

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032125\  
 Data File : VN086036.D  
 Acq On : 21 Mar 2025 13:17  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 21 22:54:23 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 19 03:20:56 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.218  | 168  | 163728   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 253523   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 241486   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 138904   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 115057   | 51.319   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 102.640% |      |
| 35) Dibromofluoromethane    | 8.165  | 113   | 93499    | 52.837   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 105.680% |      |
| 50) Toluene-d8              | 10.565 | 98    | 359851   | 56.032   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 112.060% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 132042   | 57.651   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 115.300% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 108055 | 49.815  | ug/l   | 95  |
| 3) Chloromethane             | 2.359 | 50  | 88438  | 46.507  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.507 | 62  | 96215  | 49.484  | ug/l   | 98  |
| 5) Bromomethane              | 2.942 | 94  | 60662  | 45.803  | ug/l   | 100 |
| 6) Chloroethane              | 3.112 | 64  | 57957  | 47.250  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.495 | 101 | 171872 | 49.173  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.959 | 74  | 52398  | 48.970  | ug/l   | 95  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 93720  | 50.451  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.583 | 142 | 124435 | 51.409  | ug/l   | 92  |
| 11) Tert butyl alcohol       | 5.518 | 59  | 70018  | 220.580 | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 4.336 | 96  | 86308  | 51.454  | ug/l   | 95  |
| 13) Acrolein                 | 4.177 | 56  | 101114 | 298.659 | ug/l   | 97  |
| 14) Allyl chloride           | 5.024 | 41  | 94494  | 45.156  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.718 | 53  | 224851 | 268.216 | ug/l   | 97  |
| 16) Acetone                  | 4.424 | 43  | 166176 | 242.610 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.712 | 76  | 256633 | 46.522  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.024 | 43  | 86528  | 51.059  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.789 | 73  | 286440 | 52.112  | ug/l   | 98  |
| 20) Methylene Chloride       | 5.277 | 84  | 103078 | 51.442  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 97315  | 53.087  | ug/l   | 99  |
| 22) Diisopropyl ether        | 6.671 | 45  | 245779 | 55.115  | ug/l   | 96  |
| 23) Vinyl Acetate            | 6.600 | 43  | 910646 | 269.383 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 170839 | 52.098  | ug/l   | 97  |
| 25) 2-Butanone               | 7.483 | 43  | 255996 | 259.016 | ug/l   | 95  |
| 26) 2,2-Dichloropropane      | 7.489 | 77  | 141339 | 44.769  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.483 | 96  | 110714 | 53.148  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.812 | 49  | 72328  | 52.060  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.836 | 42  | 175553 | 287.713 | ug/l   | 99  |
| 30) Chloroform               | 7.965 | 83  | 190234 | 52.484  | ug/l   | 98  |
| 31) Cyclohexane              | 8.259 | 56  | 135044 | 48.341  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 178584 | 52.050  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 129290 | 55.488  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.559 | 43  | 105111 | 53.471  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 166470 | 54.337  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.600 | 83  | 119192 | 51.559  | ug/l   | 98  |
| 40) Benzene                  | 8.606 | 78  | 402242 | 54.991  | ug/l   | 100 |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 21 22:54:23 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 19 03:20:56 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.771  | 41   | 52611    | 56.050   | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 137424   | 53.919   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.683  | 43   | 168193   | 39.485   | ug/l   | 99       |
| 44) Trichloroethene           | 9.347  | 130  | 92913    | 49.010   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 94435    | 56.763   | ug/l   | 98       |
| 46) Dibromomethane            | 9.706  | 93   | 72553    | 55.453   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.883  | 83   | 151208   | 55.298   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.677  | 41   | 79191    | 56.338   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 38370    | 1154.720 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 565757   | 301.158  | ug/l   | 98       |
| 52) Toluene                   | 10.630 | 92   | 265190   | 59.071   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 142912   | 53.816   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 153379   | 54.743   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 98942    | 57.743   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 141326   | 52.373   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 162635   | 55.882   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 319939   | 300.152  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.194 | 43   | 421427   | 307.936  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.359 | 129  | 125903   | 56.942   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 98586    | 56.044   | ug/l   | 95       |
| 64) Tetrachloroethene         | 11.100 | 164  | 95978    | 49.824   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.888 | 112  | 283581   | 51.319   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 109310   | 53.214   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 488752   | 55.293   | ug/l   | 97       |
| 68) m/p-Xylenes               | 12.071 | 106  | 401924   | 115.687  | ug/l   | 99       |
| 69) o-Xylene                  | 12.400 | 106  | 185580   | 58.200   | ug/l   | 99       |
| 70) Styrene                   | 12.412 | 104  | 325424   | 59.750   | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 90578    | 52.748   | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.694 | 105  | 467711   | 49.308   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 158416   | 49.918   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 149745   | 46.663   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.988 | 75   | 197723   | 63.581   | ug/l   | 74       |
| 77) Bromobenzene              | 12.976 | 156  | 126401   | 47.790   | ug/l   | 99       |
| 78) n-propylbenzene           | 13.035 | 91   | 568424   | 52.921   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 353043   | 49.485   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.171 | 105  | 427177   | 53.340   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 52263    | 44.432   | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 13.218 | 91   | 370842   | 50.547   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 349102   | 50.968   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 437972   | 54.221   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.612 | 105  | 474302   | 53.082   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 409715   | 54.168   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 241434   | 50.641   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 238063   | 47.527   | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 318015   | 51.631   | ug/l   | 98       |
| 90) Hexachloroethane          | 14.335 | 117  | 80986    | 46.403   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 231463   | 48.838   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 30890    | 48.222   | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 106133   | 44.537   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 58150    | 42.060   | ug/l   | 100      |
| 95) Naphthalene               | 15.641 | 128  | 310651   | 45.019   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 107925   | 47.728   | ug/l   | 98       |

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Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

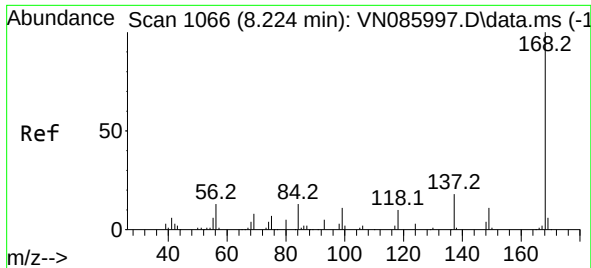
Quant Time: Mar 21 22:54:23 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031825W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 19 03:20:56 2025  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031825W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 19 03:20:56 2025  
Response via : Initial Calibration

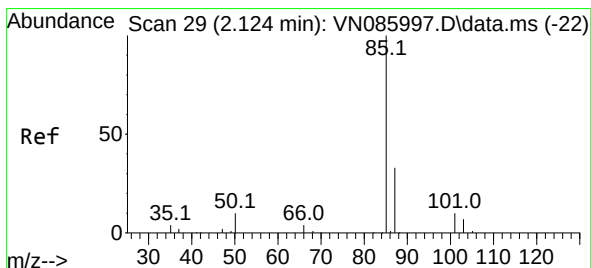
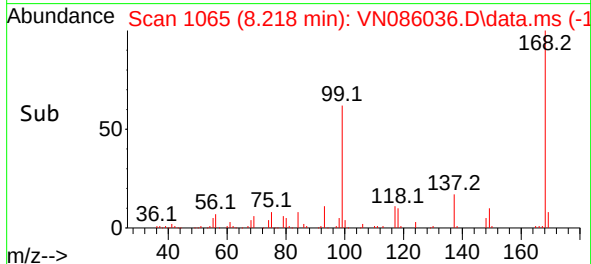
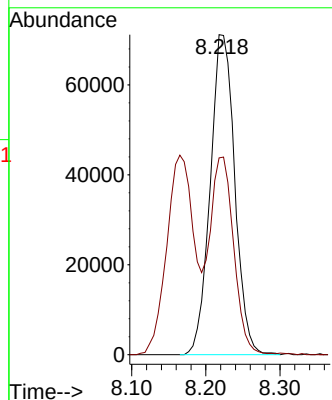
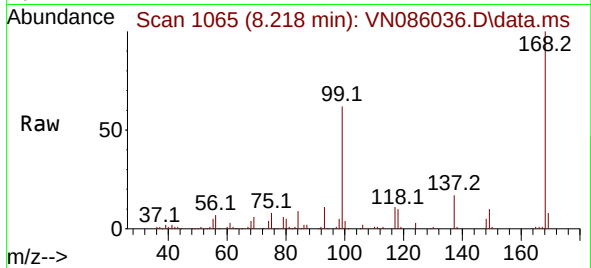




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

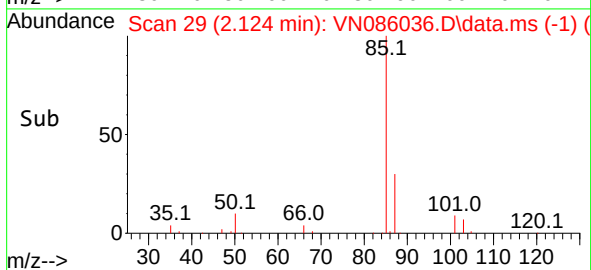
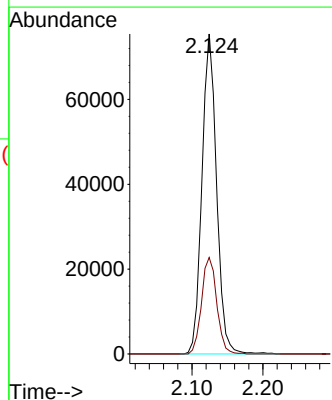
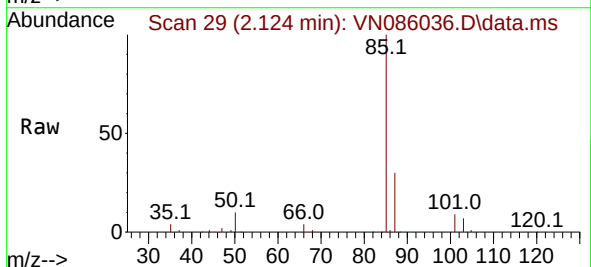
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

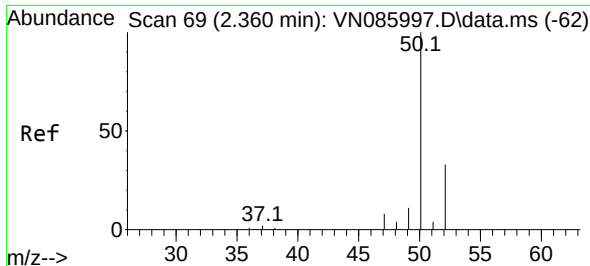
Tgt Ion:168 Resp: 163728  
Ion Ratio Lower Upper  
168 100  
99 61.0 49.4 74.2



#2  
Dichlorodifluoromethane  
Concen: 49.815 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion: 85 Resp: 108055  
Ion Ratio Lower Upper  
85 100  
87 30.2 16.5 49.5

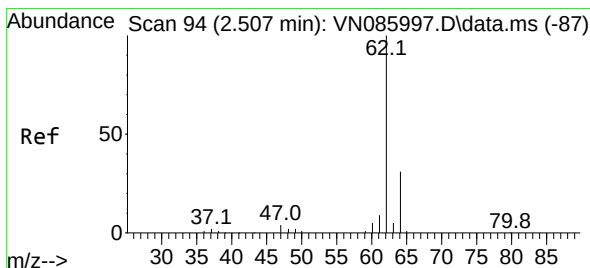
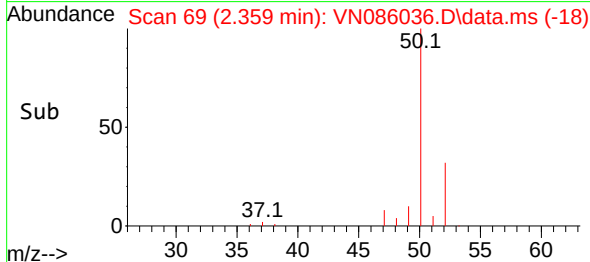
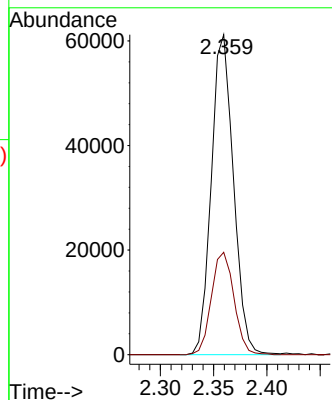
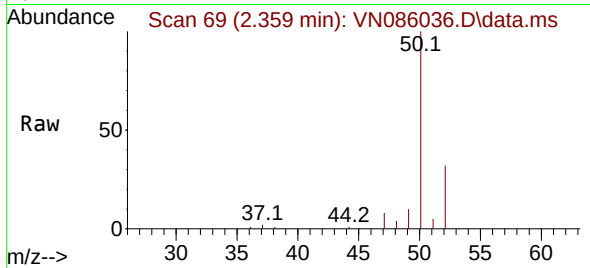




#3  
Chloromethane  
Concen: 46.507 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

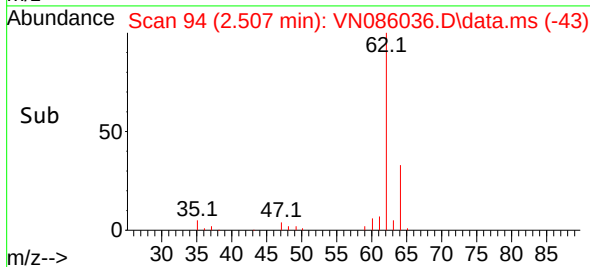
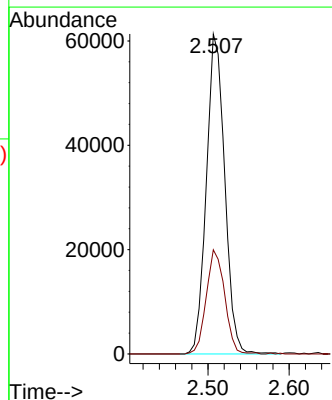
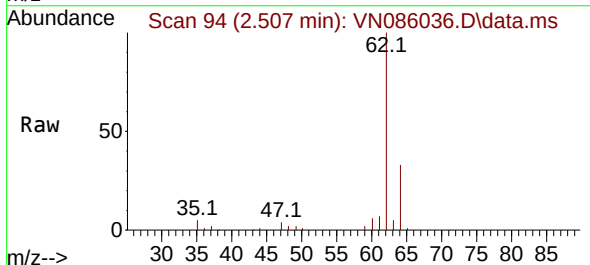
Instrument :  
MSVOA\_N  
ClientSampleId :  
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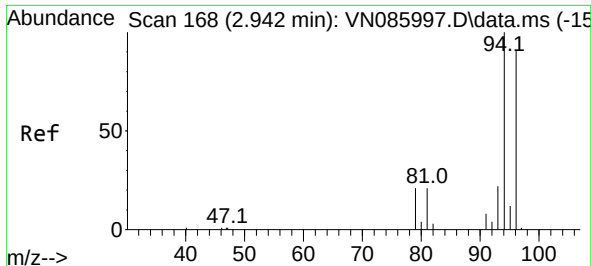
Tgt Ion: 50 Resp: 88438  
Ion Ratio Lower Upper  
50 100  
52 32.0 26.0 39.0



#4  
Vinyl Chloride  
Concen: 49.484 ug/l  
RT: 2.507 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion: 62 Resp: 96215  
Ion Ratio Lower Upper  
62 100  
64 32.5 25.2 37.8

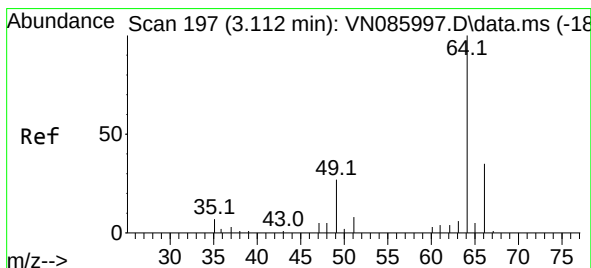
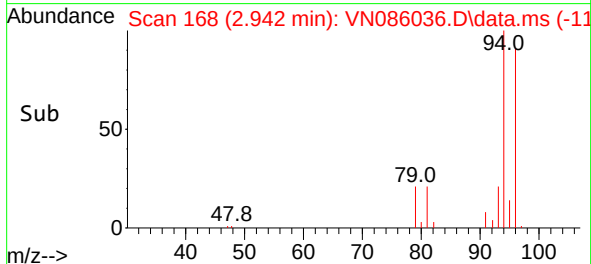
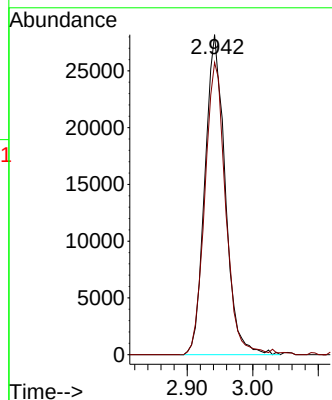
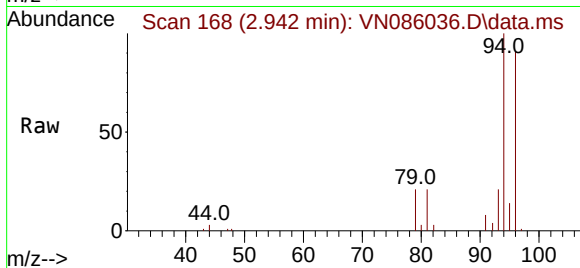




#5  
Bromomethane  
Concen: 45.803 ug/l  
RT: 2.942 min Scan# 168  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

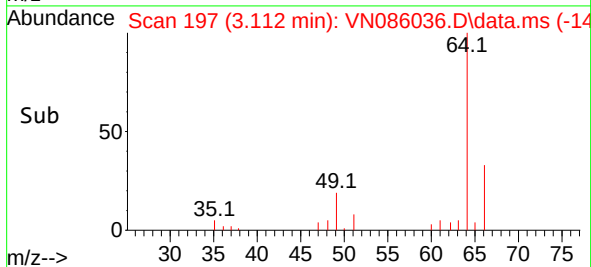
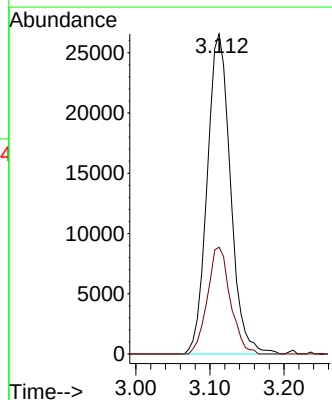
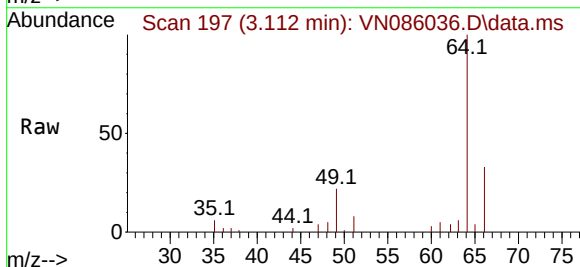
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

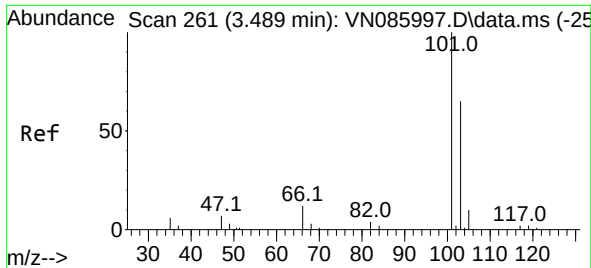
Tgt Ion: 94 Resp: 60662  
Ion Ratio Lower Upper  
94 100  
96 91.3 72.8 109.2



#6  
Chloroethane  
Concen: 47.250 ug/l  
RT: 3.112 min Scan# 197  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion: 64 Resp: 57957  
Ion Ratio Lower Upper  
64 100  
66 33.3 28.3 42.5

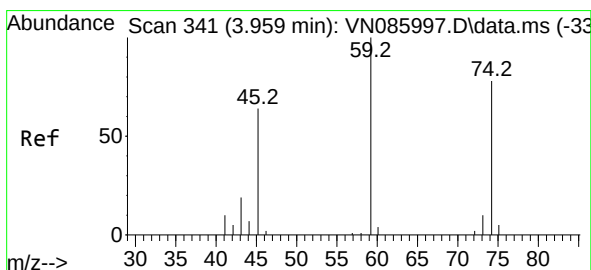
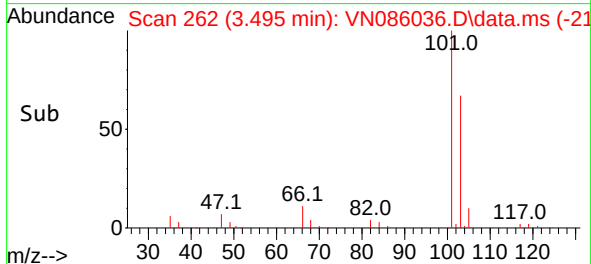
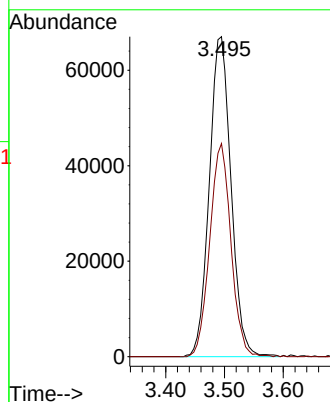
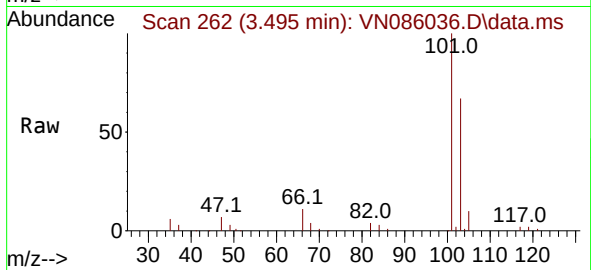




#7  
Trichlorofluoromethane  
Concen: 49.173 ug/l  
RT: 3.495 min Scan# 262  
Delta R.T. 0.006 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

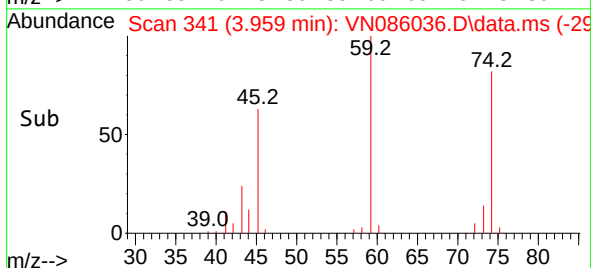
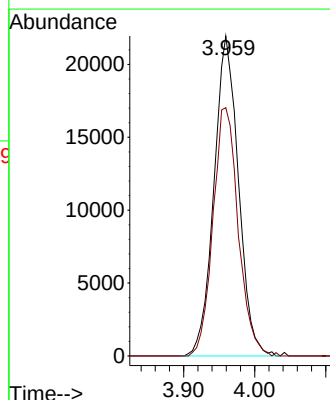
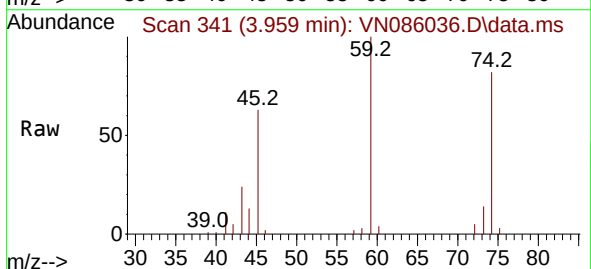
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:101 Resp: 171872  
Ion Ratio Lower Upper  
101 100  
103 66.6 51.7 77.5

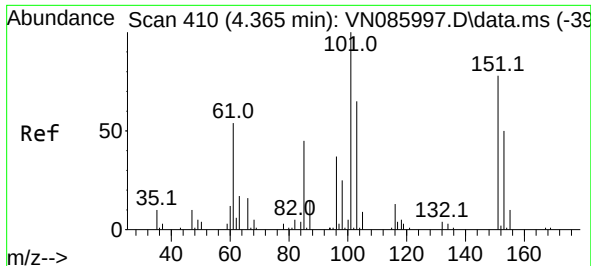


#8  
Diethyl Ether  
Concen: 48.970 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion: 74 Resp: 52398  
Ion Ratio Lower Upper  
74 100  
45 80.3 38.0 113.9



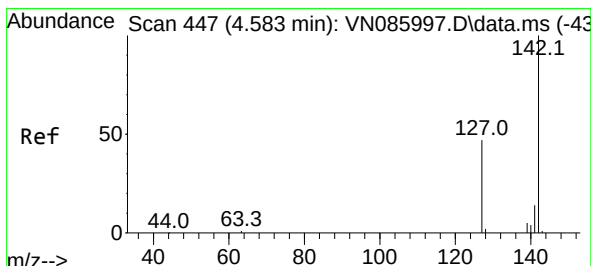
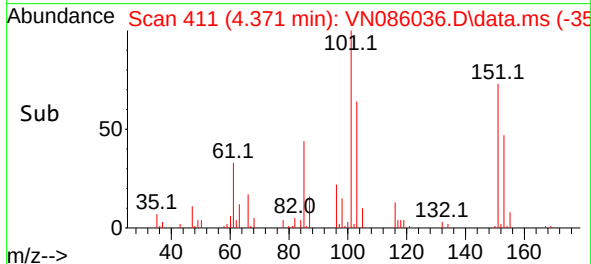
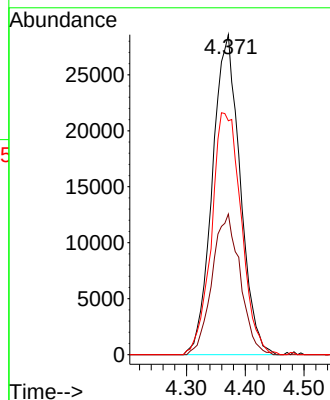
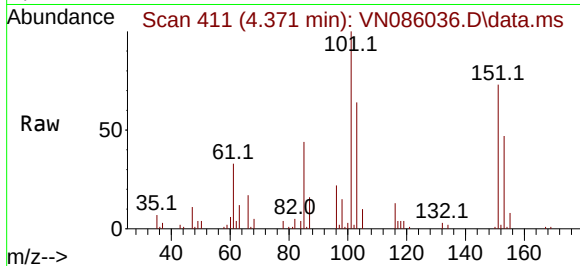




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.451 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

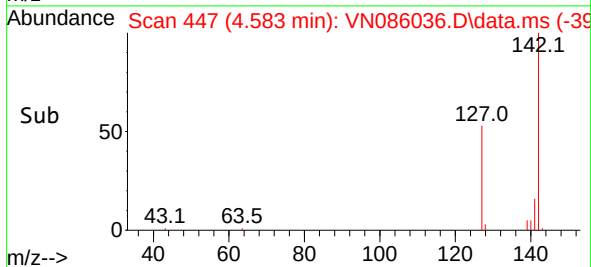
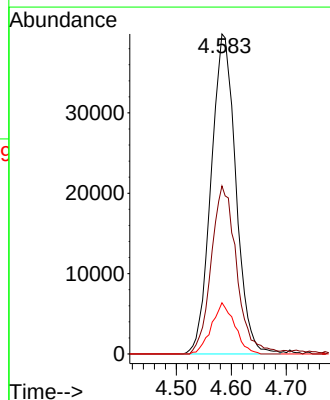
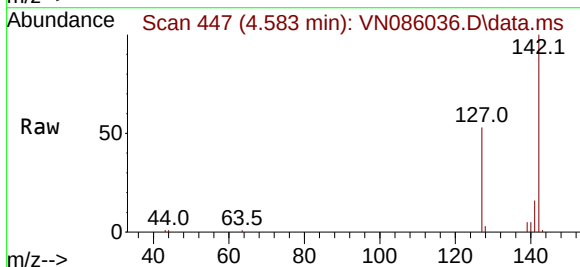
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

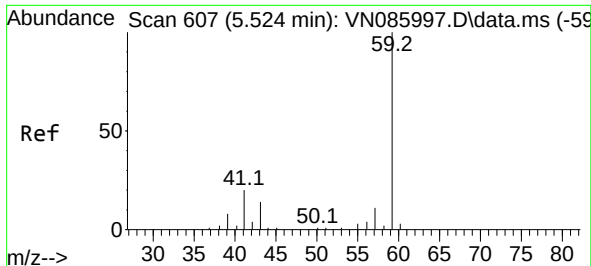
Tgt Ion:101 Resp: 93720  
Ion Ratio Lower Upper  
101 100  
85 44.4 36.5 54.7  
151 80.9 63.4 95.0



#10  
Methyl Iodide  
Concen: 51.409 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion:142 Resp: 124435  
Ion Ratio Lower Upper  
142 100  
127 52.5 37.5 56.3  
141 16.0 11.0 16.6





#11

Tert butyl alcohol

Concen: 220.580 ug/l

RT: 5.518 min Scan# 607

Delta R.T. -0.006 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Instrument :

MSVOA\_N

ClientSampleId :

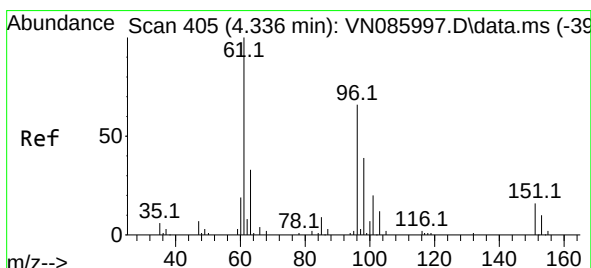
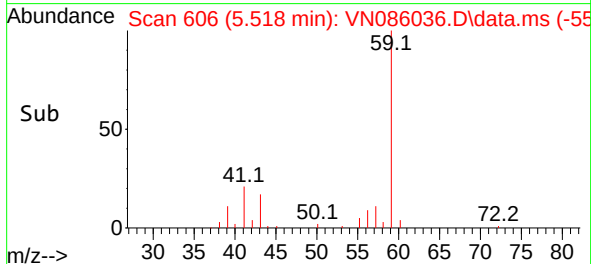
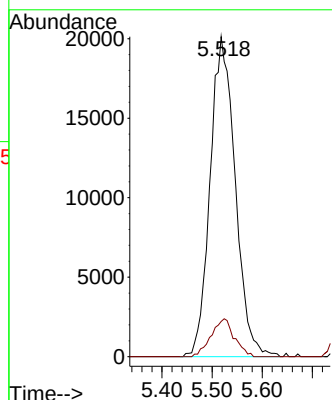
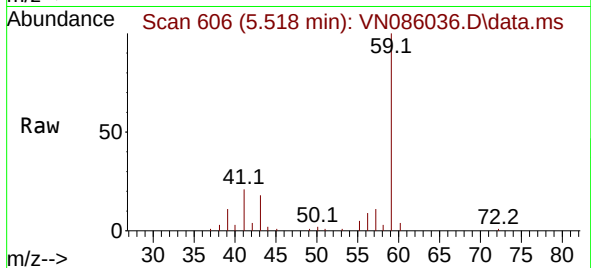
VSTDCCC050

Tgt Ion: 59 Resp: 70018

Ion Ratio Lower Upper

59 100

57 11.0 7.9 11.9



#12

1,1-Dichloroethene

Concen: 51.454 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

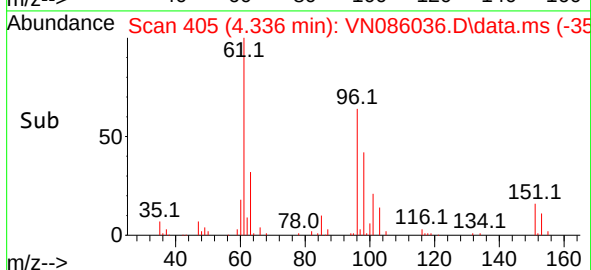
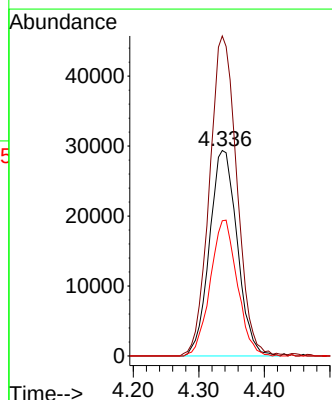
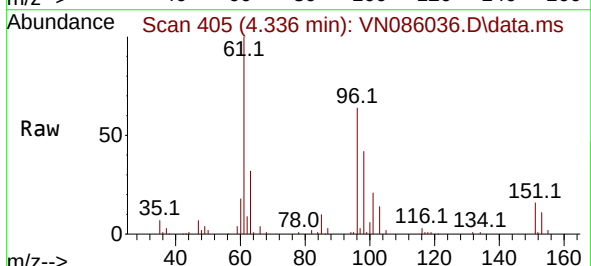
Tgt Ion: 96 Resp: 86308

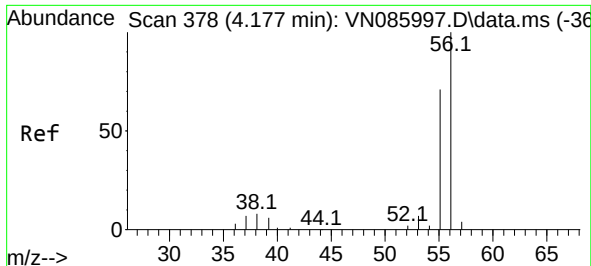
Ion Ratio Lower Upper

96 100

61 155.8 120.5 180.7

98 65.8 47.4 71.0

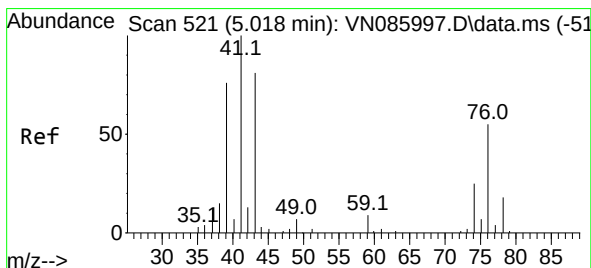
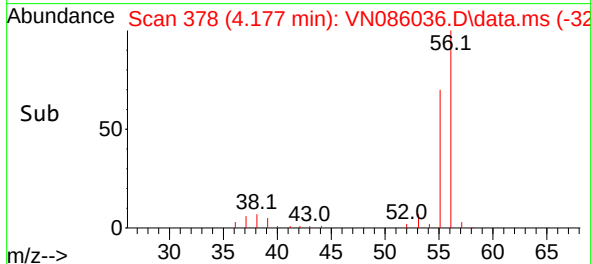
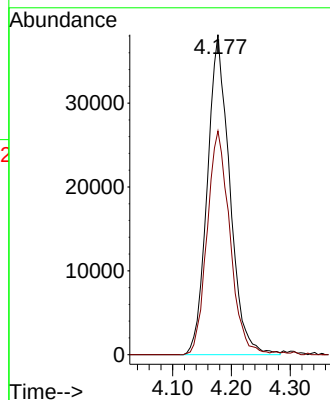
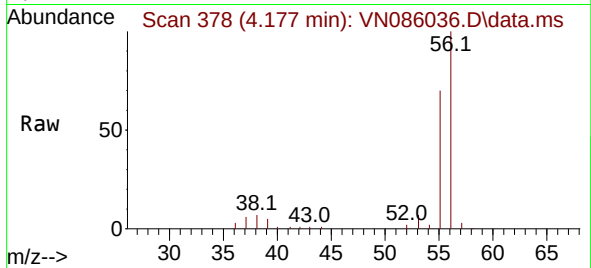




#13  
Acrolein  
Concen: 298.659 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

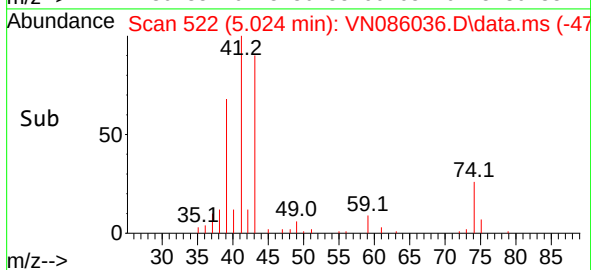
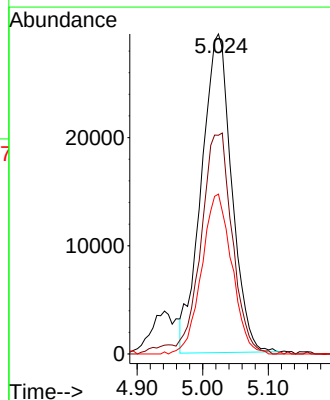
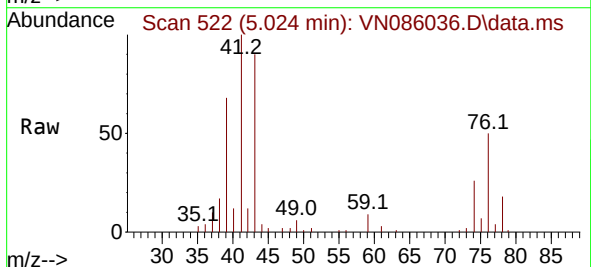
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

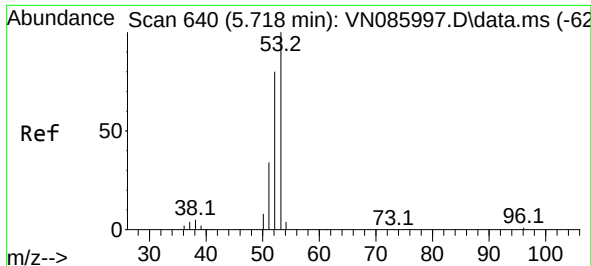
Tgt Ion: 56 Resp: 101114  
Ion Ratio Lower Upper  
56 100  
55 71.0 55.1 82.7



#14  
Allyl chloride  
Concen: 45.156 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion: 41 Resp: 94494  
Ion Ratio Lower Upper  
41 100  
39 73.1 55.5 83.3  
76 50.1 39.1 58.7

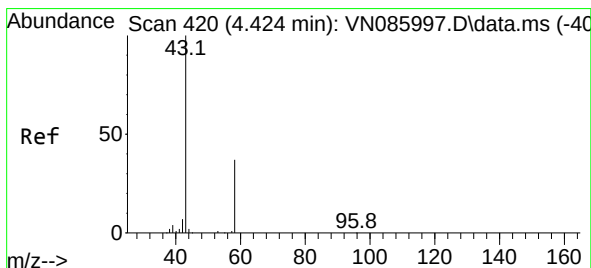
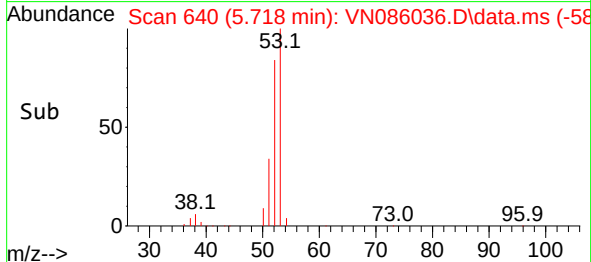
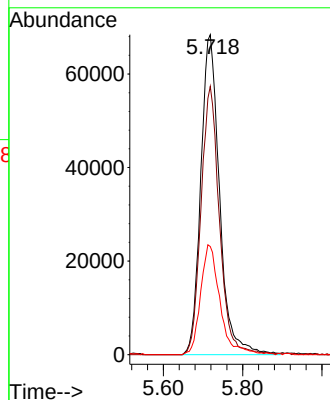
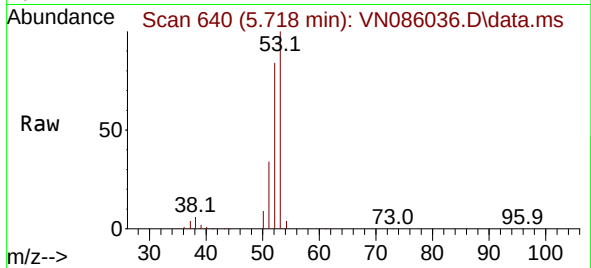




#15  
Acrylonitrile  
Concen: 268.216 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

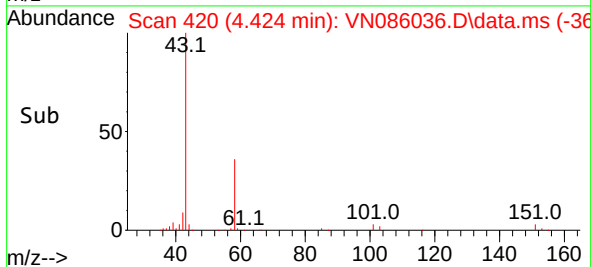
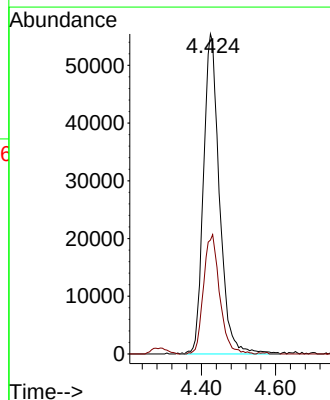
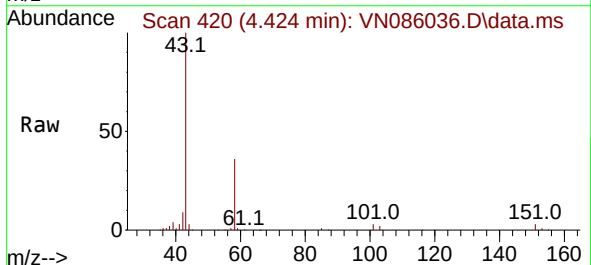
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

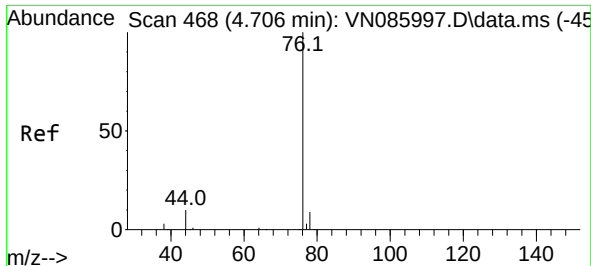
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 224851 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.3  | 63.9  | 95.9   |
| 51       | 35.6  | 27.1  | 40.7   |



#16  
Acetone  
Concen: 242.610 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 166176 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 35.6  | 29.4  | 44.2   |

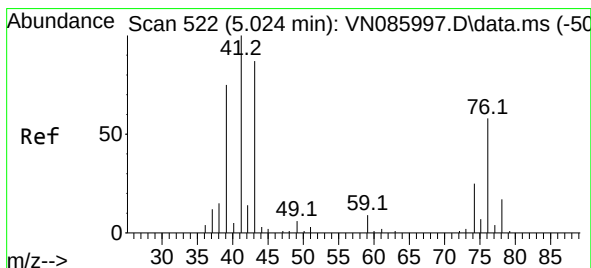
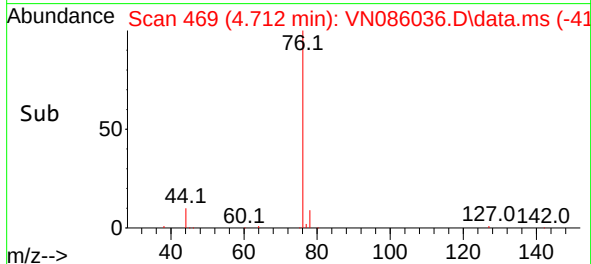
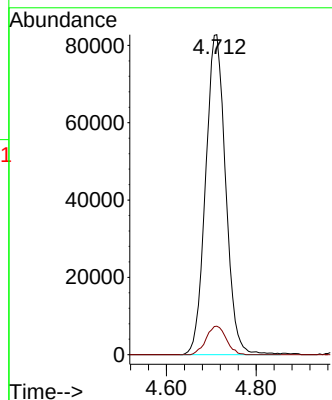
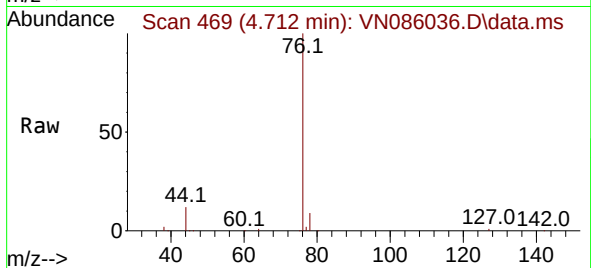




#17  
Carbon Disulfide  
Concen: 46.522 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.006 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

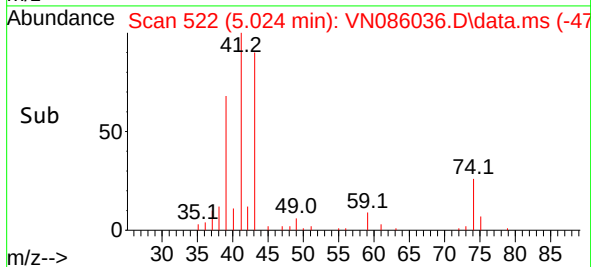
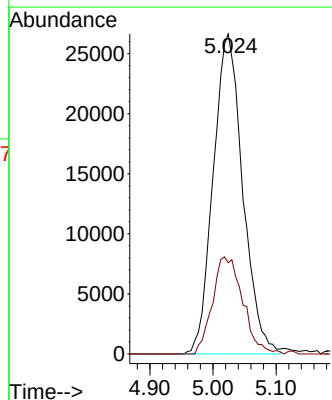
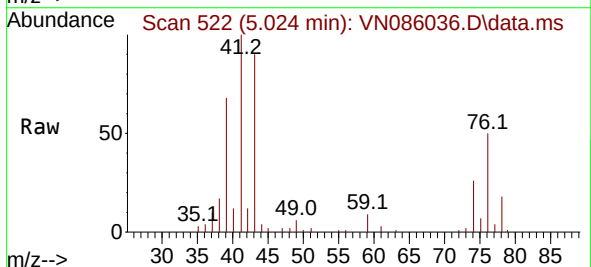
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

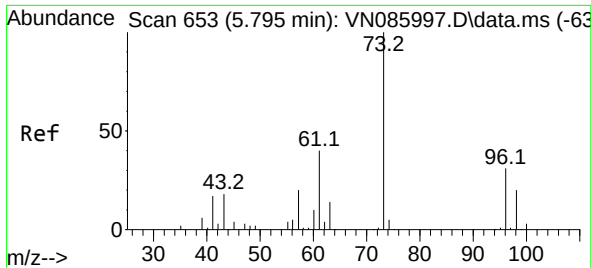
Tgt Ion: 76 Resp: 256633  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.2



#18  
Methyl Acetate  
Concen: 51.059 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion: 43 Resp: 86528  
Ion Ratio Lower Upper  
43 100  
74 31.0 23.9 35.9

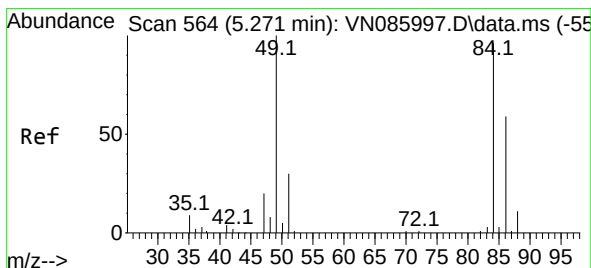
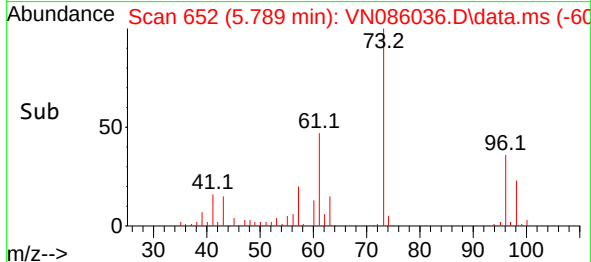
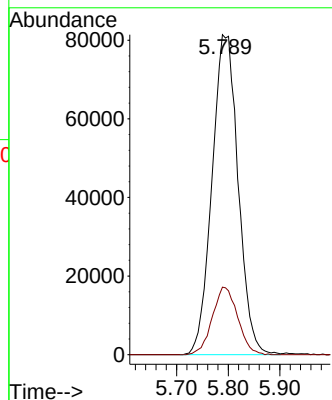
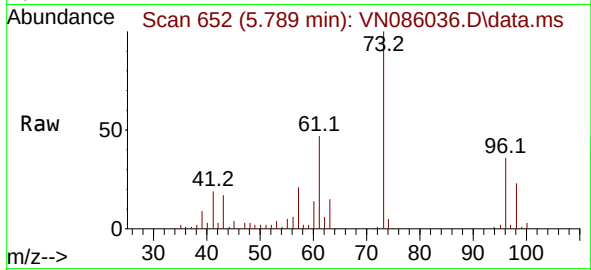




#19  
Methyl tert-butyl Ether  
Concen: 52.112 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

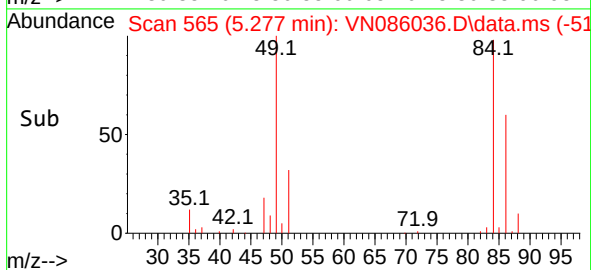
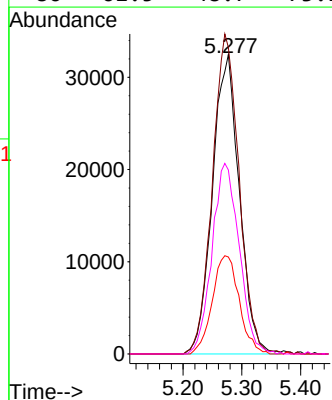
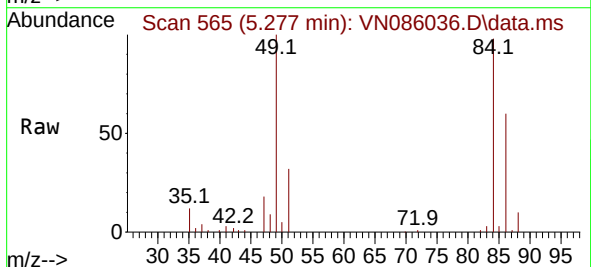
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

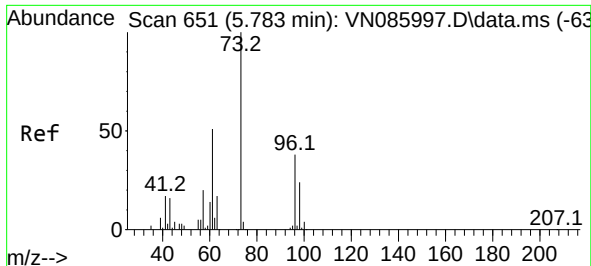
Tgt Ion: 73 Resp: 286440  
Ion Ratio Lower Upper  
73 100  
57 21.1 16.1 24.1



#20  
Methylene Chloride  
Concen: 51.442 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion: 84 Resp: 103078  
Ion Ratio Lower Upper  
84 100  
49 102.4 83.3 124.9  
51 32.4 24.8 37.2  
86 61.5 48.7 73.1

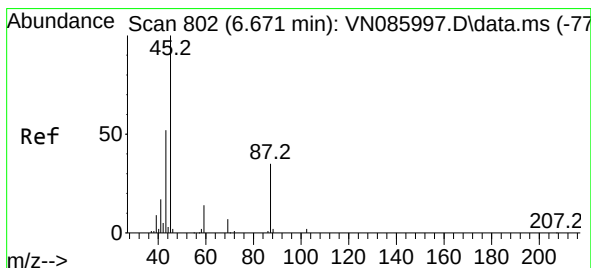
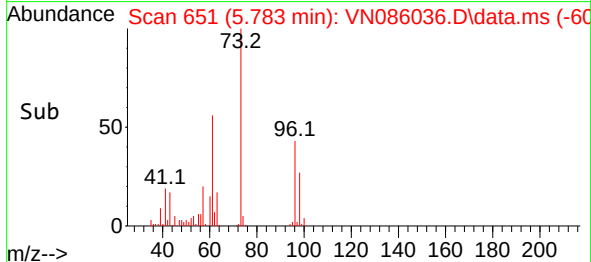
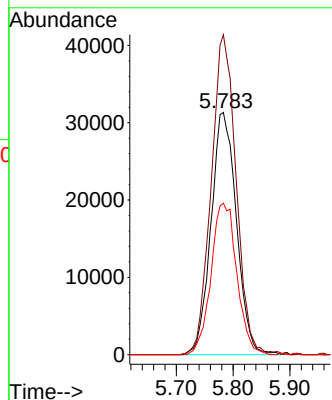
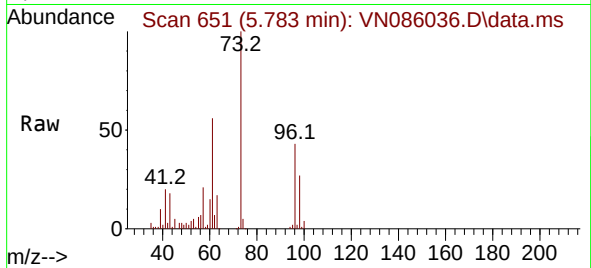




#21  
trans-1,2-Dichloroethene  
Concen: 53.087 ug/l  
RT: 5.783 min Scan# 651  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

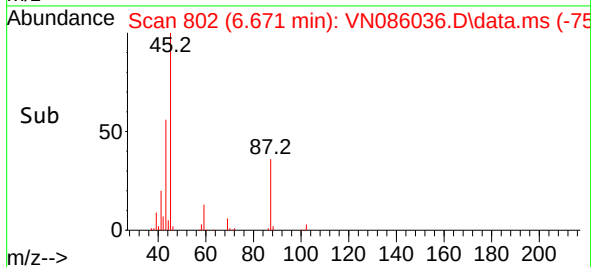
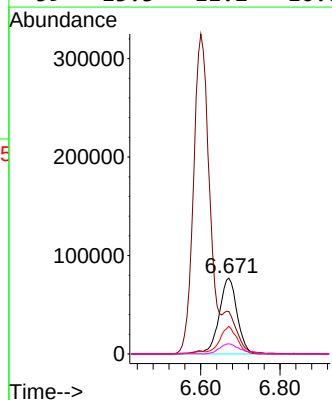
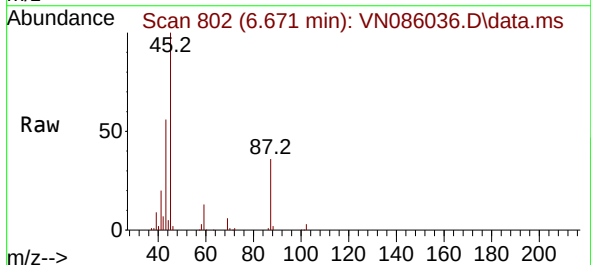
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

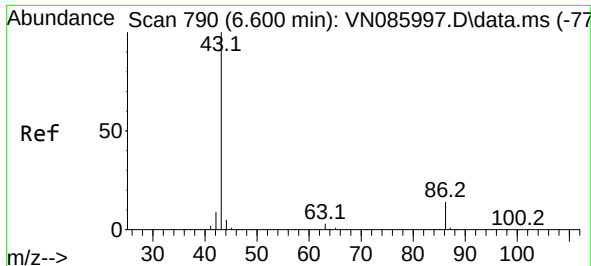
Tgt Ion: 96 Resp: 97315  
Ion Ratio Lower Upper  
96 100  
61 132.1 106.6 160.0  
98 62.6 50.0 75.0



#22  
Diisopropyl ether  
Concen: 55.115 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion: 45 Resp: 245779  
Ion Ratio Lower Upper  
45 100  
43 55.5 41.2 61.8  
87 36.5 28.5 42.7  
59 13.3 11.2 16.8

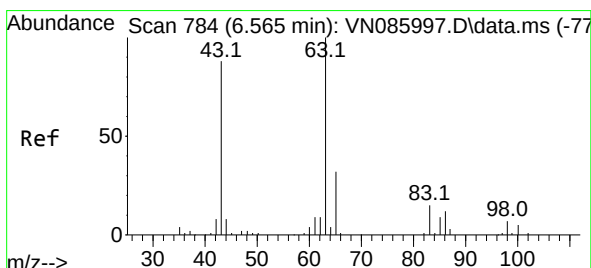
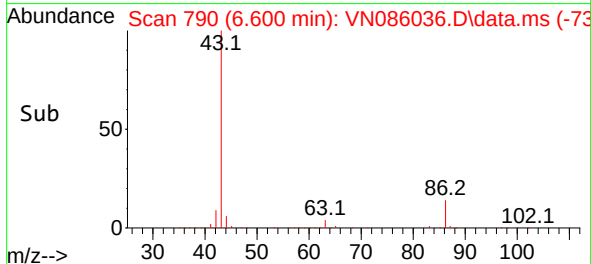
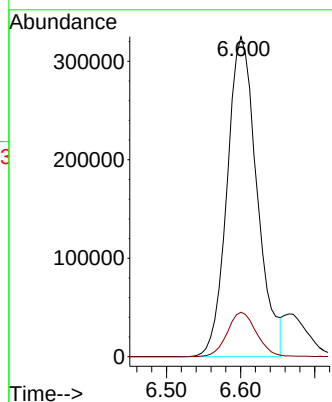
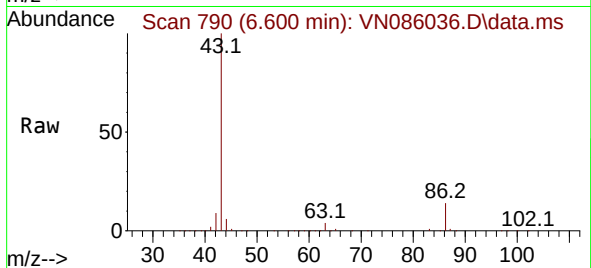




#23  
 Vinyl Acetate  
 Concen: 269.383 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. -0.000 min  
 Lab File: VN086036.D  
 Acq: 21 Mar 2025 13:17

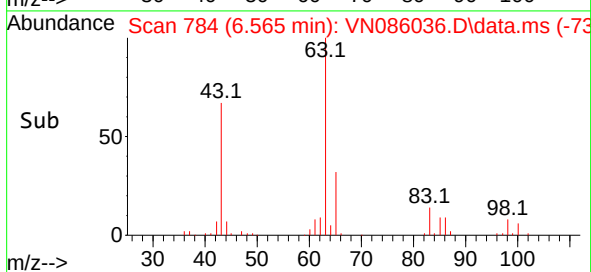
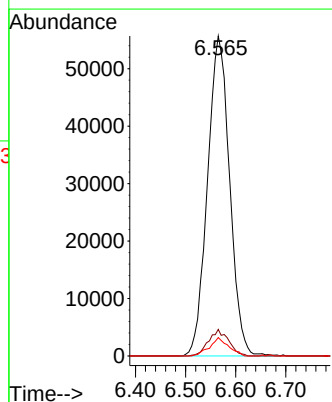
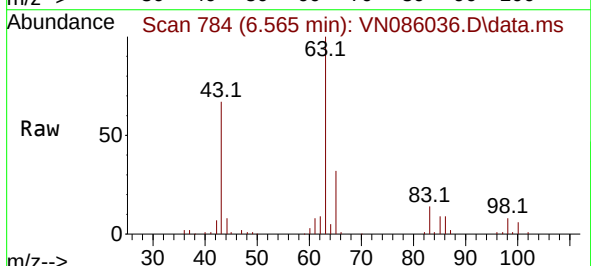
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 910646  
 Ion Ratio Lower Upper  
 43 100  
 86 13.9 11.2 16.8

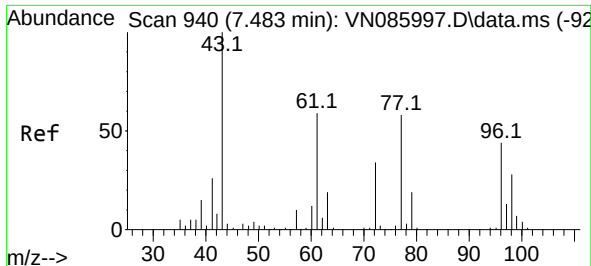


#24  
 1,1-Dichloroethane  
 Concen: 52.098 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. -0.000 min  
 Lab File: VN086036.D  
 Acq: 21 Mar 2025 13:17

Tgt Ion: 63 Resp: 170839  
 Ion Ratio Lower Upper  
 63 100  
 98 8.3 3.6 10.9  
 100 5.8 2.5 7.5



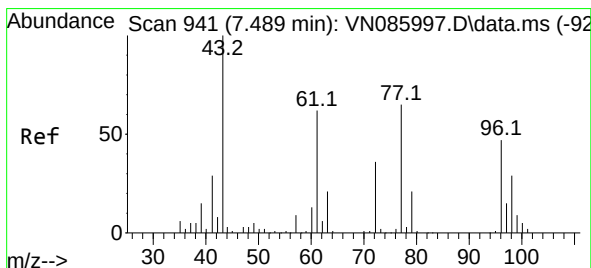
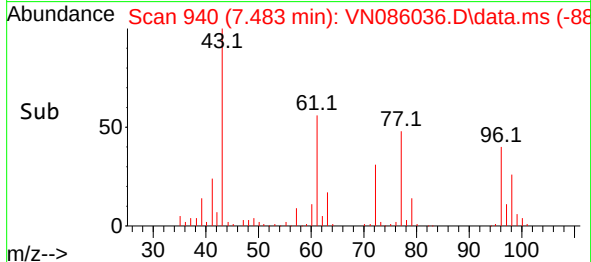
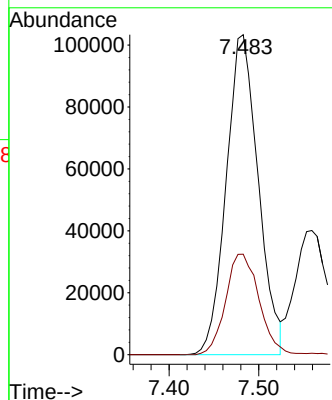
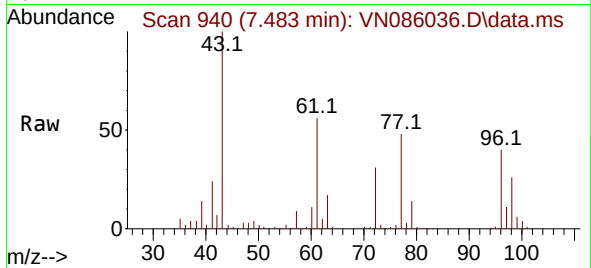




#25  
2-Butanone  
Concen: 259.016 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

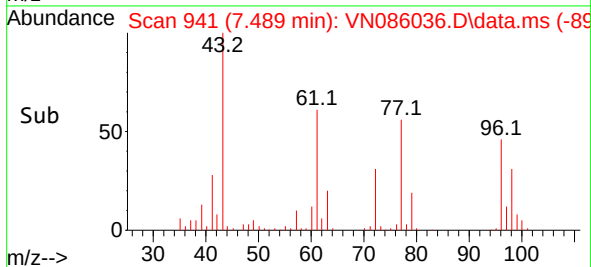
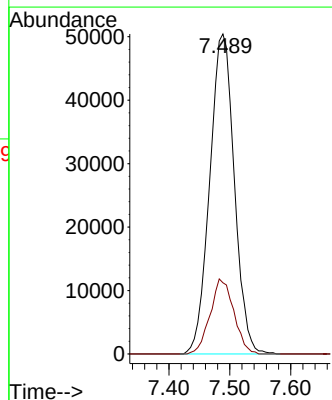
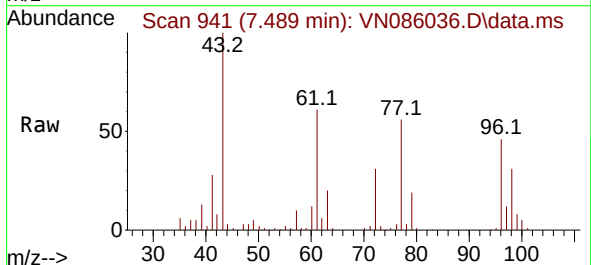
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

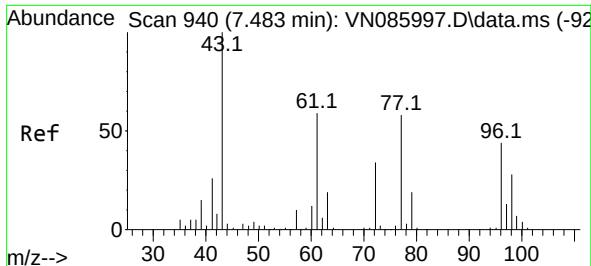
Tgt Ion: 43 Resp: 255996  
Ion Ratio Lower Upper  
43 100  
72 31.4 27.4 41.0



#26  
2,2-Dichloropropane  
Concen: 44.769 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion: 77 Resp: 141339  
Ion Ratio Lower Upper  
77 100  
97 22.6 11.2 33.5

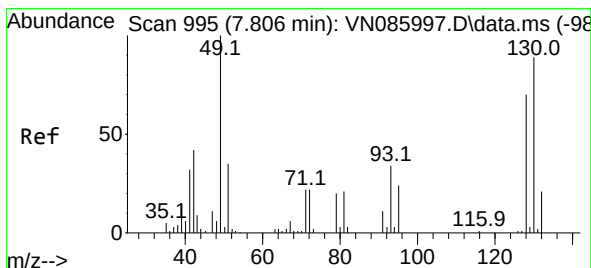
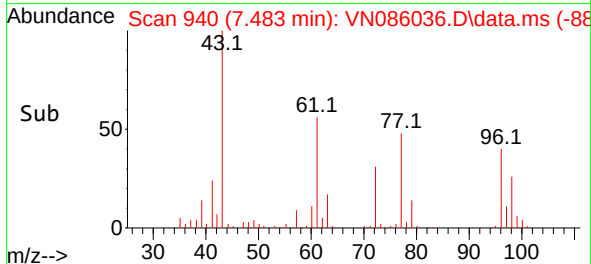
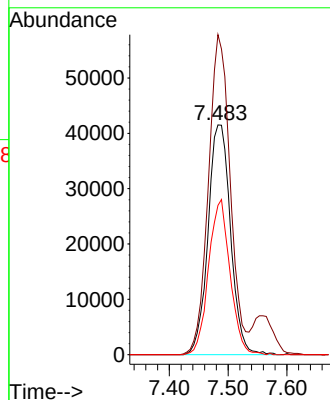
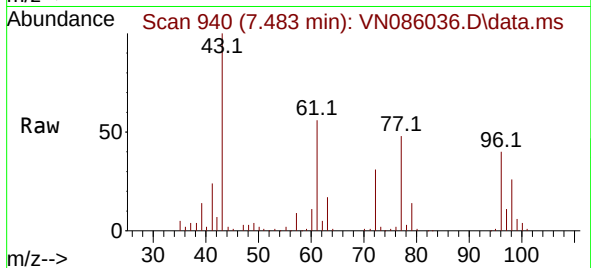




#27  
 cis-1,2-Dichloroethene  
 Concen: 53.148 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. -0.000 min  
 Lab File: VN086036.D  
 Acq: 21 Mar 2025 13:17

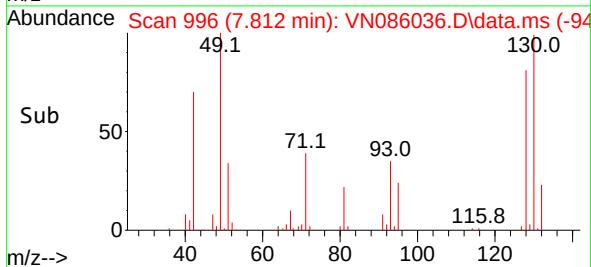
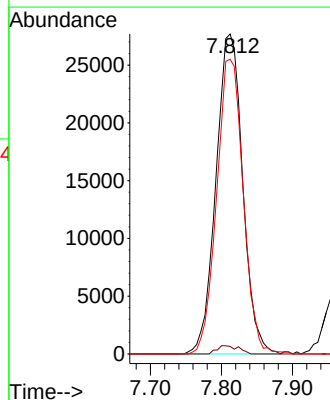
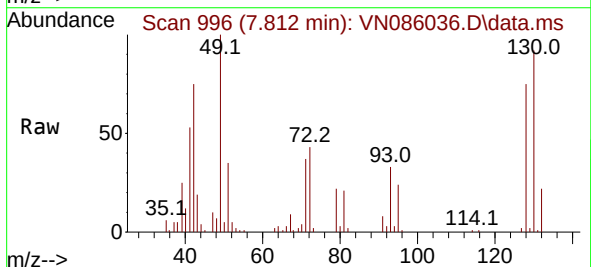
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

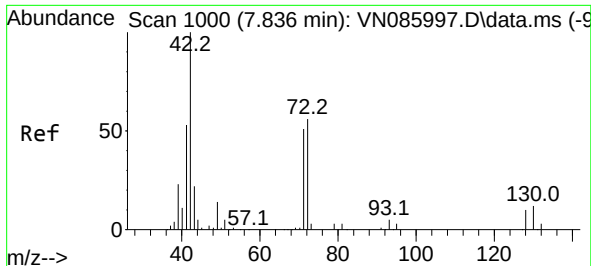
Tgt Ion: 96 Resp: 110714  
 Ion Ratio Lower Upper  
 96 100  
 61 135.3 0.0 272.8  
 98 64.3 0.0 124.8



#28  
 Bromochloromethane  
 Concen: 52.060 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.006 min  
 Lab File: VN086036.D  
 Acq: 21 Mar 2025 13:17

Tgt Ion: 49 Resp: 72328  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 4.2  
 130 91.4 74.2 111.4





#29

Tetrahydrofuran

Concen: 287.713 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

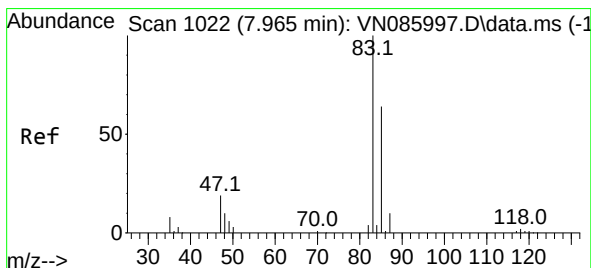
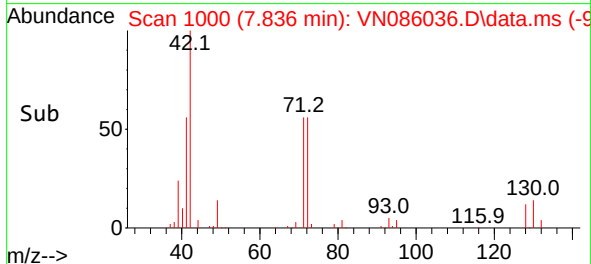
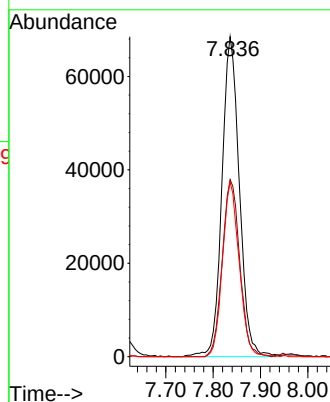
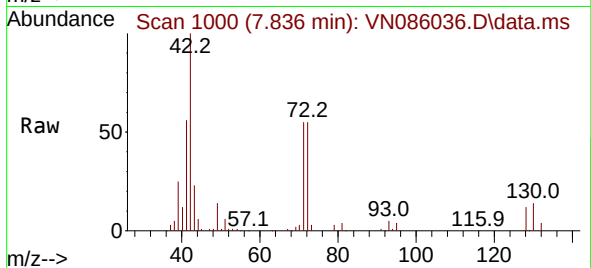
Tgt Ion: 42 Resp: 175553

Ion Ratio Lower Upper

42 100

72 55.3 45.0 67.4

71 52.2 41.9 62.9



#30

Chloroform

Concen: 52.484 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086036.D

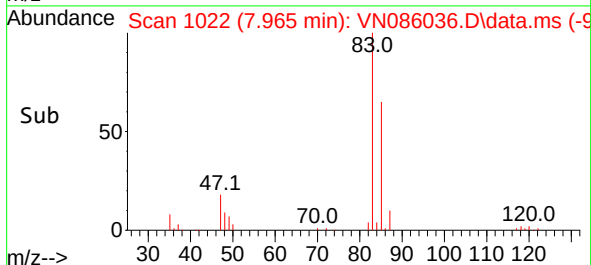
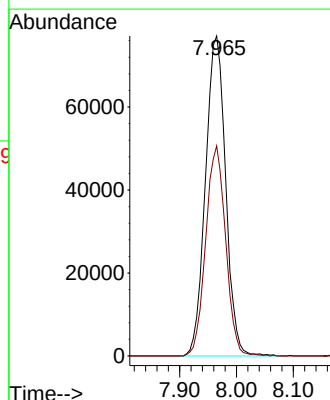
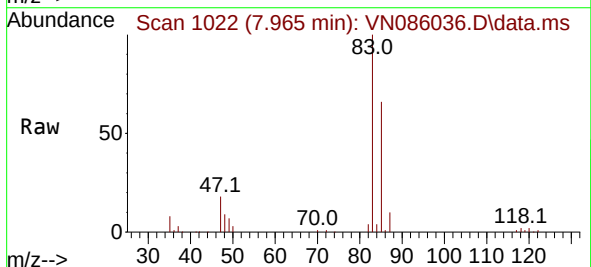
Acq: 21 Mar 2025 13:17

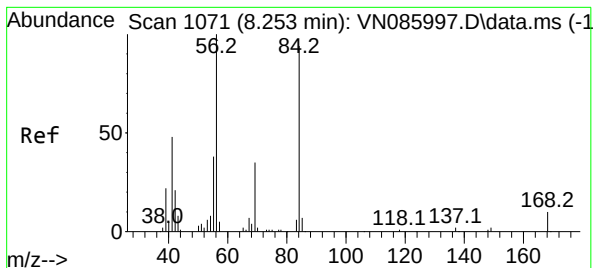
Tgt Ion: 83 Resp: 190234

Ion Ratio Lower Upper

83 100

85 65.7 51.5 77.3





#31

Cyclohexane

Concen: 48.341 ug/l

RT: 8.259 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

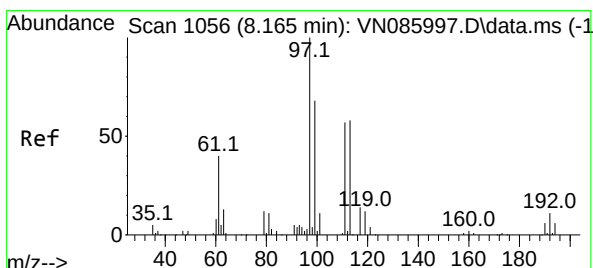
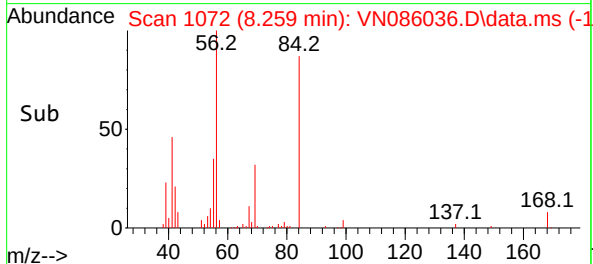
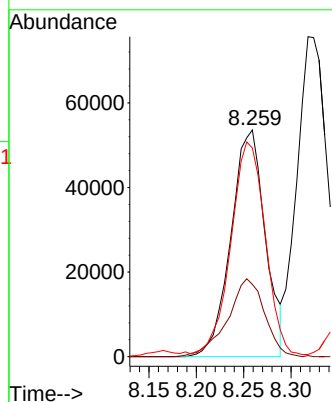
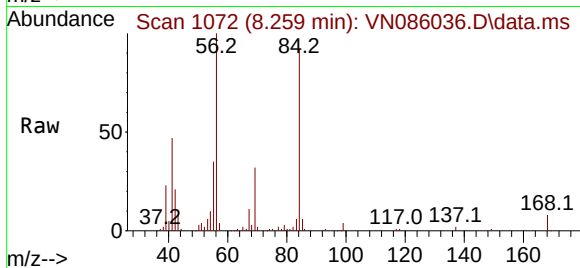
Tgt Ion: 56 Resp: 135044

Ion Ratio Lower Upper

56 100

69 31.6 28.0 42.0

84 90.6 75.0 112.6



#32

1,1,1-Trichloroethane

Concen: 52.050 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

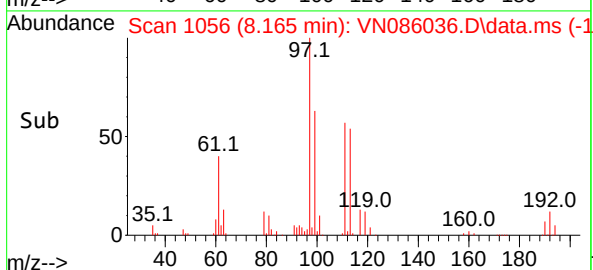
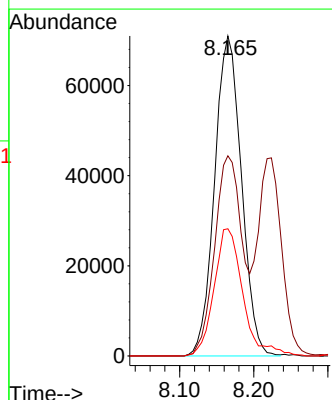
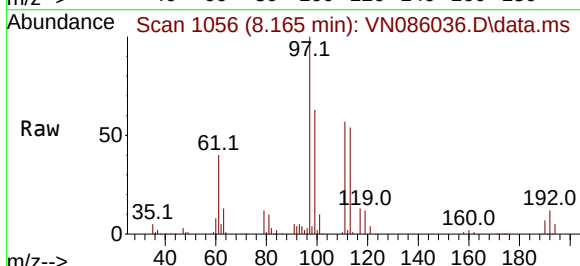
Tgt Ion: 97 Resp: 178584

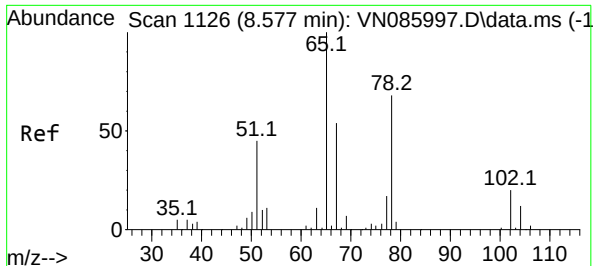
Ion Ratio Lower Upper

97 100

99 64.2 52.8 79.2

61 42.6 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 51.319 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Instrument :

MSVOA\_N

ClientSampleId :

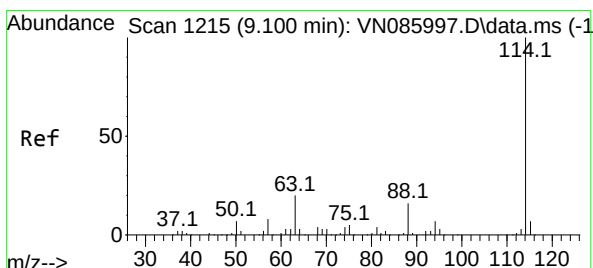
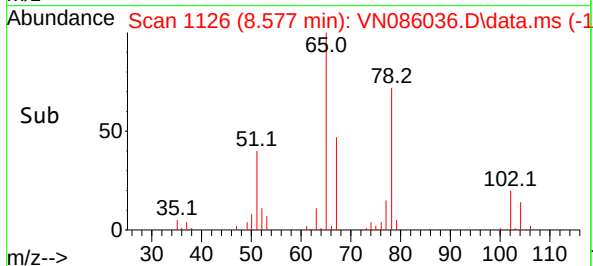
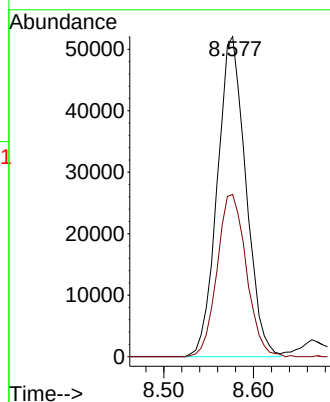
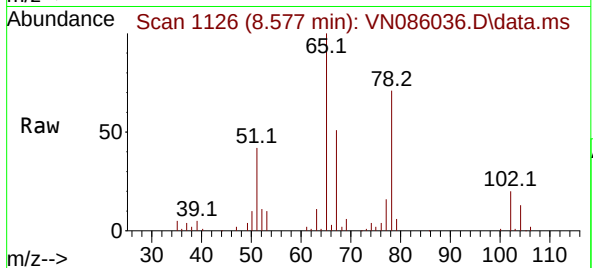
VSTDCCC050

Tgt Ion: 65 Resp: 115057

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

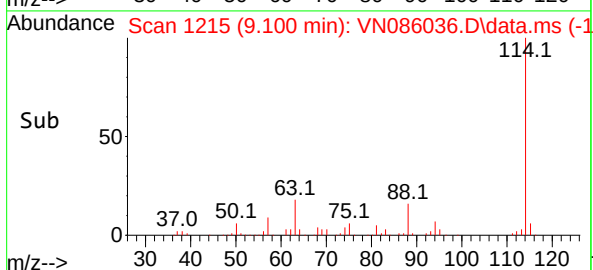
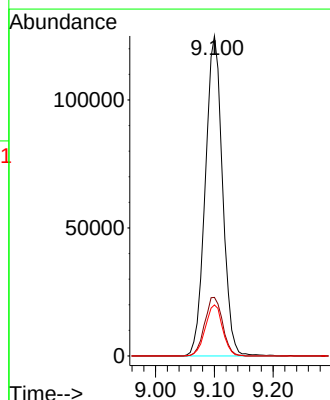
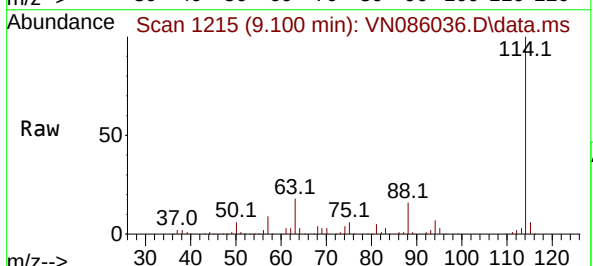
Tgt Ion: 114 Resp: 253523

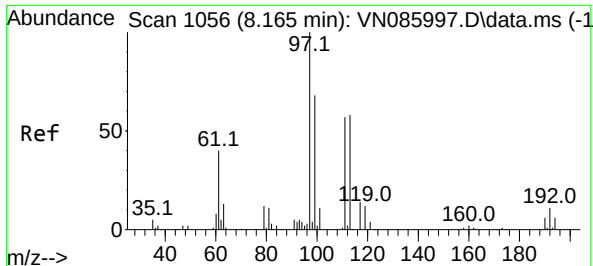
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.837 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

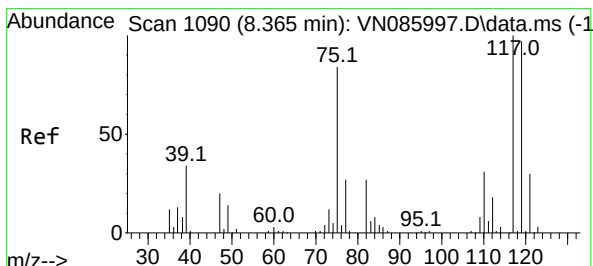
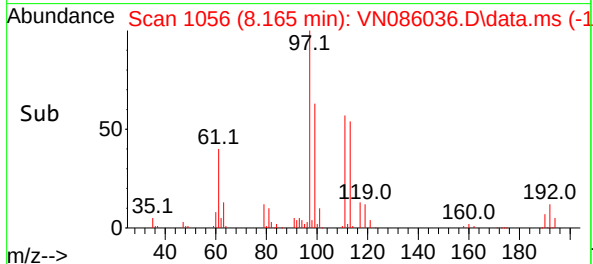
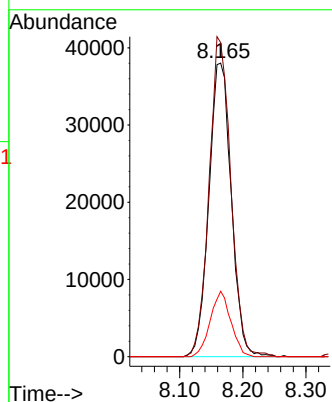
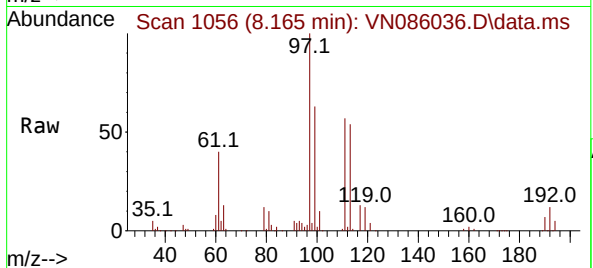
Tgt Ion:113 Resp: 93499

Ion Ratio Lower Upper

113 100

111 105.8 81.8 122.8

192 20.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 55.488 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

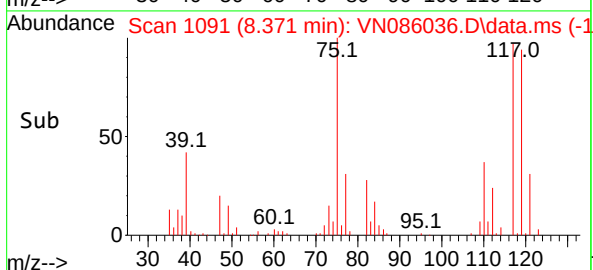
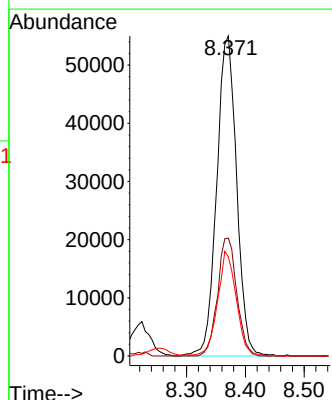
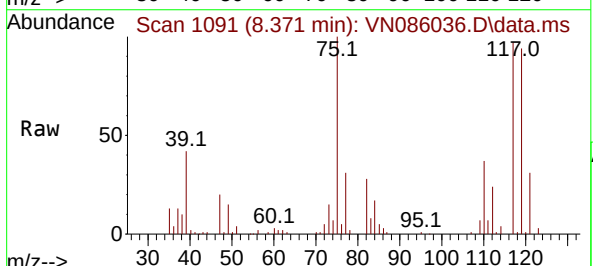
Tgt Ion: 75 Resp: 129290

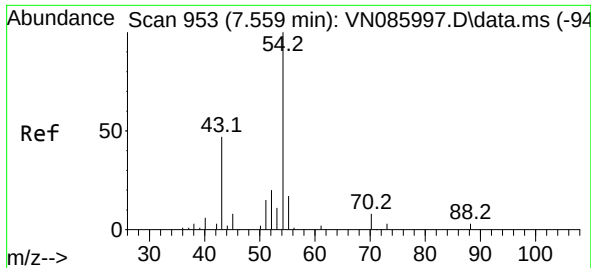
Ion Ratio Lower Upper

75 100

110 35.6 17.8 53.3

77 30.6 25.0 37.4

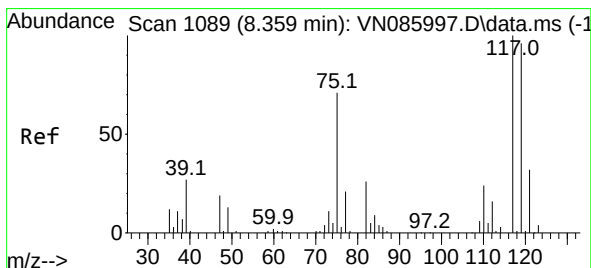
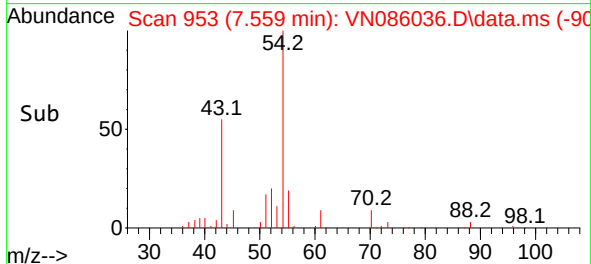
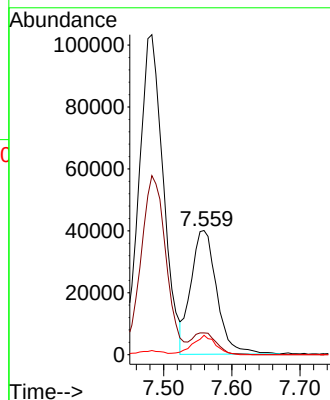
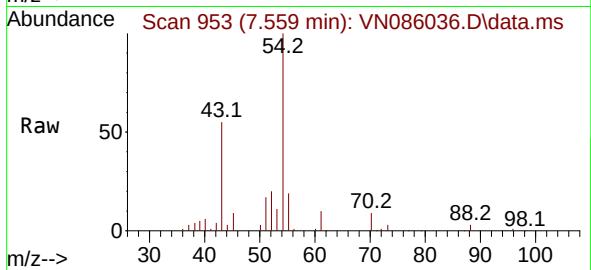




#37  
Ethyl Acetate  
Concen: 53.471 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

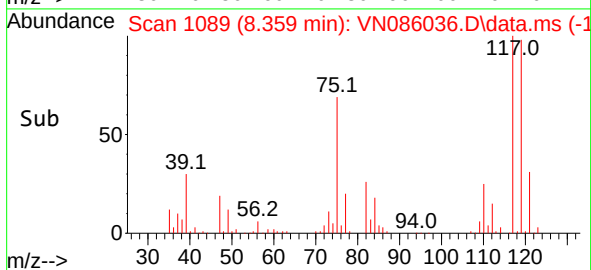
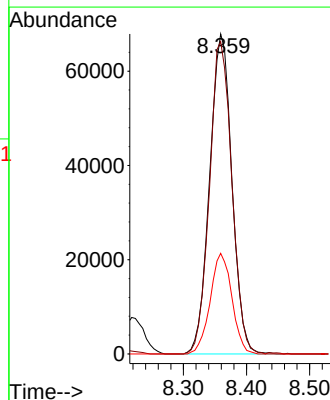
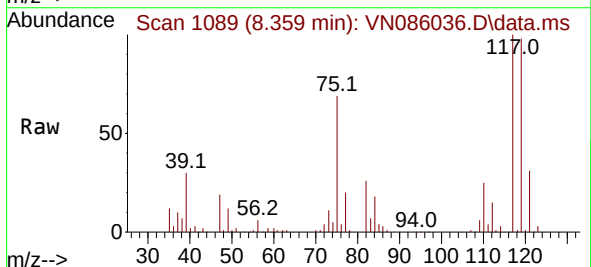
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

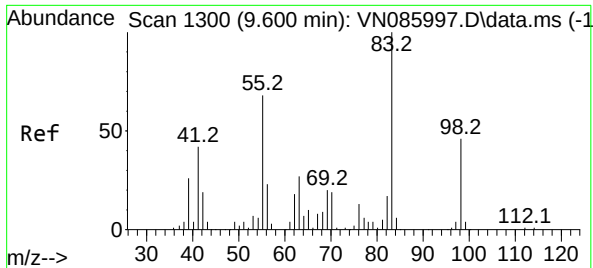
Tgt Ion: 43 Resp: 105111  
Ion Ratio Lower Upper  
43 100  
61 16.2 13.0 19.4  
70 13.9 11.0 16.6



#38  
Carbon Tetrachloride  
Concen: 54.337 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion: 117 Resp: 166470  
Ion Ratio Lower Upper  
117 100  
119 97.6 77.0 115.4  
121 31.4 25.6 38.4

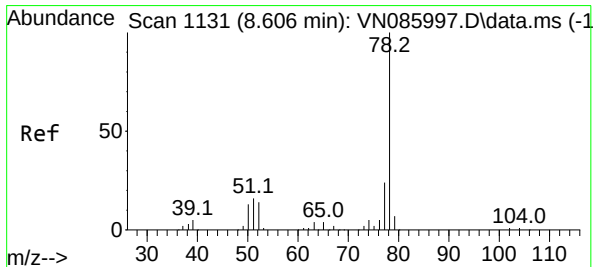
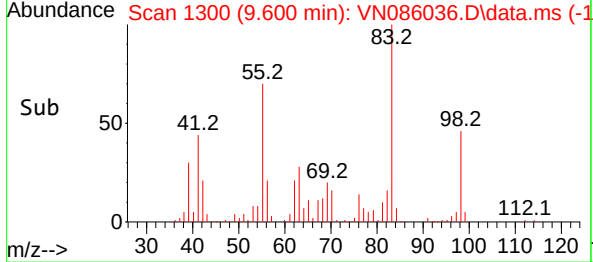
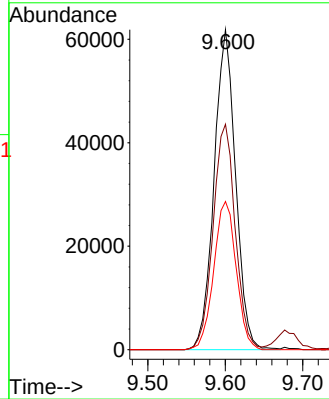
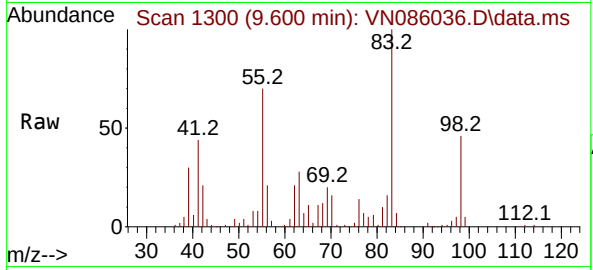




#39  
Methylcyclohexane  
Concen: 51.559 ug/l  
RT: 9.600 min Scan# 11300  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

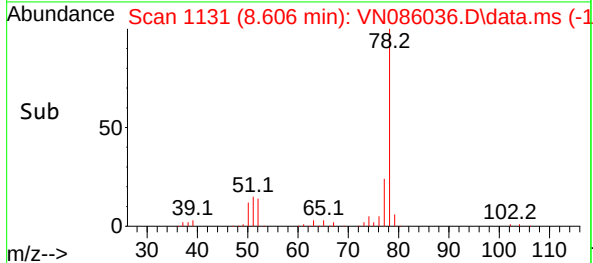
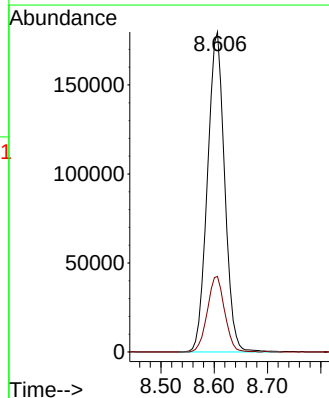
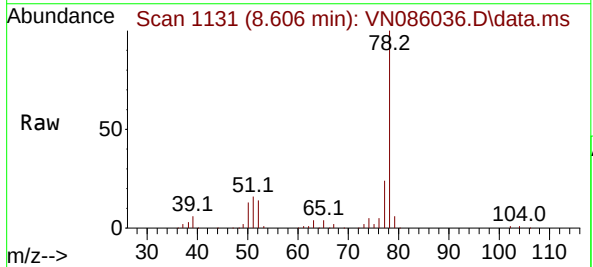
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 83 Resp: 119192  
Ion Ratio Lower Upper  
83 100  
55 70.5 54.2 81.2  
98 46.3 37.1 55.7

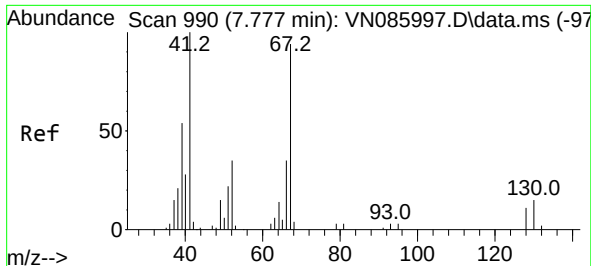


#40  
Benzene  
Concen: 54.991 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion: 78 Resp: 402242  
Ion Ratio Lower Upper  
78 100  
77 23.6 18.9 28.3



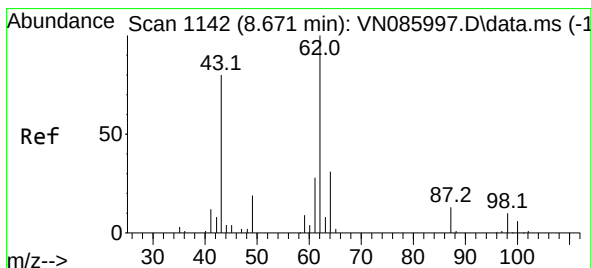
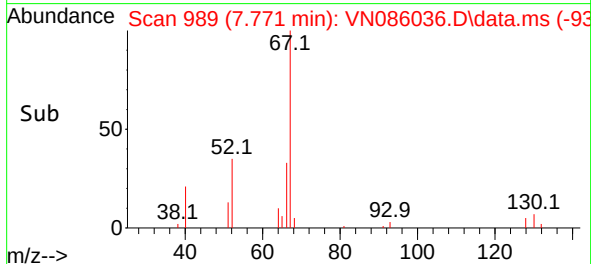
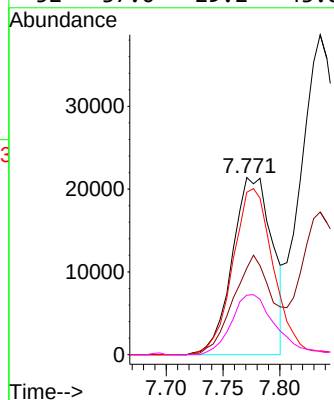
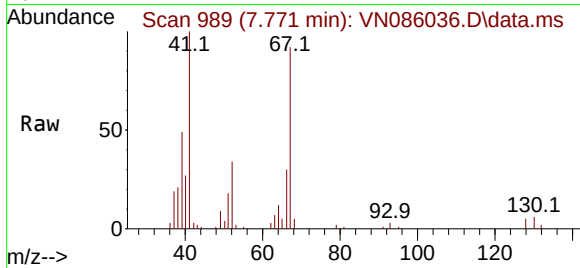




#41  
Methacrylonitrile  
Concen: 56.050 ug/l  
RT: 7.771 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

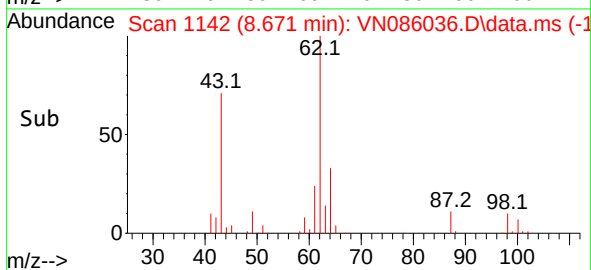
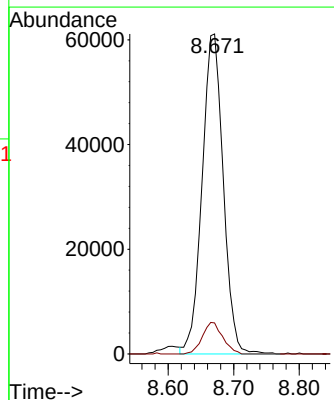
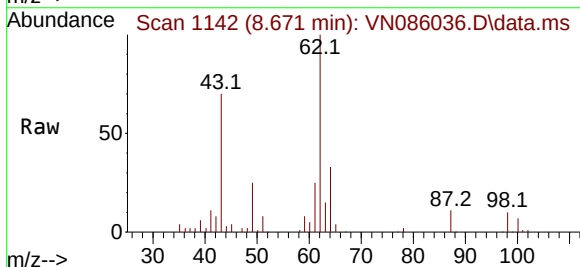
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

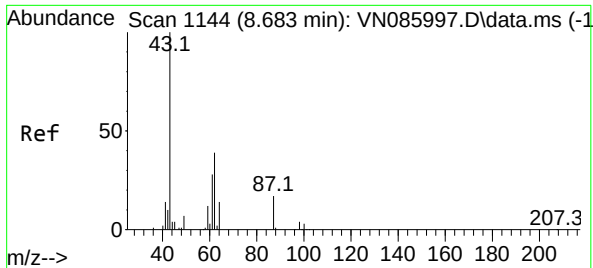
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 52611 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.9  | 46.2  | 69.2  |
| 67       | 95.9  | 75.9  | 113.9 |
| 52       | 37.0  | 29.2  | 43.8  |



#42  
1,2-Dichloroethane  
Concen: 53.919 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 137424 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.5   | 0.0   | 18.6   |

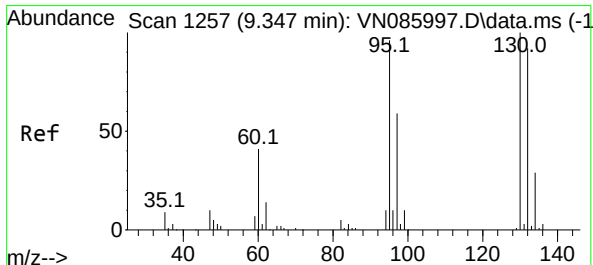
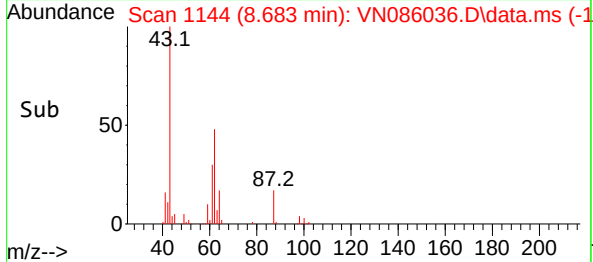
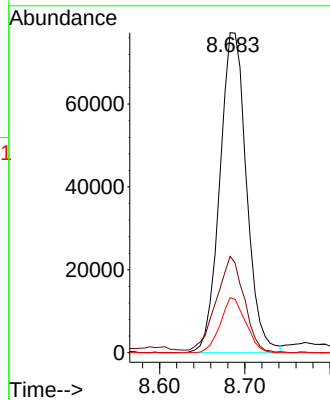
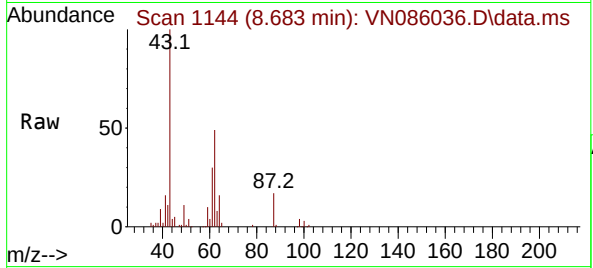




#43  
Isopropyl Acetate  
Concen: 39.485 ug/l  
RT: 8.683 min Scan# 1144  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

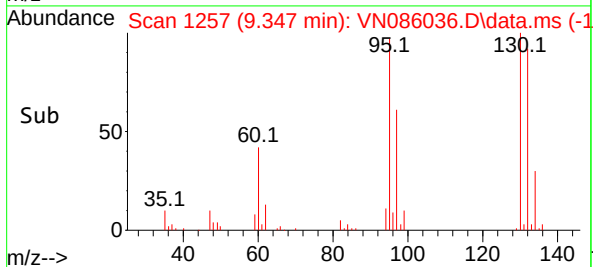
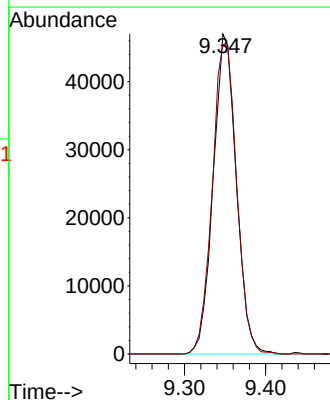
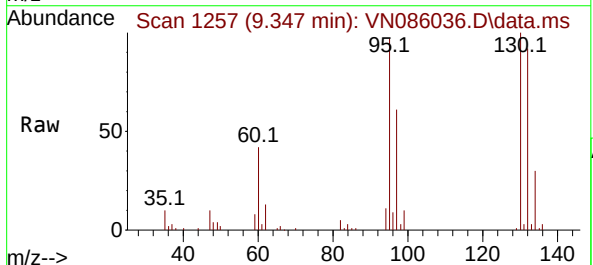
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

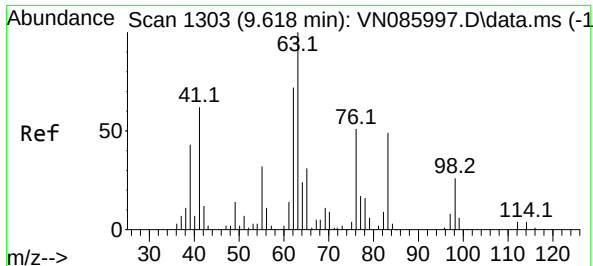
Tgt Ion: 43 Resp: 168193  
Ion Ratio Lower Upper  
43 100  
61 31.8 25.0 37.6  
87 16.2 13.0 19.4



#44  
Trichloroethene  
Concen: 49.010 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion:130 Resp: 92913  
Ion Ratio Lower Upper  
130 100  
95 96.7 0.0 191.6





#45

1,2-Dichloropropane

Concen: 56.763 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Instrument :

MSVOA\_N

ClientSampleId :

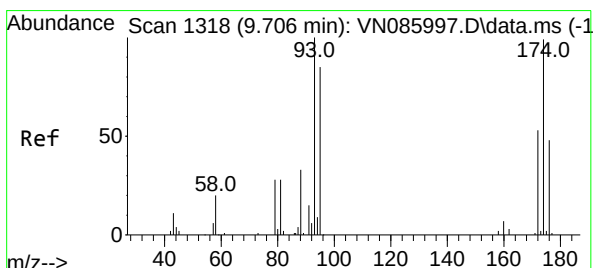
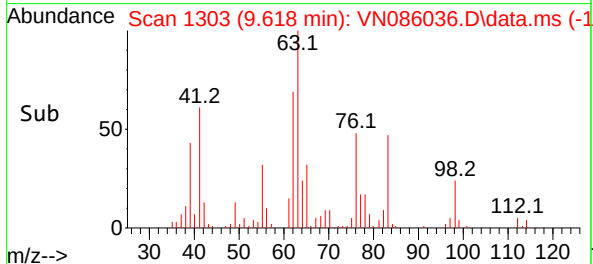
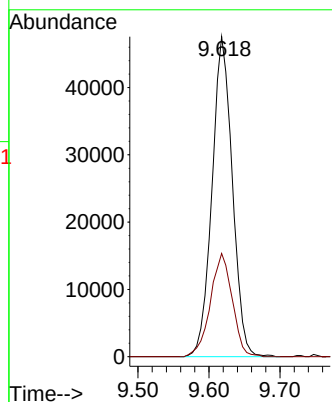
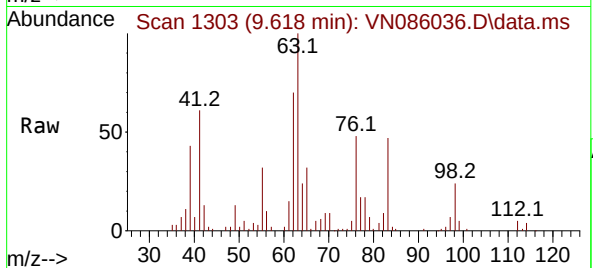
VSTDCCC050

Tgt Ion: 63 Resp: 94435

Ion Ratio Lower Upper

63 100

65 32.3 24.7 37.1



#46

Dibromomethane

Concen: 55.453 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

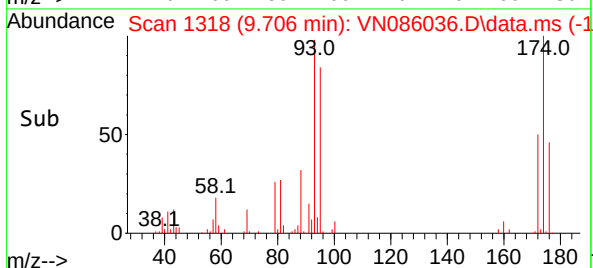
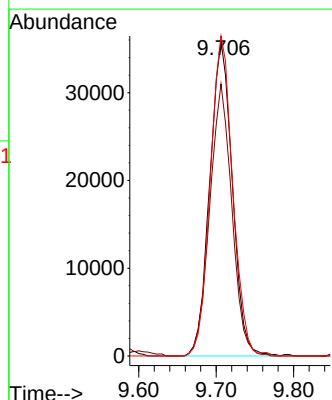
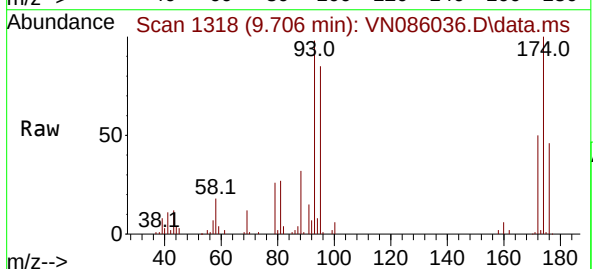
Tgt Ion: 93 Resp: 72553

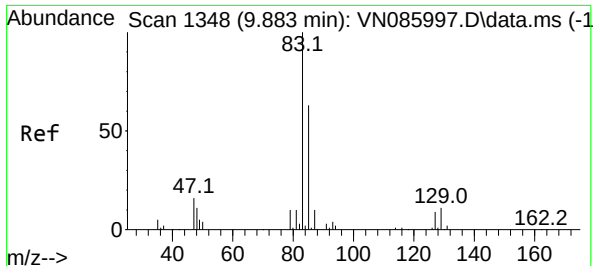
Ion Ratio Lower Upper

93 100

95 84.8 66.2 99.2

174 101.2 80.1 120.1

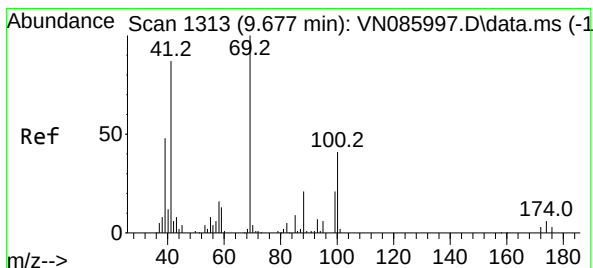
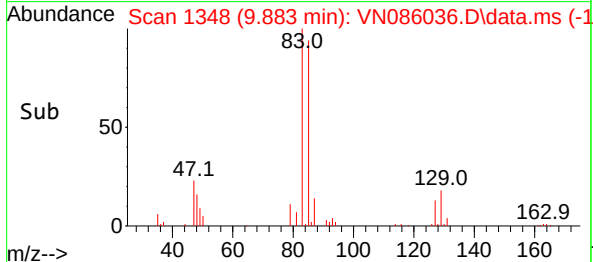
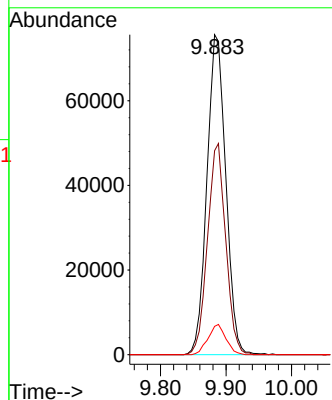
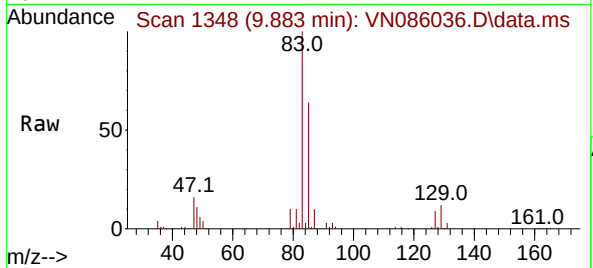




#47  
Bromodichloromethane  
Concen: 55.298 ug/l  
RT: 9.883 min Scan# 1348  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

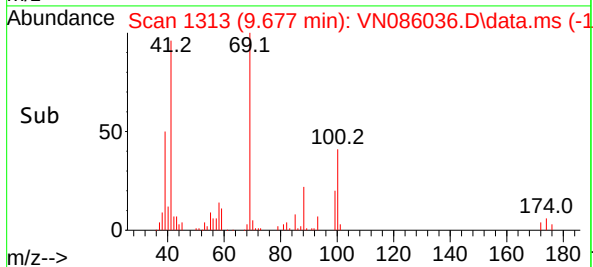
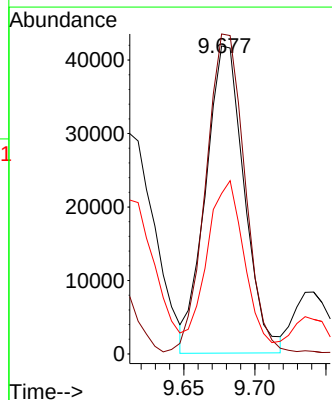
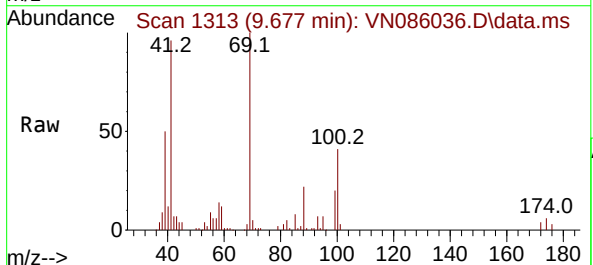
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

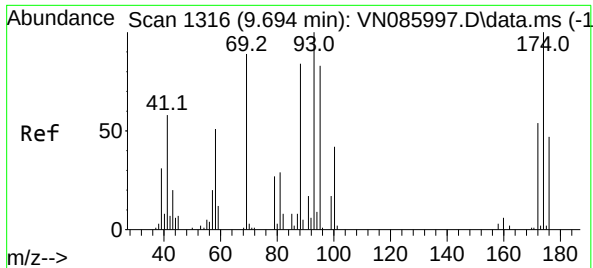
Tgt Ion: 83 Resp: 151208  
Ion Ratio Lower Upper  
83 100  
85 63.8 50.2 75.2  
127 8.9 7.1 10.7



#48  
Methyl methacrylate  
Concen: 56.338 ug/l  
RT: 9.677 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion: 41 Resp: 79191  
Ion Ratio Lower Upper  
41 100  
69 106.1 83.1 124.7  
39 56.0 45.6 68.4





#49

1,4-Dioxane

Concen: 1154.720 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

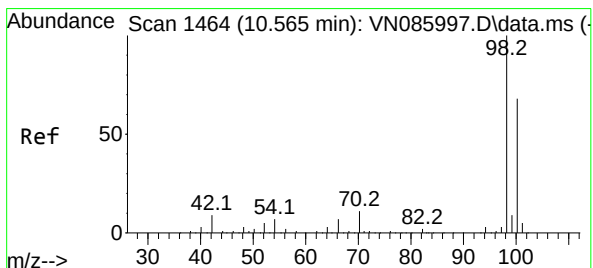
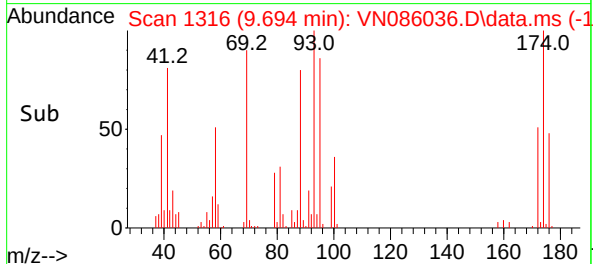
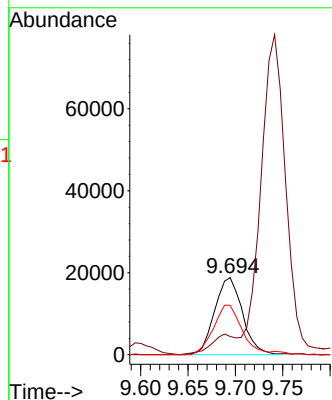
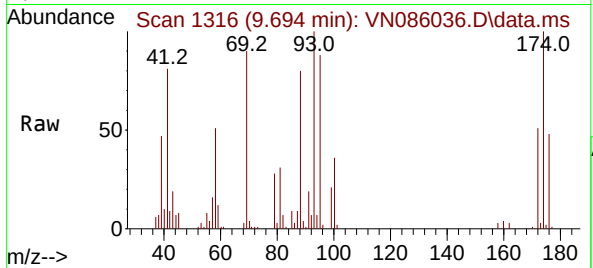
Tgt Ion: 88 Resp: 38370

Ion Ratio Lower Upper

88 100

43 22.9 21.7 32.5

58 68.1 50.4 75.6



#50

Toluene-d8

Concen: 56.032 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086036.D

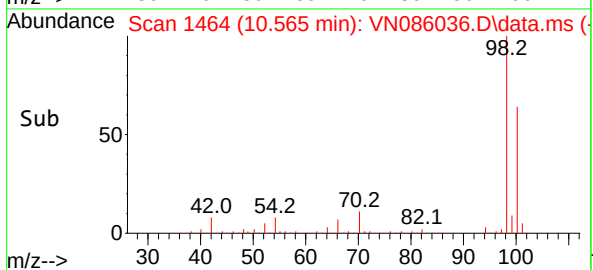
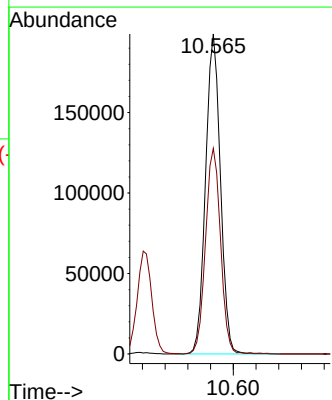
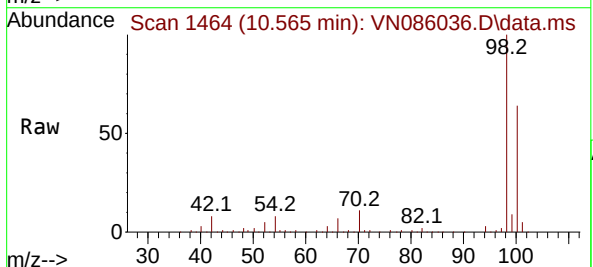
Acq: 21 Mar 2025 13:17

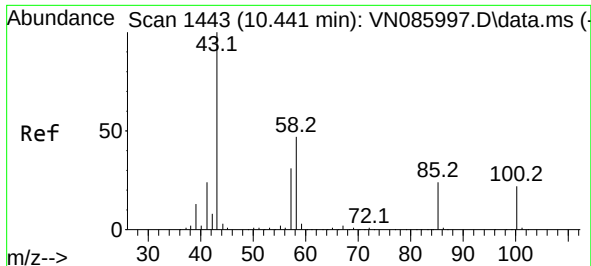
Tgt Ion: 98 Resp: 359851

Ion Ratio Lower Upper

98 100

100 64.9 53.1 79.7

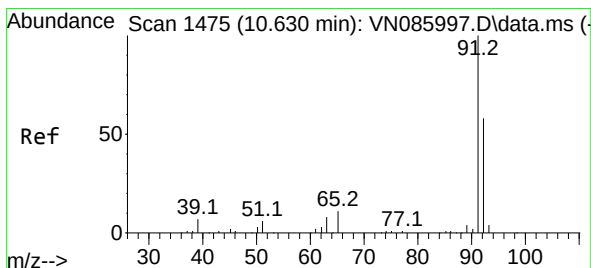
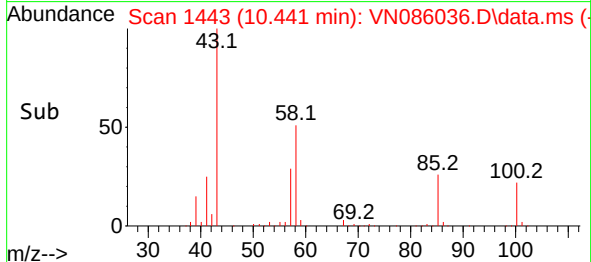
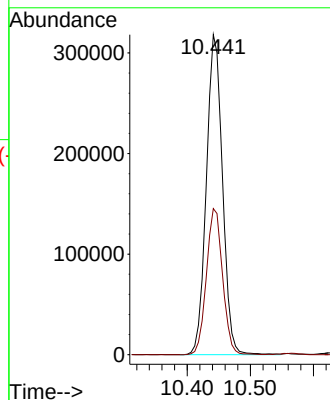
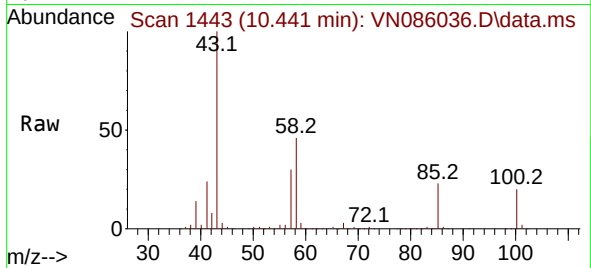




#51  
4-Methyl-2-Pentanone  
Concen: 301.158 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

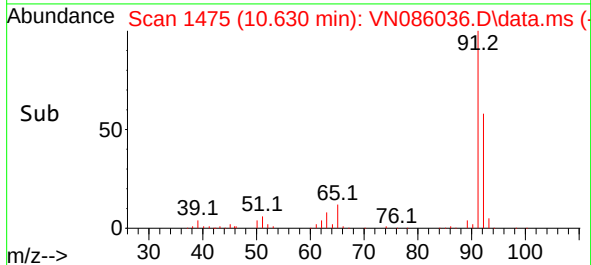
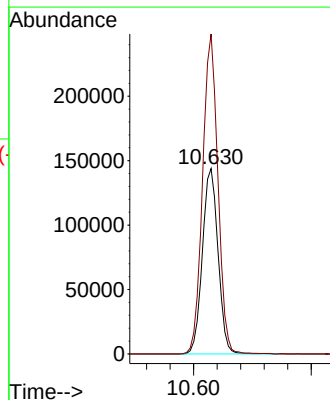
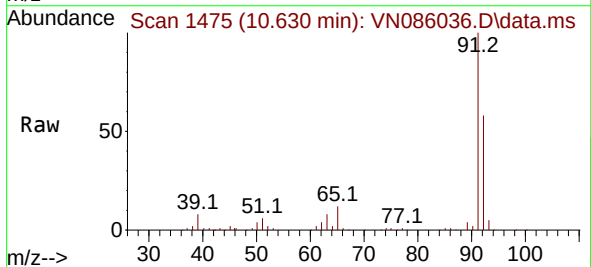
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

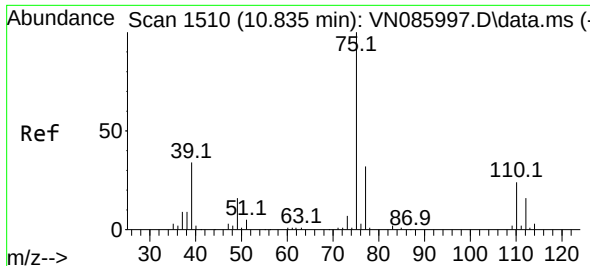
Tgt Ion: 43 Resp: 565757  
Ion Ratio Lower Upper  
43 100  
58 45.7 37.4 56.0



#52  
Toluene  
Concen: 59.071 ug/l  
RT: 10.630 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion: 92 Resp: 265190  
Ion Ratio Lower Upper  
92 100  
91 169.1 136.2 204.4

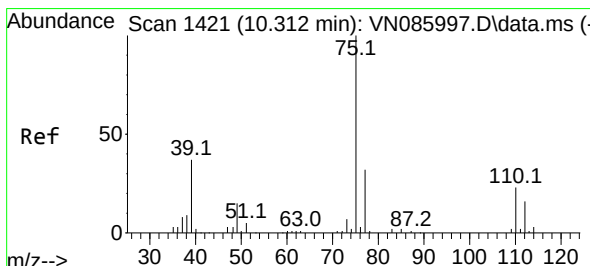
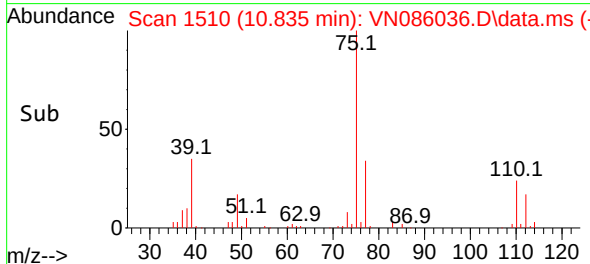
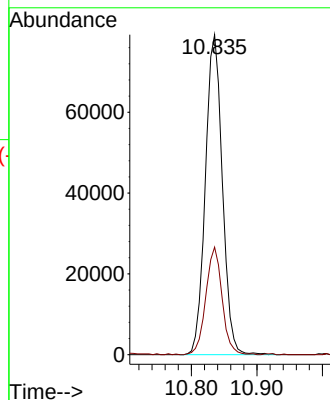
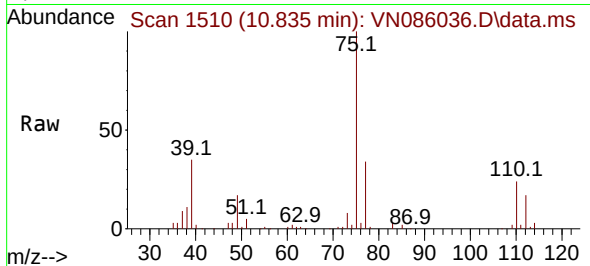




#53  
t-1,3-Dichloropropene  
Concen: 53.816 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

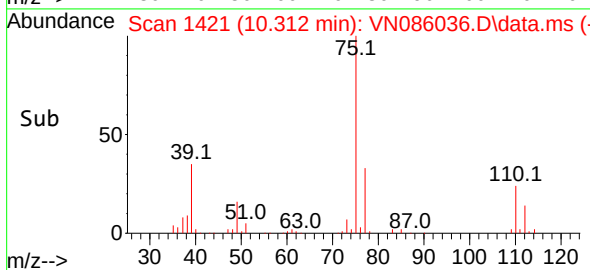
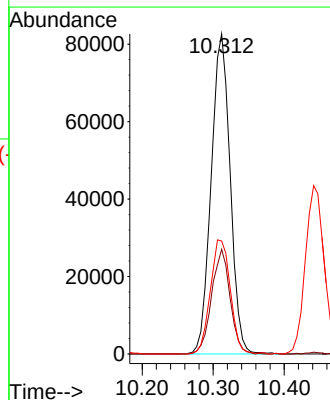
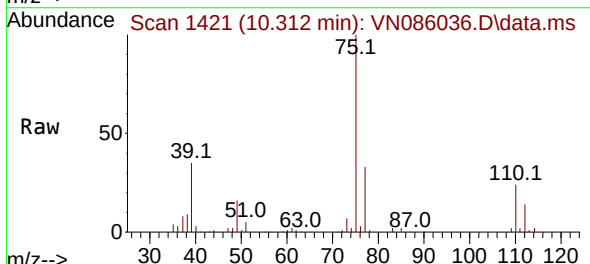
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

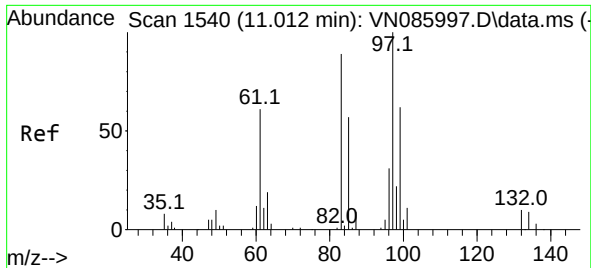
Tgt Ion: 75 Resp: 142912  
Ion Ratio Lower Upper  
75 100  
77 33.6 25.3 37.9



#54  
cis-1,3-Dichloropropene  
Concen: 54.743 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion: 75 Resp: 153379  
Ion Ratio Lower Upper  
75 100  
77 32.7 25.3 37.9  
39 35.3 29.6 44.4

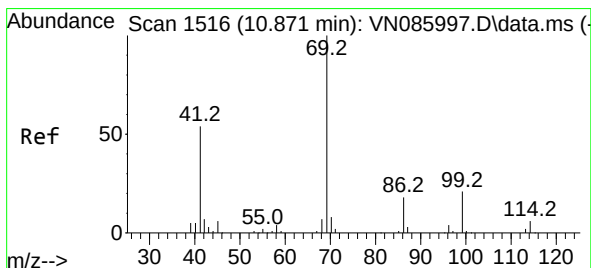
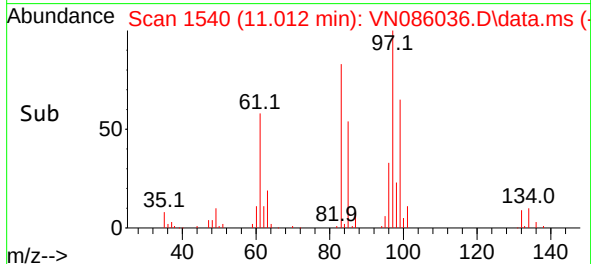
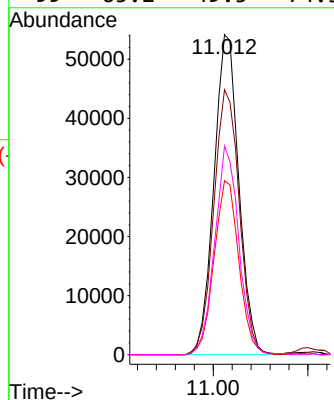
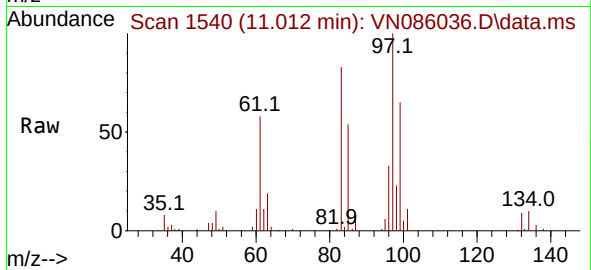




#55  
1,1,2-Trichloroethane  
Concen: 57.743 ug/l  
RT: 11.012 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

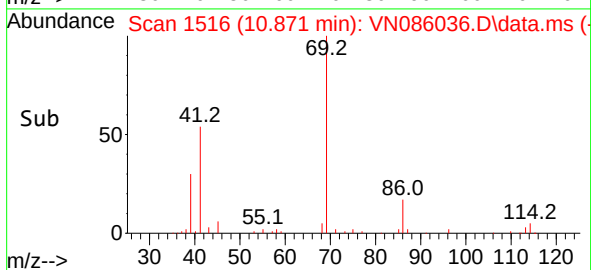
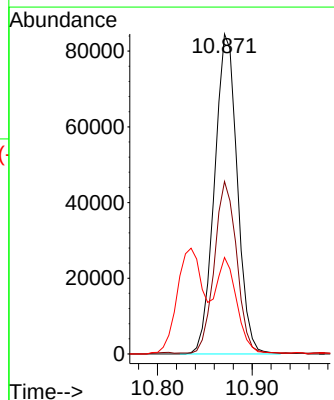
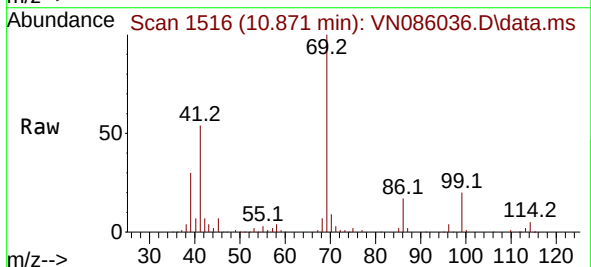
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 98942 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.8  | 71.2  | 106.8 |
| 85       | 54.4  | 45.4  | 68.0  |
| 99       | 65.2  | 49.5  | 74.3  |

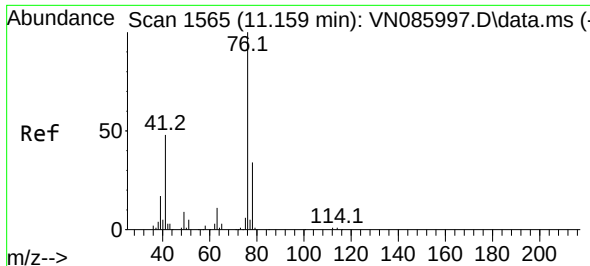


#56  
Ethyl methacrylate  
Concen: 52.373 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 141326 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 52.5  | 41.6  | 62.4   |
| 39       | 28.0  | 21.8  | 32.8   |







#57

1,3-Dichloropropane

Concen: 55.882 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Instrument :

MSVOA\_N

ClientSampleId :

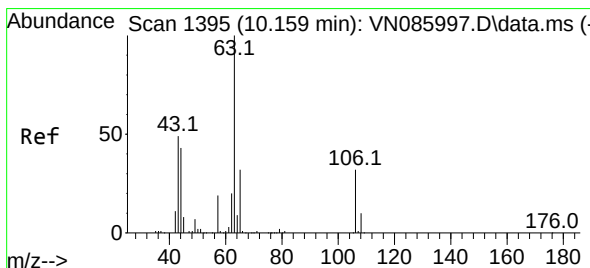
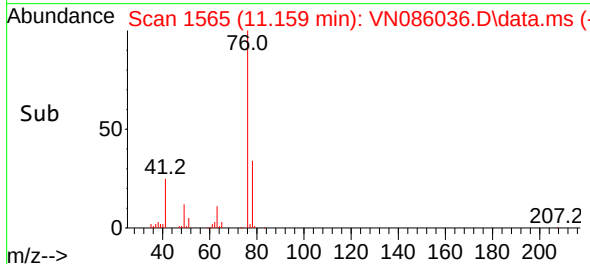
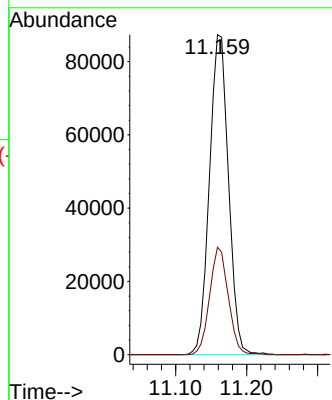
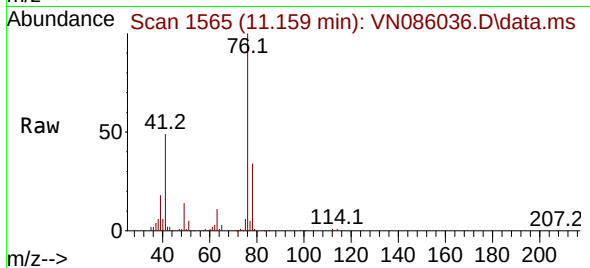
VSTDCCC050

Tgt Ion: 76 Resp: 162635

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 300.152 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086036.D

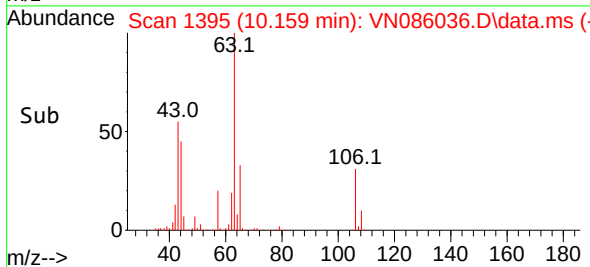
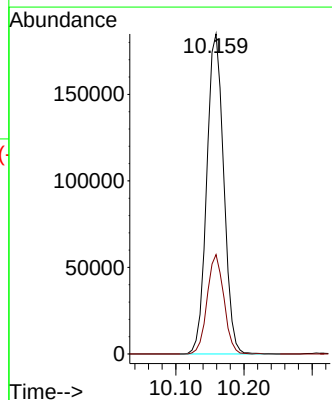
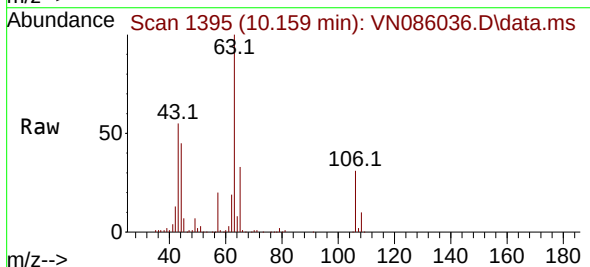
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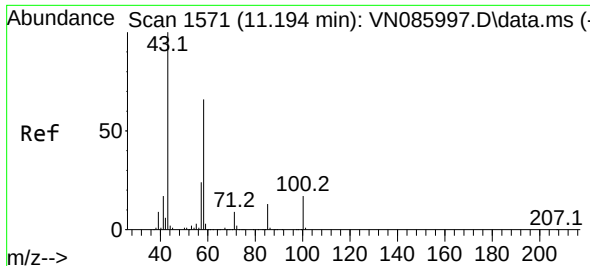
Tgt Ion: 63 Resp: 319939

Ion Ratio Lower Upper

63 100

106 30.6 25.0 37.6

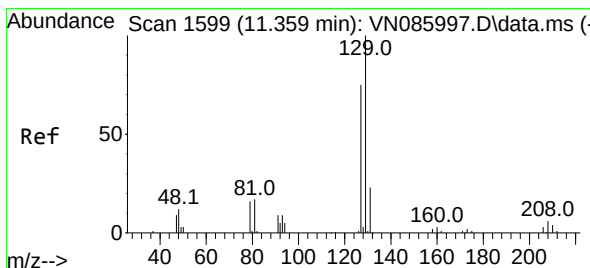
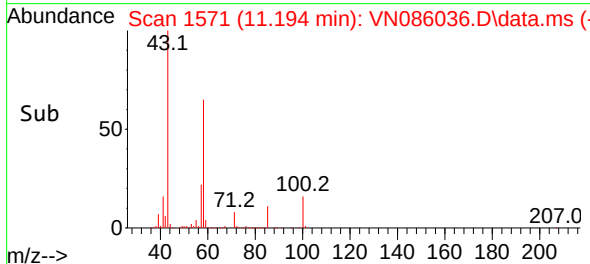
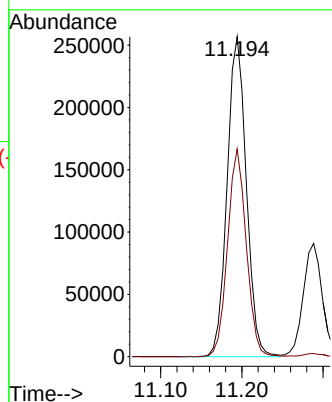
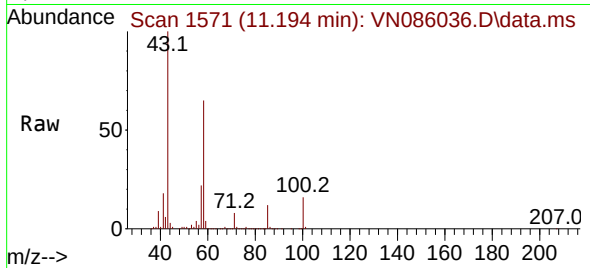




#59  
2-Hexanone  
Concen: 307.936 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

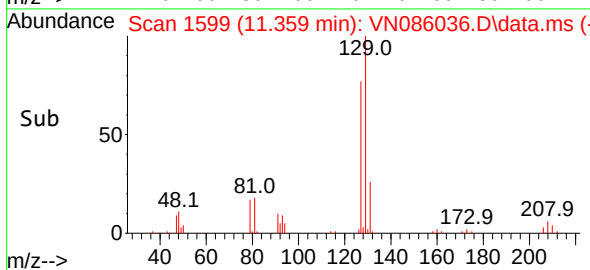
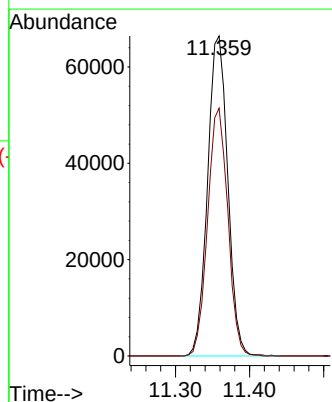
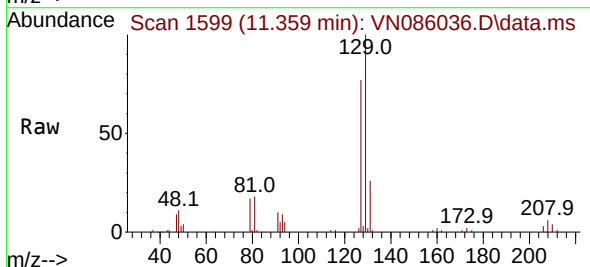
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

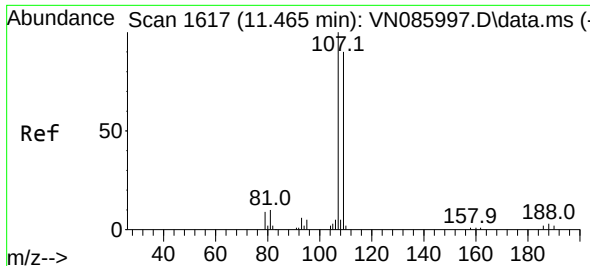
Tgt Ion: 43 Resp: 421427  
Ion Ratio Lower Upper  
43 100  
58 63.4 32.4 97.2



#60  
Dibromochloromethane  
Concen: 56.942 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion:129 Resp: 125903  
Ion Ratio Lower Upper  
129 100  
127 77.3 37.8 113.4

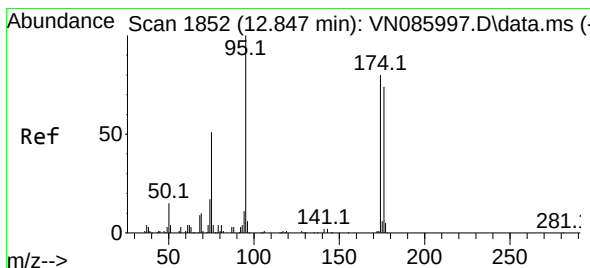
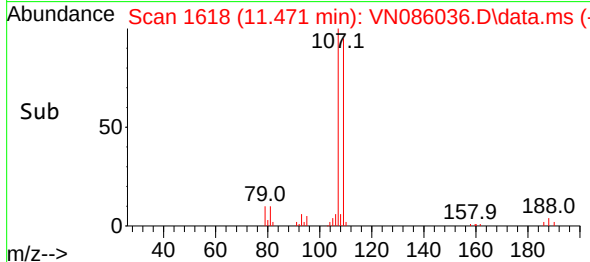
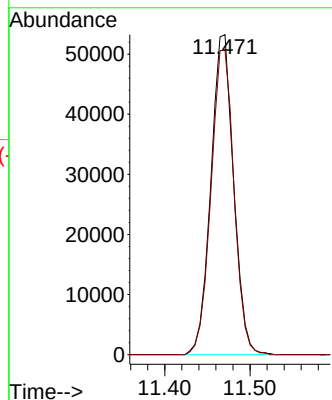
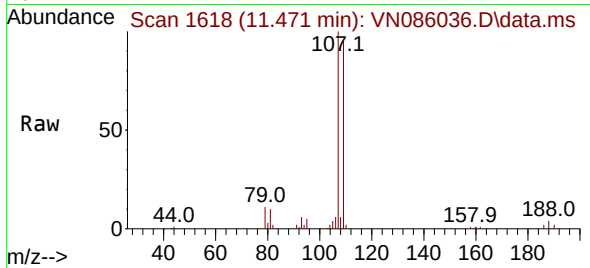




#61  
1,2-Dibromoethane  
Concen: 56.044 ug/l  
RT: 11.471 min Scan# 1617  
Delta R.T. 0.006 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

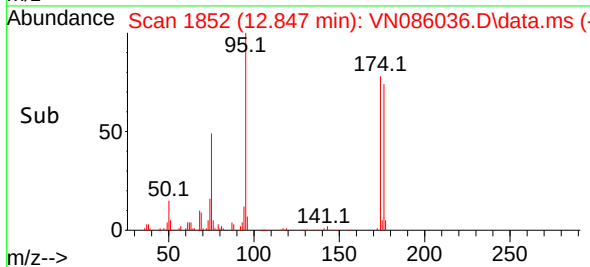
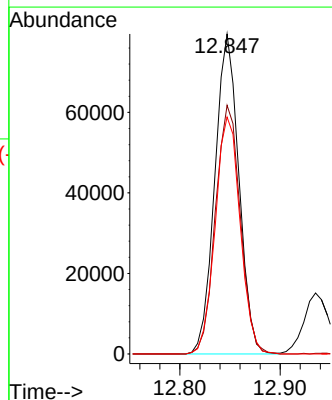
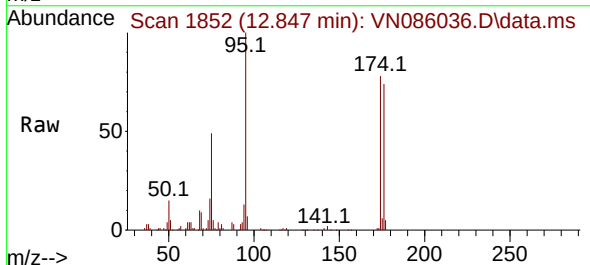
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

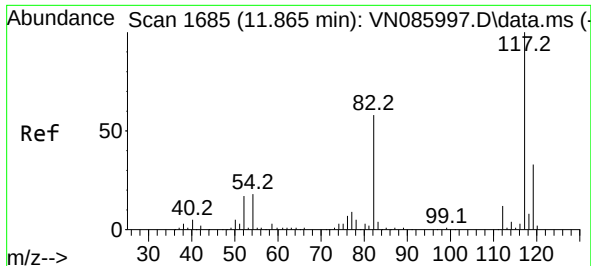
Tgt Ion:107 Resp: 98586  
Ion Ratio Lower Upper  
107 100  
109 96.1 73.3 109.9



#62  
4-Bromofluorobenzene  
Concen: 57.651 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion: 95 Resp: 132042  
Ion Ratio Lower Upper  
95 100  
174 80.4 0.0 156.8  
176 76.9 0.0 152.2

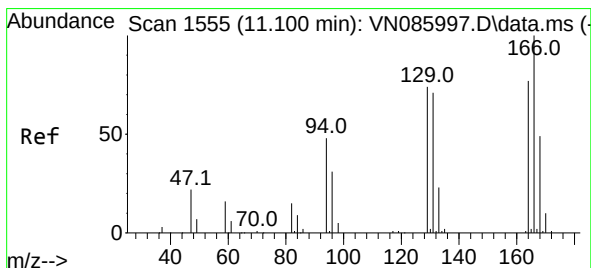
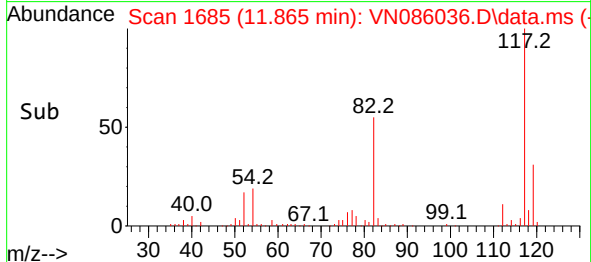
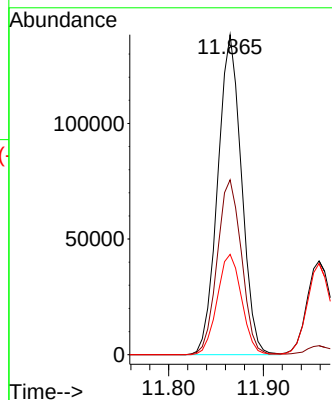
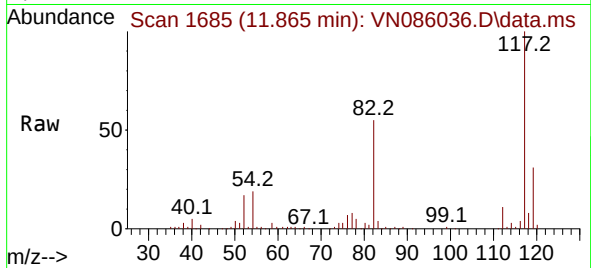




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

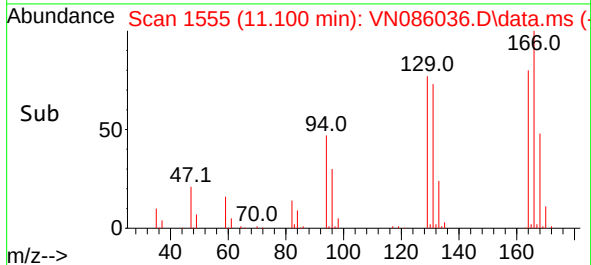
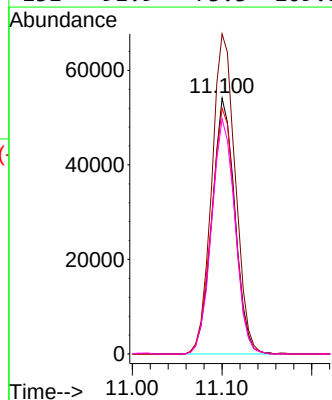
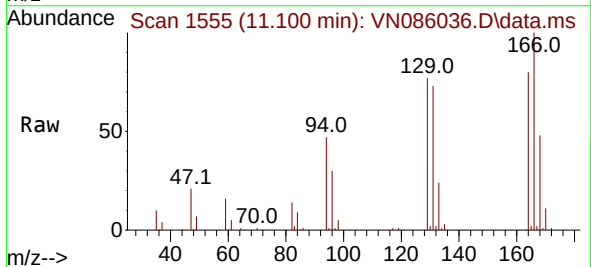
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

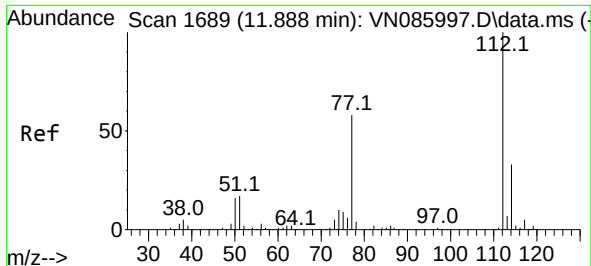
Tgt Ion:117 Resp: 241486  
Ion Ratio Lower Upper  
117 100  
82 54.7 46.7 70.1  
119 31.3 26.5 39.7



#64  
Tetrachloroethene  
Concen: 49.824 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion:164 Resp: 95978  
Ion Ratio Lower Upper  
164 100  
166 125.2 103.7 155.5  
129 96.0 77.1 115.7  
131 91.9 73.3 109.9

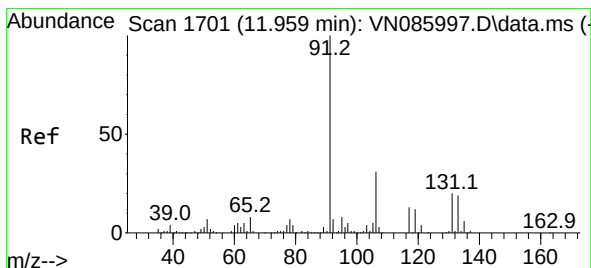
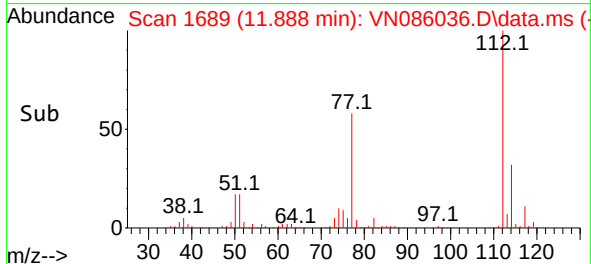
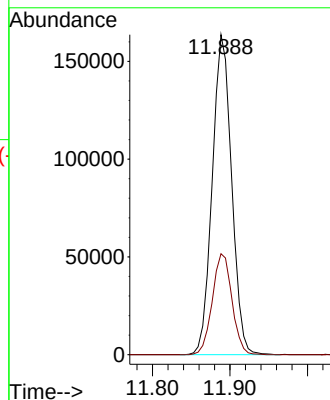
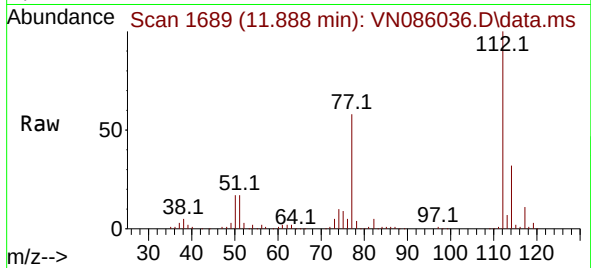




#65  
Chlorobenzene  
Concen: 51.319 ug/l  
RT: 11.888 min Scan# 112  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

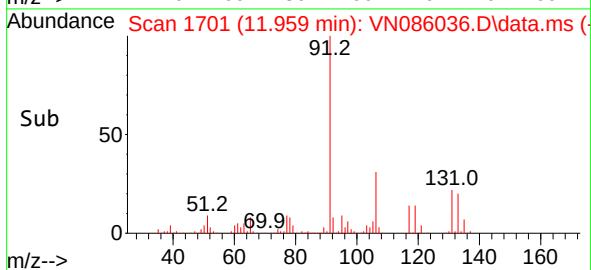
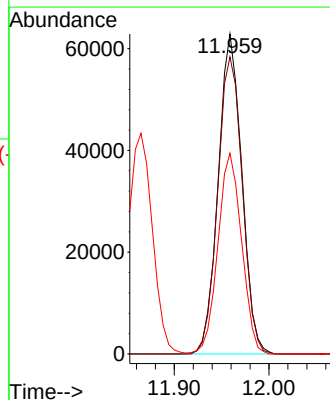
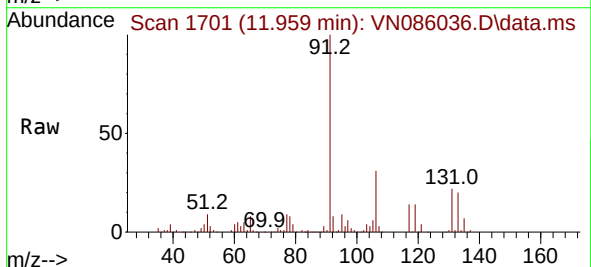
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

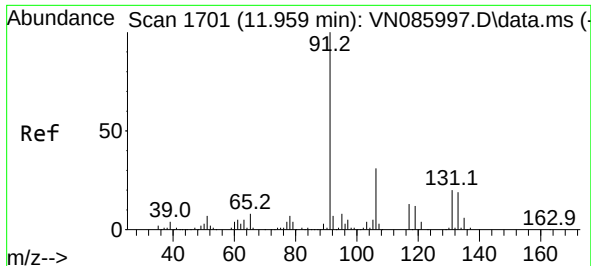
Tgt Ion:112 Resp: 283581  
Ion Ratio Lower Upper  
112 100  
114 31.6 26.3 39.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.214 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion:131 Resp: 109310  
Ion Ratio Lower Upper  
131 100  
133 96.1 47.0 141.0  
119 62.8 31.4 94.0





#67

Ethyl Benzene

Concen: 55.293 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Instrument :

MSVOA\_N

ClientSampleId :

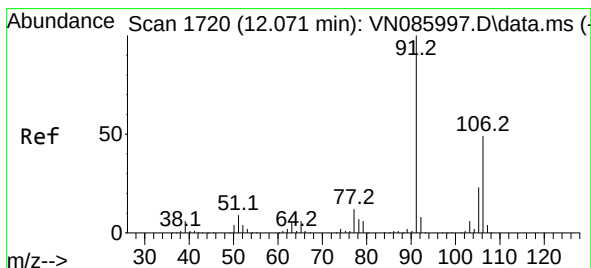
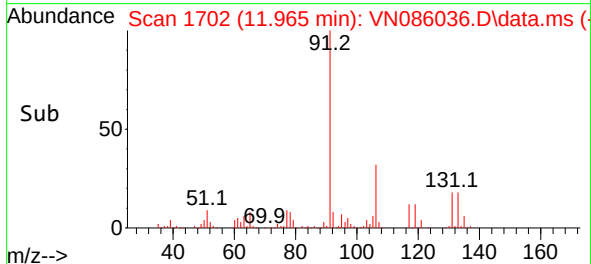
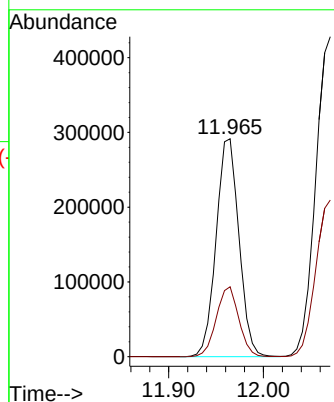
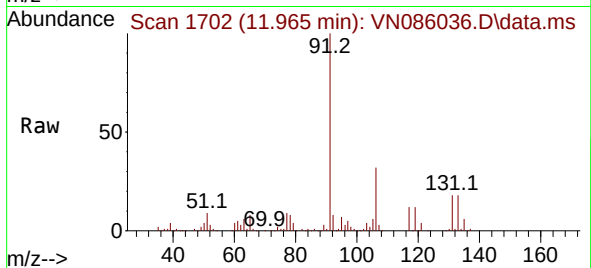
VSTDCCC050

Tgt Ion: 91 Resp: 488752

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 115.687 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN086036.D

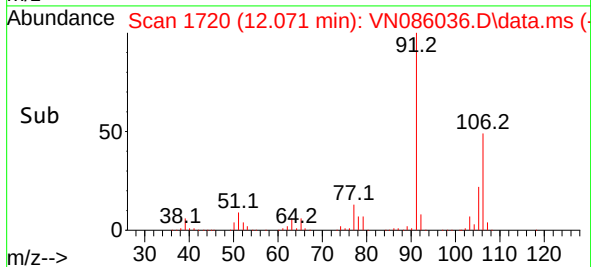
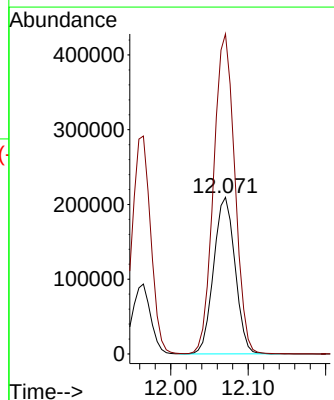
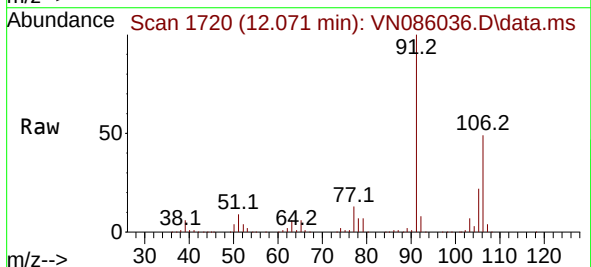
Acq: 21 Mar 2025 13:17

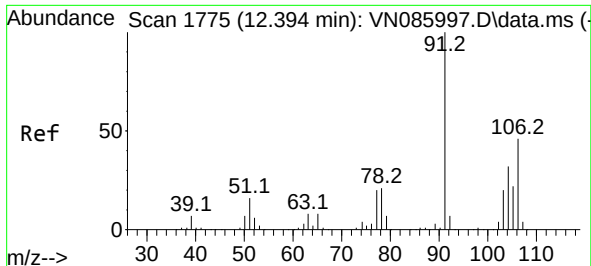
Tgt Ion:106 Resp: 401924

Ion Ratio Lower Upper

106 100

91 203.3 163.9 245.9

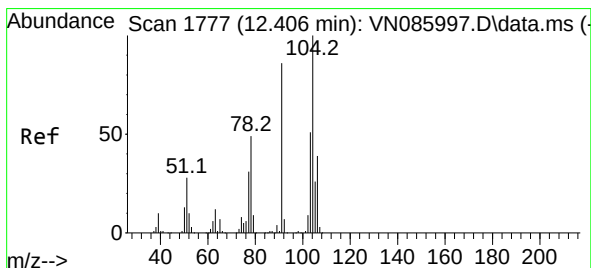
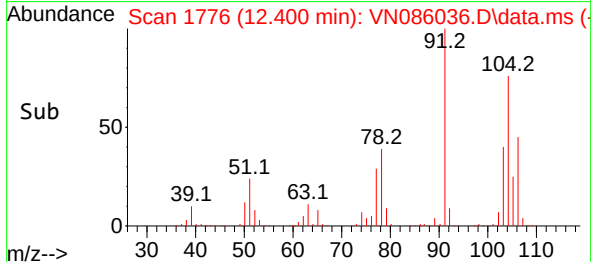
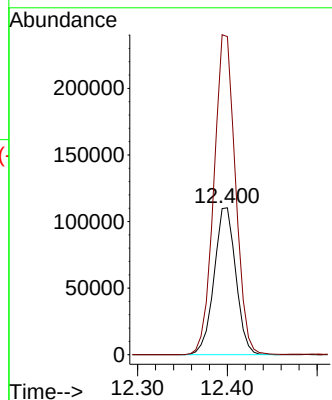
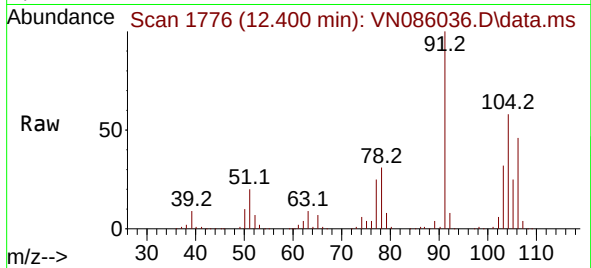




#69  
o-Xylene  
Concen: 58.200 ug/l  
RT: 12.400 min Scan# 1775  
Delta R.T. 0.006 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

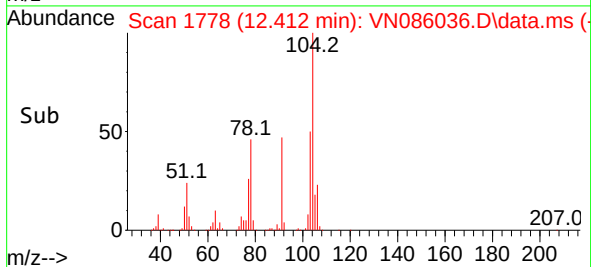
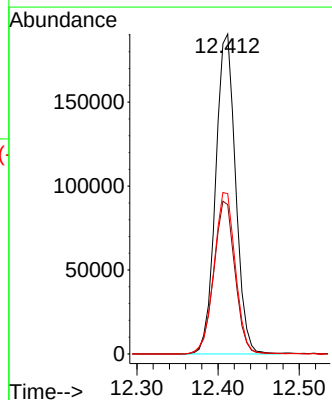
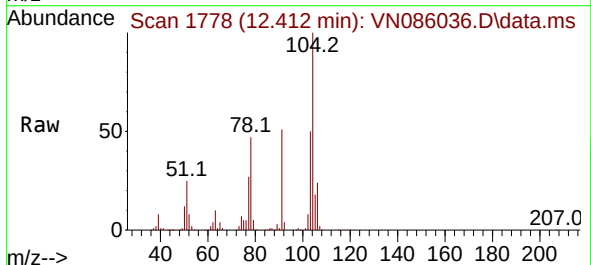
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

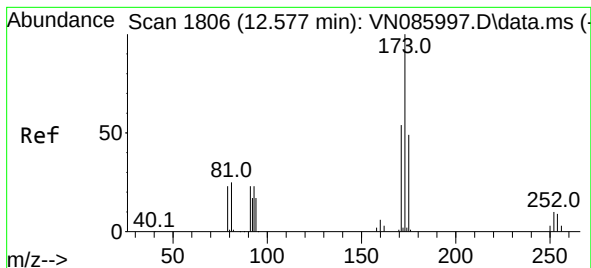
Tgt Ion:106 Resp: 185580  
Ion Ratio Lower Upper  
106 100  
91 216.0 109.1 327.2



#70  
Styrene  
Concen: 59.750 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.006 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion:104 Resp: 325424  
Ion Ratio Lower Upper  
104 100  
78 50.8 41.4 62.2  
103 54.1 42.9 64.3





#71

Bromoform

Concen: 52.748 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

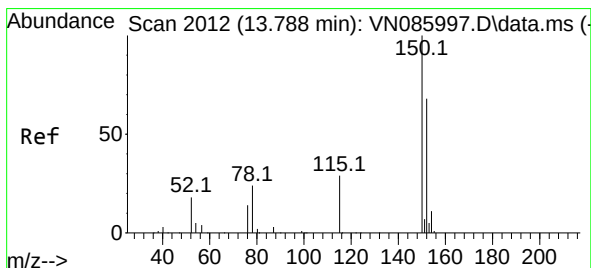
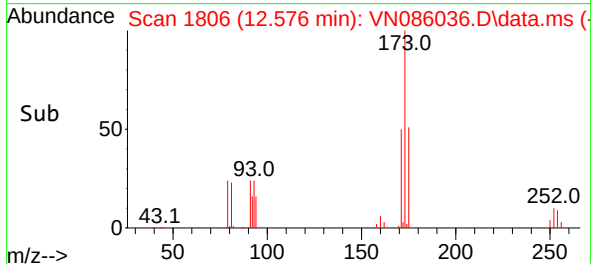
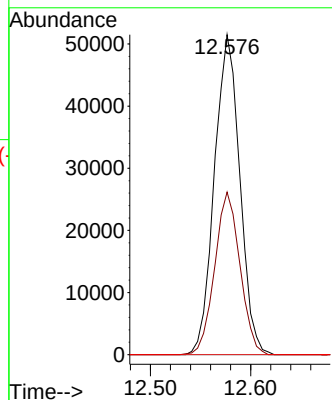
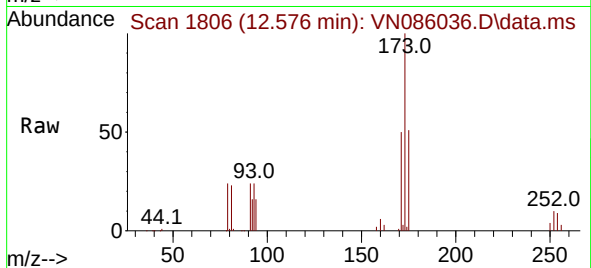
Tgt Ion:173 Resp: 90578

Ion Ratio Lower Upper

173 100

175 50.5 24.3 73.0

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: VN086036.D

Acq: 21 Mar 2025 13:17

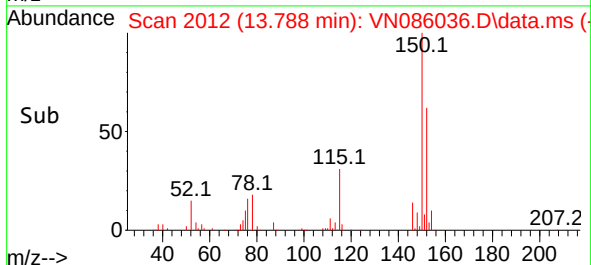
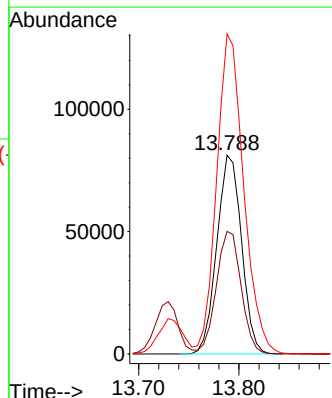
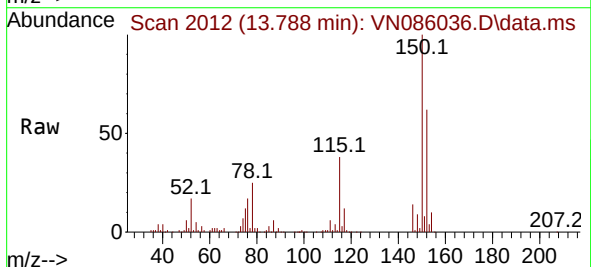
Tgt Ion:152 Resp: 138904

Ion Ratio Lower Upper

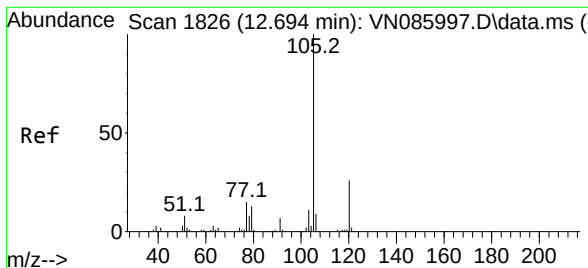
152 100

115 61.7 31.1 93.2

150 176.4 0.0 359.6







#73

Isopropylbenzene

Concen: 49.308 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Instrument :

MSVOA\_N

ClientSampleId :

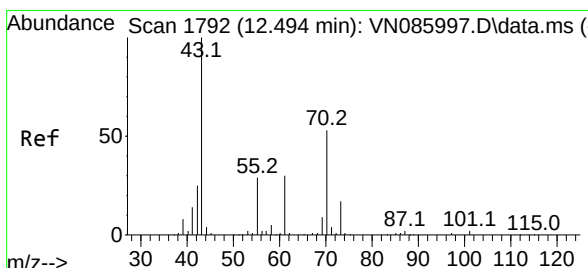
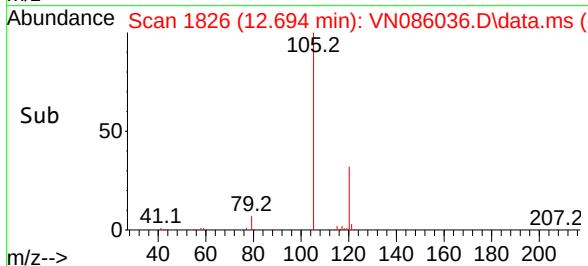
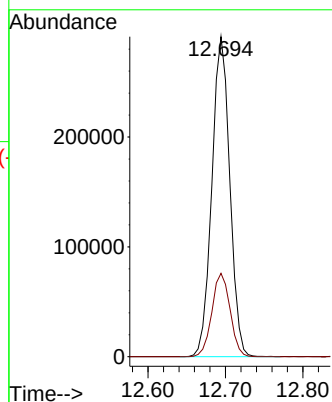
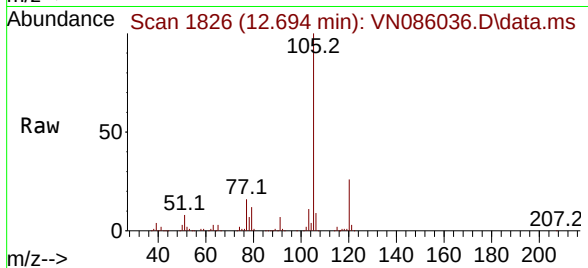
VSTDCCC050

Tgt Ion:105 Resp: 467711

Ion Ratio Lower Upper

105 100

120 26.4 13.0 39.0



#74

N-ethyl acetate

Concen: 49.918 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Tgt Ion: 43 Resp: 158416

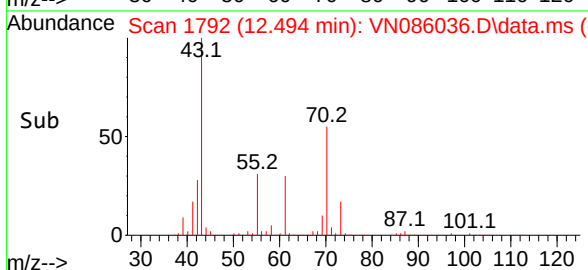
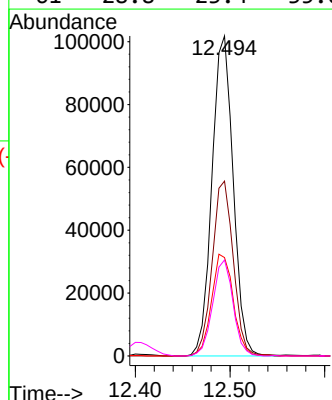
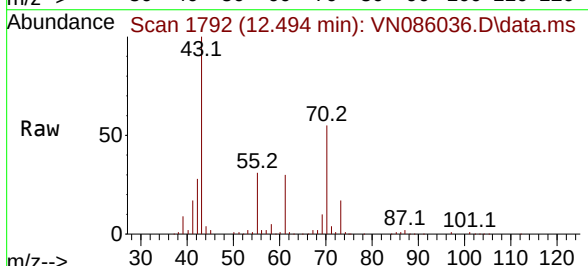
Ion Ratio Lower Upper

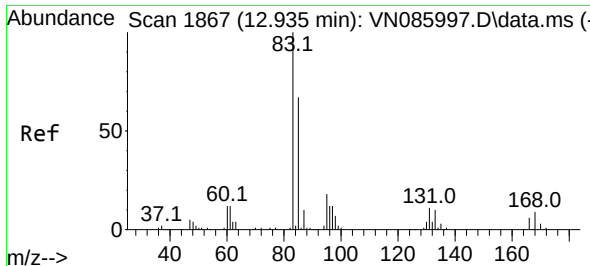
43 100

70 54.3 43.0 64.4

55 32.6 23.8 35.8

61 28.8 23.4 35.0

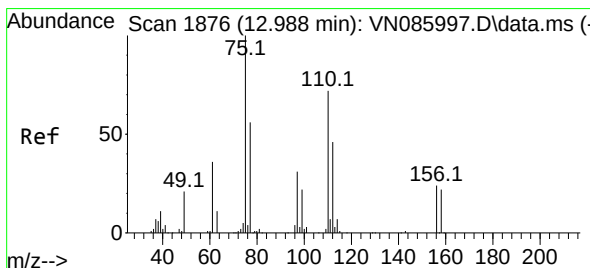
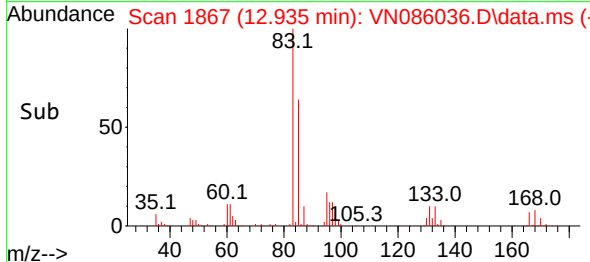
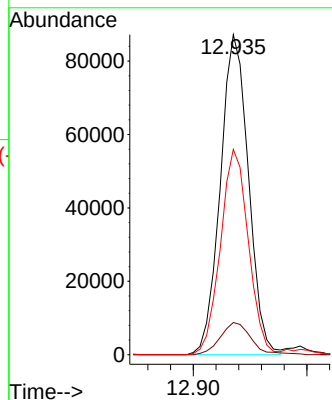
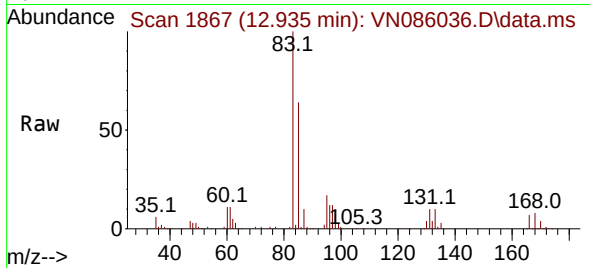




#75  
1,1,2,2-Tetrachloroethane  
Concen: 46.663 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

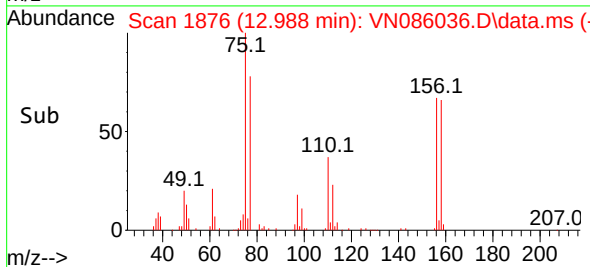
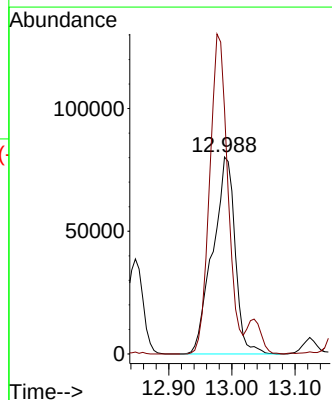
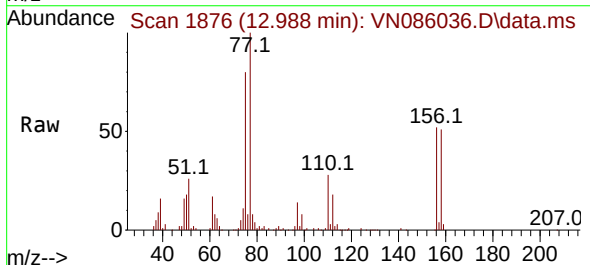
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

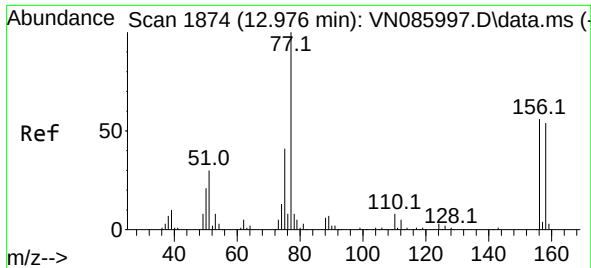
Tgt Ion: 83 Resp: 149745  
Ion Ratio Lower Upper  
83 100  
131 11.0 5.5 16.5  
85 63.8 32.6 97.8



#76  
1,2,3-Trichloropropane  
Concen: 63.581 ug/l  
RT: 12.988 min Scan# 1876  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion: 75 Resp: 197723  
Ion Ratio Lower Upper  
75 100  
77 131.4 83.7 251.0

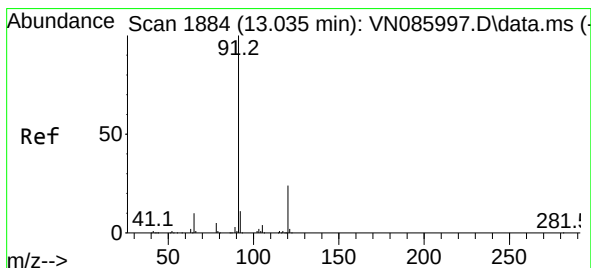
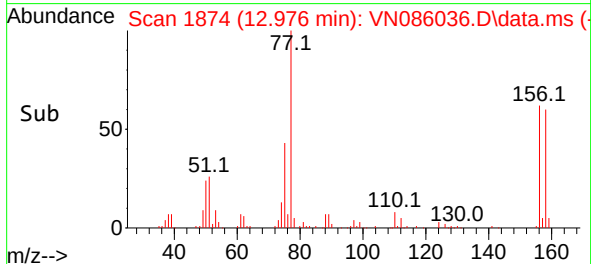
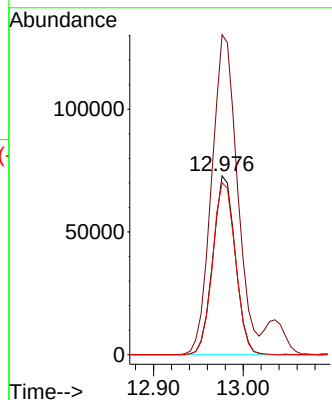
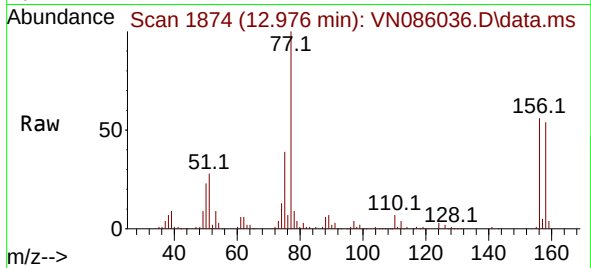




#77  
 Bromobenzene  
 Concen: 47.790 ug/l  
 RT: 12.976 min Scan# 1874  
 Delta R.T. -0.000 min  
 Lab File: VN086036.D  
 Acq: 21 Mar 2025 13:17

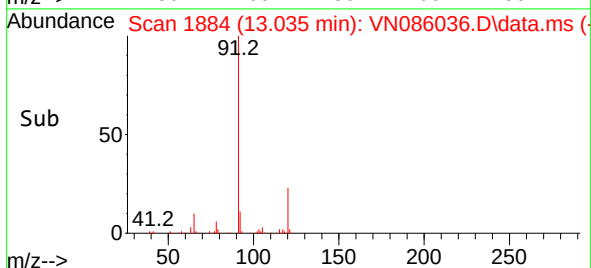
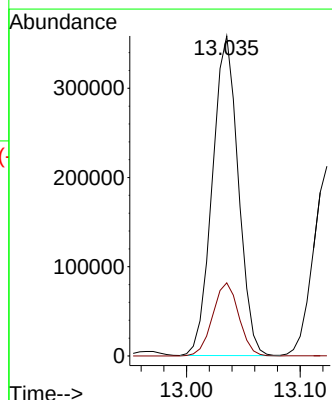
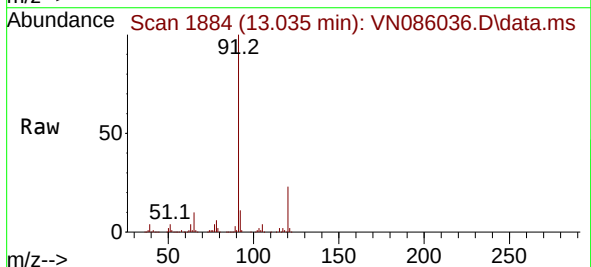
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

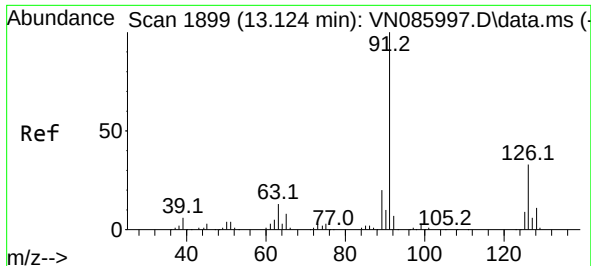
Tgt Ion:156 Resp: 126401  
 Ion Ratio Lower Upper  
 156 100  
 77 205.5 104.1 312.3  
 158 98.0 49.0 147.0



#78  
 n-propylbenzene  
 Concen: 52.921 ug/l  
 RT: 13.035 min Scan# 1884  
 Delta R.T. -0.000 min  
 Lab File: VN086036.D  
 Acq: 21 Mar 2025 13:17

Tgt Ion: 91 Resp: 568424  
 Ion Ratio Lower Upper  
 91 100  
 120 23.0 11.7 35.0

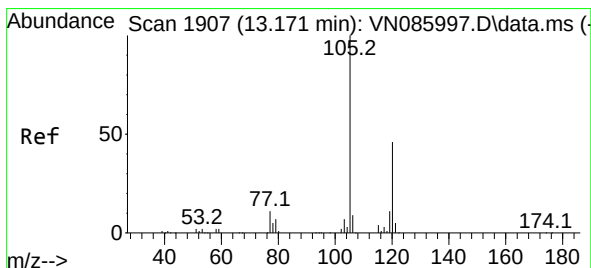
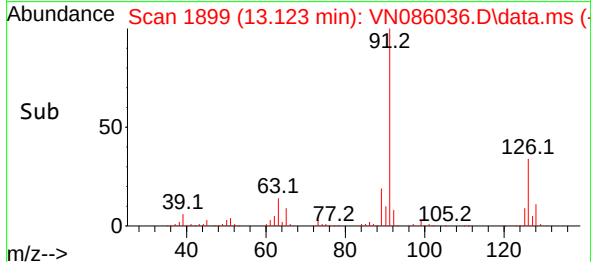
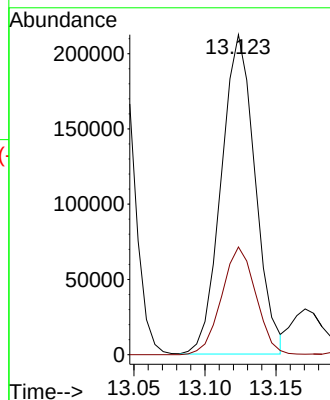
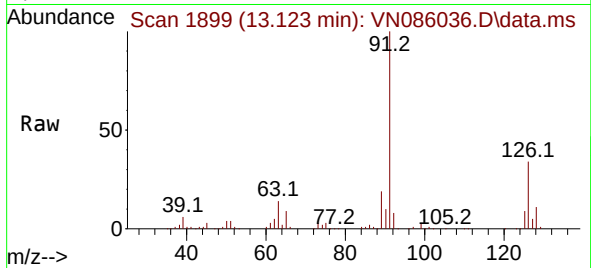




#79  
2-Chlorotoluene  
Concen: 49.485 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

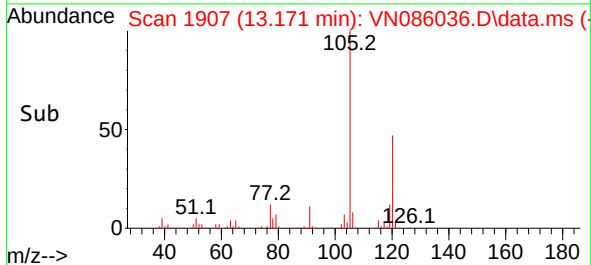
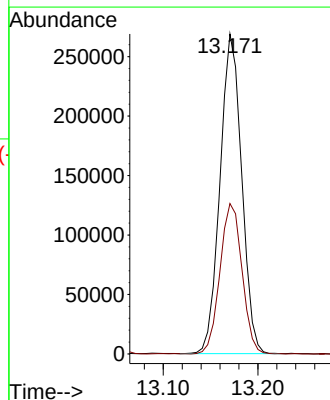
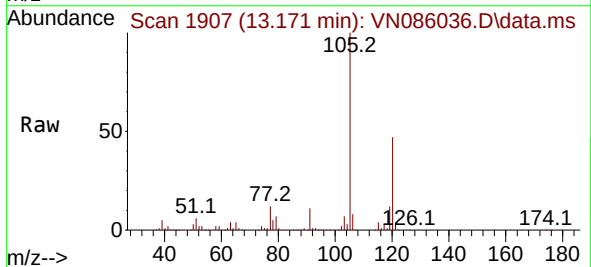
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

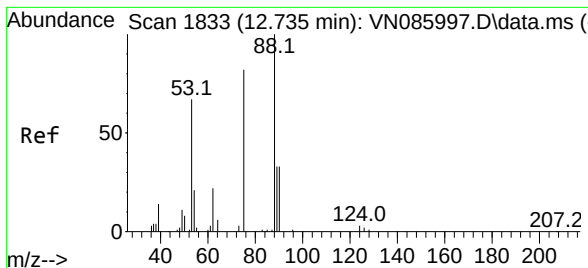
Tgt Ion: 91 Resp: 353043  
Ion Ratio Lower Upper  
91 100  
126 34.0 16.4 49.2



#80  
1,3,5-Trimethylbenzene  
Concen: 53.340 ug/l  
RT: 13.171 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion: 105 Resp: 427177  
Ion Ratio Lower Upper  
105 100  
120 47.9 23.7 71.1

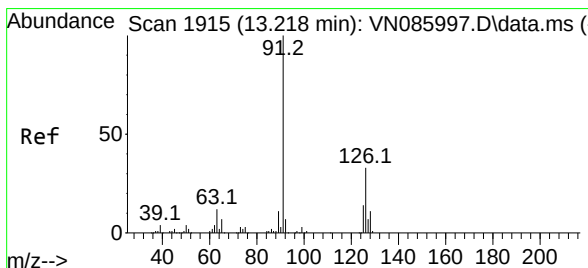
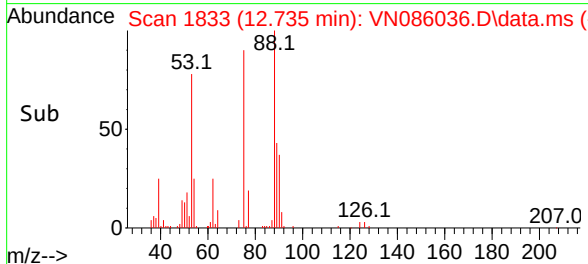
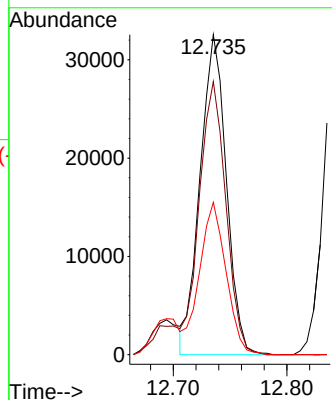
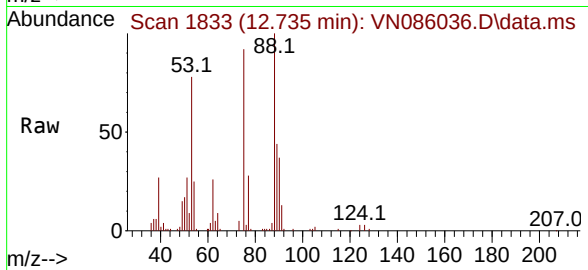




#81  
trans-1,4-Dichloro-2-butene  
Concen: 44.432 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

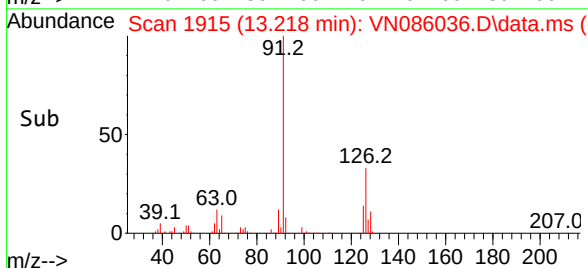
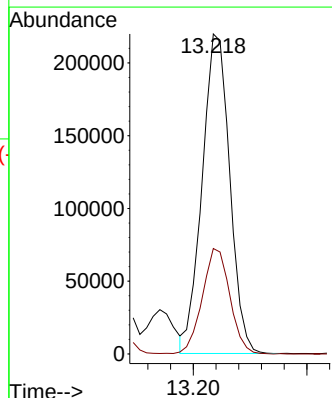
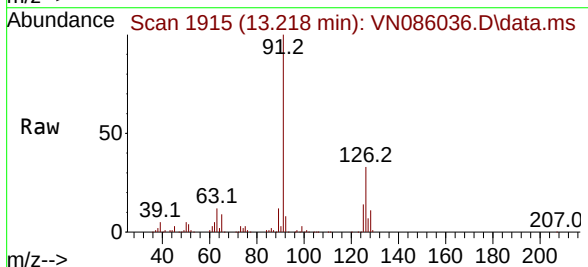
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

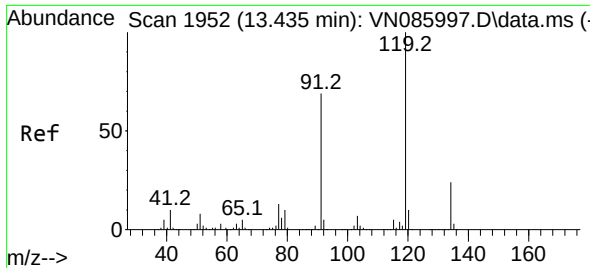
Tgt Ion: 75 Resp: 52263  
Ion Ratio Lower Upper  
75 100  
53 96.4 66.0 99.0  
89 48.5 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 50.547 ug/l  
RT: 13.218 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion: 91 Resp: 370842  
Ion Ratio Lower Upper  
91 100  
126 33.0 16.1 48.2

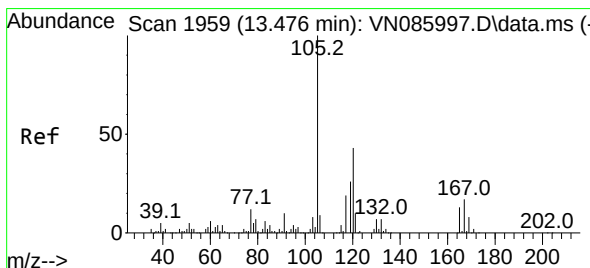
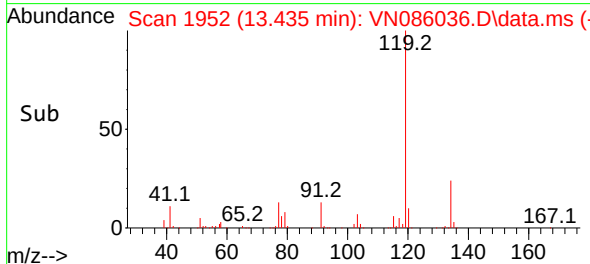
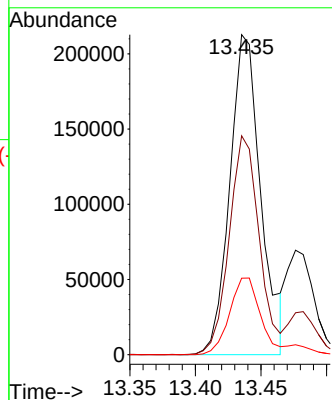
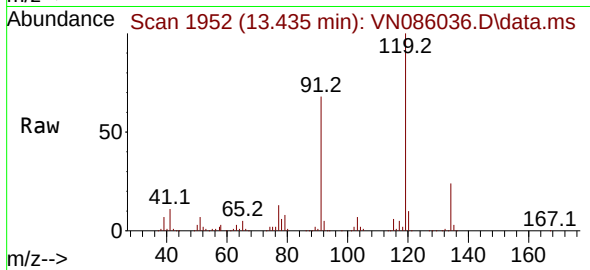




#83  
tert-Butylbenzene  
Concen: 50.968 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

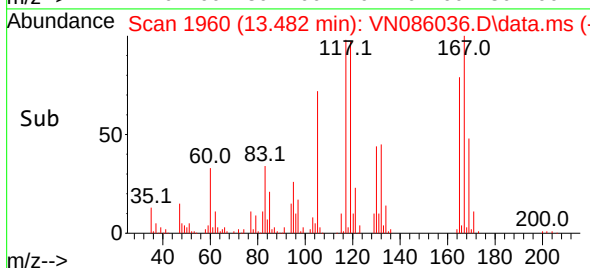
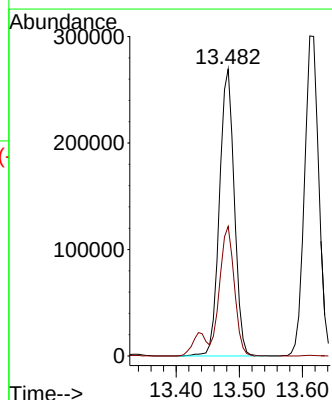
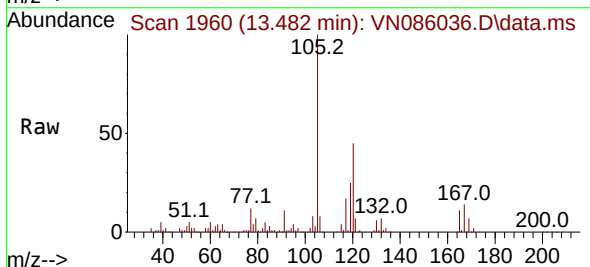
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

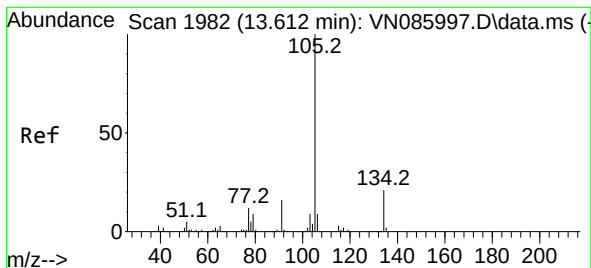
Tgt Ion:119 Resp: 349102  
Ion Ratio Lower Upper  
119 100  
91 66.6 34.3 102.9  
134 26.2 13.5 40.5



#84  
1,2,4-Trimethylbenzene  
Concen: 54.221 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.006 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion:105 Resp: 437972  
Ion Ratio Lower Upper  
105 100  
120 44.6 21.9 65.8





#85

sec-Butylbenzene

Concen: 53.082 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Instrument :

MSVOA\_N

ClientSampleId :

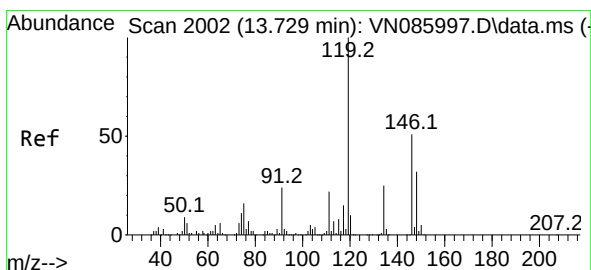
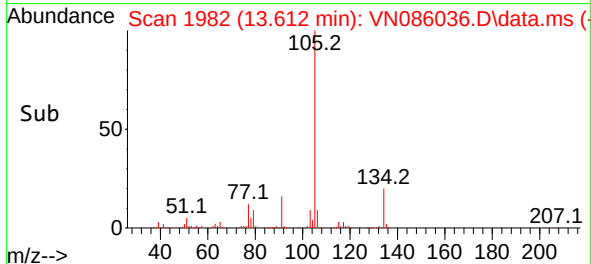
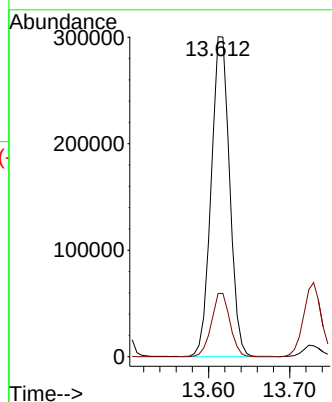
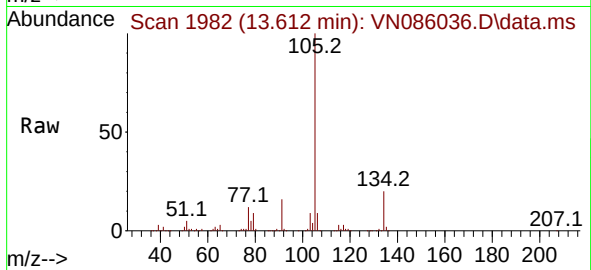
VSTDCCC050

Tgt Ion:105 Resp: 474302

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 54.168 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

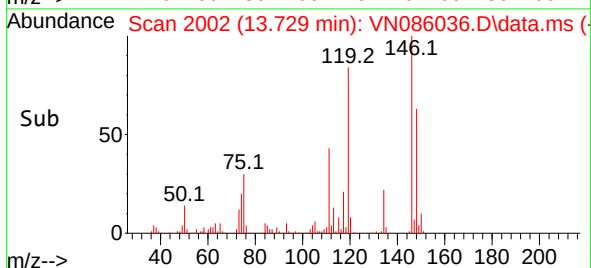
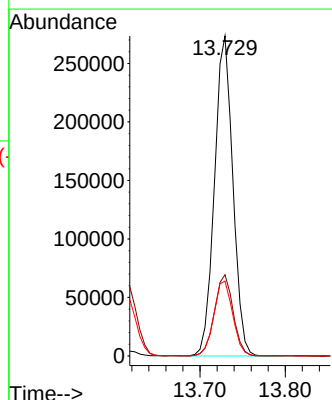
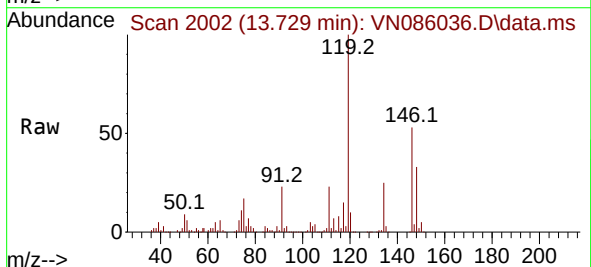
Tgt Ion:119 Resp: 409715

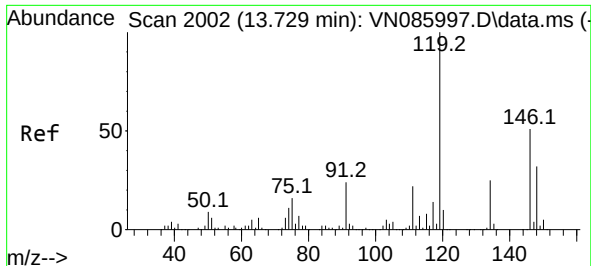
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.8

91 24.1 12.3 36.8

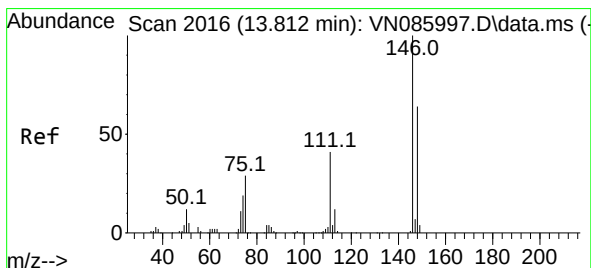
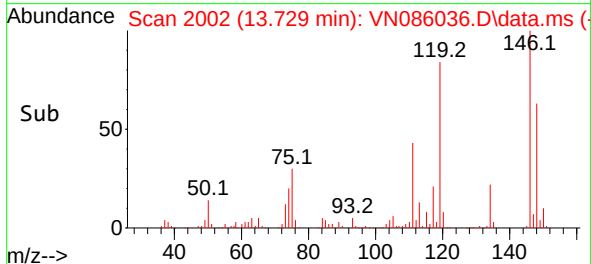
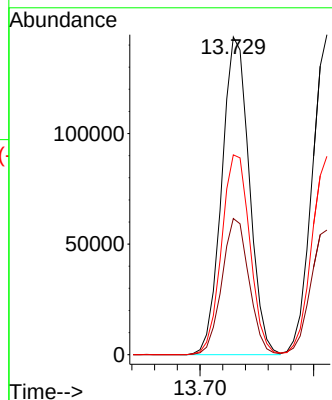
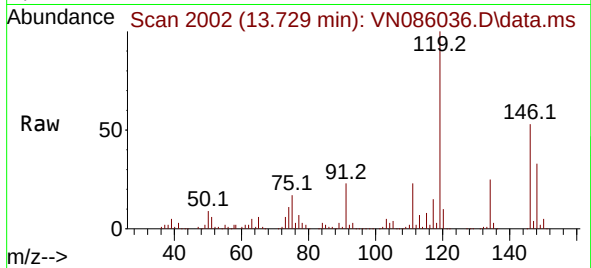




#87  
 1,3-Dichlorobenzene  
 Concen: 50.641 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN086036.D  
 Acq: 21 Mar 2025 13:17

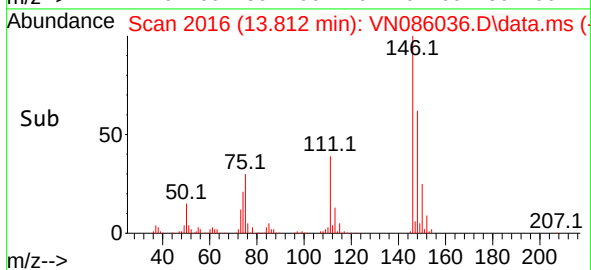
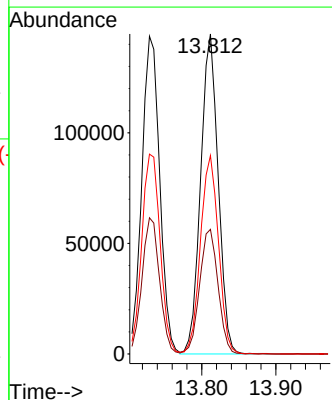
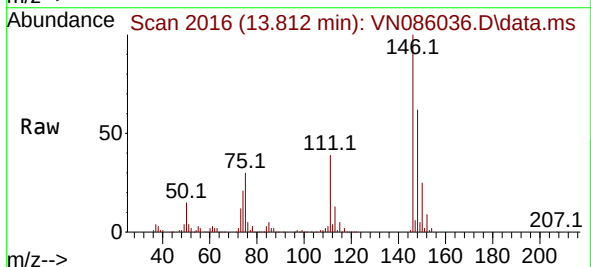
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:146 Resp: 241434  
 Ion Ratio Lower Upper  
 146 100  
 111 42.3 21.2 63.6  
 148 64.8 31.8 95.4

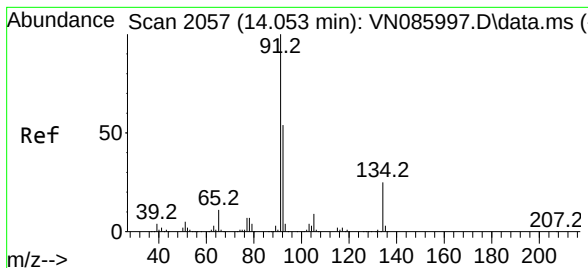


#88  
 1,4-Dichlorobenzene  
 Concen: 47.527 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. -0.000 min  
 Lab File: VN086036.D  
 Acq: 21 Mar 2025 13:17

Tgt Ion:146 Resp: 238063  
 Ion Ratio Lower Upper  
 146 100  
 111 40.9 20.4 61.3  
 148 63.7 32.1 96.5







#89

n-Butylbenzene

Concen: 51.631 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

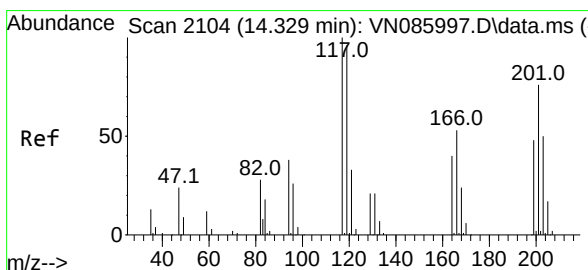
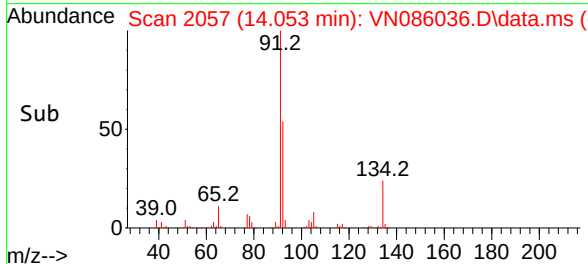
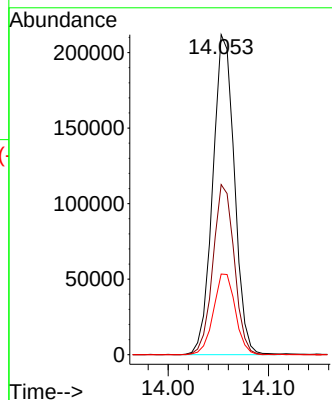
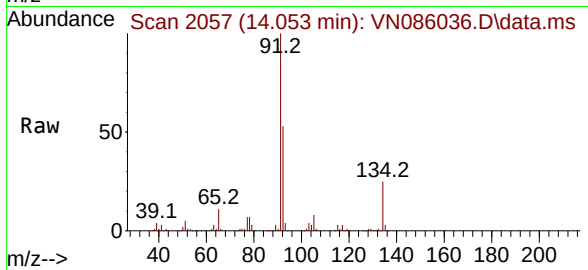
Tgt Ion: 91 Resp: 318015

Ion Ratio Lower Upper

91 100

92 52.4 26.9 80.6

134 25.5 13.0 39.0



#90

Hexachloroethane

Concen: 46.403 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN086036.D

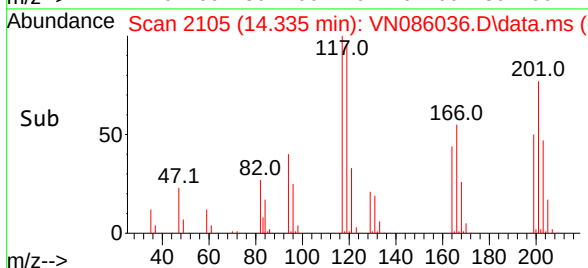
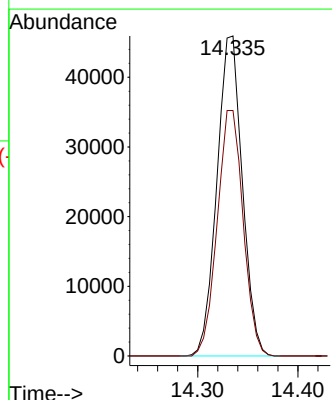
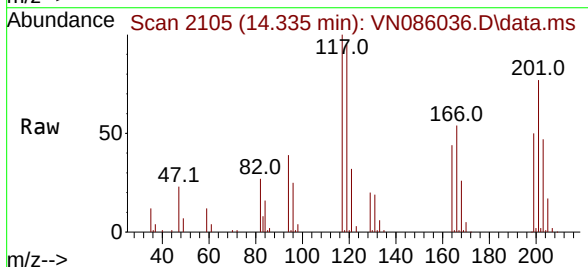
Acq: 21 Mar 2025 13:17

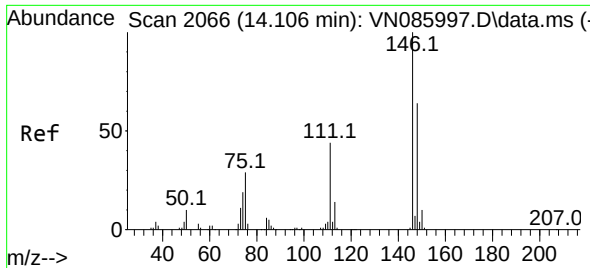
Tgt Ion:117 Resp: 80986

Ion Ratio Lower Upper

117 100

201 78.0 39.1 117.3

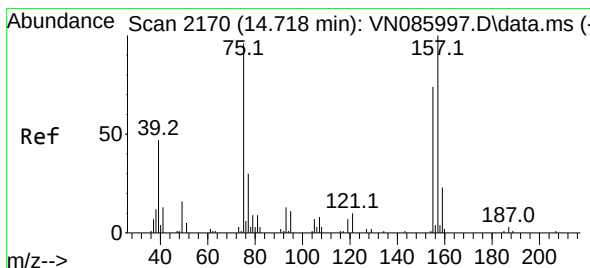
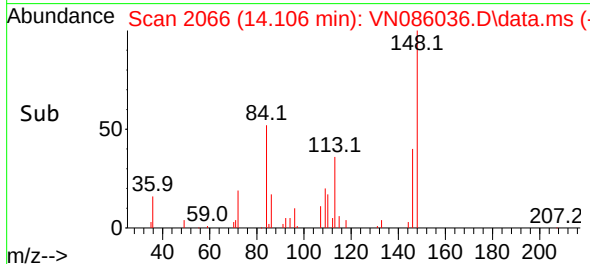
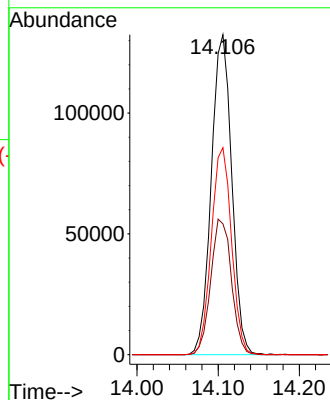
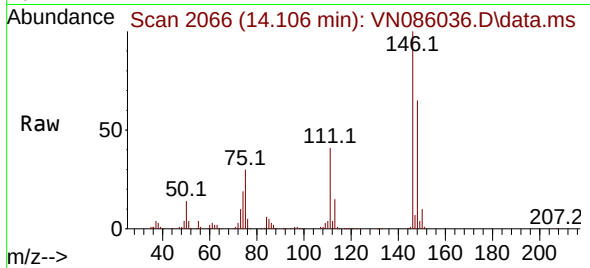




#91  
1,2-Dichlorobenzene  
Concen: 48.838 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

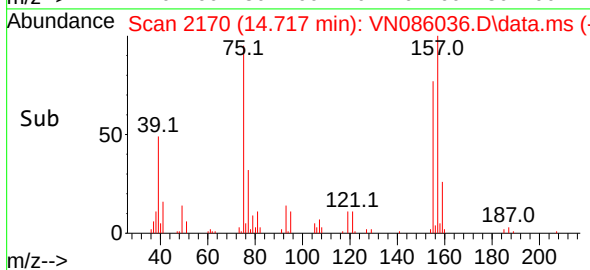
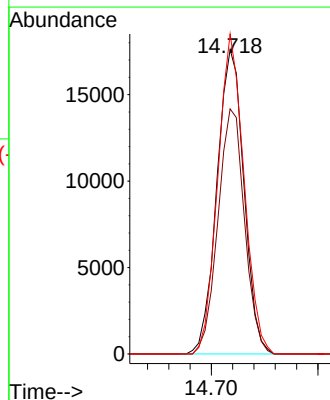
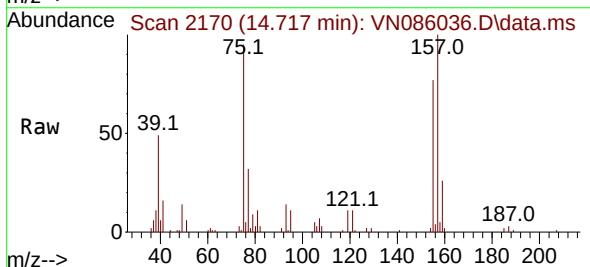
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

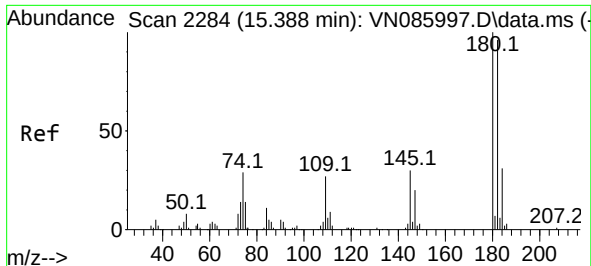
Tgt Ion:146 Resp: 231463  
Ion Ratio Lower Upper  
146 100  
111 42.9 22.3 66.8  
148 64.0 32.1 96.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 48.222 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion: 75 Resp: 30890  
Ion Ratio Lower Upper  
75 100  
155 79.4 41.0 123.0  
157 101.8 53.7 161.1

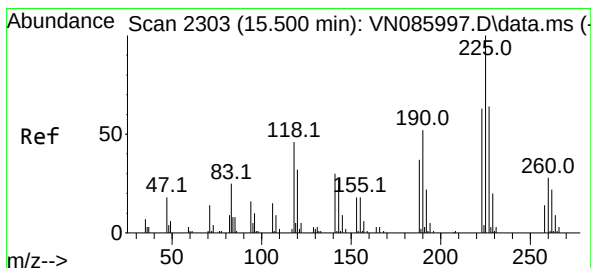
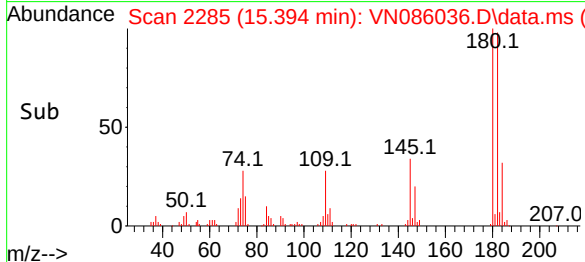
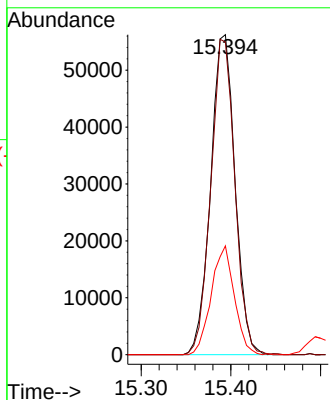
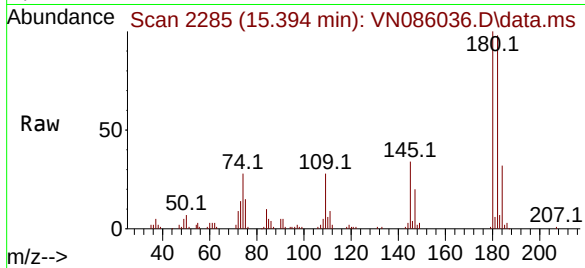




#93  
1,2,4-Trichlorobenzene  
Concen: 44.537 ug/l  
RT: 15.394 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

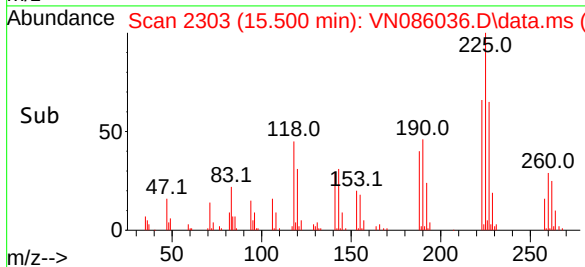
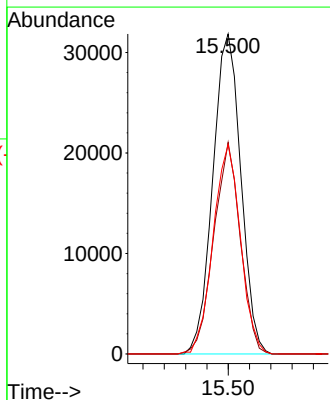
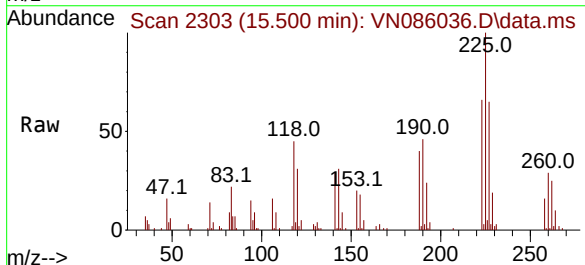
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

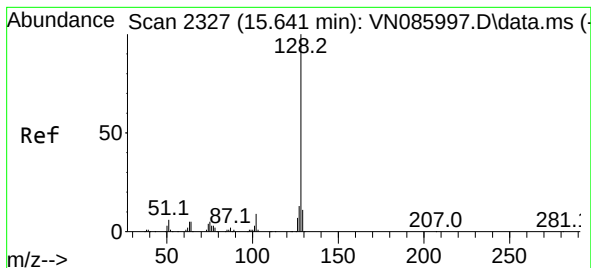
Tgt Ion:180 Resp: 106133  
Ion Ratio Lower Upper  
180 100  
182 96.9 47.0 141.0  
145 32.3 15.5 46.5



#94  
Hexachlorobutadiene  
Concen: 42.060 ug/l  
RT: 15.500 min Scan# 2303  
Delta R.T. -0.000 min  
Lab File: VN086036.D  
Acq: 21 Mar 2025 13:17

Tgt Ion:225 Resp: 58150  
Ion Ratio Lower Upper  
225 100  
223 62.7 31.3 93.9  
227 63.8 32.1 96.3





#95

Naphthalene

Concen: 45.019 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

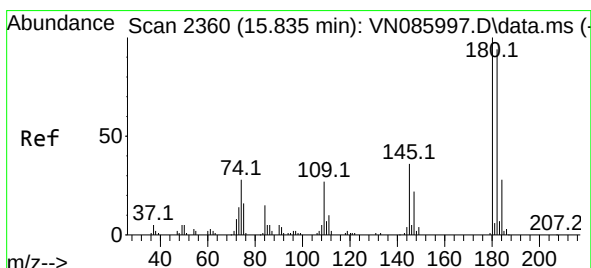
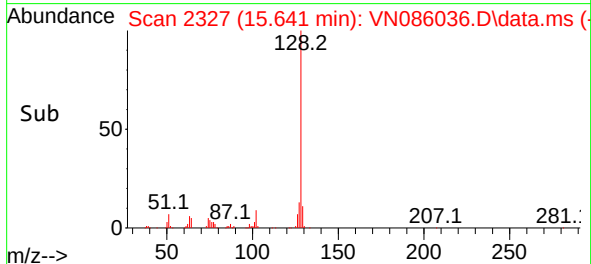
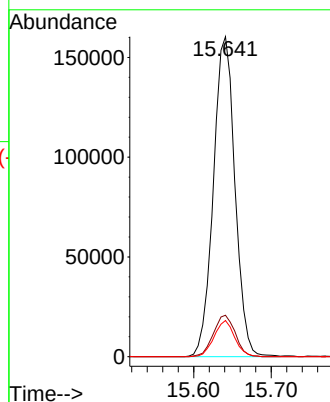
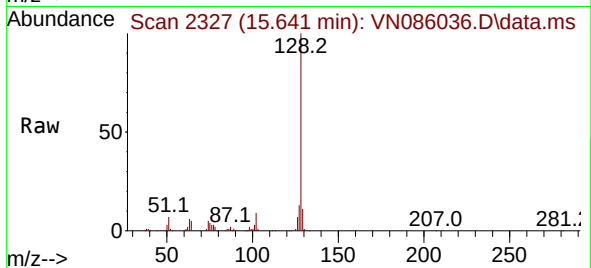
Tgt Ion:128 Resp: 310651

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.8 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 47.728 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Tgt Ion:180 Resp: 107925

Ion Ratio Lower Upper

180 100

182 92.9 47.5 142.5

145 33.7 17.7 53.1

