

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022323\  
 Data File : VN076784.D  
 Acq On : 23 Feb 2023 11:00  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Feb 24 01:33:29 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021323W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 14 01:44:47 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 288477   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.107  | 114  | 527807   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 505267   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.795 | 152  | 271718   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 208953   | 52.455   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 104.920% |      |
| 35) Dibromofluoromethane    | 8.172  | 113   | 167591   | 48.486   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 96.980%  |      |
| 50) Toluene-d8              | 10.566 | 98    | 668923   | 51.820   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 103.640% |      |
| 62) 4-Bromofluorobenzene    | 12.848 | 95    | 239347   | 55.983   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 111.960% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.137 | 85  | 151235  | 49.373  | ug/l   | 92  |
| 3) Chloromethane             | 2.378 | 50  | 179635  | 44.949  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.525 | 62  | 182653  | 46.439  | ug/l   | 100 |
| 5) Bromomethane              | 2.948 | 94  | 124027  | 52.042  | ug/l   | 98  |
| 6) Chloroethane              | 3.119 | 64  | 132866  | 53.452  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.507 | 101 | 249745  | 46.667  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.972 | 74  | 107419  | 52.091  | ug/l   | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 4.378 | 101 | 155411  | 49.423  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.601 | 142 | 200596  | 51.657  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 5.531 | 59  | 135797  | 258.267 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.354 | 96  | 141099  | 47.387  | ug/l   | 93  |
| 13) Acrolein                 | 4.190 | 56  | 182838  | 231.619 | ug/l   | 98  |
| 14) Allyl chloride           | 5.031 | 41  | 259082  | 50.217  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.731 | 53  | 485814  | 260.346 | ug/l   | 98  |
| 16) Acetone                  | 4.437 | 43  | 440825  | 247.744 | ug/l   | 94  |
| 17) Carbon Disulfide         | 4.719 | 76  | 347168  | 44.159  | ug/l # | 92  |
| 18) Methyl Acetate           | 5.037 | 43  | 313825  | 54.032  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.807 | 73  | 556537  | 55.438  | ug/l   | 96  |
| 20) Methylene Chloride       | 5.284 | 84  | 182353  | 48.899  | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 5.795 | 96  | 160140  | 47.777  | ug/l   | 89  |
| 22) Diisopropyl ether        | 6.678 | 45  | 681885  | 56.349  | ug/l   | 94  |
| 23) Vinyl Acetate            | 6.607 | 43  | 2227307 | 311.087 | ug/l   | 97  |
| 24) 1,1-Dichloroethane       | 6.578 | 63  | 333659  | 50.310  | ug/l   | 94  |
| 25) 2-Butanone               | 7.489 | 43  | 686411  | 261.521 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 7.489 | 77  | 260164  | 54.386  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.495 | 96  | 199554  | 50.196  | ug/l   | 96  |
| 28) Bromochloromethane       | 7.819 | 49  | 168637  | 53.426  | ug/l   | 94  |
| 29) Tetrahydrofuran          | 7.842 | 42  | 455715  | 265.748 | ug/l   | 100 |
| 30) Chloroform               | 7.966 | 83  | 346737  | 52.328  | ug/l   | 93  |
| 31) Cyclohexane              | 8.266 | 56  | 306921  | 49.118  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 8.177 | 97  | 290380  | 52.120  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.372 | 75  | 253121  | 50.684  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.566 | 43  | 288780  | 54.959  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.366 | 117 | 245053  | 48.641  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.601 | 83  | 305892  | 53.885  | ug/l   | 97  |
| 40) Benzene                  | 8.613 | 78  | 777156  | 50.674  | ug/l   | 100 |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Feb 24 01:33:29 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021323W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 14 01:44:47 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.783  | 41   | 164867   | 54.162   | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 268920   | 50.276   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.689  | 43   | 456313   | 53.369   | ug/l   | 99       |
| 44) Trichloroethene           | 9.354  | 130  | 183012   | 50.498   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 210785   | 51.920   | ug/l   | 97       |
| 46) Dibromomethane            | 9.713  | 93   | 140197   | 54.016   | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.889  | 83   | 279702   | 53.751   | ug/l # | 96       |
| 48) Methyl methacrylate       | 9.683  | 41   | 218707   | 53.905   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.695  | 88   | 75549    | 1076.452 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.448 | 43   | 1488424  | 273.605  | ug/l   | 100      |
| 52) Toluene                   | 10.630 | 92   | 511620   | 55.255   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.836 | 75   | 299503   | 59.631   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.313 | 75   | 322884   | 55.733   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 201902   | 53.625   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 309818   | 58.459   | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 11.166 | 76   | 355742   | 54.995   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.166 | 63   | 608372   | 250.654  | ug/l   | 97       |
| 59) 2-Hexanone                | 11.195 | 43   | 1079415  | 275.189  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.360 | 129  | 213256   | 53.742   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 200794   | 53.280   | ug/l   | 97       |
| 64) Tetrachloroethene         | 11.107 | 164  | 152340   | 47.843   | ug/l   | 92       |
| 65) Chlorobenzene             | 11.895 | 112  | 532416   | 49.721   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.960 | 131  | 199041   | 51.175   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.965 | 91   | 978103   | 53.616   | ug/l   | 97       |
| 68) m/p-Xylenes               | 12.071 | 106  | 778831   | 110.758  | ug/l   | 99       |
| 69) o-Xylene                  | 12.401 | 106  | 377398   | 55.030   | ug/l   | 99       |
| 70) Styrene                   | 12.413 | 104  | 644941   | 58.156   | ug/l   | 99       |
| 71) Bromoform                 | 12.577 | 173  | 156760   | 54.946   | ug/l # | 94       |
| 73) Isopropylbenzene          | 12.695 | 105  | 996394   | 50.030   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.495 | 43   | 436173   | 48.588   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.942 | 83   | 318617   | 44.197   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.995 | 75   | 375217   | 68.304   | ug/l   | 60       |
| 77) Bromobenzene              | 12.983 | 156  | 233025   | 46.896   | ug/l   | 100      |
| 78) n-propylbenzene           | 13.036 | 91   | 1214677  | 51.939   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.124 | 91   | 695148   | 48.546   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.177 | 105  | 843912   | 51.273   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.736 | 75   | 105942   | 56.170   | ug/l # | 79       |
| 82) 4-Chlorotoluene           | 13.124 | 91   | 695148   | 48.546   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.442 | 119  | 753535   | 50.608   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.483 | 105  | 855876   | 52.176   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 1107886  | 53.294   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.730 | 119  | 925520   | 55.754   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.736 | 146  | 464042   | 49.404   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 460604   | 49.243   | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 795150   | 55.074   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.336 | 117  | 166808   | 47.992   | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 14.107 | 146  | 456131   | 47.368   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.724 | 75   | 53629    | 38.398   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.395 | 180  | 235313   | 48.989   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 112262   | 47.686   | ug/l   | 98       |
| 95) Naphthalene               | 15.642 | 128  | 745772   | 51.164   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.842 | 180  | 235861   | 50.683   | ug/l   | 99       |

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Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

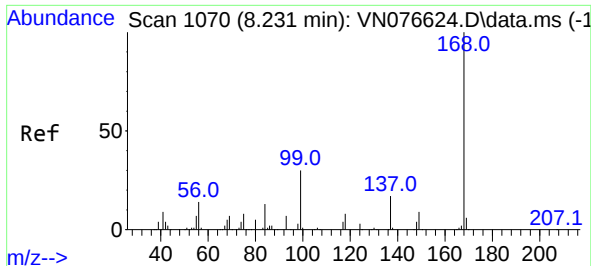
Quant Time: Feb 24 01:33:29 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021323W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 14 01:44:47 2023  
Response via : Initial Calibration

| 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\82N021323W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 14 01:44:47 2023  
Response via : Initial Calibration

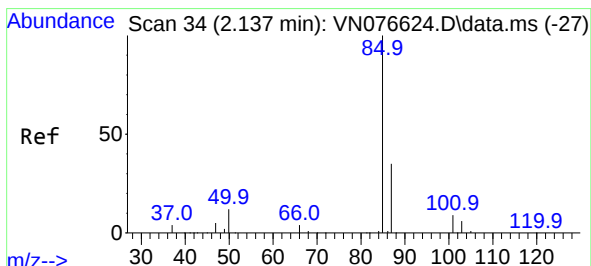
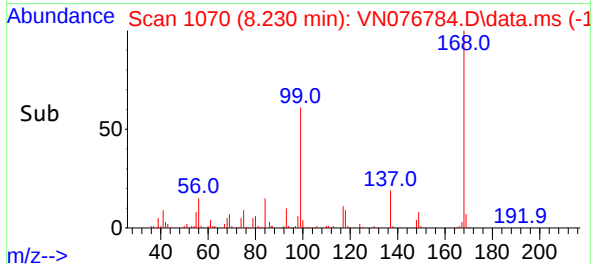
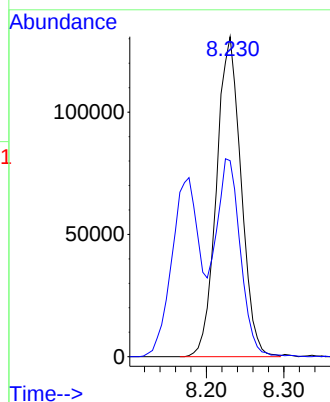
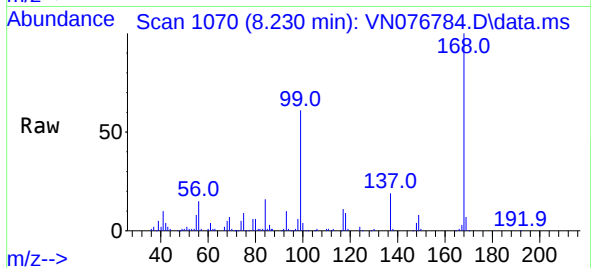




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. -0.001 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

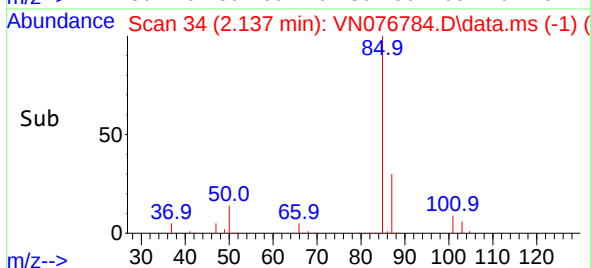
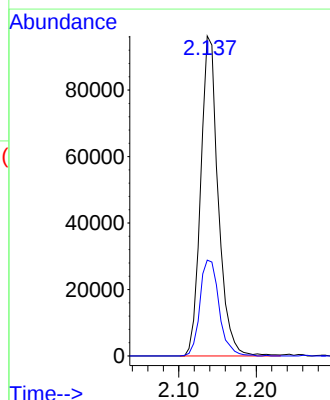
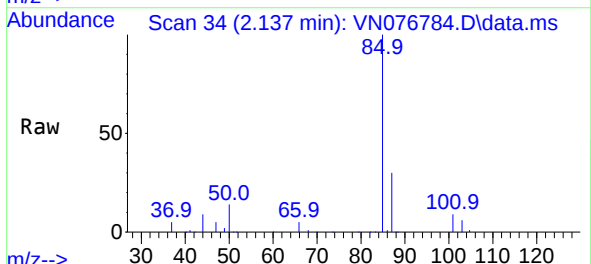
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

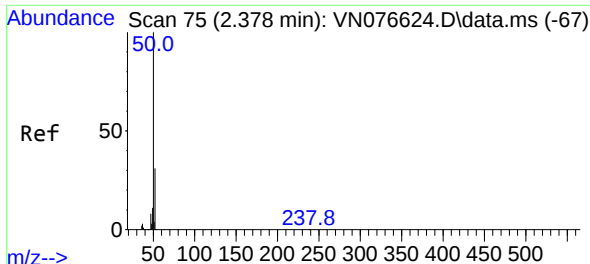
Tgt Ion:168 Resp: 288477  
Ion Ratio Lower Upper  
168 100  
99 60.8 44.8 67.2



#2  
Dichlorodifluoromethane  
Concen: 49.373 ug/l  
RT: 2.137 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 85 Resp: 151235  
Ion Ratio Lower Upper  
85 100  
87 29.9 17.4 52.2

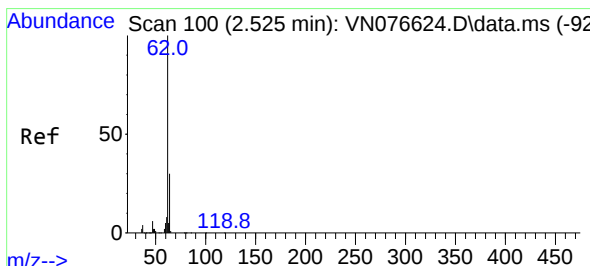
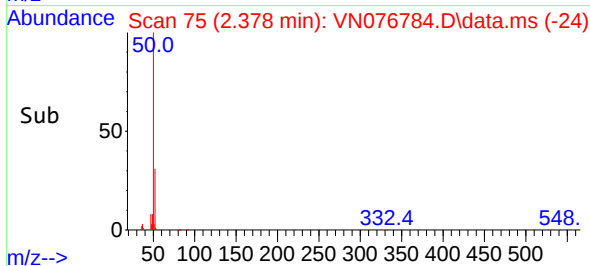
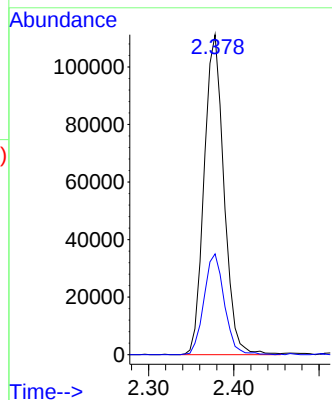
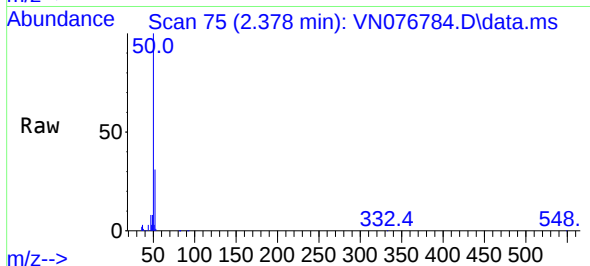




#3  
Chloromethane  
Concen: 44.949 ug/l  
RT: 2.378 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

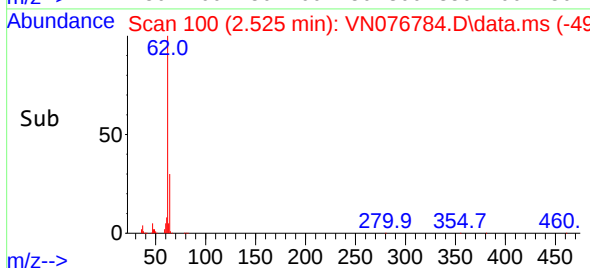
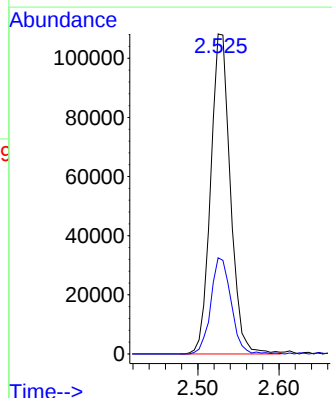
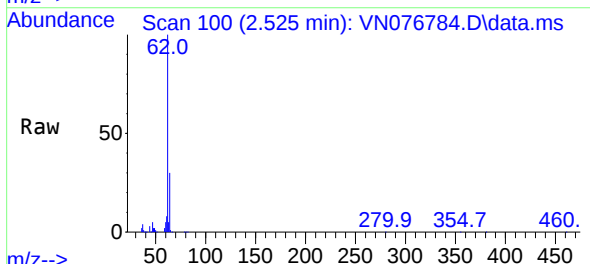
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

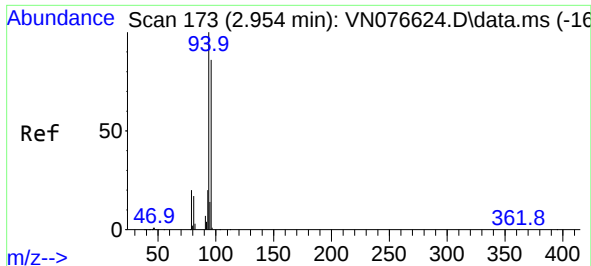
Tgt Ion: 50 Resp: 179635  
Ion Ratio Lower Upper  
50 100  
52 31.5 24.7 37.1



#4  
Vinyl Chloride  
Concen: 46.439 ug/l  
RT: 2.525 min Scan# 100  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 62 Resp: 182653  
Ion Ratio Lower Upper  
62 100  
64 30.1 23.9 35.9

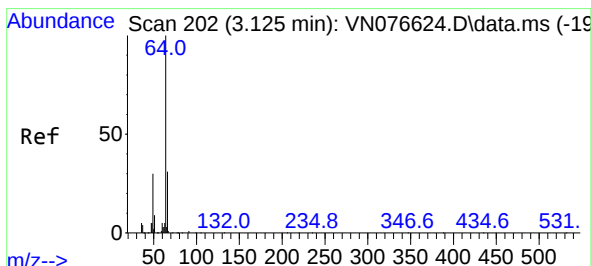
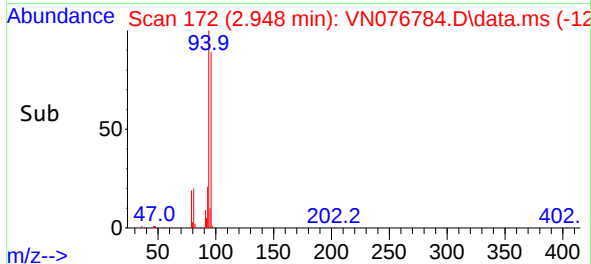
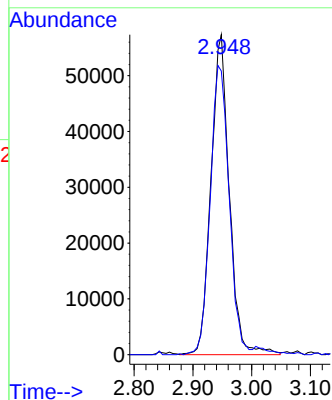
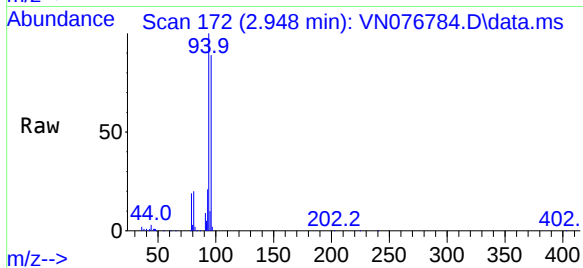




#5  
Bromomethane  
Concen: 52.042 ug/l  
RT: 2.948 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

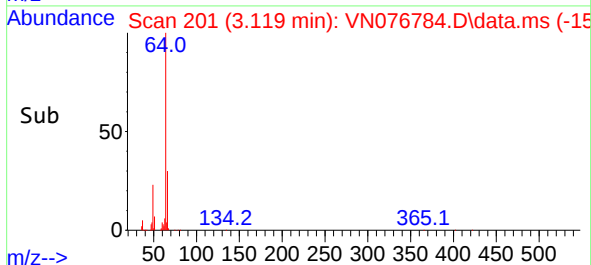
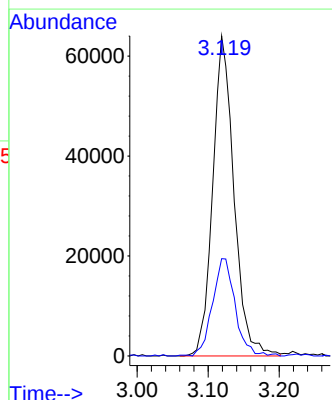
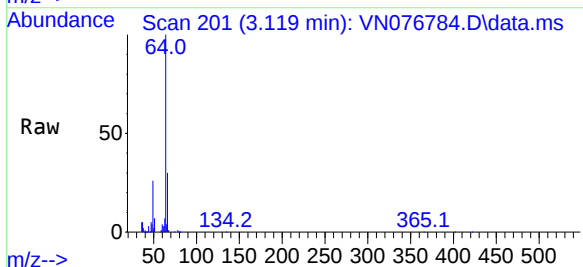
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

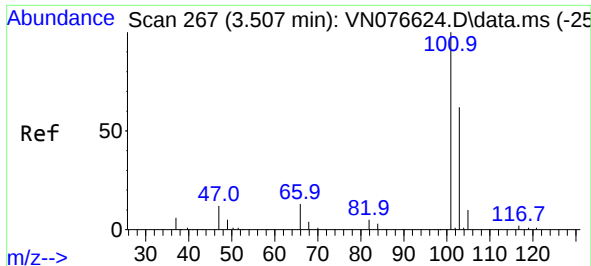
Tgt Ion: 94 Resp: 124027  
Ion Ratio Lower Upper  
94 100  
96 88.4 69.0 103.4



#6  
Chloroethane  
Concen: 53.452 ug/l  
RT: 3.119 min Scan# 201  
Delta R.T. -0.006 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 64 Resp: 132866  
Ion Ratio Lower Upper  
64 100  
66 30.4 24.6 37.0

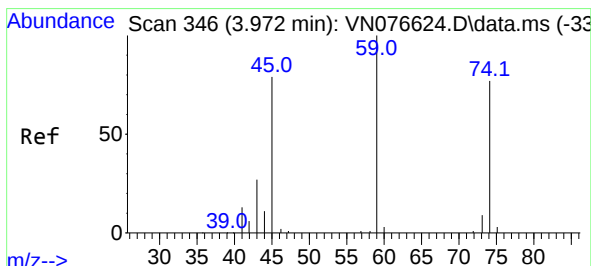
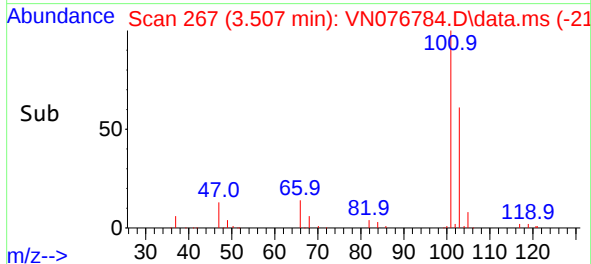
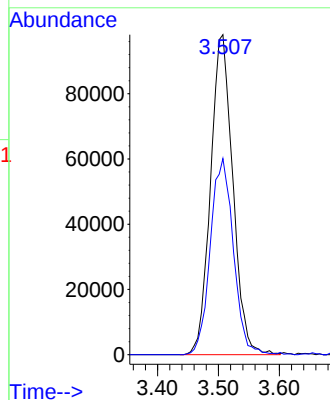
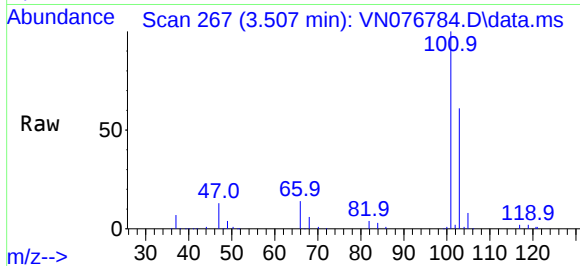




#7  
Trichlorofluoromethane  
Concen: 46.667 ug/l  
RT: 3.507 min Scan# 267  
Delta R.T. 0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

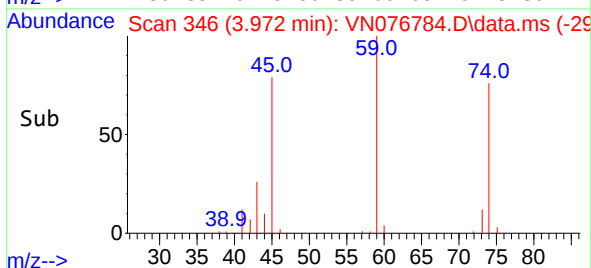
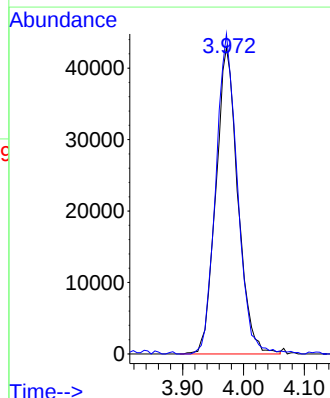
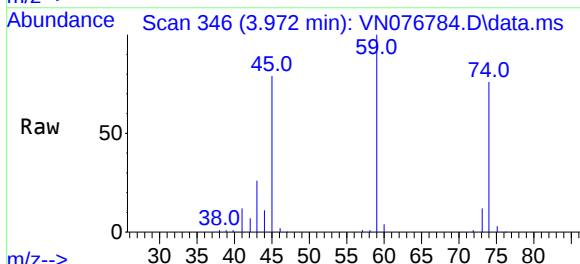
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

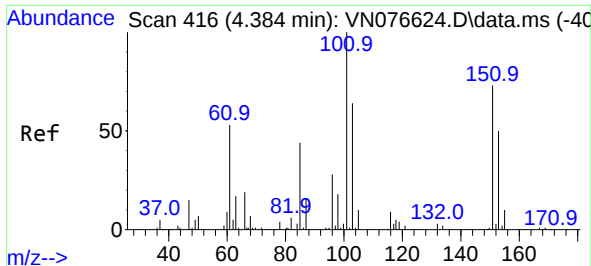
Tgt Ion:101 Resp: 249745  
Ion Ratio Lower Upper  
101 100  
103 61.3 49.4 74.2



#8  
Diethyl Ether  
Concen: 52.091 ug/l  
RT: 3.972 min Scan# 346  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 74 Resp: 107419  
Ion Ratio Lower Upper  
74 100  
45 102.9 51.3 153.9

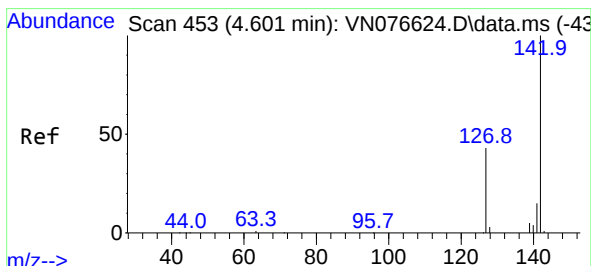
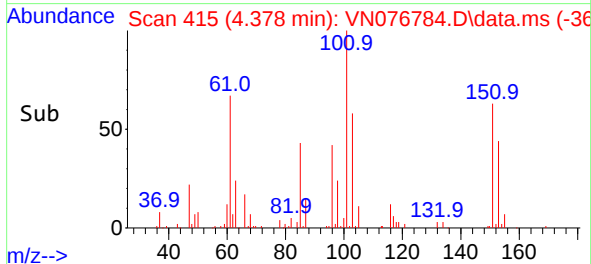
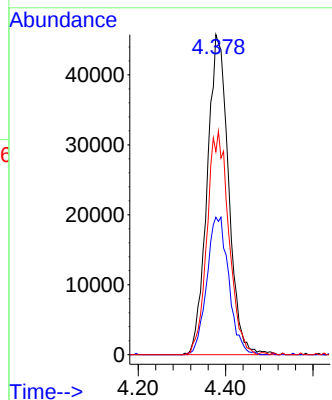
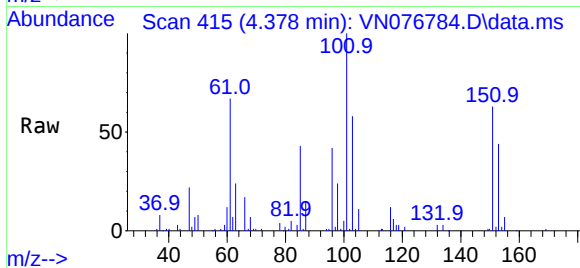




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.423 ug/l  
RT: 4.378 min Scan# 416  
Delta R.T. -0.006 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

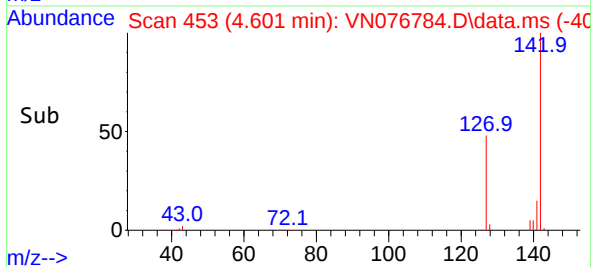
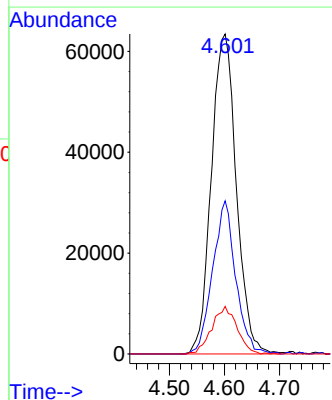
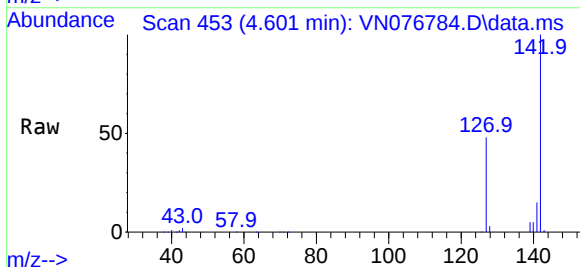
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

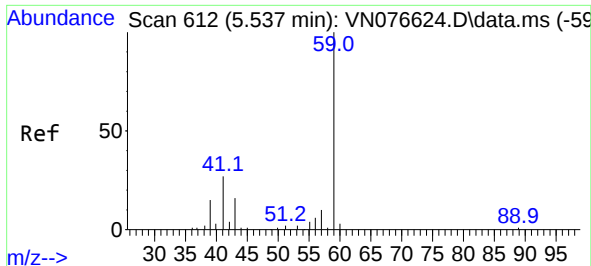
Tgt Ion:101 Resp: 155411  
Ion Ratio Lower Upper  
101 100  
85 44.1 37.4 56.0  
151 71.2 58.7 88.1



#10  
Methyl Iodide  
Concen: 51.657 ug/l  
RT: 4.601 min Scan# 453  
Delta R.T. 0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion:142 Resp: 200596  
Ion Ratio Lower Upper  
142 100  
127 47.9 34.6 51.8  
141 14.8 11.7 17.5

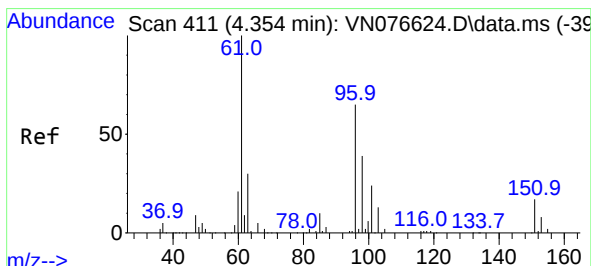
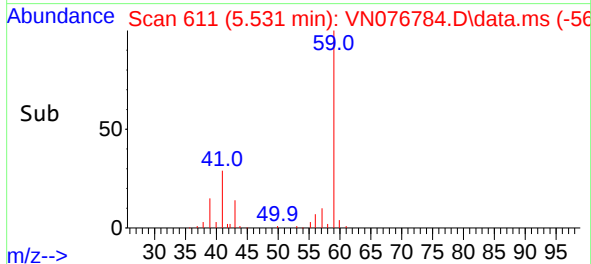
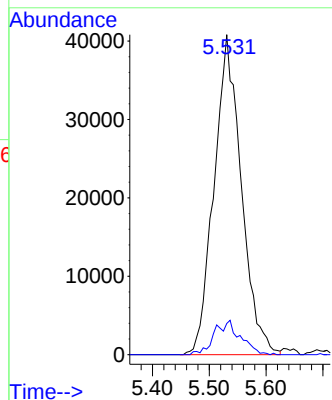
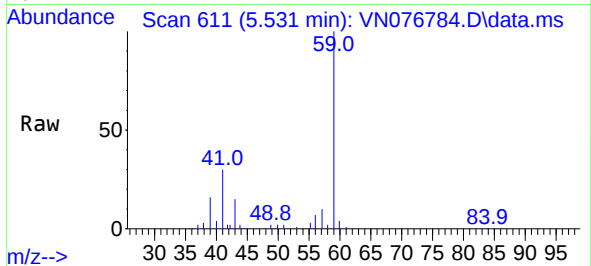




#11  
Tert butyl alcohol  
Concen: 258.267 ug/l  
RT: 5.531 min Scan# 611  
Delta R.T. -0.006 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

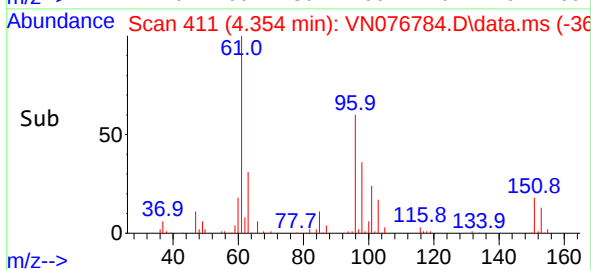
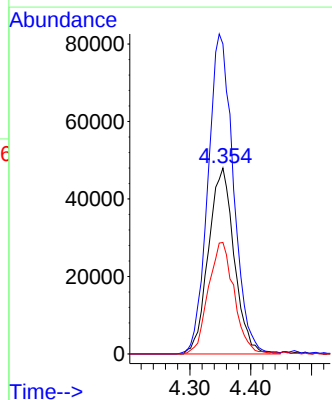
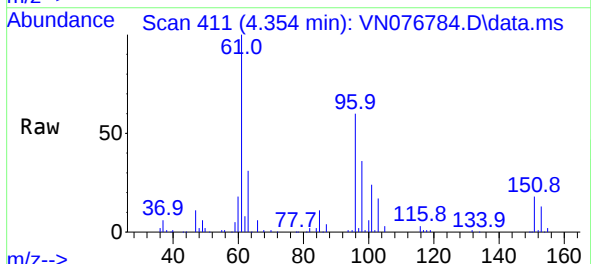
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

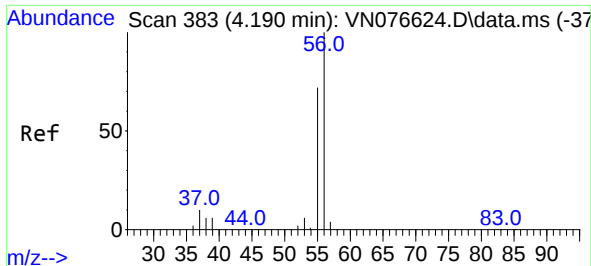
Tgt Ion: 59 Resp: 135797  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 47.387 ug/l  
RT: 4.354 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 96 Resp: 141099  
Ion Ratio Lower Upper  
96 100  
61 166.4 123.8 185.6  
98 60.0 48.4 72.6

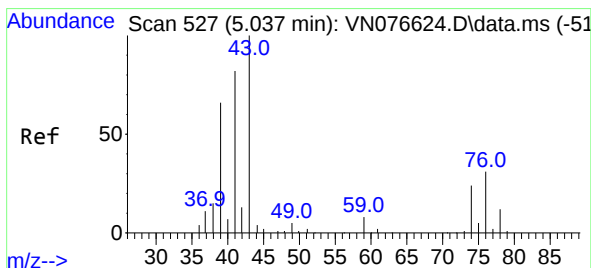
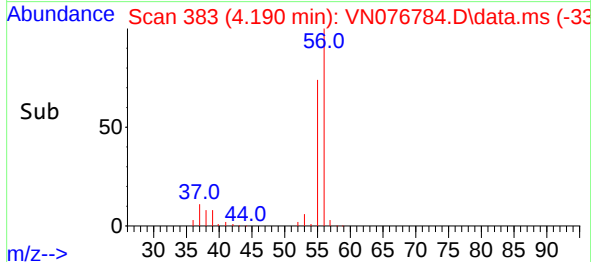
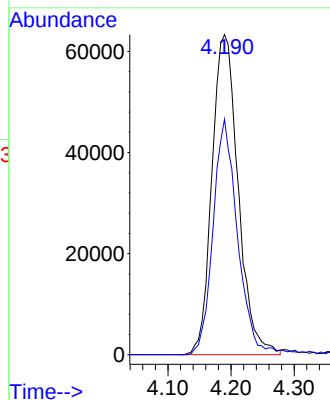
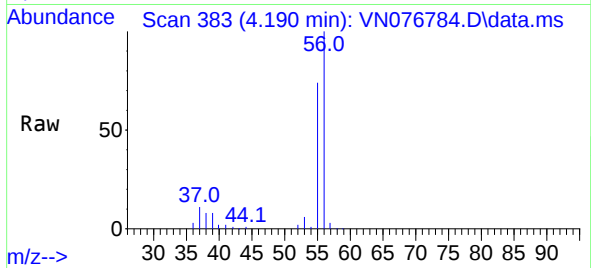




#13  
Acrolein  
Concen: 231.619 ug/l  
RT: 4.190 min Scan# 383  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

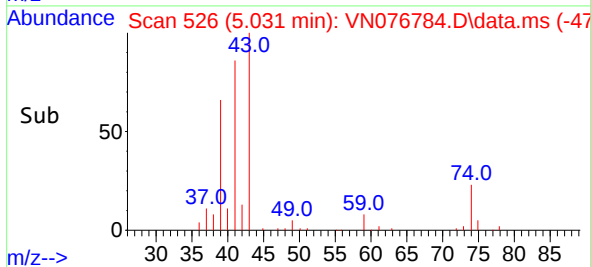
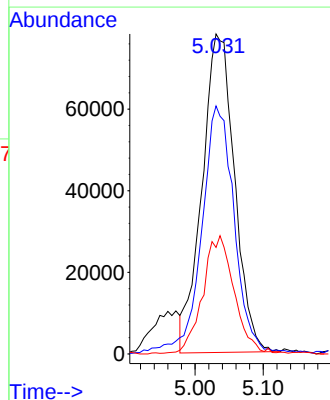
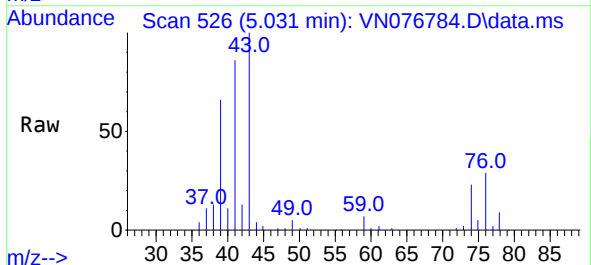
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

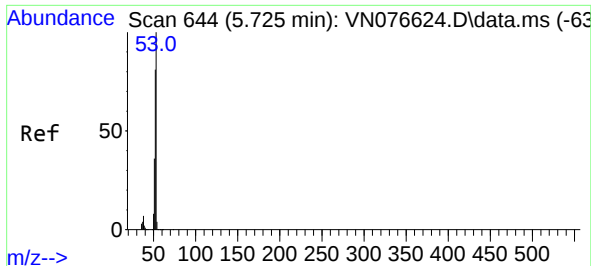
Tgt Ion: 56 Resp: 182838  
Ion Ratio Lower Upper  
56 100  
55 68.5 56.3 84.5



#14  
Allyl chloride  
Concen: 50.217 ug/l  
RT: 5.031 min Scan# 526  
Delta R.T. -0.006 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 41 Resp: 259082  
Ion Ratio Lower Upper  
41 100  
39 79.1 62.3 93.5  
76 35.4 27.0 40.6

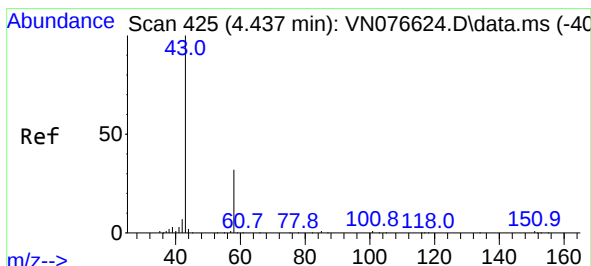
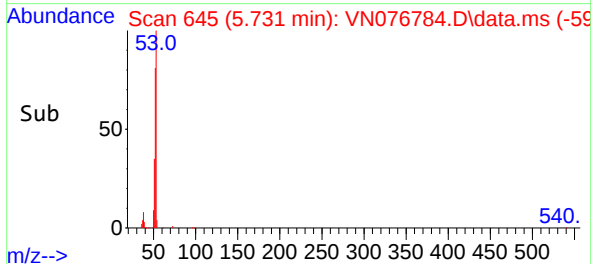
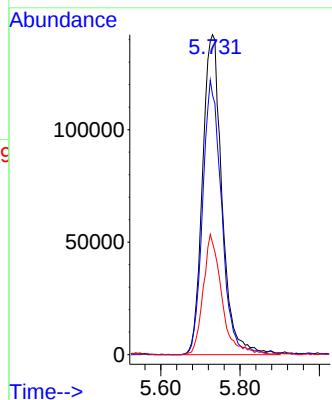
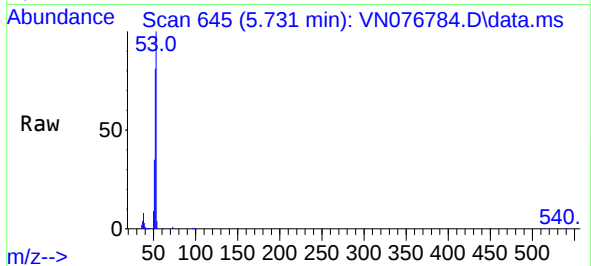




#15  
Acrylonitrile  
Concen: 260.346 ug/l  
RT: 5.731 min Scan# 644  
Delta R.T. 0.006 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

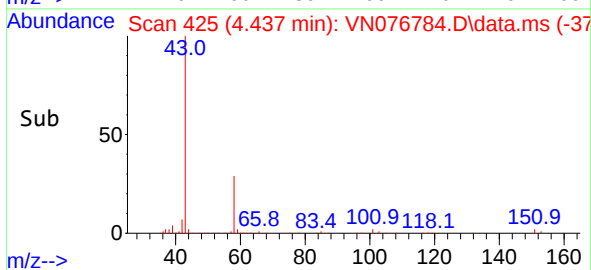
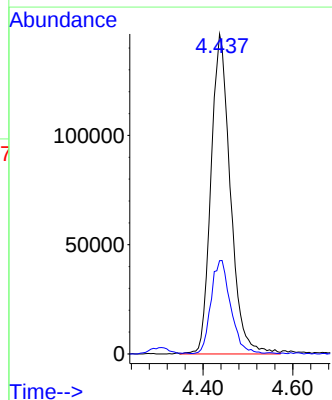
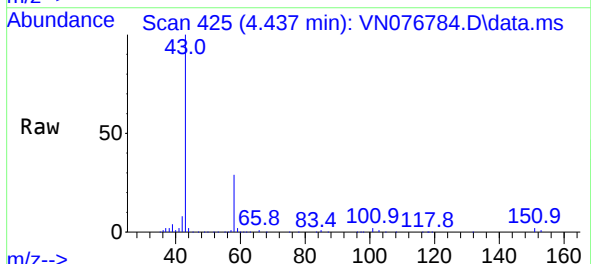
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

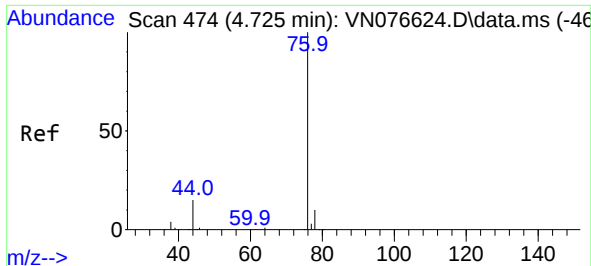
Tgt Ion: 53 Resp: 485814  
Ion Ratio Lower Upper  
53 100  
52 83.4 65.3 97.9  
51 35.8 29.2 43.8



#16  
Acetone  
Concen: 247.744 ug/l  
RT: 4.437 min Scan# 425  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 43 Resp: 440825  
Ion Ratio Lower Upper  
43 100  
58 28.9 25.9 38.9

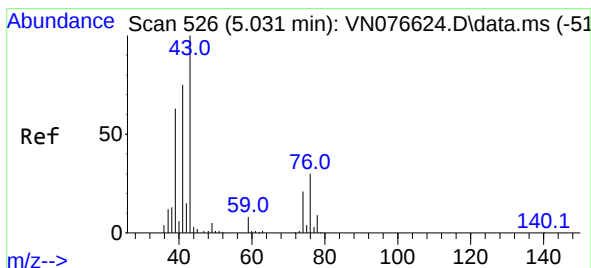
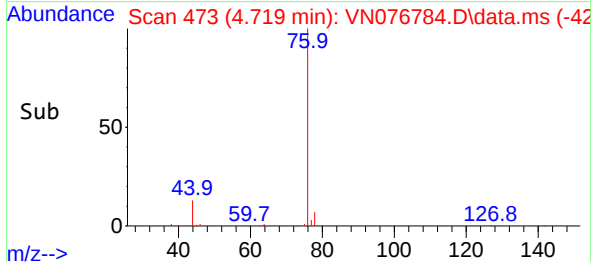
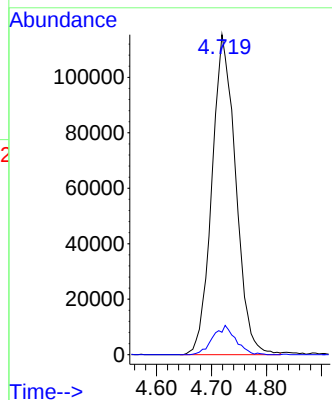
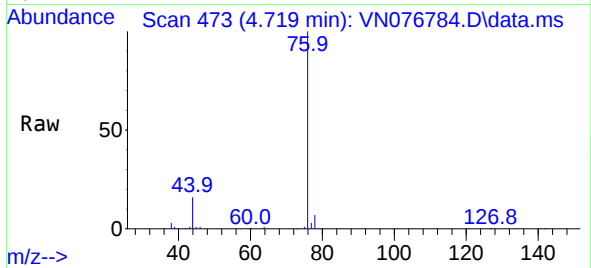




#17  
Carbon Disulfide  
Concen: 44.159 ug/l  
RT: 4.719 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

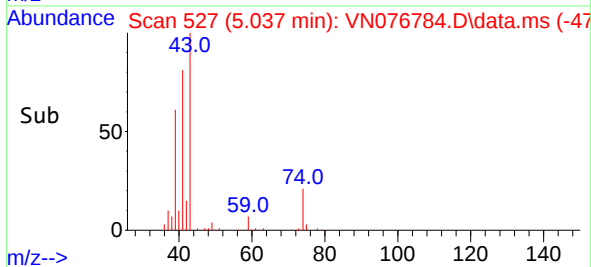
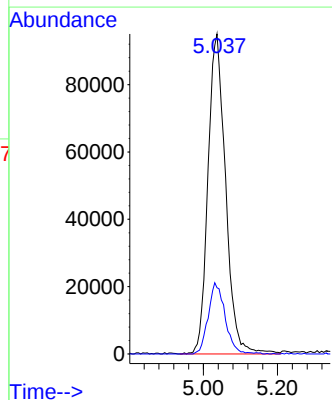
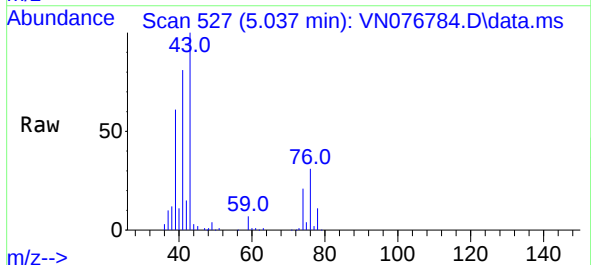
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

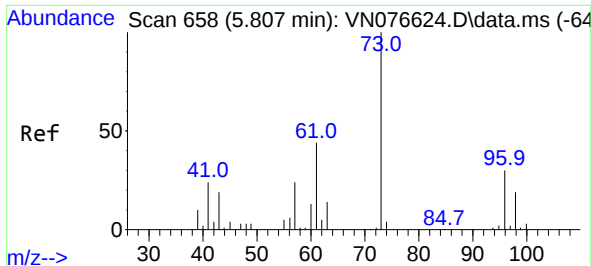
Tgt Ion: 76 Resp: 347168  
Ion Ratio Lower Upper  
76 100  
78 7.0 7.8 11.8#



#18  
Methyl Acetate  
Concen: 54.032 ug/l  
RT: 5.037 min Scan# 527  
Delta R.T. 0.006 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 43 Resp: 313825  
Ion Ratio Lower Upper  
43 100  
74 21.3 17.7 26.5

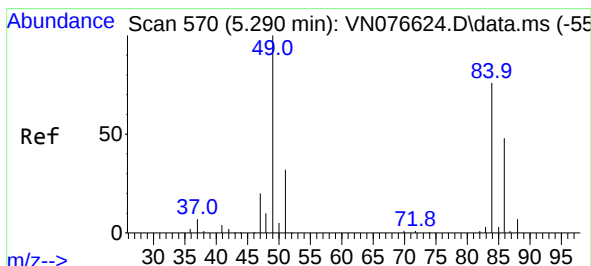
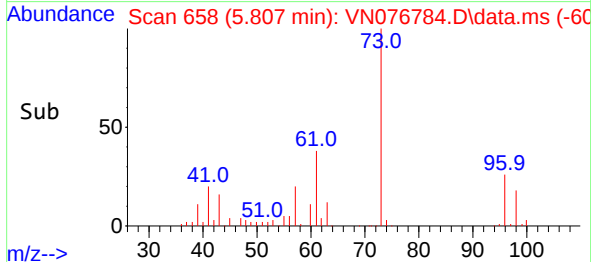
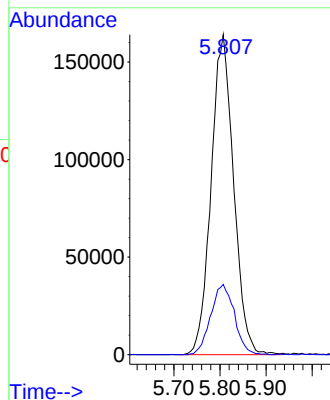
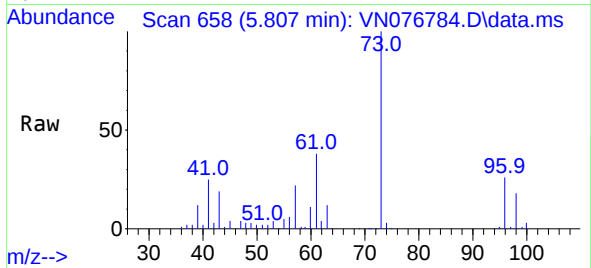




#19  
Methyl tert-butyl Ether  
Concen: 55.438 ug/l  
RT: 5.807 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

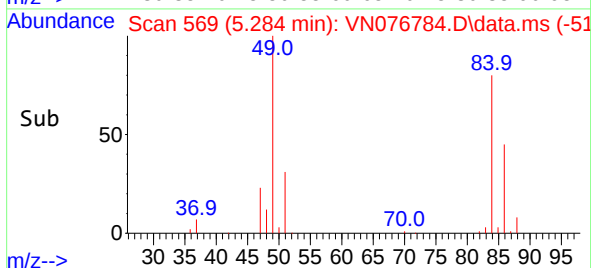
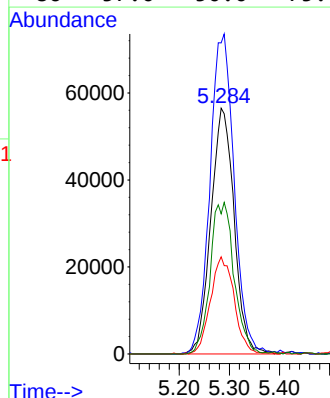
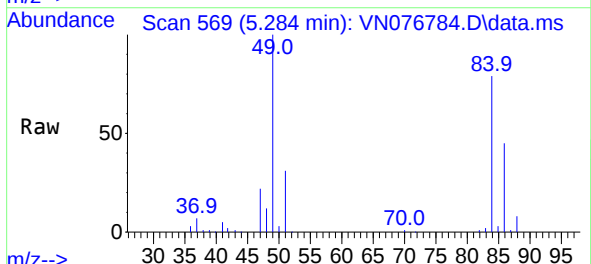
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

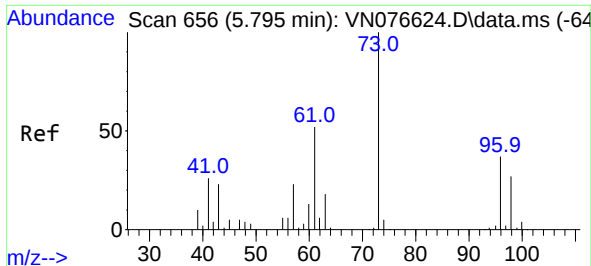
Tgt Ion: 73 Resp: 556537  
Ion Ratio Lower Upper  
73 100  
57 21.9 19.0 28.4



#20  
Methylene Chloride  
Concen: 48.899 ug/l  
RT: 5.284 min Scan# 569  
Delta R.T. -0.006 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 84 Resp: 182353  
Ion Ratio Lower Upper  
84 100  
49 126.5 104.9 157.3  
51 39.5 33.8 50.8  
86 57.0 50.0 75.0

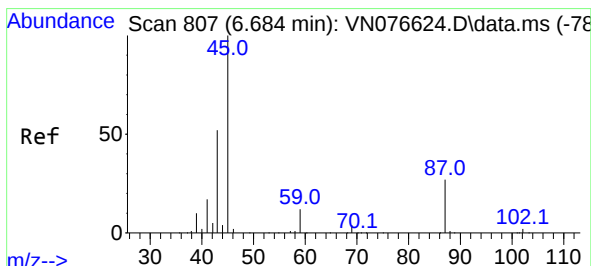
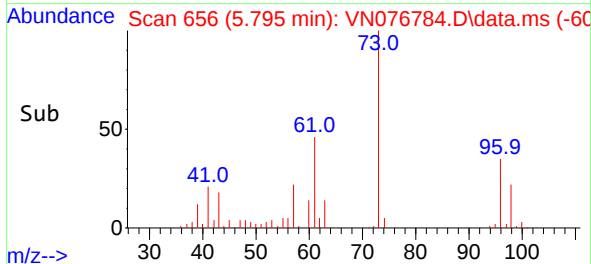
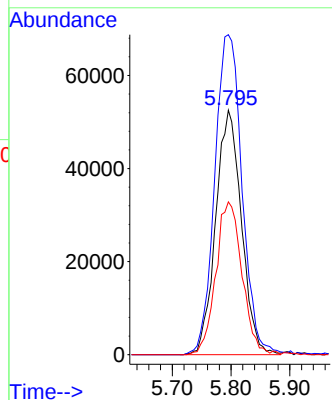
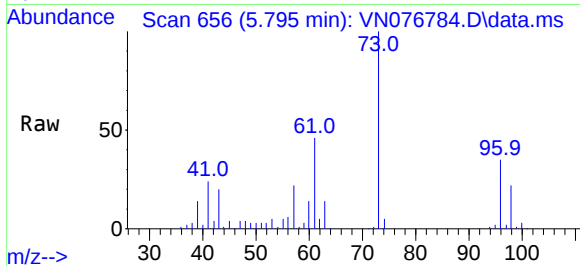




#21  
trans-1,2-Dichloroethene  
Concen: 47.777 ug/l  
RT: 5.795 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

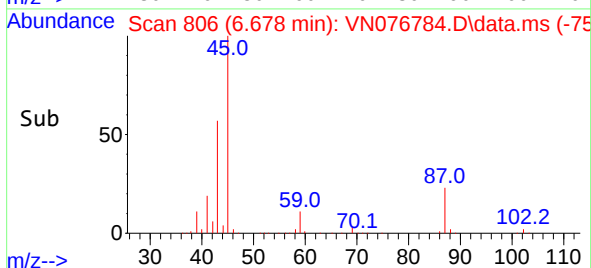
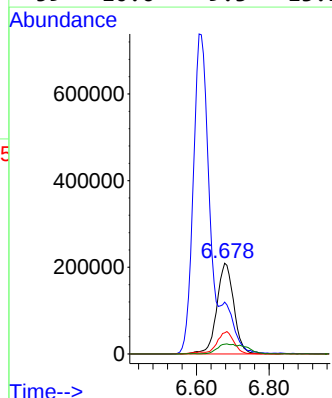
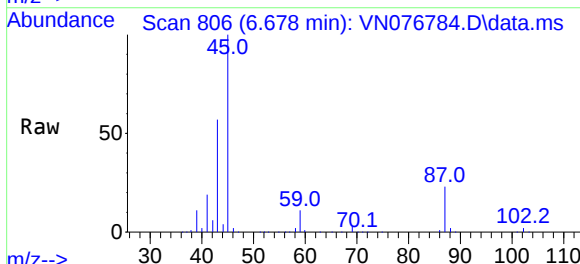
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ClientSampleId :  
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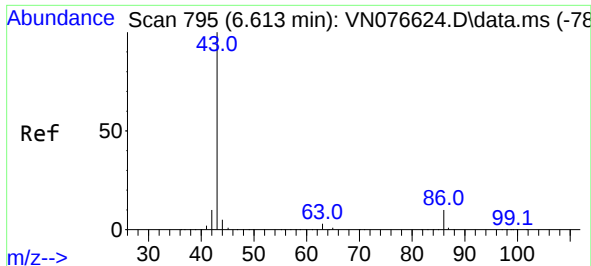
Tgt Ion: 96 Resp: 160140  
Ion Ratio Lower Upper  
96 100  
61 130.9 113.9 170.9  
98 62.5 59.4 89.0



#22  
Diisopropyl ether  
Concen: 56.349 ug/l  
RT: 6.678 min Scan# 806  
Delta R.T. -0.006 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 45 Resp: 681885  
Ion Ratio Lower Upper  
45 100  
43 56.1 41.8 62.6  
87 23.2 21.8 32.8  
59 10.6 9.3 13.9

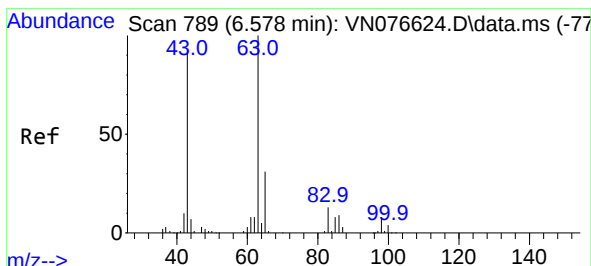
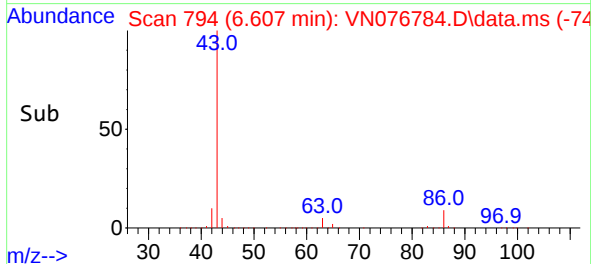
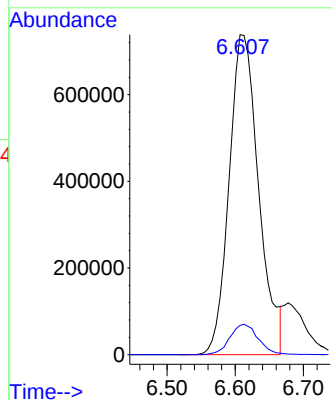
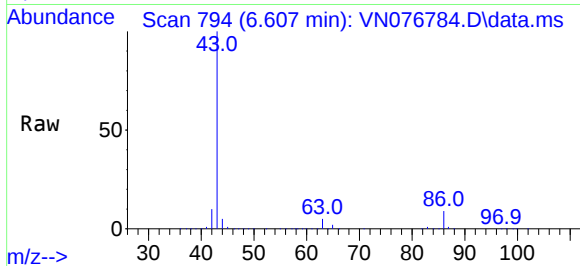




#23  
 Vinyl Acetate  
 Concen: 311.087 ug/l  
 RT: 6.607 min Scan# 794  
 Delta R.T. -0.006 min  
 Lab File: VN076784.D  
 Acq: 23 Feb 2023 11:00

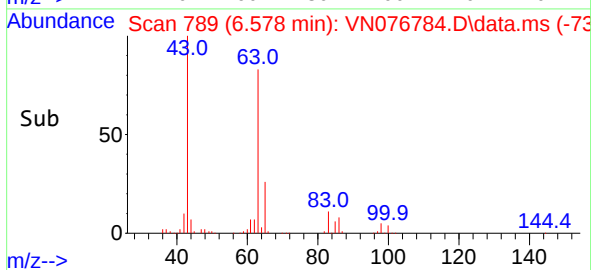
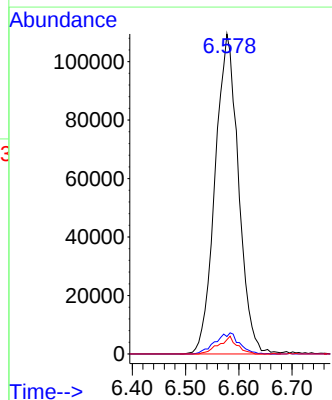
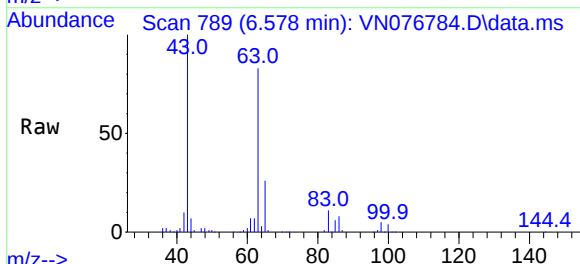
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 ClientSampleId :  
 VSTDCCC050

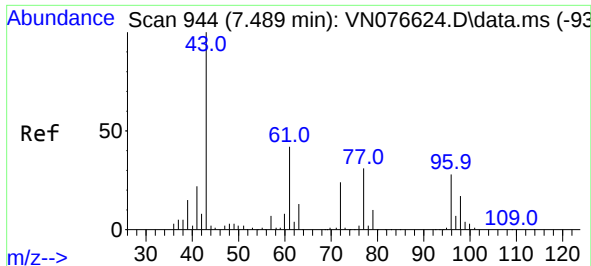
Tgt Ion: 43 Resp: 2227307  
 Ion Ratio Lower Upper  
 43 100  
 86 9.2 8.2 12.2



#24  
 1,1-Dichloroethane  
 Concen: 50.310 ug/l  
 RT: 6.578 min Scan# 789  
 Delta R.T. -0.000 min  
 Lab File: VN076784.D  
 Acq: 23 Feb 2023 11:00

Tgt Ion: 63 Resp: 333659  
 Ion Ratio Lower Upper  
 63 100  
 98 5.5 4.1 12.3  
 100 4.5 2.0 5.8

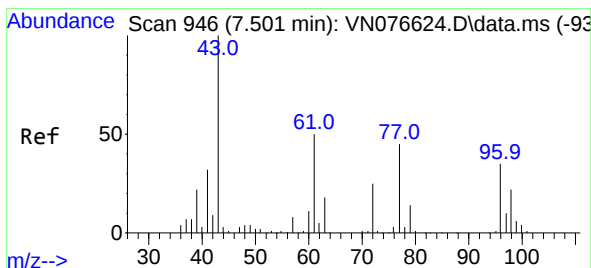
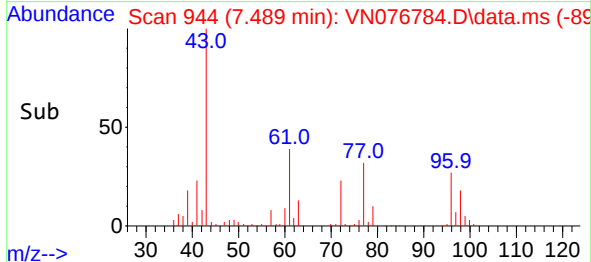
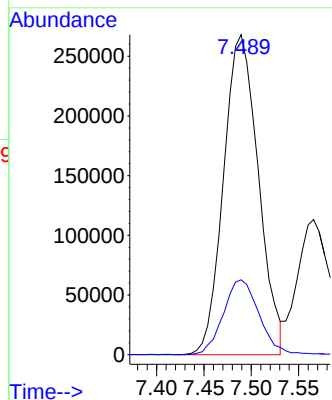
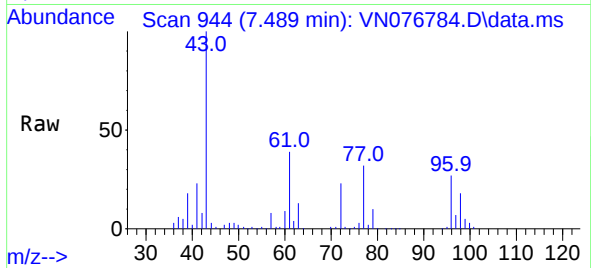




#25  
2-Butanone  
Concen: 261.521 ug/l  
RT: 7.489 min Scan# 944  
Delta R.T. 0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

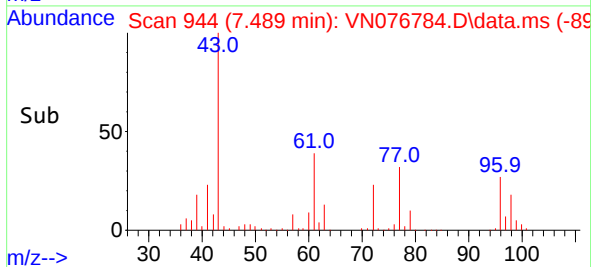
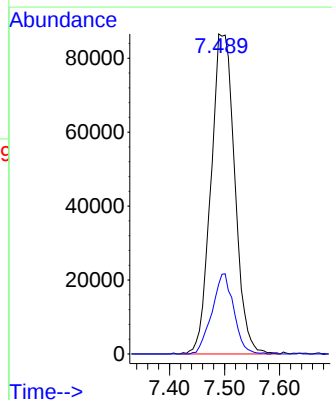
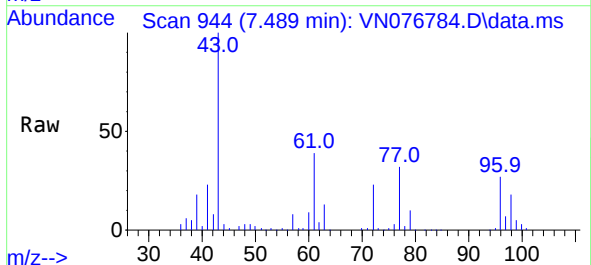
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

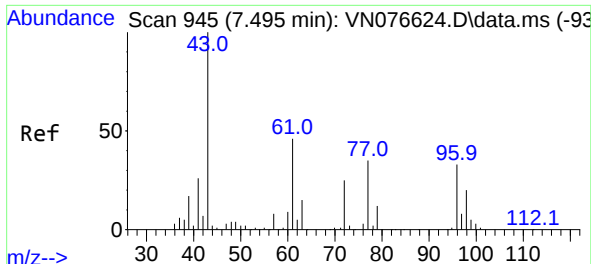
Tgt Ion: 43 Resp: 686411  
Ion Ratio Lower Upper  
43 100  
72 23.4 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 54.386 ug/l  
RT: 7.489 min Scan# 944  
Delta R.T. -0.012 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 77 Resp: 260164  
Ion Ratio Lower Upper  
77 100  
97 23.0 11.9 35.7

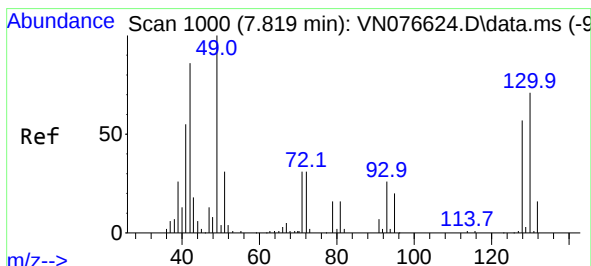
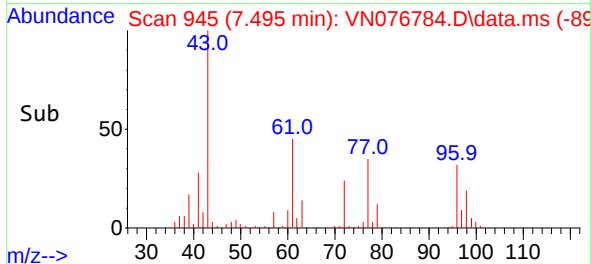
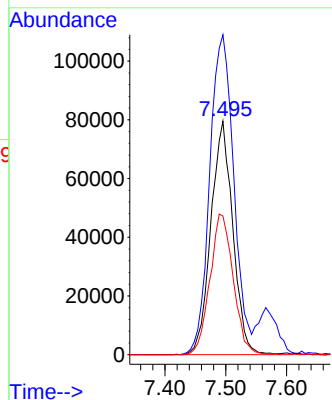
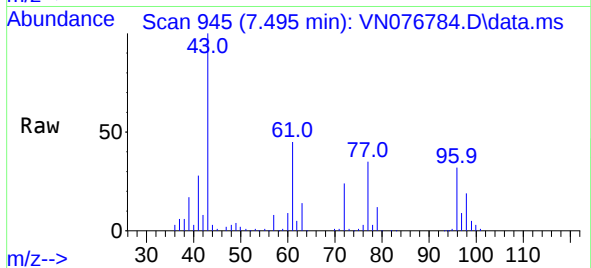




#27  
cis-1,2-Dichloroethene  
Concen: 50.196 ug/l  
RT: 7.495 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

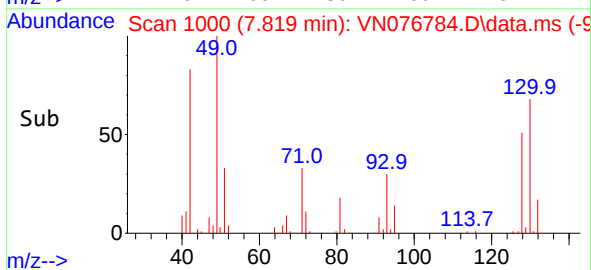
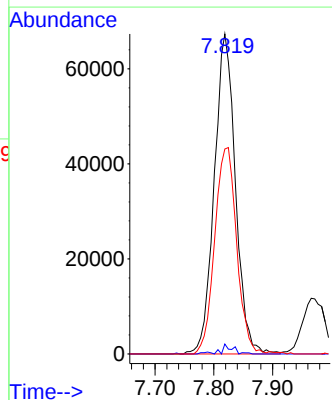
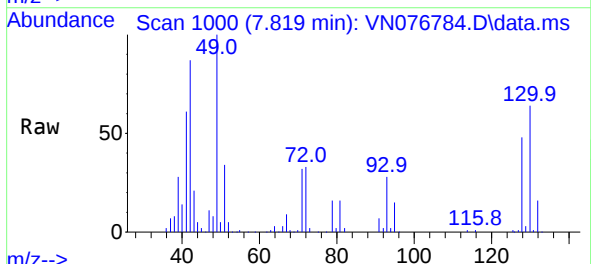
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

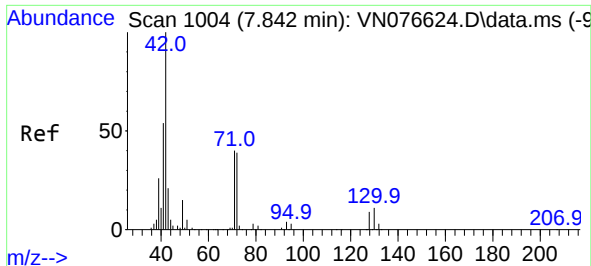
Tgt Ion: 96 Resp: 199554  
Ion Ratio Lower Upper  
96 100  
61 149.6 0.0 286.8  
98 63.8 0.0 124.0



#28  
Bromochloromethane  
Concen: 53.426 ug/l  
RT: 7.819 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 49 Resp: 168637  
Ion Ratio Lower Upper  
49 100  
129 1.5 0.0 4.0  
130 66.8 57.8 86.8

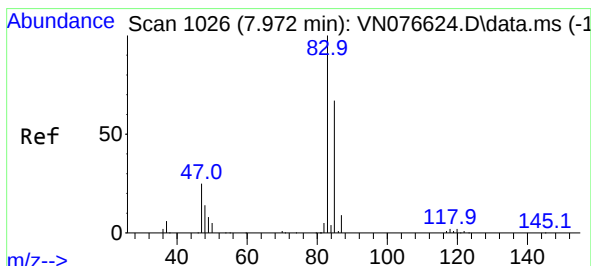
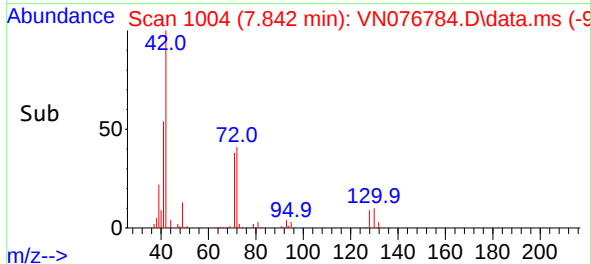
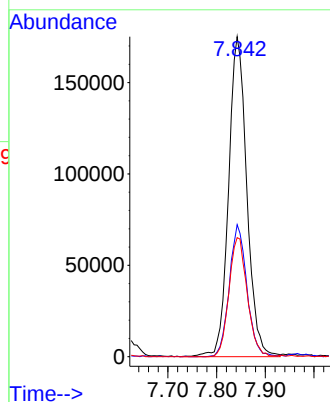
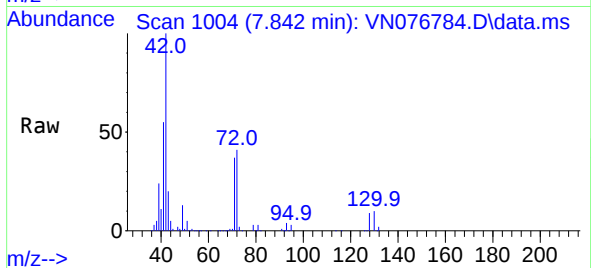




#29  
Tetrahydrofuran  
Concen: 265.748 ug/l  
RT: 7.842 min Scan# 1004  
Delta R.T. 0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

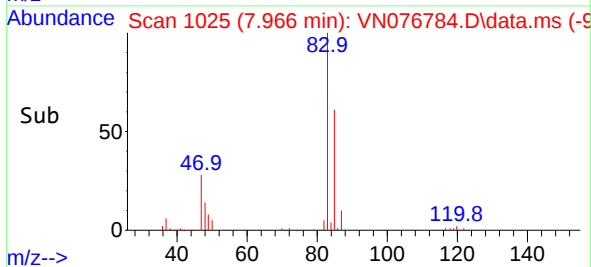
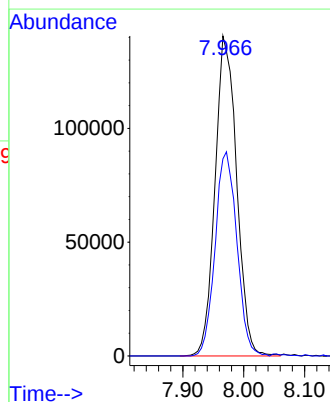
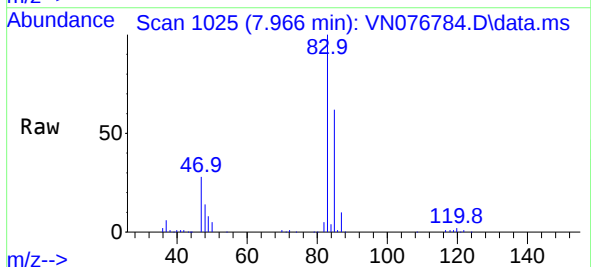
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

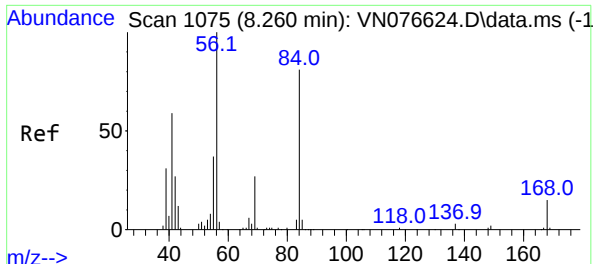
Tgt Ion: 42 Resp: 455715  
Ion Ratio Lower Upper  
42 100  
72 39.7 31.5 47.3  
71 37.1 29.8 44.8



#30  
Chloroform  
Concen: 52.328 ug/l  
RT: 7.966 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 83 Resp: 346737  
Ion Ratio Lower Upper  
83 100  
85 61.6 53.5 80.3

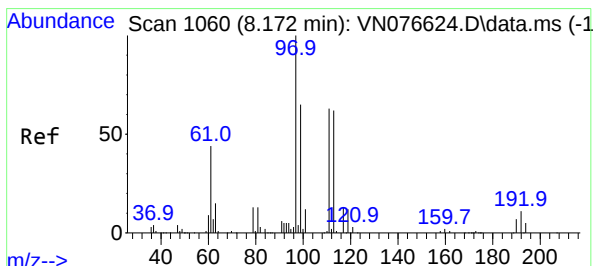
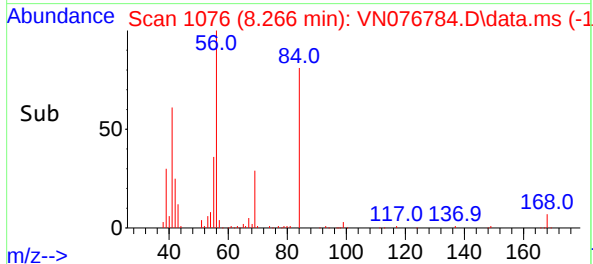
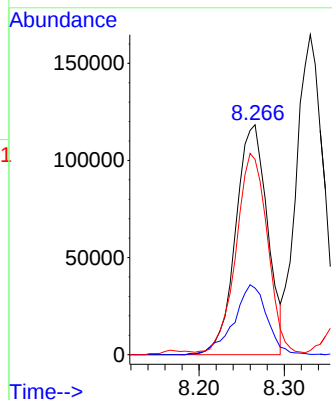
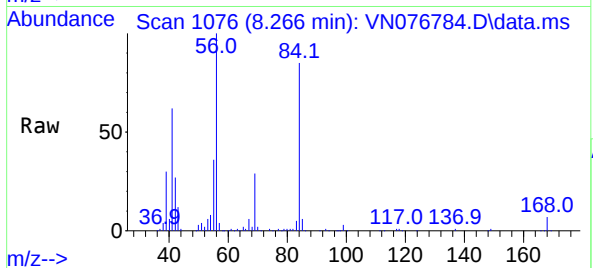




#31  
Cyclohexane  
Concen: 49.118 ug/l  
RT: 8.266 min Scan# 1075  
Delta R.T. 0.006 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

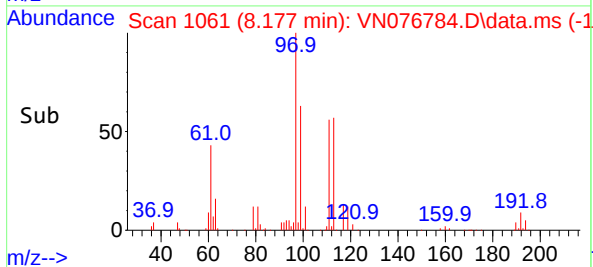
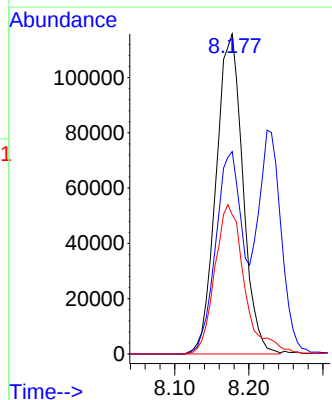
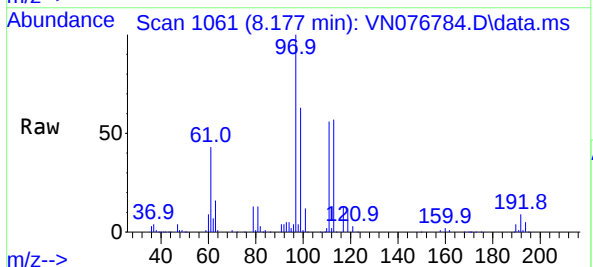
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

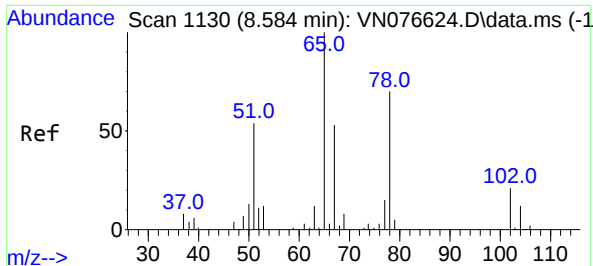
Tgt Ion: 56 Resp: 306921  
Ion Ratio Lower Upper  
56 100  
69 28.9 21.6 32.4  
84 83.5 65.1 97.7



#32  
1,1,1-Trichloroethane  
Concen: 52.120 ug/l  
RT: 8.177 min Scan# 1061  
Delta R.T. 0.005 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 97 Resp: 290380  
Ion Ratio Lower Upper  
97 100  
99 63.8 51.2 76.8  
61 51.8 38.2 57.2

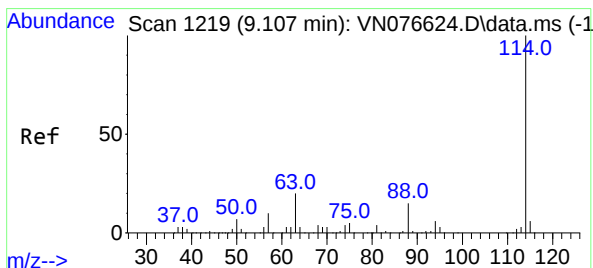
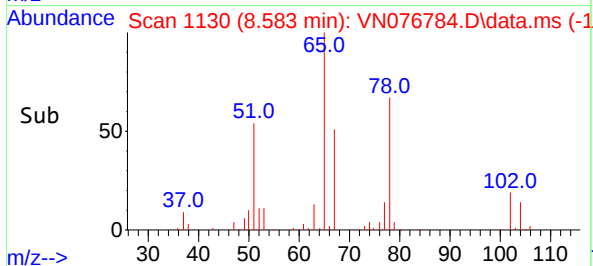
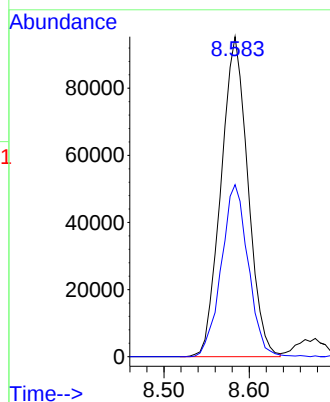
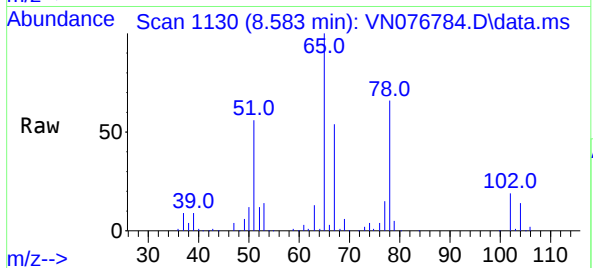




#33  
1,2-Dichloroethane-d4  
Concen: 52.455 ug/l  
RT: 8.583 min Scan# 1130  
Delta R.T. -0.001 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

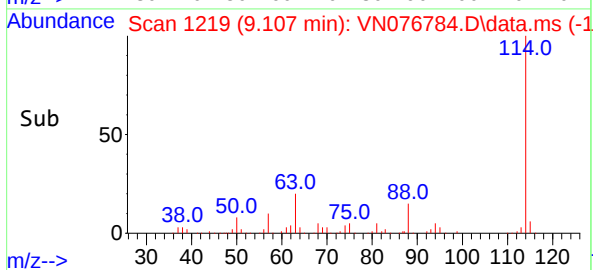
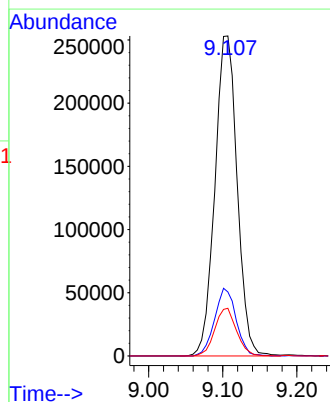
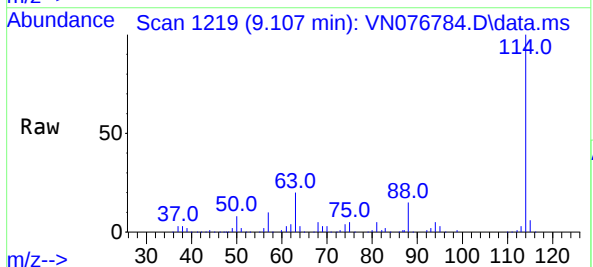
Instrument :  
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ClientSampleId :  
VSTDCCC050

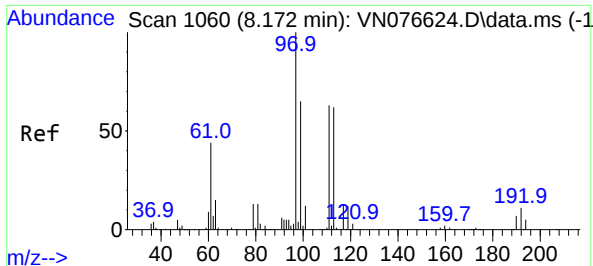
Tgt Ion: 65 Resp: 208953  
Ion Ratio Lower Upper  
65 100  
67 53.8 0.0 105.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.107 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 114 Resp: 527807  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 40.0  
88 14.9 0.0 29.6

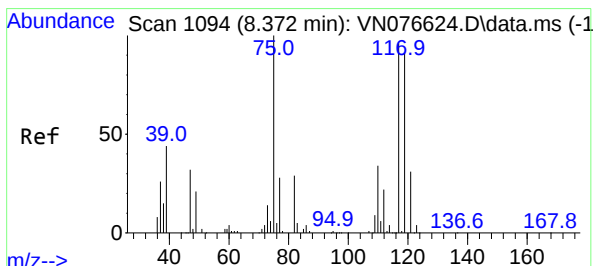
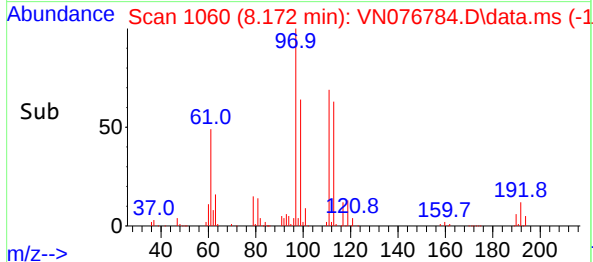
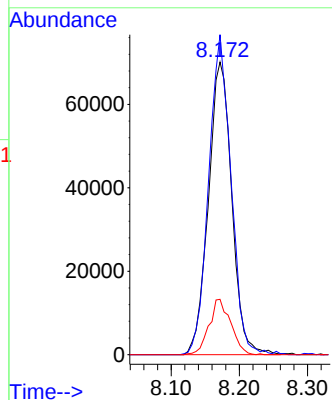
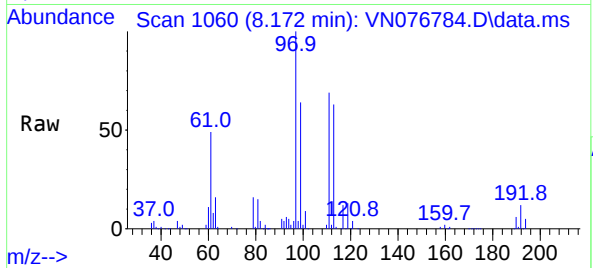




#35  
Dibromofluoromethane  
Concen: 48.486 ug/l  
RT: 8.172 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

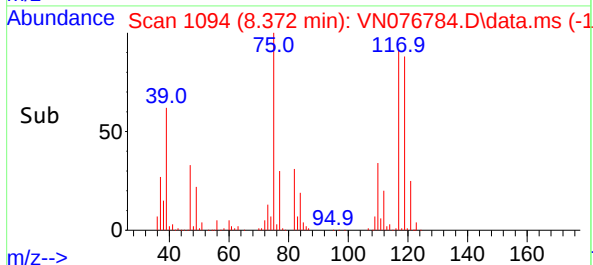
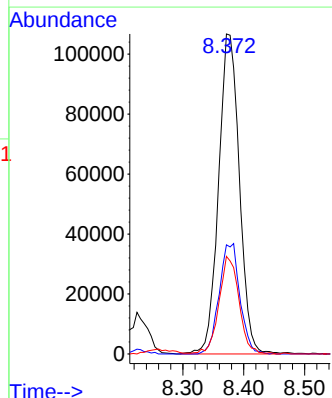
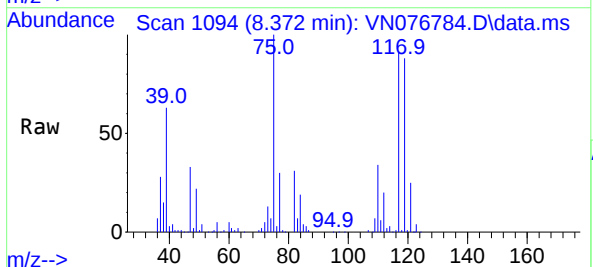
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

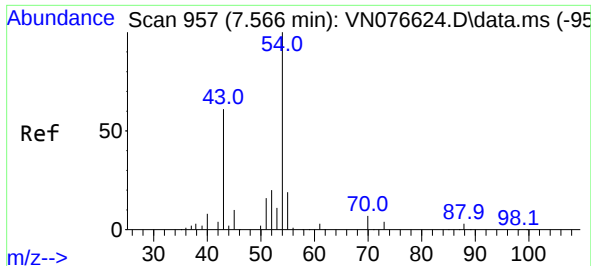
Tgt Ion:113 Resp: 167591  
Ion Ratio Lower Upper  
113 100  
111 104.2 83.1 124.7  
192 17.5 15.6 23.4



#36  
1,1-Dichloropropene  
Concen: 50.684 ug/l  
RT: 8.372 min Scan# 1094  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 75 Resp: 253121  
Ion Ratio Lower Upper  
75 100  
110 34.5 17.5 52.5  
77 29.4 24.5 36.7

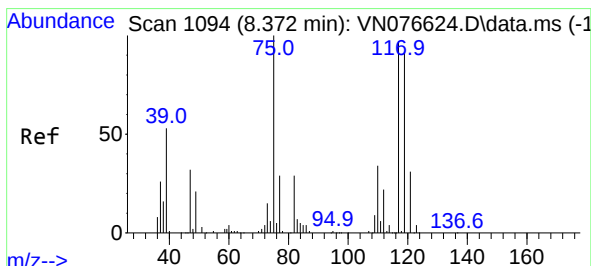
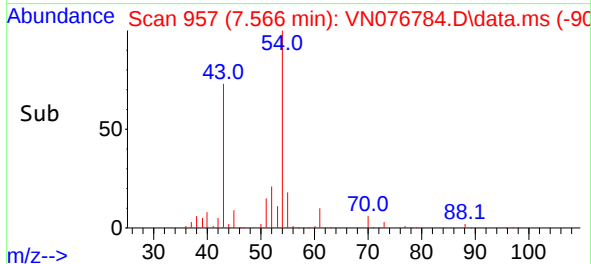
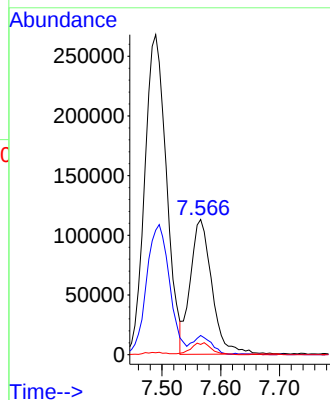
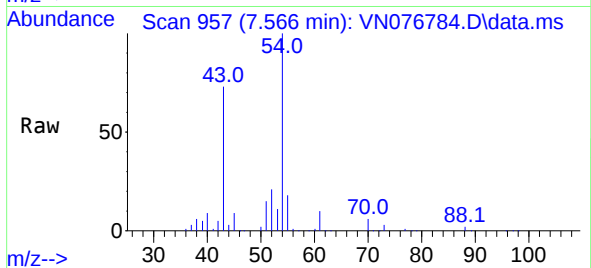




#37  
Ethyl Acetate  
Concen: 54.959 ug/l  
RT: 7.566 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

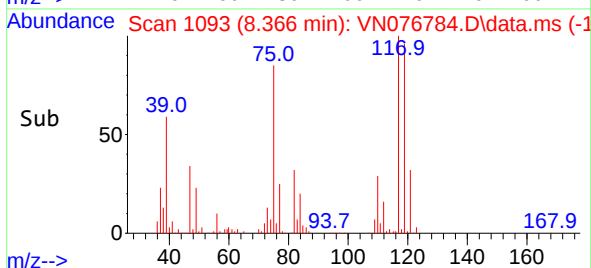
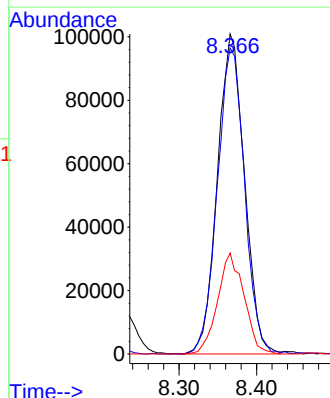
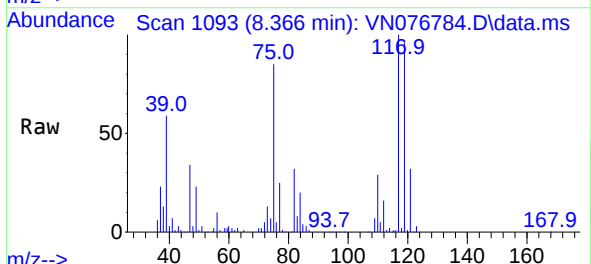
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

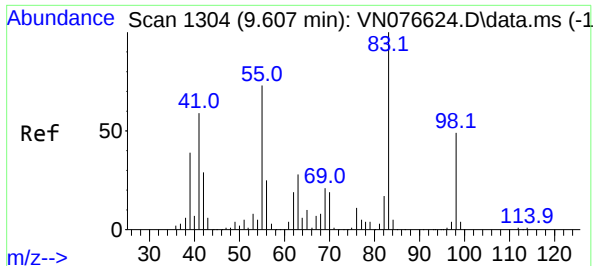
Tgt Ion: 43 Resp: 288780  
Ion Ratio Lower Upper  
43 100  
61 11.9 9.9 14.9  
70 8.5 7.8 11.6



#38  
Carbon Tetrachloride  
Concen: 48.641 ug/l  
RT: 8.366 min Scan# 1093  
Delta R.T. -0.006 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 117 Resp: 245053  
Ion Ratio Lower Upper  
117 100  
119 95.6 75.4 113.0  
121 31.5 26.0 39.0





#39

Methylcyclohexane

Concen: 53.885 ug/l

RT: 9.601 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN076784.D

Acq: 23 Feb 2023 11:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

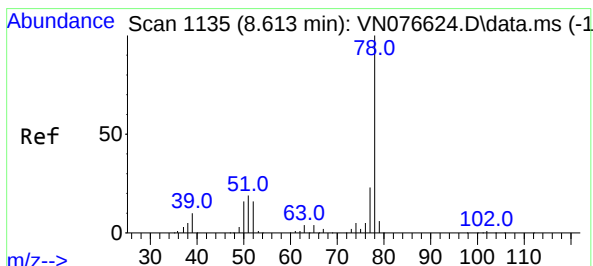
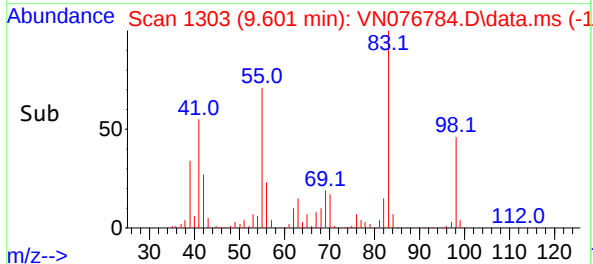
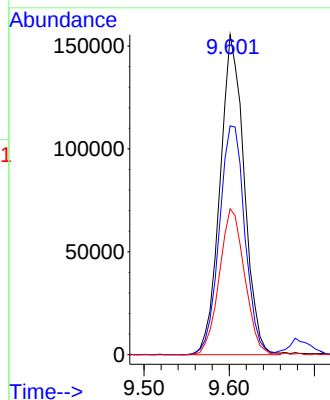
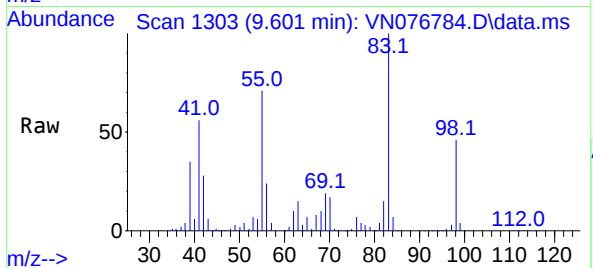
Tgt Ion: 83 Resp: 305892

Ion Ratio Lower Upper

83 100

55 71.5 58.6 88.0

98 45.6 39.4 59.2



#40

Benzene

Concen: 50.674 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN076784.D

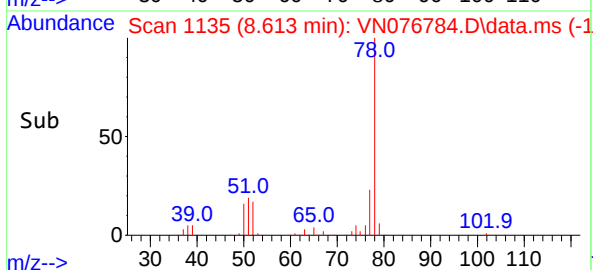
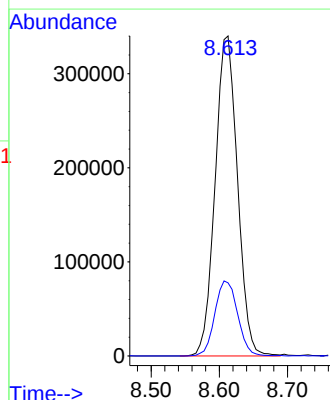
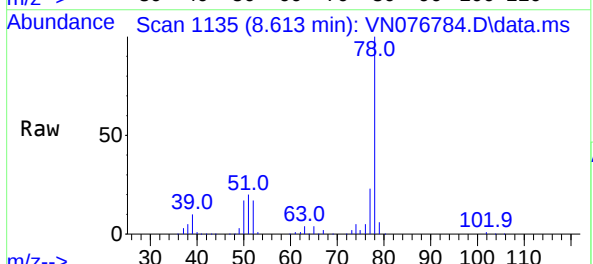
Acq: 23 Feb 2023 11:00

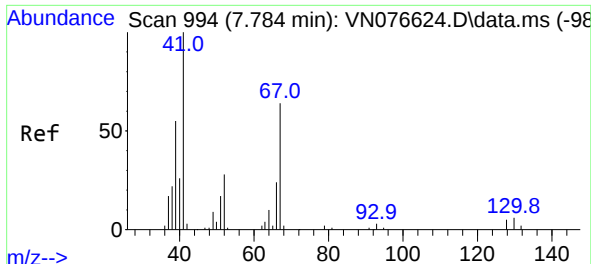
Tgt Ion: 78 Resp: 777156

Ion Ratio Lower Upper

78 100

77 22.8 18.2 27.4



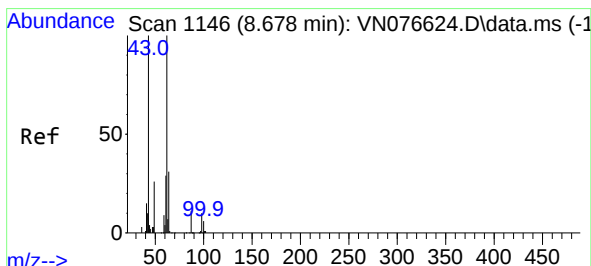
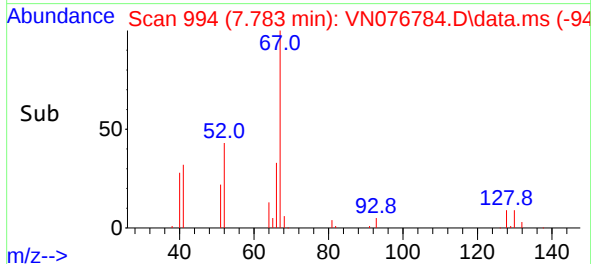
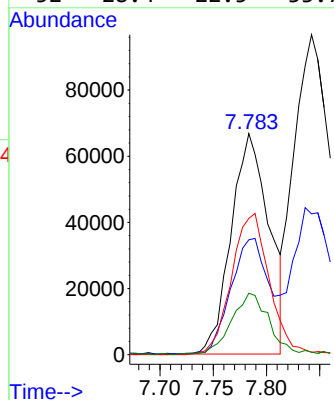
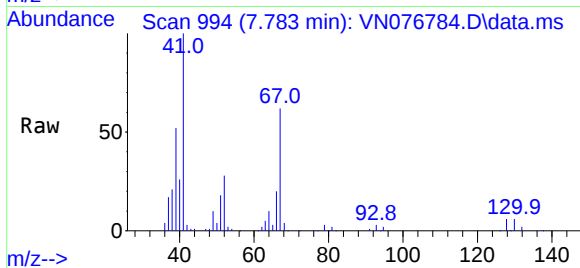


#41  
Methacrylonitrile  
Concen: 54.162 ug/l  
RT: 7.783 min Scan# 994  
Delta R.T. -0.001 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 164867

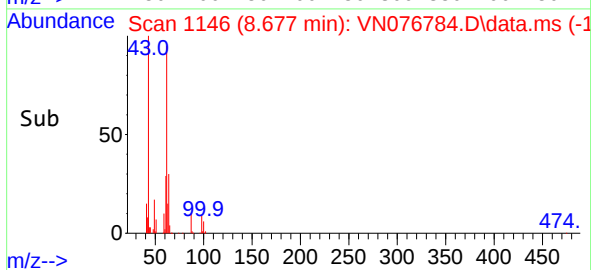
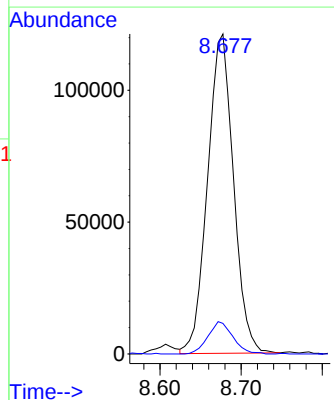
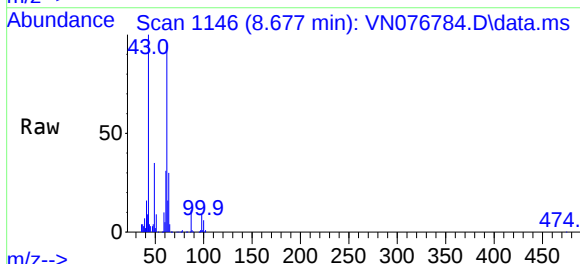
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 51.3  | 42.6  | 63.8  |
| 67  | 64.5  | 51.4  | 77.0  |
| 52  | 28.4  | 22.5  | 33.7  |

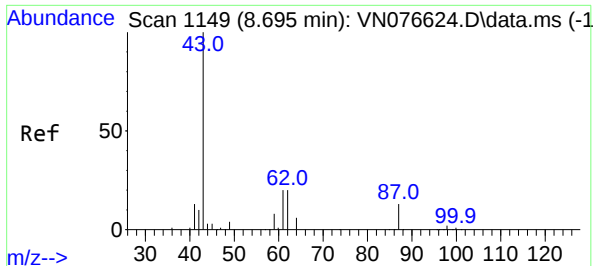


#42  
1,2-Dichloroethane  
Concen: 50.276 ug/l  
RT: 8.677 min Scan# 1146  
Delta R.T. -0.001 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 62 Resp: 268920

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.7   | 0.0   | 19.2  |

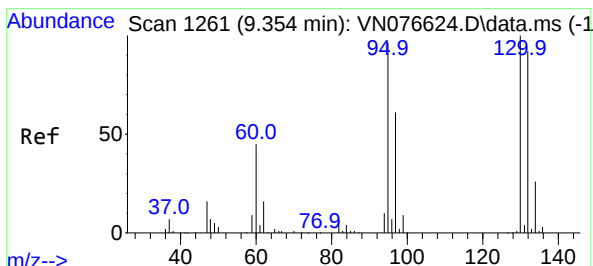
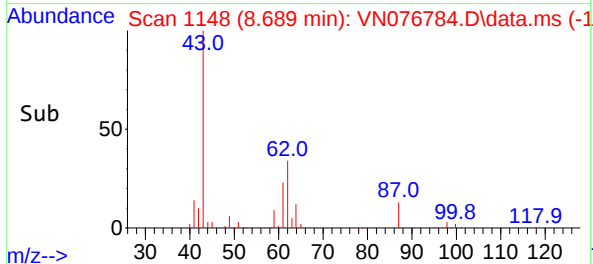
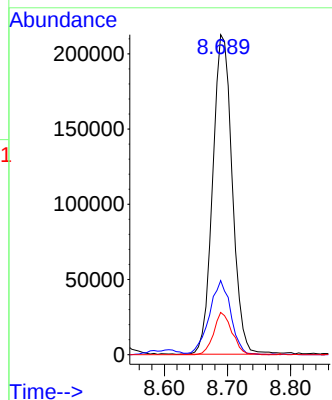
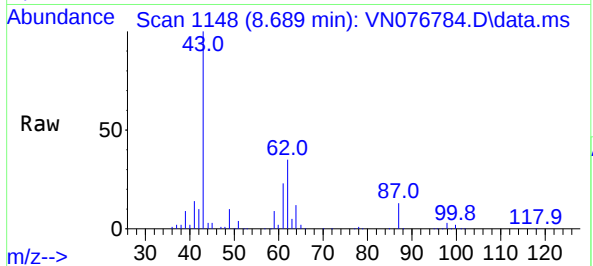




#43  
Isopropyl Acetate  
Concen: 53.369 ug/l  
RT: 8.689 min Scan# 1149  
Delta R.T. -0.006 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

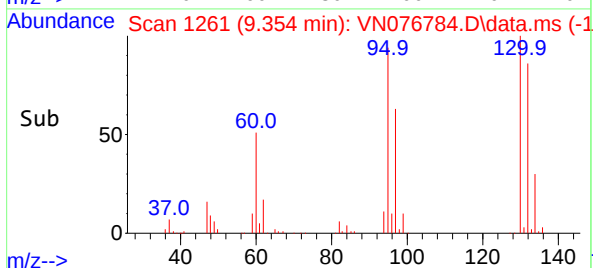
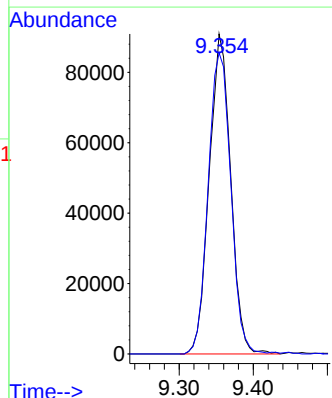
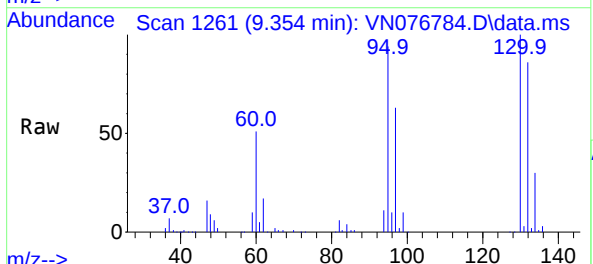
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

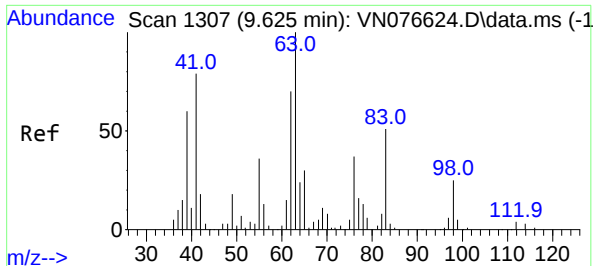
Tgt Ion: 43 Resp: 456313  
Ion Ratio Lower Upper  
43 100  
61 25.7 20.0 30.0  
87 12.4 9.9 14.9



#44  
Trichloroethene  
Concen: 50.498 ug/l  
RT: 9.354 min Scan# 1261  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion:130 Resp: 183012  
Ion Ratio Lower Upper  
130 100  
95 94.1 0.0 191.4





#45

1,2-Dichloropropane

Concen: 51.920 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN076784.D

Acq: 23 Feb 2023 11:00

Instrument :

MSVOA\_N

ClientSampleId :

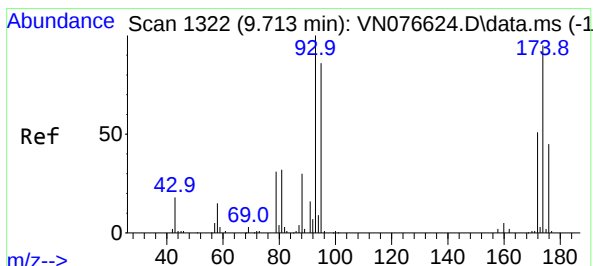
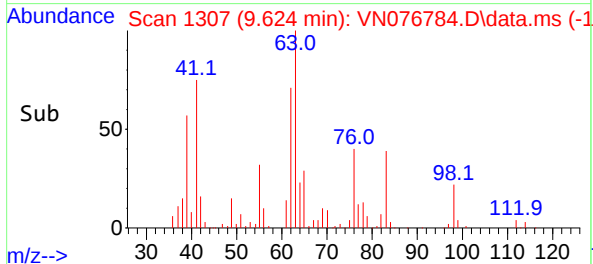
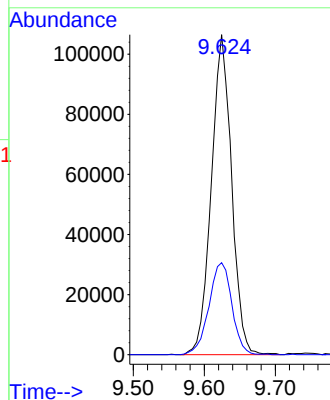
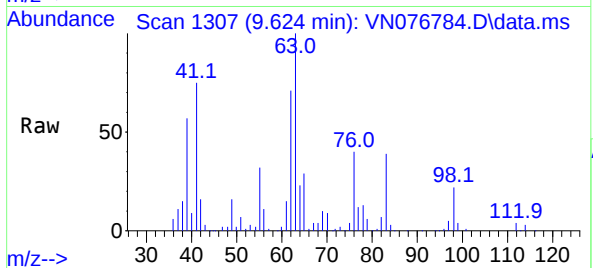
VSTDCCC050

Tgt Ion: 63 Resp: 210785

Ion Ratio Lower Upper

63 100

65 28.8 24.2 36.2



#46

Dibromomethane

Concen: 54.016 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076784.D

Acq: 23 Feb 2023 11:00

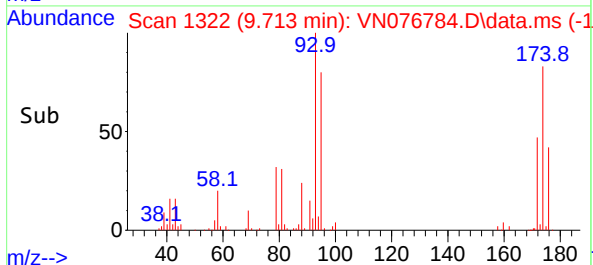
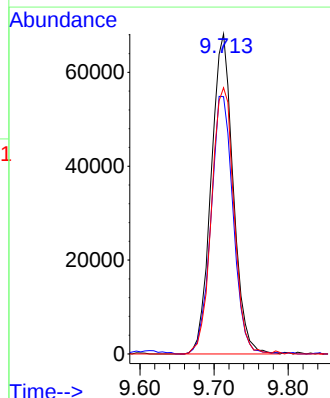
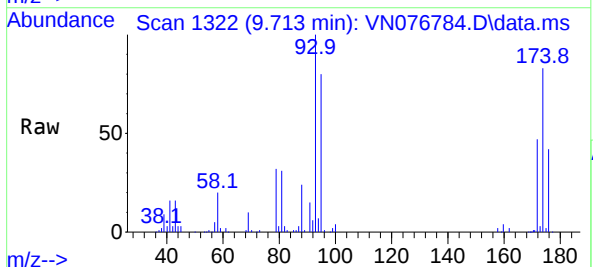
Tgt Ion: 93 Resp: 140197

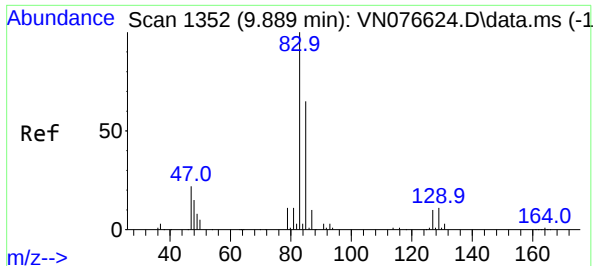
Ion Ratio Lower Upper

93 100

95 81.6 66.0 99.0

174 84.7 75.8 113.8

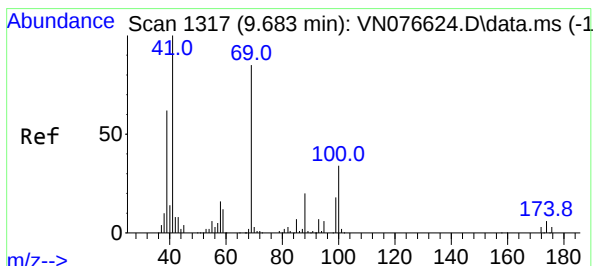
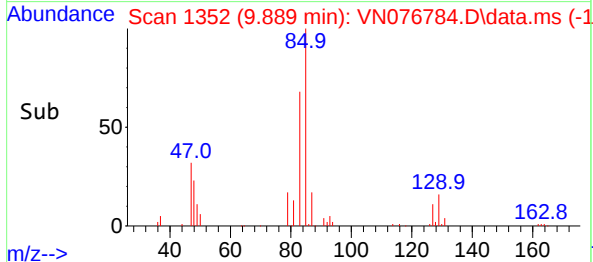
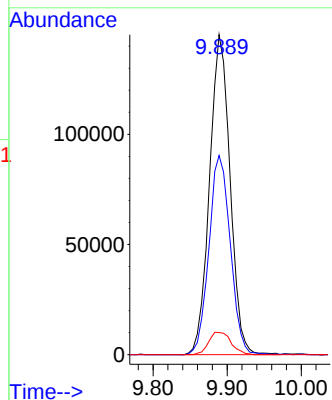
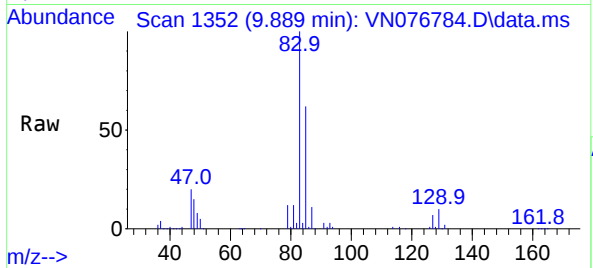




#47  
Bromodichloromethane  
Concen: 53.751 ug/l  
RT: 9.889 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

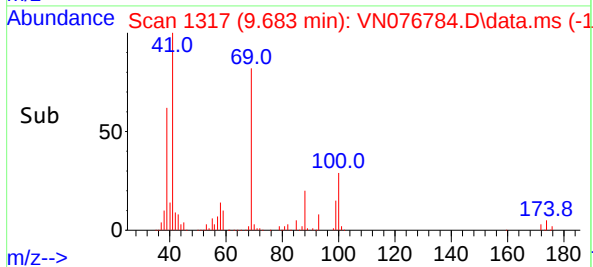
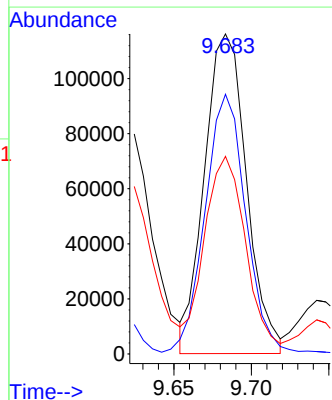
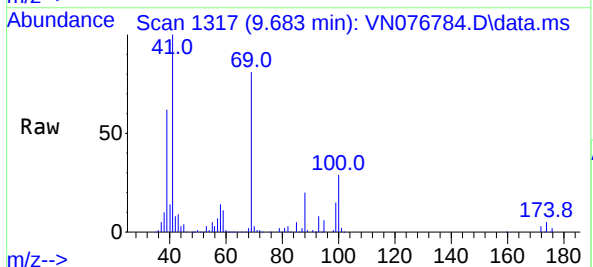
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

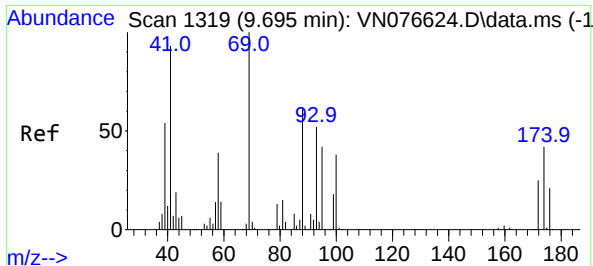
Tgt Ion: 83 Resp: 279702  
Ion Ratio Lower Upper  
83 100  
85 62.3 51.8 77.6  
127 6.9 7.9 11.9#



#48  
Methyl methacrylate  
Concen: 53.905 ug/l  
RT: 9.683 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 41 Resp: 218707  
Ion Ratio Lower Upper  
41 100  
69 79.9 65.4 98.0  
39 61.1 49.3 73.9

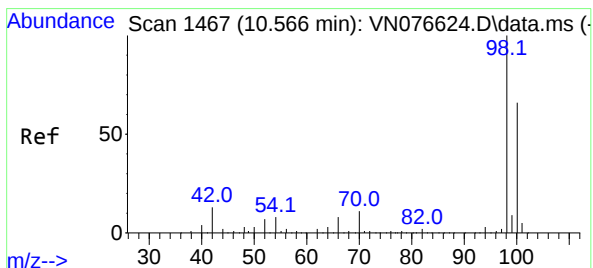
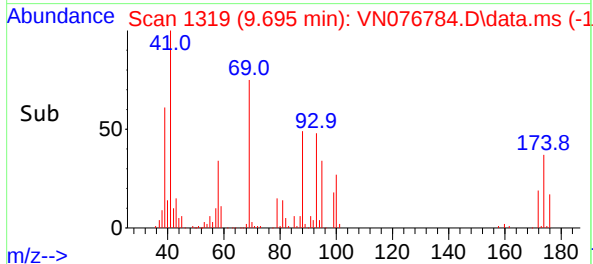
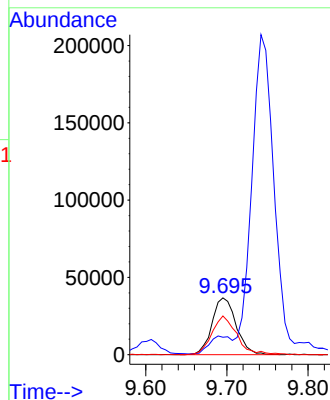
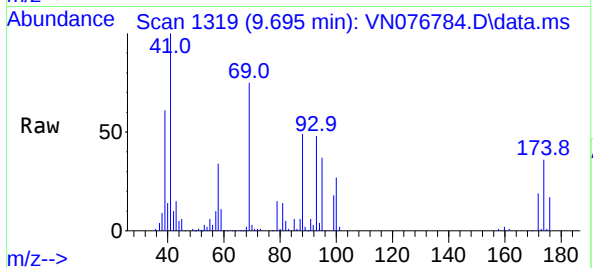




#49  
1,4-Dioxane  
Concen: 1076.452 ug/l  
RT: 9.695 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

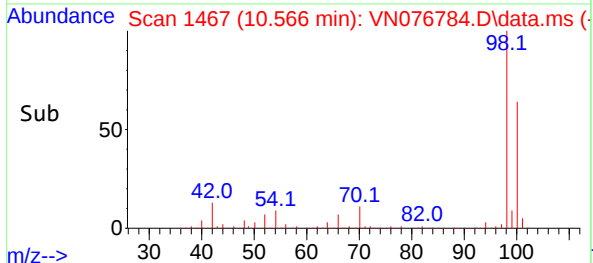
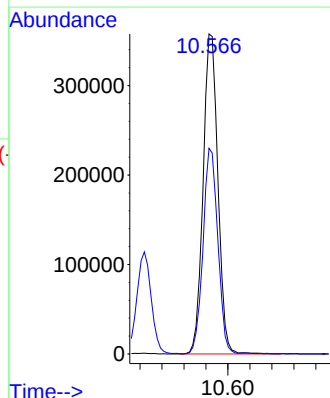
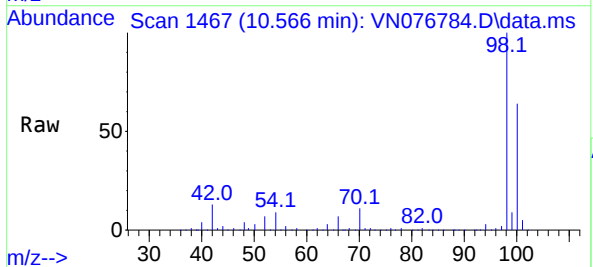
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

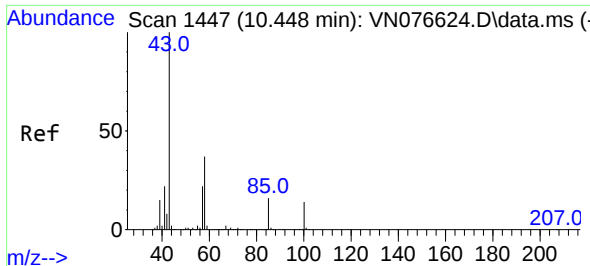
Tgt Ion: 88 Resp: 75549  
Ion Ratio Lower Upper  
88 100  
43 29.1 22.6 33.8  
58 71.1 57.6 86.4



#50  
Toluene-d8  
Concen: 51.820 ug/l  
RT: 10.566 min Scan# 1467  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 98 Resp: 668923  
Ion Ratio Lower Upper  
98 100  
100 63.9 52.9 79.3

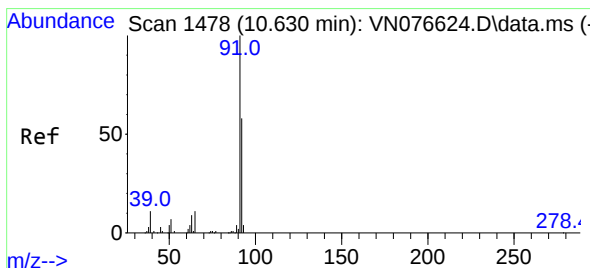
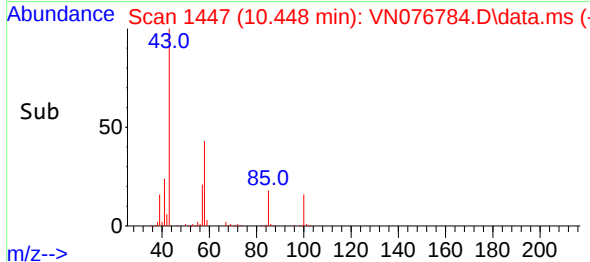
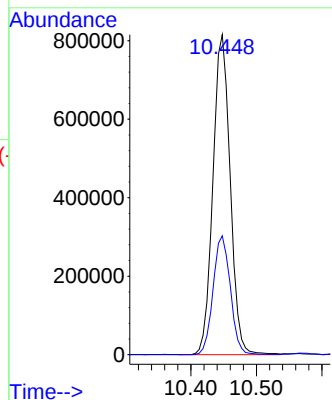
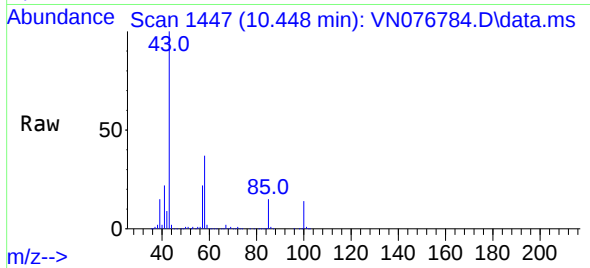




#51  
4-Methyl-2-Pentanone  
Concen: 273.605 ug/l  
RT: 10.448 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

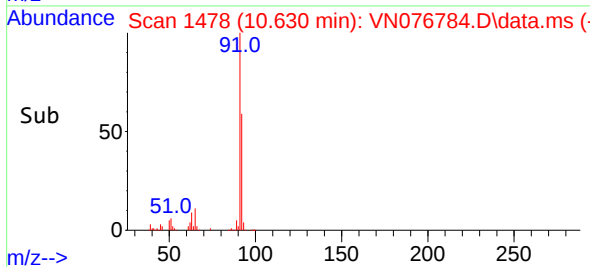
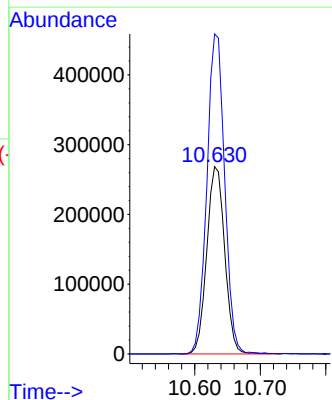
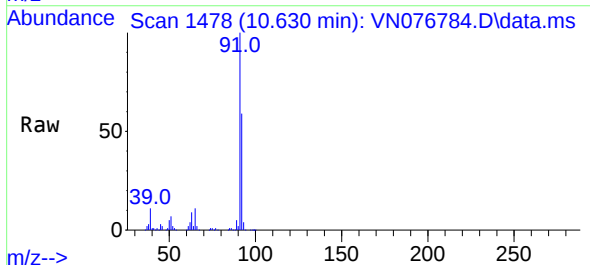
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

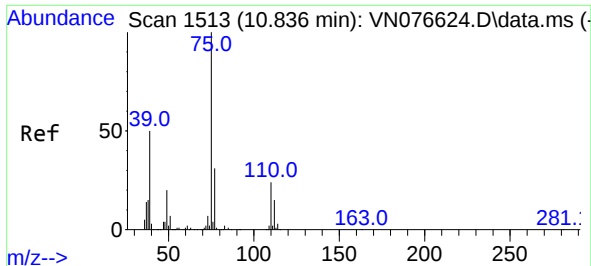
Tgt Ion: 43 Resp: 1488424  
Ion Ratio Lower Upper  
43 100  
58 37.2 29.5 44.3



#52  
Toluene  
Concen: 55.255 ug/l  
RT: 10.630 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 92 Resp: 511620  
Ion Ratio Lower Upper  
92 100  
91 169.4 138.0 207.0

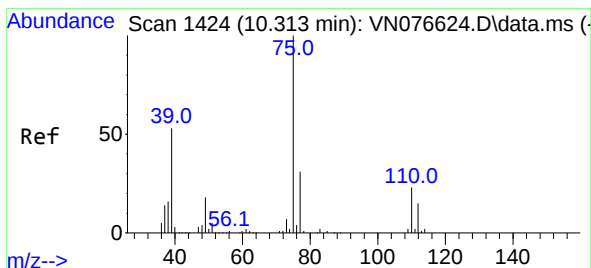
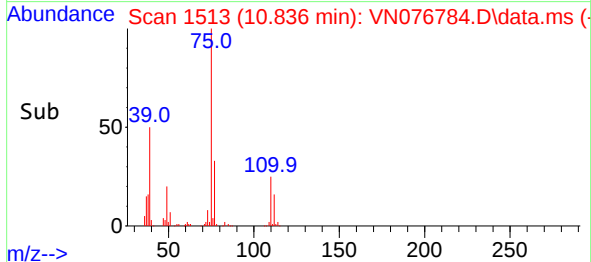
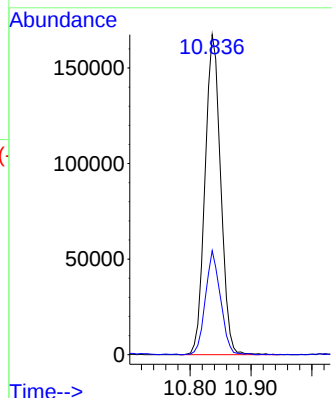
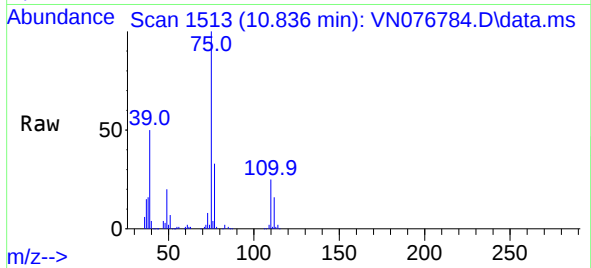




#53  
t-1,3-Dichloropropene  
Concen: 59.631 ug/l  
RT: 10.836 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

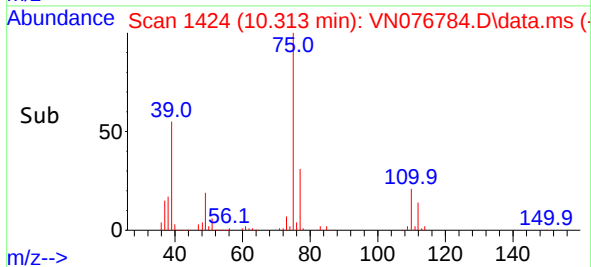
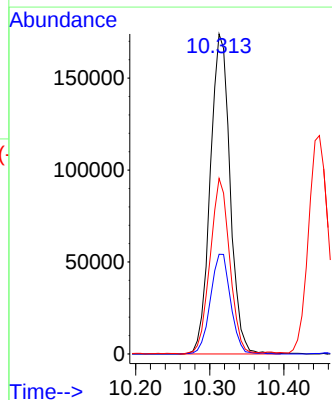
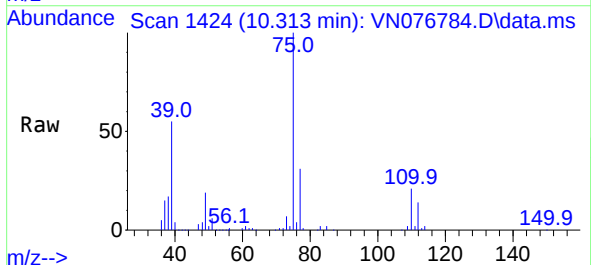
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

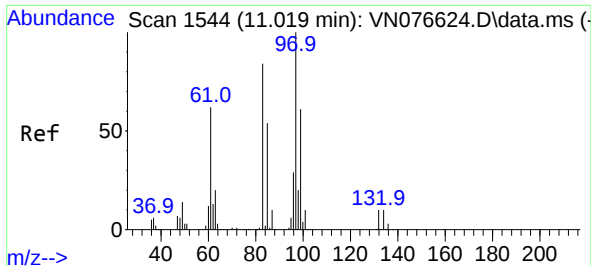
Tgt Ion: 75 Resp: 299503  
Ion Ratio Lower Upper  
75 100  
77 32.5 24.6 37.0



#54  
cis-1,3-Dichloropropene  
Concen: 55.733 ug/l  
RT: 10.313 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 75 Resp: 322884  
Ion Ratio Lower Upper  
75 100  
77 31.2 25.1 37.7  
39 54.8 42.3 63.5

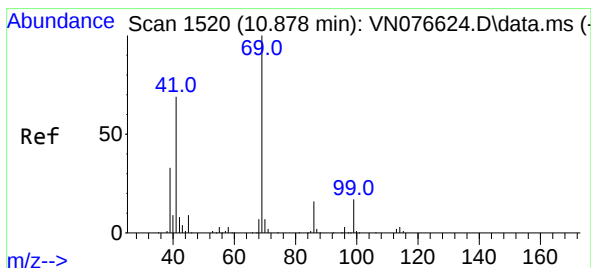
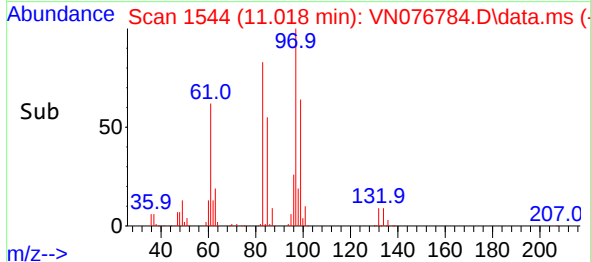
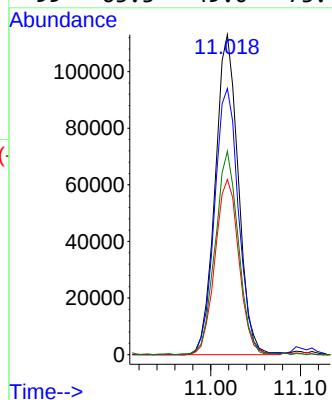
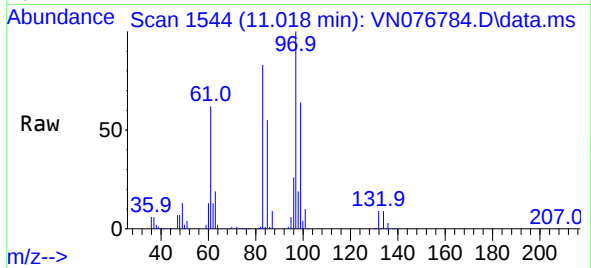




#55  
1,1,2-Trichloroethane  
Concen: 53.625 ug/l  
RT: 11.018 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

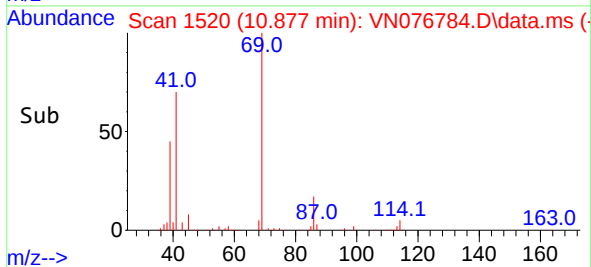
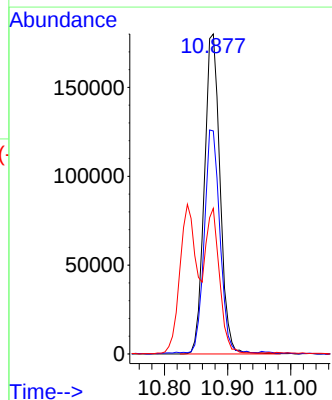
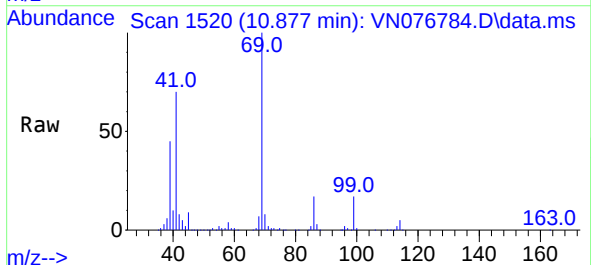
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

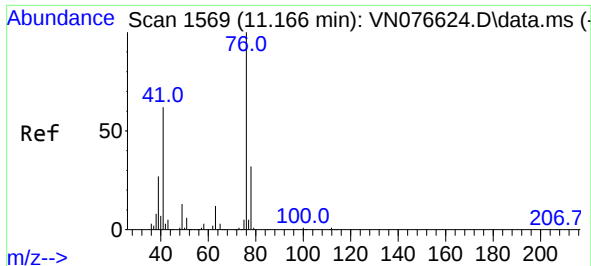
Tgt Ion: 97 Resp: 201902  
Ion Ratio Lower Upper  
97 100  
83 83.2 67.3 100.9  
85 54.8 43.2 64.8  
99 63.3 49.0 73.4



#56  
Ethyl methacrylate  
Concen: 58.459 ug/l  
RT: 10.877 min Scan# 1520  
Delta R.T. -0.001 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 69 Resp: 309818  
Ion Ratio Lower Upper  
69 100  
41 68.9 55.1 82.7  
39 39.2 30.7 46.1

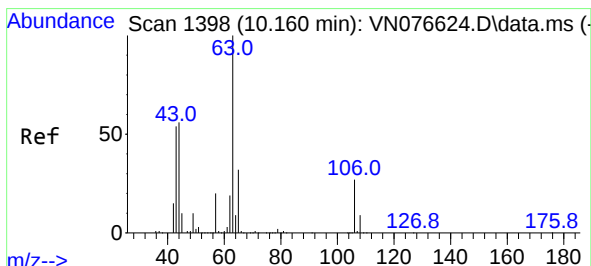
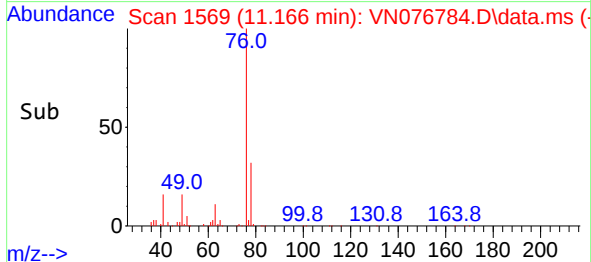
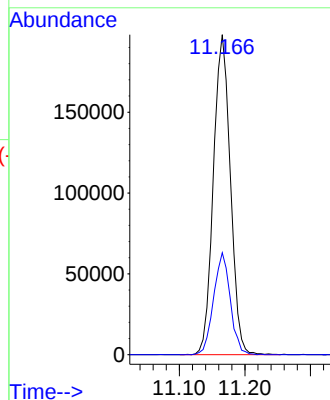
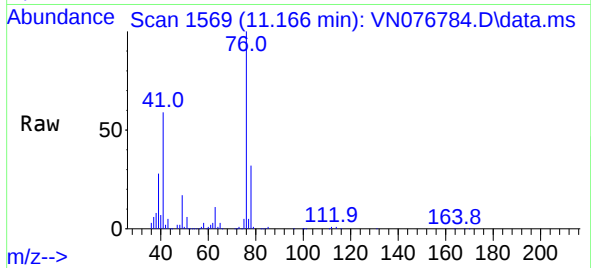




#57  
1,3-Dichloropropane  
Concen: 54.995 ug/l  
RT: 11.166 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

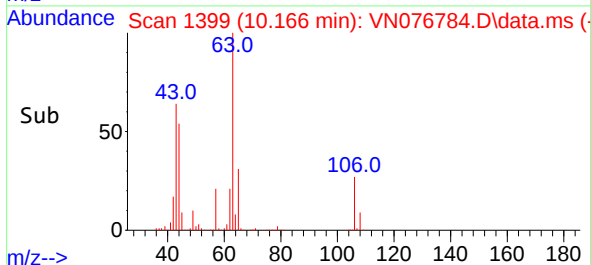
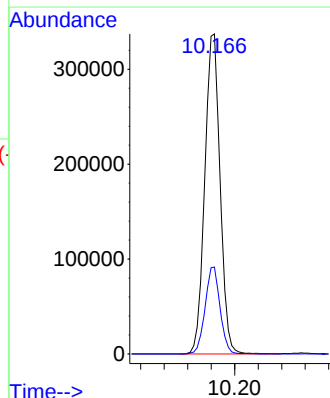
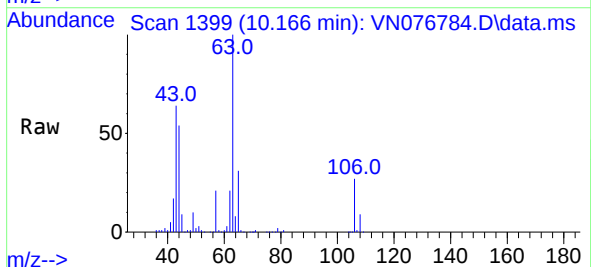
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

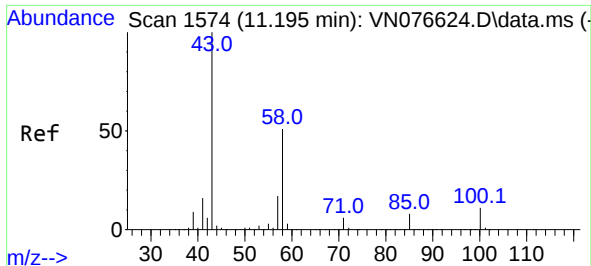
Tgt Ion: 76 Resp: 355742  
Ion Ratio Lower Upper  
76 100  
78 31.3 26.1 39.1



#58  
2-Chloroethyl Vinyl ether  
Concen: 250.654 ug/l  
RT: 10.166 min Scan# 1399  
Delta R.T. 0.006 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 63 Resp: 608372  
Ion Ratio Lower Upper  
63 100  
106 26.5 22.3 33.5

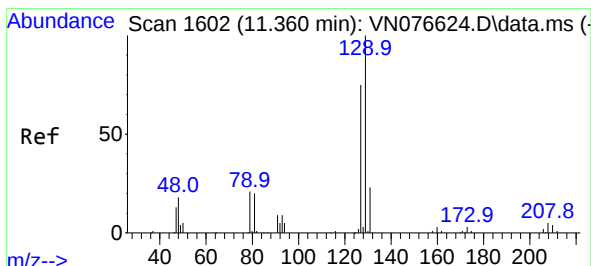
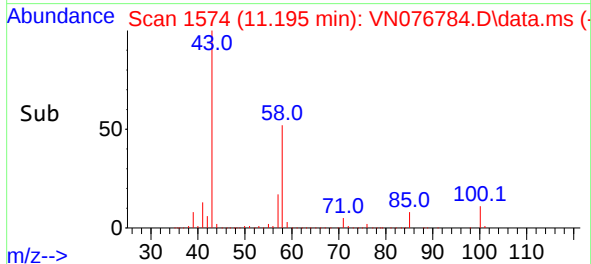
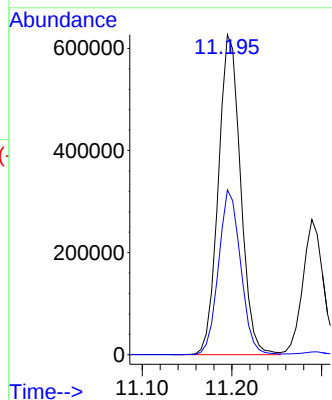
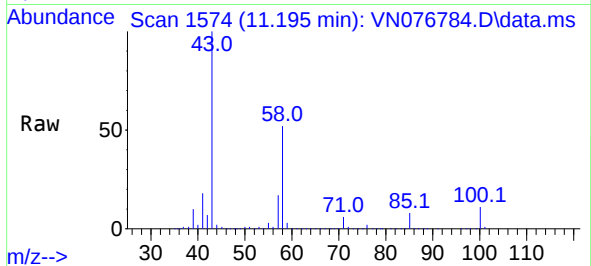




#59  
2-Hexanone  
Concen: 275.189 ug/l  
RT: 11.195 min Scan# 1574  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

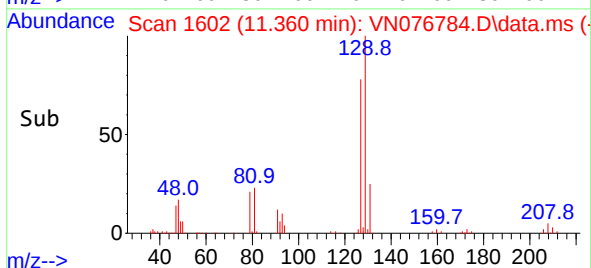
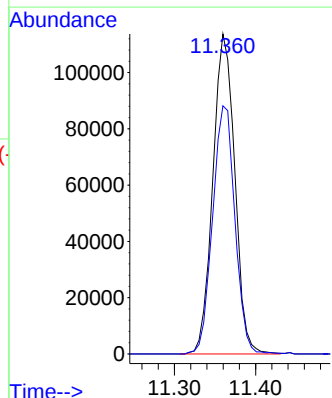
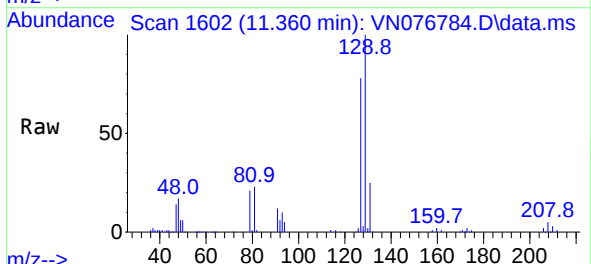
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

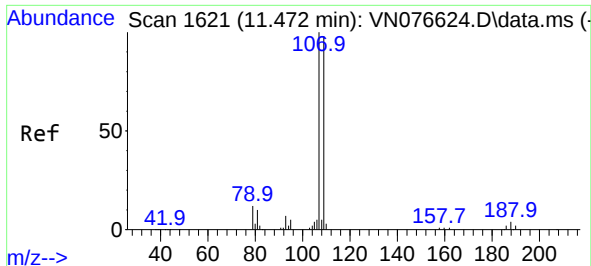
Tgt Ion: 43 Resp: 1079415  
Ion Ratio Lower Upper  
43 100  
58 51.1 25.4 76.0



#60  
Dibromochloromethane  
Concen: 53.742 ug/l  
RT: 11.360 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 129 Resp: 213256  
Ion Ratio Lower Upper  
129 100  
127 79.1 38.8 116.4

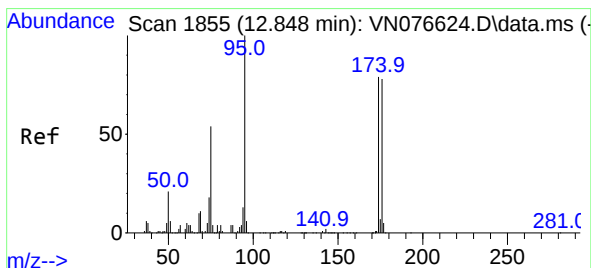
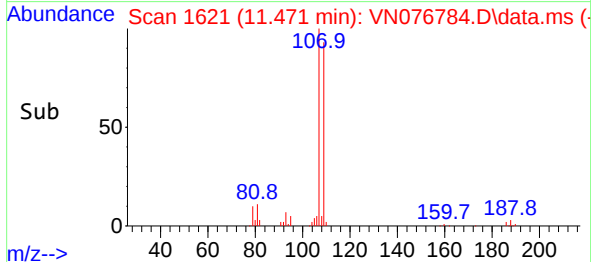
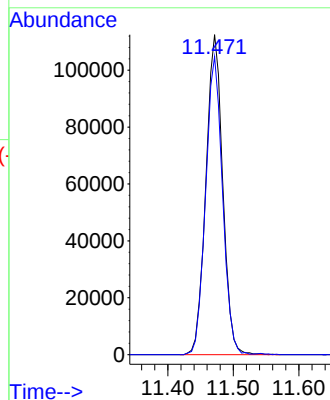
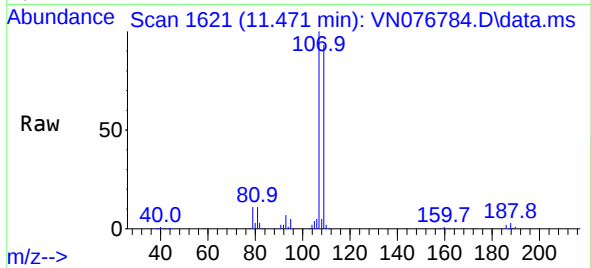




#61  
1,2-Dibromoethane  
Concen: 53.280 ug/l  
RT: 11.471 min Scan# 1621  
Delta R.T. -0.001 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

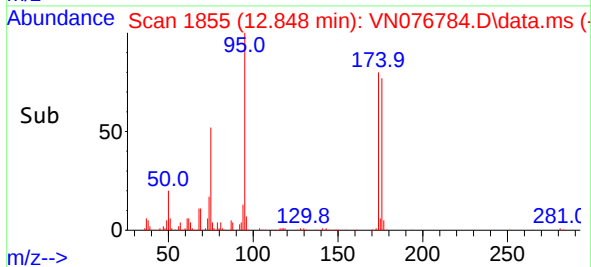
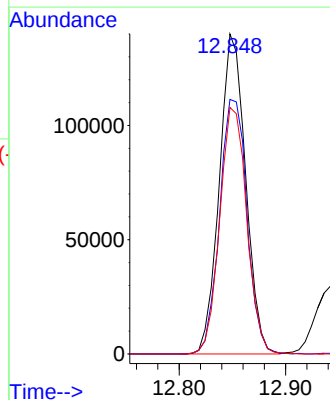
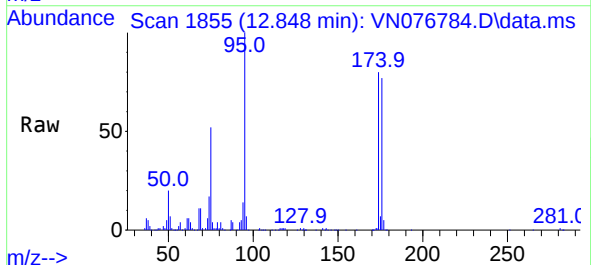
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

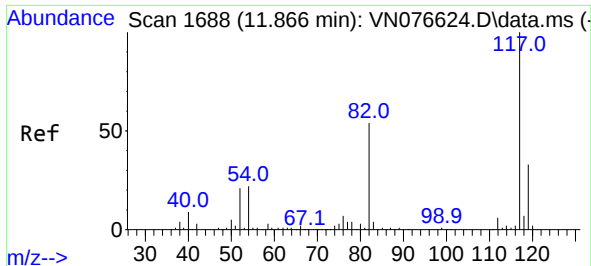
Tgt Ion:107 Resp: 200794  
Ion Ratio Lower Upper  
107 100  
109 93.3 76.8 115.2



#62  
4-Bromofluorobenzene  
Concen: 55.983 ug/l  
RT: 12.848 min Scan# 1855  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 95 Resp: 239347  
Ion Ratio Lower Upper  
95 100  
174 82.8 0.0 169.2  
176 79.2 0.0 163.4

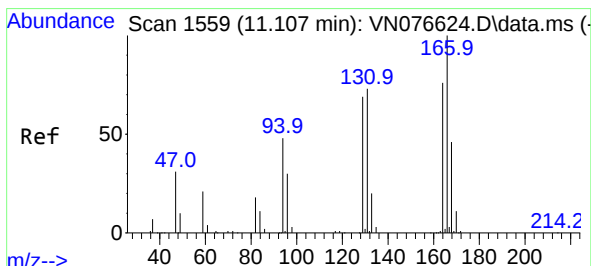
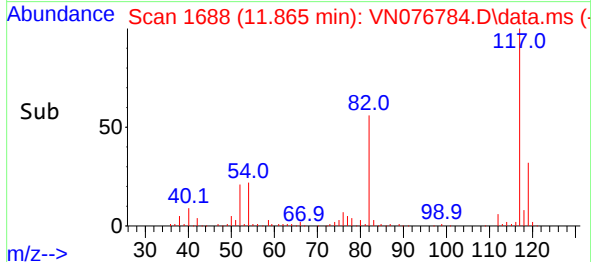
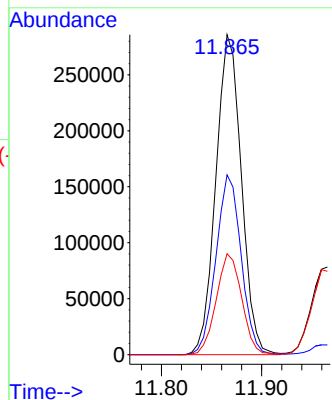
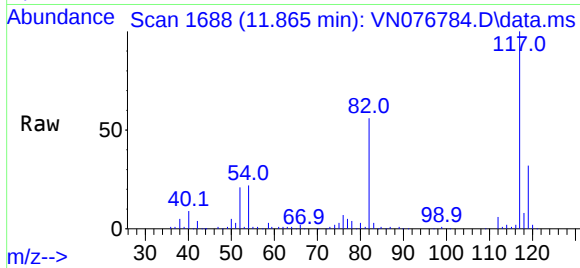




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.001 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

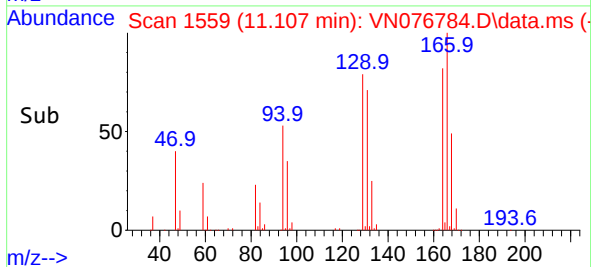
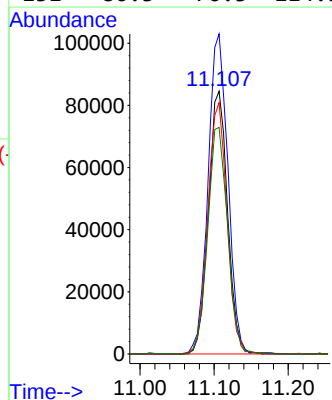
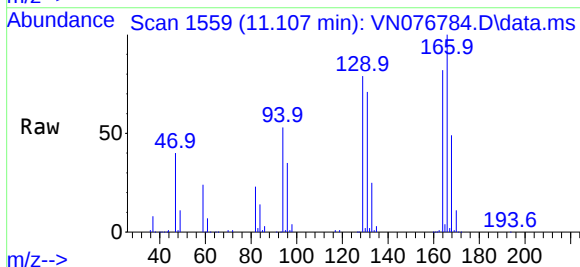
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

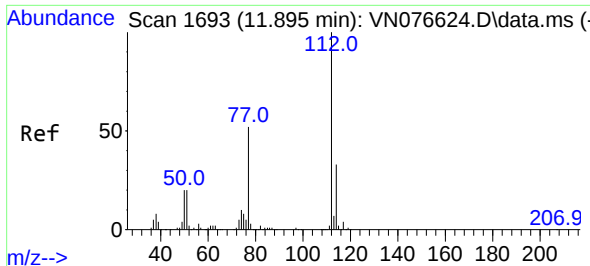
Tgt Ion:117 Resp: 505267  
Ion Ratio Lower Upper  
117 100  
82 56.2 43.4 65.2  
119 31.5 26.1 39.1



#64  
Tetrachloroethene  
Concen: 47.843 ug/l  
RT: 11.107 min Scan# 1559  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion:164 Resp: 152340  
Ion Ratio Lower Upper  
164 100  
166 121.8 104.8 157.2  
129 95.6 72.2 108.2  
131 86.3 76.3 114.5

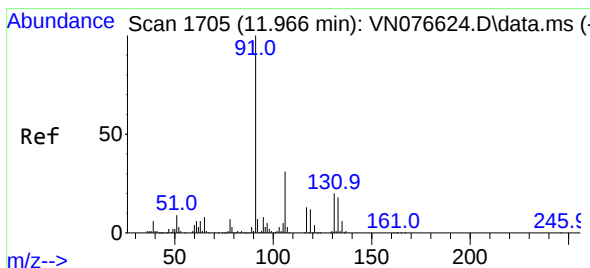
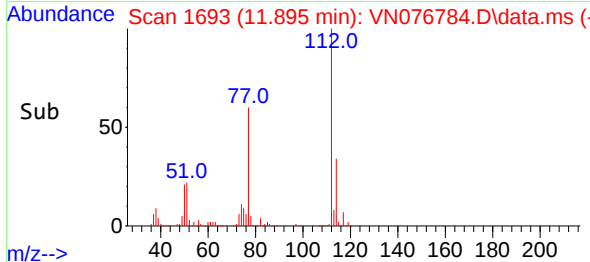
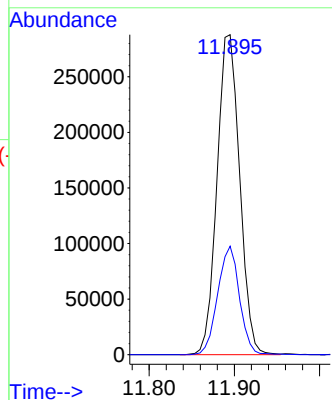
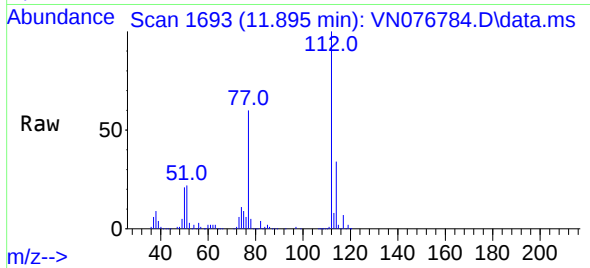




#65  
Chlorobenzene  
Concen: 49.721 ug/l  
RT: 11.895 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

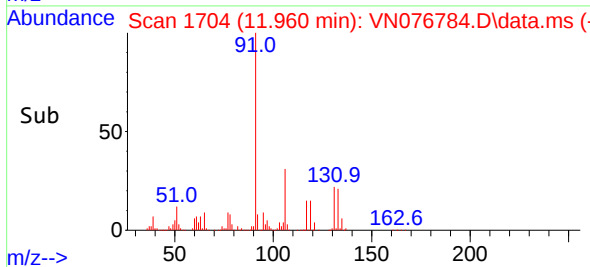
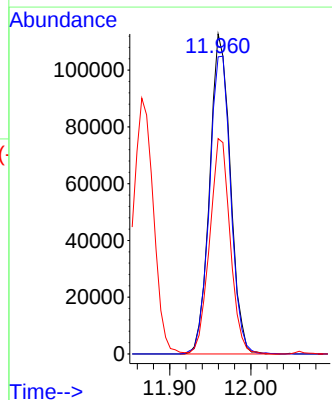
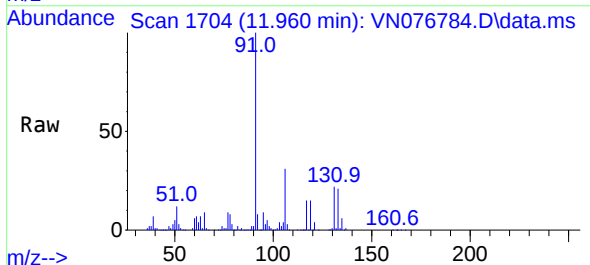
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

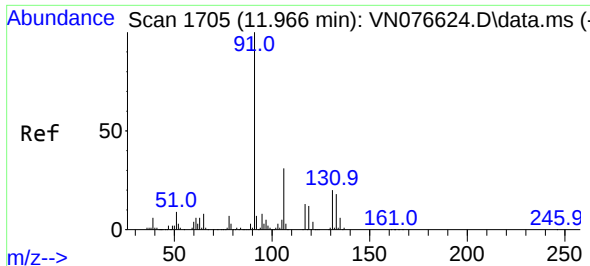
Tgt Ion:112 Resp: 532416  
Ion Ratio Lower Upper  
112 100  
114 33.9 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.175 ug/l  
RT: 11.960 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion:131 Resp: 199041  
Ion Ratio Lower Upper  
131 100  
133 96.1 47.0 141.0  
119 66.8 32.3 96.8

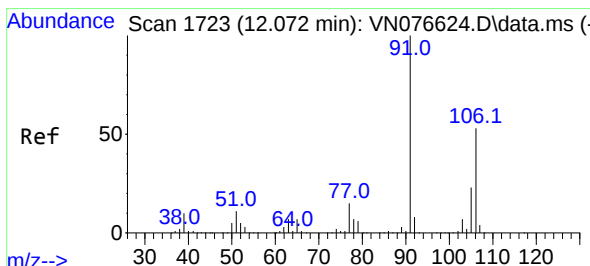
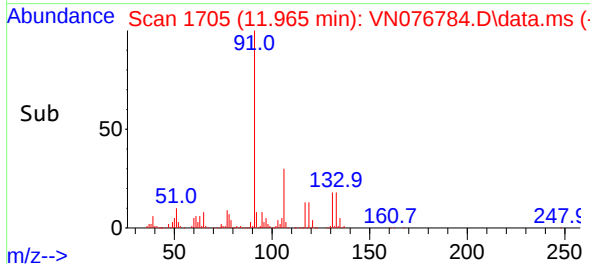
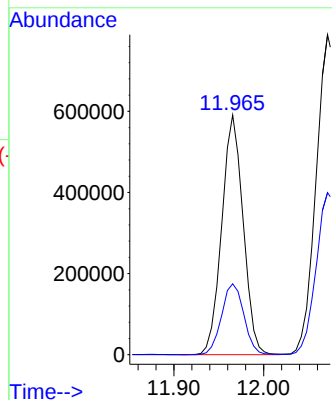
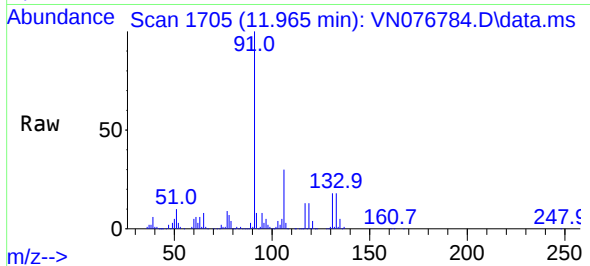




#67  
Ethyl Benzene  
Concen: 53.616 ug/l  
RT: 11.965 min Scan# 1705  
Delta R.T. -0.001 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

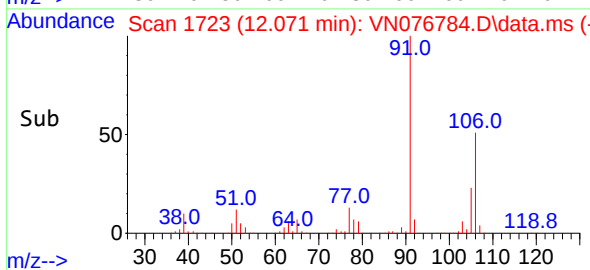
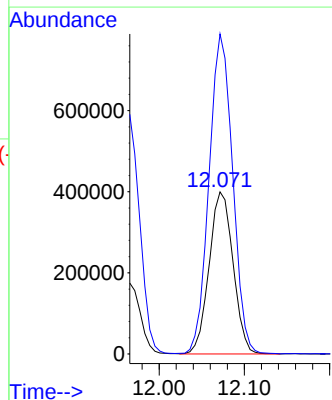
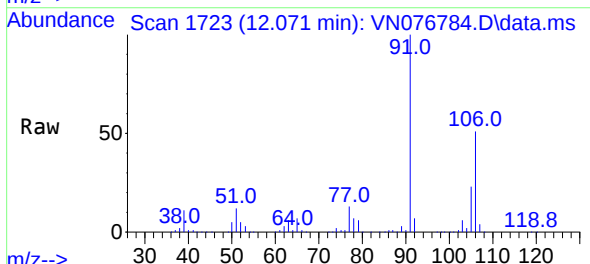
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

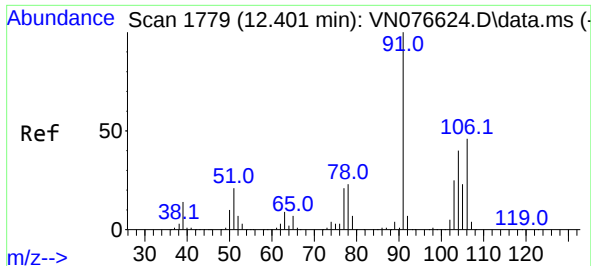
Tgt Ion: 91 Resp: 978103  
Ion Ratio Lower Upper  
91 100  
106 29.6 25.1 37.7



#68  
m/p-Xylenes  
Concen: 110.758 ug/l  
RT: 12.071 min Scan# 1723  
Delta R.T. -0.001 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion:106 Resp: 778831  
Ion Ratio Lower Upper  
106 100  
91 194.9 154.7 232.1

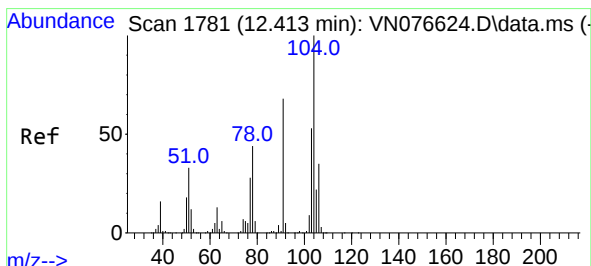
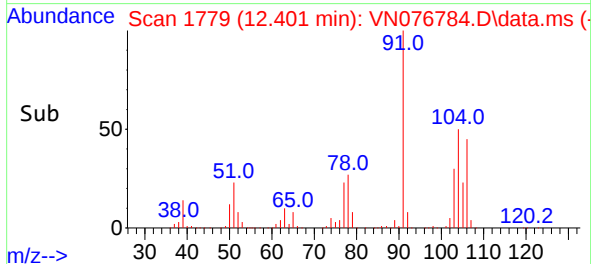
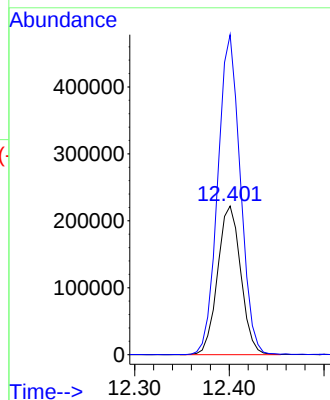
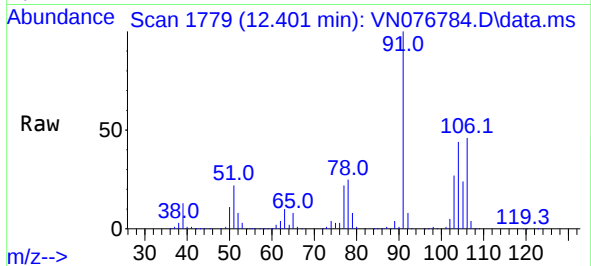




#69  
o-Xylene  
Concen: 55.030 ug/l  
RT: 12.401 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

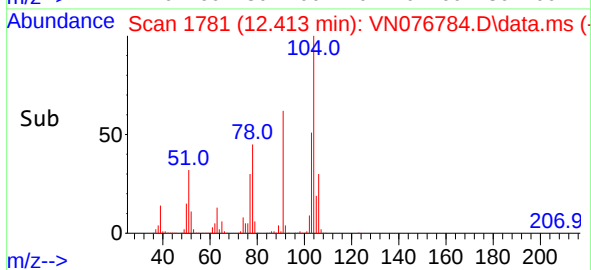
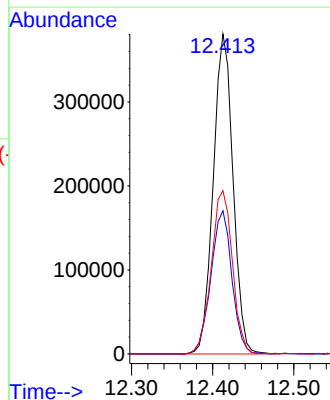
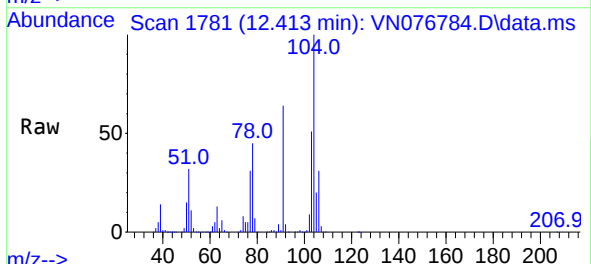
Instrument :  
MSVOA\_N  
ClientSampleId :  
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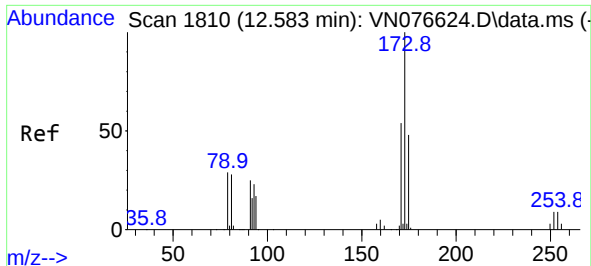
Tgt Ion:106 Resp: 377398  
Ion Ratio Lower Upper  
106 100  
91 210.0 105.8 317.4



#70  
Styrene  
Concen: 58.156 ug/l  
RT: 12.413 min Scan# 1781  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion:104 Resp: 644941  
Ion Ratio Lower Upper  
104 100  
78 47.5 38.2 57.4  
103 54.8 44.2 66.4

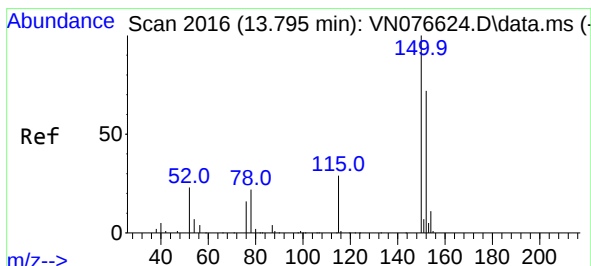
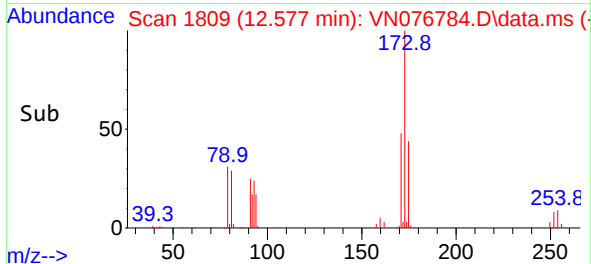
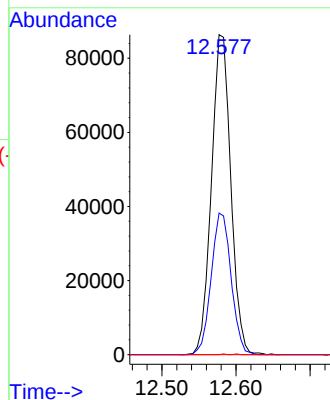
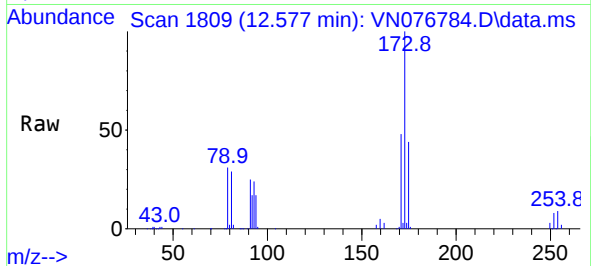




#71  
Bromoform  
Concen: 54.946 ug/l  
RT: 12.577 min Scan# 1810  
Delta R.T. -0.006 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

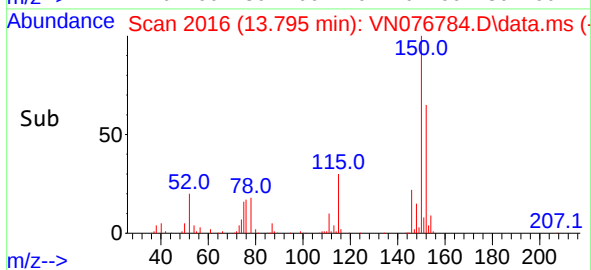
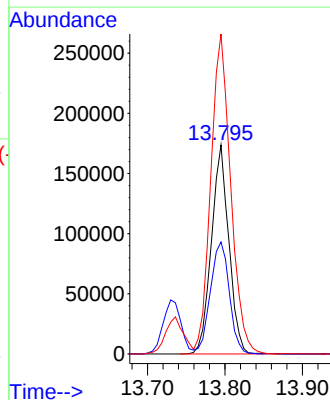
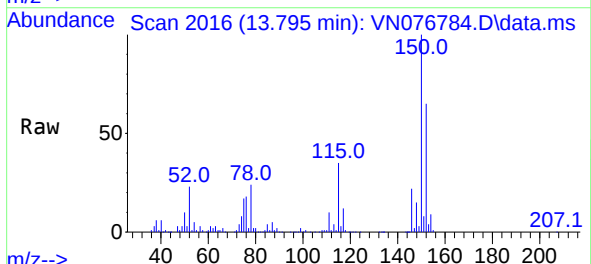
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ClientSampleId :  
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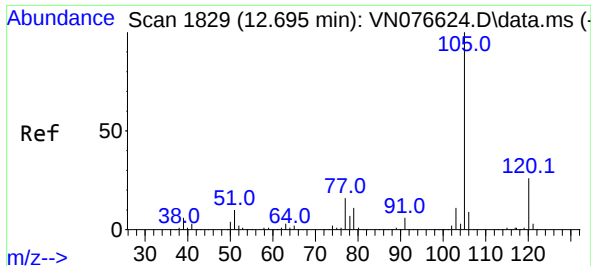
Tgt Ion:173 Resp: 156760  
Ion Ratio Lower Upper  
173 100  
175 45.5 24.9 74.7  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.795 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion:152 Resp: 271718  
Ion Ratio Lower Upper  
152 100  
115 58.1 29.3 87.9  
150 174.1 0.0 349.8

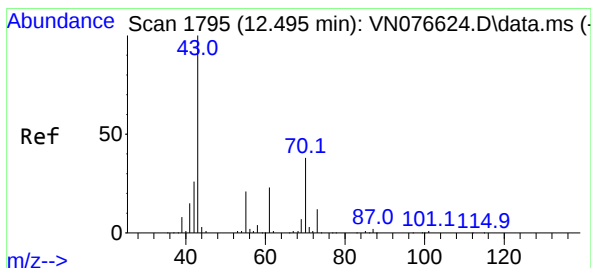
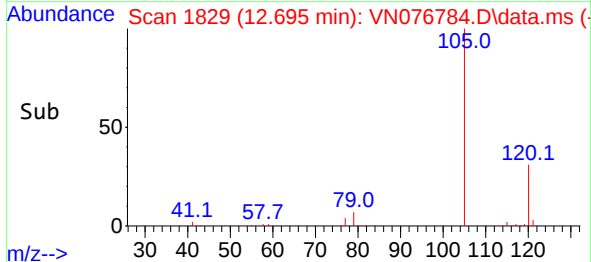
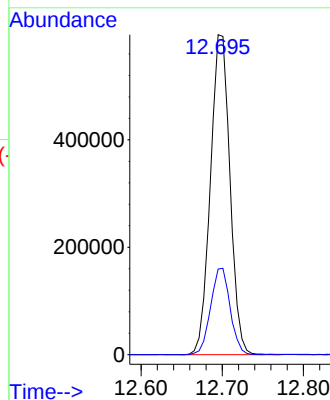
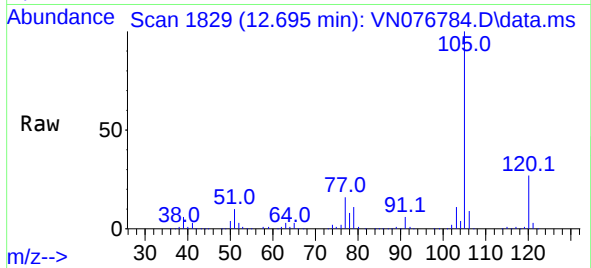




#73  
Isopropylbenzene  
Concen: 50.030 ug/l  
RT: 12.695 min Scan# 1829  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

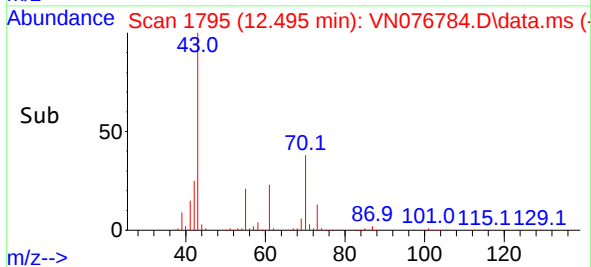
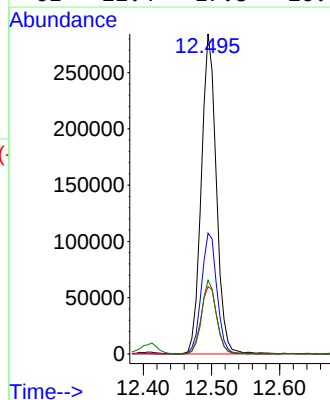
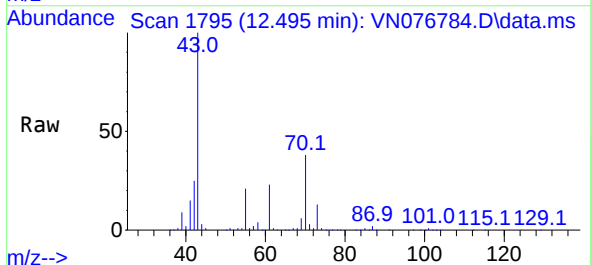
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

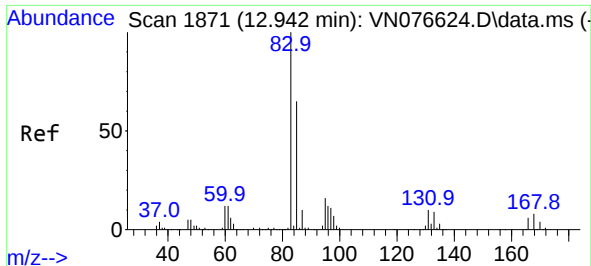
Tgt Ion:105 Resp: 996394  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.7 41.0



#74  
N-ethyl acetate  
Concen: 48.588 ug/l  
RT: 12.495 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 43 Resp: 436173  
Ion Ratio Lower Upper  
43 100  
70 39.0 30.5 45.7  
55 22.4 17.8 26.8  
61 22.4 17.8 26.8

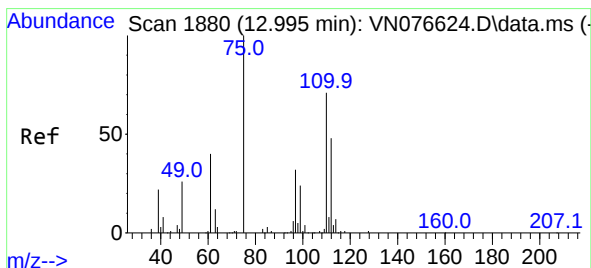
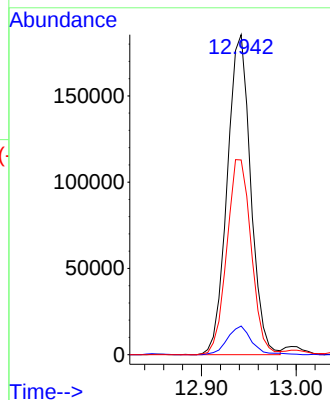
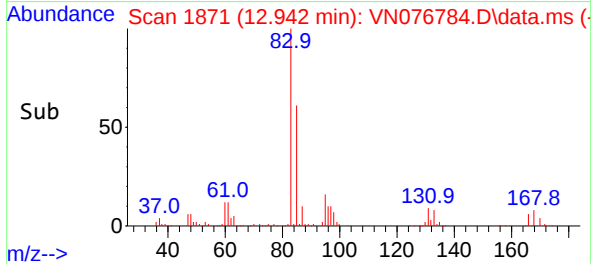
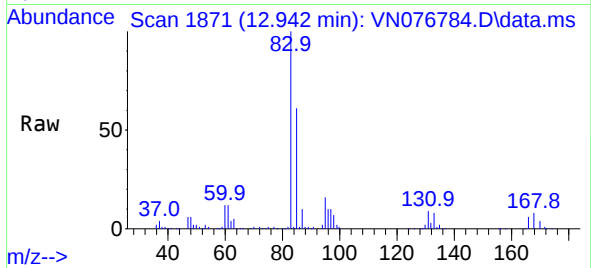




#75  
1,1,2,2-Tetrachloroethane  
Concen: 44.197 ug/l  
RT: 12.942 min Scan# 1871  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

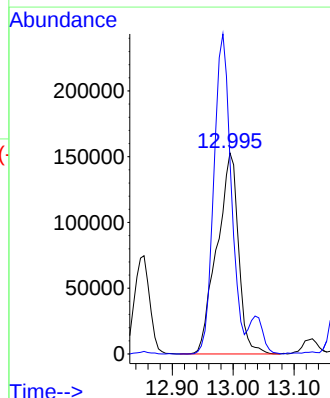
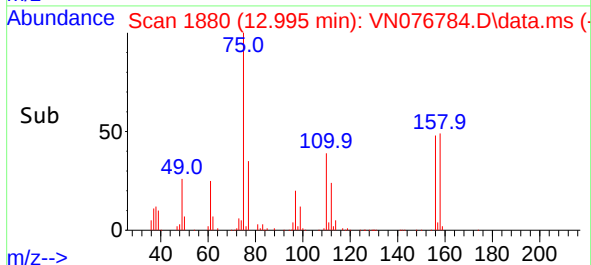
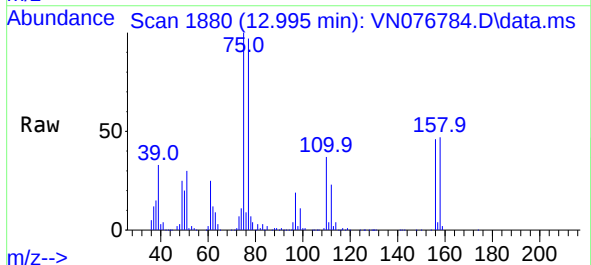
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

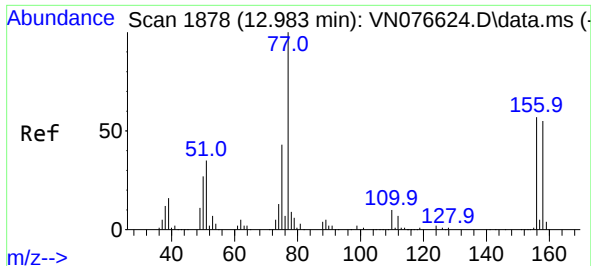
Tgt Ion: 83 Resp: 318617  
Ion Ratio Lower Upper  
83 100  
131 9.3 5.0 15.0  
85 63.5 31.8 95.3



#76  
1,2,3-Trichloropropane  
Concen: 68.304 ug/l  
RT: 12.995 min Scan# 1880  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 75 Resp: 375217  
Ion Ratio Lower Upper  
75 100  
77 127.6 93.1 279.3

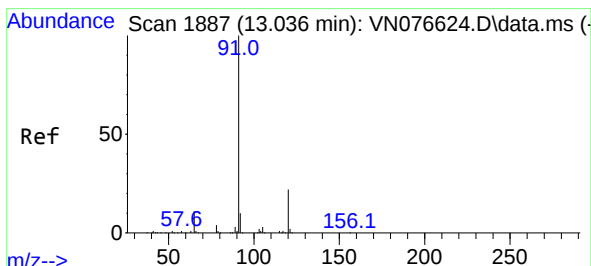
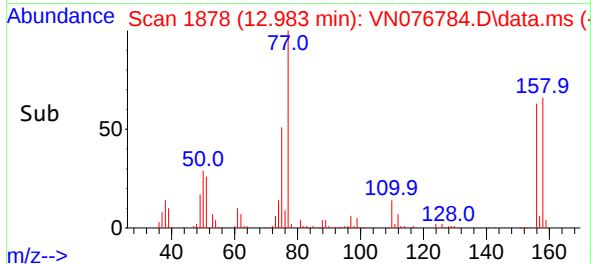
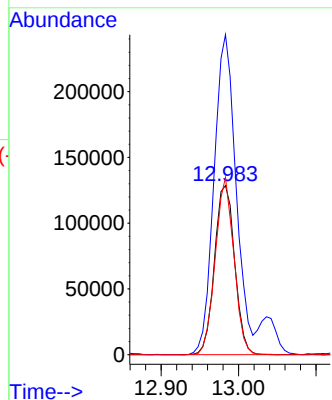
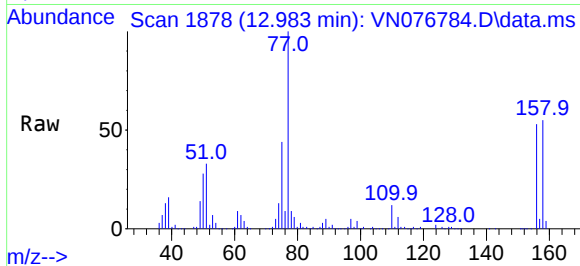




#77  
Bromobenzene  
Concen: 46.896 ug/l  
RT: 12.983 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

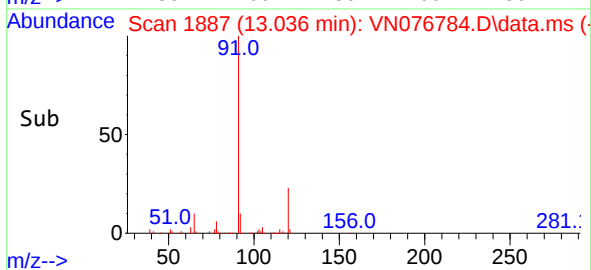
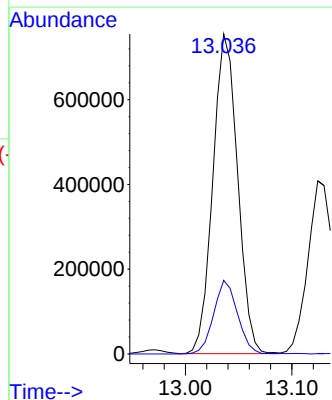
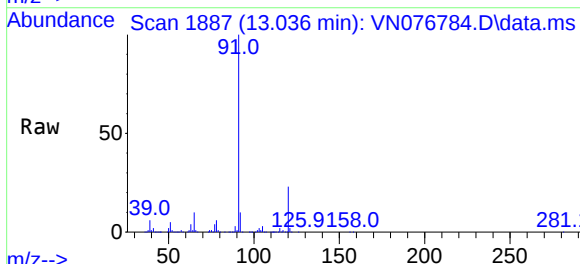
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

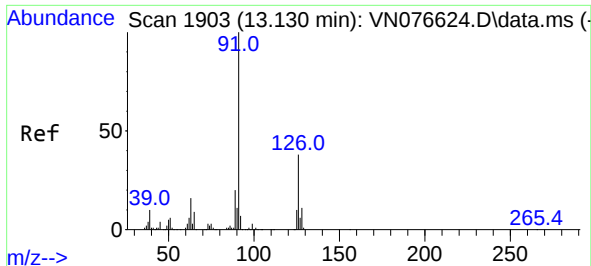
Tgt Ion:156 Resp: 233025  
Ion Ratio Lower Upper  
156 100  
77 205.5 102.8 308.4  
158 96.8 48.9 146.6



#78  
n-propylbenzene  
Concen: 51.939 ug/l  
RT: 13.036 min Scan# 1887  
Delta R.T. 0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 91 Resp: 1214677  
Ion Ratio Lower Upper  
91 100  
120 22.2 11.5 34.5





#79

2-Chlorotoluene

Concen: 48.546 ug/l

RT: 13.124 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VN076784.D

Acq: 23 Feb 2023 11:00

Instrument :

MSVOA\_N

ClientSampleId :

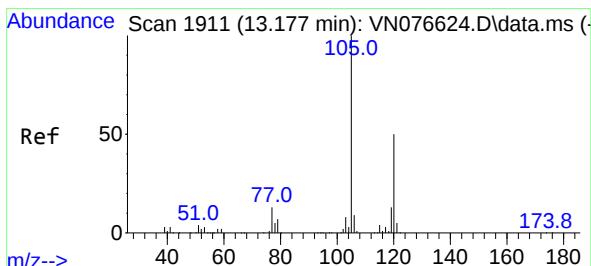
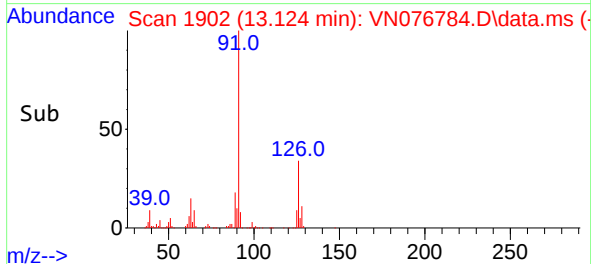
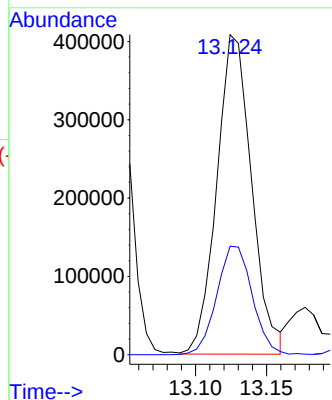
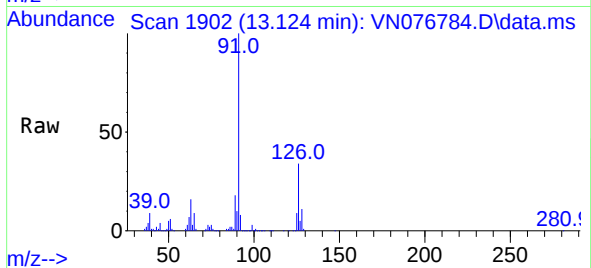
VSTDCCC050

Tgt Ion: 91 Resp: 695148

Ion Ratio Lower Upper

91 100

126 34.7 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 51.273 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN076784.D

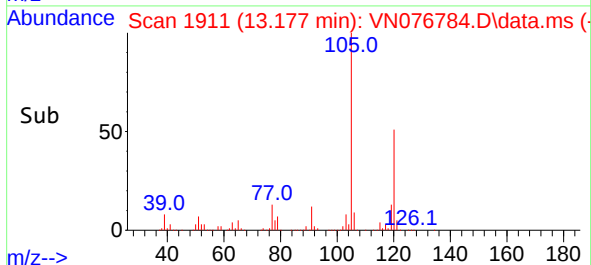
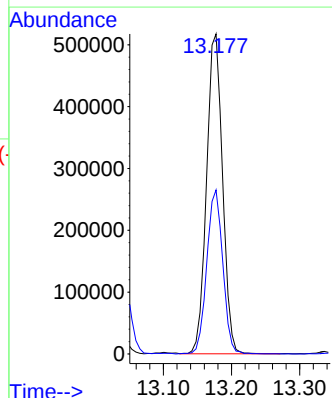
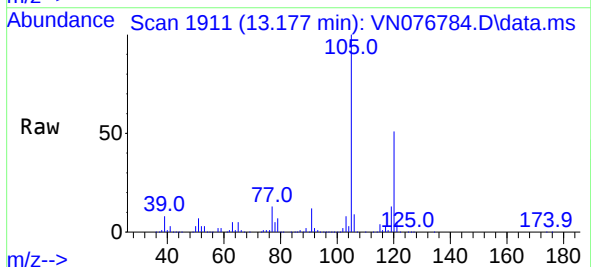
Acq: 23 Feb 2023 11:00

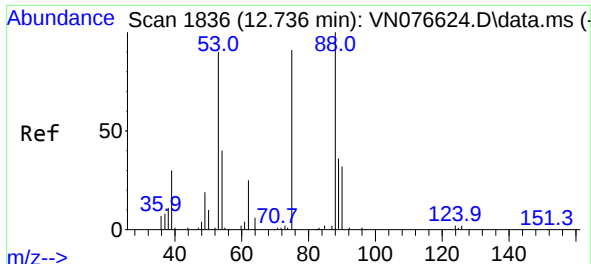
Tgt Ion:105 Resp: 843912

Ion Ratio Lower Upper

105 100

120 51.4 25.1 75.4

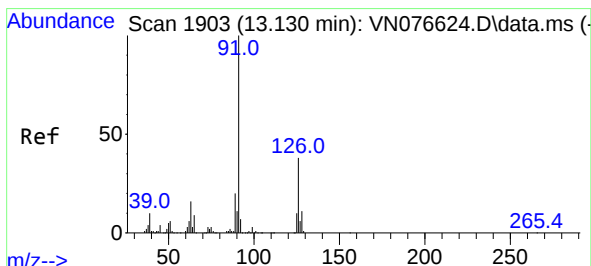
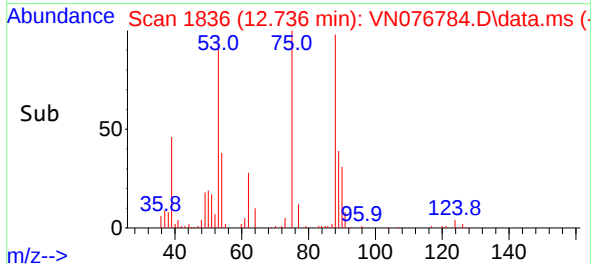
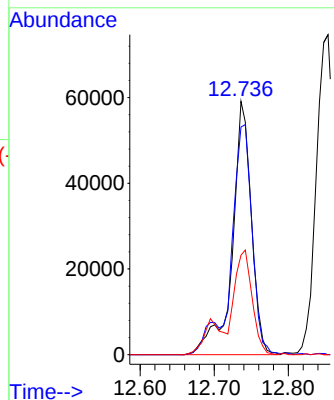
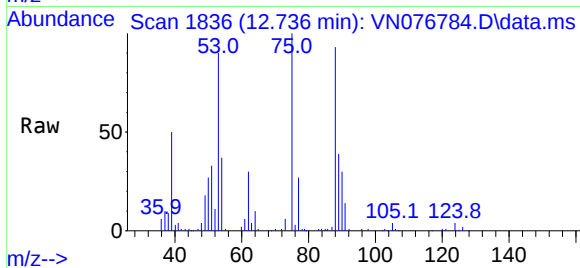




#81  
trans-1,4-Dichloro-2-butene  
Concen: 56.170 ug/l  
RT: 12.736 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

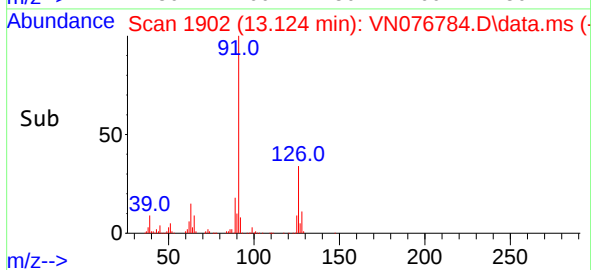
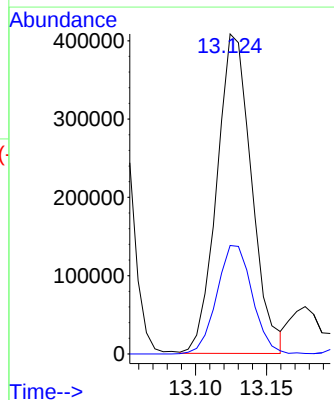
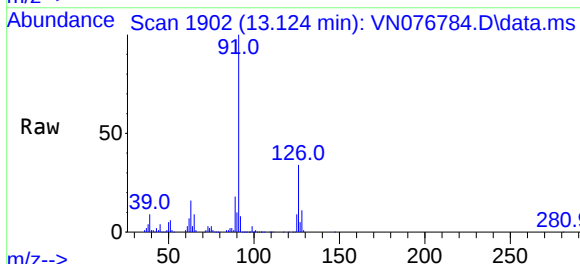
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

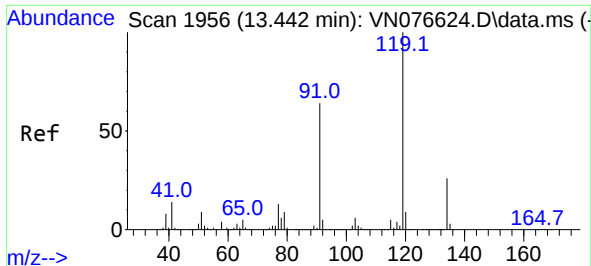
Tgt Ion: 75 Resp: 105942  
Ion Ratio Lower Upper  
75 100  
53 89.7 92.1 138.1#  
89 37.6 37.5 56.3



#82  
4-Chlorotoluene  
Concen: 48.546 ug/l  
RT: 13.124 min Scan# 1902  
Delta R.T. -0.006 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 91 Resp: 695148  
Ion Ratio Lower Upper  
91 100  
126 34.7 17.7 53.1

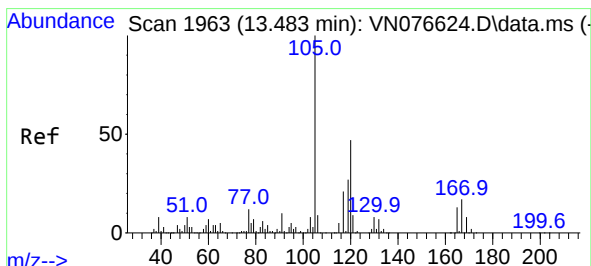
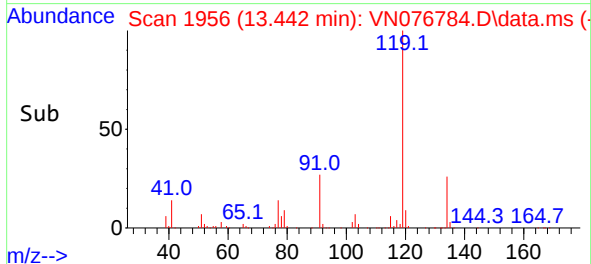
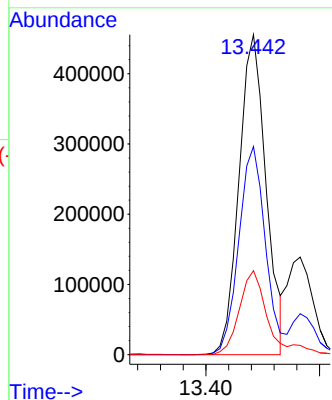
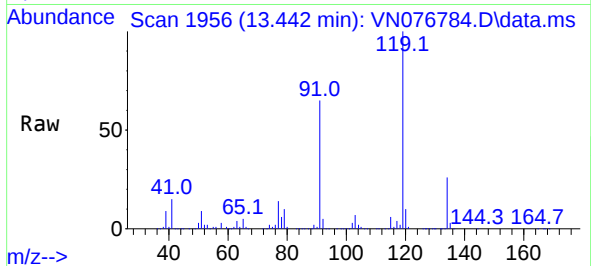




#83  
tert-Butylbenzene  
Concen: 50.608 ug/l  
RT: 13.442 min Scan# 1956  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

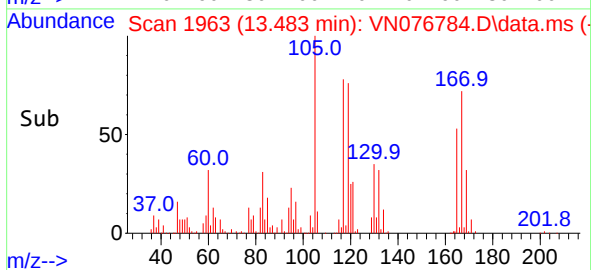
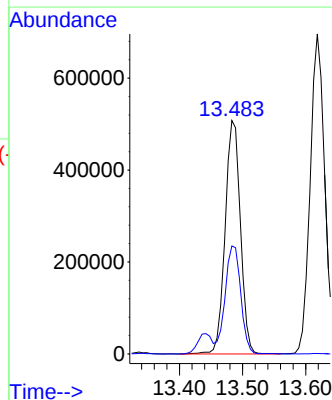
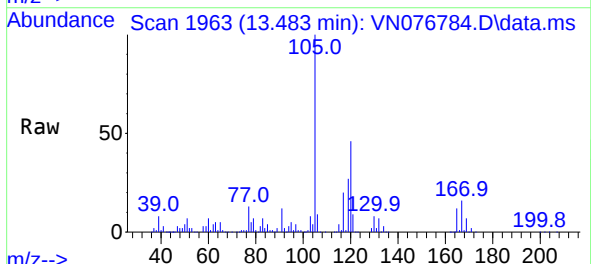
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

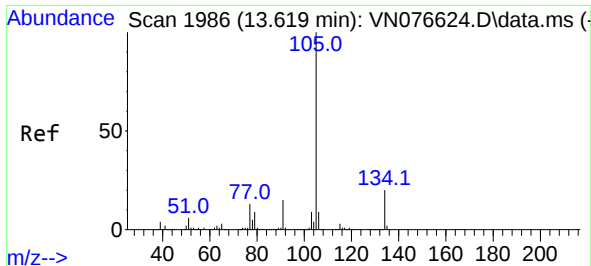
Tgt Ion:119 Resp: 753535  
Ion Ratio Lower Upper  
119 100  
91 64.9 32.0 96.2  
134 27.8 13.8 41.4



#84  
1,2,4-Trimethylbenzene  
Concen: 52.176 ug/l  
RT: 13.483 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion:105 Resp: 855876  
Ion Ratio Lower Upper  
105 100  
120 47.6 23.0 69.0

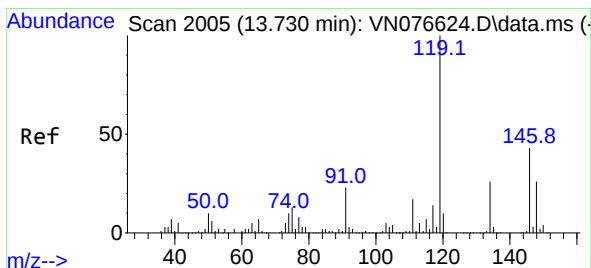
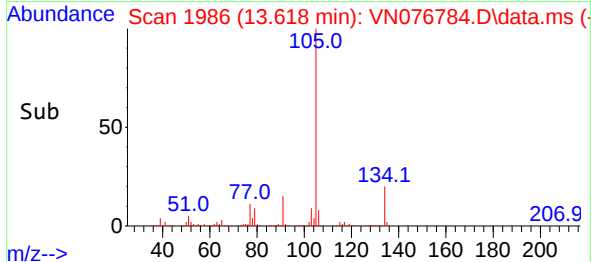
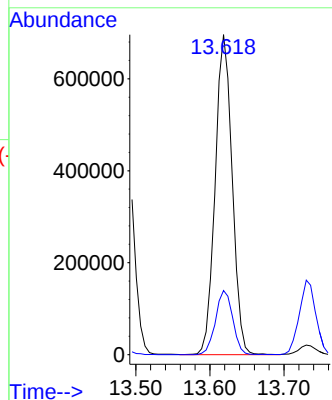
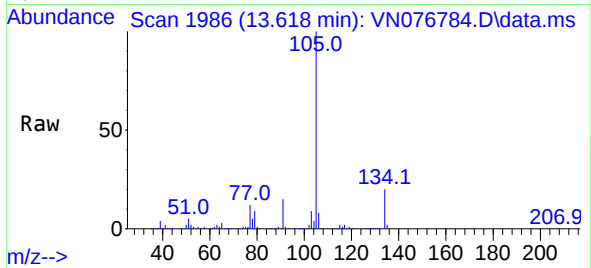




#85  
 sec-Butylbenzene  
 Concen: 53.294 ug/l  
 RT: 13.618 min Scan# 1986  
 Delta R.T. -0.001 min  
 Lab File: VN076784.D  
 Acq: 23 Feb 2023 11:00

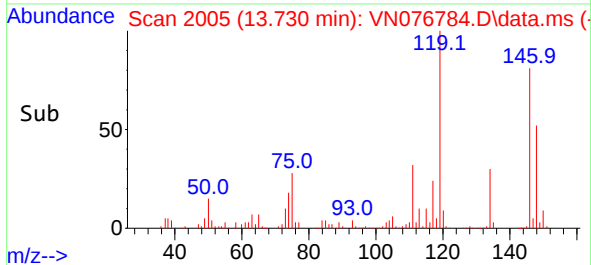
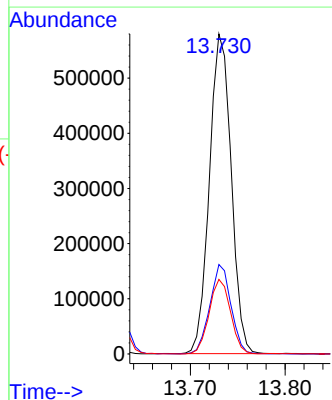
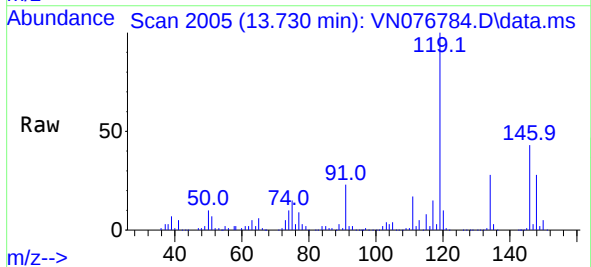
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

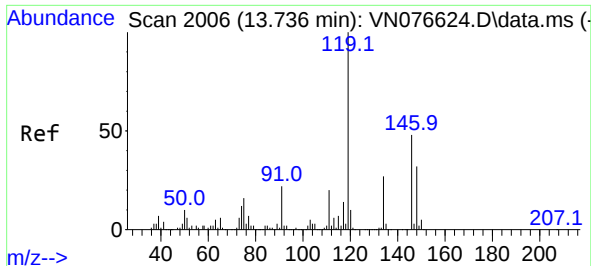
Tgt Ion:105 Resp: 1107886  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 10.5 31.5



#86  
 p-Isopropyltoluene  
 Concen: 55.754 ug/l  
 RT: 13.730 min Scan# 2005  
 Delta R.T. 0.000 min  
 Lab File: VN076784.D  
 Acq: 23 Feb 2023 11:00

Tgt Ion:119 Resp: 925520  
 Ion Ratio Lower Upper  
 119 100  
 134 27.0 13.4 40.1  
 91 22.9 11.7 35.0

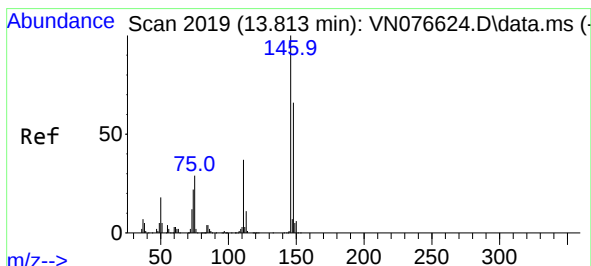
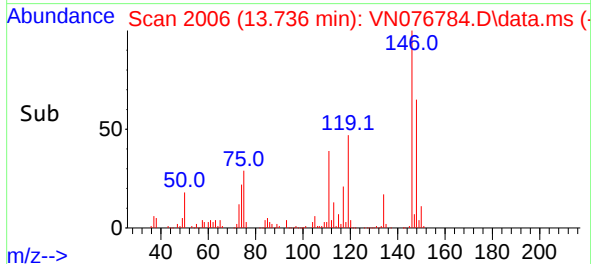
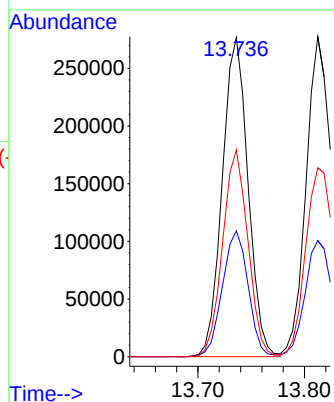
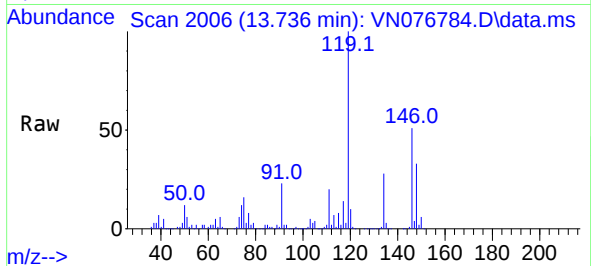




#87  
1,3-Dichlorobenzene  
Concen: 49.404 ug/l  
RT: 13.736 min Scan# 2006  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

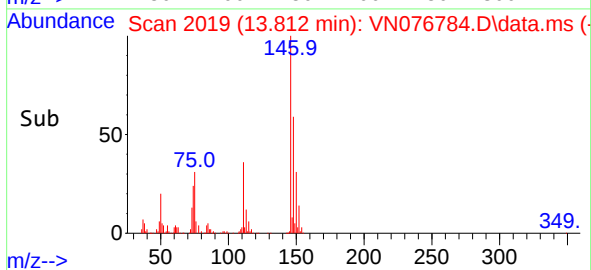
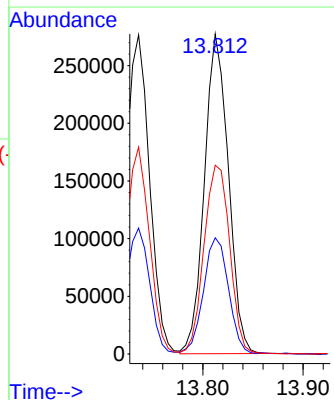
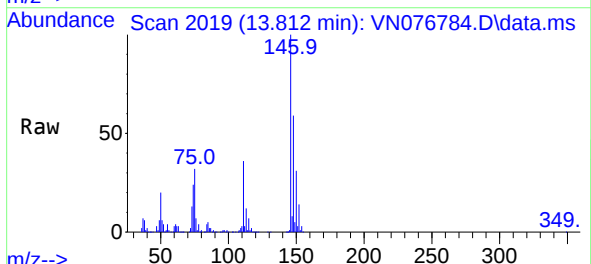
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

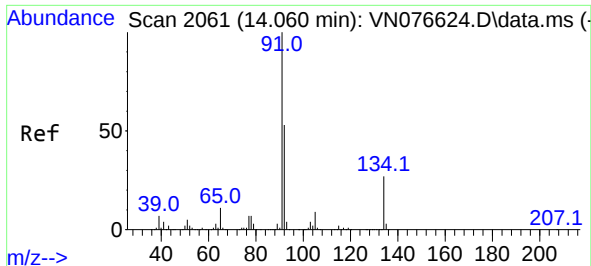
Tgt Ion:146 Resp: 464042  
Ion Ratio Lower Upper  
146 100  
111 39.4 19.8 59.4  
148 63.7 32.0 96.2



#88  
1,4-Dichlorobenzene  
Concen: 49.243 ug/l  
RT: 13.812 min Scan# 2019  
Delta R.T. -0.001 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion:146 Resp: 460604  
Ion Ratio Lower Upper  
146 100  
111 38.4 19.4 58.1  
148 63.6 32.7 98.1

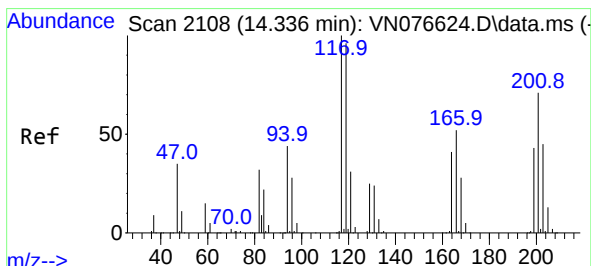
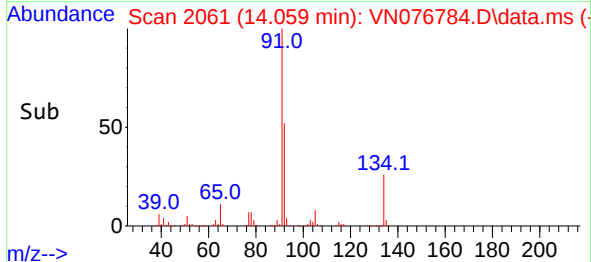
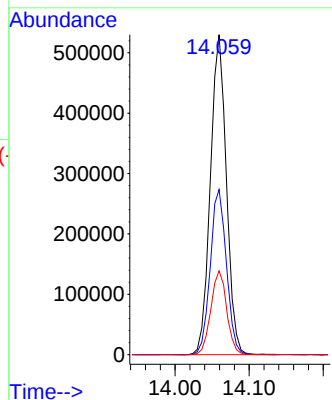
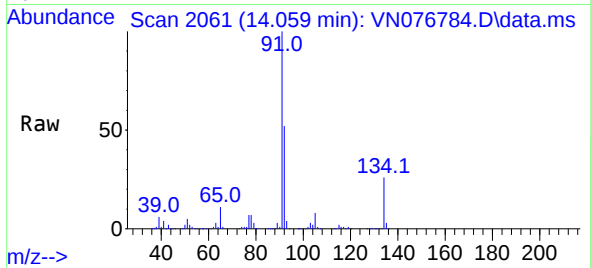




#89  
n-Butylbenzene  
Concen: 55.074 ug/l  
RT: 14.059 min Scan# 2061  
Delta R.T. -0.001 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

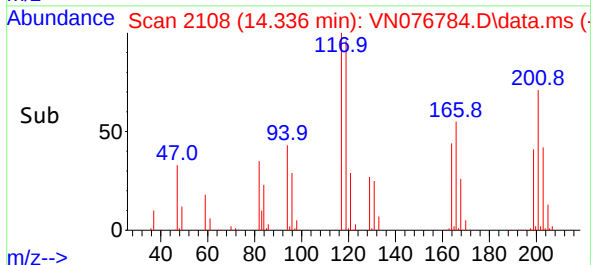
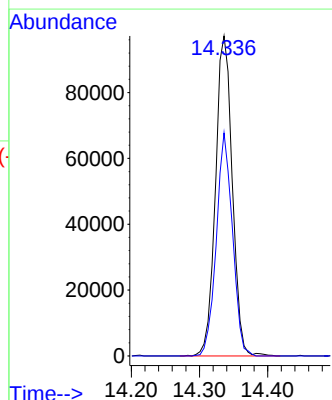
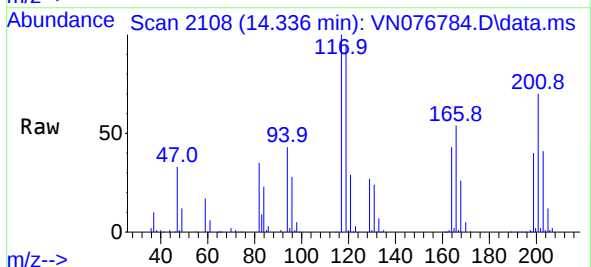
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

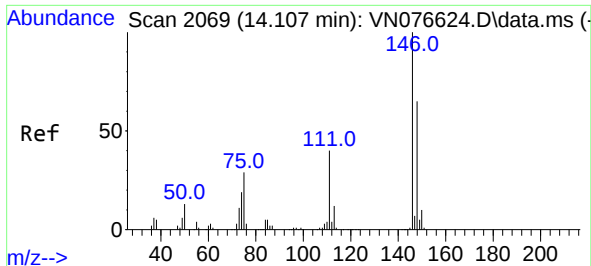
Tgt Ion: 91 Resp: 795150  
Ion Ratio Lower Upper  
91 100  
92 52.1 26.4 79.0  
134 26.0 13.2 39.5



#90  
Hexachloroethane  
Concen: 47.992 ug/l  
RT: 14.336 min Scan# 2108  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion: 117 Resp: 166808  
Ion Ratio Lower Upper  
117 100  
201 67.0 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 47.368 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN076784.D

Acq: 23 Feb 2023 11:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

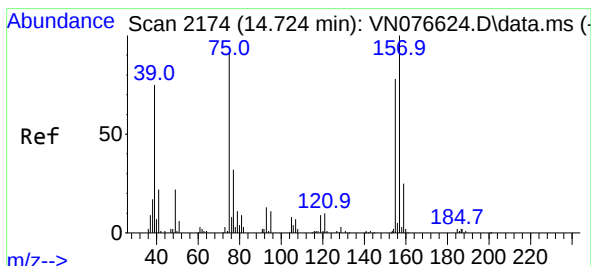
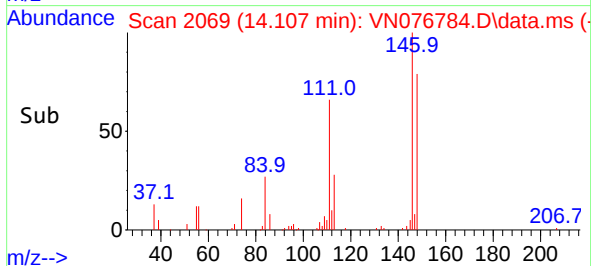
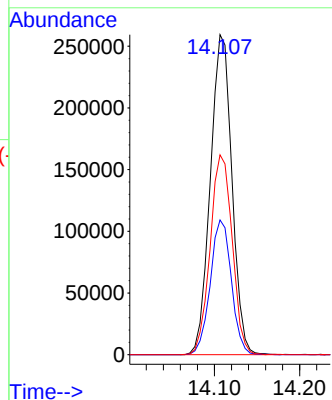
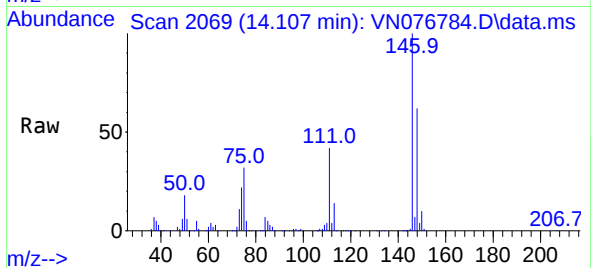
Tgt Ion:146 Resp: 456131

Ion Ratio Lower Upper

146 100

111 41.2 20.0 59.9

148 63.9 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 38.398 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN076784.D

Acq: 23 Feb 2023 11:00

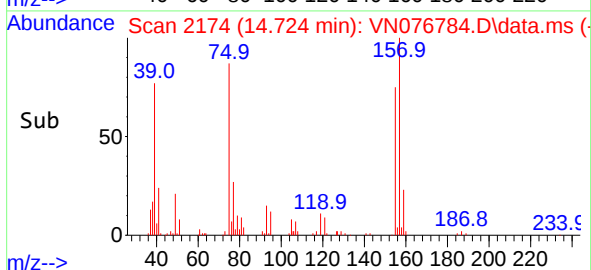
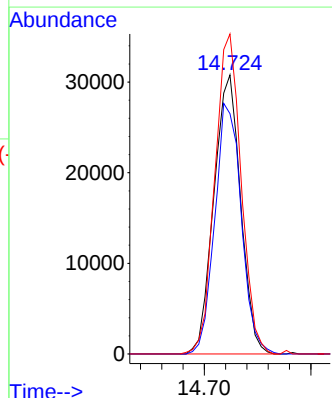
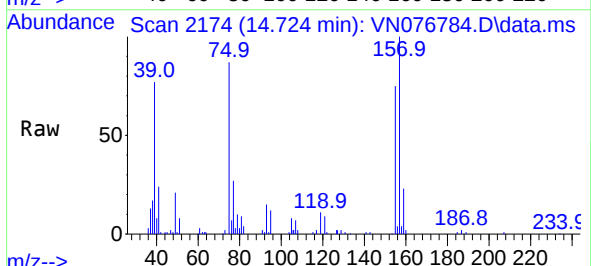
Tgt Ion: 75 Resp: 53629

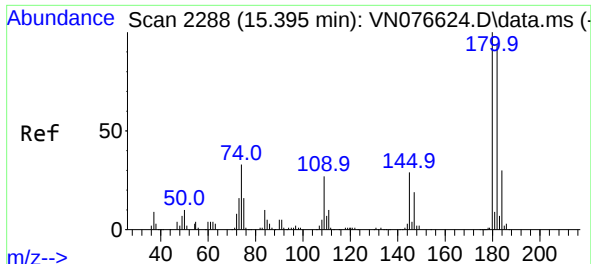
Ion Ratio Lower Upper

75 100

155 88.8 43.4 130.2

157 112.6 55.2 165.6

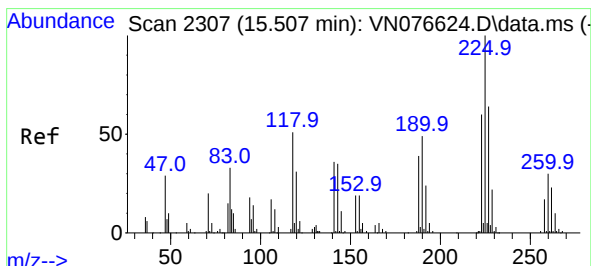
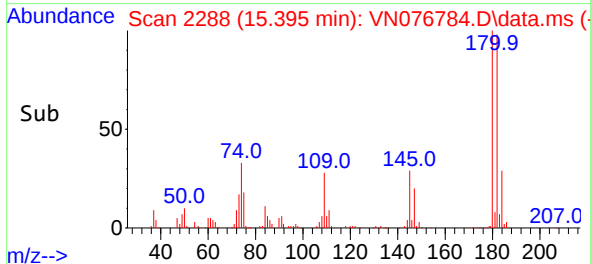
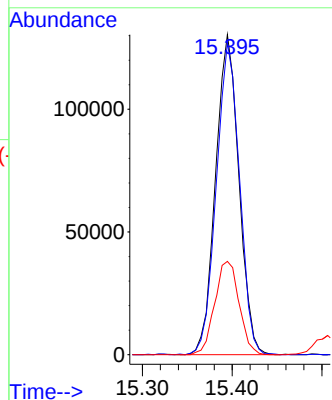
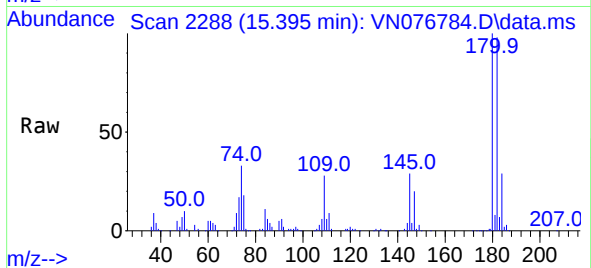




#93  
1,2,4-Trichlorobenzene  
Concen: 48.989 ug/l  
RT: 15.395 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

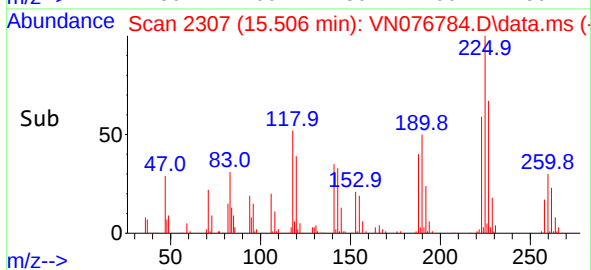
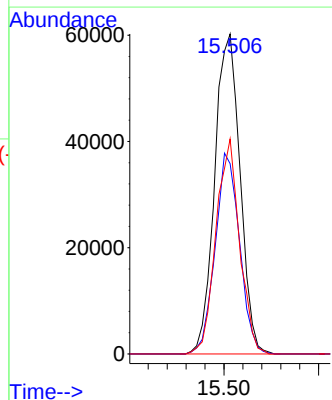
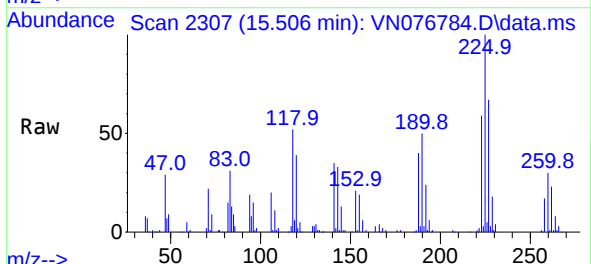
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

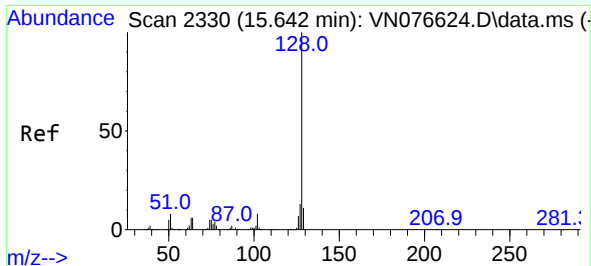
Tgt Ion:180 Resp: 235313  
Ion Ratio Lower Upper  
180 100  
182 96.8 48.0 144.0  
145 30.4 15.2 45.6



#94  
Hexachlorobutadiene  
Concen: 47.686 ug/l  
RT: 15.506 min Scan# 2307  
Delta R.T. -0.001 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion:225 Resp: 112262  
Ion Ratio Lower Upper  
225 100  
223 60.3 31.6 95.0  
227 62.4 31.3 93.9



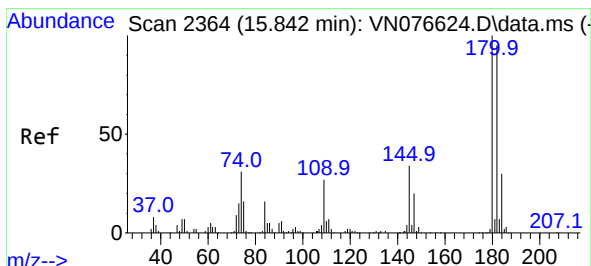
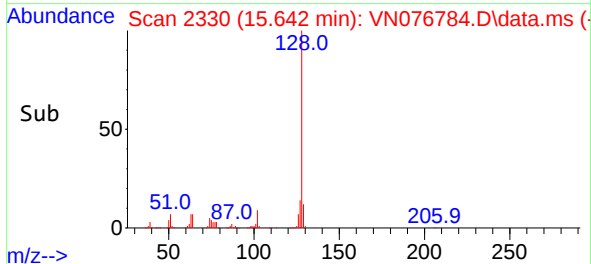
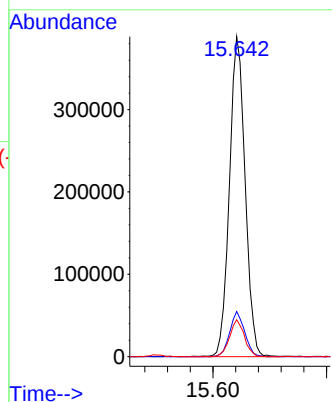
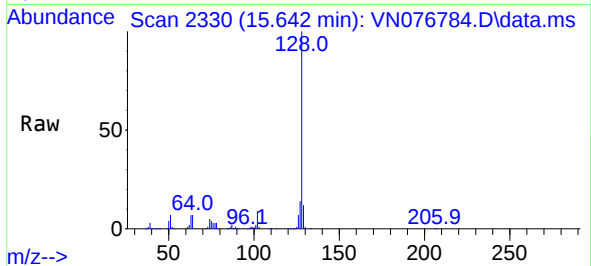


#95  
Naphthalene  
Concen: 51.164 ug/l  
RT: 15.642 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 745772

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.4  | 10.6  | 16.0  |
| 129 | 10.9  | 8.6   | 13.0  |



#96  
1,2,3-Trichlorobenzene  
Concen: 50.683 ug/l  
RT: 15.842 min Scan# 2364  
Delta R.T. -0.000 min  
Lab File: VN076784.D  
Acq: 23 Feb 2023 11:00

Tgt Ion:180 Resp: 235861

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 93.5  | 46.7  | 140.1 |
| 145 | 33.4  | 16.0  | 47.9  |

