

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031423\  
 Data File : VN076977.D  
 Acq On : 14 Mar 2023 12:33  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050

Quant Time: Mar 15 04:19:09 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031023W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 10 13:47:39 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.231  | 168  | 295359   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.107  | 114  | 443934   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.866 | 117  | 397804   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.795 | 152  | 203392   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.584  | 65    | 183311   | 41.590   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 83.180%  |
| 35) Dibromofluoromethane    | 8.172  | 113   | 124277   | 42.004   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 84.000%  |
| 50) Toluene-d8              | 10.572 | 98    | 441237   | 40.465   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 80.940%# |
| 62) 4-Bromofluorobenzene    | 12.854 | 95    | 181094   | 45.405   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 90.820%  |

|                              |       |     |         |         |        |    |
|------------------------------|-------|-----|---------|---------|--------|----|
| Target Compounds             |       |     |         |         | Qvalue |    |
| 2) Dichlorodifluoromethane   | 2.137 | 85  | 256825  | 48.275  | ug/l   | 98 |
| 3) Chloromethane             | 2.378 | 50  | 97891   | 34.003  | ug/l   | 98 |
| 4) Vinyl Chloride            | 2.525 | 62  | 117059  | 43.806  | ug/l   | 99 |
| 5) Bromomethane              | 2.949 | 94  | 101237  | 51.505  | ug/l   | 99 |
| 6) Chloroethane              | 3.119 | 64  | 76605   | 45.158  | ug/l   | 96 |
| 7) Trichlorofluoromethane    | 3.507 | 101 | 408607  | 58.931  | ug/l   | 99 |
| 8) Diethyl Ether             | 3.972 | 74  | 101867  | 45.663  | ug/l   | 97 |
| 9) 1,1,2-Trichlorotrifluo... | 4.384 | 101 | 175072  | 49.421  | ug/l   | 92 |
| 10) Methyl Iodide            | 4.601 | 142 | 203844  | 54.978  | ug/l # | 76 |
| 11) Tert butyl alcohol       | 5.531 | 59  | 155675  | 253.900 | ug/l   | 98 |
| 12) 1,1-Dichloroethene       | 4.354 | 96  | 158995  | 48.701  | ug/l   | 90 |
| 13) Acrolein                 | 4.190 | 56  | 131041  | 237.773 | ug/l   | 99 |
| 14) Allyl chloride           | 5.037 | 41  | 186538  | 39.828  | ug/l   | 86 |
| 15) Acrylonitrile            | 5.725 | 53  | 336585  | 194.240 | ug/l   | 96 |
| 16) Acetone                  | 4.437 | 43  | 452483  | 296.263 | ug/l # | 86 |
| 17) Carbon Disulfide         | 4.725 | 76  | 410128  | 45.350  | ug/l   | 99 |
| 18) Methyl Acetate           | 5.031 | 43  | 209542  | 37.201  | ug/l   | 97 |
| 19) Methyl tert-butyl Ether  | 5.807 | 73  | 621993  | 53.580  | ug/l   | 95 |
| 20) Methylene Chloride       | 5.290 | 84  | 168853  | 42.997  | ug/l   | 92 |
| 21) trans-1,2-Dichloroethene | 5.801 | 96  | 167664  | 48.443  | ug/l   | 89 |
| 22) Diisopropyl ether        | 6.684 | 45  | 410137  | 39.582  | ug/l   | 94 |
| 23) Vinyl Acetate            | 6.613 | 43  | 1420101 | 222.556 | ug/l   | 97 |
| 24) 1,1-Dichloroethane       | 6.578 | 63  | 303675  | 45.882  | ug/l   | 97 |
| 25) 2-Butanone               | 7.490 | 43  | 461554  | 212.483 | ug/l   | 93 |
| 26) 2,2-Dichloropropane      | 7.501 | 77  | 360062  | 61.473  | ug/l   | 92 |
| 27) cis-1,2-Dichloroethene   | 7.495 | 96  | 198348  | 49.664  | ug/l   | 88 |
| 28) Bromochloromethane       | 7.819 | 49  | 94003   | 39.263  | ug/l   | 94 |
| 29) Tetrahydrofuran          | 7.842 | 42  | 254822  | 189.264 | ug/l   | 99 |
| 30) Chloroform               | 7.972 | 83  | 385202  | 54.165  | ug/l   | 99 |
| 31) Cyclohexane              | 8.266 | 56  | 248735  | 39.334  | ug/l   | 93 |
| 32) 1,1,1-Trichloroethane    | 8.178 | 97  | 412769  | 61.908  | ug/l   | 96 |
| 36) 1,1-Dichloropropene      | 8.378 | 75  | 264369  | 57.774  | ug/l   | 96 |
| 37) Ethyl Acetate            | 7.566 | 43  | 171106  | 46.758  | ug/l   | 96 |
| 38) Carbon Tetrachloride     | 8.366 | 117 | 380603  | 71.067  | ug/l   | 97 |
| 39) Methylcyclohexane        | 9.607 | 83  | 312081  | 56.183  | ug/l   | 91 |
| 40) Benzene                  | 8.613 | 78  | 699613  | 51.869  | ug/l   | 97 |

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 Acq On : 14 Mar 2023 12:33  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 15 04:19:09 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031023W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 10 13:47:39 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.784  | 41   | 95675    | 43.937   | ug/l # | 89       |
| 42) 1,2-Dichloroethane        | 8.678  | 62   | 336207   | 63.904   | ug/l   | 91       |
| 43) Isopropyl Acetate         | 8.695  | 43   | 319782   | 49.503   | ug/l   | 95       |
| 44) Trichloroethene           | 9.354  | 130  | 201809   | 57.894   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.625  | 63   | 152511   | 45.956   | ug/l   | 92       |
| 46) Dibromomethane            | 9.713  | 93   | 133459   | 57.582   | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.889  | 83   | 313342   | 63.727   | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.684  | 41   | 160026   | 50.559   | ug/l   | 84       |
| 49) 1,4-Dioxane               | 9.695  | 88   | 65174    | 1087.462 | ug/l # | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.448 | 43   | 899362   | 231.762  | ug/l   | 95       |
| 52) Toluene                   | 10.631 | 92   | 474944   | 57.213   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.836 | 75   | 316879   | 64.642   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.313 | 75   | 310512   | 57.679   | ug/l # | 86       |
| 55) 1,1,2-Trichloroethane     | 11.019 | 97   | 172153   | 53.300   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.878 | 69   | 273589   | 55.846   | ug/l # | 85       |
| 57) 1,3-Dichloropropane       | 11.166 | 76   | 300654   | 52.789   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.160 | 63   | 423199   | 271.278  | ug/l   | 95       |
| 59) 2-Hexanone                | 11.195 | 43   | 706253   | 249.609  | ug/l   | 90       |
| 60) Dibromochloromethane      | 11.360 | 129  | 233129   | 65.513   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.472 | 107  | 184552   | 57.009   | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.107 | 164  | 219915   | 68.305   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.895 | 112  | 502447   | 56.467   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.960 | 131  | 218725   | 62.967   | ug/l   | 94       |
| 67) Ethyl Benzene             | 11.966 | 91   | 976797   | 59.699   | ug/l   | 96       |
| 68) m/p-Xylenes               | 12.072 | 106  | 723251   | 117.606  | ug/l   | 82       |
| 69) o-Xylene                  | 12.401 | 106  | 354083   | 59.307   | ug/l   | 79       |
| 70) Styrene                   | 12.413 | 104  | 591966   | 61.374   | ug/l # | 89       |
| 71) Bromoform                 | 12.577 | 173  | 172043   | 68.343   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.695 | 105  | 1001940  | 55.284   | ug/l   | 95       |
| 74) N-amyl acetate            | 12.495 | 43   | 271274   | 45.208   | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 12.942 | 83   | 214528   | 40.228   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.995 | 75   | 335116   | 67.960   | ug/l   | 66       |
| 77) Bromobenzene              | 12.983 | 156  | 226620   | 55.933   | ug/l   | 99       |
| 78) n-propylbenzene           | 13.036 | 91   | 1130584  | 56.020   | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.130 | 91   | 704425   | 53.824   | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 13.177 | 105  | 904967   | 58.618   | ug/l   | 91       |
| 81) trans-1,4-Dichloro-2-b... | 12.736 | 75   | 79286    | 52.521   | ug/l # | 82       |
| 82) 4-Chlorotoluene           | 13.224 | 91   | 701425   | 56.719   | ug/l   | 92       |
| 83) tert-Butylbenzene         | 13.442 | 119  | 783950   | 59.772   | ug/l   | 89       |
| 84) 1,2,4-Trimethylbenzene    | 13.483 | 105  | 898975   | 58.202   | ug/l   | 91       |
| 85) sec-Butylbenzene          | 13.619 | 105  | 1026273  | 57.085   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.730 | 119  | 916435   | 63.125   | ug/l   | 92       |
| 87) 1,3-Dichlorobenzene       | 13.736 | 146  | 429460   | 58.160   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.819 | 146  | 425306   | 57.417   | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.060 | 91   | 749044   | 61.829   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.336 | 117  | 160523   | 57.543   | ug/l   | 76       |
| 91) 1,2-Dichlorobenzene       | 14.107 | 146  | 414202   | 55.838   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.724 | 75   | 67720    | 57.517   | ug/l   | 81       |
| 93) 1,2,4-Trichlorobenzene    | 15.395 | 180  | 264736   | 64.204   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.507 | 225  | 157822   | 71.840   | ug/l   | 98       |
| 95) Naphthalene               | 15.642 | 128  | 731909   | 59.620   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.842 | 180  | 251317   | 62.767   | ug/l   | 99       |

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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: Mar 15 04:19:09 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031023W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 10 13:47:39 2023  
Response via : Initial Calibration

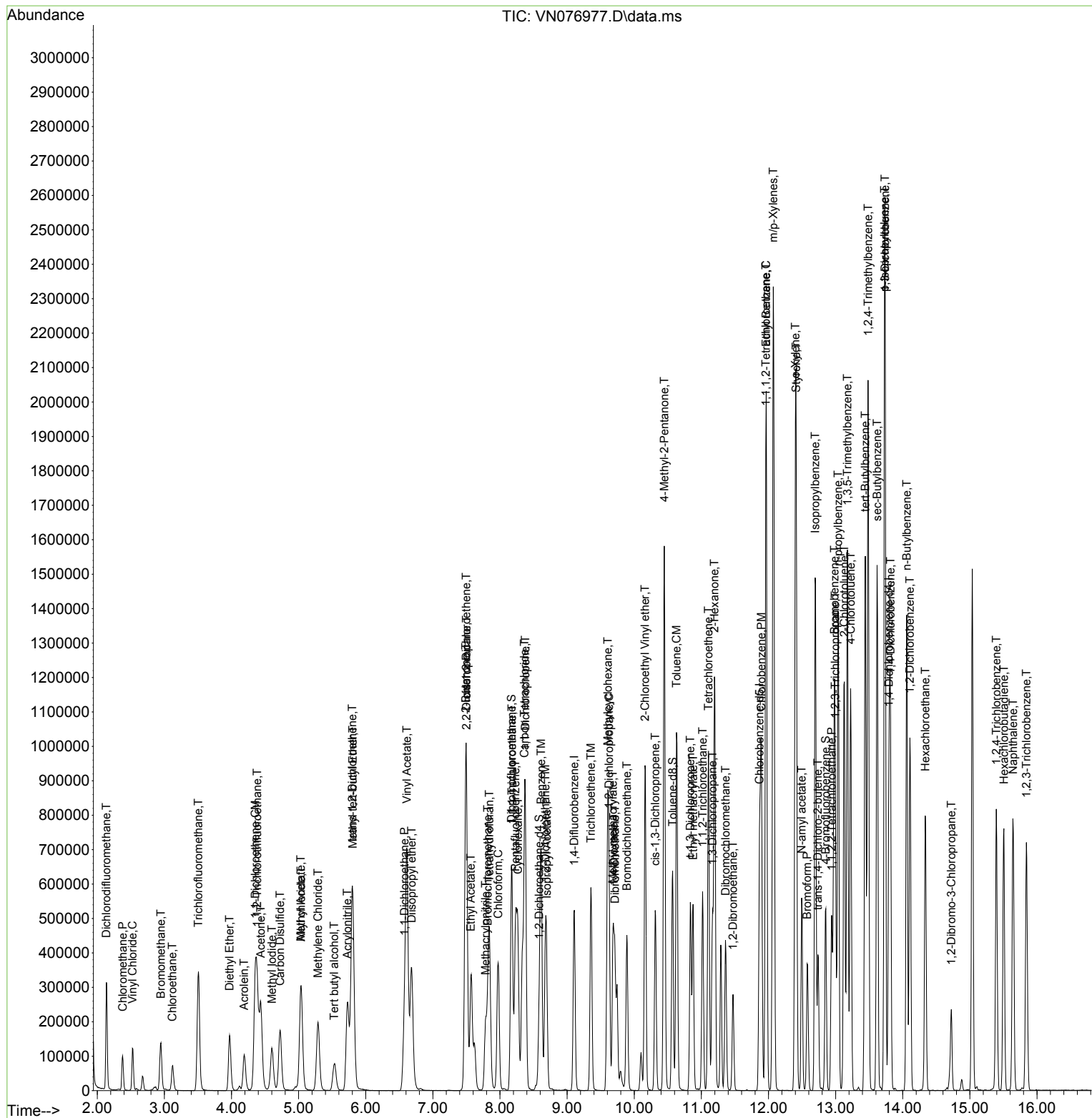
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

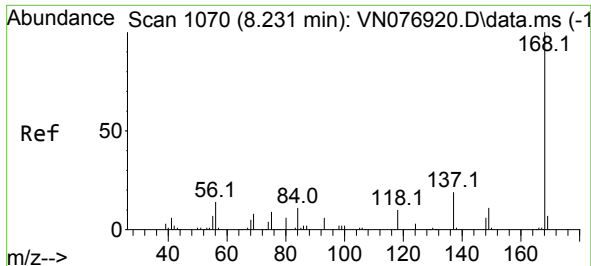
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031423\  
 Data File : VN076977.D  
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 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 15 04:19:09 2023  
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 QLast Update : Fri Mar 10 13:47:39 2023  
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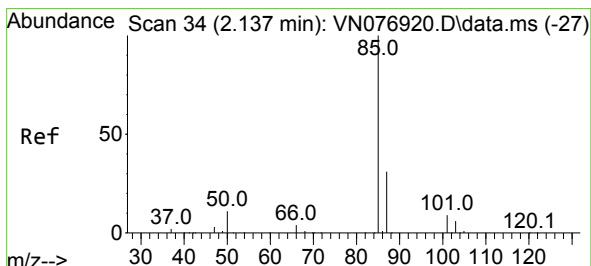
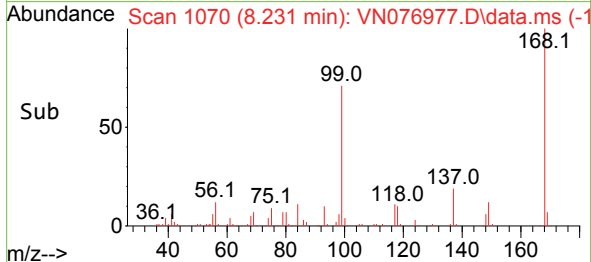
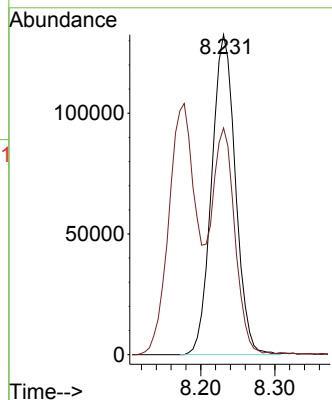
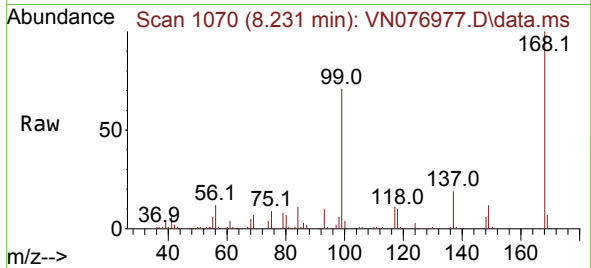




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.231 min Scan# 1070  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

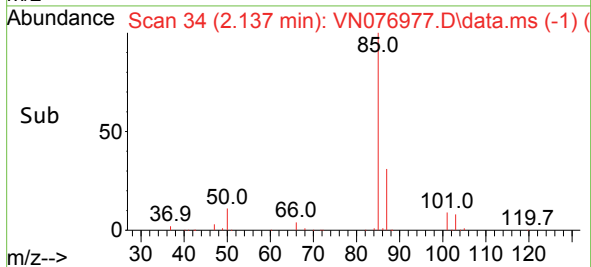
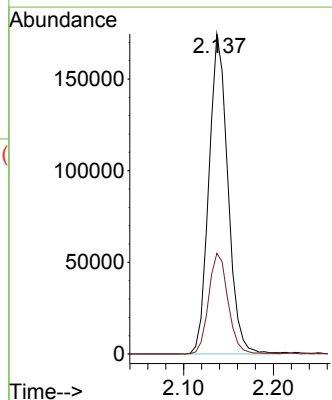
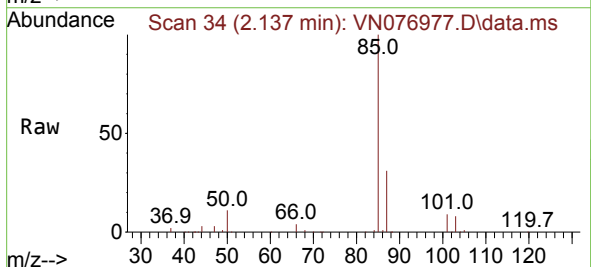
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

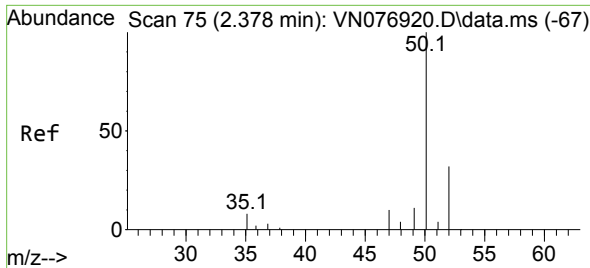
Tgt Ion:168 Resp: 295359  
Ion Ratio Lower Upper  
168 100  
99 70.2 48.6 73.0



#2  
Dichlorodifluoromethane  
Concen: 48.275 ug/l  
RT: 2.137 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 85 Resp: 256825  
Ion Ratio Lower Upper  
85 100  
87 31.5 16.2 48.6

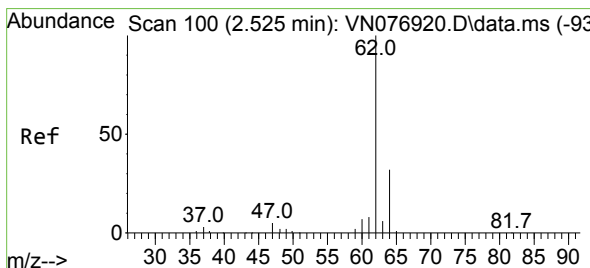
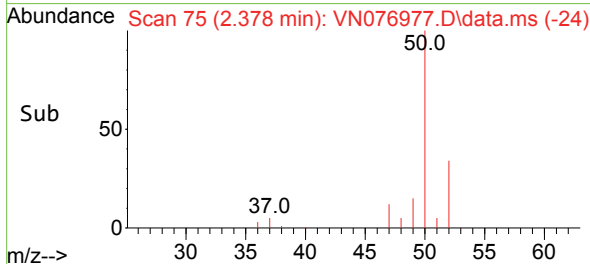
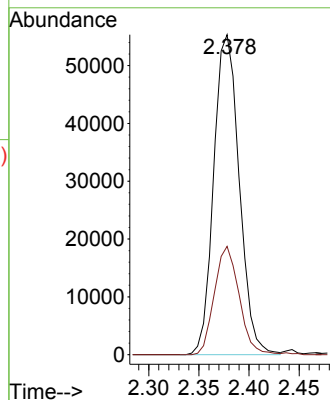
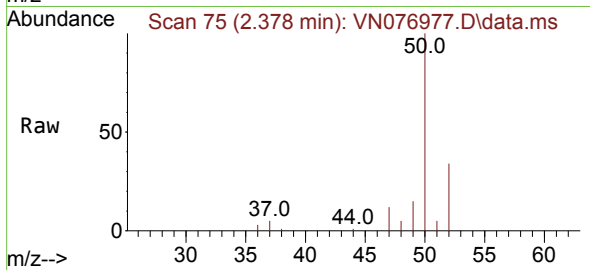




#3  
Chloromethane  
Concen: 34.003 ug/l  
RT: 2.378 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

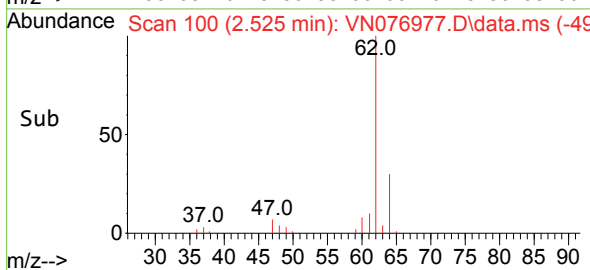
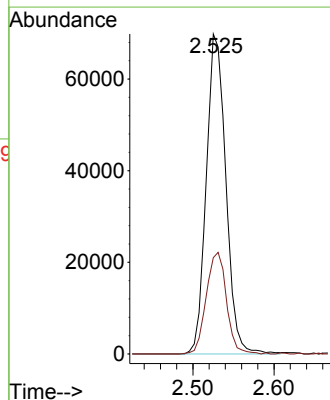
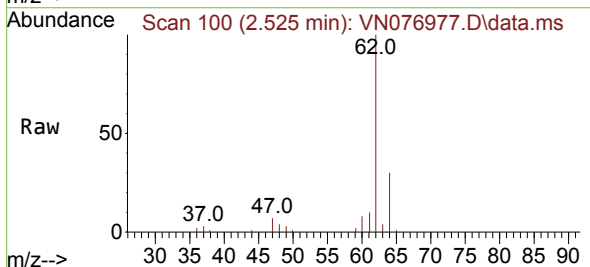
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

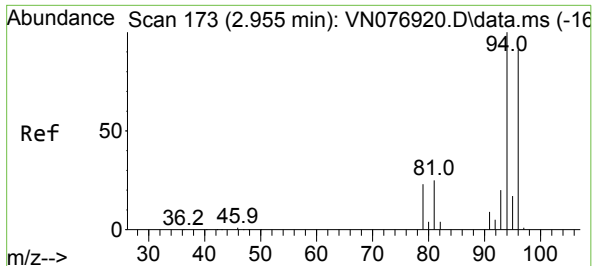
Tgt Ion: 50 Resp: 97891  
Ion Ratio Lower Upper  
50 100  
52 33.8 27.9 41.9



#4  
Vinyl Chloride  
Concen: 43.806 ug/l  
RT: 2.525 min Scan# 100  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 62 Resp: 117059  
Ion Ratio Lower Upper  
62 100  
64 30.1 24.5 36.7

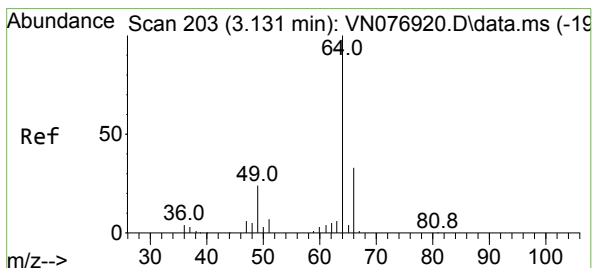
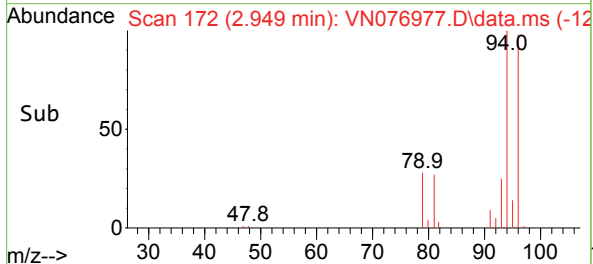
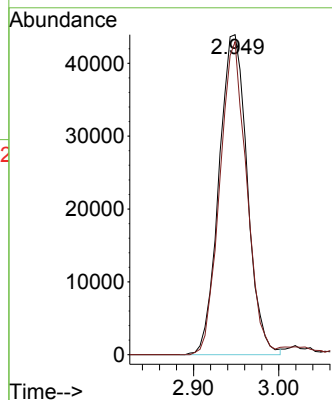
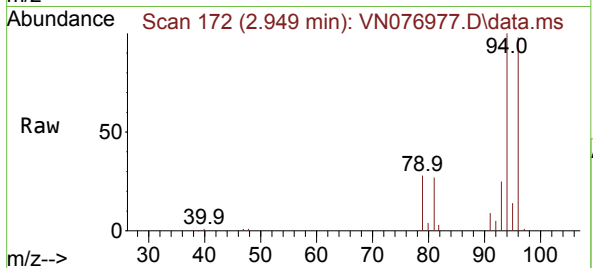




#5  
Bromomethane  
Concen: 51.505 ug/l  
RT: 2.949 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

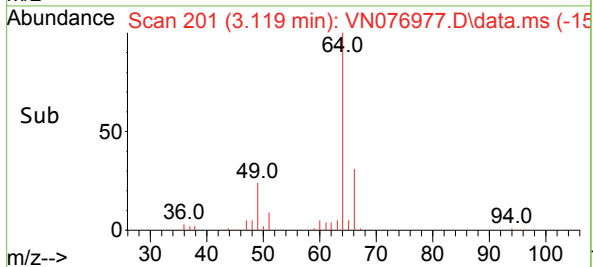
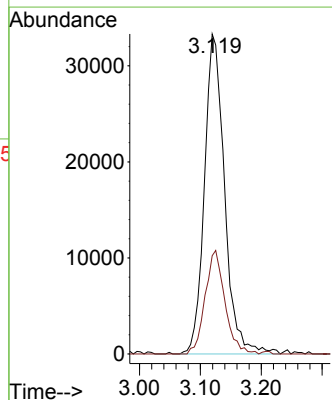
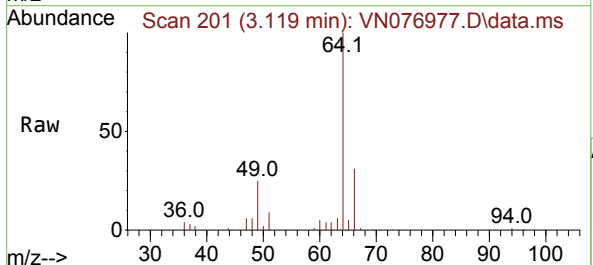
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

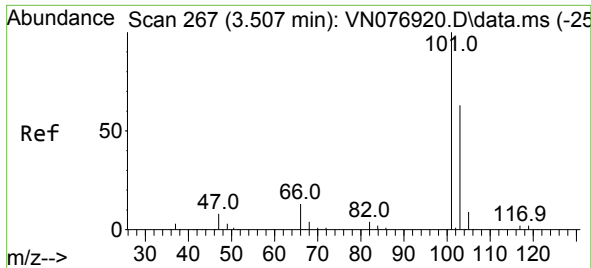
Tgt Ion: 94 Resp: 101237  
Ion Ratio Lower Upper  
94 100  
96 97.8 79.0 118.6



#6  
Chloroethane  
Concen: 45.158 ug/l  
RT: 3.119 min Scan# 201  
Delta R.T. -0.012 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 64 Resp: 76605  
Ion Ratio Lower Upper  
64 100  
66 30.7 26.2 39.4

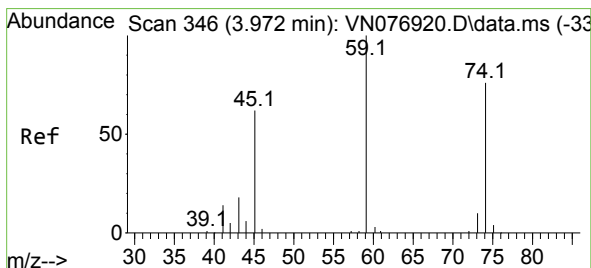
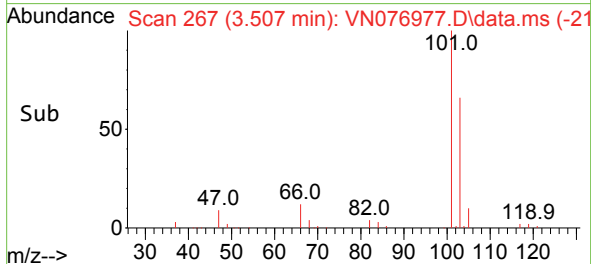
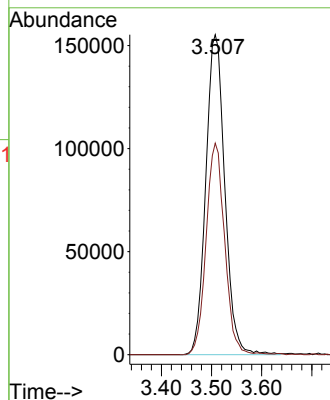
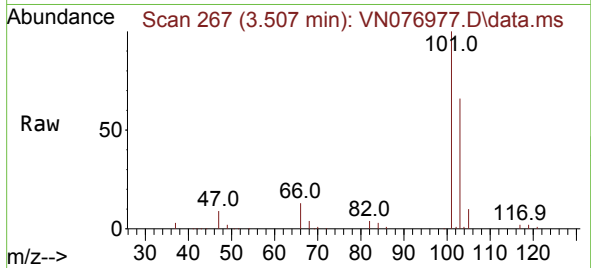




#7  
Trichlorofluoromethane  
Concen: 58.931 ug/l  
RT: 3.507 min Scan# 210  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

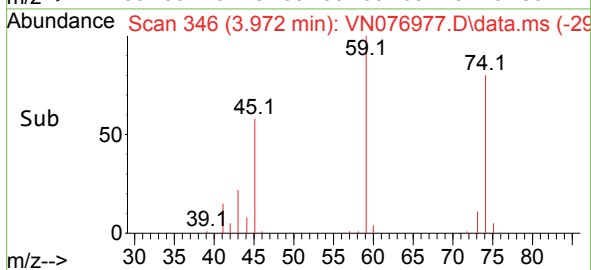
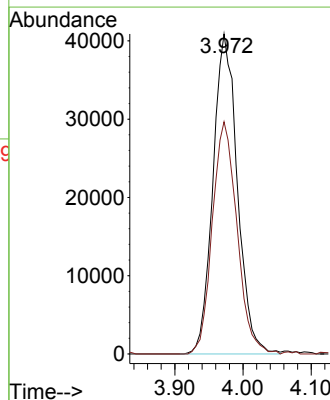
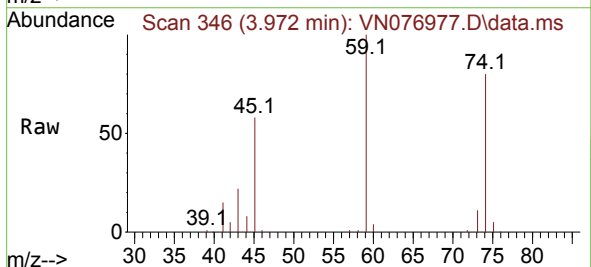
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

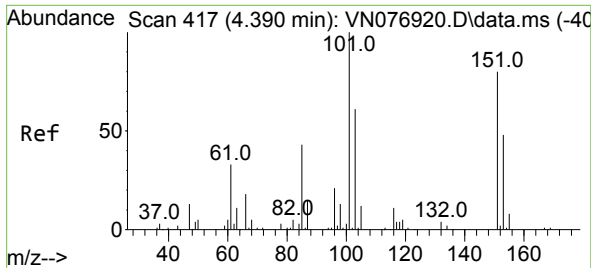
Tgt Ion:101 Resp: 408607  
Ion Ratio Lower Upper  
101 100  
103 66.1 53.4 80.0



#8  
Diethyl Ether  
Concen: 45.663 ug/l  
RT: 3.972 min Scan# 346  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 74 Resp: 101867  
Ion Ratio Lower Upper  
74 100  
45 73.5 35.5 106.5

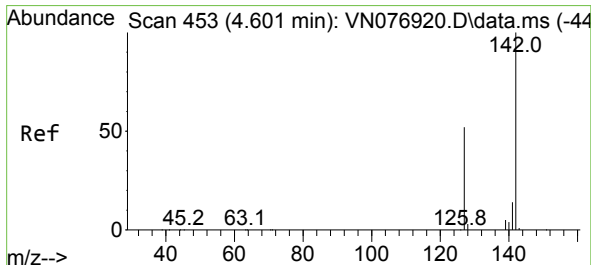
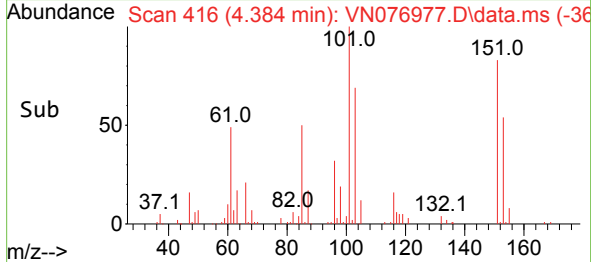
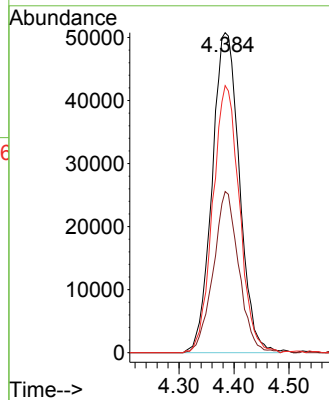
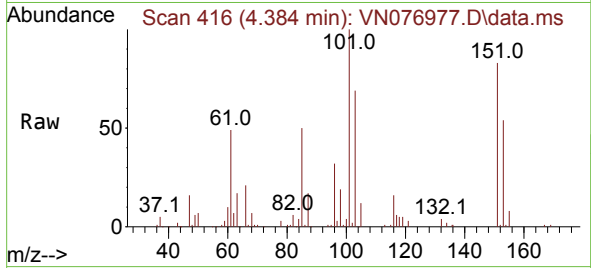




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.421 ug/l  
RT: 4.384 min Scan# 417  
Delta R.T. -0.006 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

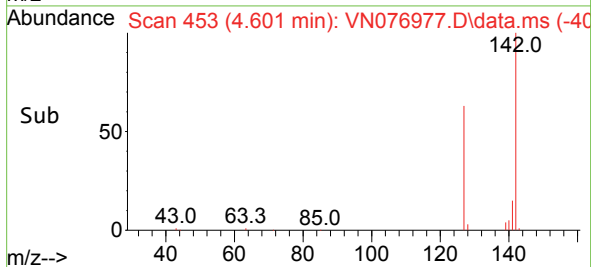
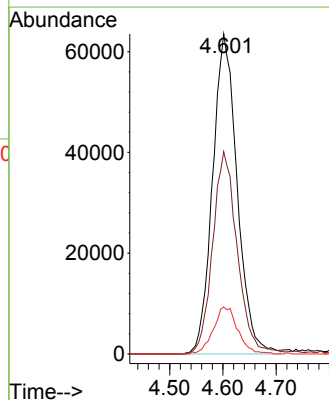
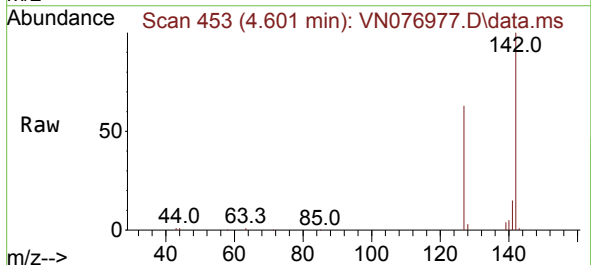
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

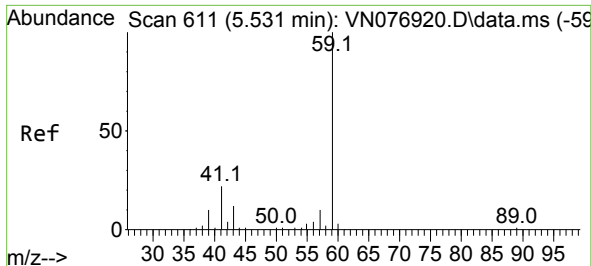
Tgt Ion:101 Resp: 175072  
Ion Ratio Lower Upper  
101 100  
85 47.1 35.2 52.8  
151 81.5 58.9 88.3



#10  
Methyl Iodide  
Concen: 54.978 ug/l  
RT: 4.601 min Scan# 453  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion:142 Resp: 203844  
Ion Ratio Lower Upper  
142 100  
127 63.2 35.2 52.8#  
141 14.7 10.2 15.2

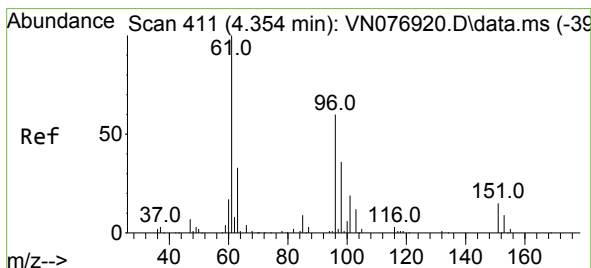
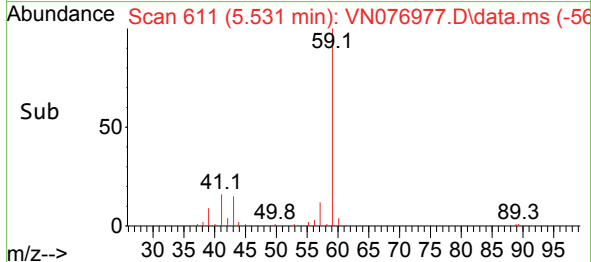
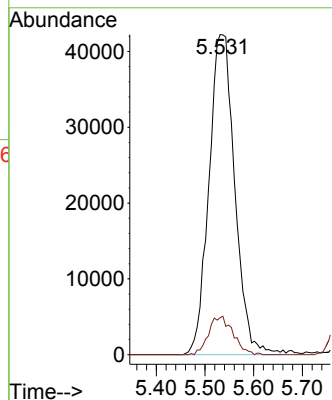
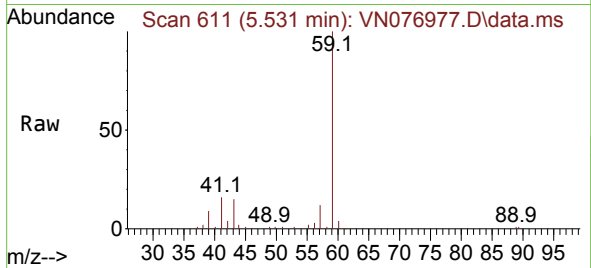




#11  
Tert butyl alcohol  
Concen: 253.900 ug/l  
RT: 5.531 min Scan# 611  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

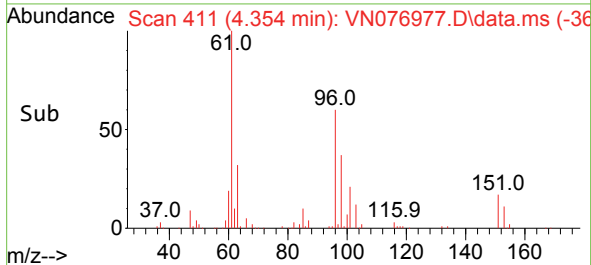
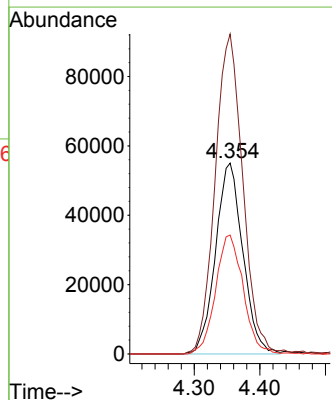
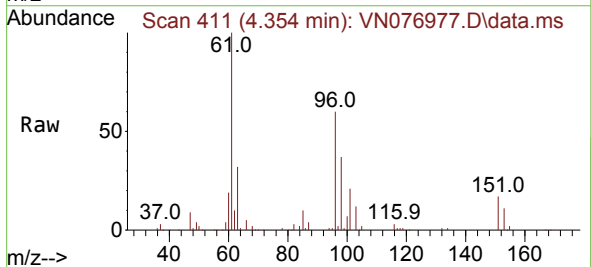
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

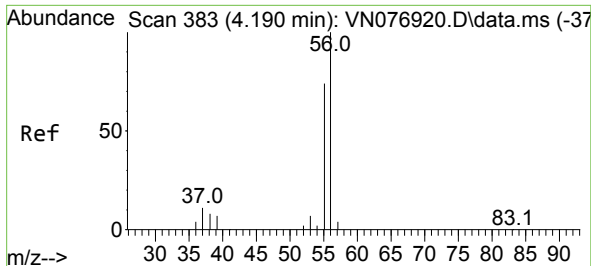
Tgt Ion: 59 Resp: 155675  
Ion Ratio Lower Upper  
59 100  
57 11.4 8.6 12.8



#12  
1,1-Dichloroethene  
Concen: 48.701 ug/l  
RT: 4.354 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 96 Resp: 158995  
Ion Ratio Lower Upper  
96 100  
61 167.7 121.3 181.9  
98 62.3 52.1 78.1

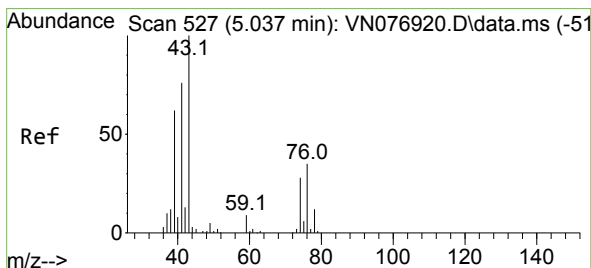
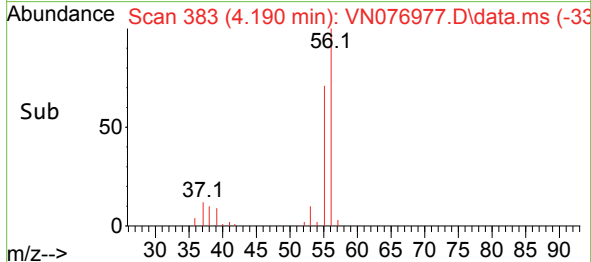
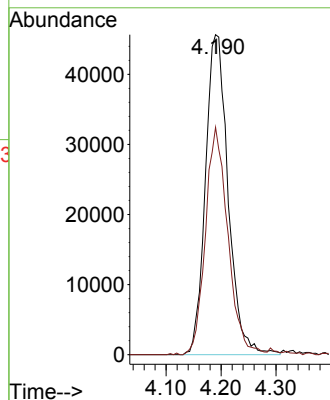
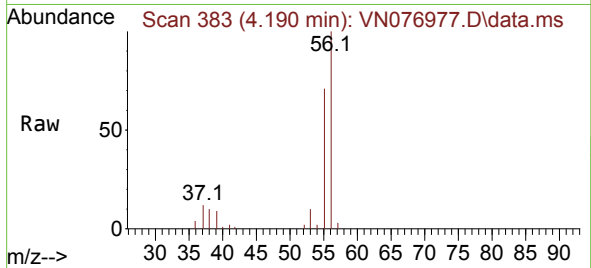




#13  
Acrolein  
Concen: 237.773 ug/l  
RT: 4.190 min Scan# 383  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

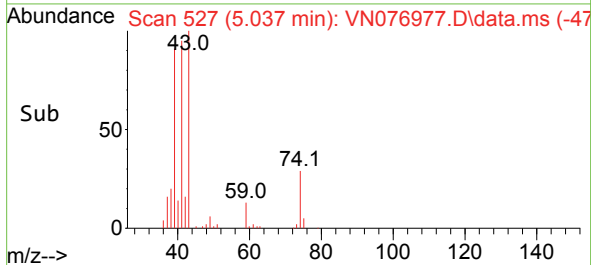
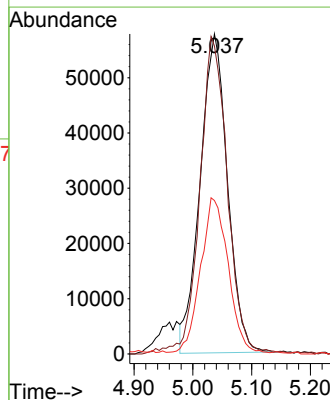
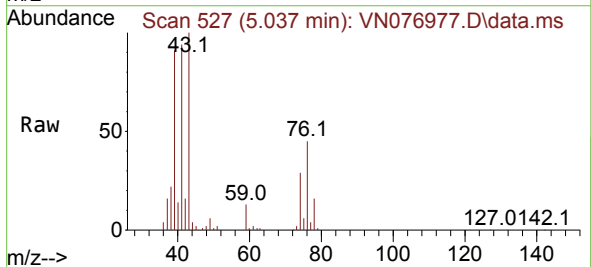
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

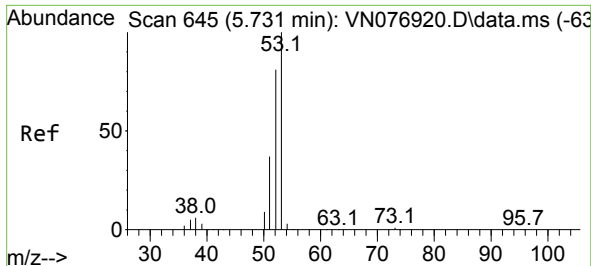
Tgt Ion: 56 Resp: 131041  
Ion Ratio Lower Upper  
56 100  
55 70.1 56.7 85.1



#14  
Allyl chloride  
Concen: 39.828 ug/l  
RT: 5.037 min Scan# 527  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 41 Resp: 186538  
Ion Ratio Lower Upper  
41 100  
39 100.7 68.1 102.1  
76 48.8 44.1 66.1

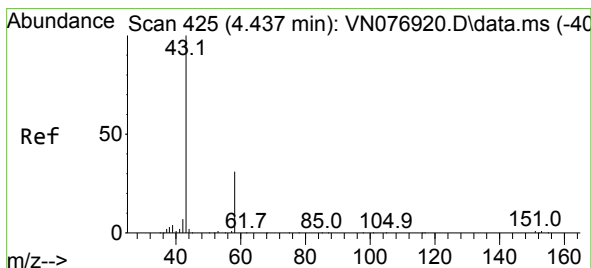
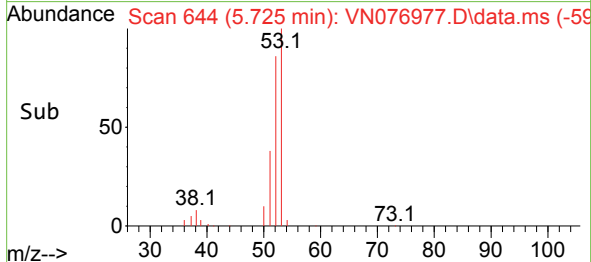
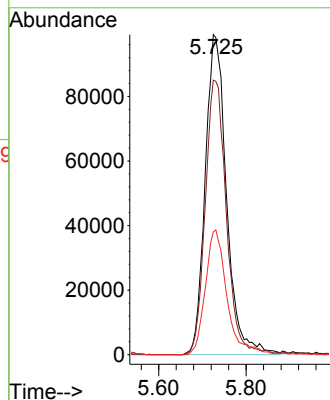
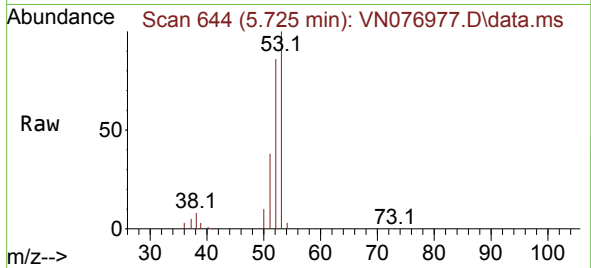




#15  
Acrylonitrile  
Concen: 194.240 ug/l  
RT: 5.725 min Scan# 645  
Delta R.T. -0.006 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

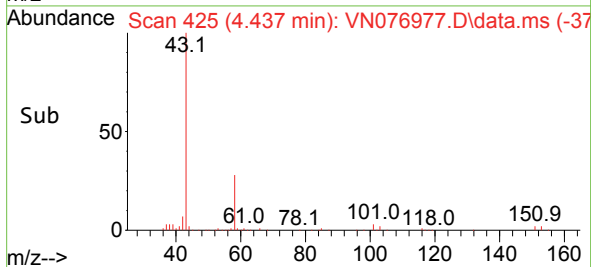
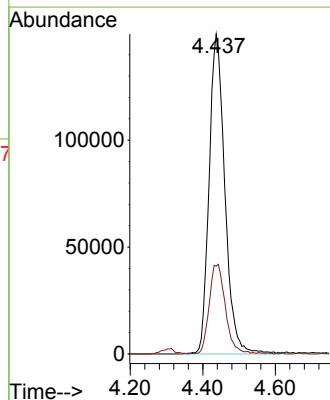
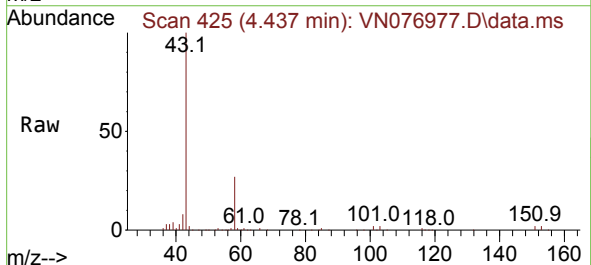
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

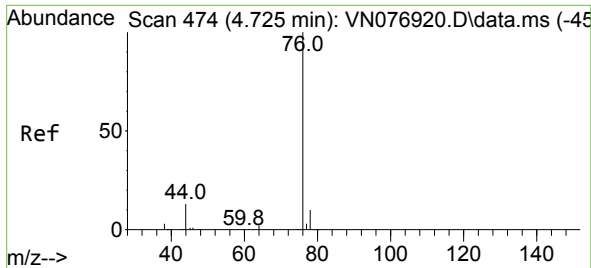
Tgt Ion: 53 Resp: 336585  
Ion Ratio Lower Upper  
53 100  
52 84.3 65.3 97.9  
51 39.5 28.8 43.2



#16  
Acetone  
Concen: 296.263 ug/l  
RT: 4.437 min Scan# 425  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 43 Resp: 452483  
Ion Ratio Lower Upper  
43 100  
58 27.3 28.2 42.2#

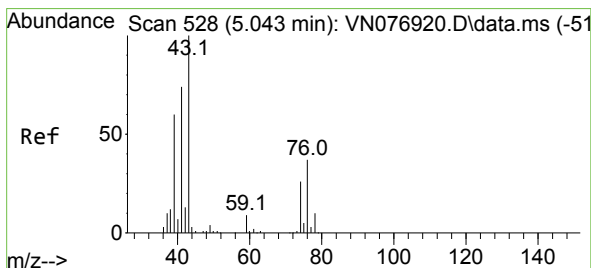
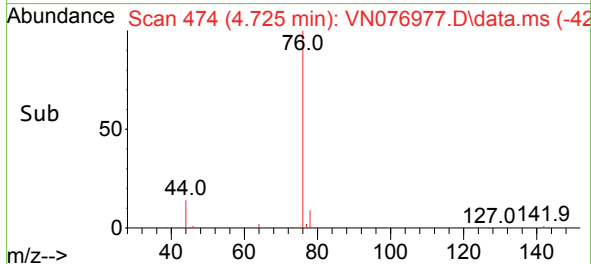
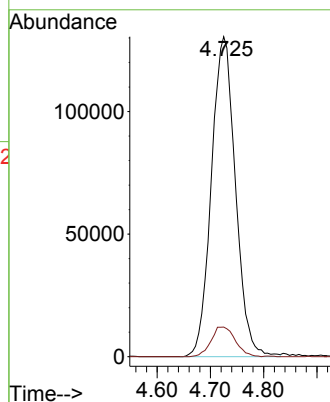
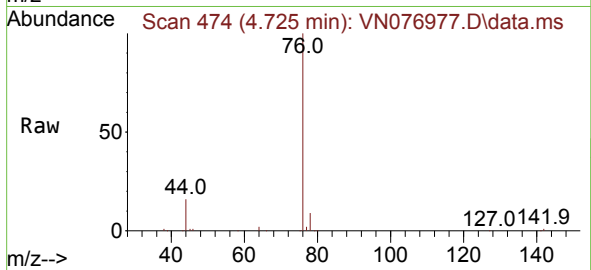




#17  
Carbon Disulfide  
Concen: 45.350 ug/l  
RT: 4.725 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

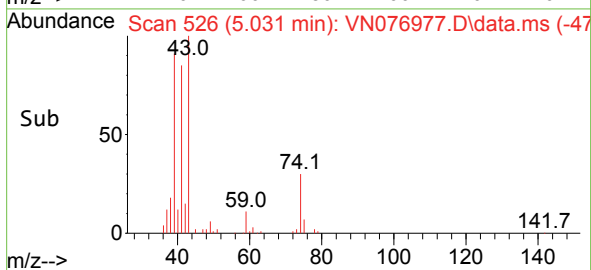
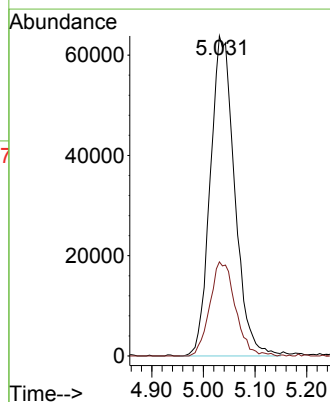
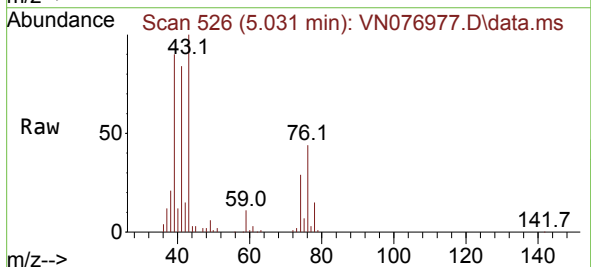
Instrument :  
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ClientSampleId :  
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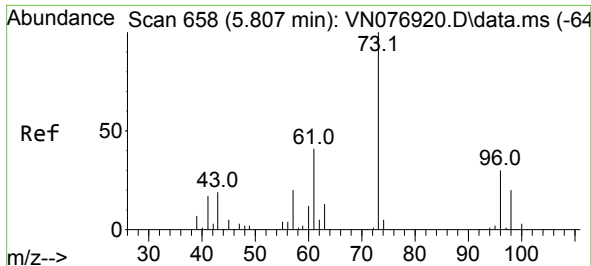
Tgt Ion: 76 Resp: 410128  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.8 11.8



#18  
Methyl Acetate  
Concen: 37.201 ug/l  
RT: 5.031 min Scan# 526  
Delta R.T. -0.012 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 43 Resp: 209542  
Ion Ratio Lower Upper  
43 100  
74 30.7 25.9 38.9

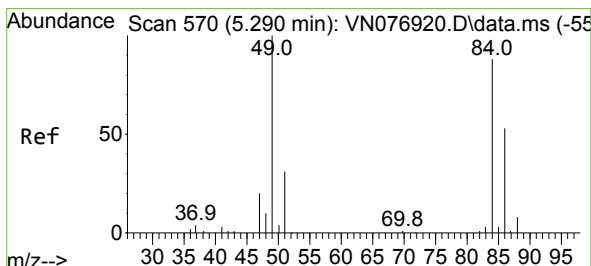
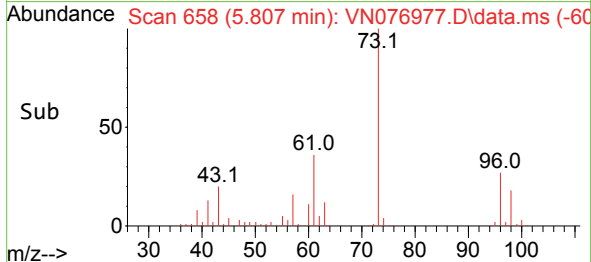
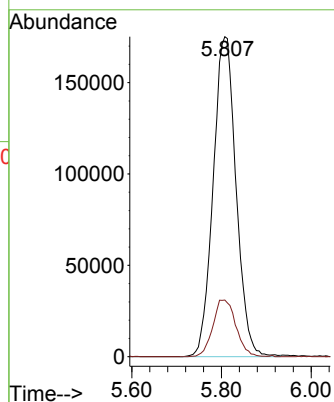
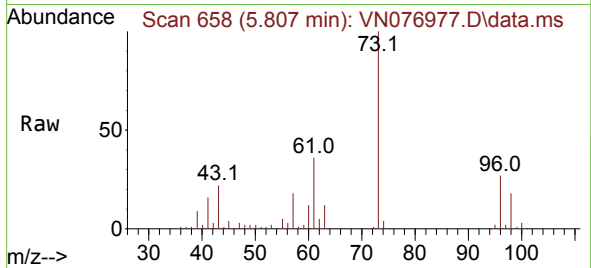




#19  
Methyl tert-butyl Ether  
Concen: 53.580 ug/l  
RT: 5.807 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

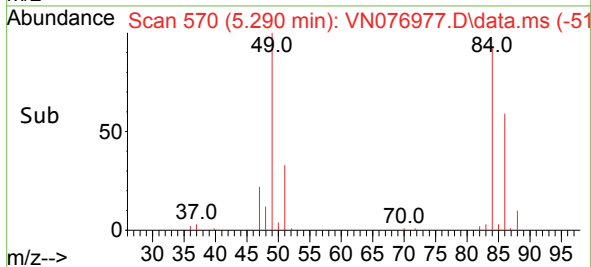
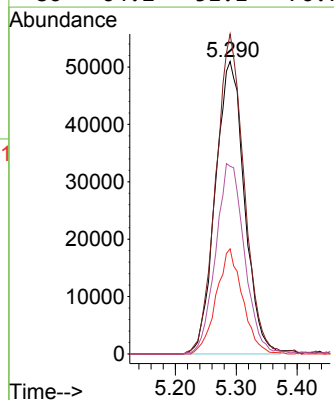
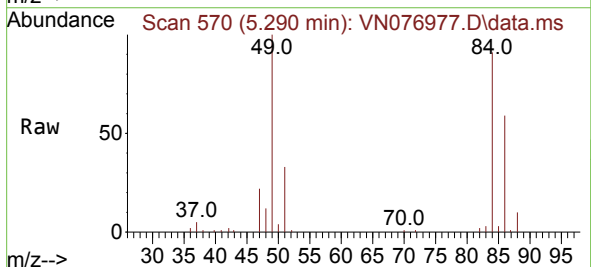
Instrument :  
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ClientSampleId :  
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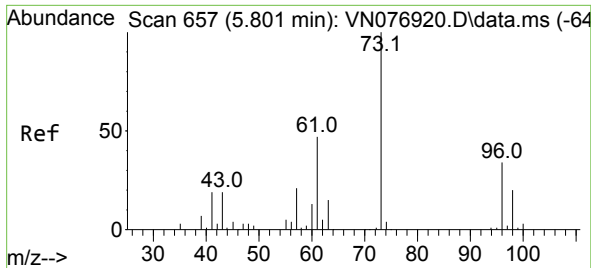
Tgt Ion: 73 Resp: 621993  
Ion Ratio Lower Upper  
73 100  
57 17.7 16.1 24.1



#20  
Methylene Chloride  
Concen: 42.997 ug/l  
RT: 5.290 min Scan# 570  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 84 Resp: 168853  
Ion Ratio Lower Upper  
84 100  
49 109.4 76.6 114.8  
51 36.0 25.4 38.2  
86 64.2 51.1 76.7

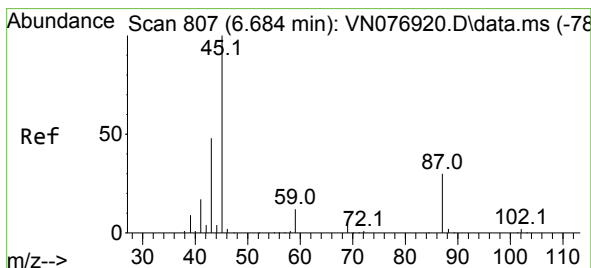
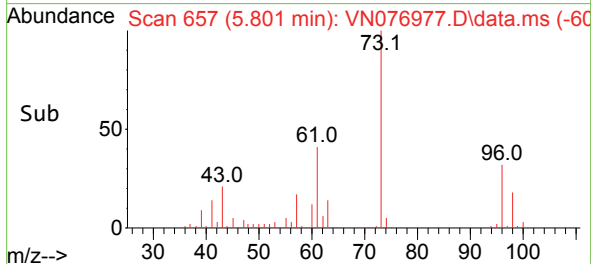
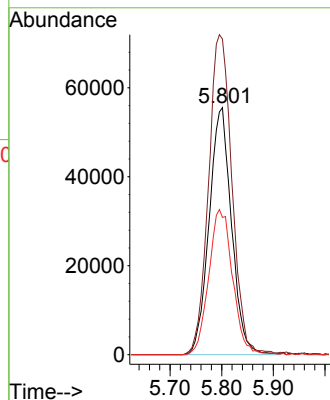
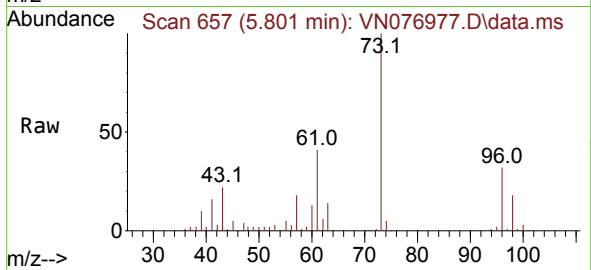




#21  
trans-1,2-Dichloroethene  
Concen: 48.443 ug/l  
RT: 5.801 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

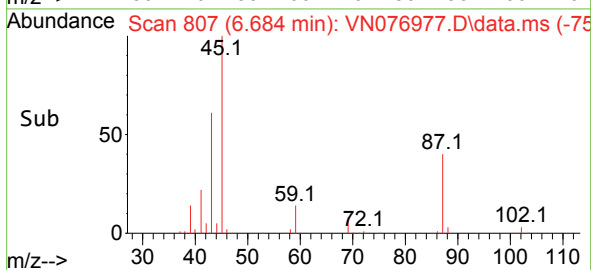
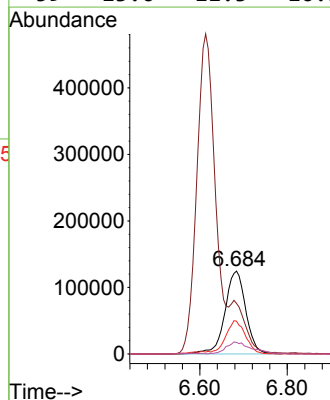
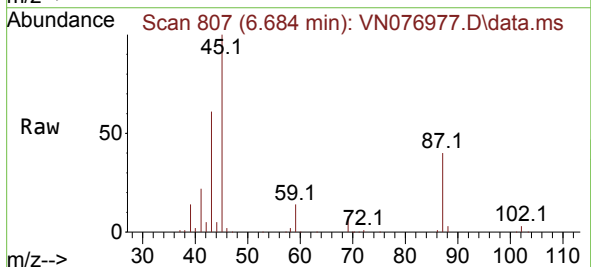
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

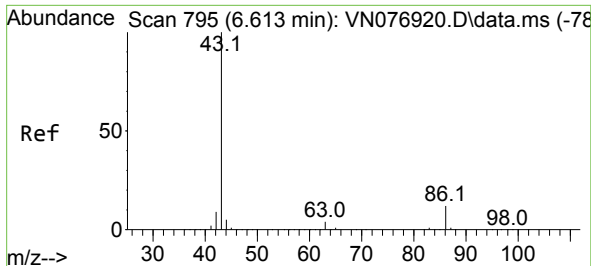
Tgt Ion: 96 Resp: 167664  
Ion Ratio Lower Upper  
96 100  
61 127.7 95.0 142.6  
98 55.6 54.5 81.7



#22  
Diisopropyl ether  
Concen: 39.582 ug/l  
RT: 6.684 min Scan# 807  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 45 Resp: 410137  
Ion Ratio Lower Upper  
45 100  
43 59.6 42.6 63.8  
87 39.6 29.7 44.5  
59 13.6 11.3 16.9

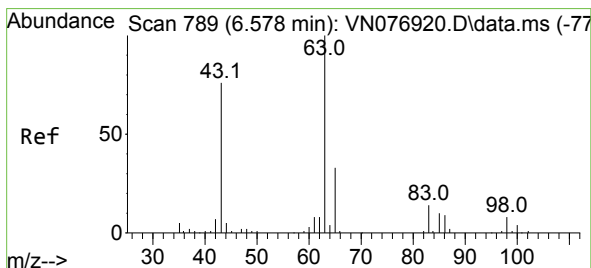
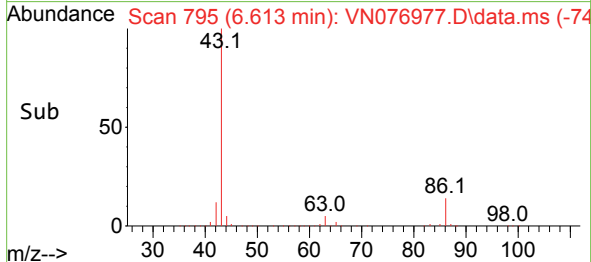
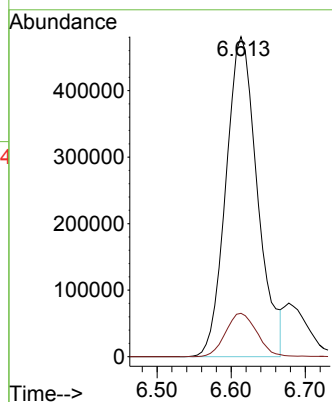
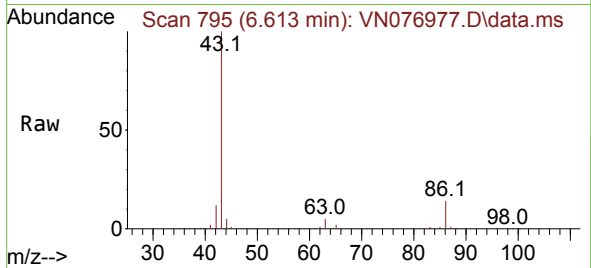




#23  
 Vinyl Acetate  
 Concen: 222.556 ug/l  
 RT: 6.613 min Scan# 795  
 Delta R.T. 0.000 min  
 Lab File: VN076977.D  
 Acq: 14 Mar 2023 12:33

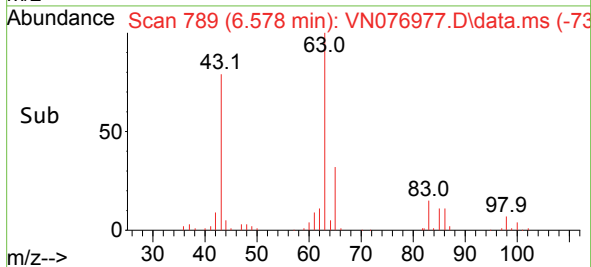
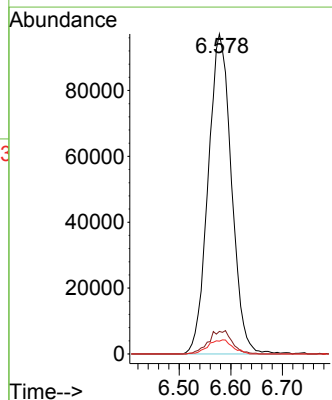
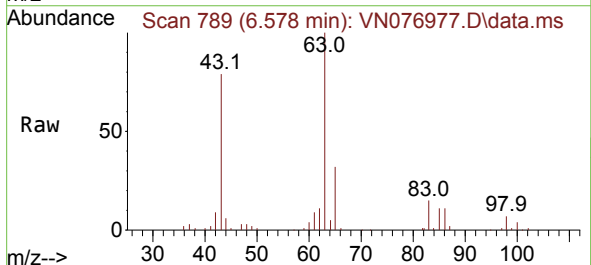
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

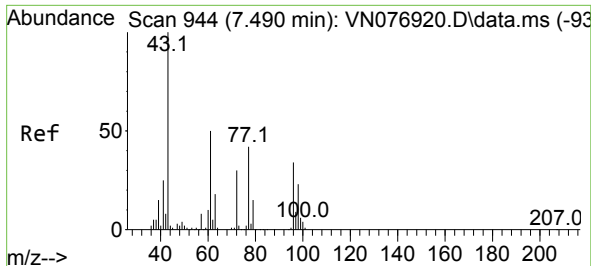
Tgt Ion: 43 Resp: 1420101  
 Ion Ratio Lower Upper  
 43 100  
 86 13.5 11.8 17.6



#24  
 1,1-Dichloroethane  
 Concen: 45.882 ug/l  
 RT: 6.578 min Scan# 789  
 Delta R.T. -0.000 min  
 Lab File: VN076977.D  
 Acq: 14 Mar 2023 12:33

Tgt Ion: 63 Resp: 303675  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 4.2 12.6  
 100 4.0 2.2 6.6

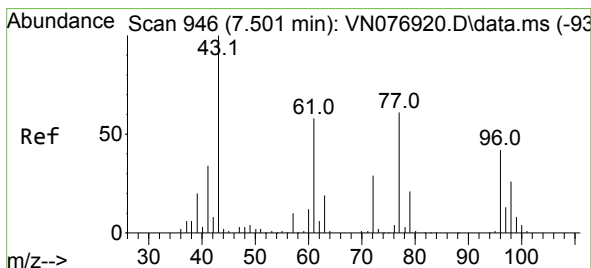
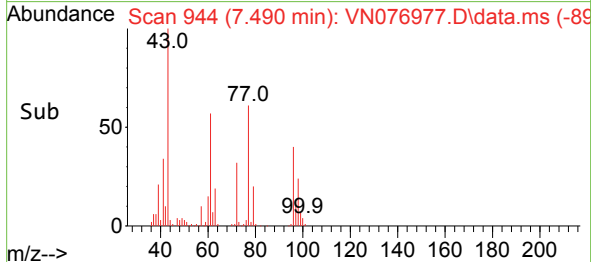
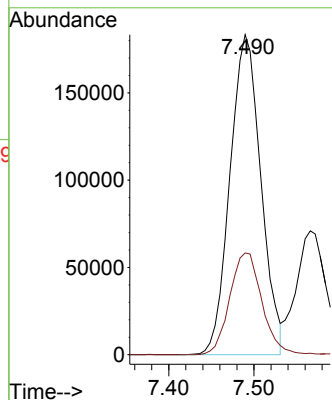
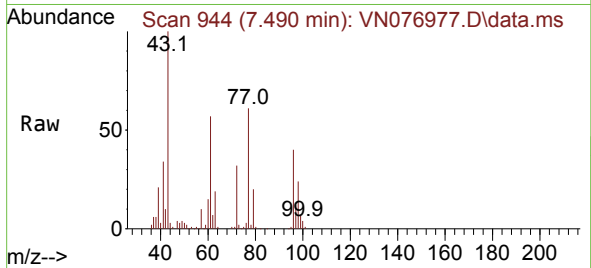




#25  
2-Butanone  
Concen: 212.483 ug/l  
RT: 7.490 min Scan# 944  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

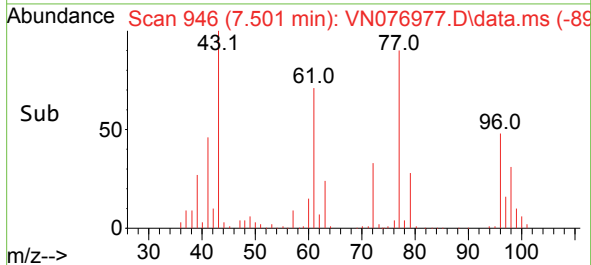
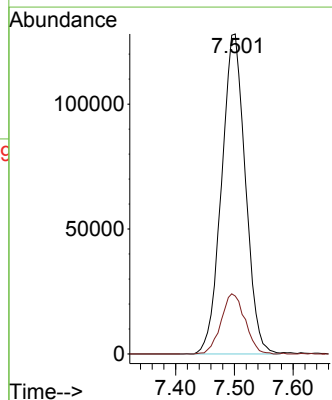
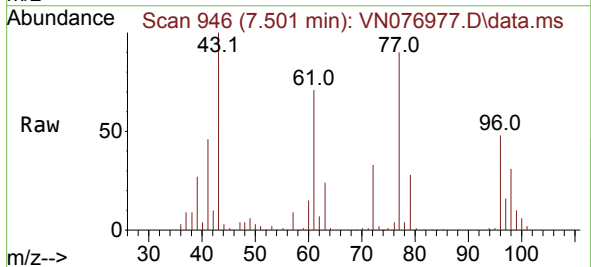
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

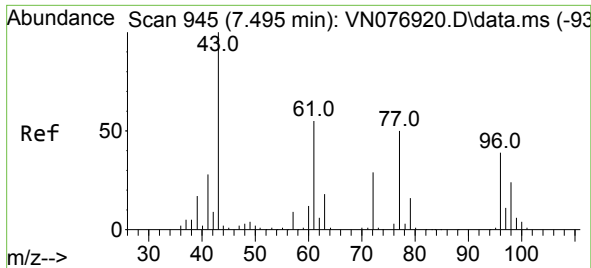
Tgt Ion: 43 Resp: 461554  
Ion Ratio Lower Upper  
43 100  
72 31.8 28.8 43.2



#26  
2,2-Dichloropropane  
Concen: 61.473 ug/l  
RT: 7.501 min Scan# 946  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 77 Resp: 360062  
Ion Ratio Lower Upper  
77 100  
97 19.0 11.5 34.5



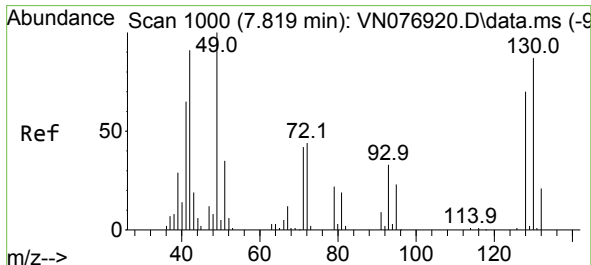
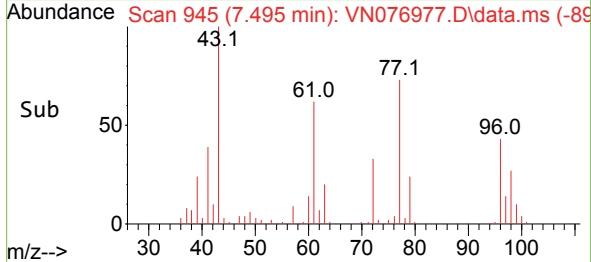
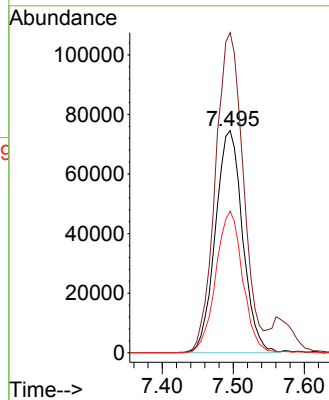
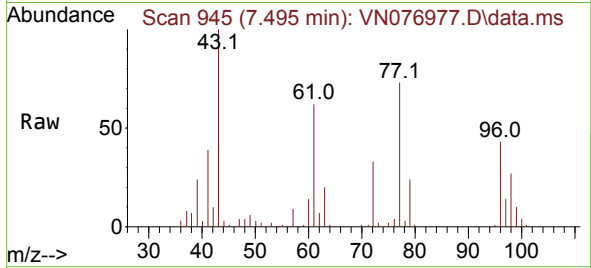


#27  
 cis-1,2-Dichloroethene  
 Concen: 49.664 ug/l  
 RT: 7.495 min Scan# 945  
 Delta R.T. 0.000 min  
 Lab File: VN076977.D  
 Acq: 14 Mar 2023 12:33

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 96 Resp: 198348  

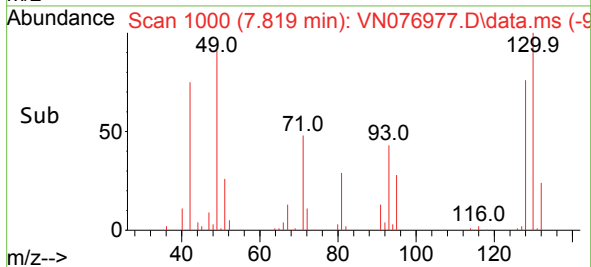
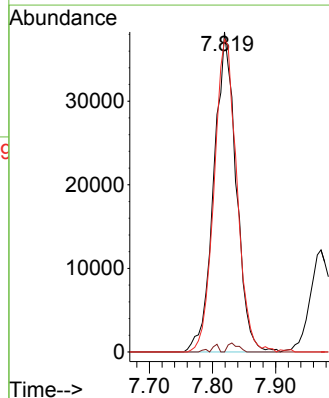
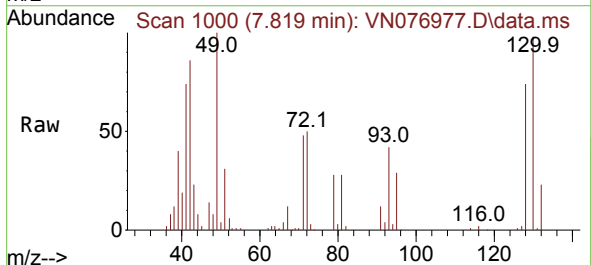
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 147.4 | 0.0   | 255.6 |
| 98  | 63.1  | 0.0   | 127.4 |

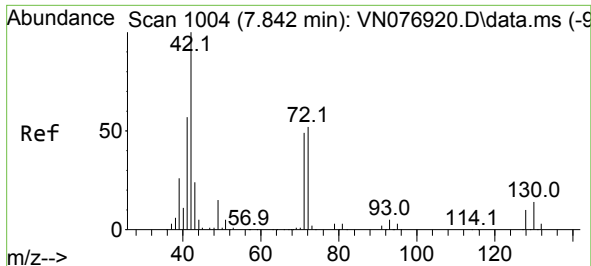


#28  
 Bromochloromethane  
 Concen: 39.263 ug/l  
 RT: 7.819 min Scan# 1000  
 Delta R.T. -0.000 min  
 Lab File: VN076977.D  
 Acq: 14 Mar 2023 12:33

Tgt Ion: 49 Resp: 94003  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.8   | 0.0   | 4.6   |
| 130 | 99.3  | 74.8  | 112.2 |





#29

Tetrahydrofuran

Concen: 189.264 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

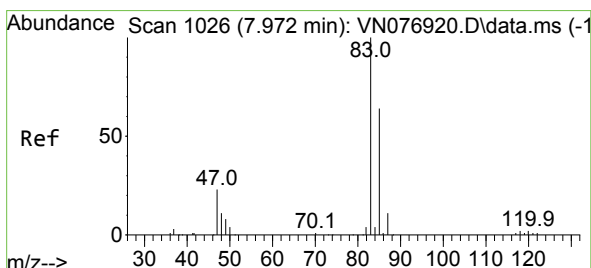
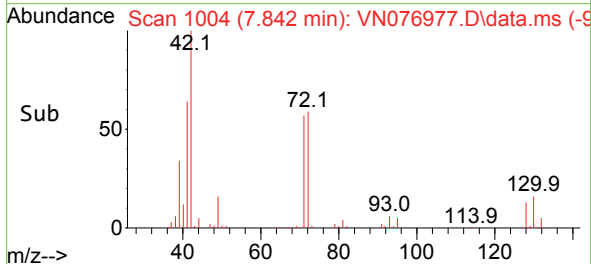
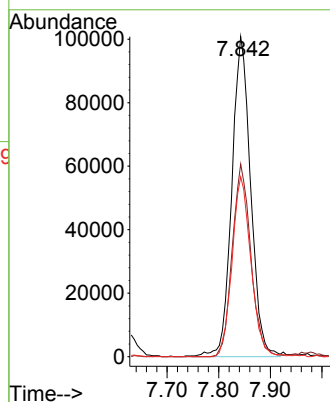
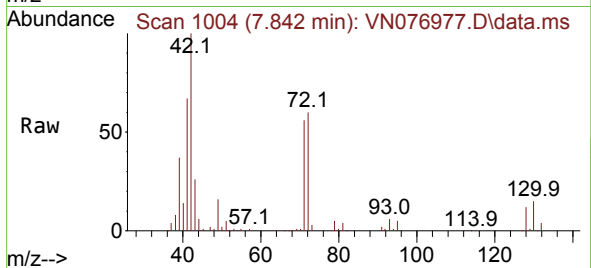
Tgt Ion: 42 Resp: 254822

Ion Ratio Lower Upper

42 100

72 59.4 48.6 73.0

71 56.2 45.1 67.7



#30

Chloroform

Concen: 54.165 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076977.D

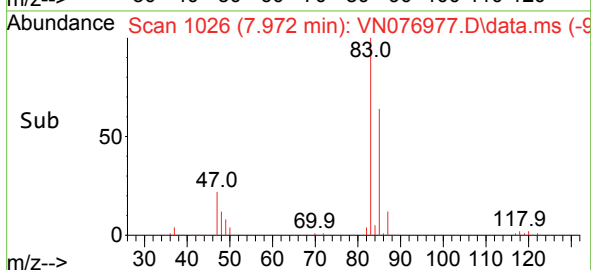
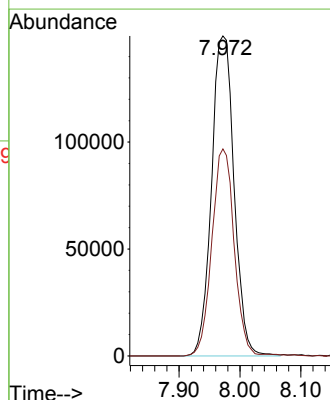
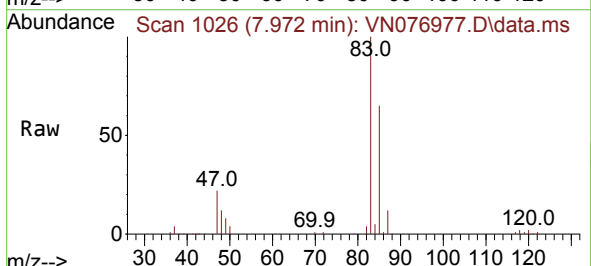
Acq: 14 Mar 2023 12:33

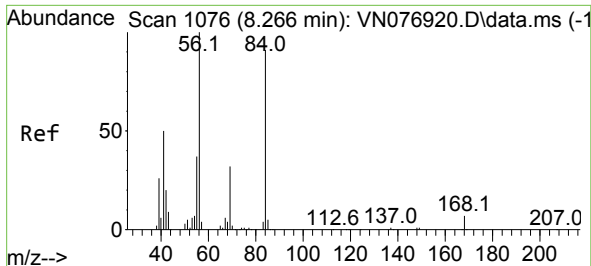
Tgt Ion: 83 Resp: 385202

Ion Ratio Lower Upper

83 100

85 64.7 51.3 76.9

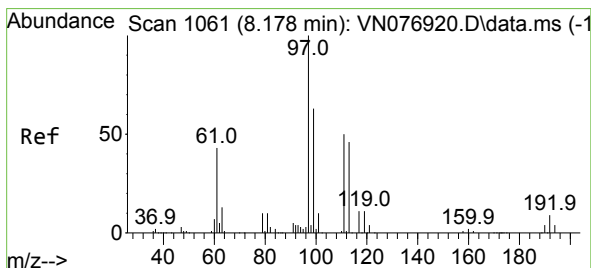
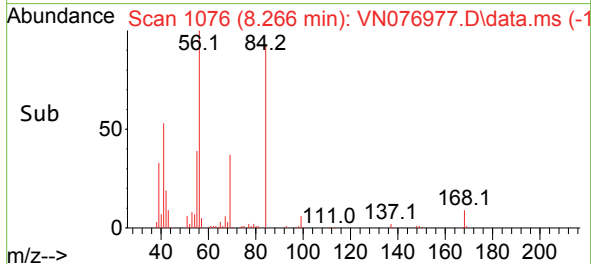
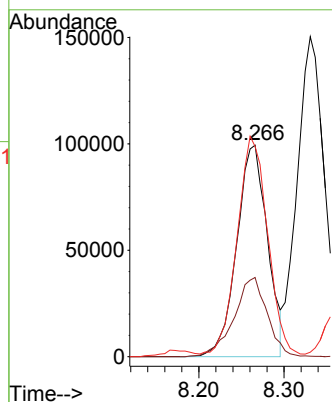
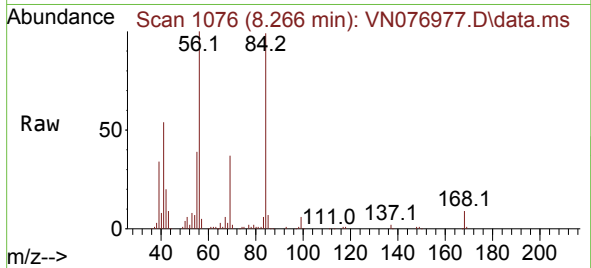




#31  
Cyclohexane  
Concen: 39.334 ug/l  
RT: 8.266 min Scan# 1076  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

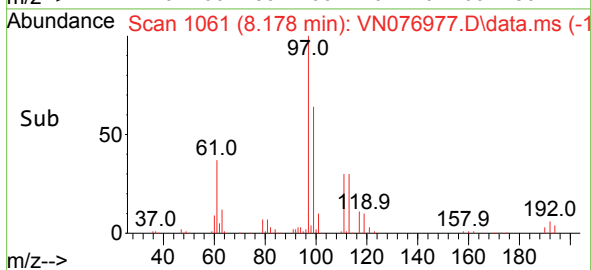
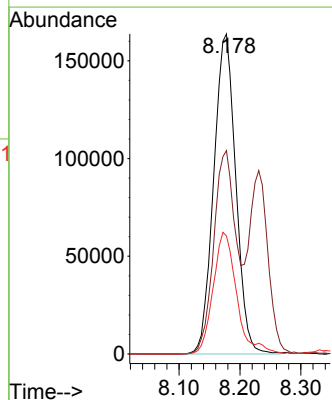
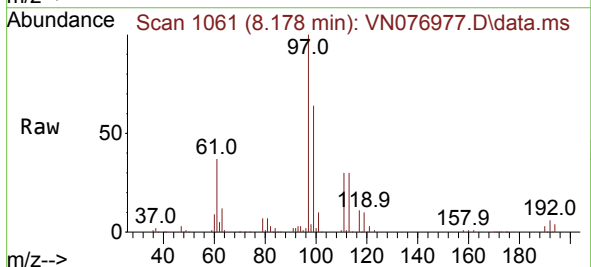
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

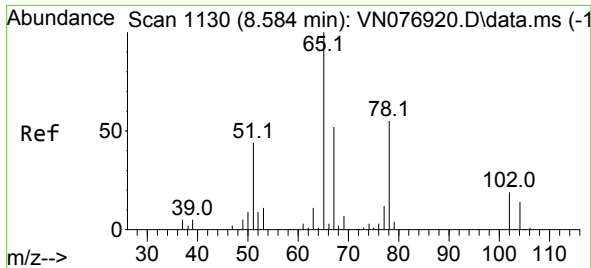
Tgt Ion: 56 Resp: 248735  
Ion Ratio Lower Upper  
56 100  
69 37.4 27.0 40.6  
84 96.8 82.9 124.3



#32  
1,1,1-Trichloroethane  
Concen: 61.908 ug/l  
RT: 8.178 min Scan# 1061  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 97 Resp: 412769  
Ion Ratio Lower Upper  
97 100  
99 62.4 51.2 76.8  
61 40.6 35.7 53.5

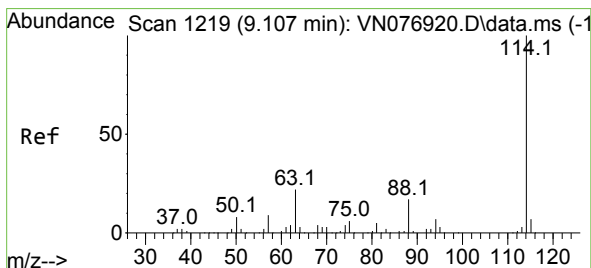
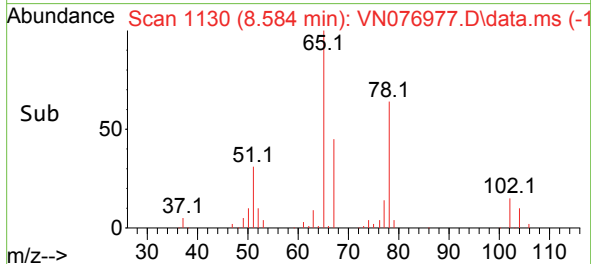
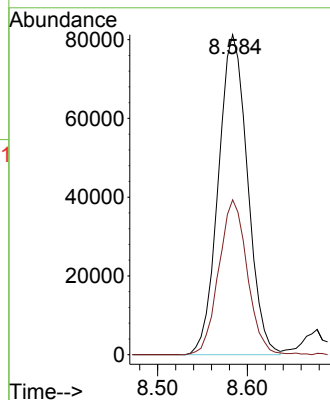
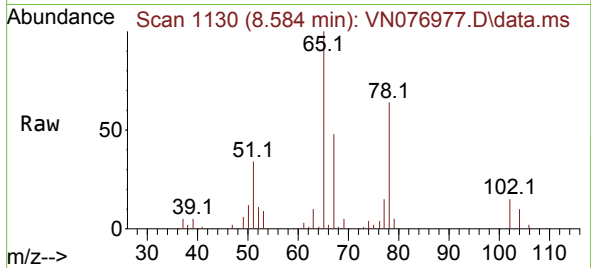




#33  
1,2-Dichloroethane-d4  
Concen: 41.590 ug/l  
RT: 8.584 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

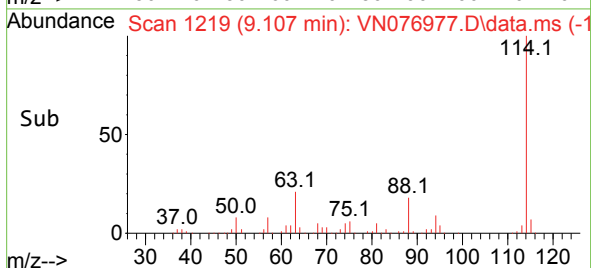
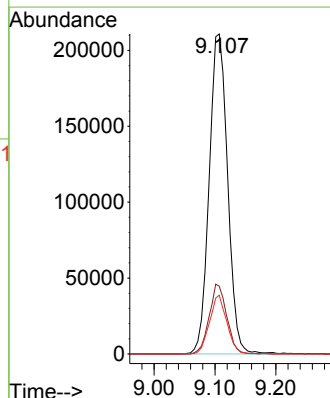
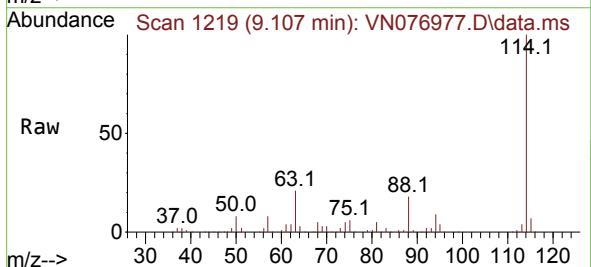
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

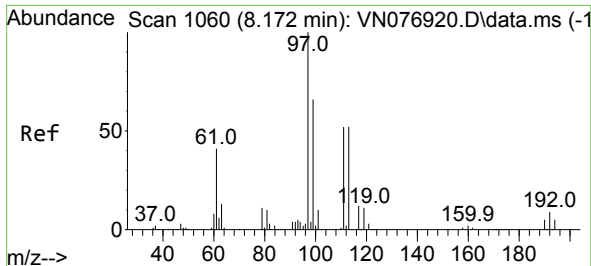
Tgt Ion: 65 Resp: 183311  
Ion Ratio Lower Upper  
65 100  
67 47.4 0.0 107.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.107 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion:114 Resp: 443934  
Ion Ratio Lower Upper  
114 100  
63 21.2 0.0 36.6  
88 18.3 0.0 28.6

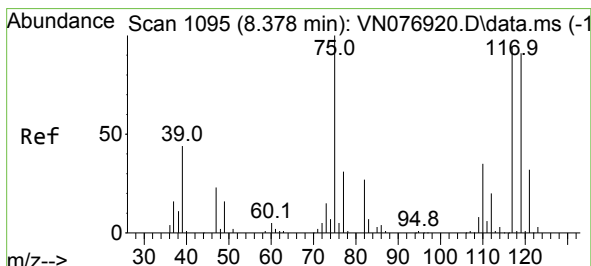
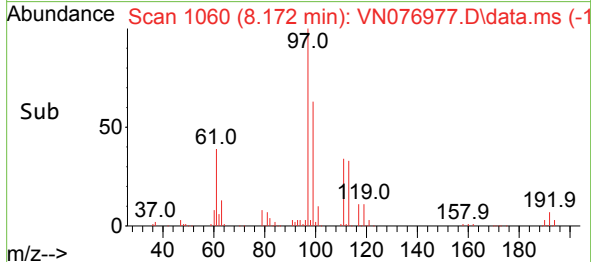
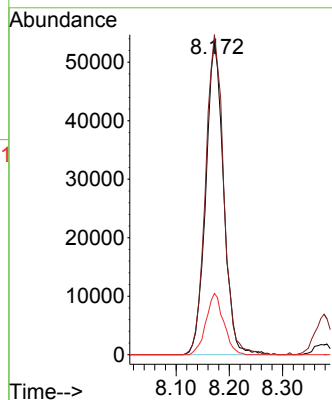
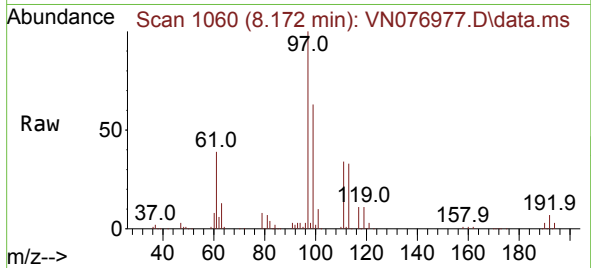




#35  
Dibromofluoromethane  
Concen: 42.004 ug/l  
RT: 8.172 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

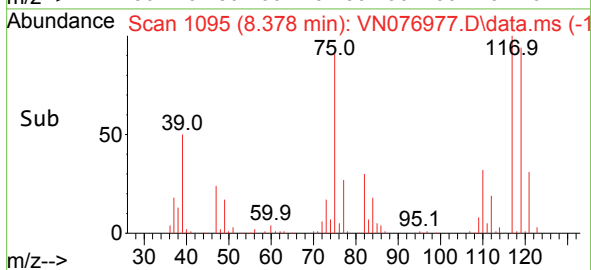
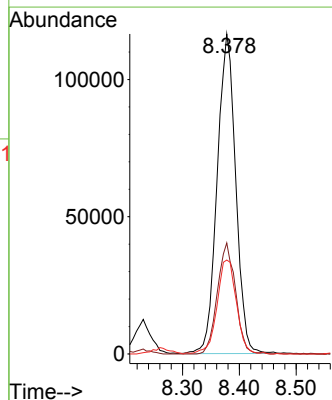
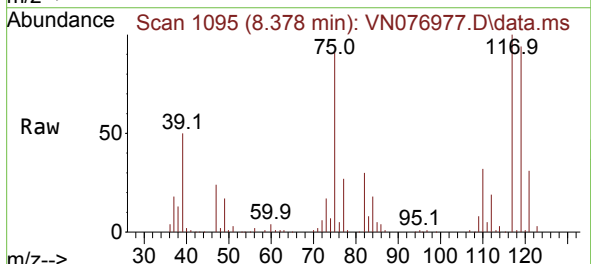
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

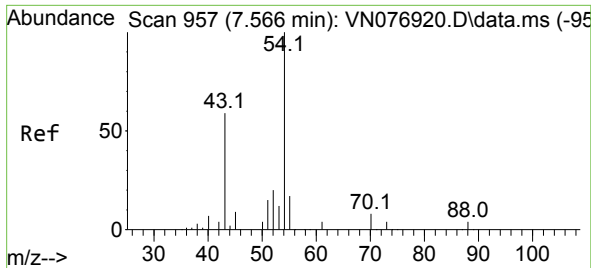
Tgt Ion:113 Resp: 124277  
Ion Ratio Lower Upper  
113 100  
111 104.6 81.8 122.8  
192 19.4 13.9 20.9



#36  
1,1-Dichloropropene  
Concen: 57.774 ug/l  
RT: 8.378 min Scan# 1095  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 75 Resp: 264369  
Ion Ratio Lower Upper  
75 100  
110 34.0 18.9 56.9  
77 30.8 24.9 37.3

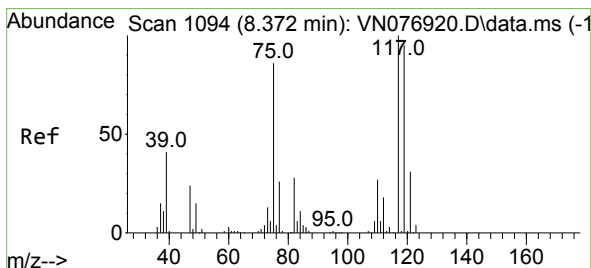
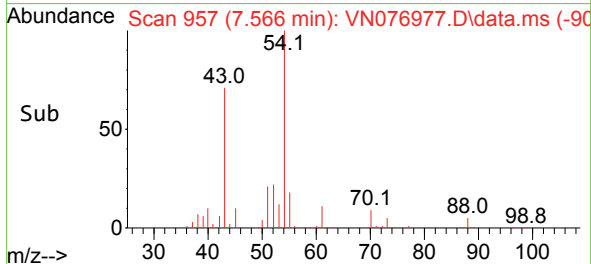
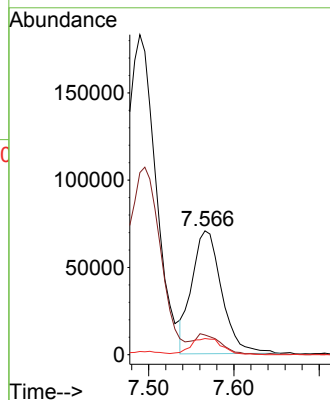
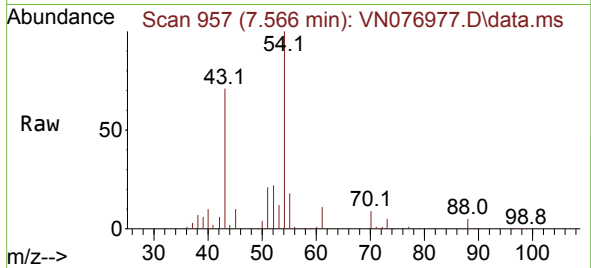




#37  
Ethyl Acetate  
Concen: 46.758 ug/l  
RT: 7.566 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

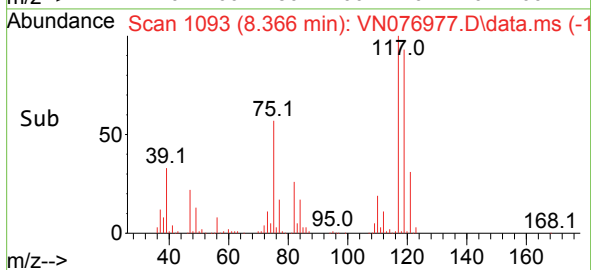
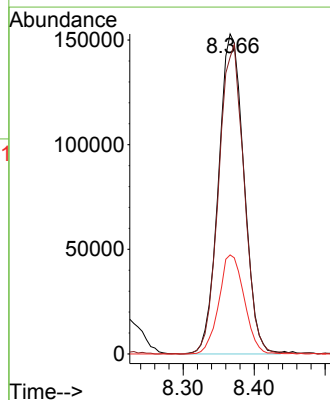
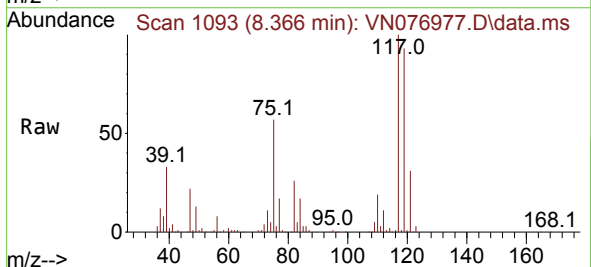
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

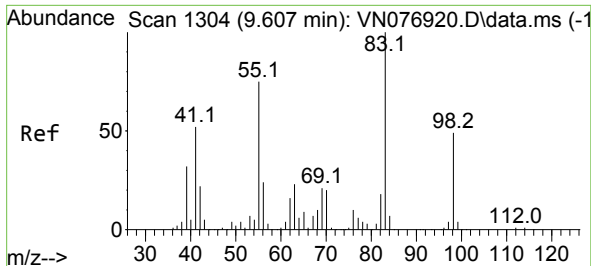
Tgt Ion: 43 Resp: 171106  
Ion Ratio Lower Upper  
43 100  
61 13.9 13.5 20.3  
70 14.0 11.0 16.6



#38  
Carbon Tetrachloride  
Concen: 71.067 ug/l  
RT: 8.366 min Scan# 1093  
Delta R.T. -0.006 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 117 Resp: 380603  
Ion Ratio Lower Upper  
117 100  
119 92.8 76.9 115.3  
121 30.9 23.2 34.8





#39

Methylcyclohexane

Concen: 56.183 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

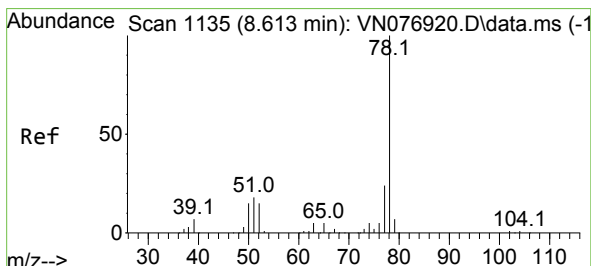
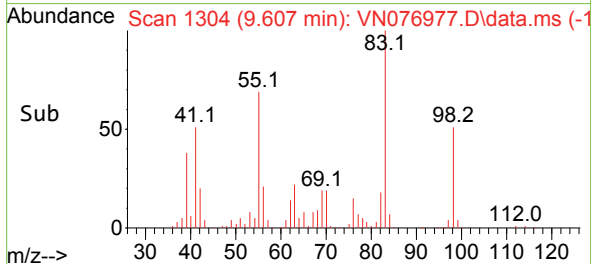
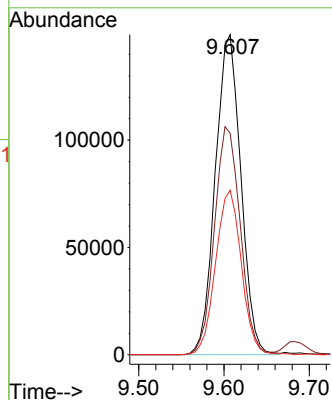
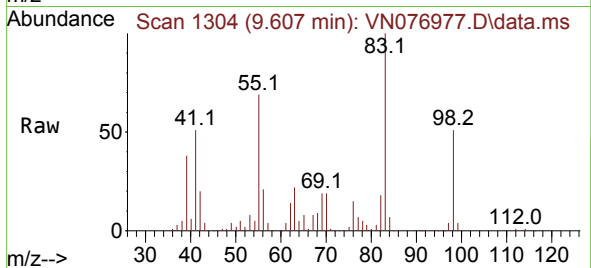
Tgt Ion: 83 Resp: 312081

Ion Ratio Lower Upper

83 100

55 69.2 47.0 70.4

98 51.4 39.4 59.0



#40

Benzene

Concen: 51.869 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN076977.D

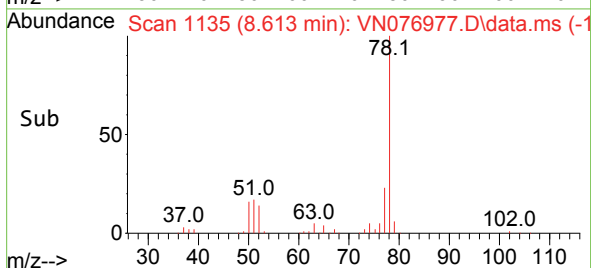
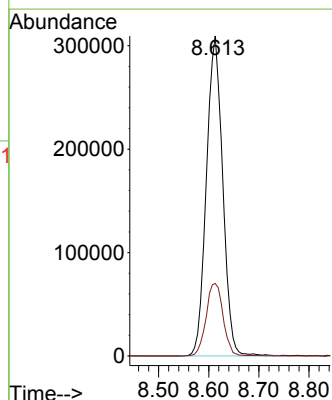
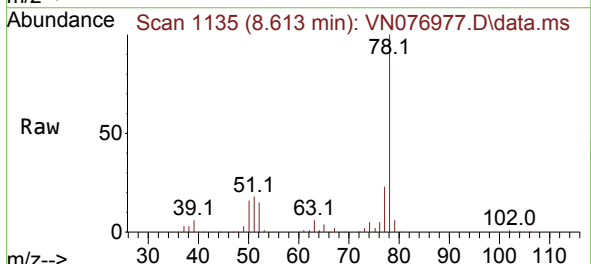
Acq: 14 Mar 2023 12:33

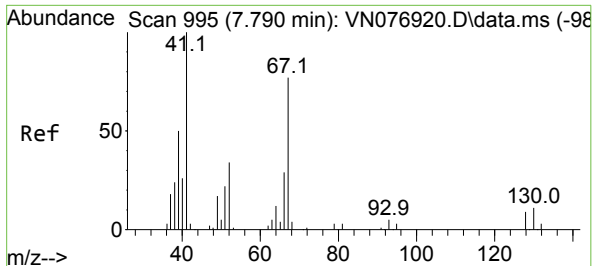
Tgt Ion: 78 Resp: 699613

Ion Ratio Lower Upper

78 100

77 22.6 19.3 28.9

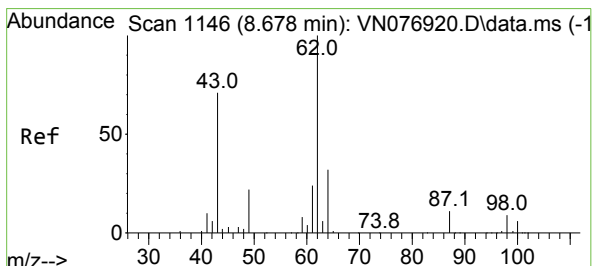
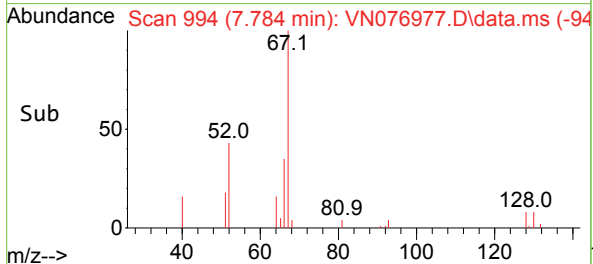
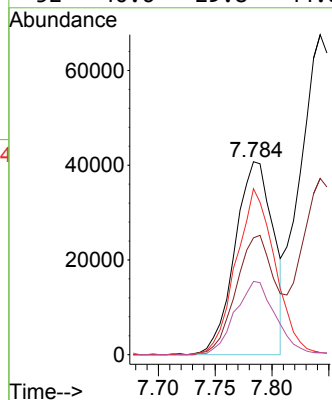
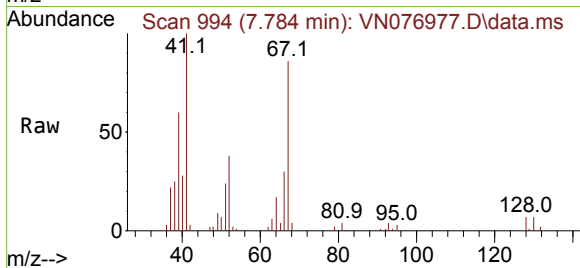




#41  
Methacrylonitrile  
Concen: 43.937 ug/l  
RT: 7.784 min Scan# 994  
Delta R.T. -0.006 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

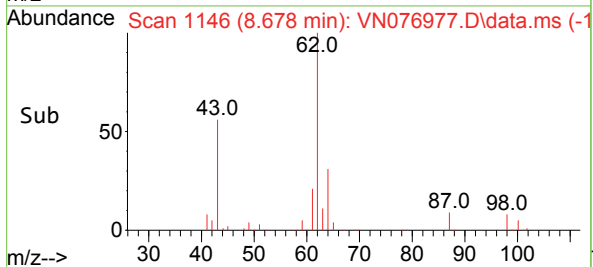
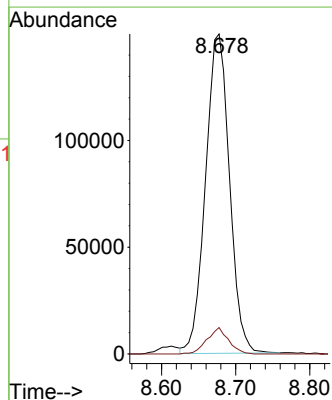
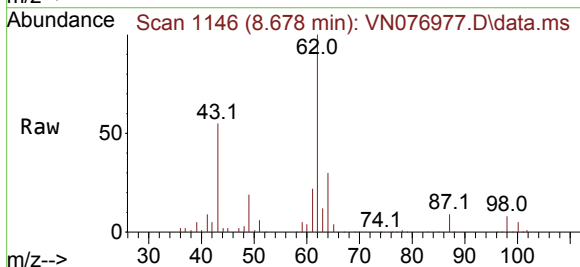
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

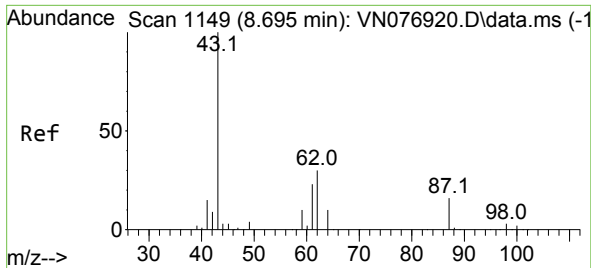
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 95675 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 65.5  | 43.4  | 65.0# |
| 67       | 87.6  | 78.6  | 118.0 |
| 52       | 40.6  | 29.8  | 44.8  |



#42  
1,2-Dichloroethane  
Concen: 63.904 ug/l  
RT: 8.678 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 336207 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 7.4   | 0.0   | 21.8   |

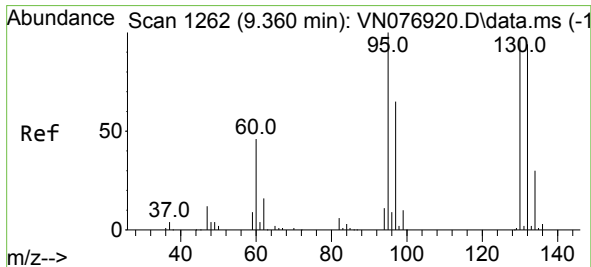
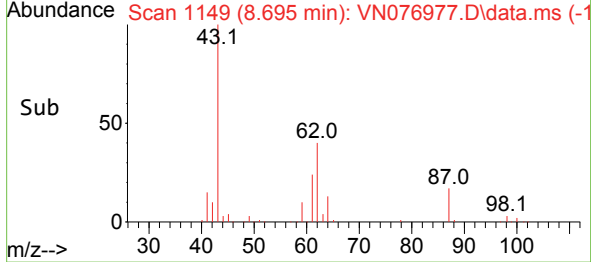
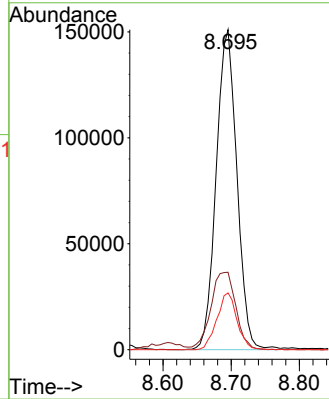
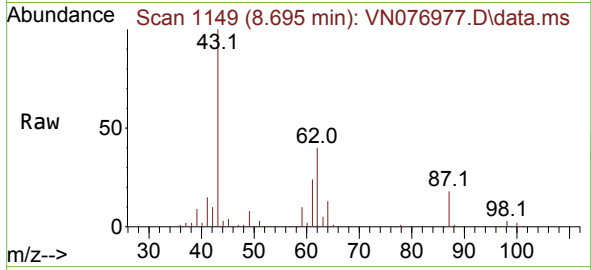




#43  
Isopropyl Acetate  
Concen: 49.503 ug/l  
RT: 8.695 min Scan# 1149  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

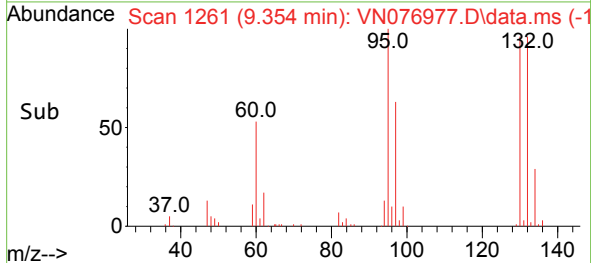
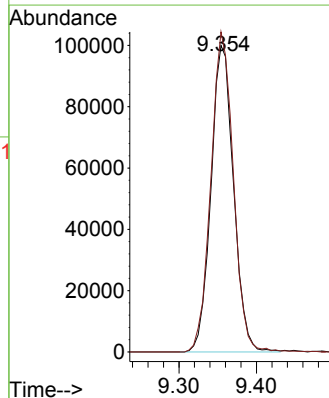
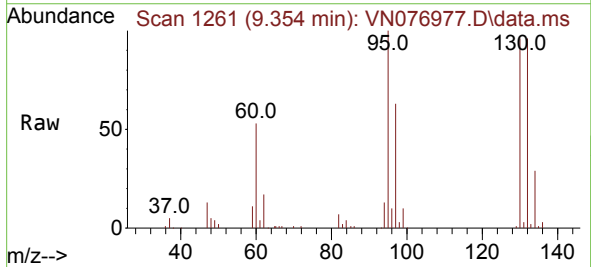
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

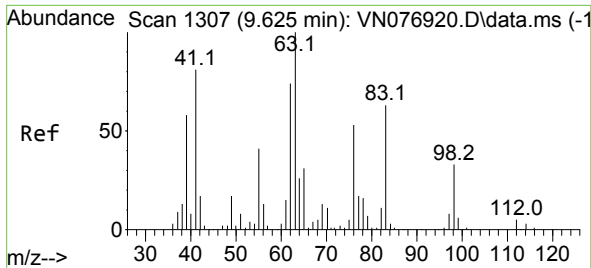
Tgt Ion: 43 Resp: 319782  
Ion Ratio Lower Upper  
43 100  
61 29.3 26.2 39.2  
87 17.2 14.8 22.2



#44  
Trichloroethene  
Concen: 57.894 ug/l  
RT: 9.354 min Scan# 1261  
Delta R.T. -0.006 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion:130 Resp: 201809  
Ion Ratio Lower Upper  
130 100  
95 104.4 0.0 208.6

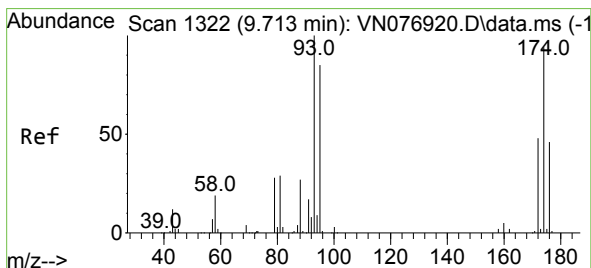
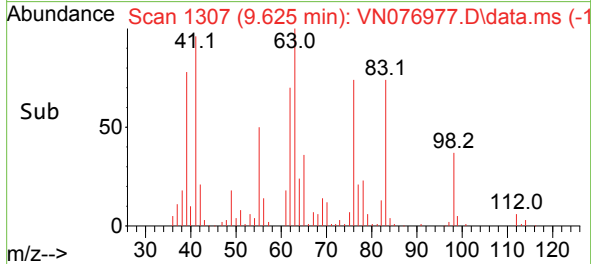
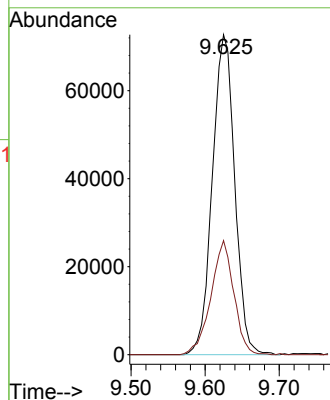
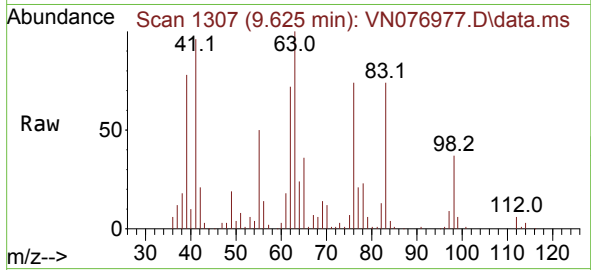




#45  
1,2-Dichloropropane  
Concen: 45.956 ug/l  
RT: 9.625 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

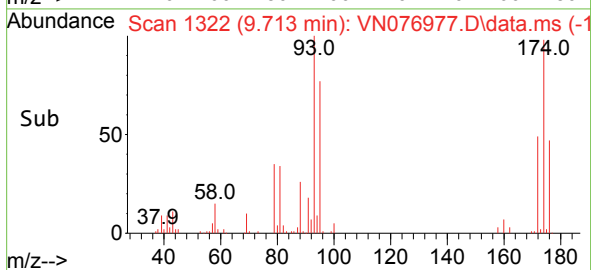
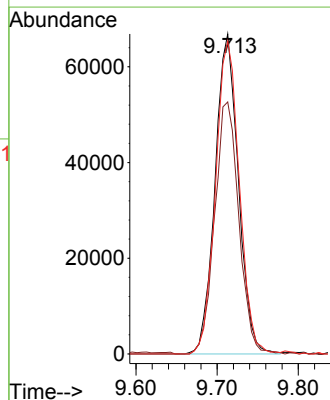
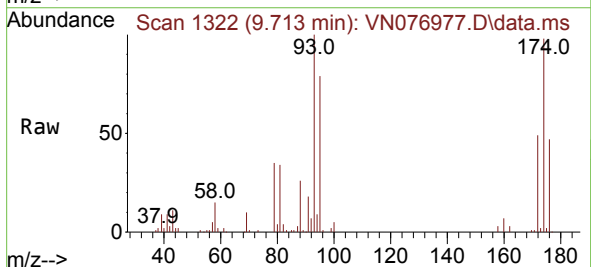
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

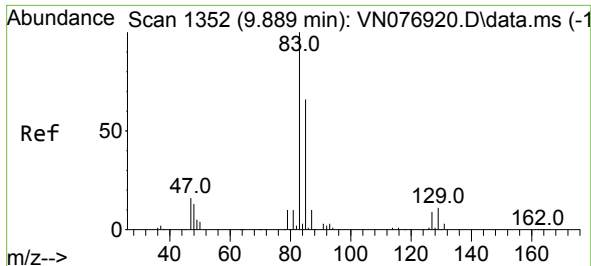
Tgt Ion: 63 Resp: 152511  
Ion Ratio Lower Upper  
63 100  
65 35.7 25.0 37.6



#46  
Dibromomethane  
Concen: 57.582 ug/l  
RT: 9.713 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 93 Resp: 133459  
Ion Ratio Lower Upper  
93 100  
95 81.8 65.7 98.5  
174 99.8 69.3 103.9

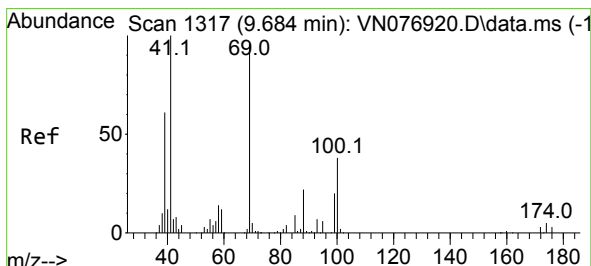
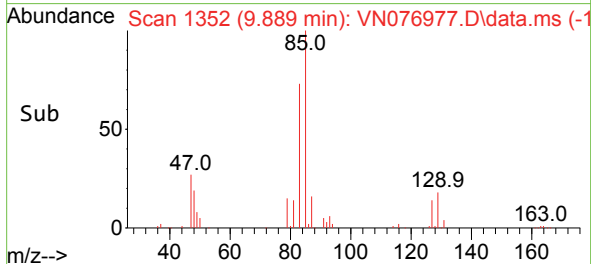
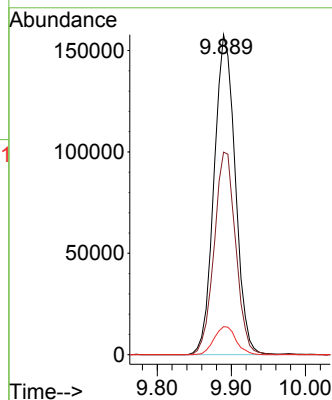
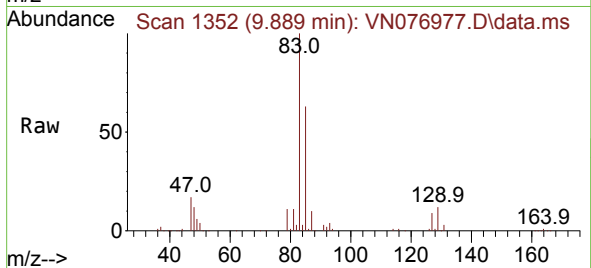




#47  
Bromodichloromethane  
Concen: 63.727 ug/l  
RT: 9.889 min Scan# 1352  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

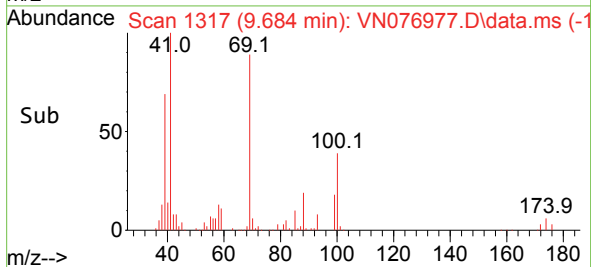
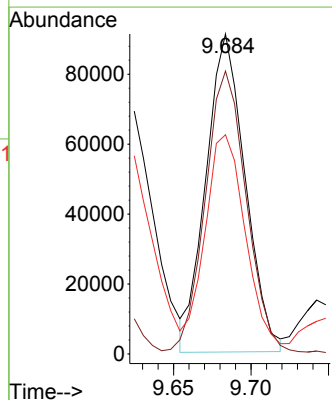
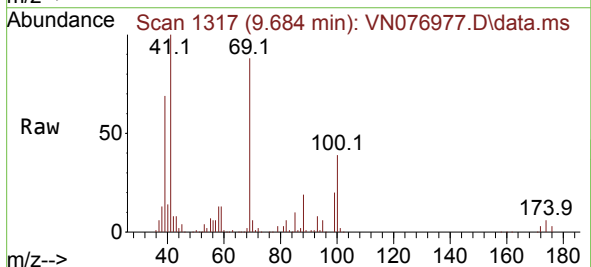
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

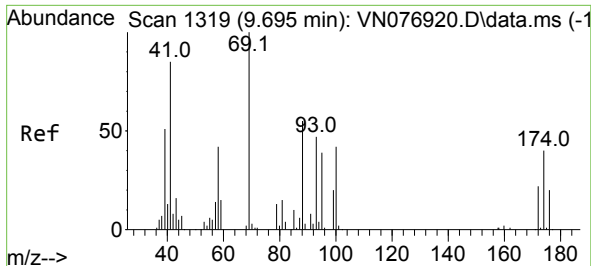
Tgt Ion: 83 Resp: 313342  
Ion Ratio Lower Upper  
83 100  
85 63.3 52.6 78.8  
127 8.7 7.0 10.6



#48  
Methyl methacrylate  
Concen: 50.559 ug/l  
RT: 9.684 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 41 Resp: 160026  
Ion Ratio Lower Upper  
41 100  
69 94.6 92.6 139.0  
39 72.2 51.4 77.0





#49

1,4-Dioxane

Concen: 1087.462 ug/l

RT: 9.695 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

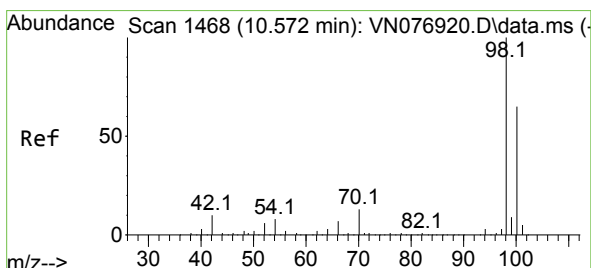
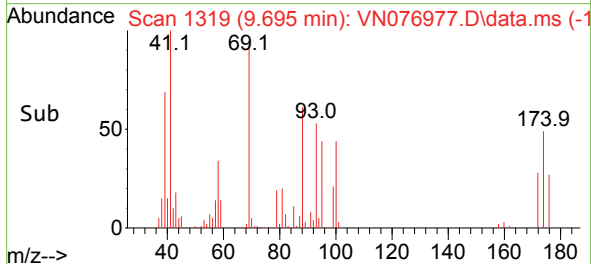
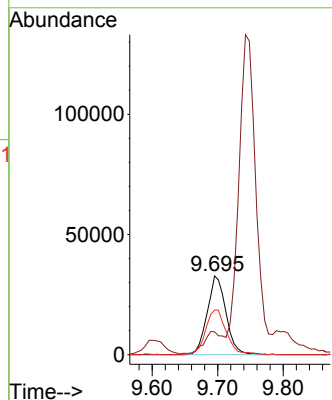
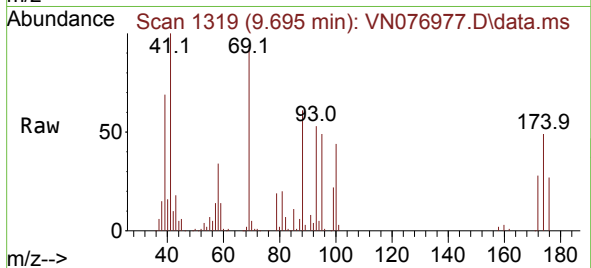
Tgt Ion: 88 Resp: 65174

Ion Ratio Lower Upper

88 100

43 25.6 15.3 22.9#

58 62.8 47.6 71.4



#50

Toluene-d8

Concen: 40.465 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076977.D

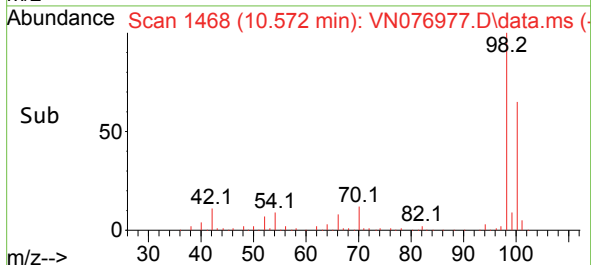
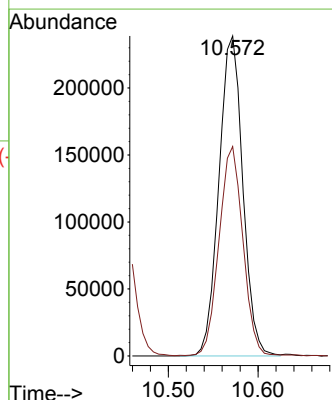
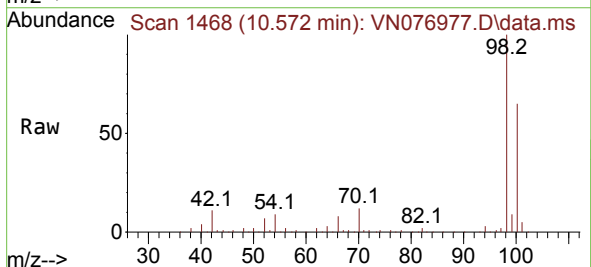
Acq: 14 Mar 2023 12:33

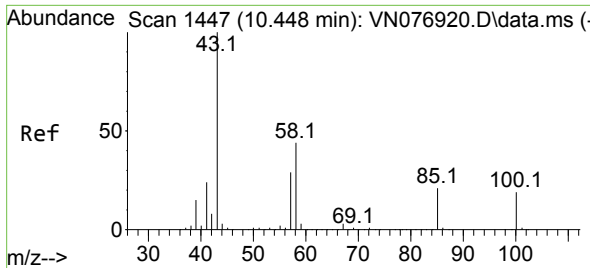
Tgt Ion: 98 Resp: 441237

Ion Ratio Lower Upper

98 100

100 65.9 52.8 79.2

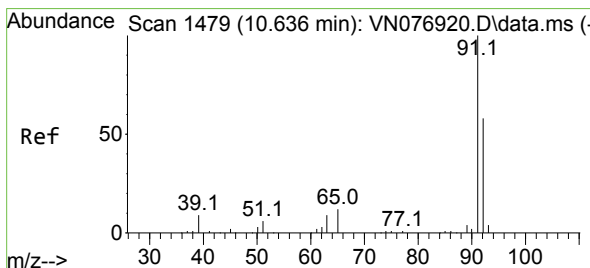
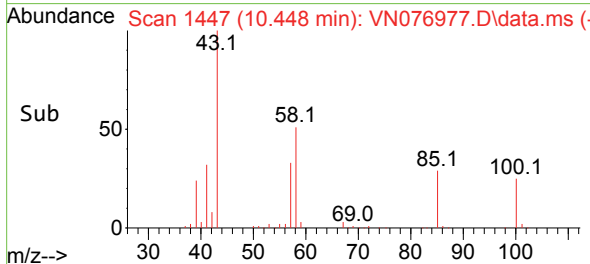
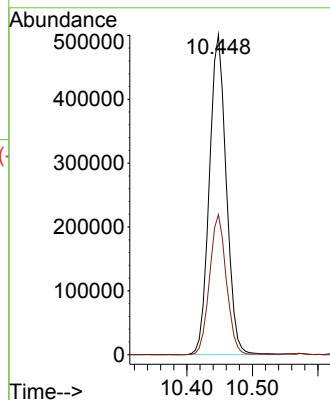
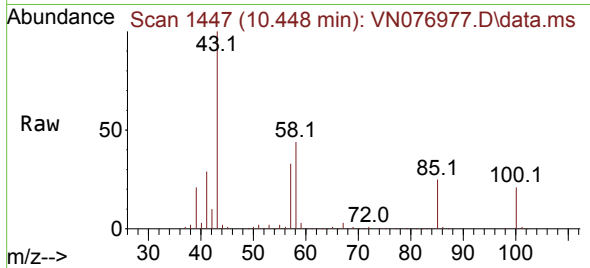




#51  
4-Methyl-2-Pentanone  
Concen: 231.762 ug/l  
RT: 10.448 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

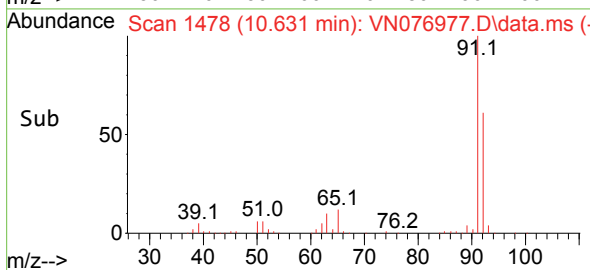
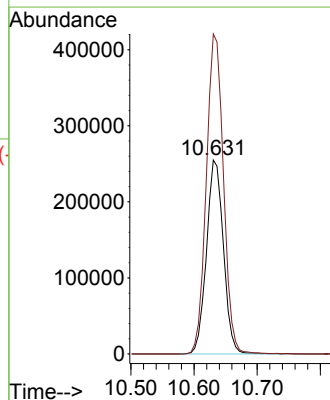
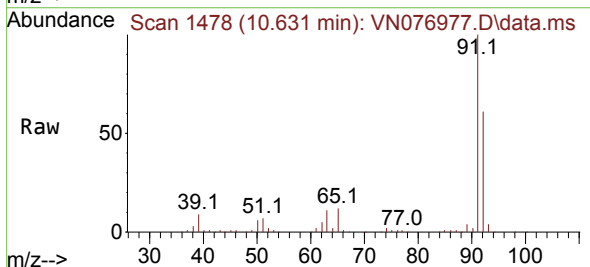
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

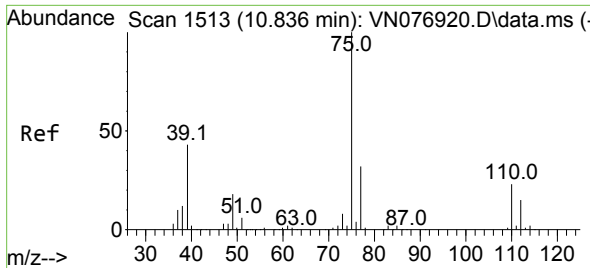
Tgt Ion: 43 Resp: 899362  
Ion Ratio Lower Upper  
43 100  
58 43.5 37.4 56.0



#52  
Toluene  
Concen: 57.213 ug/l  
RT: 10.631 min Scan# 1478  
Delta R.T. -0.005 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 92 Resp: 474944  
Ion Ratio Lower Upper  
92 100  
91 167.2 138.2 207.2

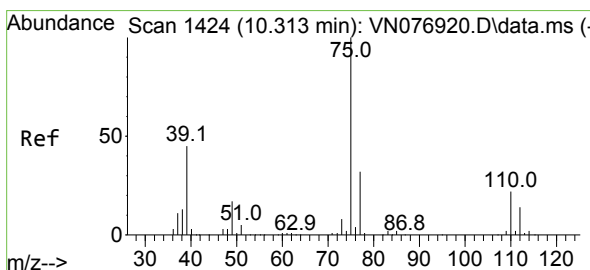
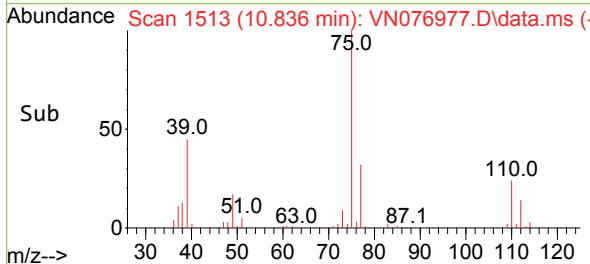
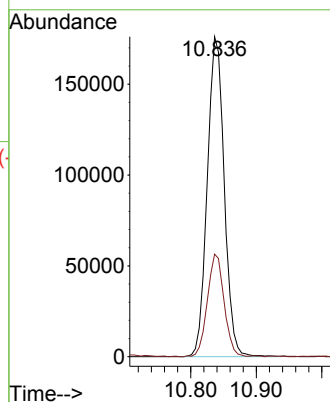
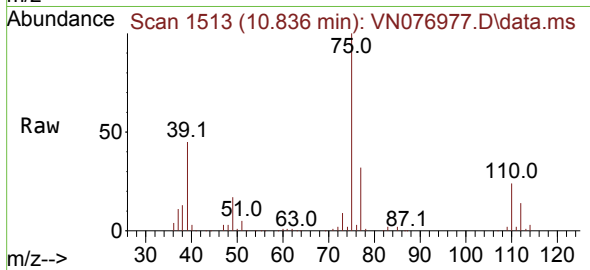




#53  
 t-1,3-Dichloropropene  
 Concen: 64.642 ug/l  
 RT: 10.836 min Scan# 1513  
 Delta R.T. 0.000 min  
 Lab File: VN076977.D  
 Acq: 14 Mar 2023 12:33

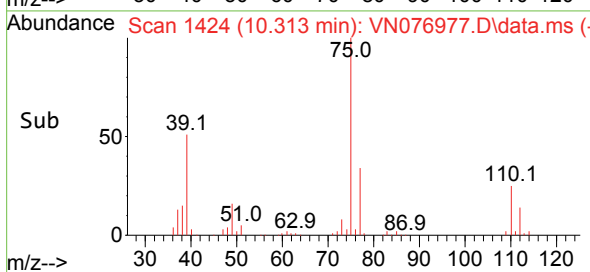
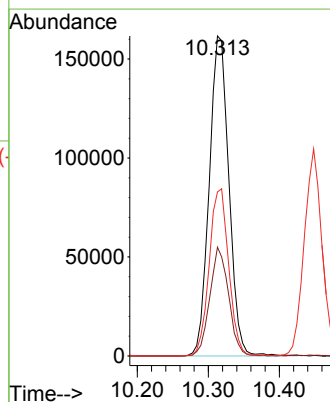
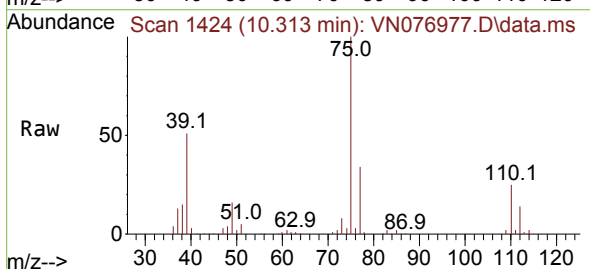
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

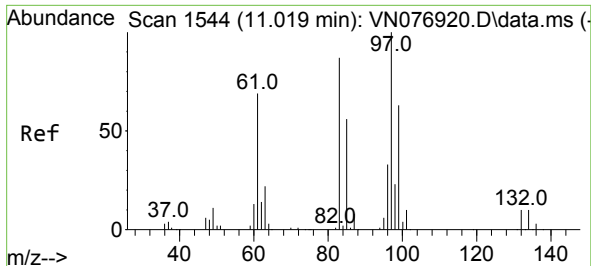
Tgt Ion: 75 Resp: 316879  
 Ion Ratio Lower Upper  
 75 100  
 77 32.0 25.0 37.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 57.679 ug/l  
 RT: 10.313 min Scan# 1424  
 Delta R.T. -0.000 min  
 Lab File: VN076977.D  
 Acq: 14 Mar 2023 12:33

Tgt Ion: 75 Resp: 310512  
 Ion Ratio Lower Upper  
 75 100  
 77 34.0 25.7 38.5  
 39 51.3 29.7 44.5#

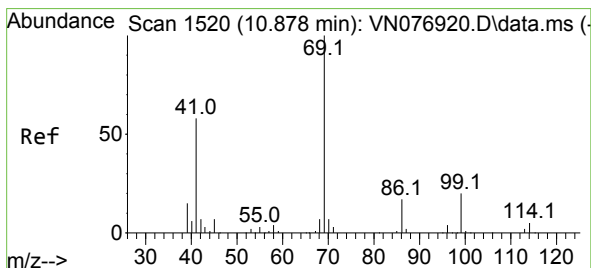
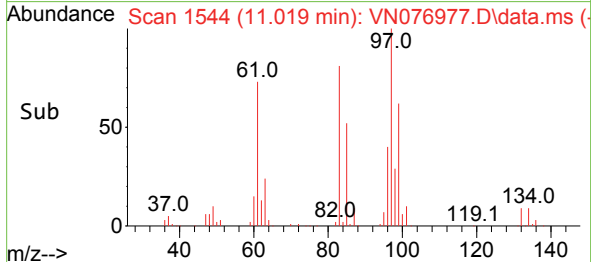
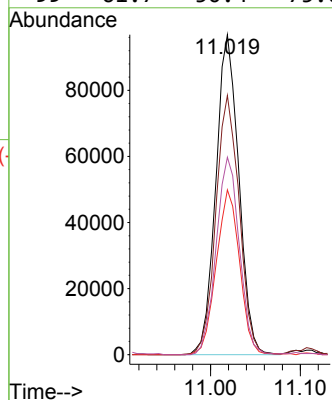
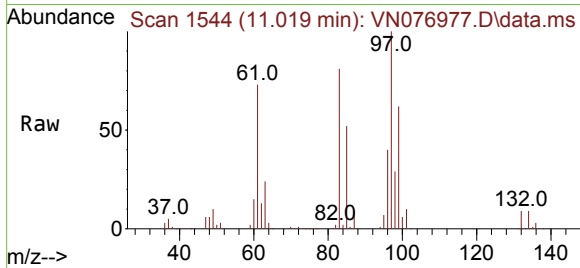




#55  
1,1,2-Trichloroethane  
Concen: 53.300 ug/l  
RT: 11.019 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

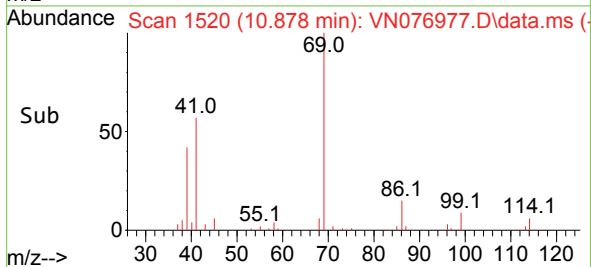
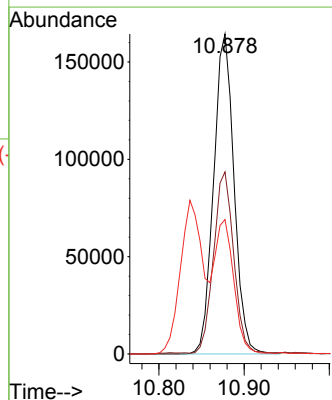
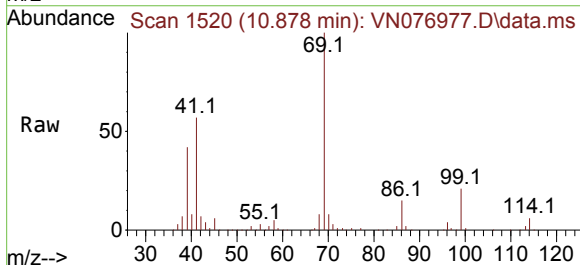
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

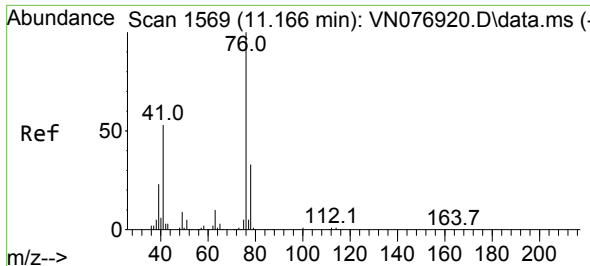
Tgt Ion: 97 Resp: 172153  
Ion Ratio Lower Upper  
97 100  
83 81.0 67.1 100.7  
85 51.5 41.8 62.8  
99 61.7 50.4 75.6



#56  
Ethyl methacrylate  
Concen: 55.846 ug/l  
RT: 10.878 min Scan# 1520  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 69 Resp: 273589  
Ion Ratio Lower Upper  
69 100  
41 55.9 38.0 57.0  
39 37.9 22.4 33.6#

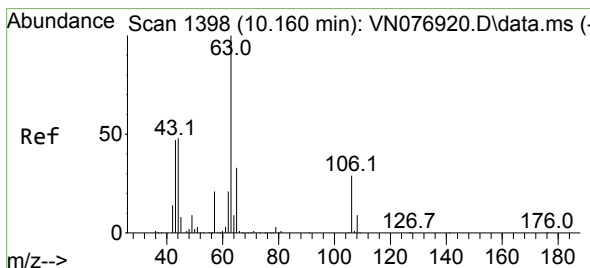
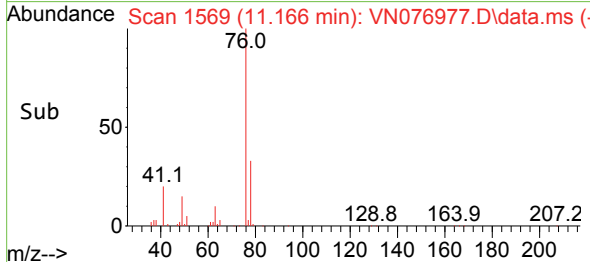
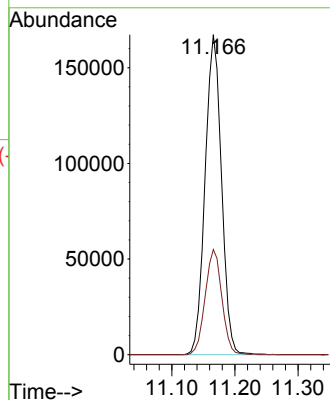
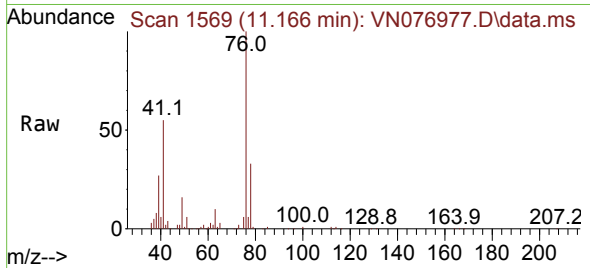




#57  
1,3-Dichloropropane  
Concen: 52.789 ug/l  
RT: 11.166 min Scan# 111  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

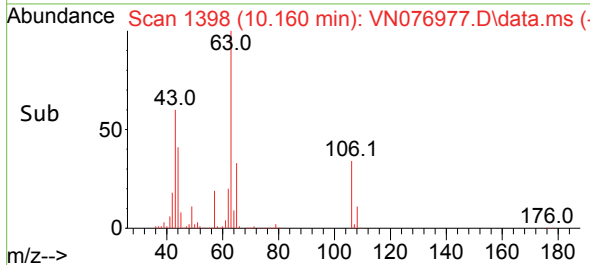
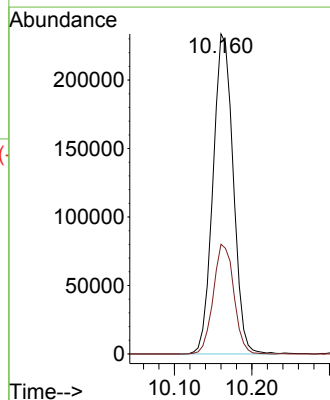
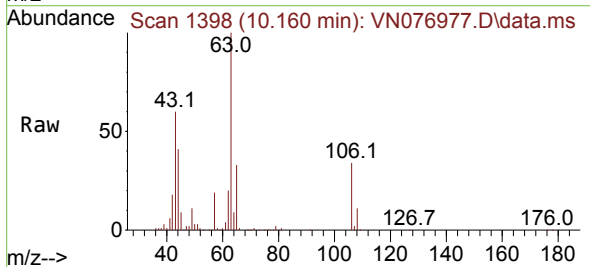
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

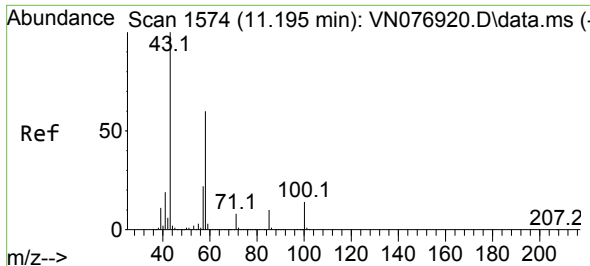
Tgt Ion: 76 Resp: 300654  
Ion Ratio Lower Upper  
76 100  
78 33.4 26.1 39.1



#58  
2-Chloroethyl Vinyl ether  
Concen: 271.278 ug/l  
RT: 10.160 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 63 Resp: 423199  
Ion Ratio Lower Upper  
63 100  
106 34.8 25.6 38.4

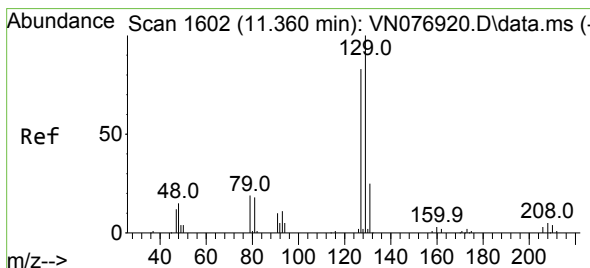
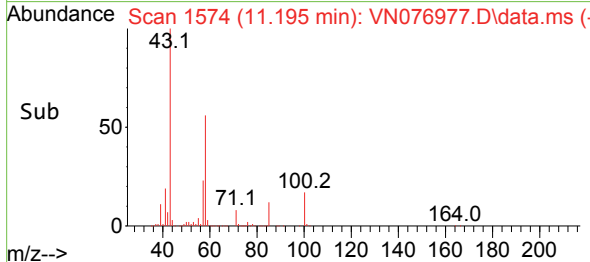
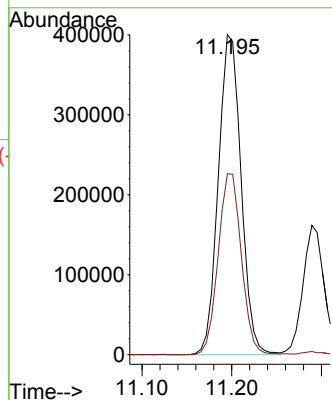
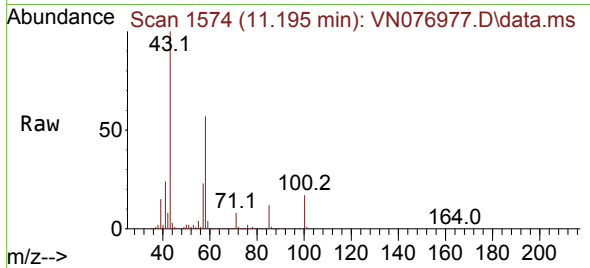




#59  
2-Hexanone  
Concen: 249.609 ug/l  
RT: 11.195 min Scan# 111  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

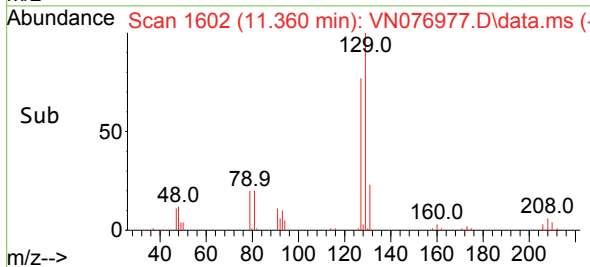
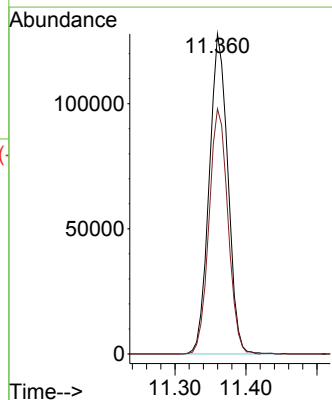
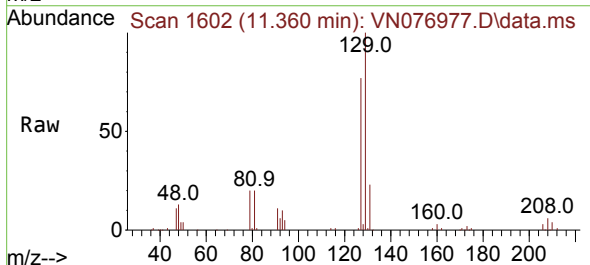
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

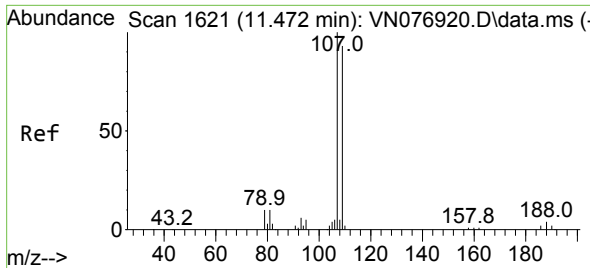
Tgt Ion: 43 Resp: 706253  
Ion Ratio Lower Upper  
43 100  
58 57.6 32.6 98.0



#60  
Dibromochloromethane  
Concen: 65.513 ug/l  
RT: 11.360 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion:129 Resp: 233129  
Ion Ratio Lower Upper  
129 100  
127 77.7 39.6 118.8

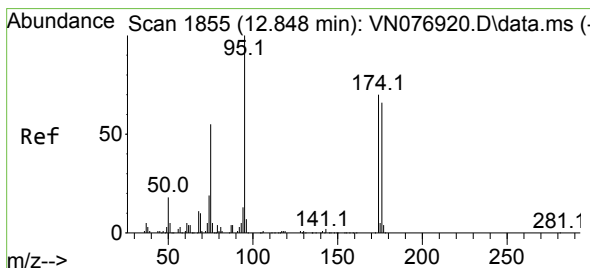
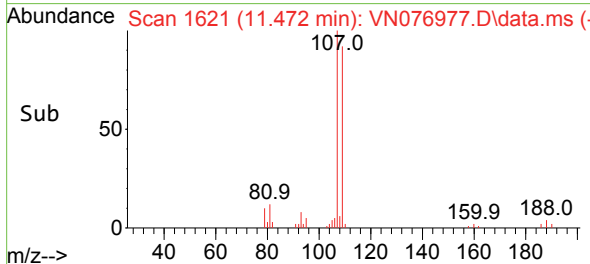
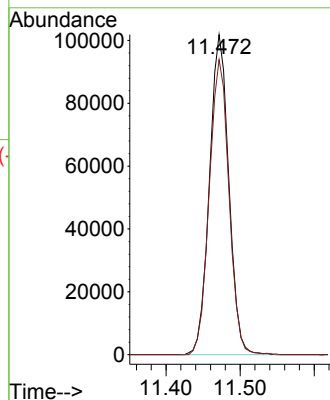
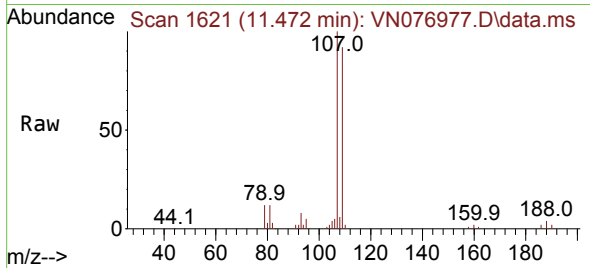




#61  
1,2-Dibromoethane  
Concen: 57.009 ug/l  
RT: 11.472 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

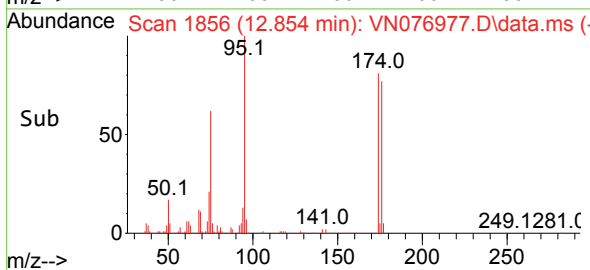
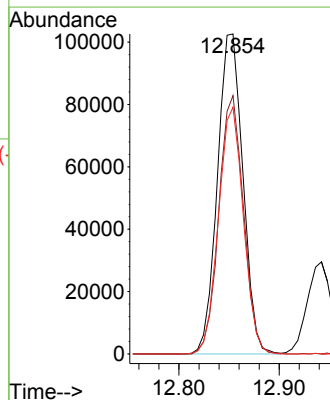
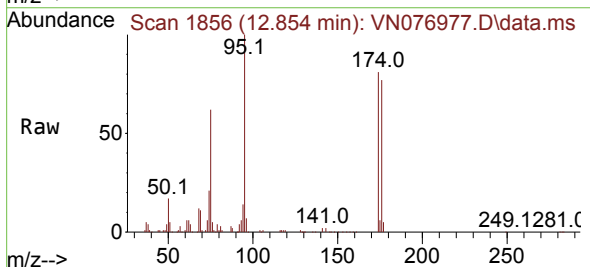
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

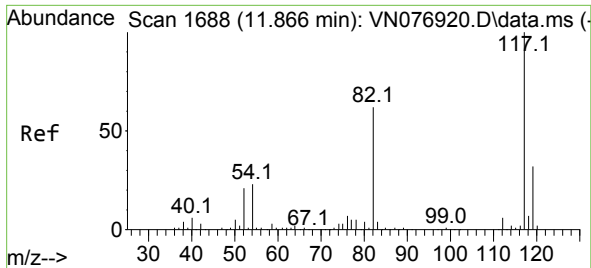
Tgt Ion:107 Resp: 184552  
Ion Ratio Lower Upper  
107 100  
109 93.9 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 45.405 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. 0.006 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 95 Resp: 181094  
Ion Ratio Lower Upper  
95 100  
174 77.9 0.0 162.4  
176 75.4 0.0 157.4

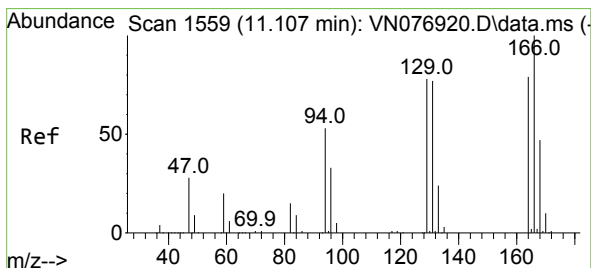
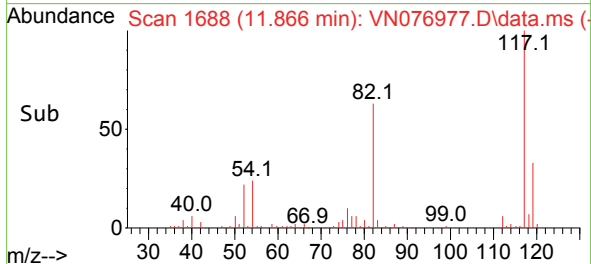
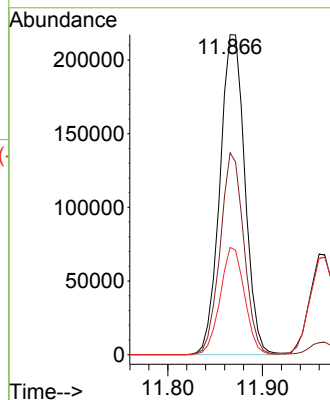
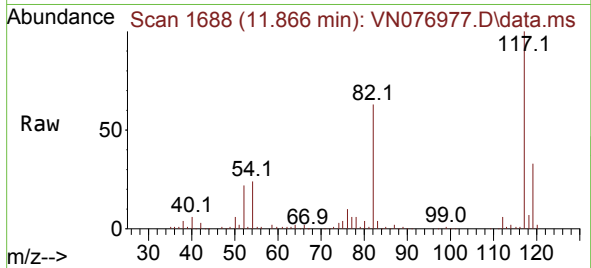




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.866 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

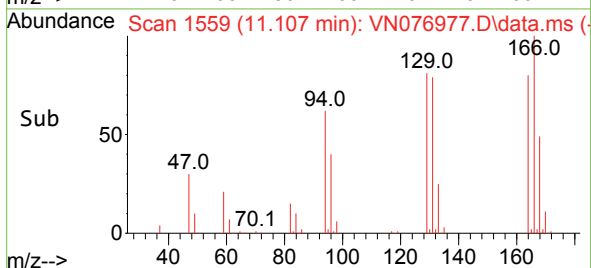
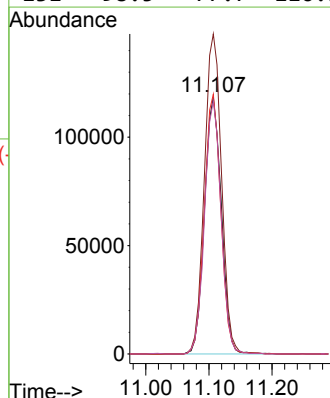
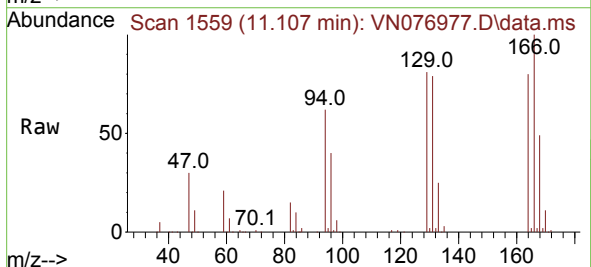
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

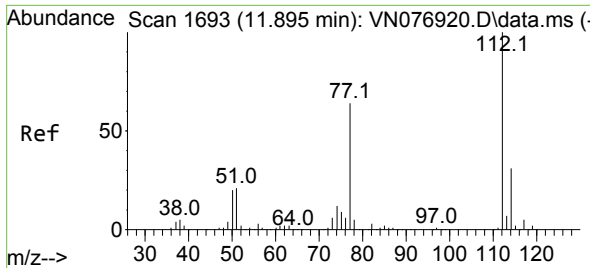
Tgt Ion:117 Resp: 397804  
Ion Ratio Lower Upper  
117 100  
82 63.1 43.5 65.3  
119 33.5 25.5 38.3



#64  
Tetrachloroethene  
Concen: 68.305 ug/l  
RT: 11.107 min Scan# 1559  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion:164 Resp: 219915  
Ion Ratio Lower Upper  
164 100  
166 124.6 102.7 154.1  
129 101.1 81.5 122.3  
131 98.5 77.7 116.5

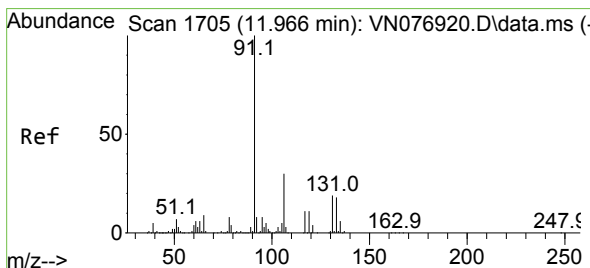
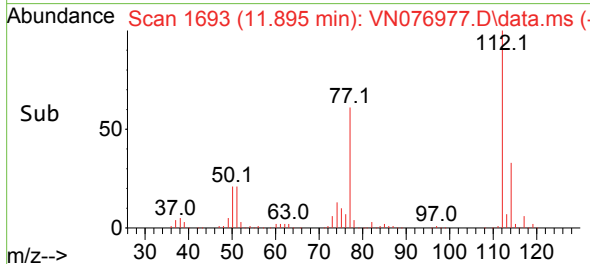
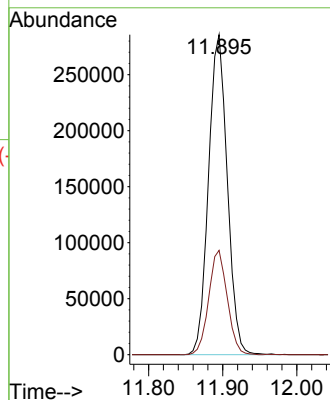
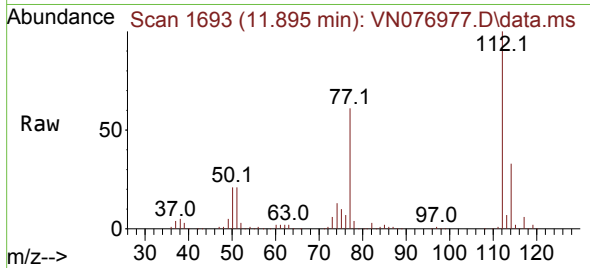




#65  
Chlorobenzene  
Concen: 56.467 ug/l  
RT: 11.895 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

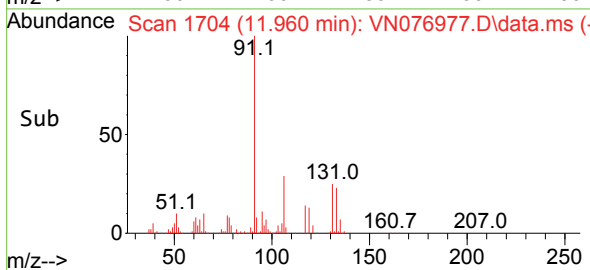
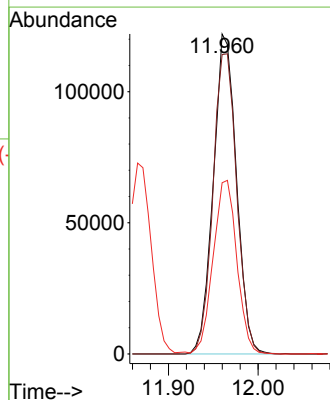
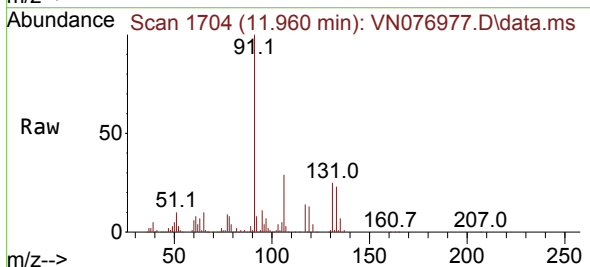
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

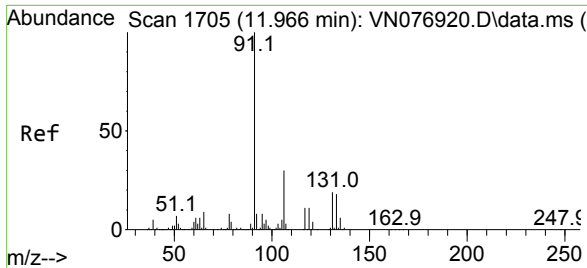
Tgt Ion:112 Resp: 502447  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 62.967 ug/l  
RT: 11.960 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion:131 Resp: 218725  
Ion Ratio Lower Upper  
131 100  
133 96.3 47.9 143.8  
119 55.8 33.1 99.2





#67

Ethyl Benzene

Concen: 59.699 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

Instrument :

MSVOA\_N

ClientSampleId :

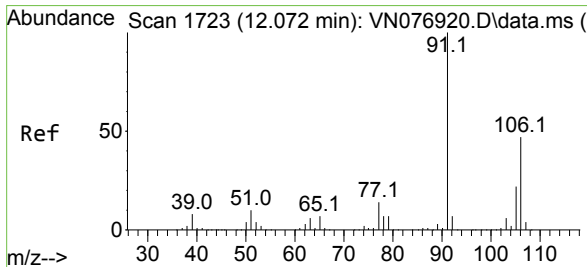
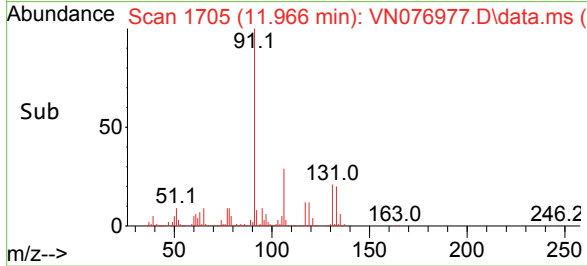
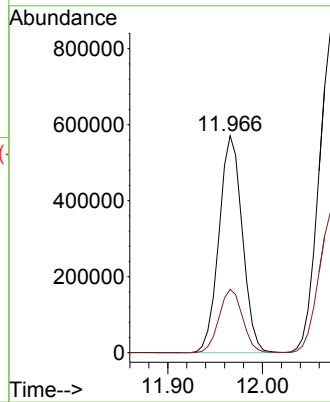
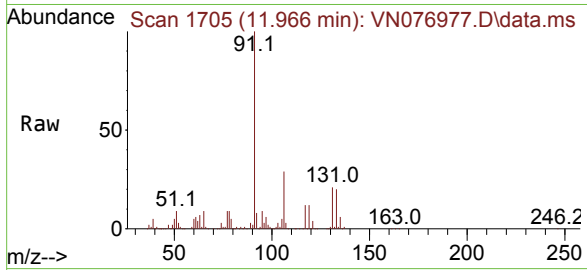
VSTDCCC050

Tgt Ion: 91 Resp: 976797

Ion Ratio Lower Upper

91 100

106 29.2 25.1 37.7



#68

m/p-Xylenes

Concen: 117.606 ug/l

RT: 12.072 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VN076977.D

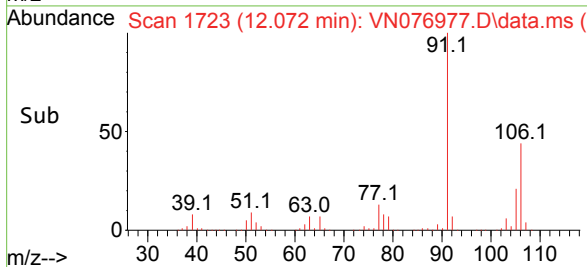
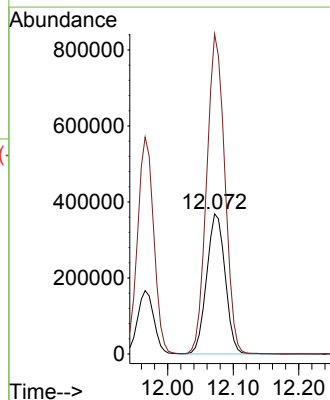
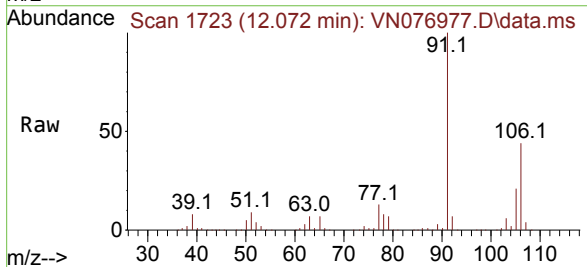
Acq: 14 Mar 2023 12:33

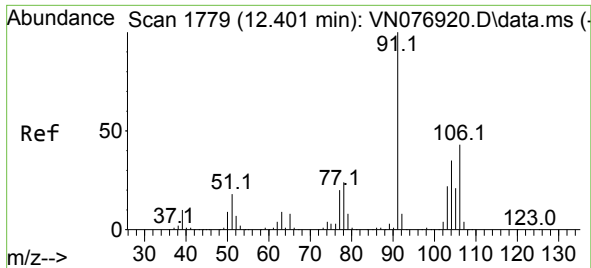
Tgt Ion: 106 Resp: 723251

Ion Ratio Lower Upper

106 100

91 223.9 158.0 237.0

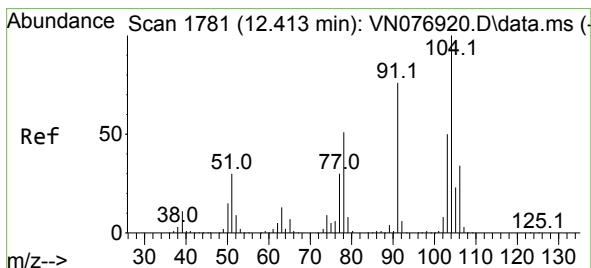
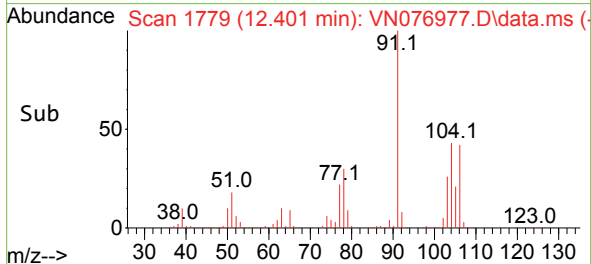
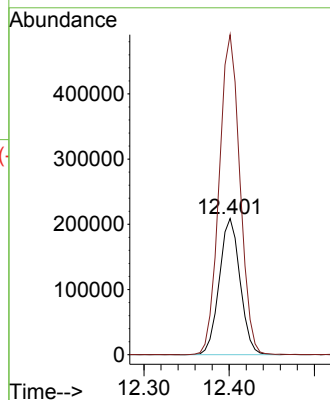
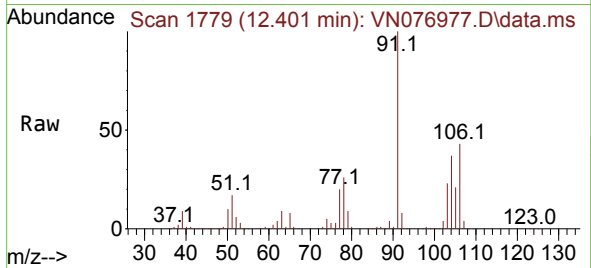




#69  
o-Xylene  
Concen: 59.307 ug/l  
RT: 12.401 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

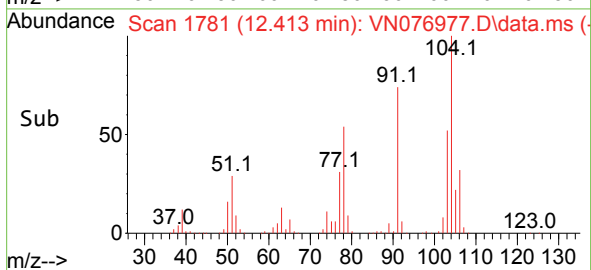
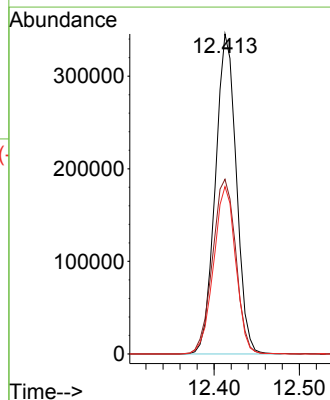
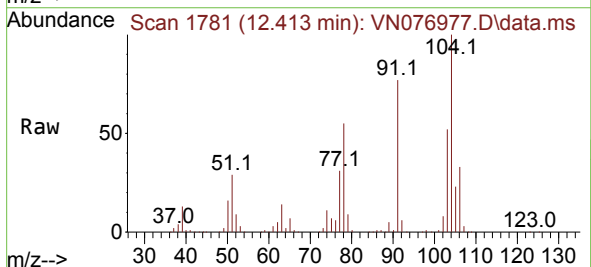
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

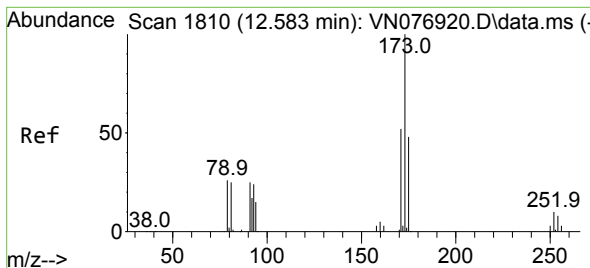
Tgt Ion:106 Resp: 354083  
Ion Ratio Lower Upper  
106 100  
91 235.6 101.8 305.4



#70  
Styrene  
Concen: 61.374 ug/l  
RT: 12.413 min Scan# 1781  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion:104 Resp: 591966  
Ion Ratio Lower Upper  
104 100  
78 60.7 36.6 55.0#  
103 55.2 43.4 65.0





#71

Bromoform

Concen: 68.343 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

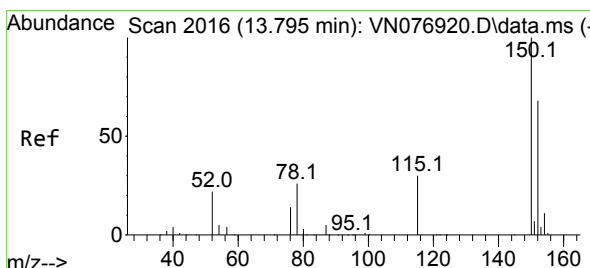
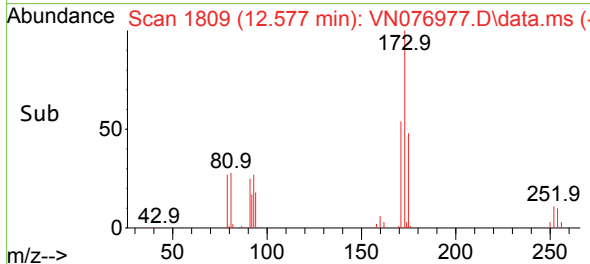
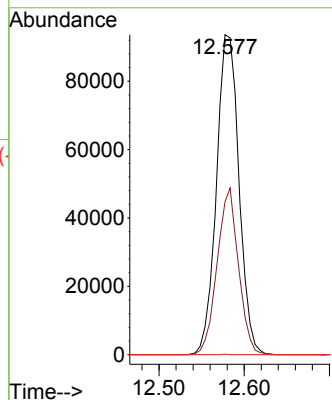
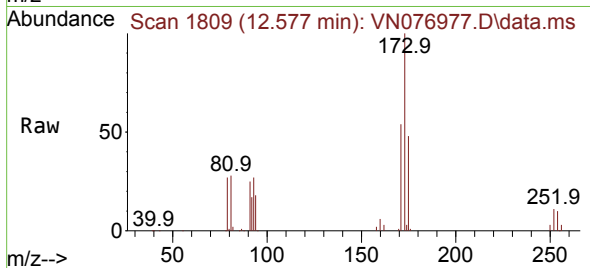
Tgt Ion:173 Resp: 172043

Ion Ratio Lower Upper

173 100

175 49.2 24.9 74.6

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

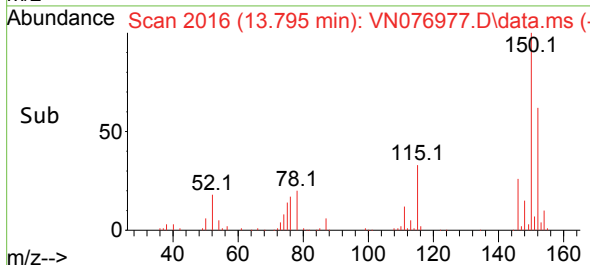
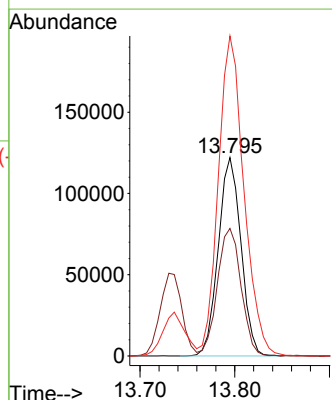
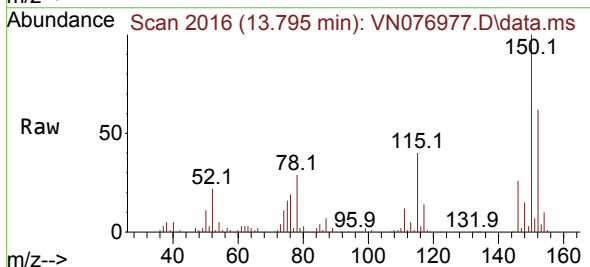
Tgt Ion:152 Resp: 203392

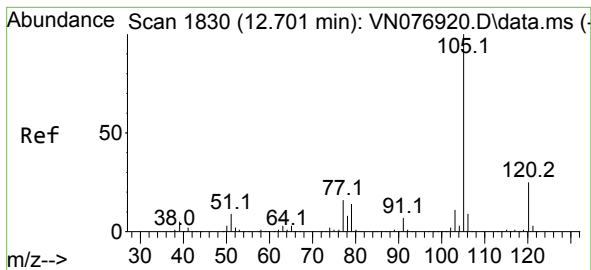
Ion Ratio Lower Upper

152 100

115 67.2 30.3 90.9

150 181.9 0.0 353.6





#73

Isopropylbenzene

Concen: 55.284 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. -0.006 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

Instrument :

MSVOA\_N

ClientSampleId :

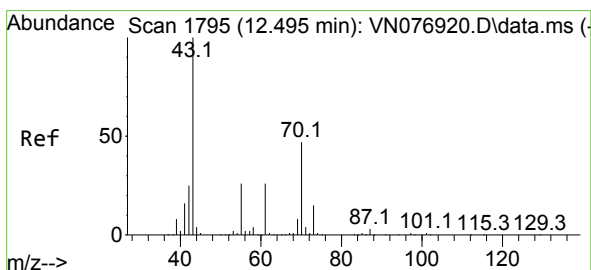
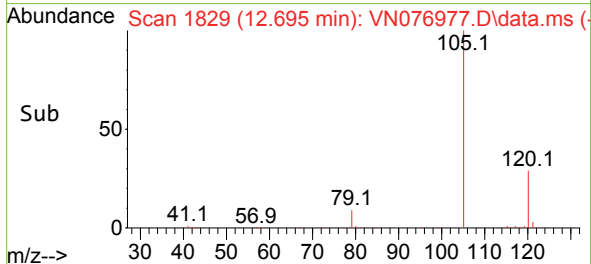
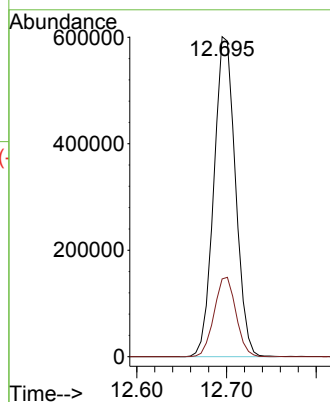
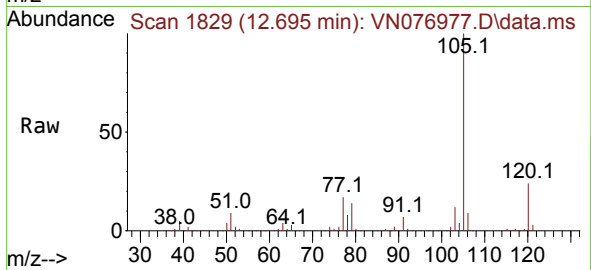
VSTDCCC050

Tgt Ion:105 Resp: 1001940

Ion Ratio Lower Upper

105 100

120 25.2 13.8 41.4



#74

N-ethyl acetate

Concen: 45.208 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

Tgt Ion: 43 Resp: 271274

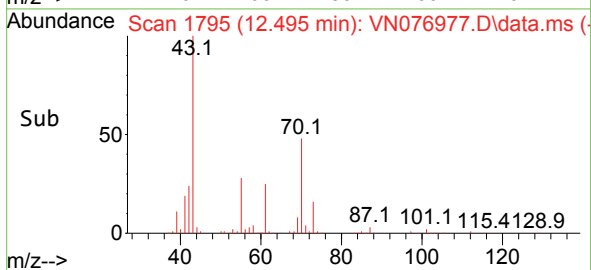
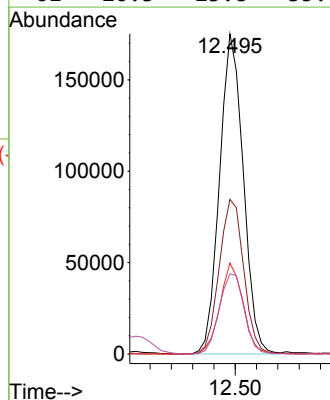
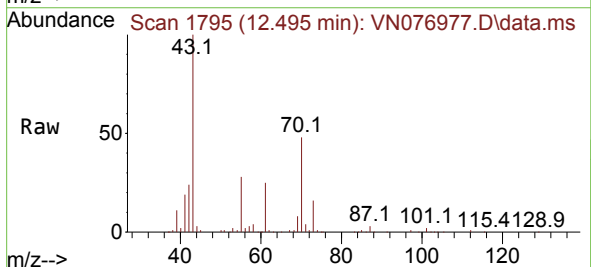
Ion Ratio Lower Upper

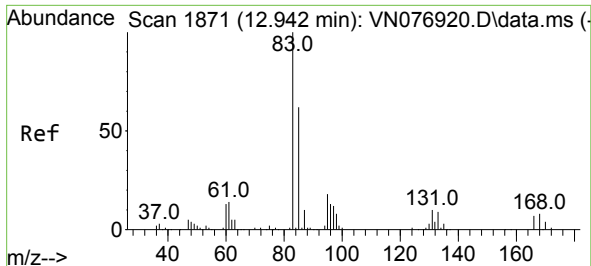
43 100

70 49.9 46.8 70.2

55 27.7 23.4 35.2

61 26.3 23.8 35.8

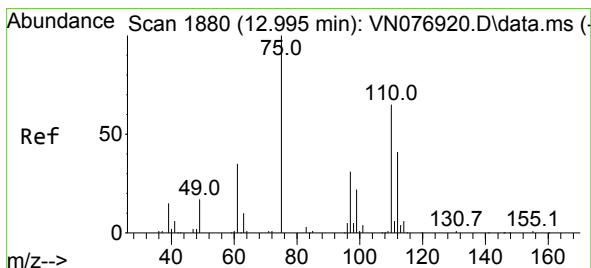
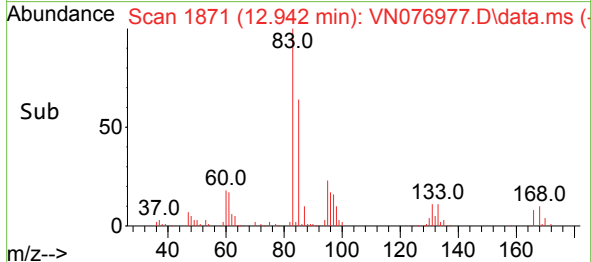
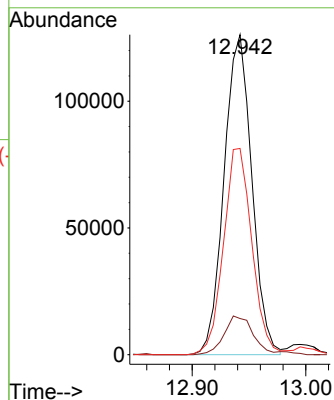
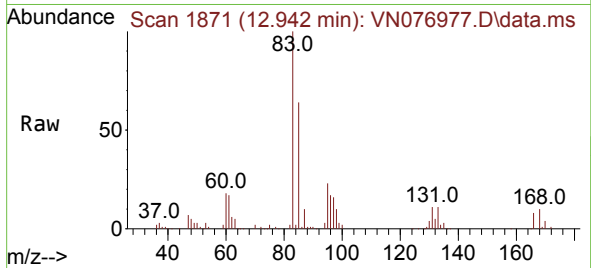




#75  
1,1,2,2-Tetrachloroethane  
Concen: 40.228 ug/l  
RT: 12.942 min Scan# 1871  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

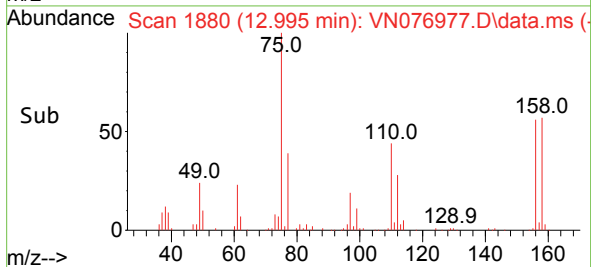
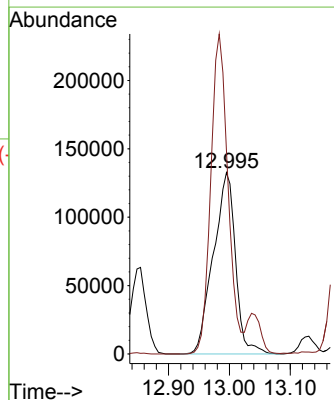
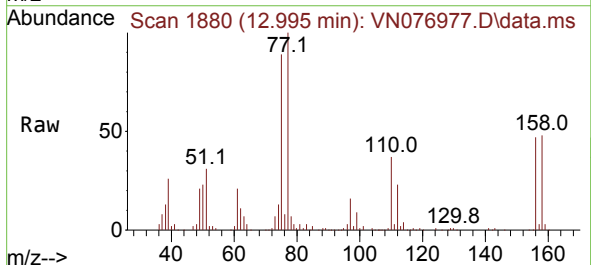
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

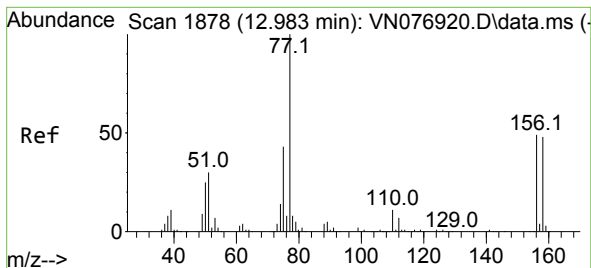
Tgt Ion: 83 Resp: 214528  
Ion Ratio Lower Upper  
83 100  
131 13.1 5.3 16.1  
85 66.0 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 67.960 ug/l  
RT: 12.995 min Scan# 1880  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 75 Resp: 335116  
Ion Ratio Lower Upper  
75 100  
77 138.1 93.8 281.4





#77

Bromobenzene

Concen: 55.933 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

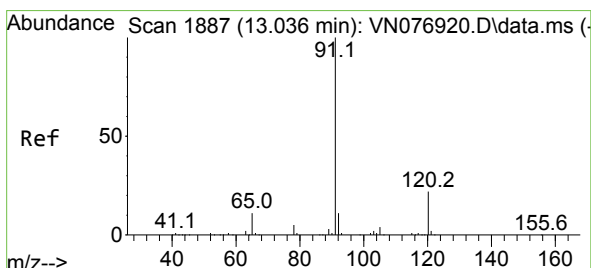
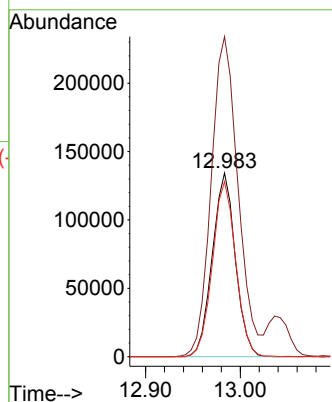
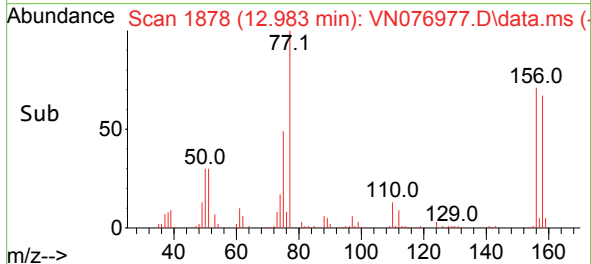
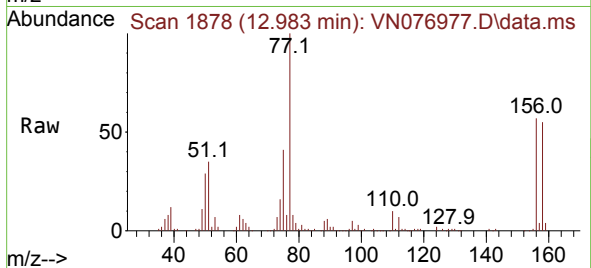
Tgt Ion:156 Resp: 226620

Ion Ratio Lower Upper

156 100

77 204.2 101.3 303.7

158 96.4 48.9 146.7



#78

n-propylbenzene

Concen: 56.020 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN076977.D

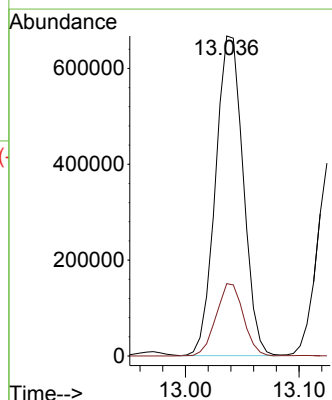
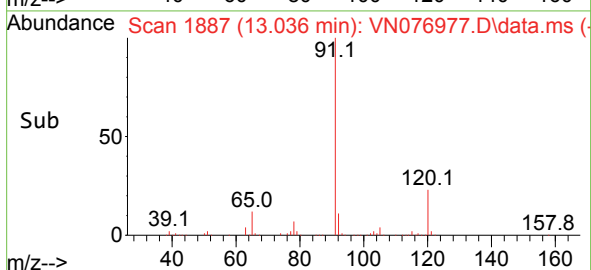
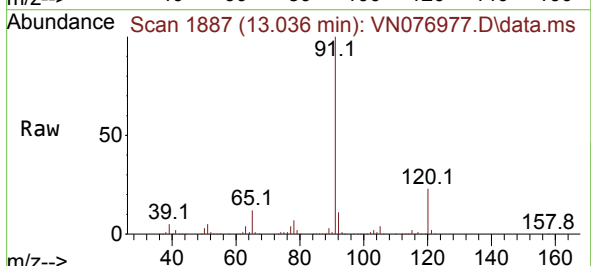
Acq: 14 Mar 2023 12:33

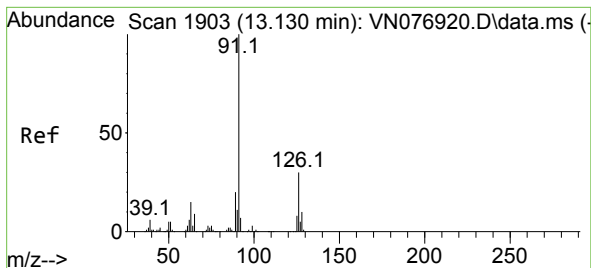
Tgt Ion: 91 Resp: 1130584

Ion Ratio Lower Upper

91 100

120 22.3 11.9 35.7

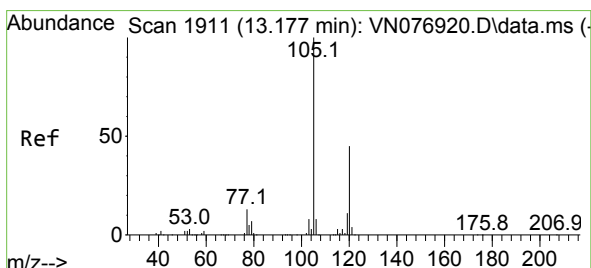
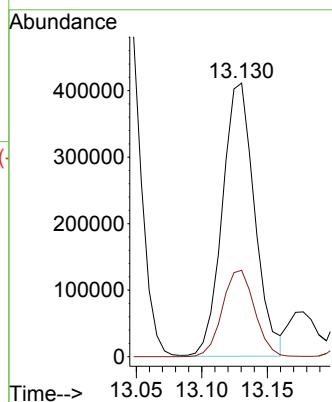
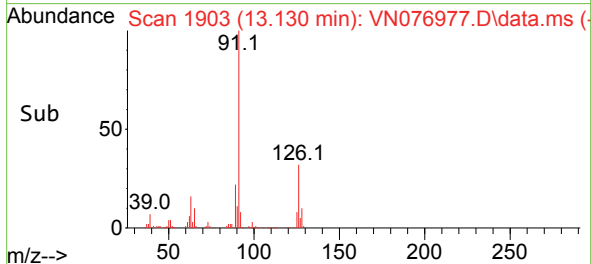
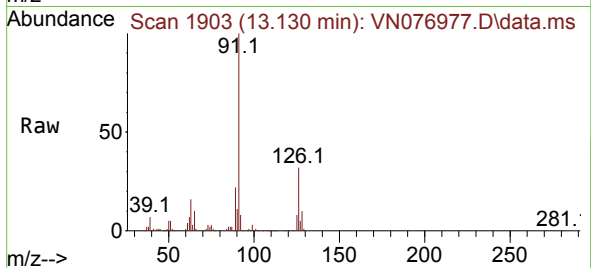




#79  
2-Chlorotoluene  
Concen: 53.824 ug/l  
RT: 13.130 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

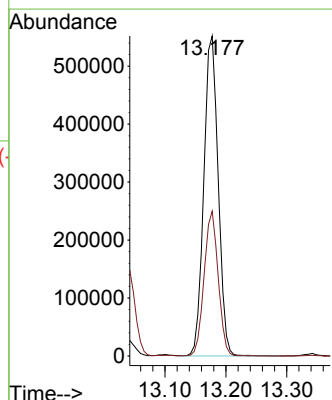
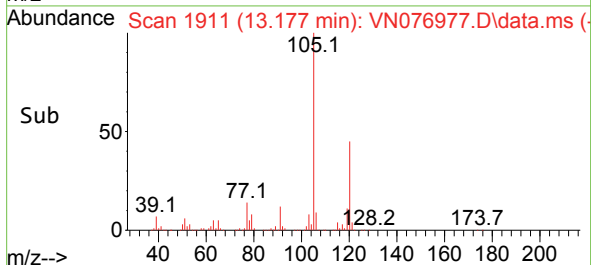
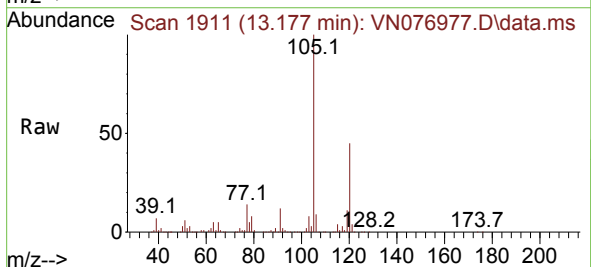
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

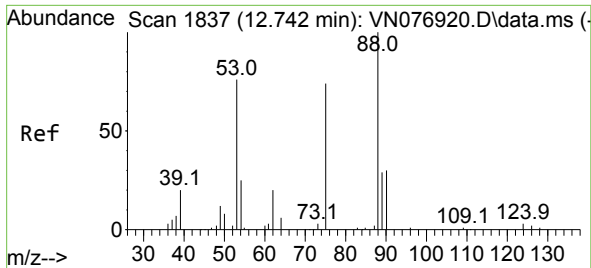
Tgt Ion: 91 Resp: 704425  
Ion Ratio Lower Upper  
91 100  
126 31.6 17.7 53.1



#80  
1,3,5-Trimethylbenzene  
Concen: 58.618 ug/l  
RT: 13.177 min Scan# 1911  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 105 Resp: 904967  
Ion Ratio Lower Upper  
105 100  
120 44.3 25.2 75.6

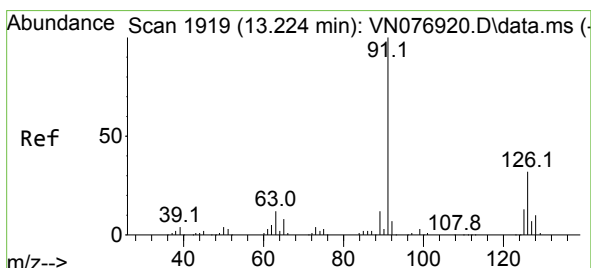
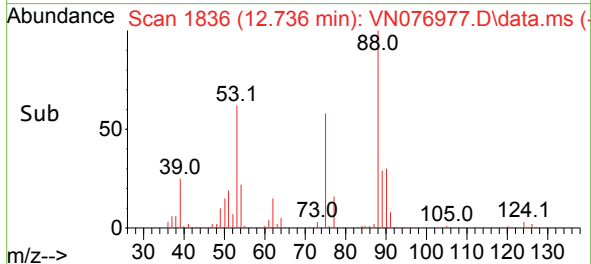
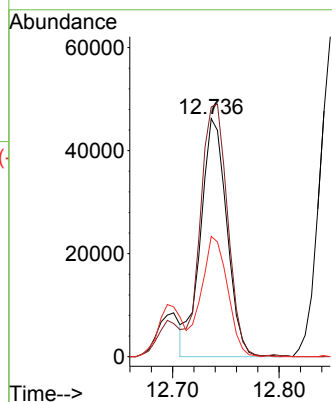
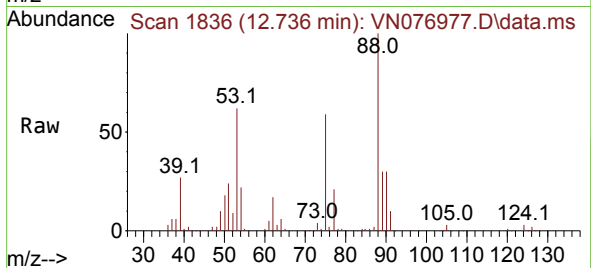




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.521 ug/l  
RT: 12.736 min Scan# 1836  
Delta R.T. -0.006 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

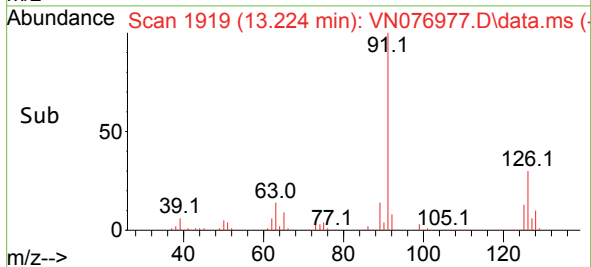
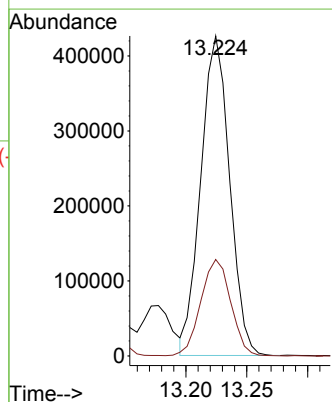
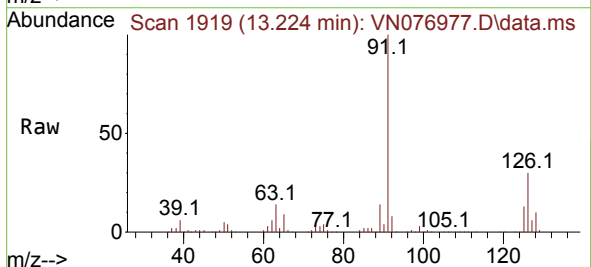
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

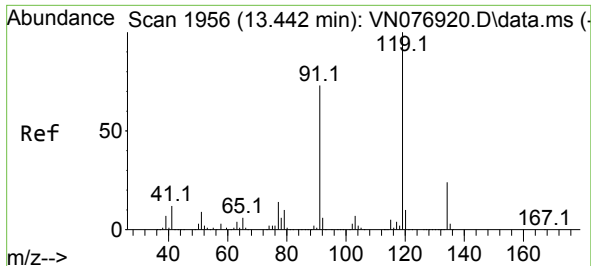
Tgt Ion: 75 Resp: 79286  
Ion Ratio Lower Upper  
75 100  
53 109.4 67.4 101.0#  
89 50.6 39.5 59.3



#82  
4-Chlorotoluene  
Concen: 56.719 ug/l  
RT: 13.224 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 91 Resp: 701425  
Ion Ratio Lower Upper  
91 100  
126 31.4 18.0 54.0

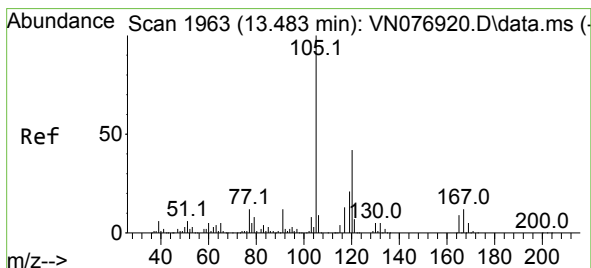
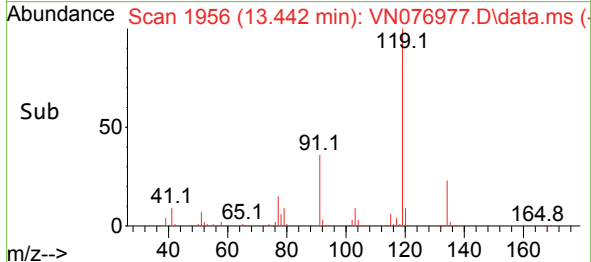
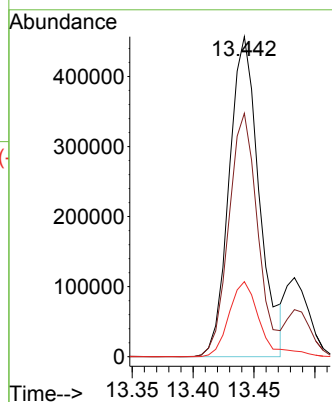
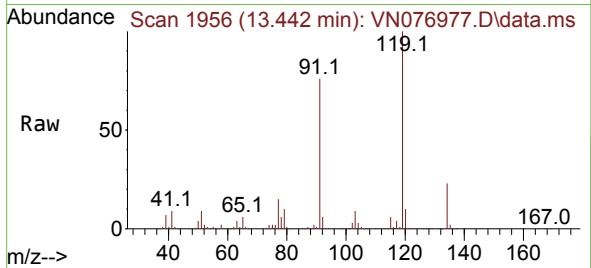




#83  
tert-Butylbenzene  
Concen: 59.772 ug/l  
RT: 13.442 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

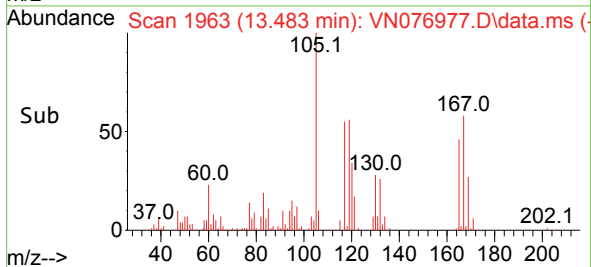
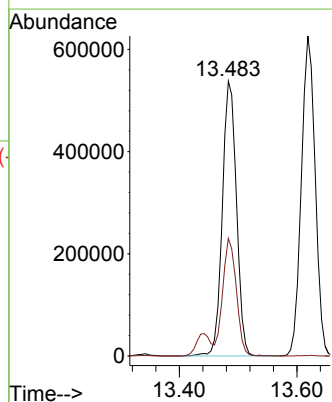
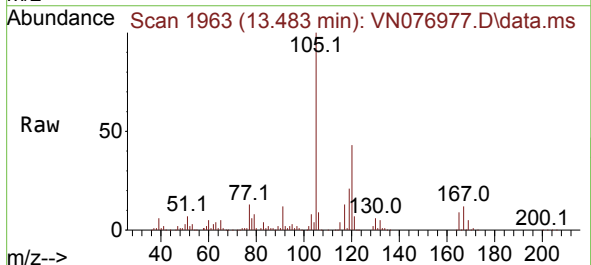
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

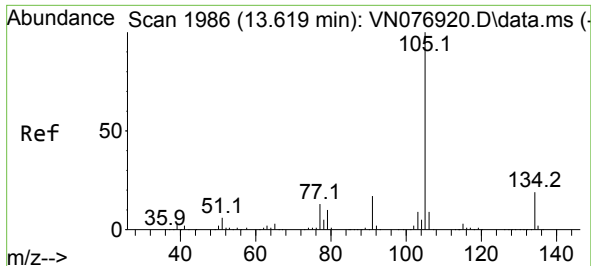
Tgt Ion:119 Resp: 783950  
Ion Ratio Lower Upper  
119 100  
91 73.7 31.9 95.5  
134 24.1 13.8 41.4



#84  
1,2,4-Trimethylbenzene  
Concen: 58.202 ug/l  
RT: 13.483 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion:105 Resp: 898975  
Ion Ratio Lower Upper  
105 100  
120 41.0 23.6 70.8

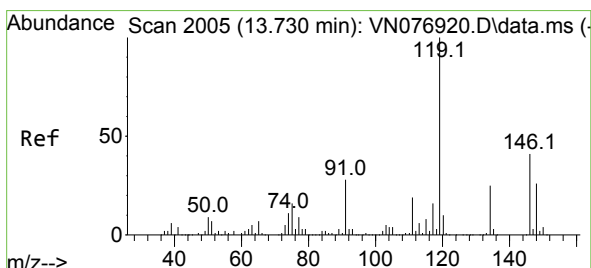
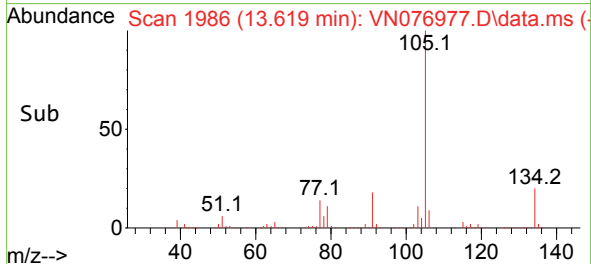
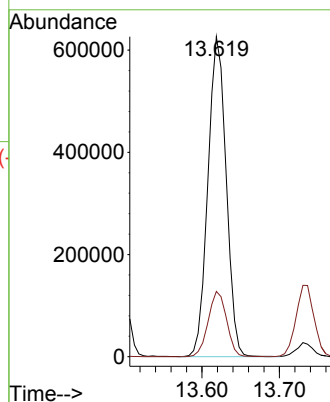
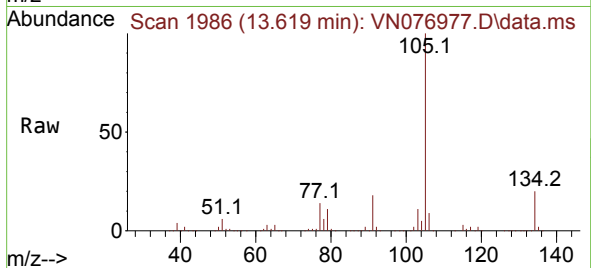




#85  
 sec-Butylbenzene  
 Concen: 57.085 ug/l  
 RT: 13.619 min Scan# 1986  
 Delta R.T. -0.000 min  
 Lab File: VN076977.D  
 Acq: 14 Mar 2023 12:33

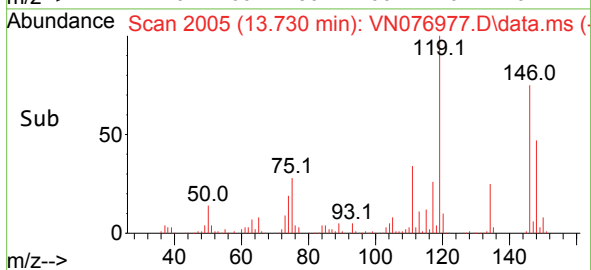
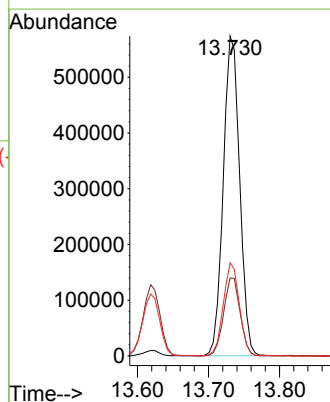
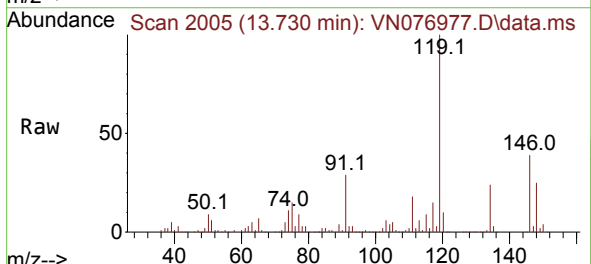
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

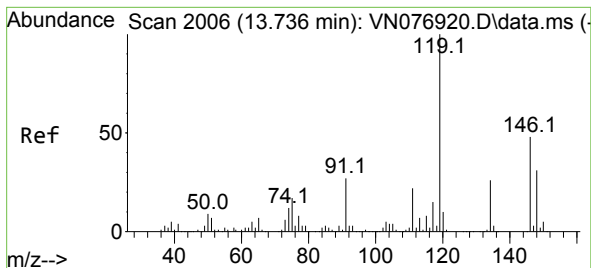
Tgt Ion:105 Resp: 1026273  
 Ion Ratio Lower Upper  
 105 100  
 134 20.5 10.4 31.2



#86  
 p-Isopropyltoluene  
 Concen: 63.125 ug/l  
 RT: 13.730 min Scan# 2005  
 Delta R.T. 0.000 min  
 Lab File: VN076977.D  
 Acq: 14 Mar 2023 12:33

Tgt Ion:119 Resp: 916435  
 Ion Ratio Lower Upper  
 119 100  
 134 24.8 13.5 40.5  
 91 28.3 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 58.160 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

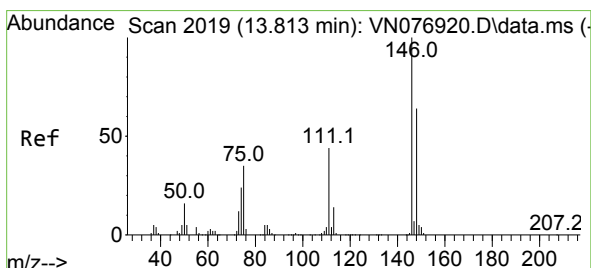
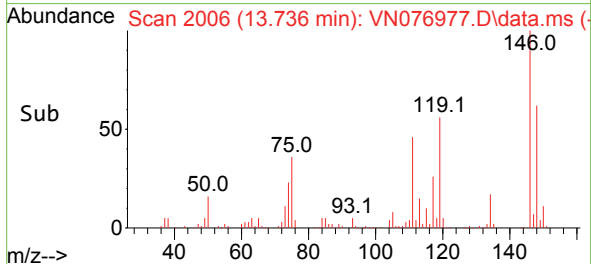
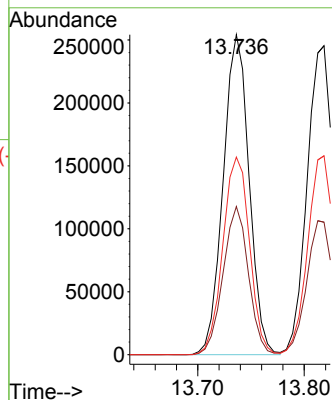
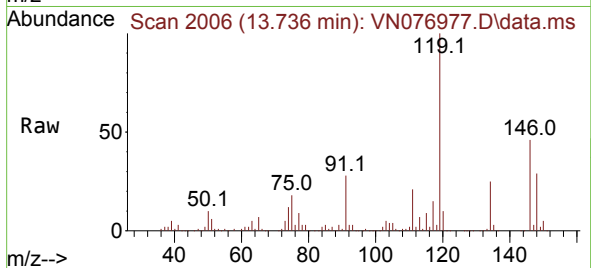
Tgt Ion:146 Resp: 429460

Ion Ratio Lower Upper

146 100

111 45.3 20.4 61.2

148 63.5 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 57.417 ug/l

RT: 13.819 min Scan# 2020

Delta R.T. 0.006 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

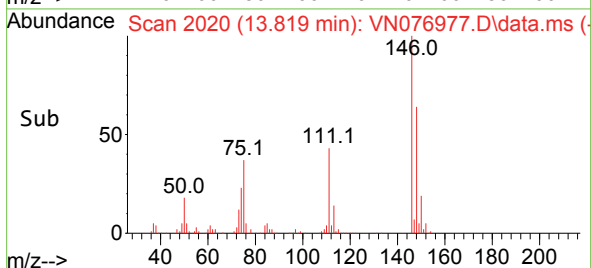
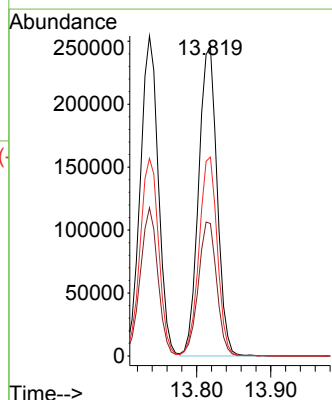
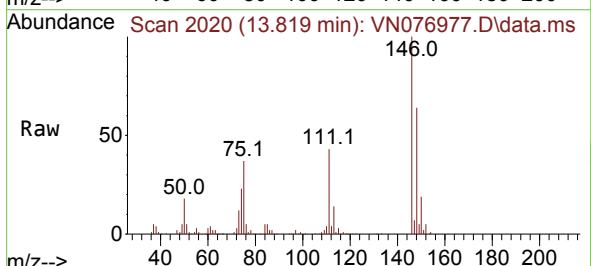
Tgt Ion:146 Resp: 425306

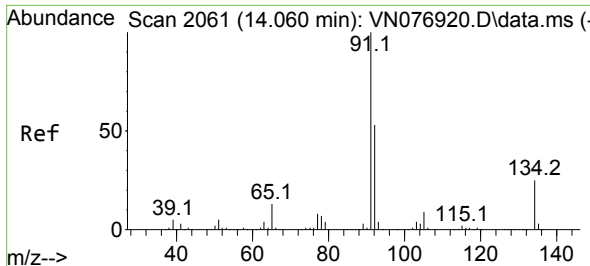
Ion Ratio Lower Upper

146 100

111 43.5 20.0 60.0

148 63.5 31.8 95.4

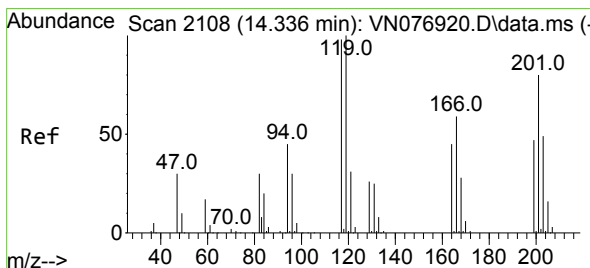
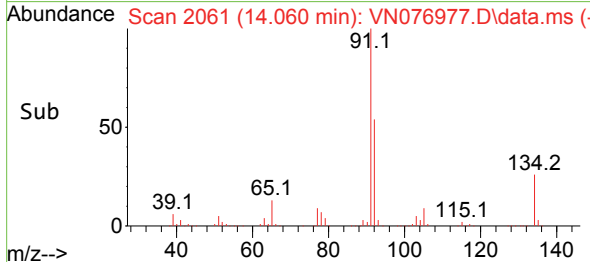
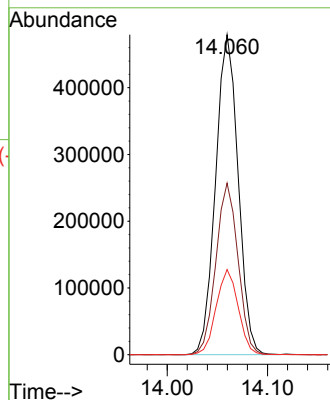
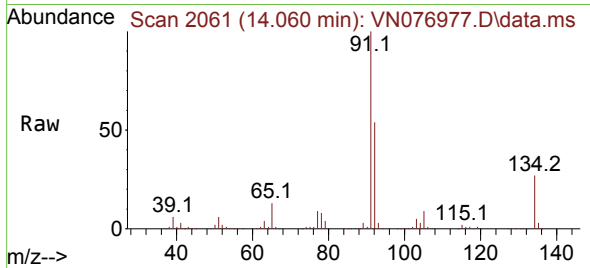




#89  
n-Butylbenzene  
Concen: 61.829 ug/l  
RT: 14.060 min Scan# 2061  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

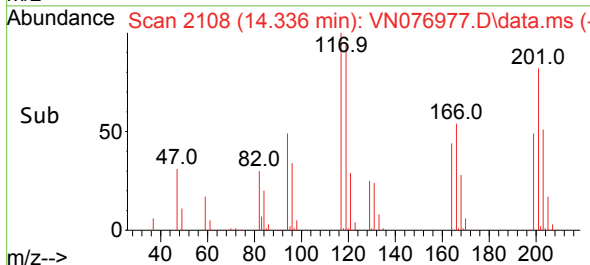
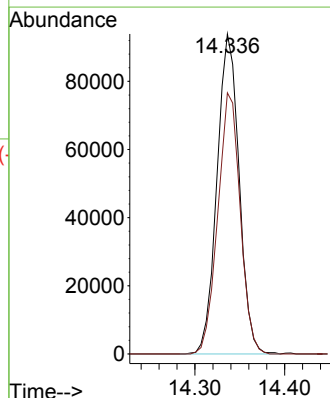
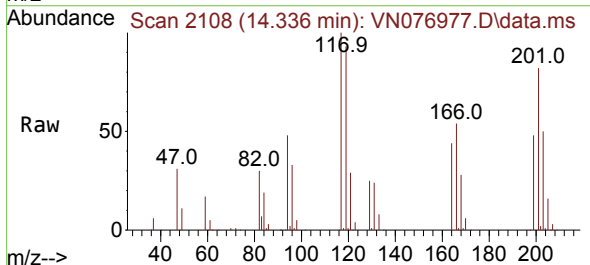
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

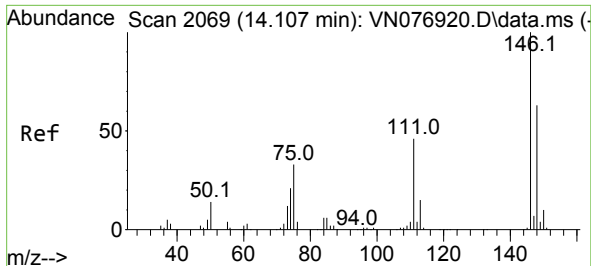
Tgt Ion: 91 Resp: 749044  
Ion Ratio Lower Upper  
91 100  
92 52.6 26.6 79.7  
134 26.0 13.6 40.7



#90  
Hexachloroethane  
Concen: 57.543 ug/l  
RT: 14.336 min Scan# 2108  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 117 Resp: 160523  
Ion Ratio Lower Upper  
117 100  
201 82.6 31.9 95.7

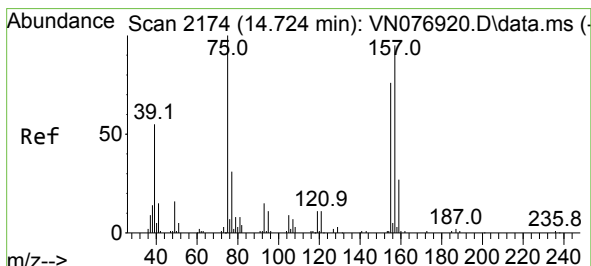
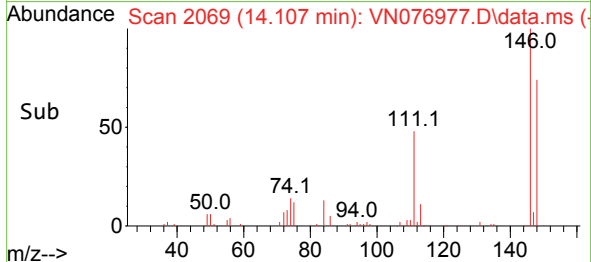
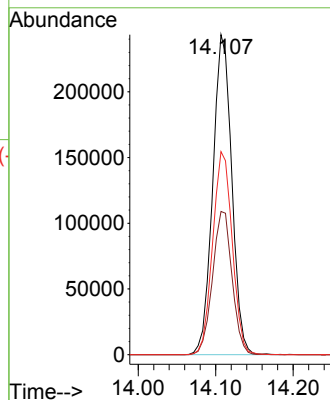
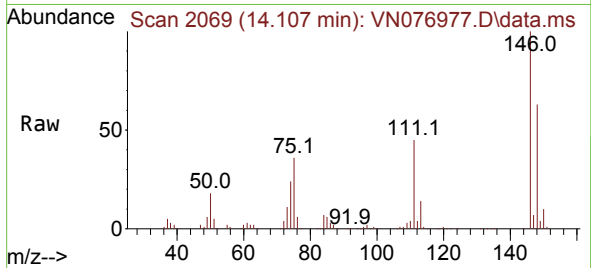




#91  
1,2-Dichlorobenzene  
Concen: 55.838 ug/l  
RT: 14.107 min Scan# 2069  
Delta R.T. -0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

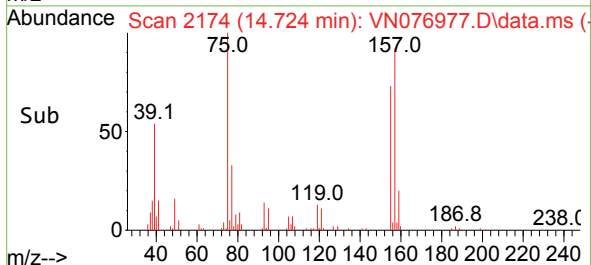
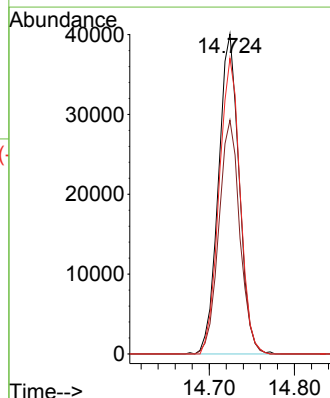
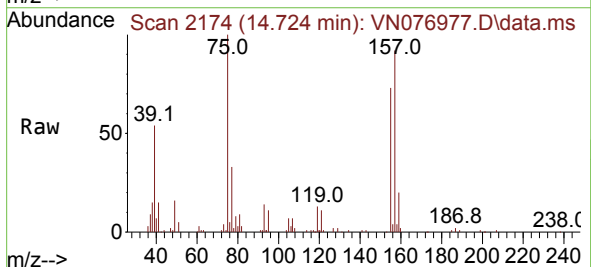
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

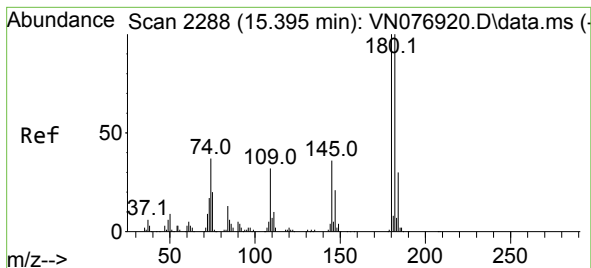
Tgt Ion:146 Resp: 414202  
Ion Ratio Lower Upper  
146 100  
111 46.1 21.4 64.2  
148 65.3 32.0 96.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 57.517 ug/l  
RT: 14.724 min Scan# 2174  
Delta R.T. 0.000 min  
Lab File: VN076977.D  
Acq: 14 Mar 2023 12:33

Tgt Ion: 75 Resp: 67720  
Ion Ratio Lower Upper  
75 100  
155 74.0 44.3 132.8  
157 93.5 58.3 174.8





#93

1,2,4-Trichlorobenzene

Concen: 64.204 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

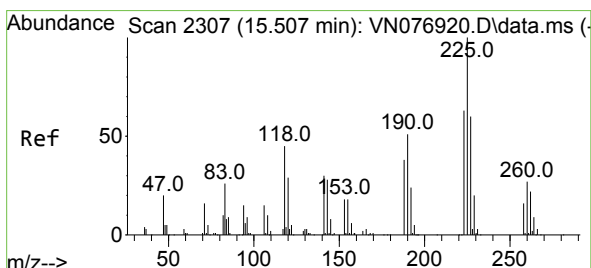
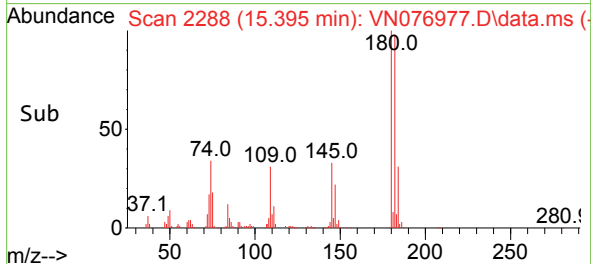
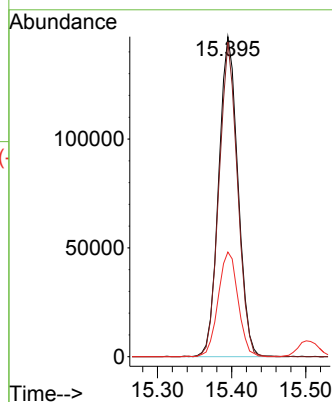
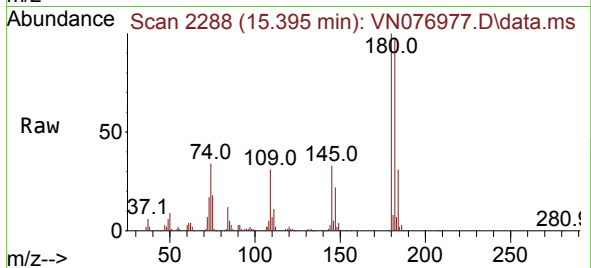
Tgt Ion:180 Resp: 264736

Ion Ratio Lower Upper

180 100

182 95.0 47.4 142.2

145 33.8 15.8 47.3



#94

Hexachlorobutadiene

Concen: 71.840 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

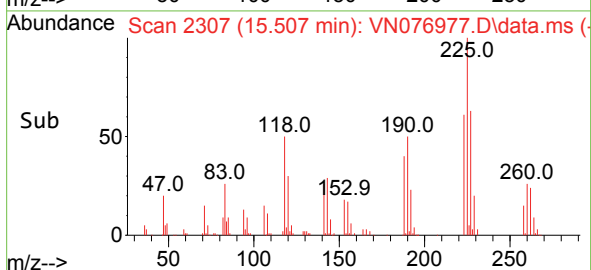
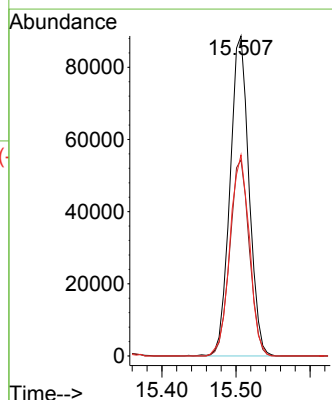
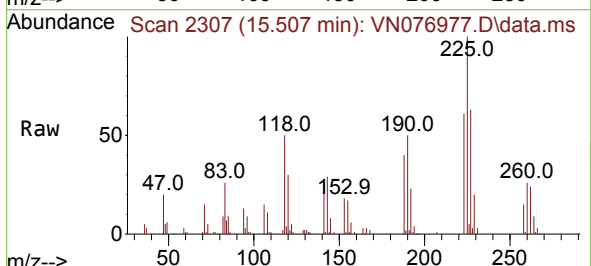
Tgt Ion:225 Resp: 157822

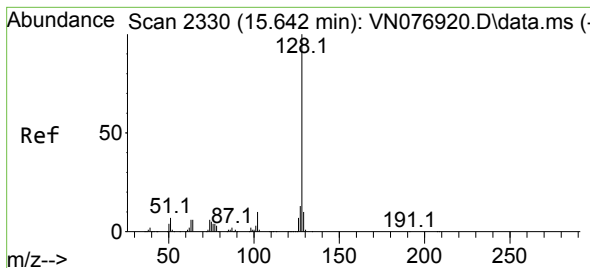
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.0

227 64.4 30.9 92.7





#95

Naphthalene

Concen: 59.620 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

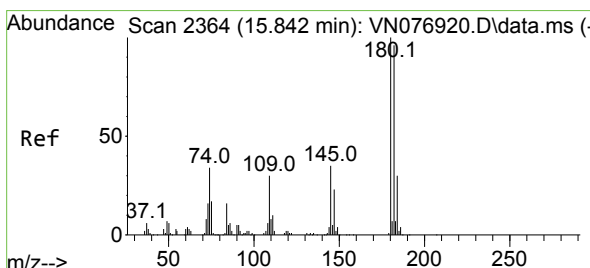
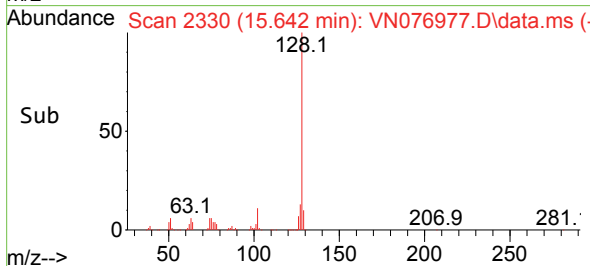
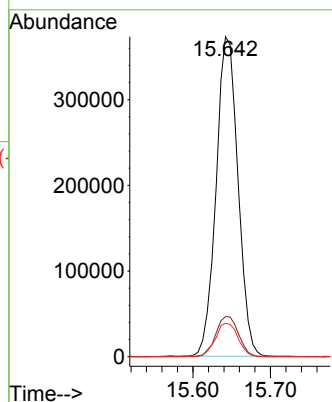
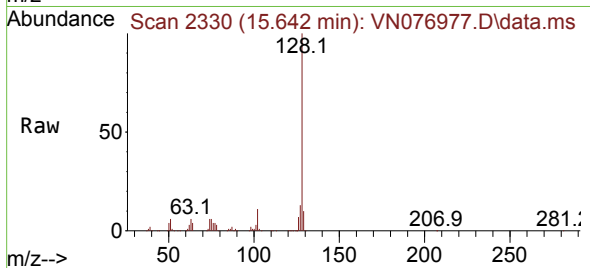
Tgt Ion:128 Resp: 731909

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 62.767 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

Tgt Ion:180 Resp: 251317

Ion Ratio Lower Upper

180 100

182 95.5 47.7 143.1

145 36.8 17.0 51.0

