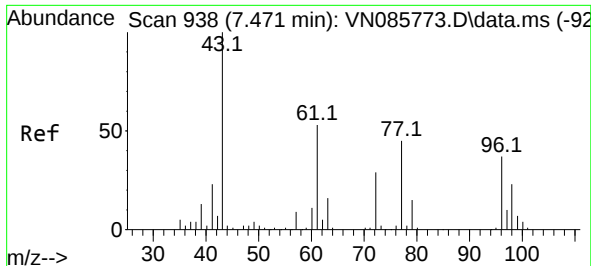
Tgt Ion: 43 Resp: 1448528  
 Ion Ratio Lower Upper  
 43 100  
 86 12.5 9.8 14.8



#24  
 1,1-Dichloroethane  
 Concen: 46.014 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.006 min  
 Lab File: VN085847.D  
 Acq: 25 Feb 2025 10:45

Tgt Ion: 63 Resp: 267355  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.5 10.4  
 100 5.1 2.4 7.2

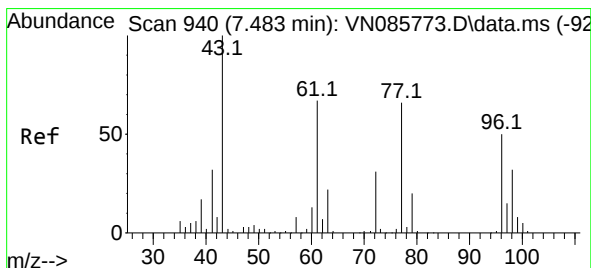
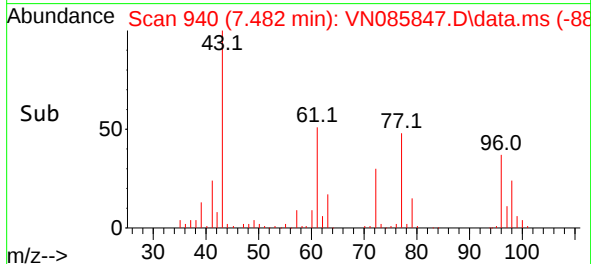
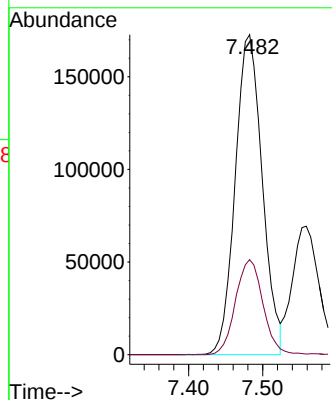
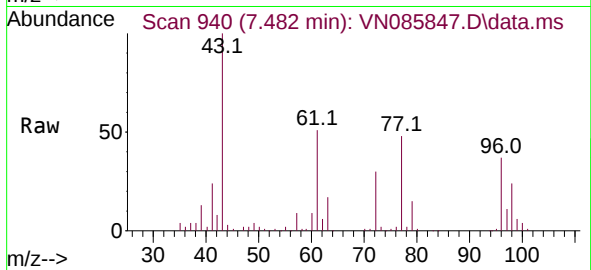




#25  
2-Butanone  
Concen: 276.257 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. 0.012 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

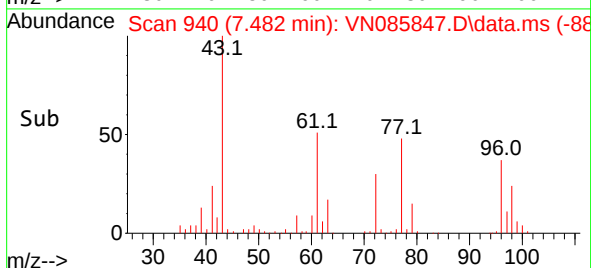
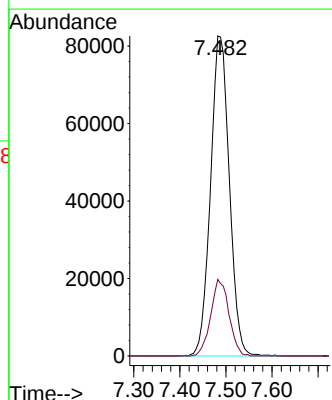
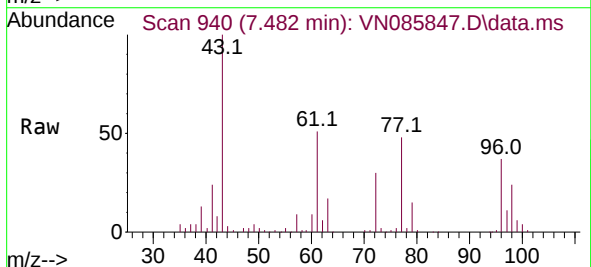
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

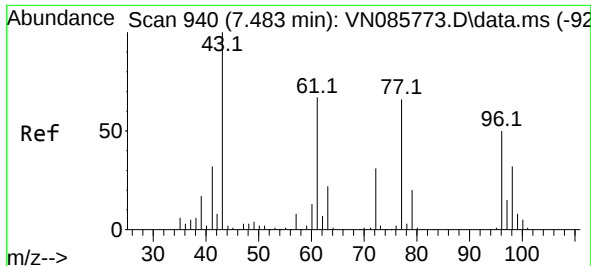
Tgt Ion: 43 Resp: 438019  
Ion Ratio Lower Upper  
43 100  
72 29.7 23.6 35.4



#26  
2,2-Dichloropropane  
Concen: 45.323 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 77 Resp: 234167  
Ion Ratio Lower Upper  
77 100  
97 23.2 11.3 33.8

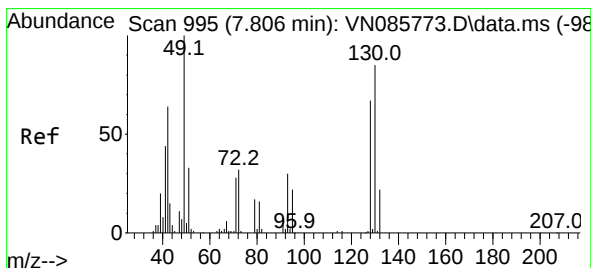
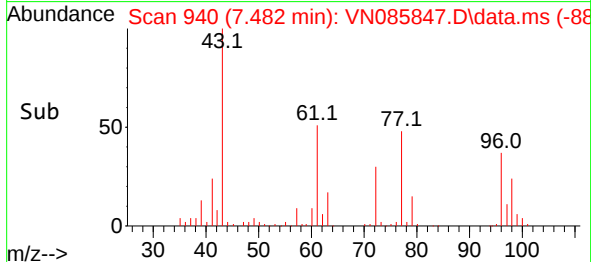
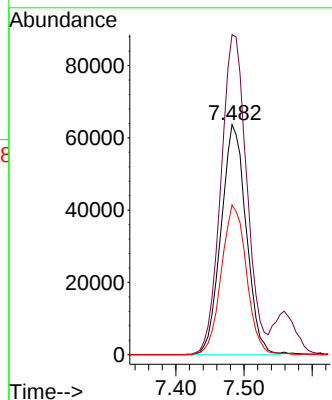
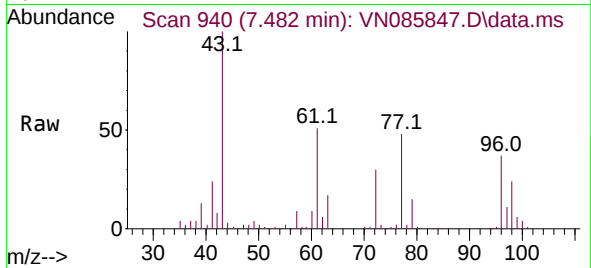




#27  
 cis-1,2-Dichloroethene  
 Concen: 45.379 ug/l  
 RT: 7.482 min Scan# 940  
 Delta R.T. -0.000 min  
 Lab File: VN085847.D  
 Acq: 25 Feb 2025 10:45

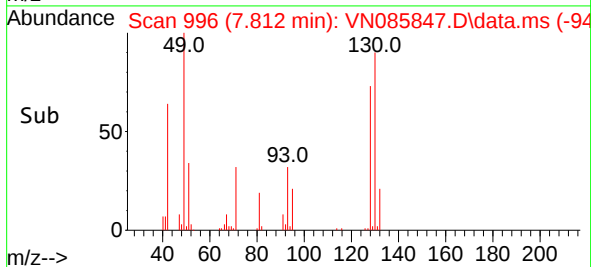
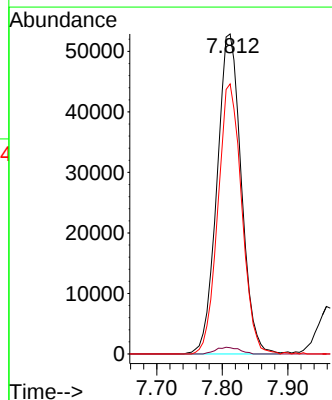
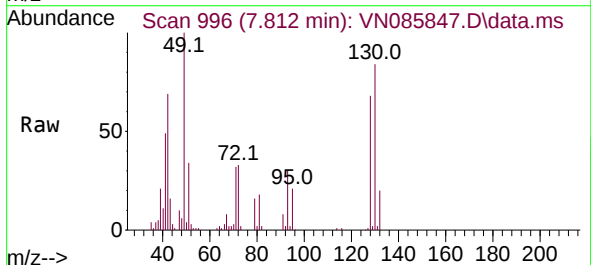
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

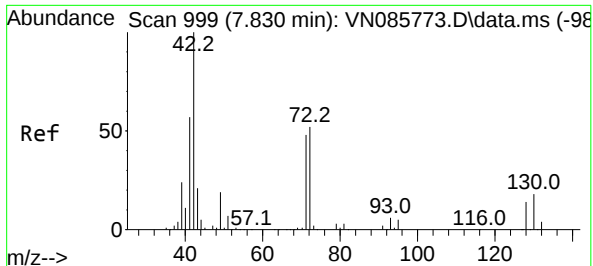
Tgt Ion: 96 Resp: 163230  
 Ion Ratio Lower Upper  
 96 100  
 61 143.8 0.0 280.6  
 98 65.3 0.0 128.6



#28  
 Bromochloromethane  
 Concen: 57.024 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.006 min  
 Lab File: VN085847.D  
 Acq: 25 Feb 2025 10:45

Tgt Ion: 49 Resp: 136179  
 Ion Ratio Lower Upper  
 49 100  
 129 2.0 0.0 3.8  
 130 82.4 68.0 102.0





#29

Tetrahydrofuran

Concen: 296.115 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085847.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

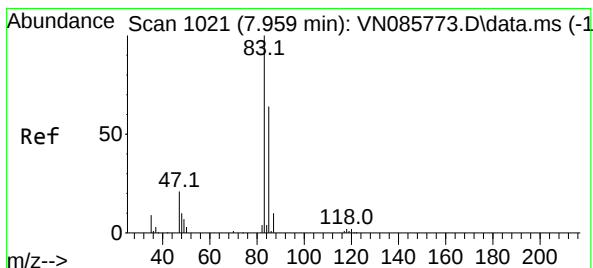
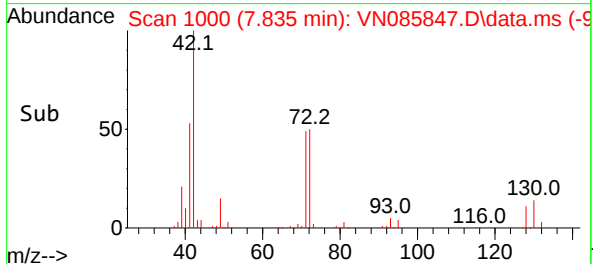
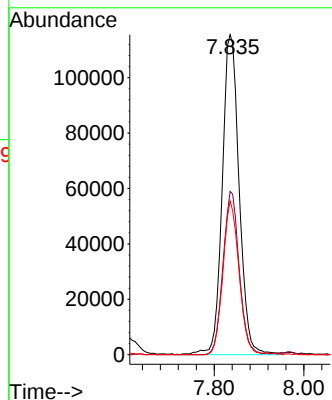
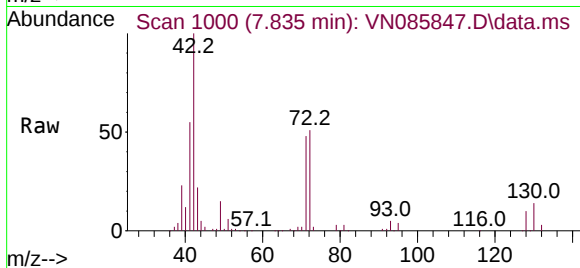
Tgt Ion: 42 Resp: 303180

Ion Ratio Lower Upper

42 100

72 48.9 40.0 60.0

71 45.8 37.0 55.4



#30

Chloroform

Concen: 46.950 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085847.D

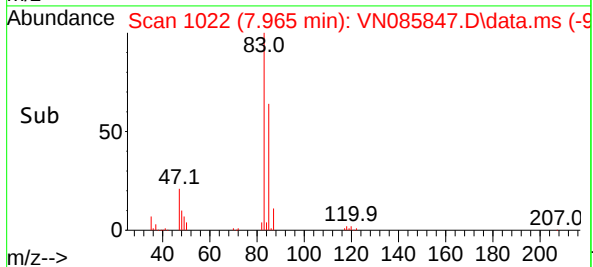
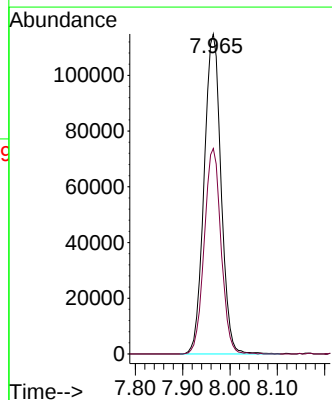
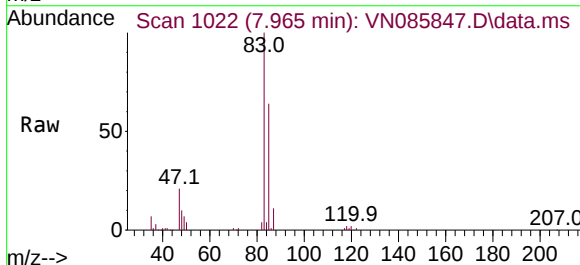
Acq: 25 Feb 2025 10:45

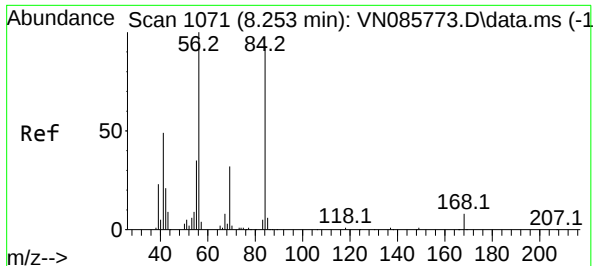
Tgt Ion: 83 Resp: 285082

Ion Ratio Lower Upper

83 100

85 64.2 50.9 76.3

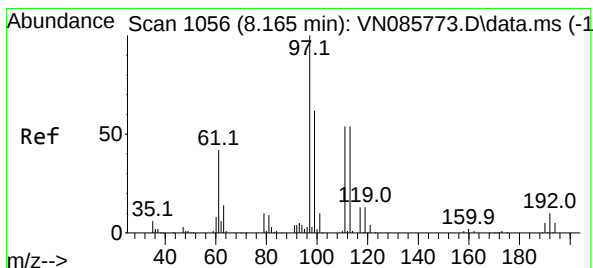
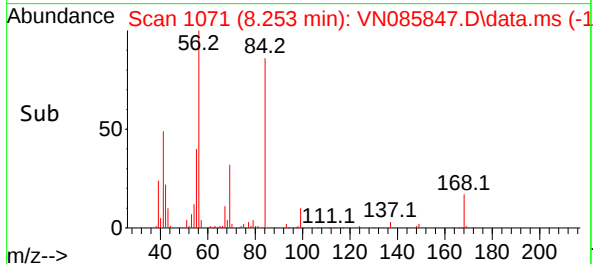
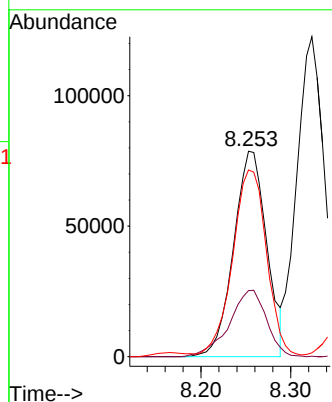
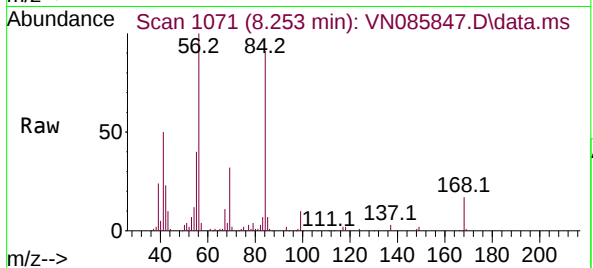




#31  
Cyclohexane  
Concen: 41.370 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

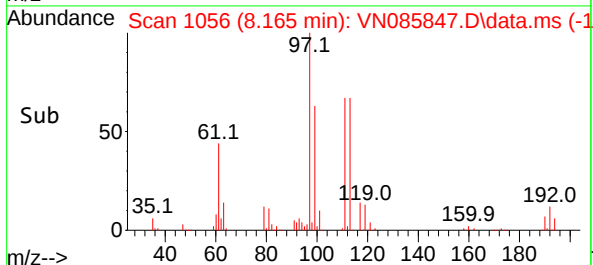
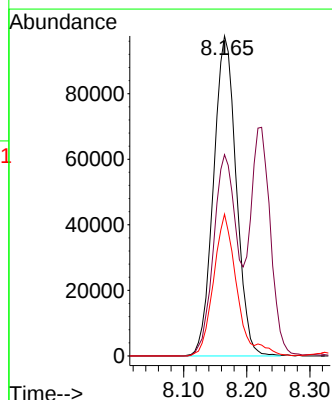
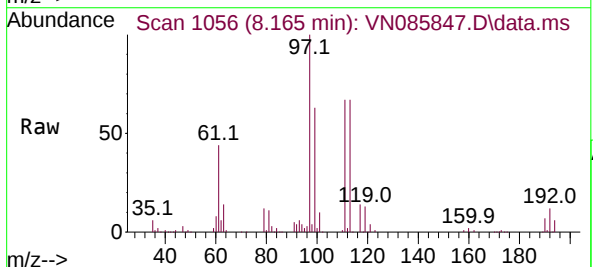
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

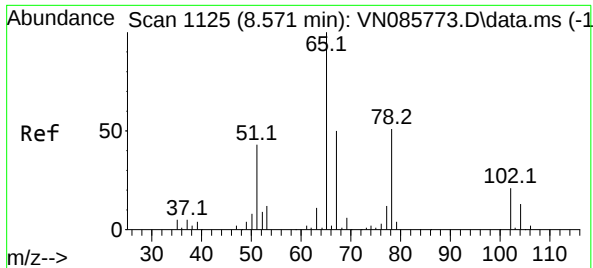
Tgt Ion: 56 Resp: 201261  
Ion Ratio Lower Upper  
56 100  
69 32.2 25.8 38.6  
84 89.3 74.5 111.7



#32  
1,1,1-Trichloroethane  
Concen: 45.182 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 97 Resp: 244012  
Ion Ratio Lower Upper  
97 100  
99 64.3 50.4 75.6  
61 45.4 35.5 53.3

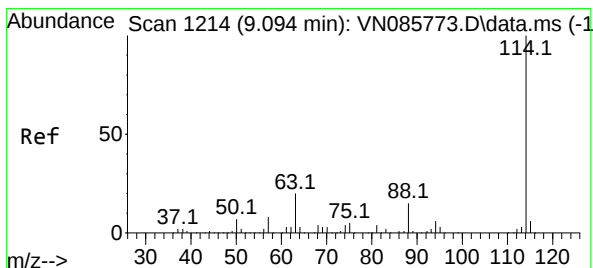
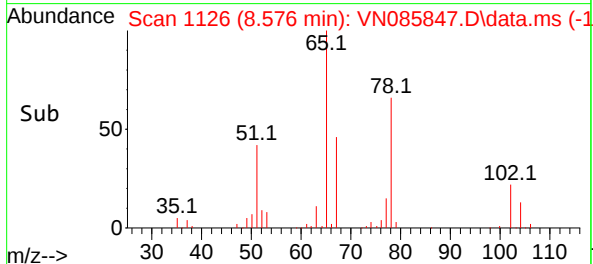
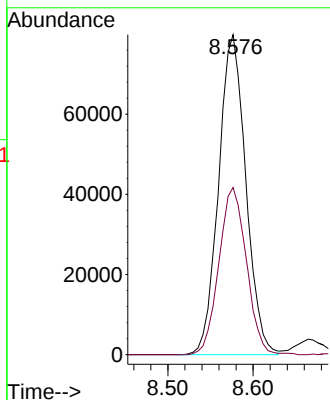
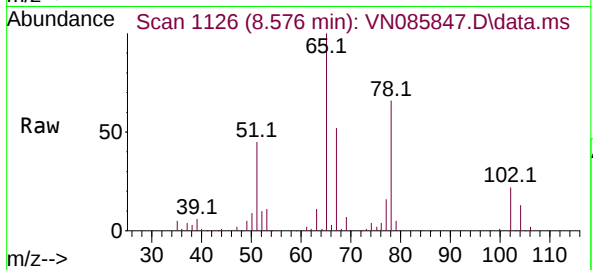




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.037 ug/l  
 RT: 8.576 min Scan# 1126  
 Delta R.T. 0.006 min  
 Lab File: VN085847.D  
 Acq: 25 Feb 2025 10:45

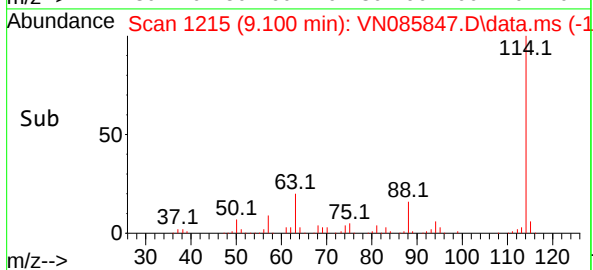
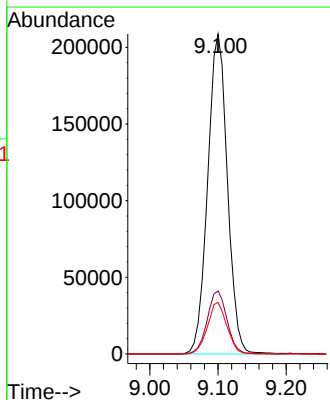
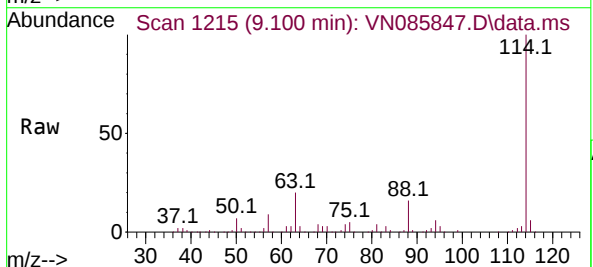
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

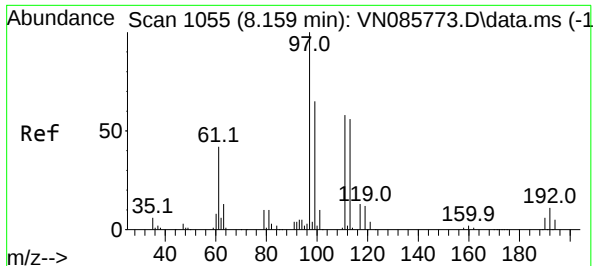
Tgt Ion: 65 Resp: 177239  
 Ion Ratio Lower Upper  
 65 100  
 67 52.8 0.0 106.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. 0.006 min  
 Lab File: VN085847.D  
 Acq: 25 Feb 2025 10:45

Tgt Ion: 114 Resp: 419879  
 Ion Ratio Lower Upper  
 114 100  
 63 19.7 0.0 39.2  
 88 16.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 56.192 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085847.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

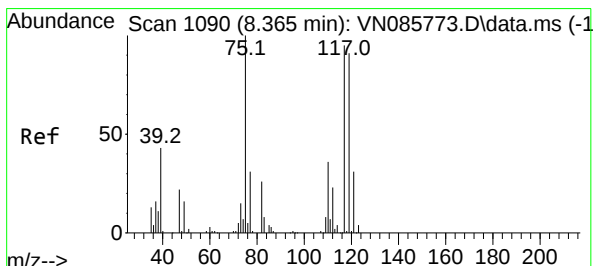
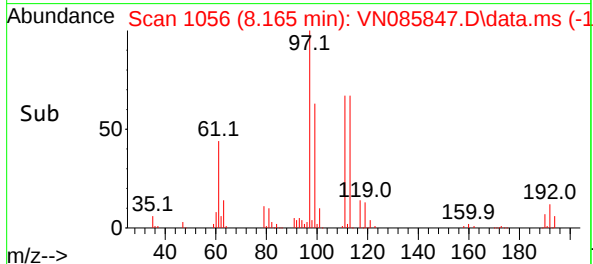
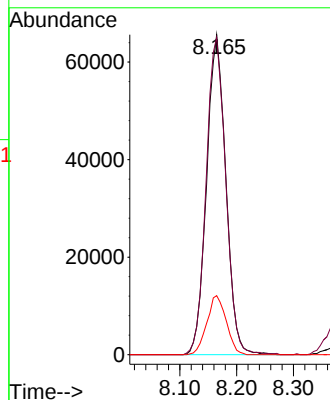
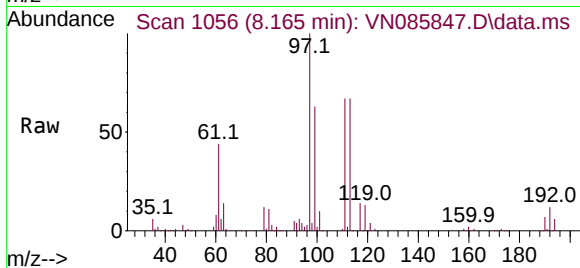
Tgt Ion:113 Resp: 154386

Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

192 18.6 14.7 22.1



#36

1,1-Dichloropropene

Concen: 47.971 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085847.D

Acq: 25 Feb 2025 10:45

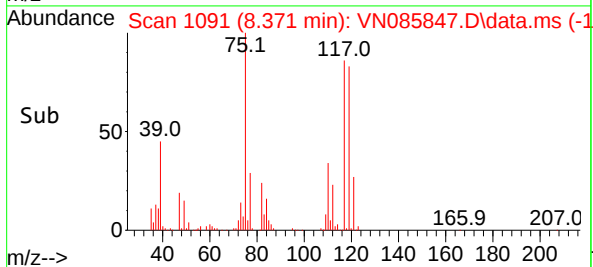
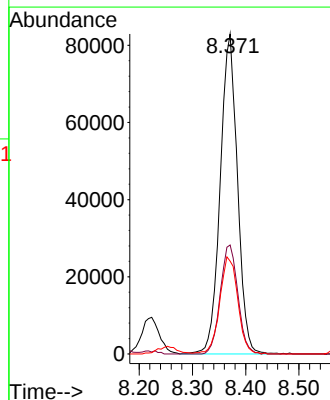
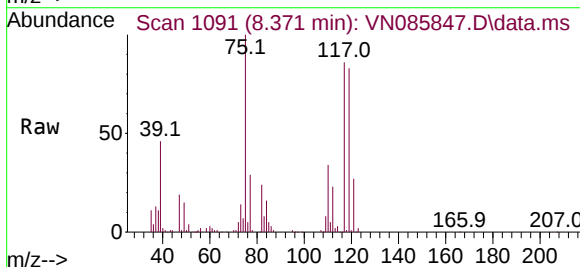
Tgt Ion: 75 Resp: 186531

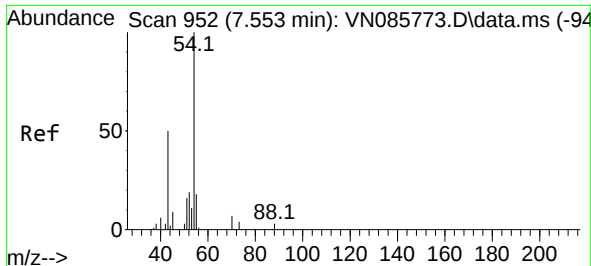
Ion Ratio Lower Upper

75 100

110 34.7 17.3 52.0

77 31.8 24.6 37.0





#37

Ethyl Acetate

Concen: 56.795 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085847.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

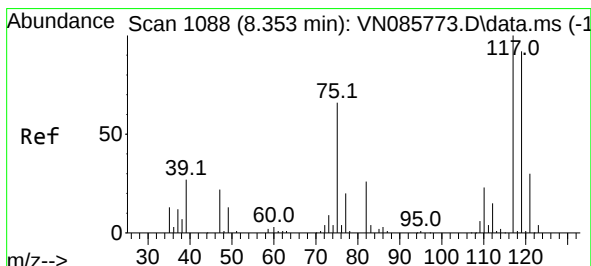
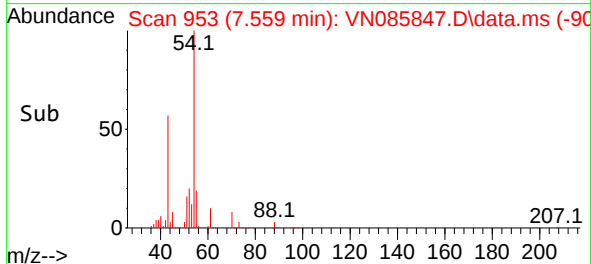
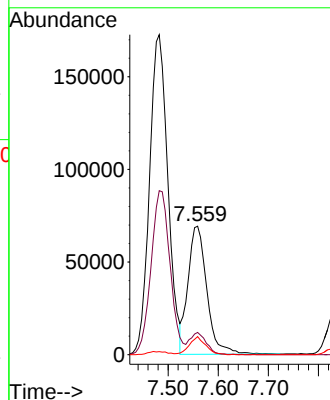
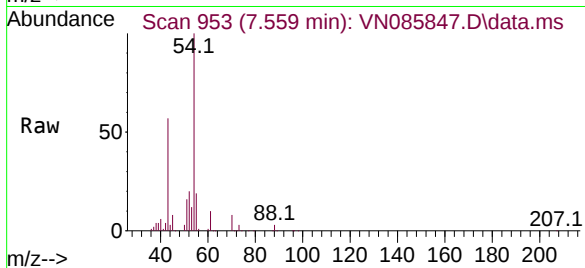
Tgt Ion: 43 Resp: 181740

Ion Ratio Lower Upper

43 100

61 14.9 12.2 18.2

70 12.1 9.5 14.3



#38

Carbon Tetrachloride

Concen: 47.719 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN085847.D

Acq: 25 Feb 2025 10:45

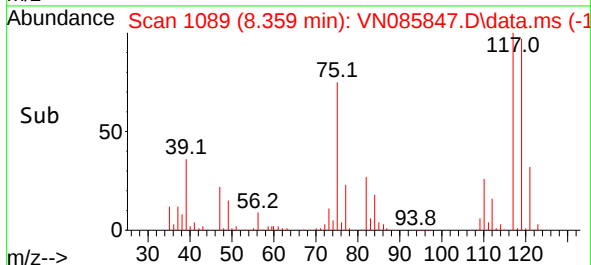
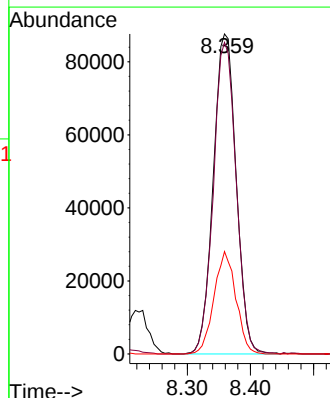
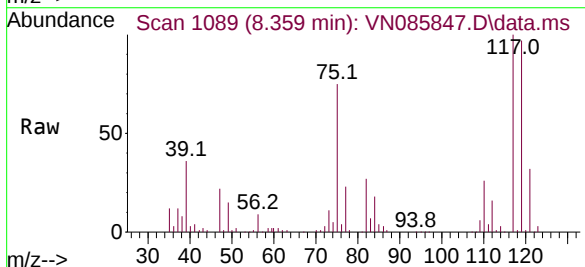
Tgt Ion: 117 Resp: 220471

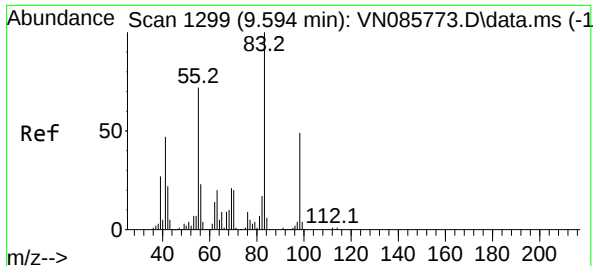
Ion Ratio Lower Upper

117 100

119 97.4 73.8 110.6

121 32.0 24.3 36.5





#39

Methylcyclohexane

Concen: 46.038 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085847.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

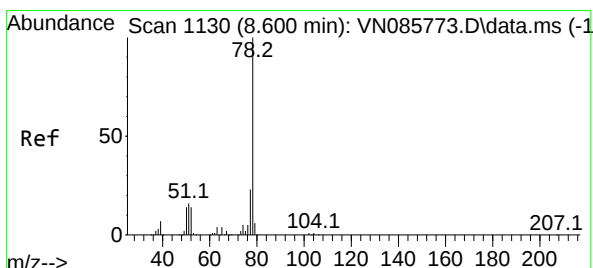
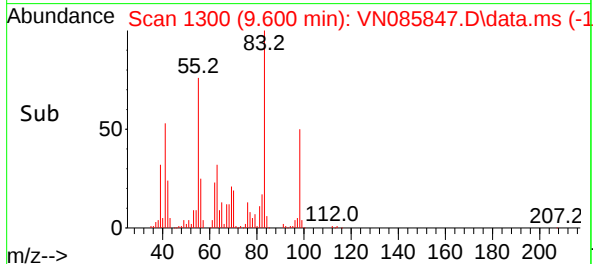
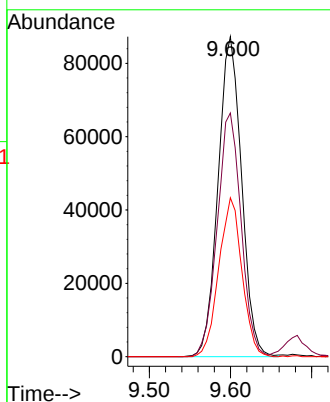
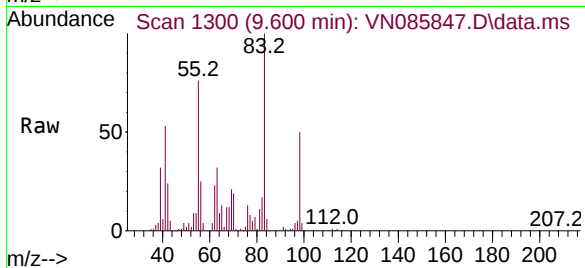
Tgt Ion: 83 Resp: 175866

Ion Ratio Lower Upper

83 100

55 76.1 57.5 86.3

98 49.6 39.2 58.8



#40

Benzene

Concen: 48.785 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085847.D

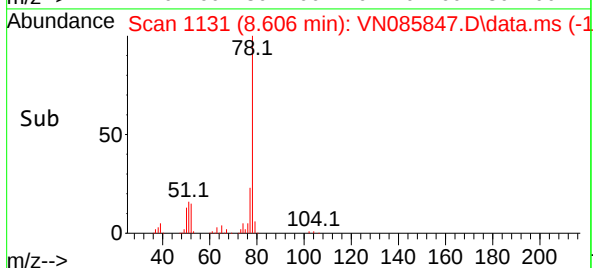
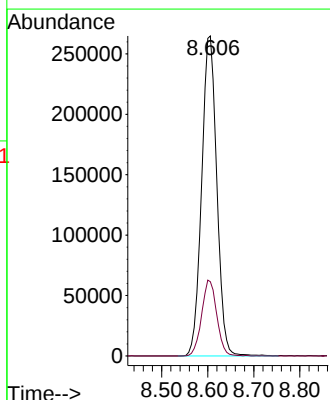
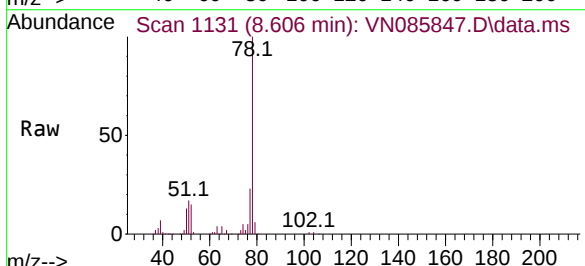
Acq: 25 Feb 2025 10:45

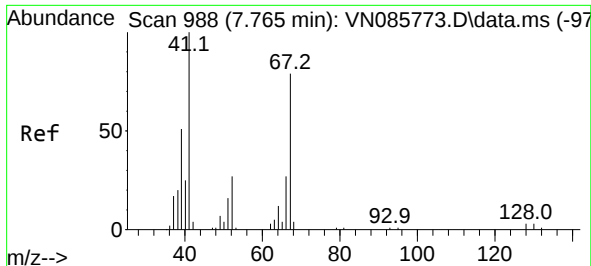
Tgt Ion: 78 Resp: 607989

Ion Ratio Lower Upper

78 100

77 23.2 18.3 27.5

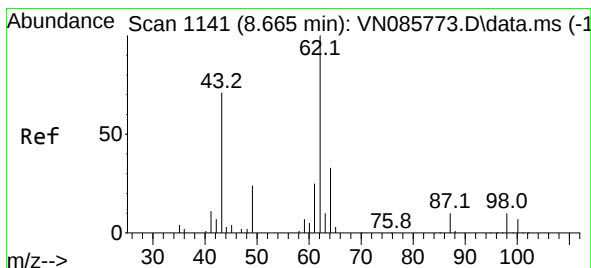
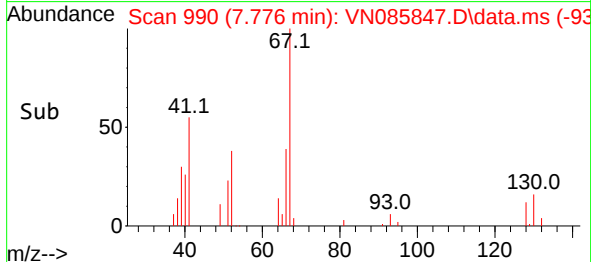
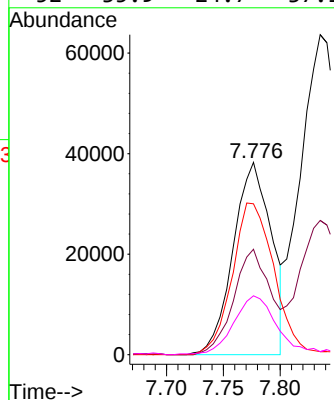
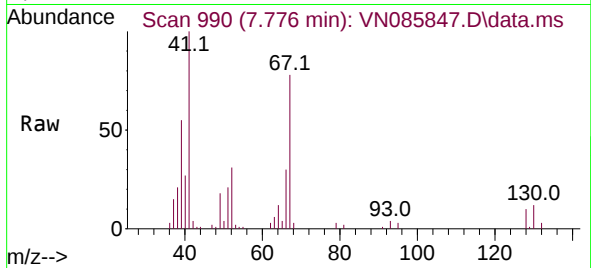




#41  
Methacrylonitrile  
Concen: 52.329 ug/l  
RT: 7.776 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

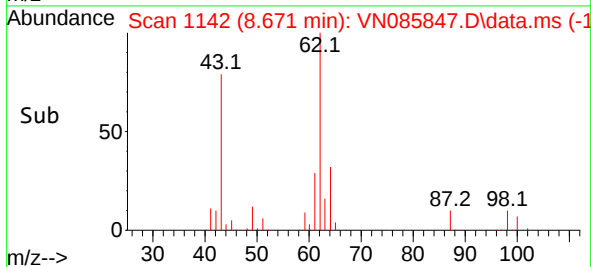
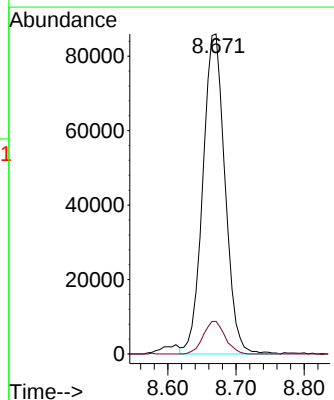
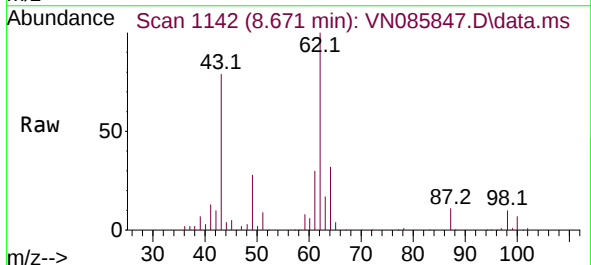
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

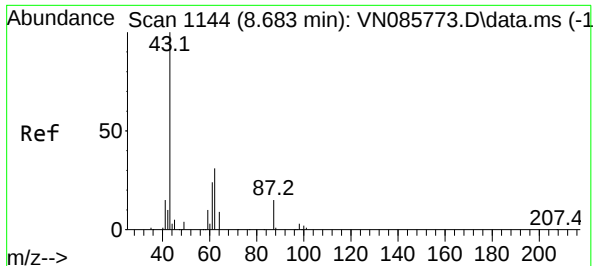
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 89515 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 52.7  | 42.0  | 63.0  |
| 67       | 87.0  | 64.2  | 96.4  |
| 52       | 35.9  | 24.7  | 37.1  |



#42  
1,2-Dichloroethane  
Concen: 47.920 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 194526 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.0  | 0.0   | 19.6   |





#43

Isopropyl Acetate

Concen: 50.276 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.005 min

Lab File: VN085847.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

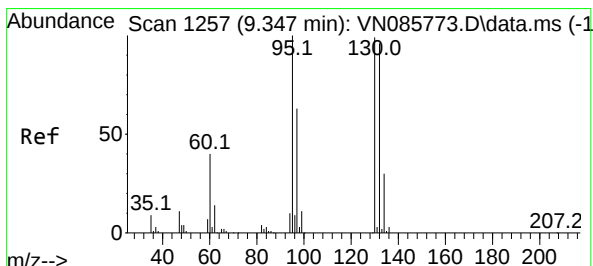
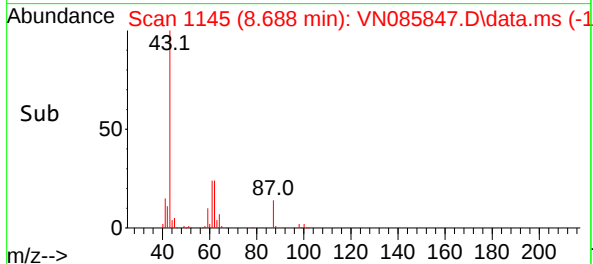
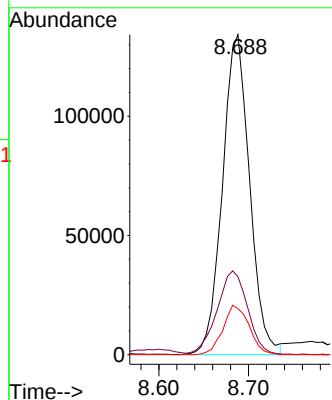
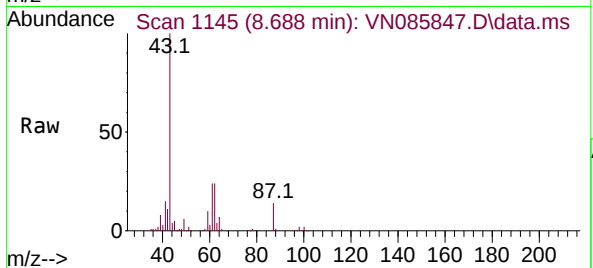
Tgt Ion: 43 Resp: 282324

Ion Ratio Lower Upper

43 100

61 29.6 22.6 34.0

87 14.9 11.8 17.8



#44

Trichloroethene

Concen: 44.799 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VN085847.D

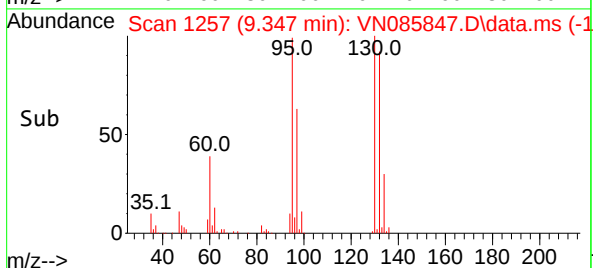
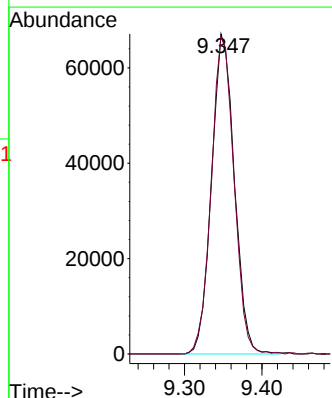
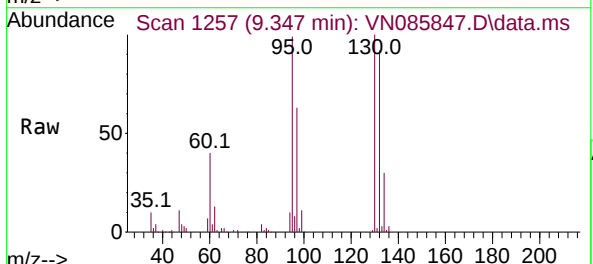
Acq: 25 Feb 2025 10:45

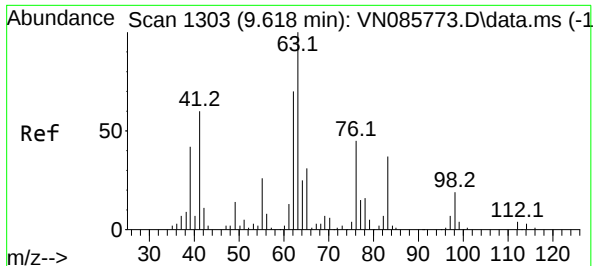
Tgt Ion:130 Resp: 137083

Ion Ratio Lower Upper

130 100

95 99.1 0.0 202.6





#45

1,2-Dichloropropane

Concen: 50.175 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085847.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA\_N

ClientSampleId :

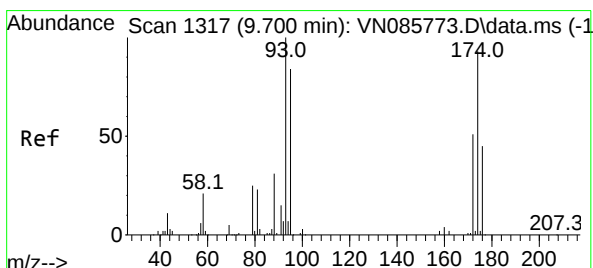
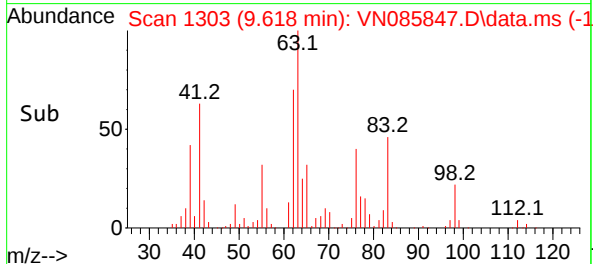
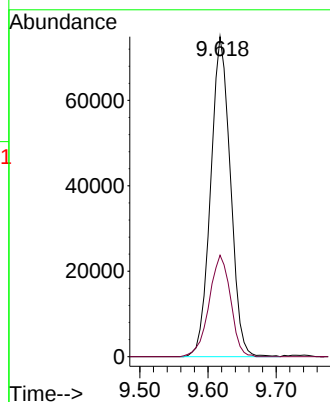
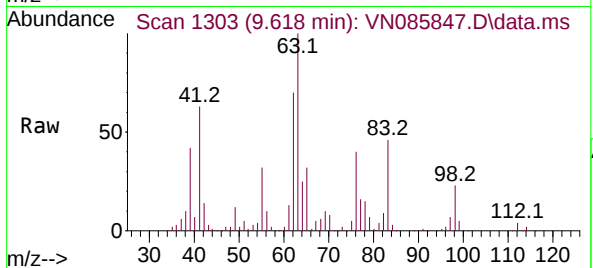
VSTDCCC050

Tgt Ion: 63 Resp: 150940

Ion Ratio Lower Upper

63 100

65 31.7 25.1 37.7



#46

Dibromomethane

Concen: 50.907 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085847.D

Acq: 25 Feb 2025 10:45

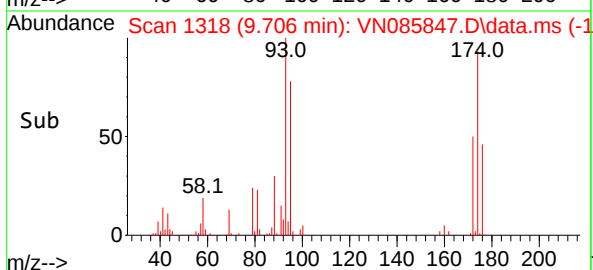
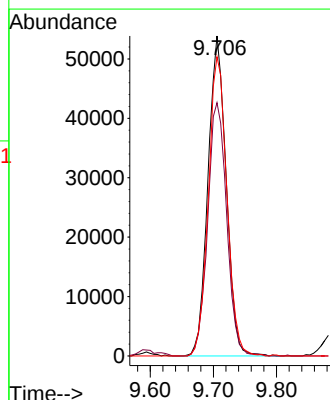
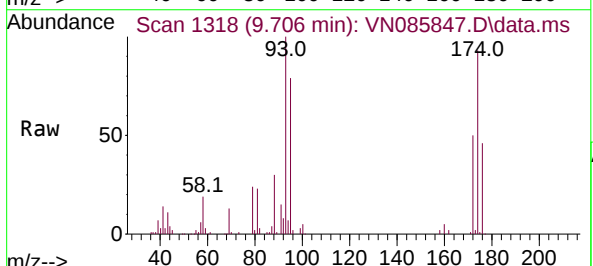
Tgt Ion: 93 Resp: 108020

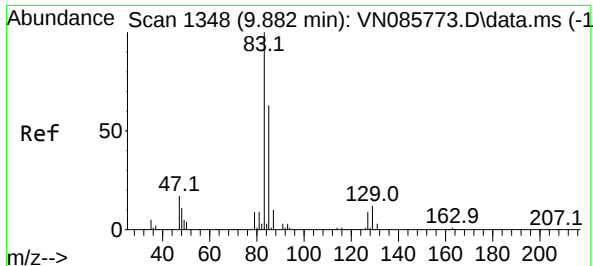
Ion Ratio Lower Upper

93 100

95 82.5 66.7 100.1

174 95.3 77.2 115.8

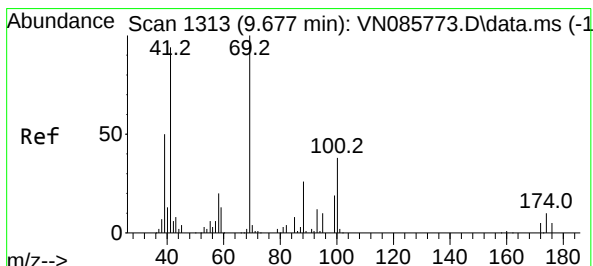
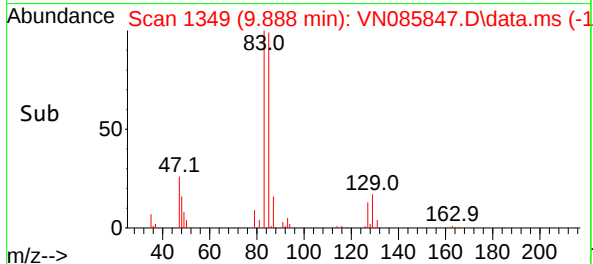
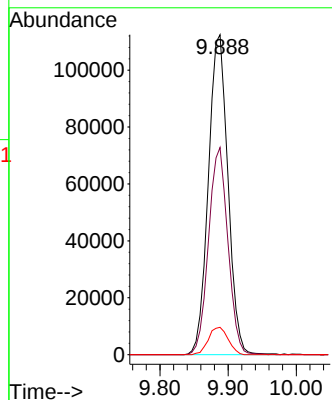
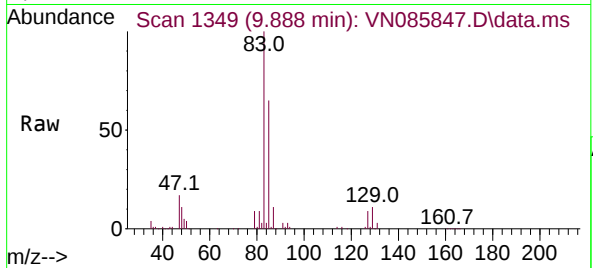




#47  
Bromodichloromethane  
Concen: 49.456 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

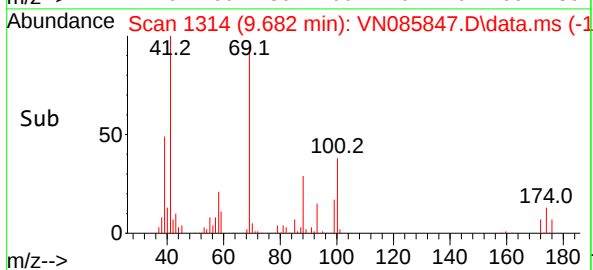
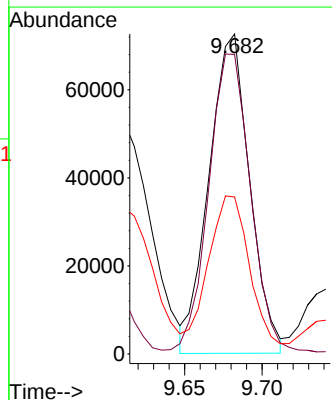
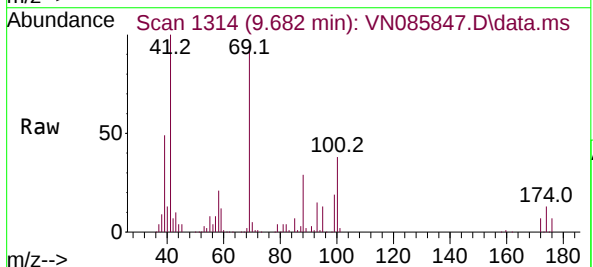
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

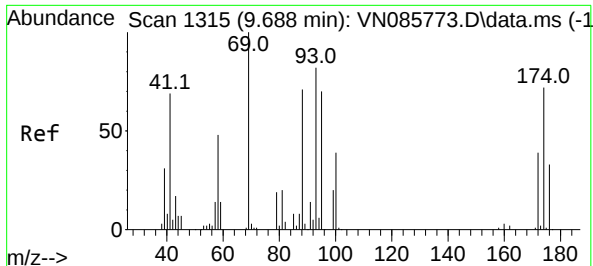
Tgt Ion: 83 Resp: 224517  
Ion Ratio Lower Upper  
83 100  
85 64.7 50.5 75.7  
127 8.6 7.2 10.8



#48  
Methyl methacrylate  
Concen: 55.716 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 41 Resp: 132409  
Ion Ratio Lower Upper  
41 100  
69 97.6 76.0 114.0  
39 51.2 42.3 63.5





#49

1,4-Dioxane

Concen: 1225.957 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085847.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

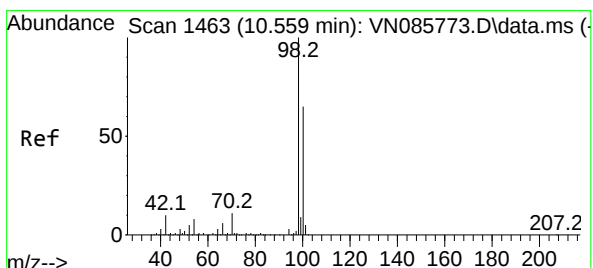
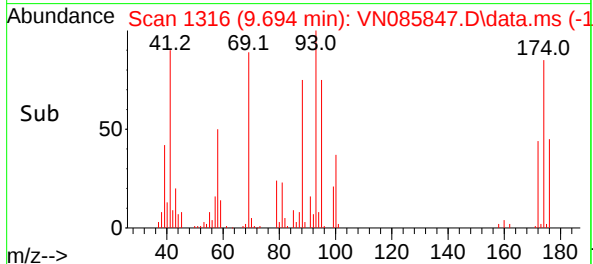
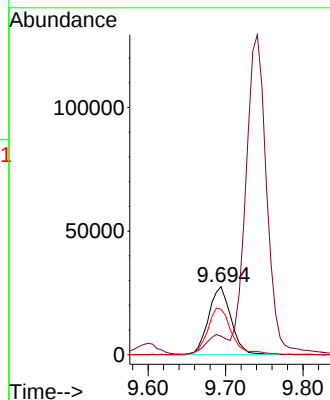
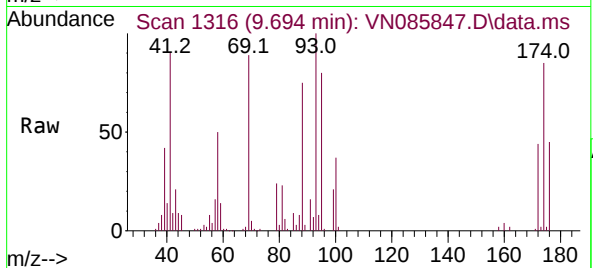
Tgt Ion: 88 Resp: 55403

Ion Ratio Lower Upper

88 100

43 28.3 18.6 27.8#

58 73.5 56.7 85.1



#50

Toluene-d8

Concen: 56.684 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085847.D

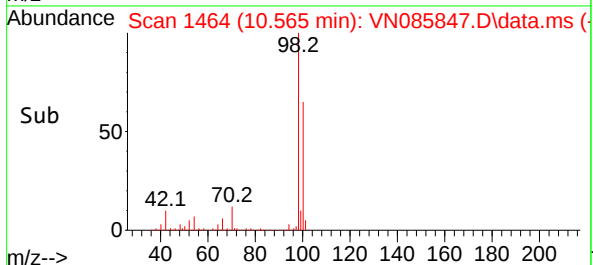
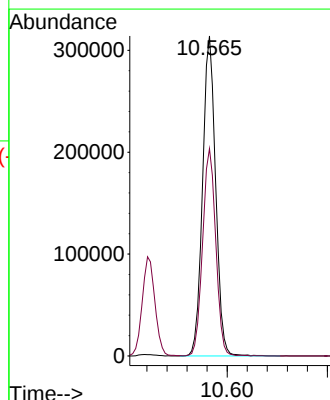
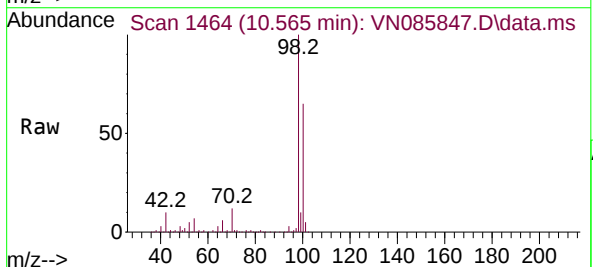
Acq: 25 Feb 2025 10:45

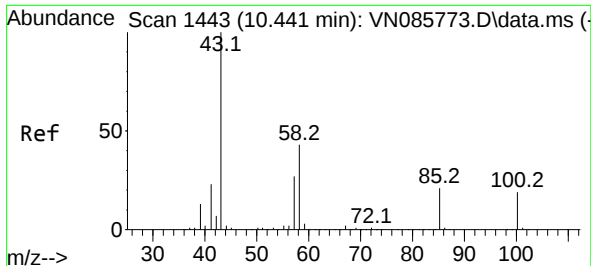
Tgt Ion: 98 Resp: 566626

Ion Ratio Lower Upper

98 100

100 65.4 52.1 78.1

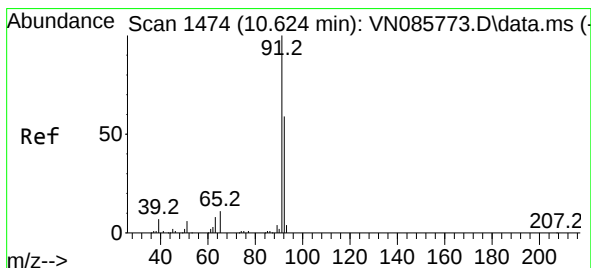
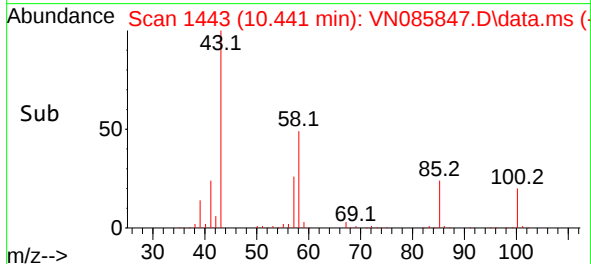
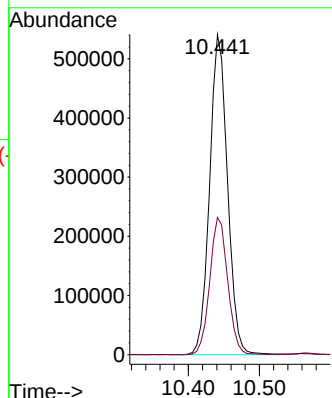
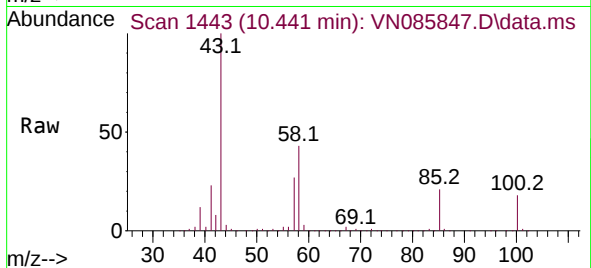




#51  
4-Methyl-2-Pentanone  
Concen: 306.170 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

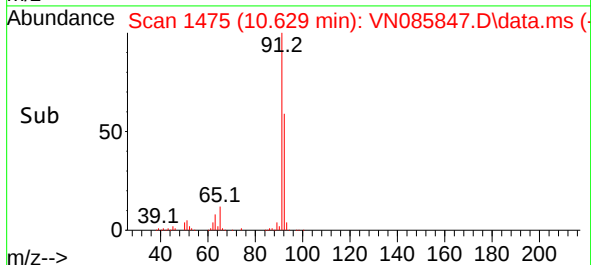
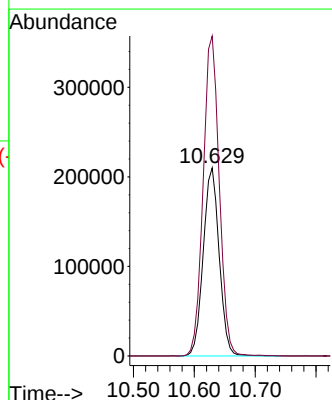
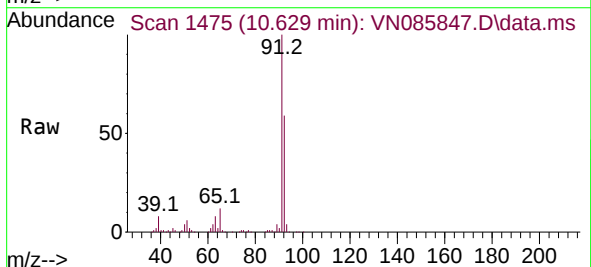
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

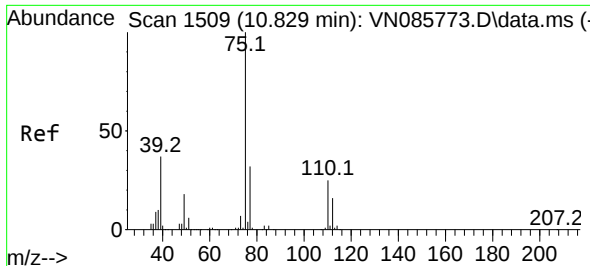
Tgt Ion: 43 Resp: 944594  
Ion Ratio Lower Upper  
43 100  
58 43.1 34.6 52.0



#52  
Toluene  
Concen: 52.126 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 92 Resp: 380805  
Ion Ratio Lower Upper  
92 100  
91 172.1 136.9 205.3

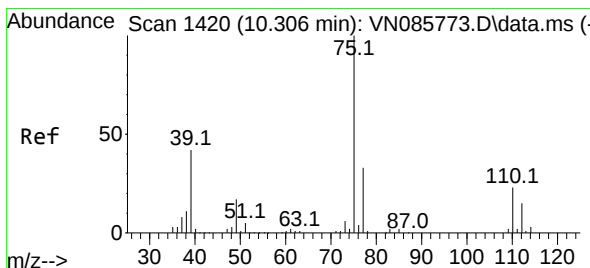
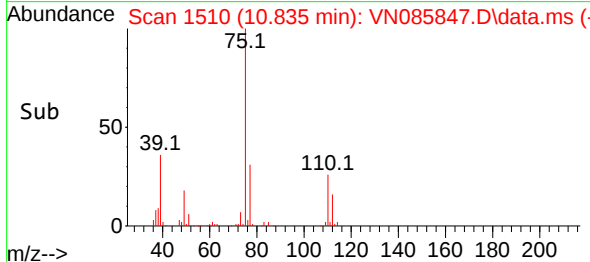
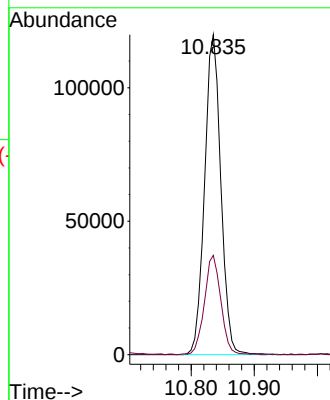
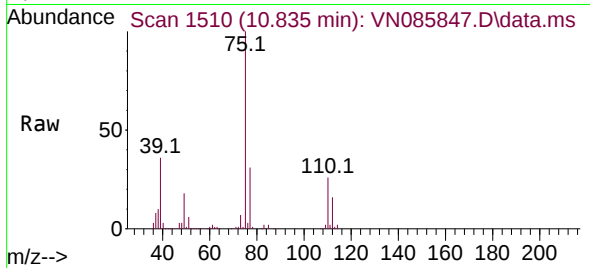




#53  
t-1,3-Dichloropropene  
Concen: 51.116 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

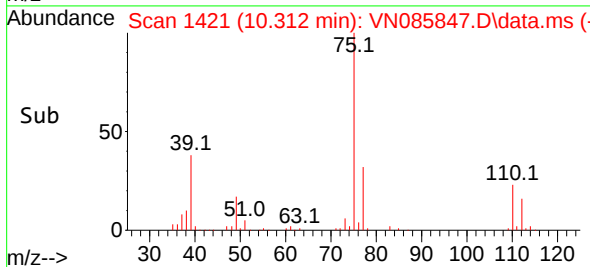
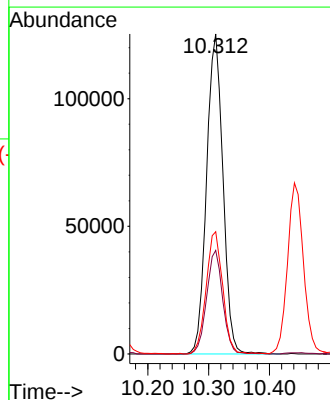
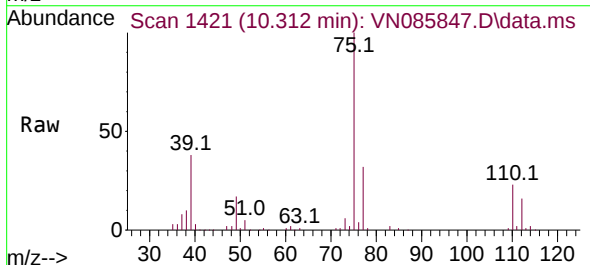
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

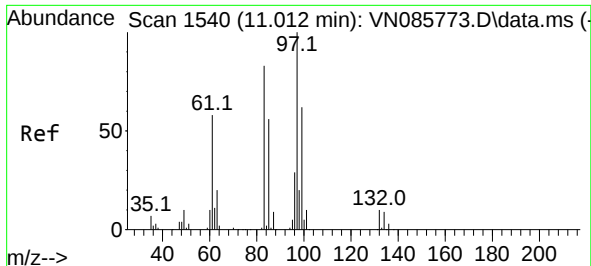
Tgt Ion: 75 Resp: 214580  
Ion Ratio Lower Upper  
75 100  
77 31.1 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 50.775 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 75 Resp: 233729  
Ion Ratio Lower Upper  
75 100  
77 32.3 26.1 39.1  
39 38.0 33.4 50.0

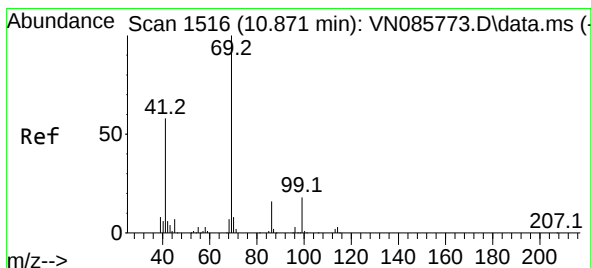
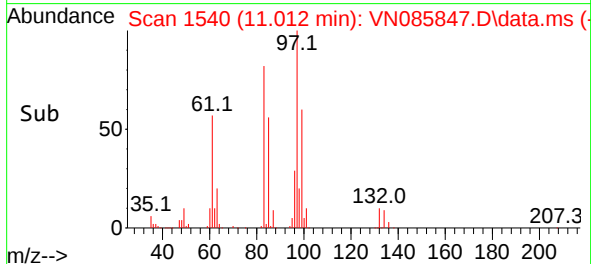
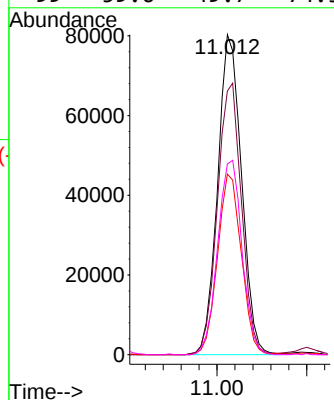
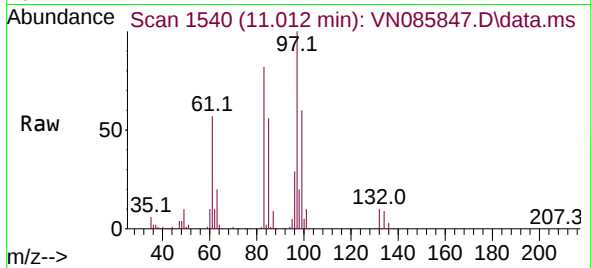




#55  
1,1,2-Trichloroethane  
Concen: 51.165 ug/l  
RT: 11.012 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

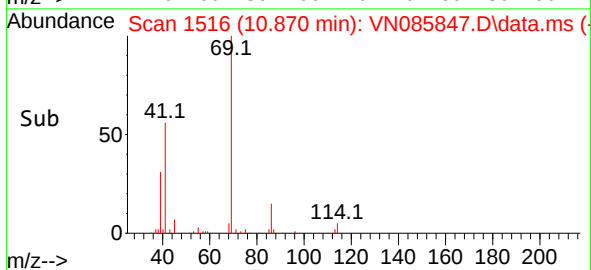
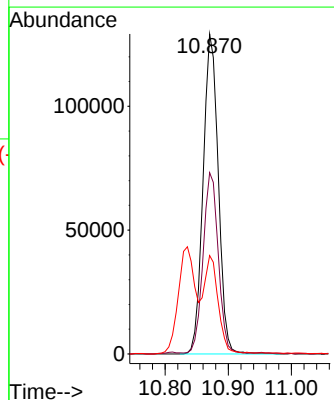
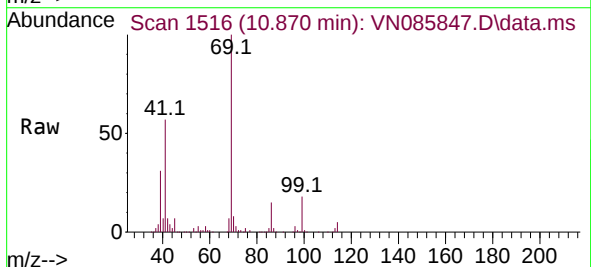
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

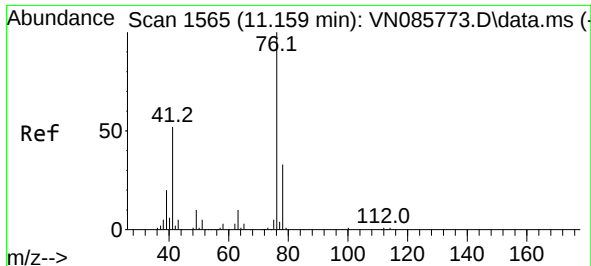
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 148614 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 82.4  | 66.1  | 99.1   |
| 85       | 56.5  | 44.7  | 67.1   |
| 99       | 59.6  | 49.7  | 74.5   |



#56  
Ethyl methacrylate  
Concen: 51.398 ug/l  
RT: 10.870 min Scan# 1516  
Delta R.T. -0.001 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 215393 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 56.3  | 46.0  | 69.0   |
| 39       | 29.0  | 22.0  | 33.0   |





#57

1,3-Dichloropropane

Concen: 51.877 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085847.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA\_N

ClientSampleId :

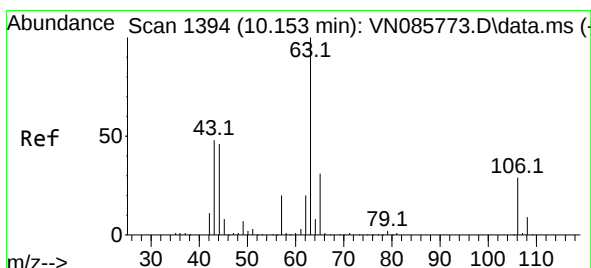
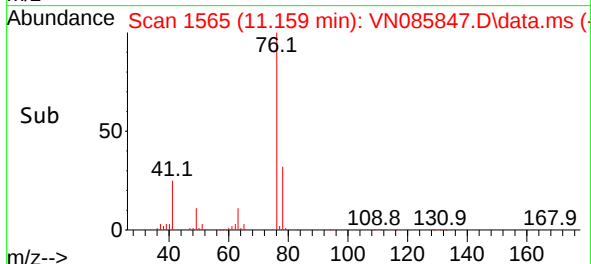
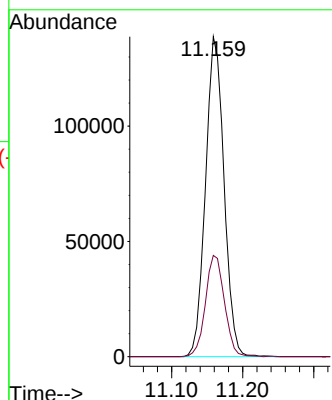
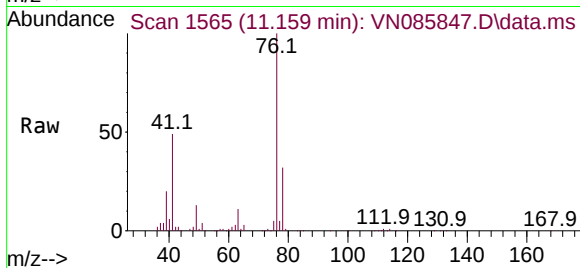
VSTDCCC050

Tgt Ion: 76 Resp: 251539

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 329.321 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VN085847.D

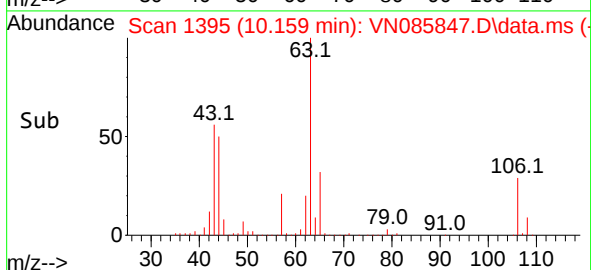
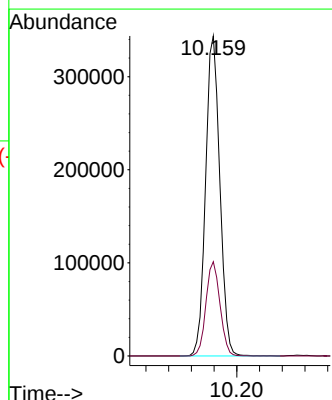
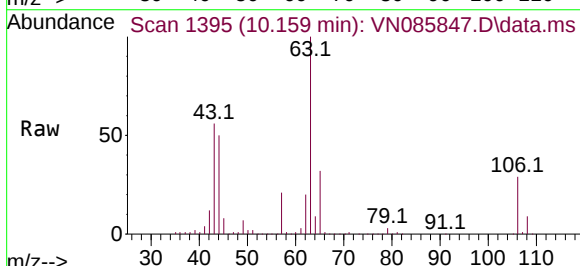
Acq: 25 Feb 2025 10:45

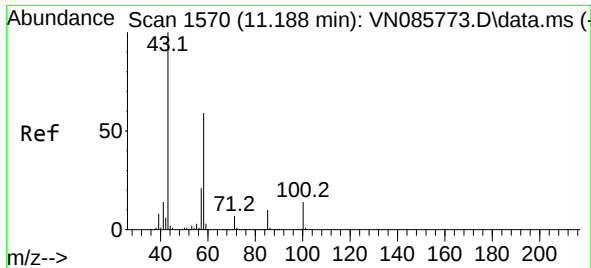
Tgt Ion: 63 Resp: 594458

Ion Ratio Lower Upper

63 100

106 29.1 22.7 34.1

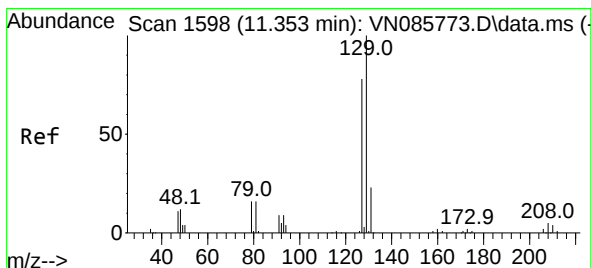
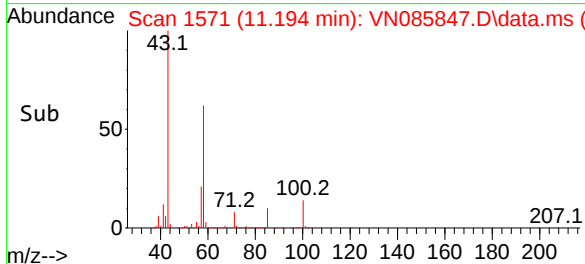
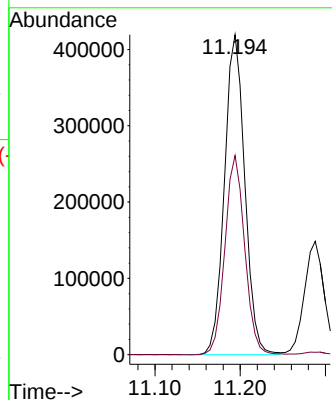
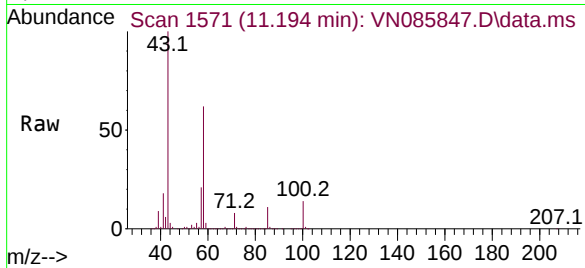




#59  
2-Hexanone  
Concen: 327.856 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

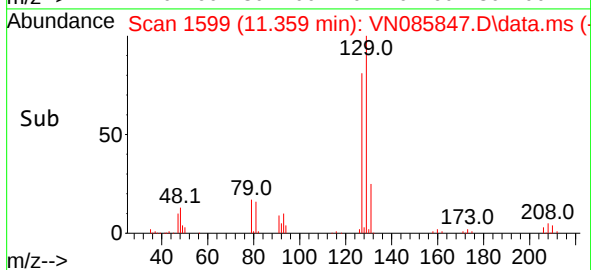
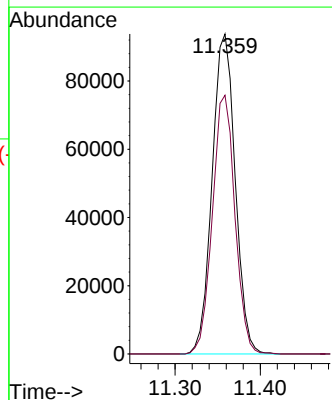
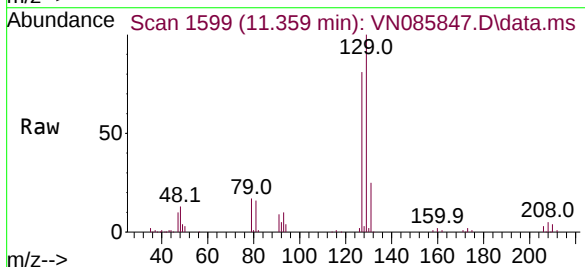
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

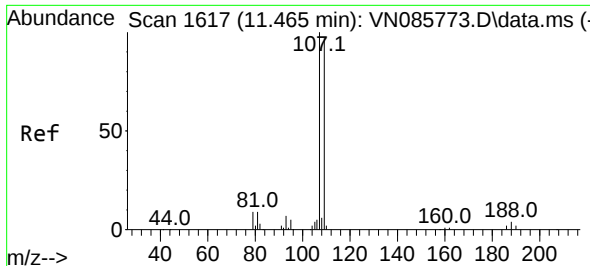
Tgt Ion: 43 Resp: 695855  
Ion Ratio Lower Upper  
43 100  
58 60.5 29.8 89.5



#60  
Dibromochloromethane  
Concen: 52.116 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion:129 Resp: 176267  
Ion Ratio Lower Upper  
129 100  
127 79.0 39.1 117.5

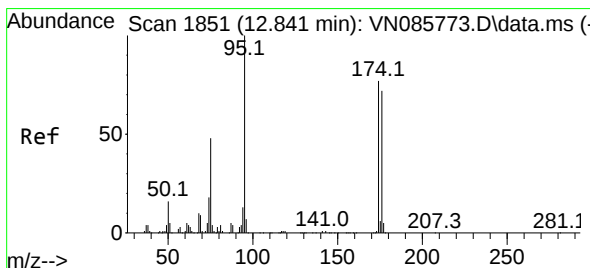
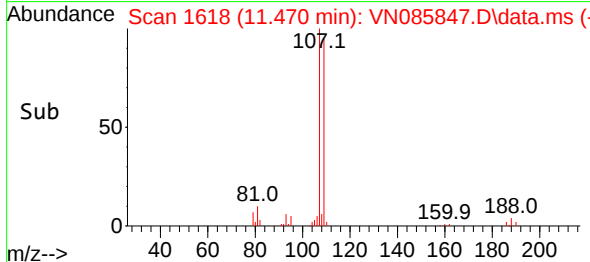
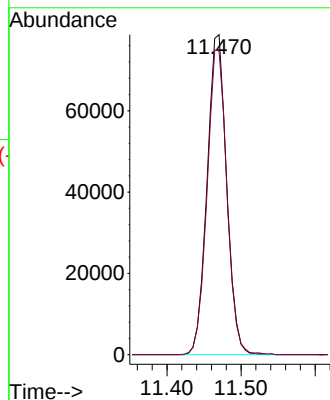
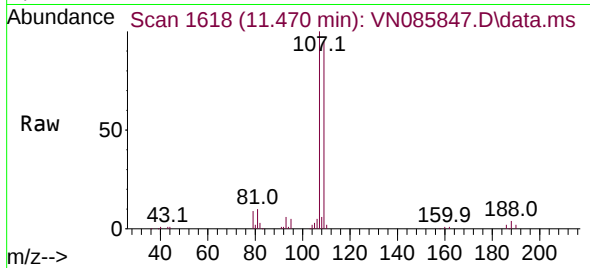




#61  
1,2-Dibromoethane  
Concen: 52.553 ug/l  
RT: 11.470 min Scan# 1618  
Delta R.T. 0.005 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

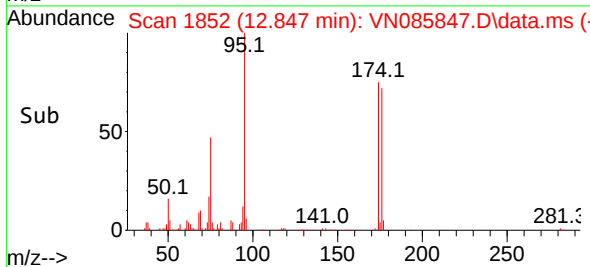
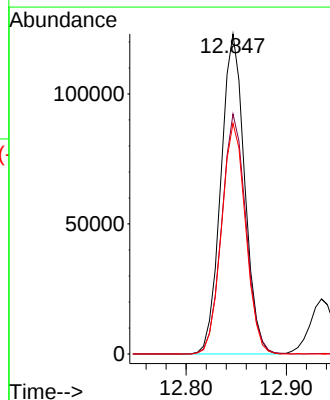
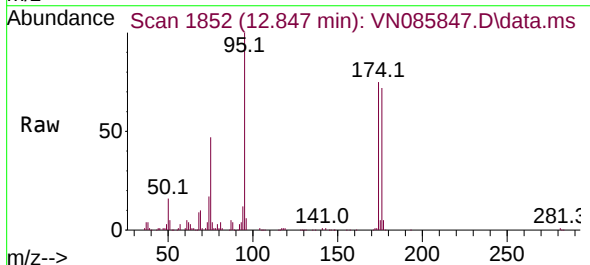
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

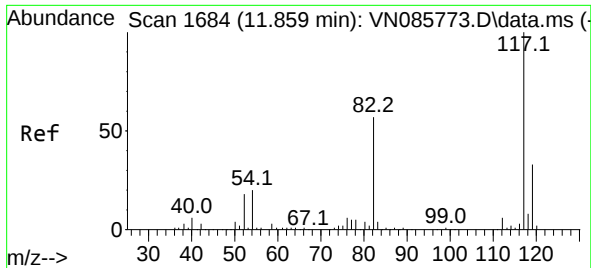
Tgt Ion:107 Resp: 144225  
Ion Ratio Lower Upper  
107 100  
109 96.5 76.0 114.0



#62  
4-Bromofluorobenzene  
Concen: 61.288 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 95 Resp: 201854  
Ion Ratio Lower Upper  
95 100  
174 76.3 0.0 152.4  
176 73.2 0.0 146.6

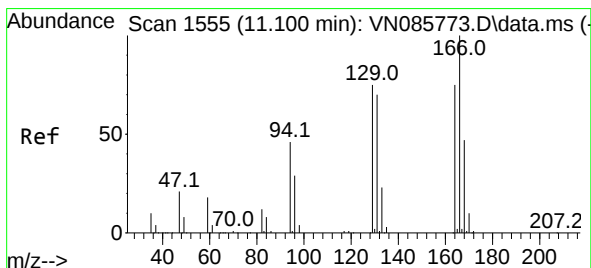
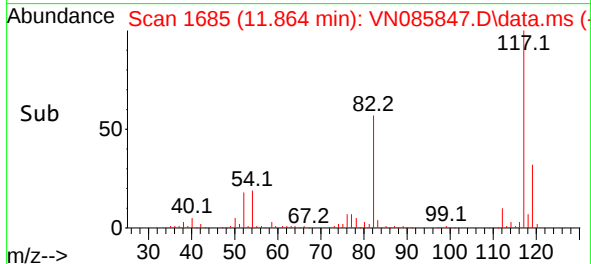
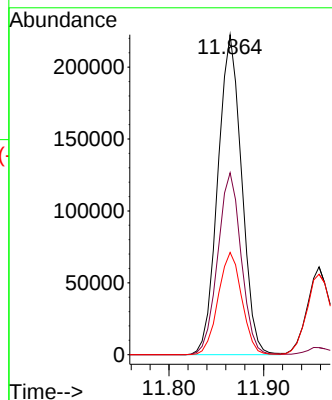
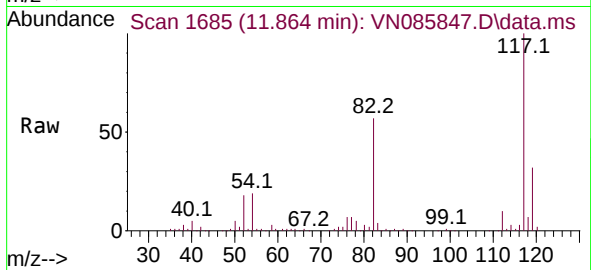




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.864 min Scan# 117  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

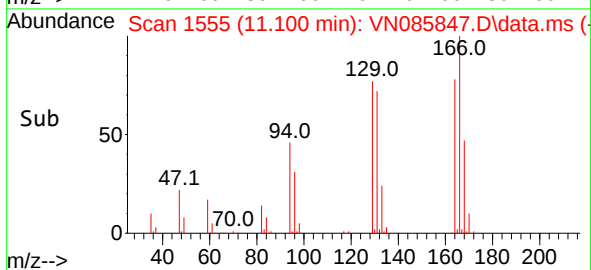
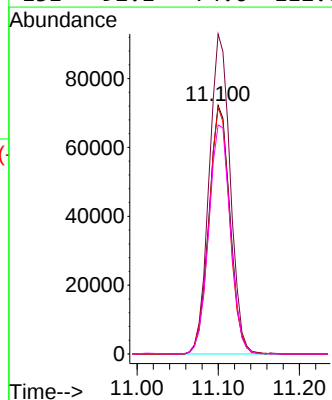
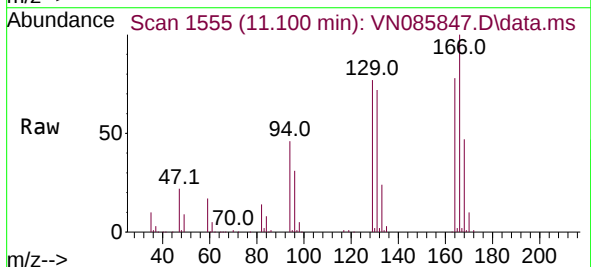
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

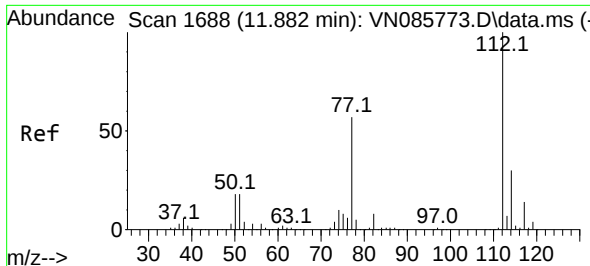
Tgt Ion:117 Resp: 388712  
Ion Ratio Lower Upper  
117 100  
82 56.9 45.7 68.5  
119 32.0 26.2 39.2



#64  
Tetrachloroethene  
Concen: 43.256 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion:164 Resp: 130259  
Ion Ratio Lower Upper  
164 100  
166 128.8 107.2 160.8  
129 99.2 80.7 121.1  
131 92.1 74.6 112.0

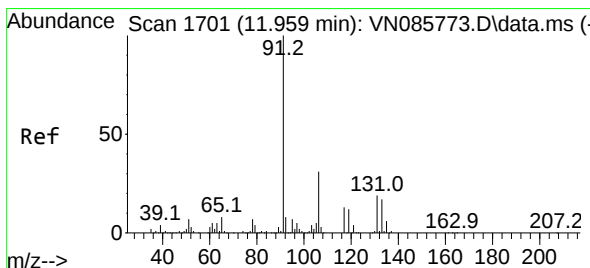
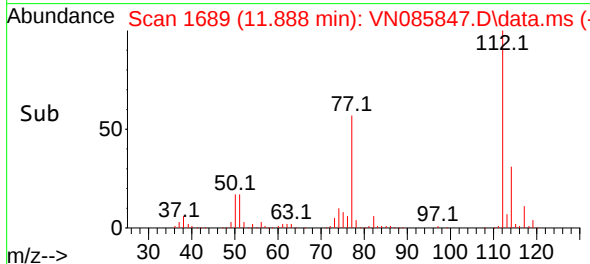
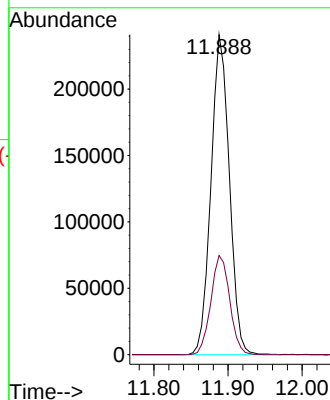
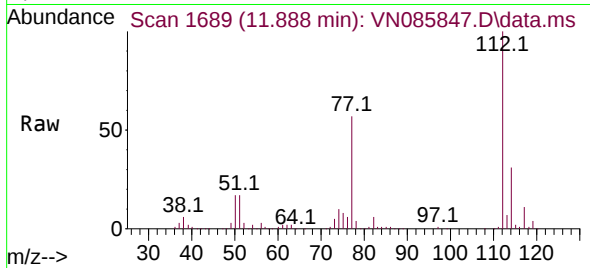




#65  
Chlorobenzene  
Concen: 46.611 ug/l  
RT: 11.888 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

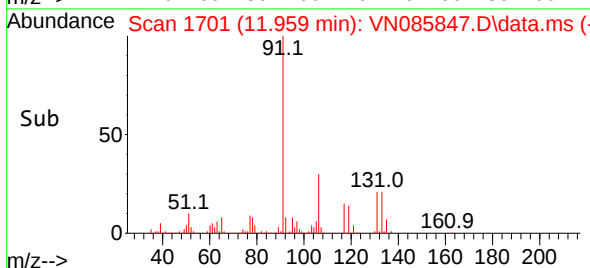
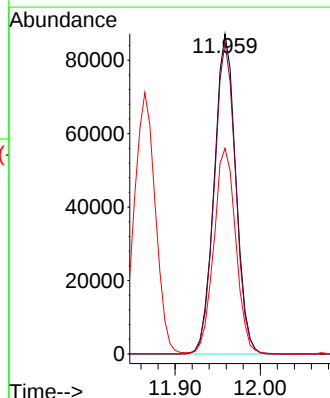
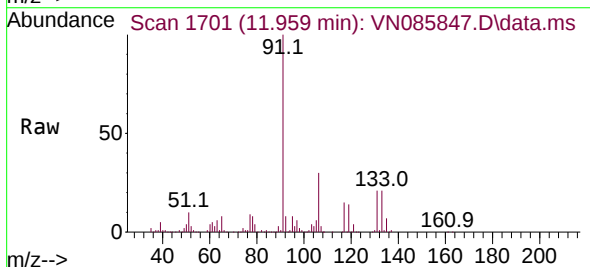
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

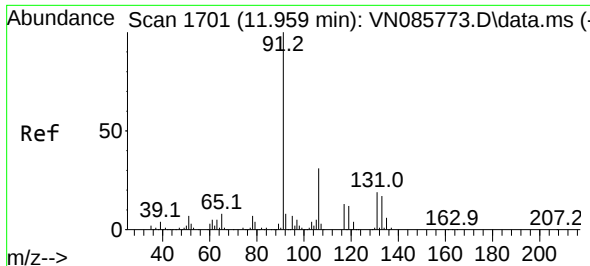
Tgt Ion:112 Resp: 415060  
Ion Ratio Lower Upper  
112 100  
114 31.0 24.3 36.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.956 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion:131 Resp: 153492  
Ion Ratio Lower Upper  
131 100  
133 96.4 47.7 143.1  
119 65.5 33.3 99.8

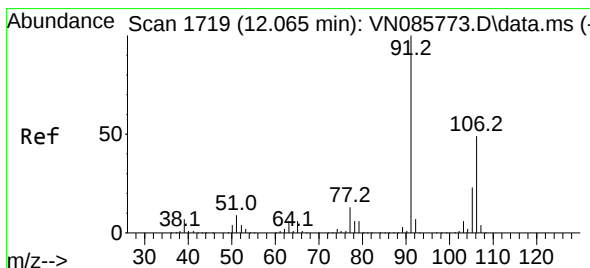
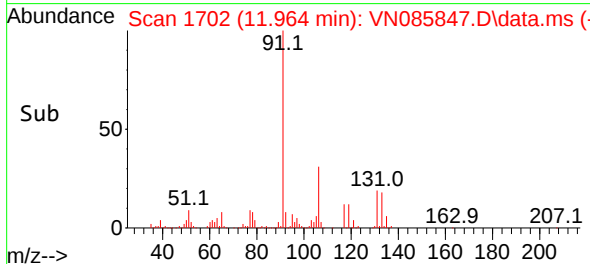
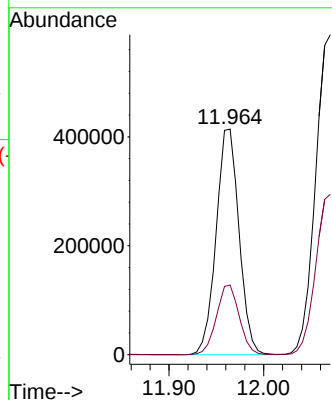
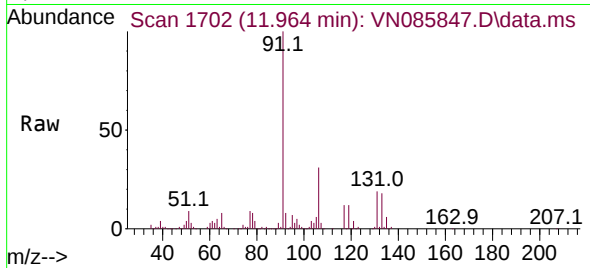




#67  
Ethyl Benzene  
Concen: 49.968 ug/l  
RT: 11.964 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

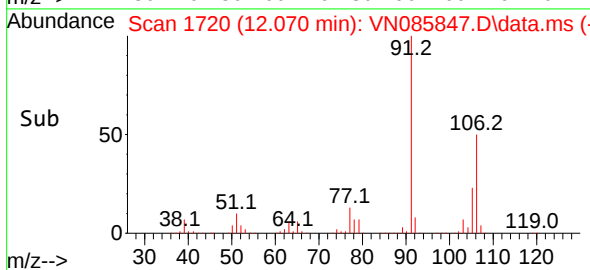
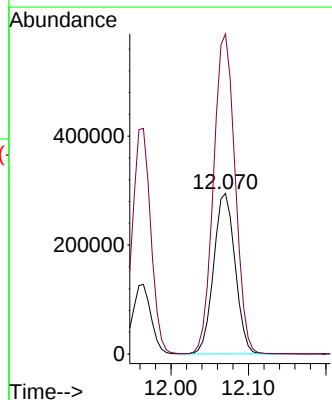
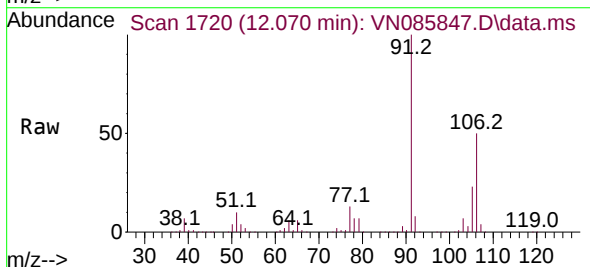
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

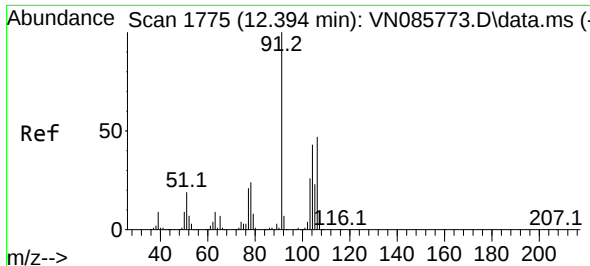
Tgt Ion: 91 Resp: 697002  
Ion Ratio Lower Upper  
91 100  
106 30.9 24.7 37.1



#68  
m/p-Xylenes  
Concen: 106.786 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. 0.005 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion:106 Resp: 565804  
Ion Ratio Lower Upper  
106 100  
91 200.8 163.3 244.9

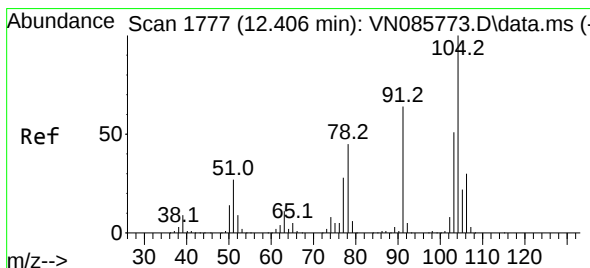
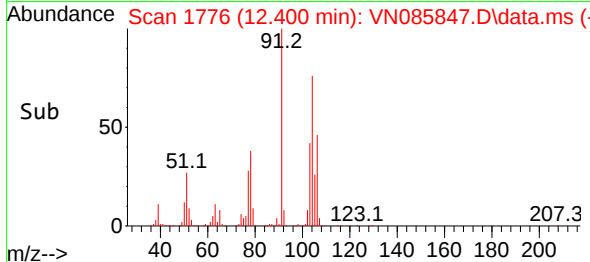
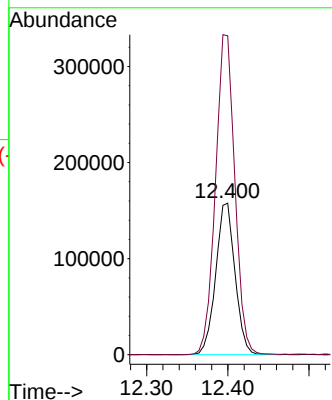
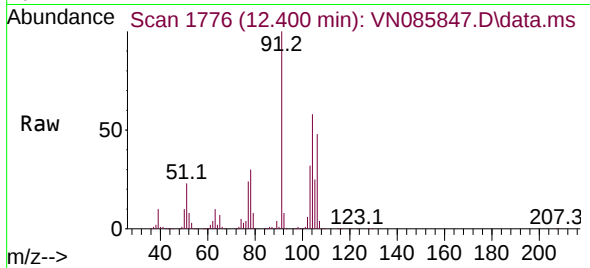




#69  
o-Xylene  
Concen: 51.775 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

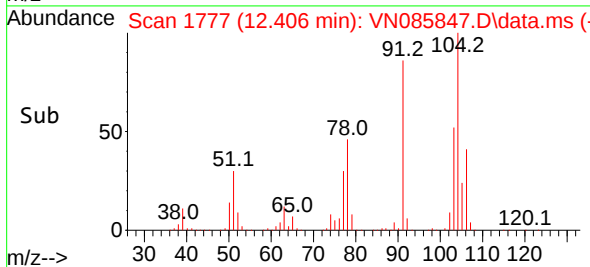
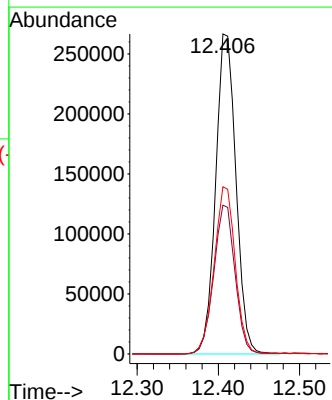
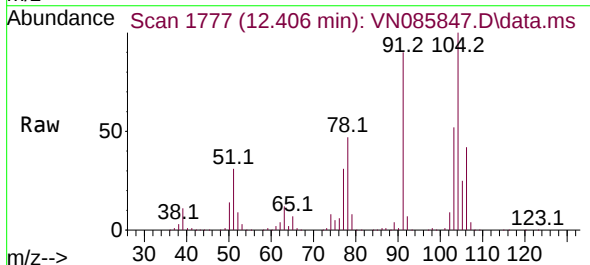
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

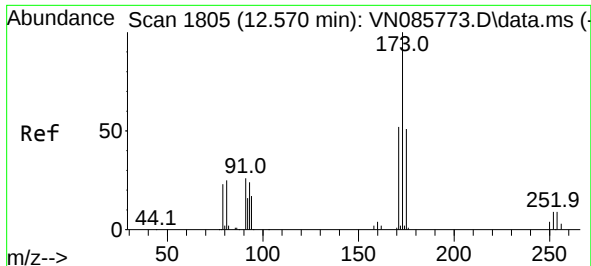
Tgt Ion:106 Resp: 260682  
Ion Ratio Lower Upper  
106 100  
91 212.6 107.1 321.4



#70  
Styrene  
Concen: 49.605 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion:104 Resp: 464389  
Ion Ratio Lower Upper  
104 100  
78 48.9 39.0 58.6  
103 54.3 43.3 64.9

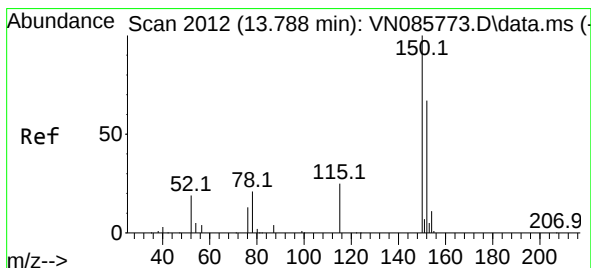
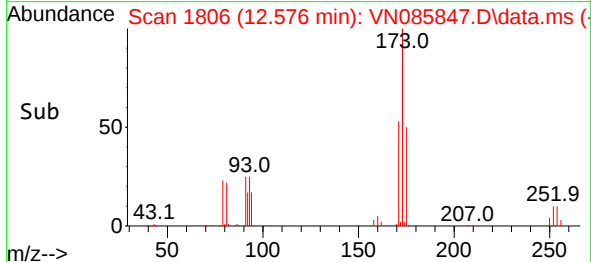
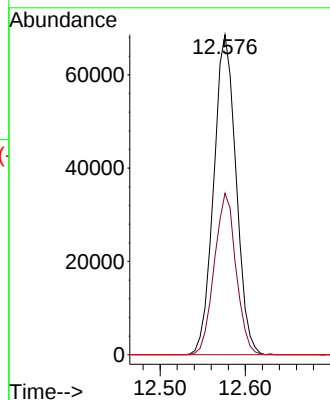
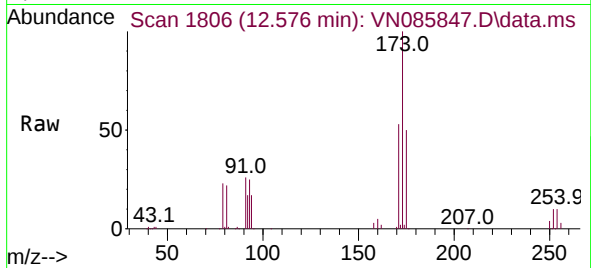




#71  
Bromoform  
Concen: 52.459 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

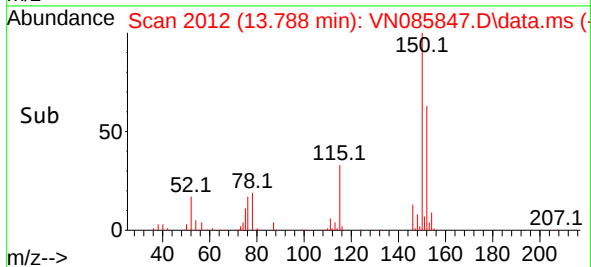
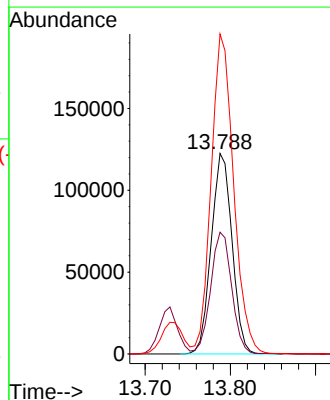
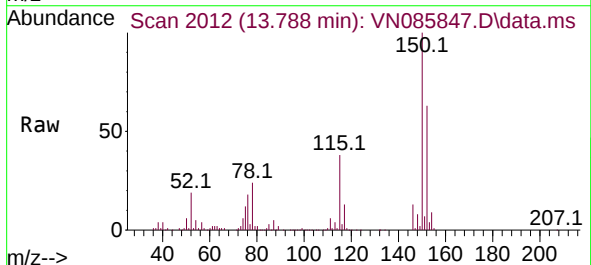
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

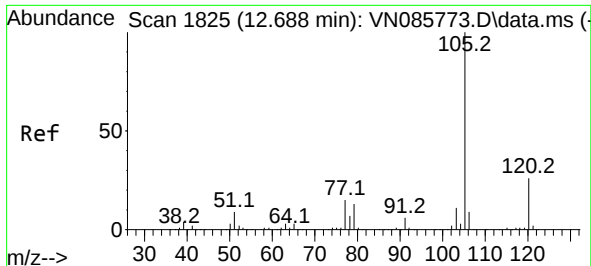
Tgt Ion:173 Resp: 124763  
Ion Ratio Lower Upper  
173 100  
175 49.1 25.1 75.4  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion:152 Resp: 207967  
Ion Ratio Lower Upper  
152 100  
115 61.5 30.4 91.3  
150 172.5 0.0 345.4

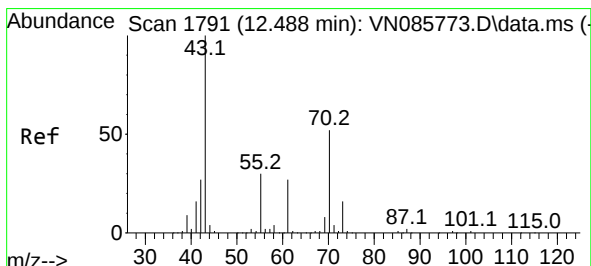
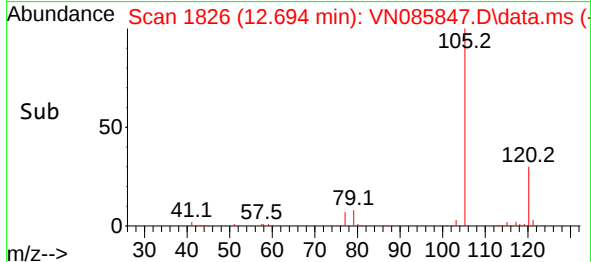
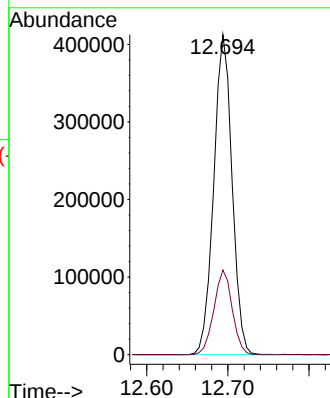
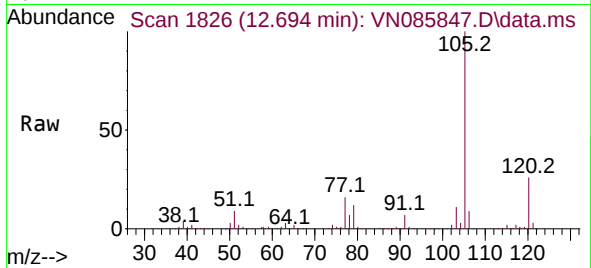




#73  
Isopropylbenzene  
Concen: 45.395 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

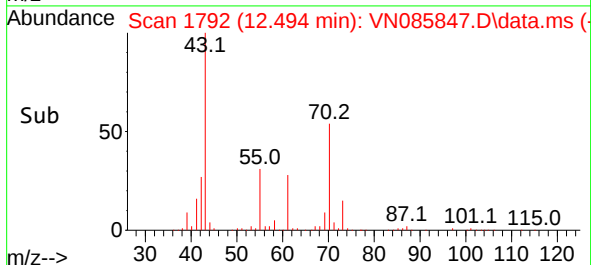
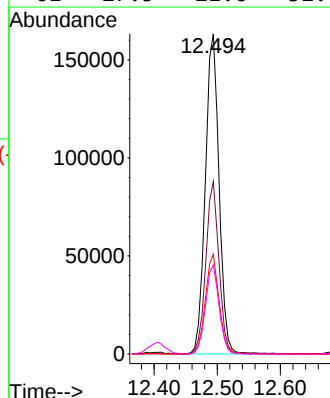
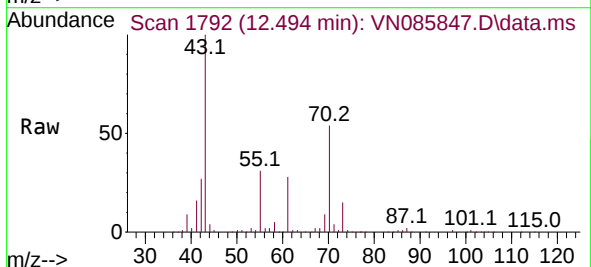
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

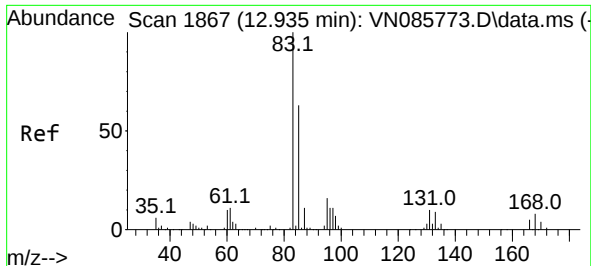
Tgt Ion:105 Resp: 646774  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.0 39.0



#74  
N-ethyl acetate  
Concen: 49.225 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 43 Resp: 247325  
Ion Ratio Lower Upper  
43 100  
70 51.4 41.0 61.4  
55 31.1 24.6 36.8  
61 27.5 21.6 32.4

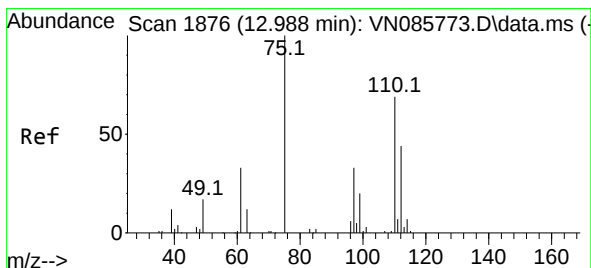
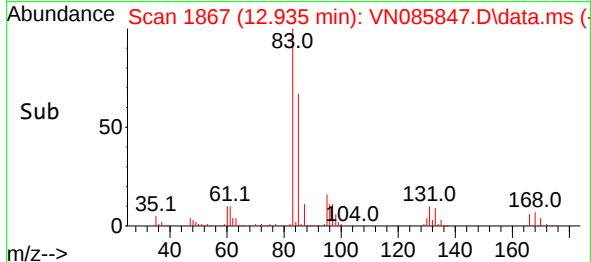
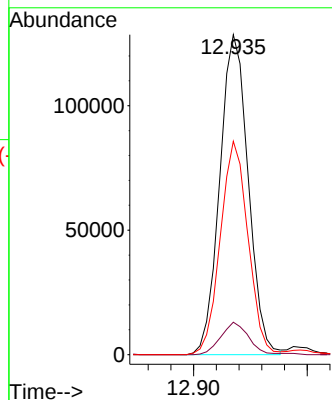
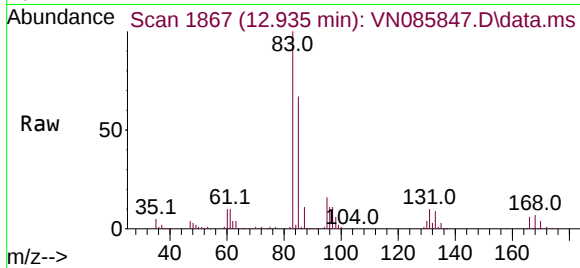




#75  
1,1,2,2-Tetrachloroethane  
Concen: 45.611 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

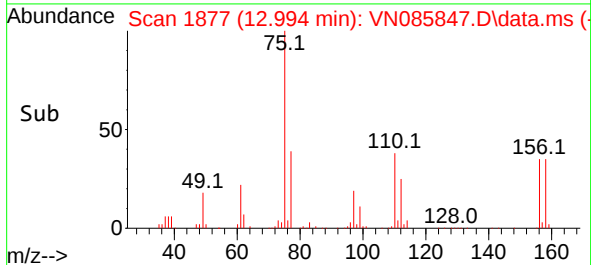
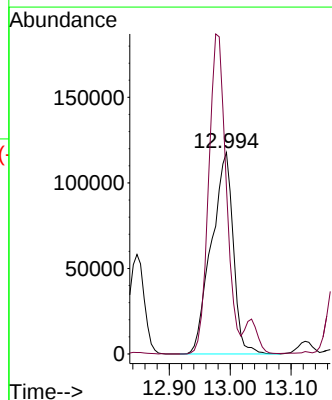
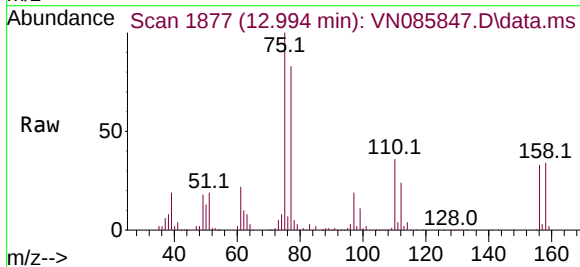
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

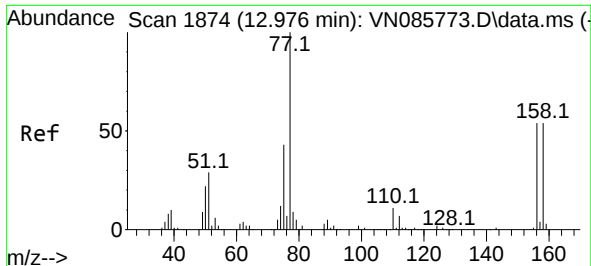
Tgt Ion: 83 Resp: 223621  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.0 15.0  
85 64.9 32.2 96.6



#76  
1,2,3-Trichloropropane  
Concen: 63.423 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 75 Resp: 292992  
Ion Ratio Lower Upper  
75 100  
77 127.7 100.0 300.0

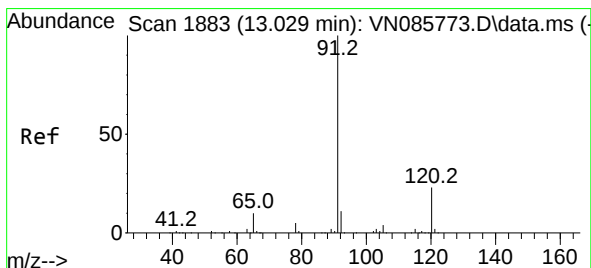
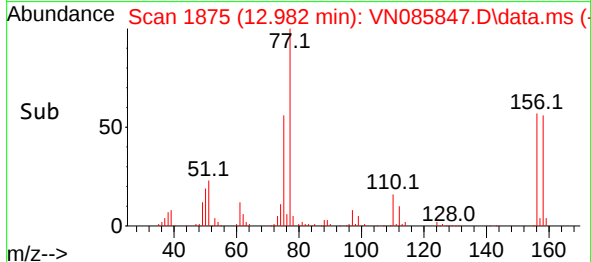
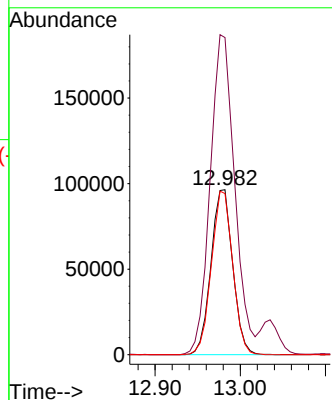
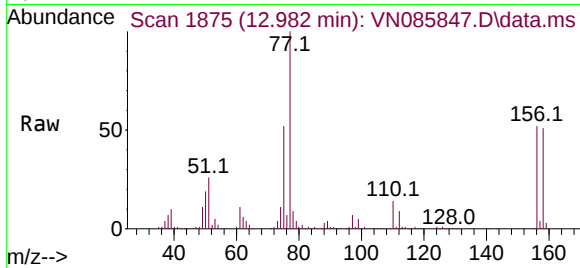




#77  
Bromobenzene  
Concen: 44.516 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

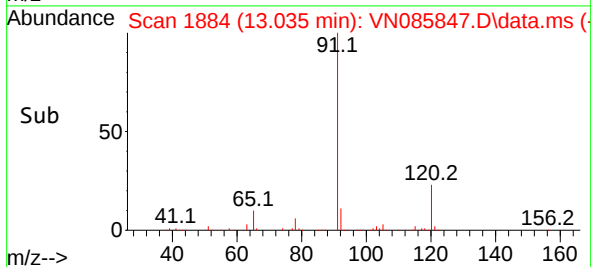
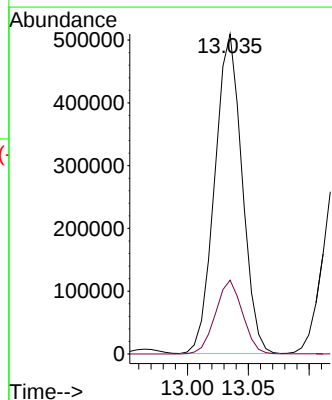
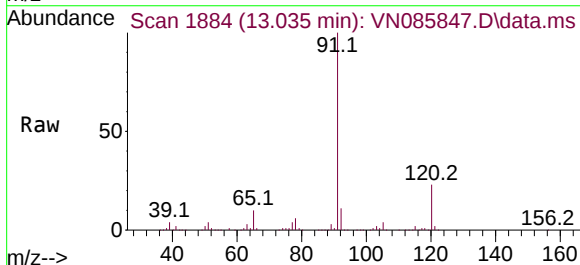
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

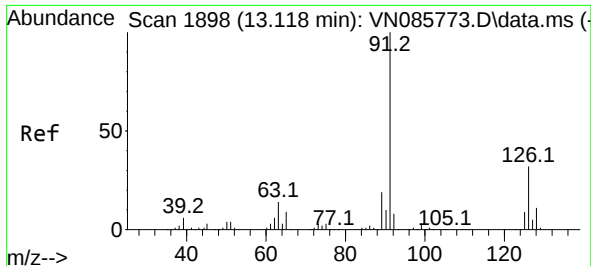
Tgt Ion:156 Resp: 171354  
Ion Ratio Lower Upper  
156 100  
77 218.3 104.1 312.3  
158 96.8 48.1 144.4



#78  
n-propylbenzene  
Concen: 48.652 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 91 Resp: 793863  
Ion Ratio Lower Upper  
91 100  
120 22.9 11.3 33.8

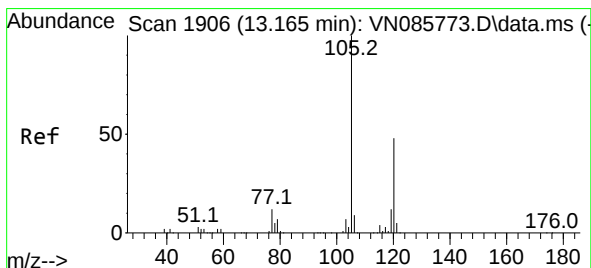
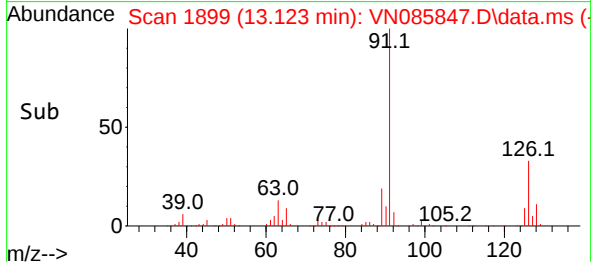
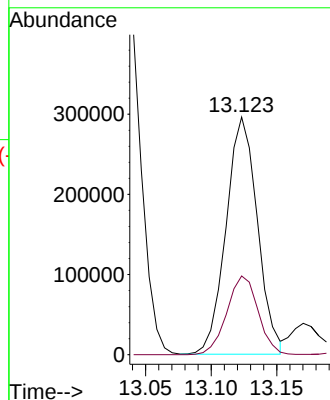
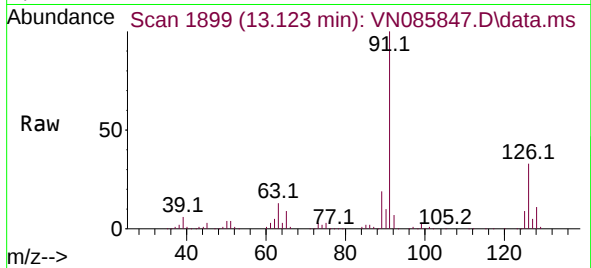




#79  
2-Chlorotoluene  
Concen: 45.163 ug/l  
RT: 13.123 min Scan# 1898  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

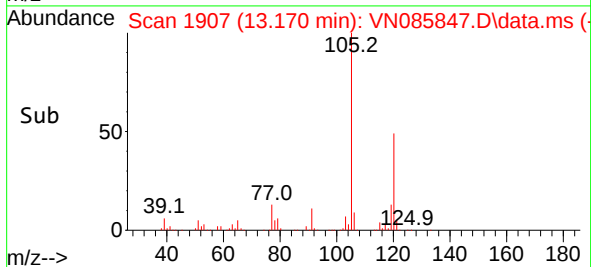
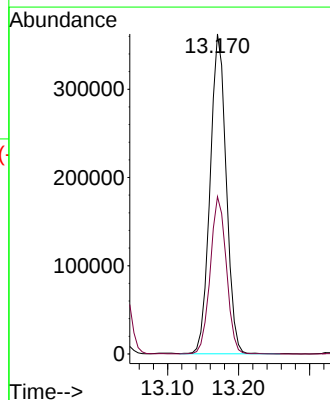
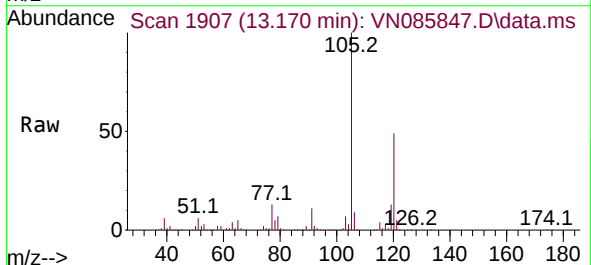
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

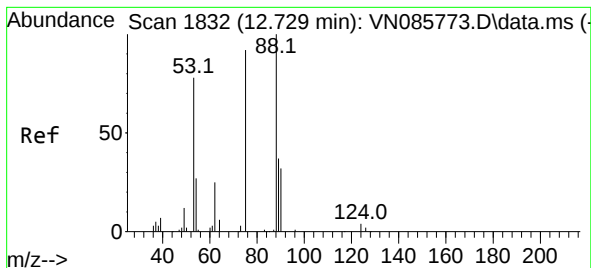
Tgt Ion: 91 Resp: 492367  
Ion Ratio Lower Upper  
91 100  
126 33.1 16.4 49.1



#80  
1,3,5-Trimethylbenzene  
Concen: 49.159 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 105 Resp: 570543  
Ion Ratio Lower Upper  
105 100  
120 49.2 24.3 72.9

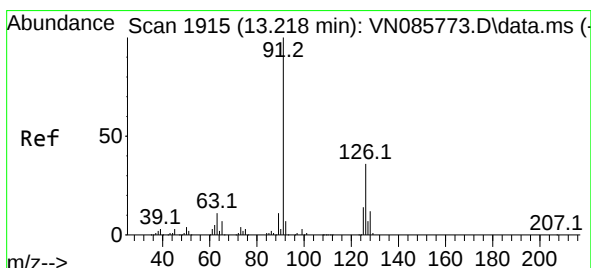
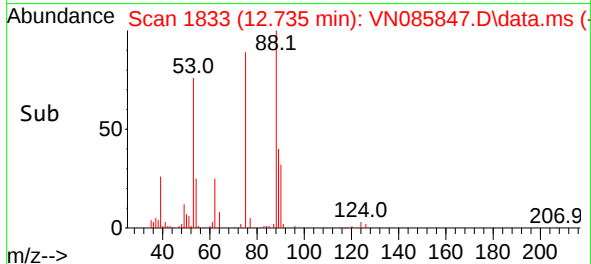
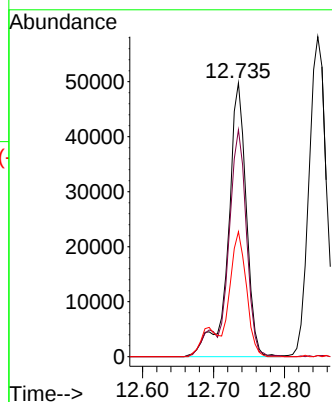
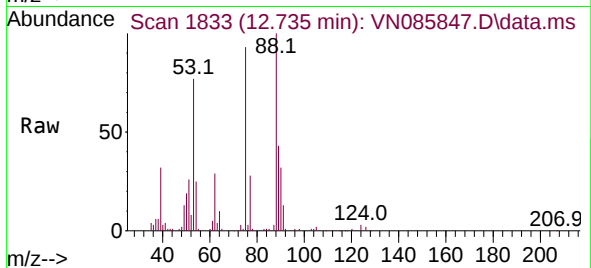




#81  
trans-1,4-Dichloro-2-butene  
Concen: 55.800 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

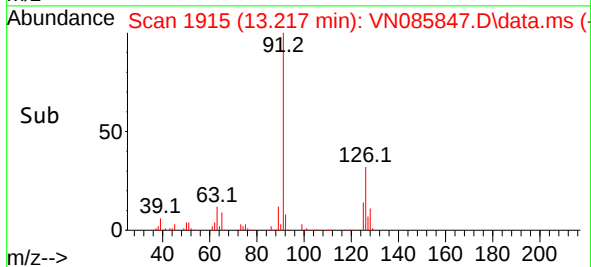
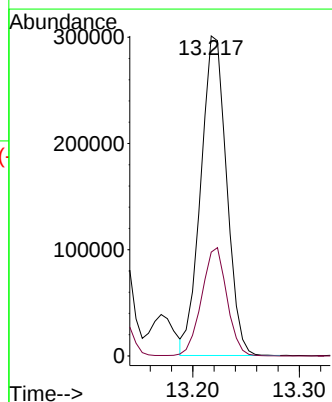
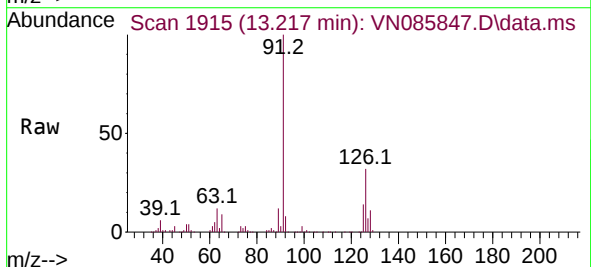
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

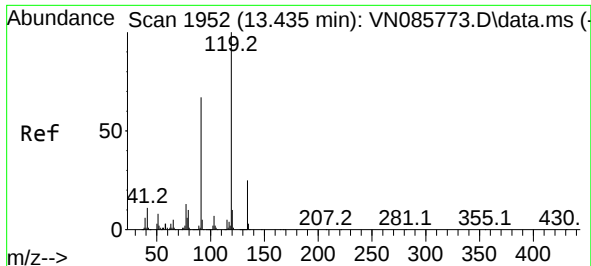
Tgt Ion: 75 Resp: 88348  
Ion Ratio Lower Upper  
75 100  
53 77.5 74.2 111.4  
89 40.6 34.9 52.3



#82  
4-Chlorotoluene  
Concen: 46.792 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 91 Resp: 505722  
Ion Ratio Lower Upper  
91 100  
126 33.3 16.4 49.4

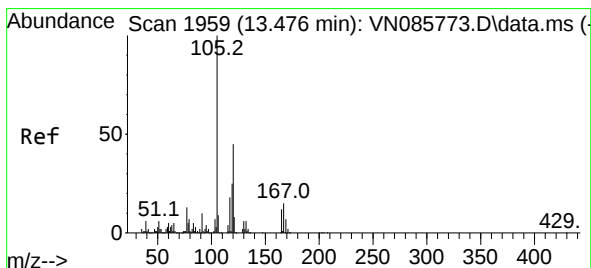
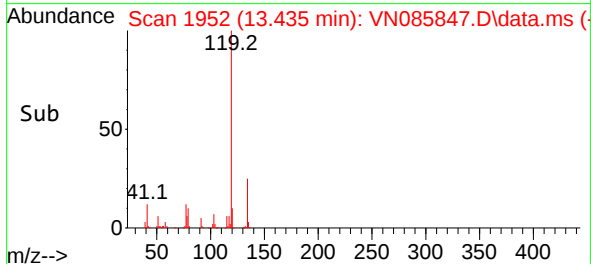
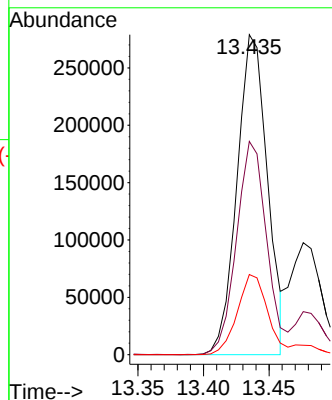
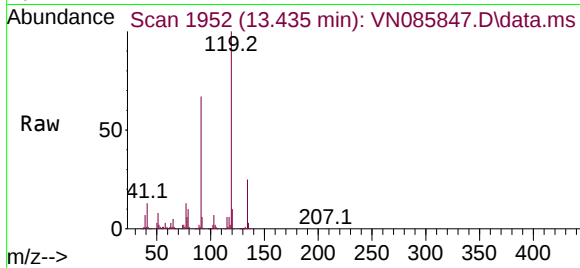




#83  
 tert-Butylbenzene  
 Concen: 46.202 ug/l  
 RT: 13.435 min Scan# 1952  
 Delta R.T. -0.000 min  
 Lab File: VN085847.D  
 Acq: 25 Feb 2025 10:45

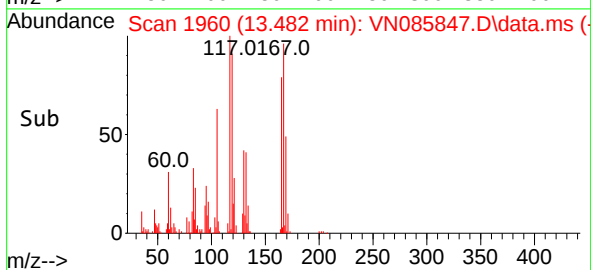
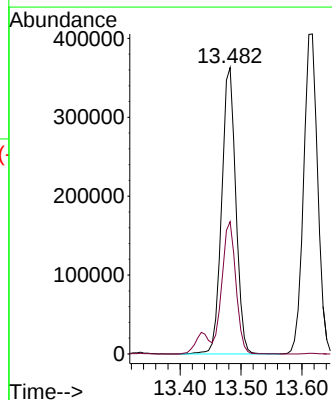
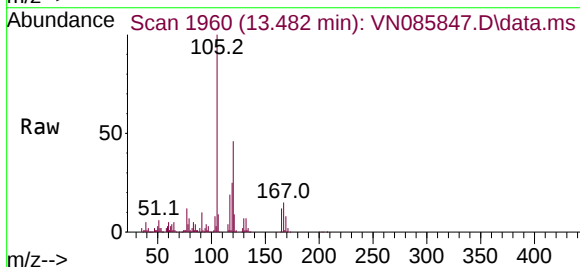
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

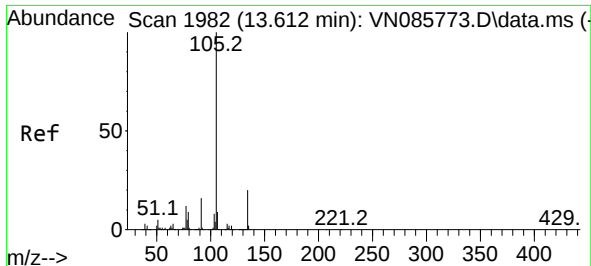
Tgt Ion:119 Resp: 450921  
 Ion Ratio Lower Upper  
 119 100  
 91 66.7 32.5 97.5  
 134 24.9 13.3 39.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.841 ug/l  
 RT: 13.482 min Scan# 1960  
 Delta R.T. 0.006 min  
 Lab File: VN085847.D  
 Acq: 25 Feb 2025 10:45

Tgt Ion:105 Resp: 583795  
 Ion Ratio Lower Upper  
 105 100  
 120 45.6 22.4 67.3

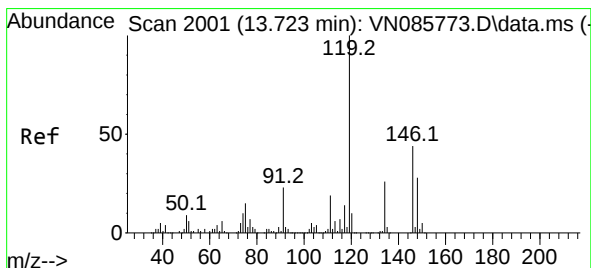
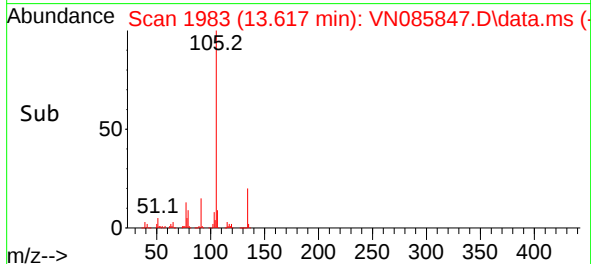
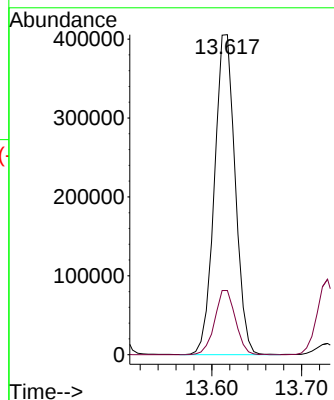
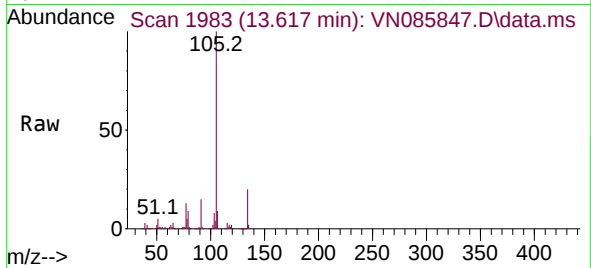




#85  
 sec-Butylbenzene  
 Concen: 47.250 ug/l  
 RT: 13.617 min Scan# 1982  
 Delta R.T. 0.005 min  
 Lab File: VN085847.D  
 Acq: 25 Feb 2025 10:45

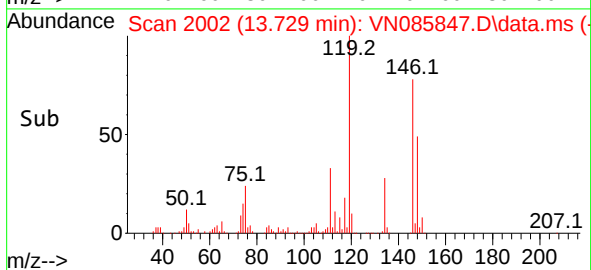
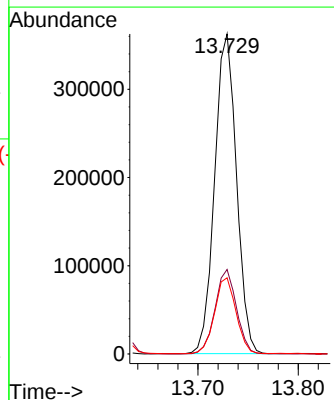
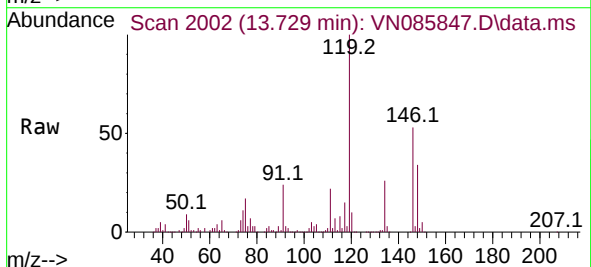
Instrument :  
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 ClientSampleId :  
 VSTDCCC050

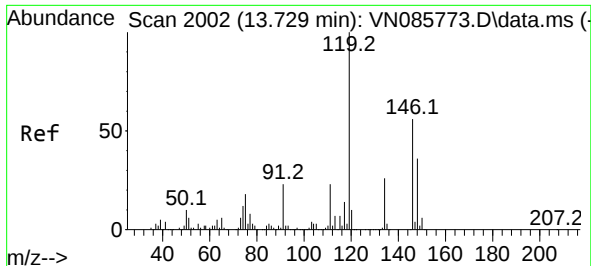
Tgt Ion:105 Resp: 651555  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 43.863 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.006 min  
 Lab File: VN085847.D  
 Acq: 25 Feb 2025 10:45

Tgt Ion:119 Resp: 547850  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 13.0 39.0  
 91 23.4 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 45.144 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085847.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

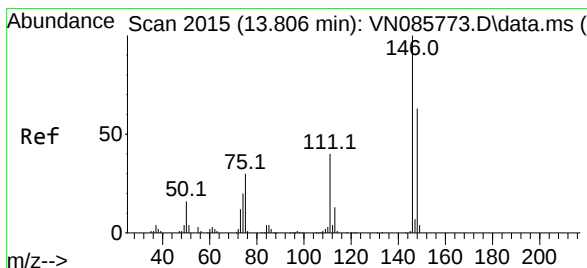
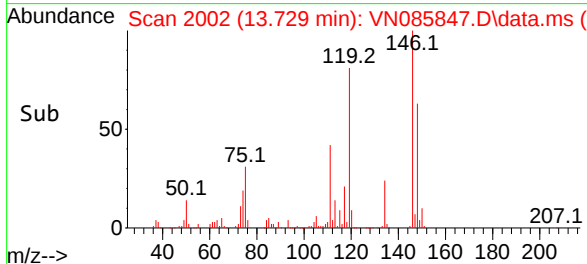
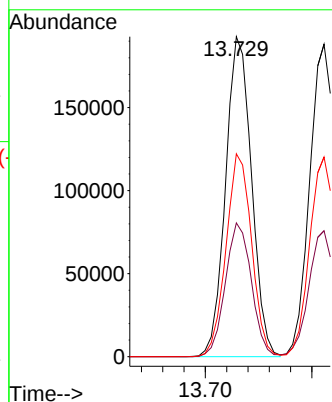
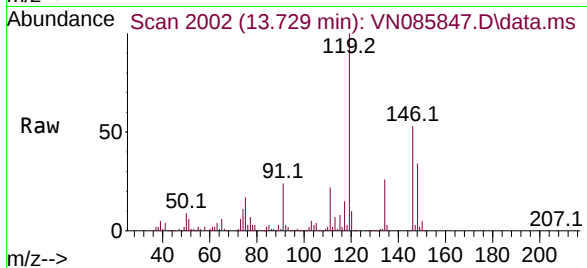
Tgt Ion:146 Resp: 325569

Ion Ratio Lower Upper

146 100

111 42.0 21.1 63.3

148 62.7 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 43.360 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. 0.006 min

Lab File: VN085847.D

Acq: 25 Feb 2025 10:45

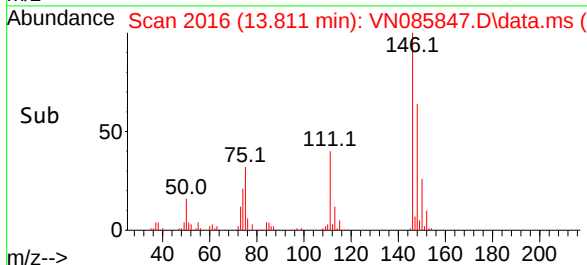
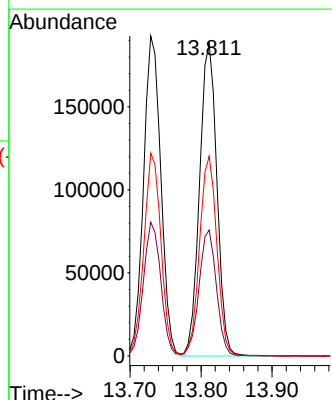
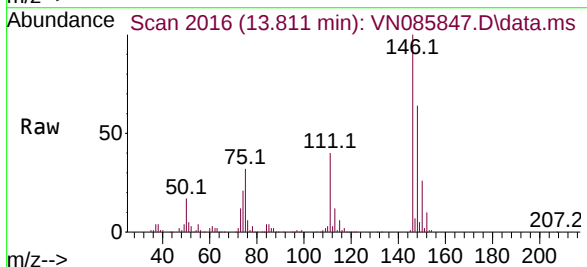
Tgt Ion:146 Resp: 320502

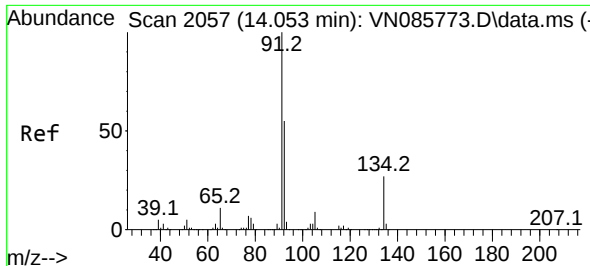
Ion Ratio Lower Upper

146 100

111 40.1 20.4 61.3

148 63.8 31.8 95.4

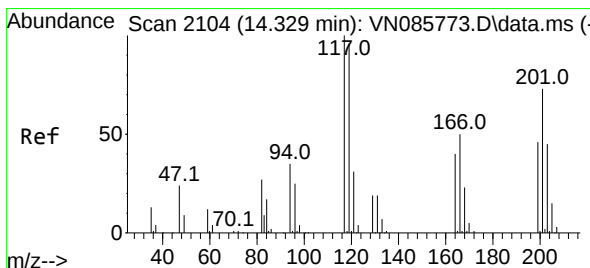
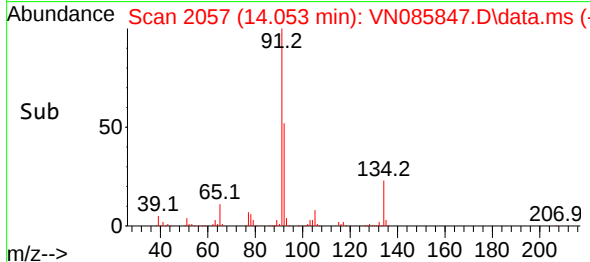
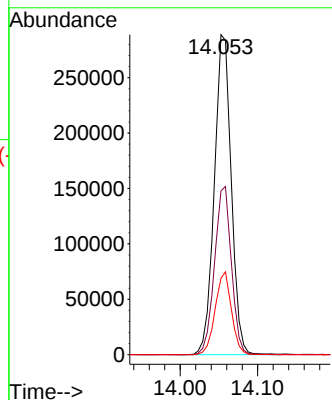
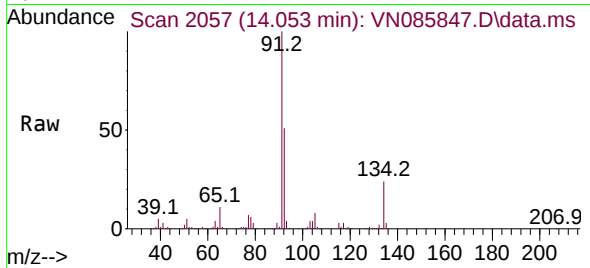




#89  
n-Butylbenzene  
Concen: 44.959 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

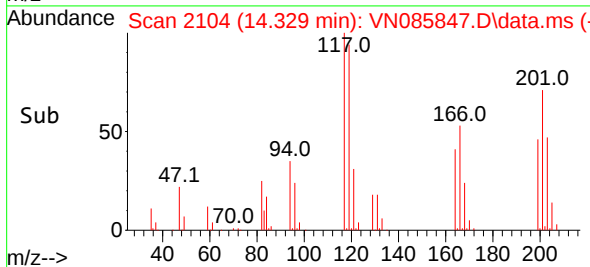
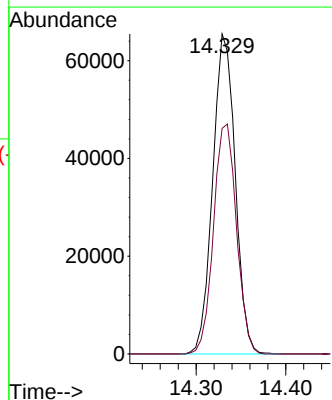
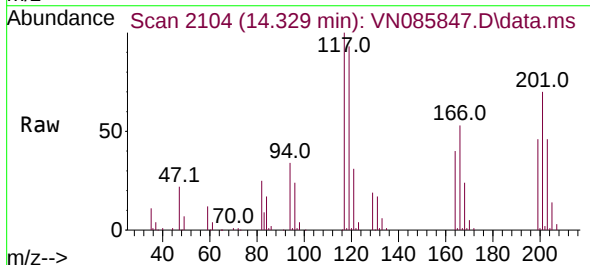
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

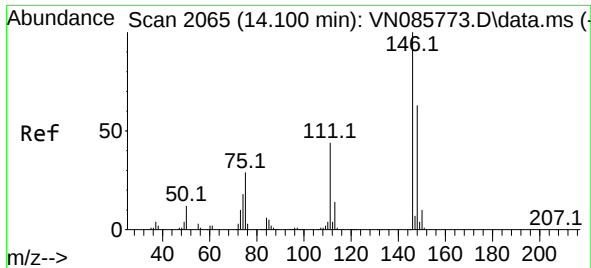
Tgt Ion: 91 Resp: 440169  
Ion Ratio Lower Upper  
91 100  
92 52.3 27.1 81.3  
134 24.9 12.7 38.1



#90  
Hexachloroethane  
Concen: 43.635 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. -0.000 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 117 Resp: 113955  
Ion Ratio Lower Upper  
117 100  
201 73.4 35.6 106.9

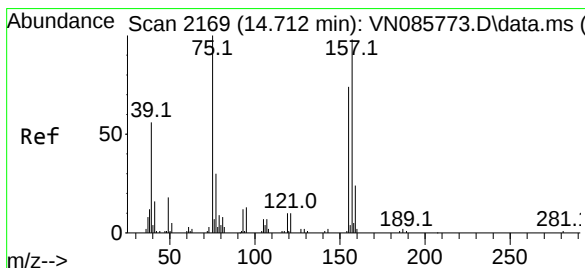
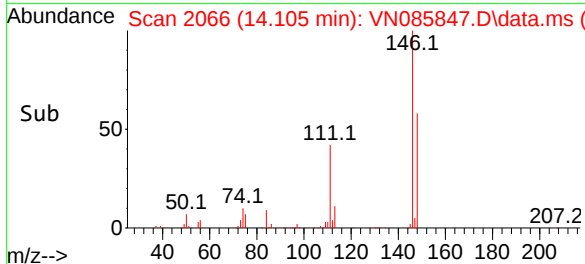
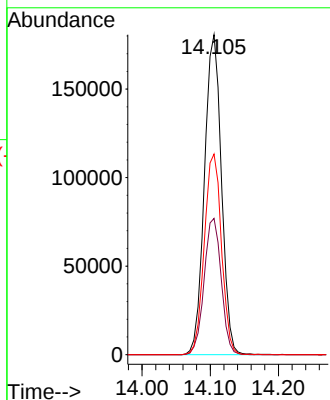
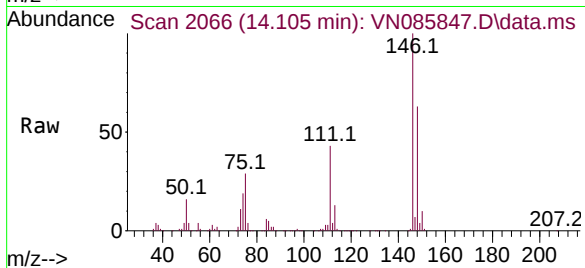




#91  
1,2-Dichlorobenzene  
Concen: 45.098 ug/l  
RT: 14.105 min Scan# 2066  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

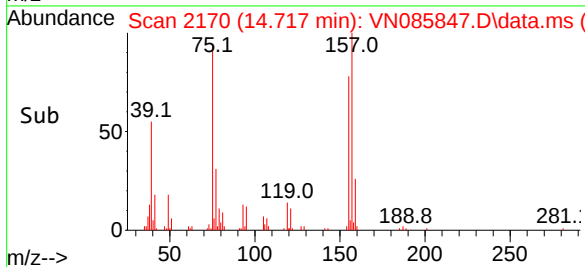
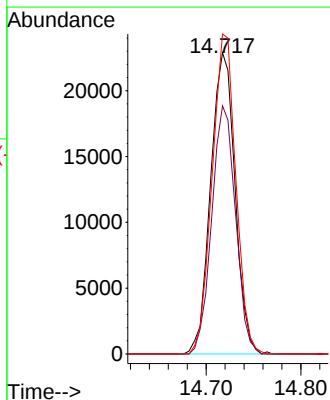
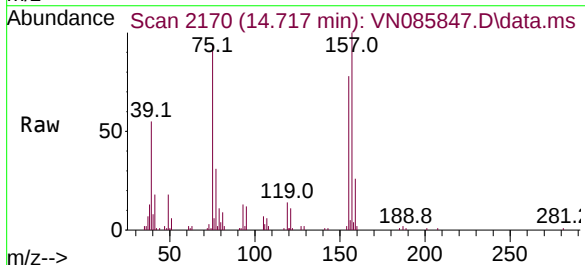
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

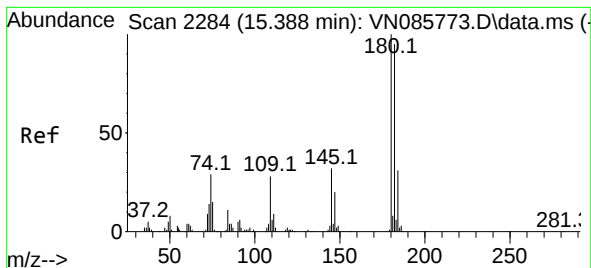
Tgt Ion:146 Resp: 312755  
Ion Ratio Lower Upper  
146 100  
111 42.8 21.4 64.3  
148 63.5 32.0 96.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 45.439 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion: 75 Resp: 40909  
Ion Ratio Lower Upper  
75 100  
155 80.4 39.9 119.6  
157 103.6 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 43.011 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN085847.D

Acq: 25 Feb 2025 10:45

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

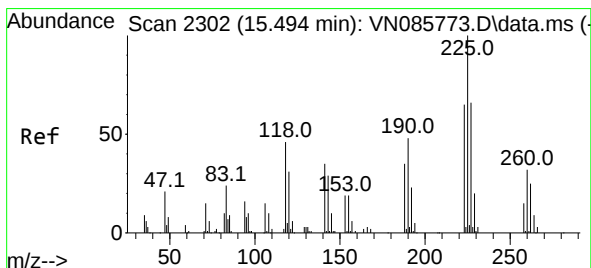
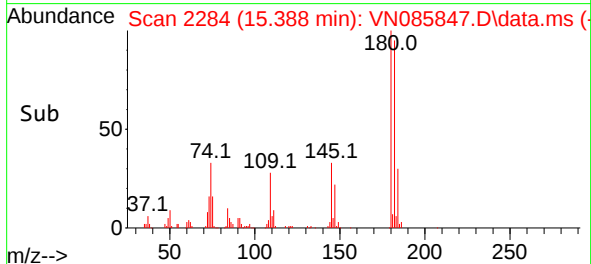
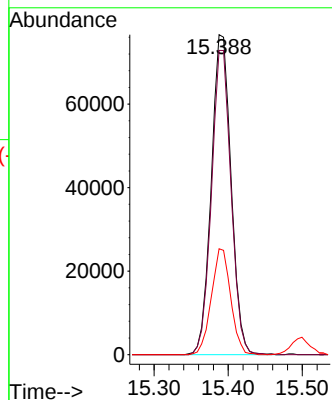
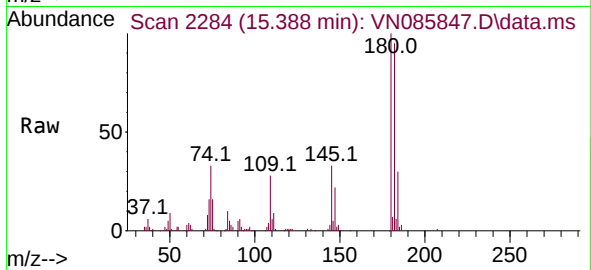
Tgt Ion:180 Resp: 142134

Ion Ratio Lower Upper

180 100

182 93.9 47.3 141.9

145 32.3 16.2 48.5



#94

Hexachlorobutadiene

Concen: 37.768 ug/l

RT: 15.499 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN085847.D

Acq: 25 Feb 2025 10:45

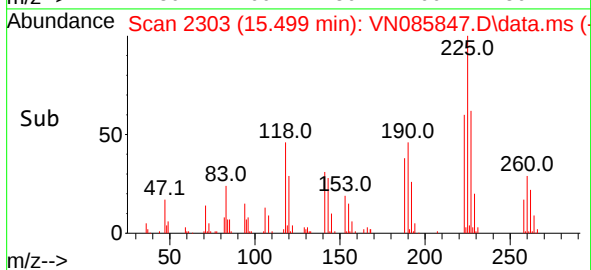
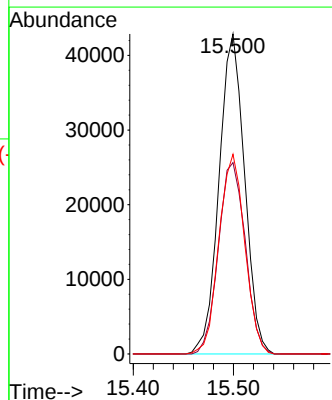
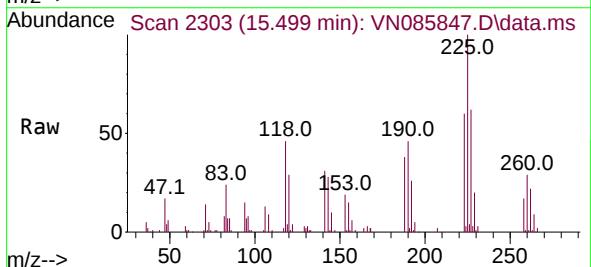
Tgt Ion:225 Resp: 75850

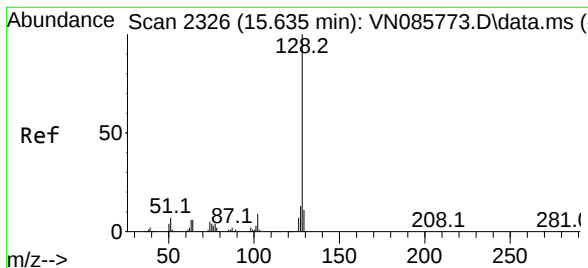
Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.5

227 63.1 32.2 96.6

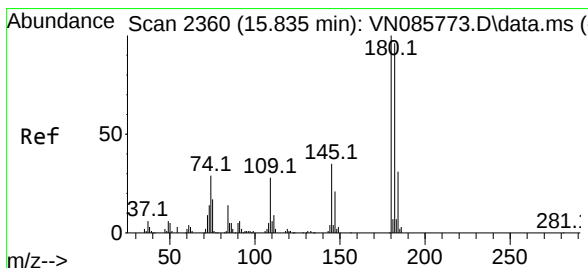
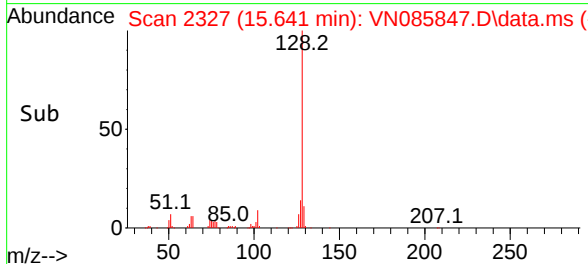
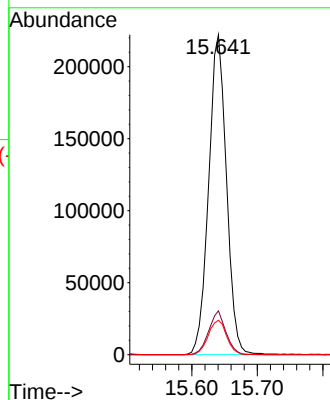
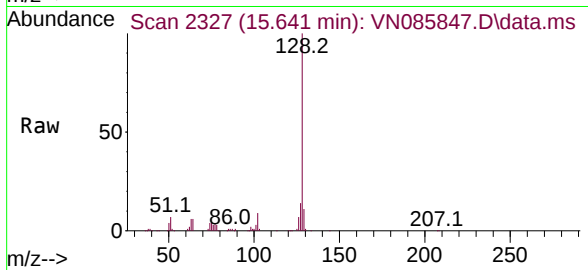




#95  
Naphthalene  
Concen: 46.279 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 419862  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.2 15.2  
129 11.1 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 43.157 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. 0.006 min  
Lab File: VN085847.D  
Acq: 25 Feb 2025 10:45

Tgt Ion:180 Resp: 143174  
Ion Ratio Lower Upper  
180 100  
182 94.9 47.3 141.8  
145 33.6 16.9 50.6

