

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032122\  
 Data File : VN071437.D  
 Acq On : 21 Mar 2022 23:18  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 22 06:26:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 08 06:52:46 2022  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                        |           |       |          |          |            |          |
| Internal Standards           |           |       |          |          |            |          |
| 1) Pentafluorobenzene        | 8.081     | 168   | 624697   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.963     | 114   | 1027298  | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.739    | 117   | 973213   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.668    | 152   | 391624   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.433     | 65    | 436058   | 50.931   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 61 - 141 | Recovery | = 101.860% |          |
| 35) Dibromofluoromethane     | 8.016     | 113   | 333422   | 51.433   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 69 - 133 | Recovery | = 102.860% |          |
| 50) Toluene-d8               | 10.439    | 98    | 1312150  | 50.272   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 65 - 126 | Recovery | = 100.540% |          |
| 62) 4-Bromofluorobenzene     | 12.727    | 95    | 469865   | 53.162   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 58 - 135 | Recovery | = 106.320% |          |
| Target Compounds             |           |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.069     | 85    | 278851   | 40.729   | ug/l       | 99       |
| 3) Chloromethane             | 2.293     | 50    | 397045   | 43.192   | ug/l       | 99       |
| 4) Vinyl Chloride            | 2.434     | 62    | 370269   | 44.130   | ug/l       | 99       |
| 5) Bromomethane              | 2.816     | 94    | 164801   | 43.170   | ug/l       | 100      |
| 6) Chloroethane              | 2.987     | 64    | 233962   | 46.045   | ug/l       | 99       |
| 7) Trichlorofluoromethane    | 3.357     | 101   | 501804   | 45.439   | ug/l       | 95       |
| 8) Diethyl Ether             | 3.822     | 74    | 230502   | 48.775   | ug/l       | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 4.204     | 101   | 292549   | 45.760   | ug/l       | 95       |
| 10) Methyl Iodide            | 4.416     | 142   | 396497   | 43.910   | ug/l       | 99       |
| 11) Tert butyl alcohol       | 5.363     | 59    | 486216   | 289.084  | ug/l       | 98       |
| 12) 1,1-Dichloroethene       | 4.175     | 96    | 288848   | 46.121   | ug/l       | 94       |
| 13) Acrolein                 | 4.034     | 56    | 355896   | 199.917  | ug/l       | 100      |
| 14) Allyl chloride           | 4.834     | 41    | 630458   | 46.284   | ug/l       | 86       |
| 15) Acrylonitrile            | 5.545     | 53    | 1295511  | 259.407  | ug/l       | 99       |
| 16) Acetone                  | 4.281     | 43    | 1100399  | 264.147  | ug/l       | 98       |
| 17) Carbon Disulfide         | 4.522     | 76    | 686193   | 38.486   | ug/l       | 99       |
| 18) Methyl Acetate           | 4.845     | 43    | 612219   | 54.676   | ug/l       | 96       |
| 19) Methyl tert-butyl Ether  | 5.610     | 73    | 1205215  | 51.255   | ug/l       | 96       |
| 20) Methylene Chloride       | 5.087     | 84    | 364749   | 47.922   | ug/l       | 91       |
| 21) trans-1,2-Dichloroethene | 5.587     | 96    | 303083   | 44.244   | ug/l       | 91       |
| 22) Diisopropyl ether        | 6.492     | 45    | 1335999  | 49.785   | ug/l       | 91       |
| 23) Vinyl Acetate            | 6.428     | 43    | 5886168  | 259.092  | ug/l       | 98       |
| 24) 1,1-Dichloroethane       | 6.381     | 63    | 685242   | 48.324   | ug/l       | 99       |
| 25) 2-Butanone               | 7.328     | 43    | 1825057  | 271.962  | ug/l       | 94       |
| 26) 2,2-Dichloropropane      | 7.322     | 77    | 487693   | 44.580   | ug/l       | 98       |
| 27) cis-1,2-Dichloroethene   | 7.322     | 96    | 390119   | 47.983   | ug/l       | 91       |
| 28) Bromochloromethane       | 7.651     | 49    | 297868   | 47.170   | ug/l       | 83       |
| 29) Tetrahydrofuran          | 7.681     | 42    | 1224721  | 263.436  | ug/l       | 91       |
| 30) Chloroform               | 7.816     | 83    | 655222   | 48.446   | ug/l       | 98       |
| 31) Cyclohexane              | 8.092     | 56    | 591980   | 43.298   | ug/l       | 90       |
| 32) 1,1,1-Trichloroethane    | 8.010     | 97    | 565578   | 49.093   | ug/l       | 98       |
| 36) 1,1-Dichloropropene      | 8.216     | 75    | 474416   | 45.676   | ug/l       | 96       |
| 37) Ethyl Acetate            | 7.404     | 43    | 701226   | 49.056   | ug/l       | 98       |
| 38) Carbon Tetrachloride     | 8.204     | 117   | 471454   | 46.927   | ug/l       | 98       |
| 39) Methylcyclohexane        | 9.457     | 83    | 561574   | 45.960   | ug/l       | 92       |
| 40) Benzene                  | 8.457     | 78    | 1482476  | 47.373   | ug/l       | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032122\  
 Data File : VN071437.D  
 Acq On : 21 Mar 2022 23:18  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050

Quant Time: Mar 22 06:26:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 08 06:52:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.628  | 41   | 344901   | 49.304   | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 8.528  | 62   | 543192   | 49.881   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.557  | 43   | 1102461  | 51.575   | ug/l   | 96       |
| 44) Trichloroethene           | 9.210  | 130  | 351335   | 47.582   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.486  | 63   | 405892   | 48.317   | ug/l   | 100      |
| 46) Dibromomethane            | 9.575  | 93   | 253316   | 48.993   | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.757  | 83   | 513571   | 49.150   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.557  | 41   | 527571   | 53.257   | ug/l # | 83       |
| 49) 1,4-Dioxane               | 9.563  | 88   | 200172   | 1162.513 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.327 | 43   | 3645862  | 274.825  | ug/l   | 99       |
| 52) Toluene                   | 10.504 | 92   | 929987   | 48.261   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.716 | 75   | 575316   | 49.948   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.186 | 75   | 619490   | 49.222   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.892 | 97   | 383885   | 49.715   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.757 | 69   | 677994   | 53.766   | ug/l   | 92       |
| 57) 1,3-Dichloropropane       | 11.039 | 76   | 684483   | 49.385   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.039 | 63   | 801258   | 296.593  | ug/l   | 95       |
| 59) 2-Hexanone                | 11.080 | 43   | 2717084  | 300.177  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.233 | 129  | 396653   | 51.699   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.339 | 107  | 389824   | 49.395   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.974 | 164  | 296418   | 43.671   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.769 | 112  | 995712   | 47.641   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.839 | 131  | 373158   | 48.692   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.839 | 91   | 1816809  | 49.164   | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.951 | 106  | 1346893  | 99.630   | ug/l   | 97       |
| 69) o-Xylene                  | 12.274 | 106  | 682418   | 50.358   | ug/l   | 97       |
| 70) Styrene                   | 12.292 | 104  | 1103789  | 52.620   | ug/l   | 98       |
| 71) Bromoform                 | 12.451 | 173  | 308832   | 53.065   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.574 | 105  | 1773709  | 46.983   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.380 | 43   | 780546   | 54.989   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.821 | 83   | 620810   | 55.626   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.874 | 75   | 773521   | 83.378   | ug/l   | 67       |
| 77) Bromobenzene              | 12.857 | 156  | 404613   | 45.962   | ug/l   | 77       |
| 78) n-propylbenzene           | 12.916 | 91   | 1956741  | 48.302   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 1210727  | 46.558   | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 1406956  | 47.903   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.621 | 75   | 183581   | 50.674   | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 13.098 | 91   | 1138467  | 49.150   | ug/l   | 94       |
| 83) tert-Butylbenzene         | 13.321 | 119  | 1292131  | 49.296   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 1382769  | 49.151   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.498 | 105  | 1739823  | 49.938   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 1396016  | 50.951   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.610 | 146  | 667937   | 46.697   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.692 | 146  | 645579   | 46.172   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.939 | 91   | 1065850  | 49.737   | ug/l   | 96       |
| 90) Hexachloroethane          | 14.204 | 117  | 264035   | 48.459   | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 649627   | 47.240   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 118641   | 54.012   | ug/l   | 85       |
| 93) 1,2,4-Trichlorobenzene    | 15.257 | 180  | 317322   | 49.475   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.368 | 225  | 180298   | 46.703   | ug/l   | 98       |
| 95) Naphthalene               | 15.498 | 128  | 1029498  | 56.600   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 323139   | 52.417   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032122\  
Data File : VN071437.D  
Acq On : 21 Mar 2022 23:18  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 25 Sample Multiplier: 1

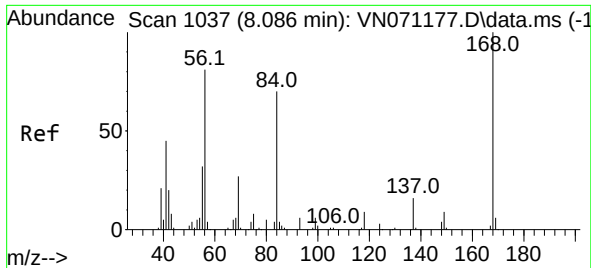
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Quant Time: Mar 22 06:26:01 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030722W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 08 06:52:46 2022  
Response via : Initial Calibration

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

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

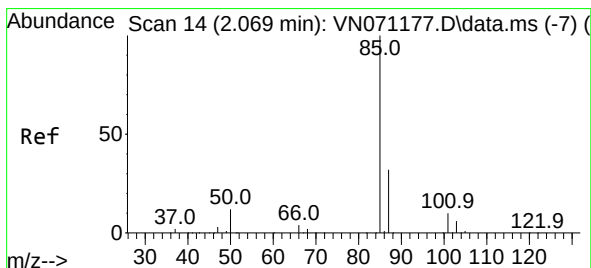
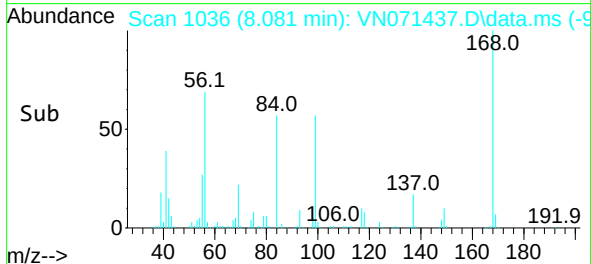
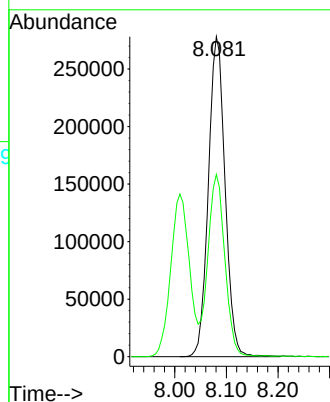
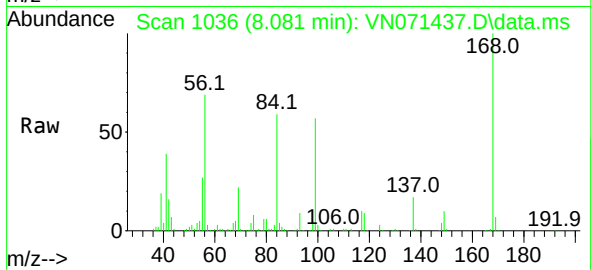




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.005 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

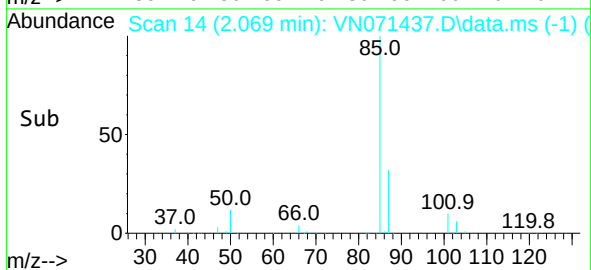
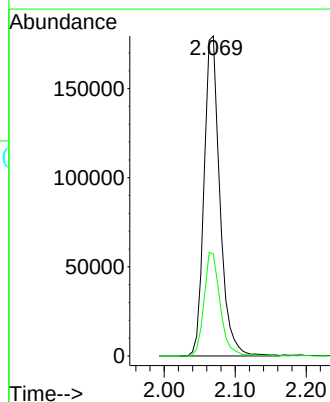
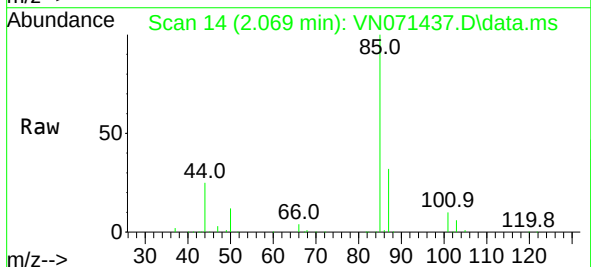
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

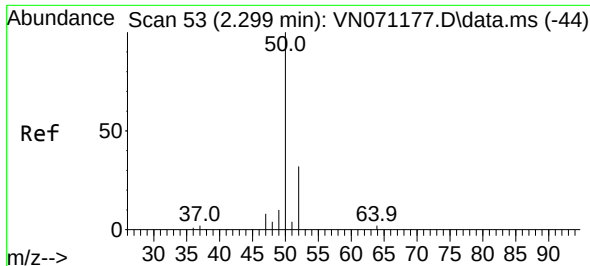
Tgt Ion:168 Resp: 624697  
Ion Ratio Lower Upper  
168 100  
99 56.8 41.3 61.9



#2  
Dichlorodifluoromethane  
Concen: 40.729 ug/l  
RT: 2.069 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 85 Resp: 278851  
Ion Ratio Lower Upper  
85 100  
87 31.9 16.3 48.9

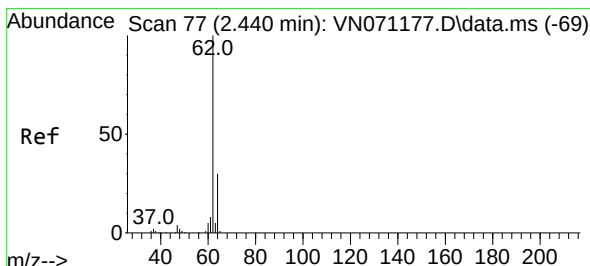
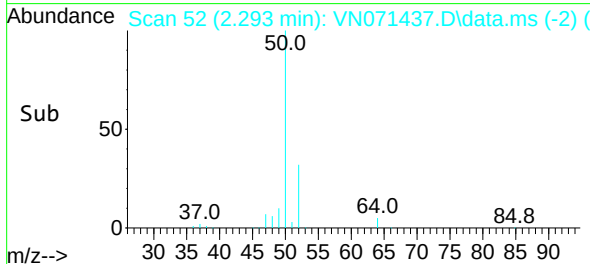
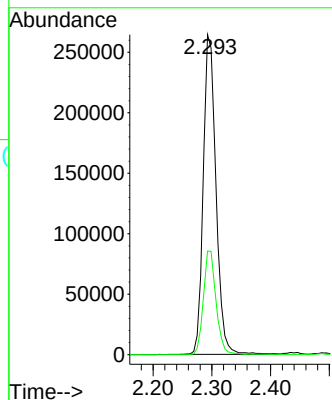
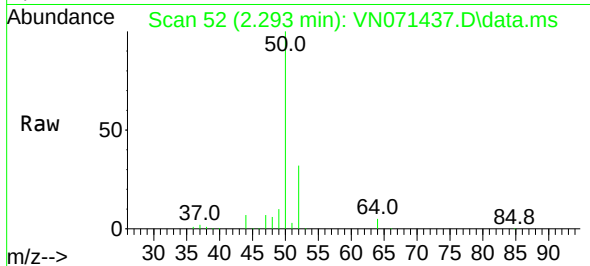




#3  
Chloromethane  
Concen: 43.192 ug/l  
RT: 2.293 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

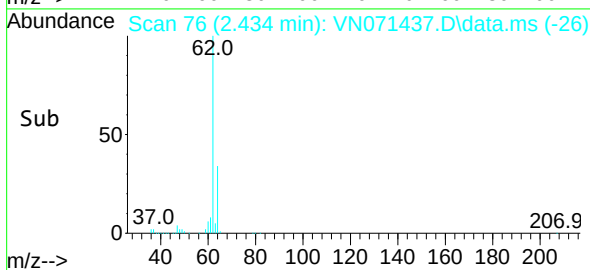
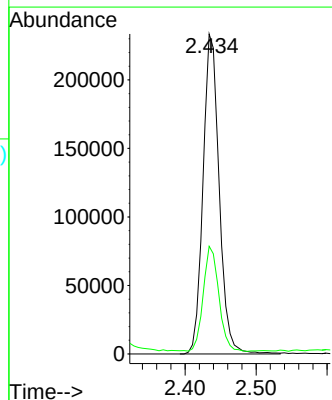
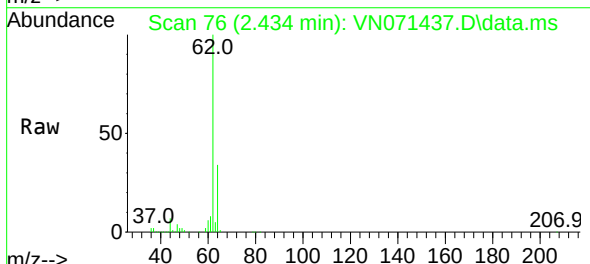
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

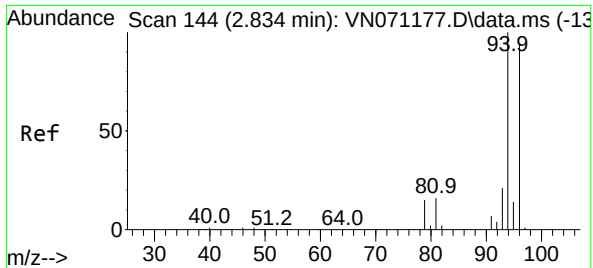
Tgt Ion: 50 Resp: 397045  
Ion Ratio Lower Upper  
50 100  
52 32.4 25.4 38.0



#4  
Vinyl Chloride  
Concen: 44.130 ug/l  
RT: 2.434 min Scan# 76  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 62 Resp: 370269  
Ion Ratio Lower Upper  
62 100  
64 32.6 25.8 38.6

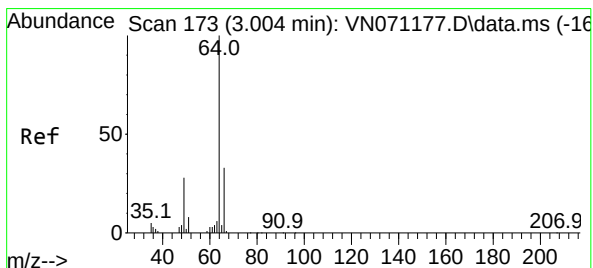
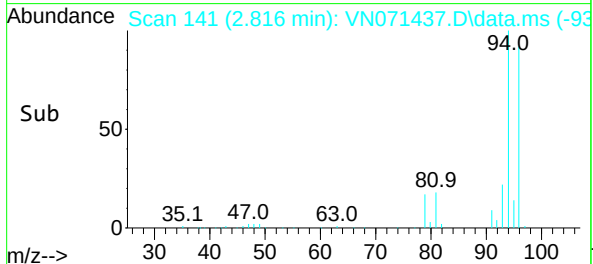
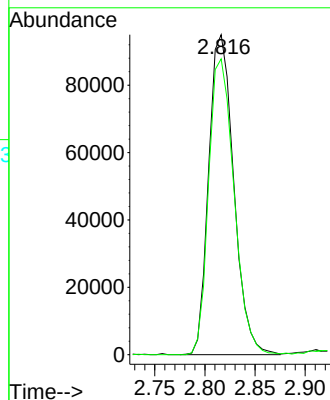
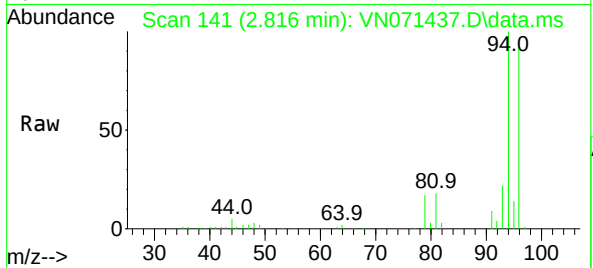




#5  
Bromomethane  
Concen: 43.170 ug/l  
RT: 2.816 min Scan# 14  
Delta R.T. -0.018 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

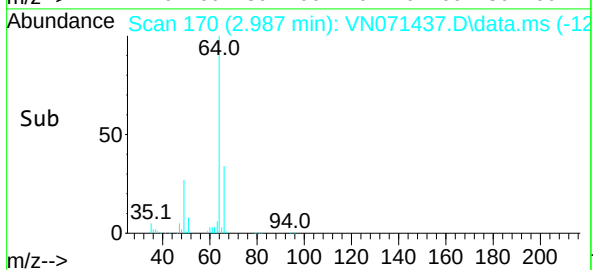
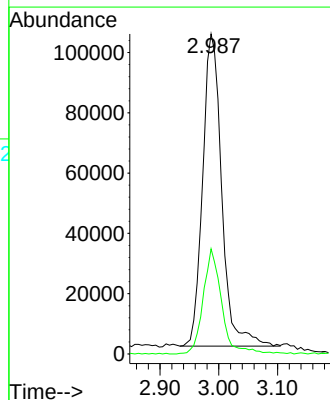
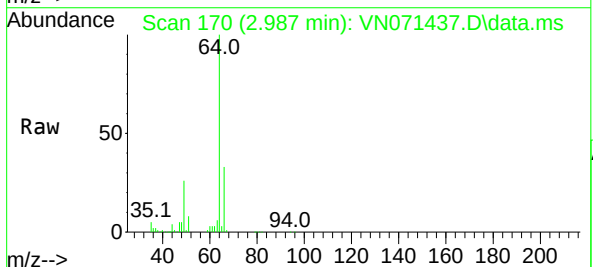
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

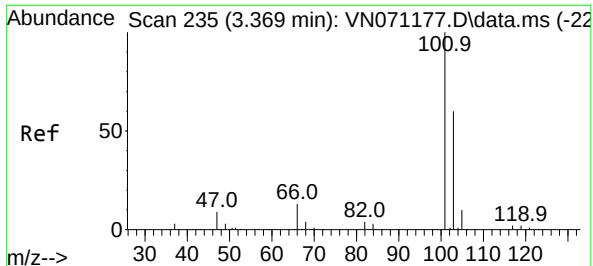
Tgt Ion: 94 Resp: 164801  
Ion Ratio Lower Upper  
94 100  
96 92.5 73.8 110.8



#6  
Chloroethane  
Concen: 46.045 ug/l  
RT: 2.987 min Scan# 170  
Delta R.T. -0.017 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 64 Resp: 233962  
Ion Ratio Lower Upper  
64 100  
66 33.5 26.3 39.5

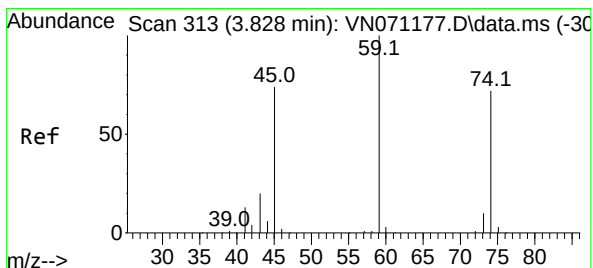
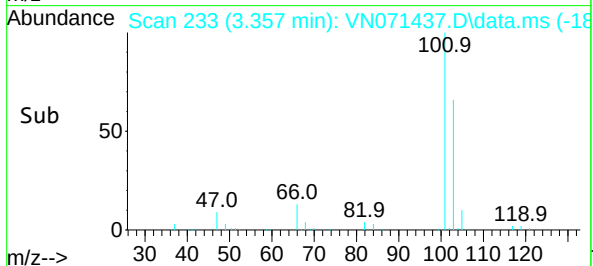
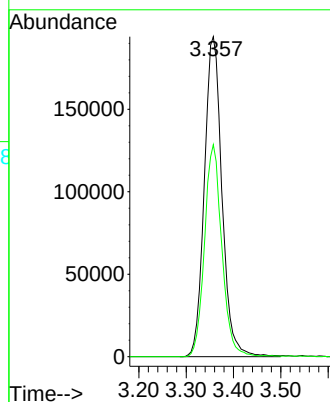
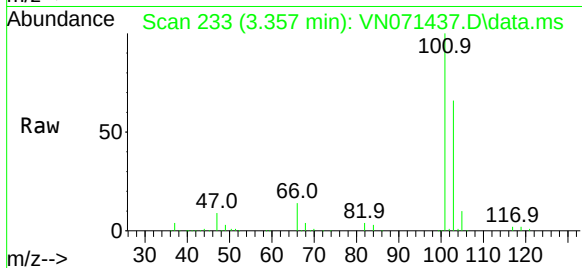




#7  
Trichlorofluoromethane  
Concen: 45.439 ug/l  
RT: 3.357 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

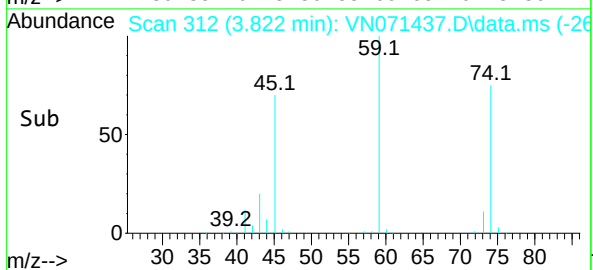
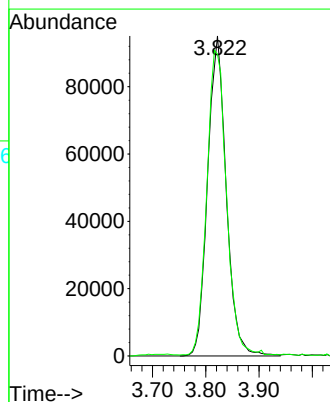
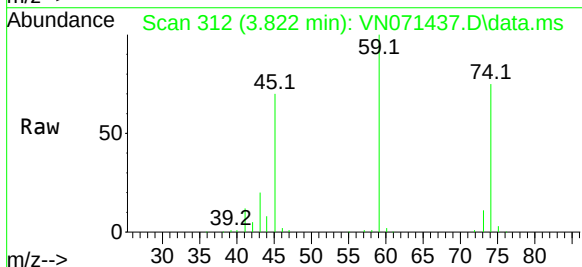
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:101 Resp: 501804  
Ion Ratio Lower Upper  
101 100  
103 66.3 50.1 75.1

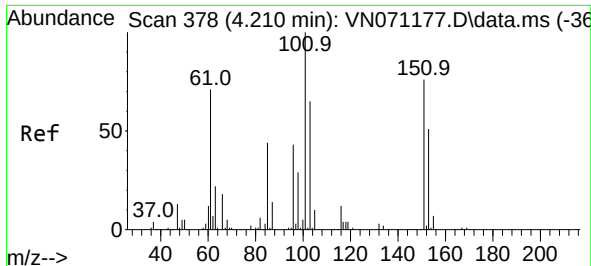


#8  
Diethyl Ether  
Concen: 48.775 ug/l  
RT: 3.822 min Scan# 312  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 74 Resp: 230502  
Ion Ratio Lower Upper  
74 100  
45 100.4 47.0 141.2



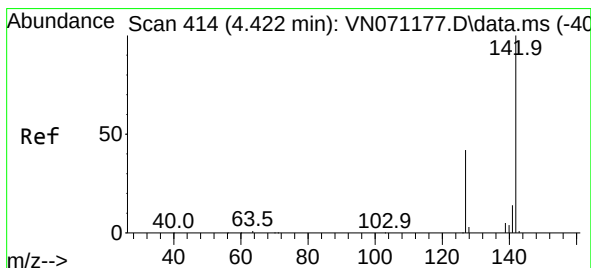
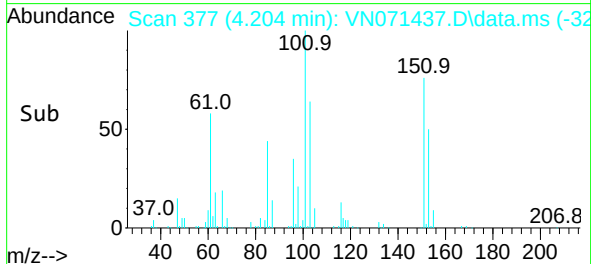
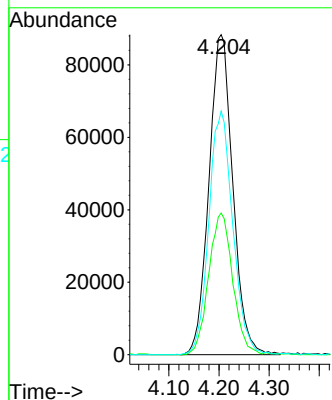
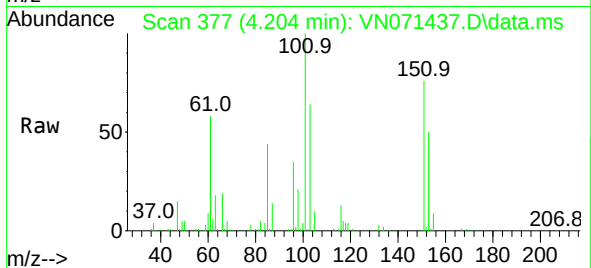




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 45.760 ug/l  
RT: 4.204 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

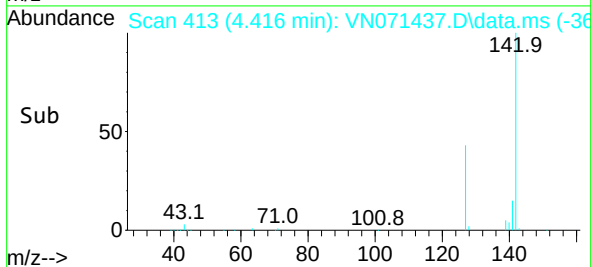
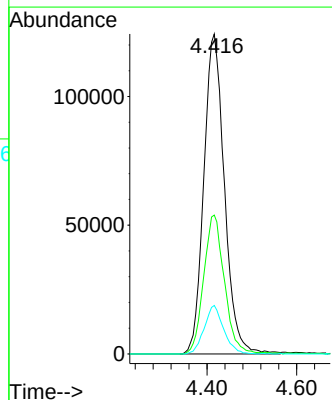
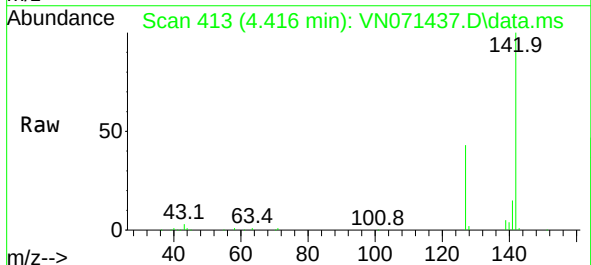
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

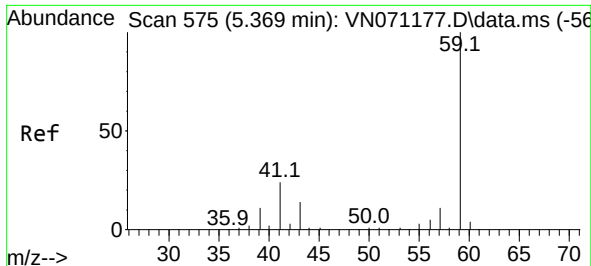
Tgt Ion:101 Resp: 292549  
Ion Ratio Lower Upper  
101 100  
85 44.5 37.2 55.8  
151 76.6 65.9 98.9



#10  
Methyl Iodide  
Concen: 43.910 ug/l  
RT: 4.416 min Scan# 413  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion:142 Resp: 396497  
Ion Ratio Lower Upper  
142 100  
127 43.6 35.4 53.0  
141 14.3 11.6 17.4

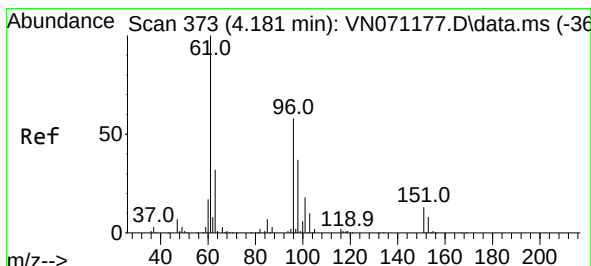
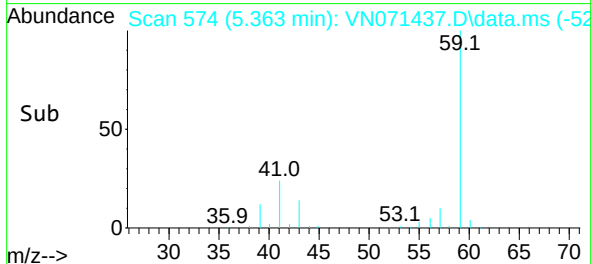
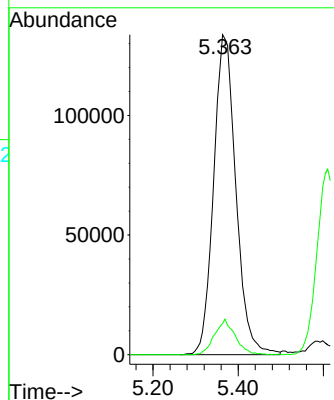
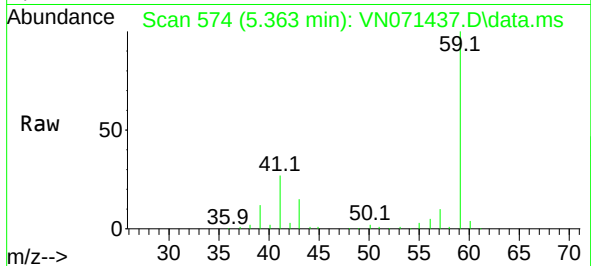




#11  
Tert butyl alcohol  
Concen: 289.084 ug/l  
RT: 5.363 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

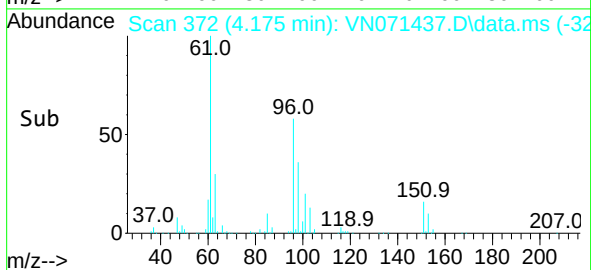
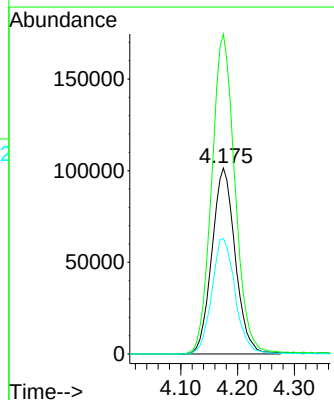
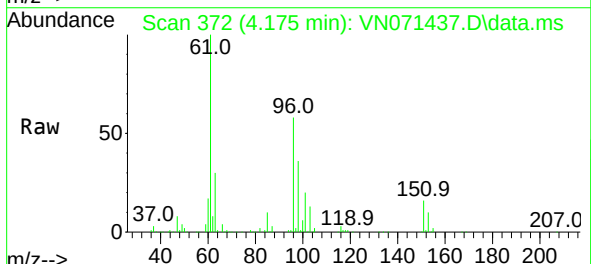
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

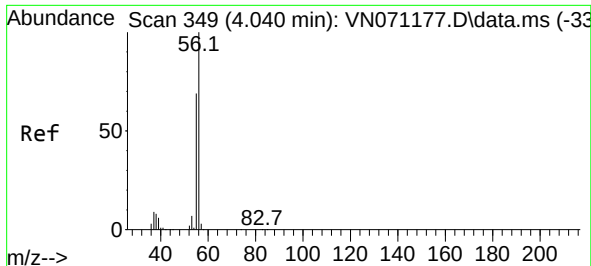
Tgt Ion: 59 Resp: 486216  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 46.121 ug/l  
RT: 4.175 min Scan# 372  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 96 Resp: 288848  
Ion Ratio Lower Upper  
96 100  
61 172.1 131.0 196.6  
98 62.1 52.4 78.6

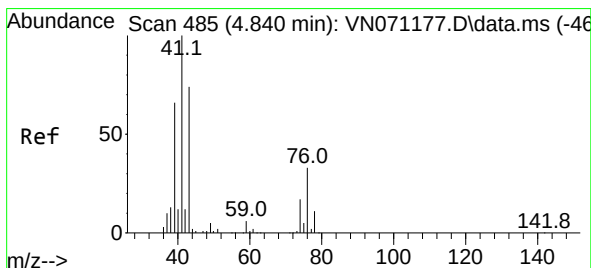
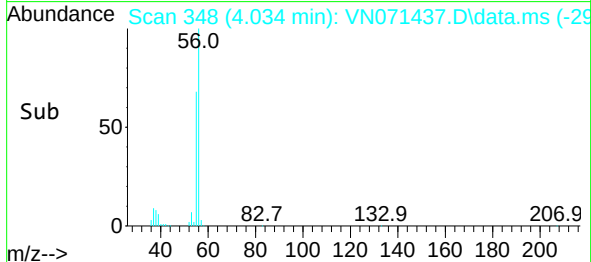
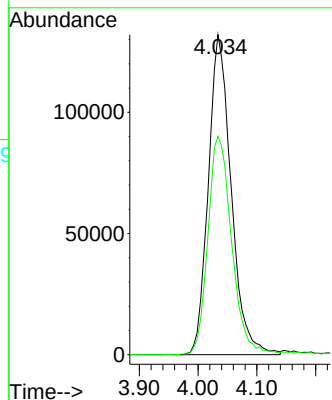
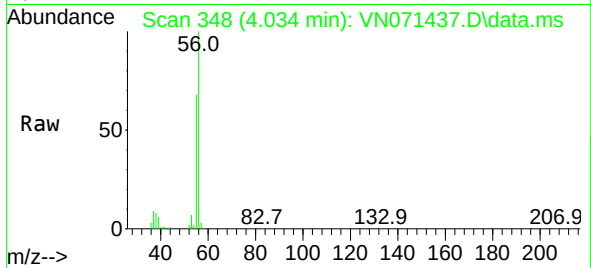




#13  
Acrolein  
Concen: 199.917 ug/l  
RT: 4.034 min Scan# 349  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

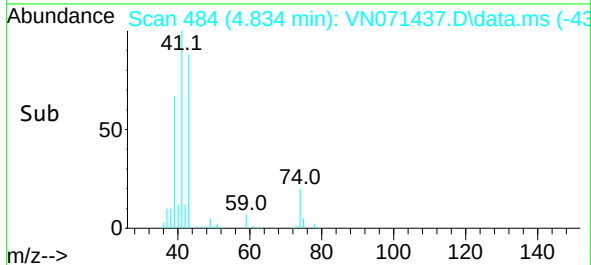
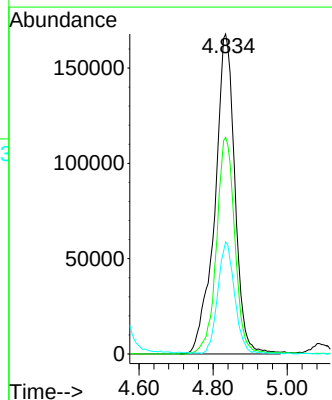
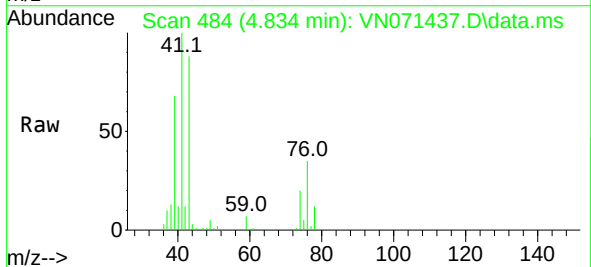
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

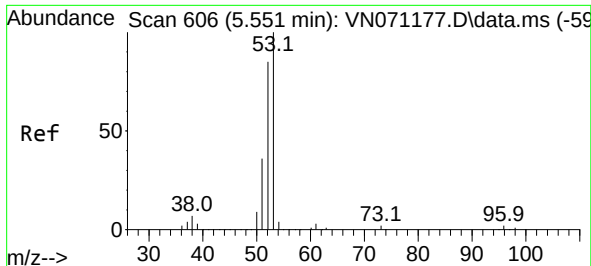
Tgt Ion: 56 Resp: 355896  
Ion Ratio Lower Upper  
56 100  
55 71.0 56.6 85.0



#14  
Allyl chloride  
Concen: 46.284 ug/l  
RT: 4.834 min Scan# 484  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 41 Resp: 630458  
Ion Ratio Lower Upper  
41 100  
39 61.8 61.2 91.8  
76 29.1 26.0 39.0



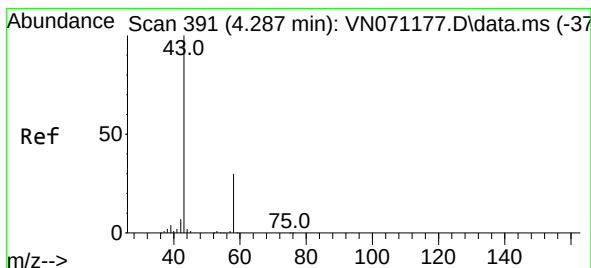
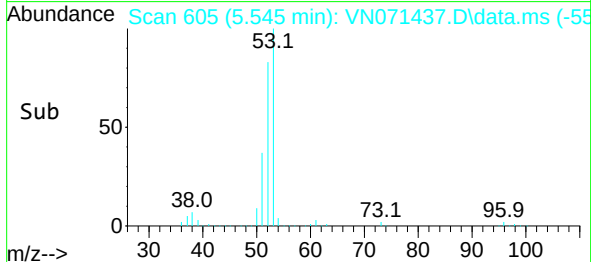
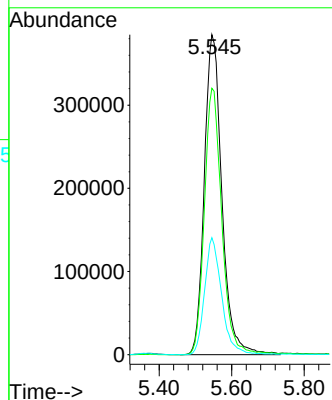
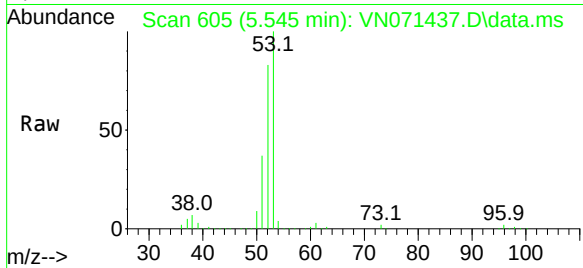


#15  
Acrylonitrile  
Concen: 259.407 ug/l  
RT: 5.545 min Scan# 606  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 53 Resp: 1295511

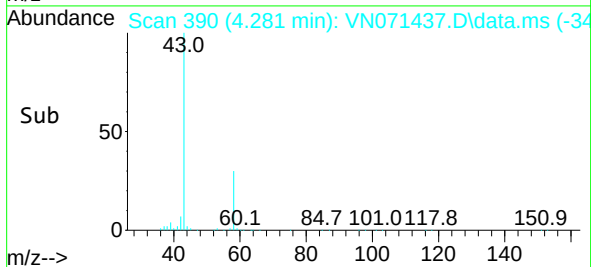
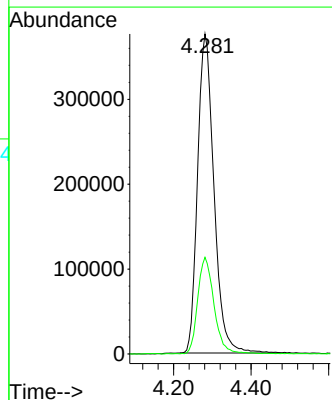
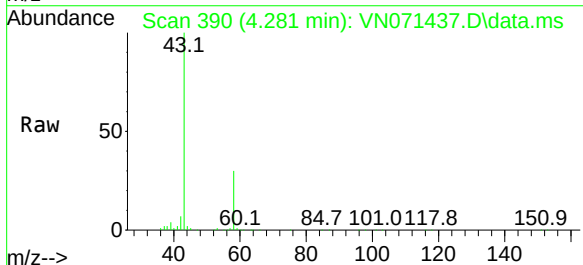
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.7  | 66.2  | 99.2  |
| 51  | 35.7  | 29.6  | 44.4  |

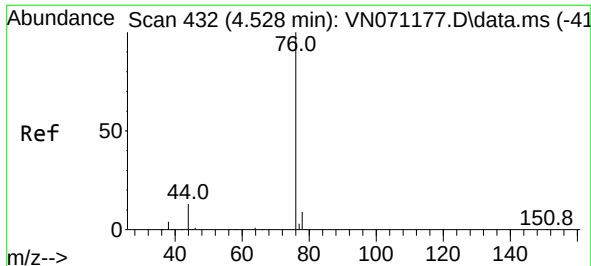


#16  
Acetone  
Concen: 264.147 ug/l  
RT: 4.281 min Scan# 390  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 43 Resp: 1100399

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 30.2  | 23.1  | 34.7  |

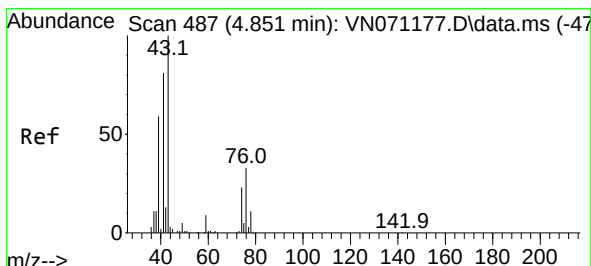
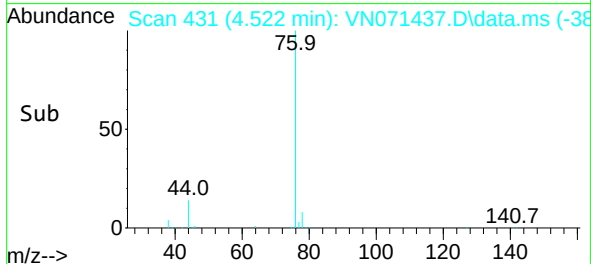
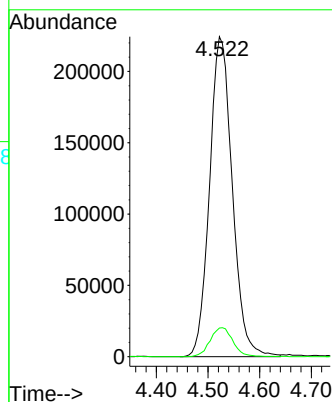
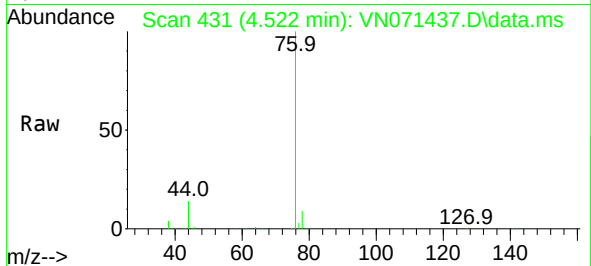




#17  
Carbon Disulfide  
Concen: 38.486 ug/l  
RT: 4.522 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

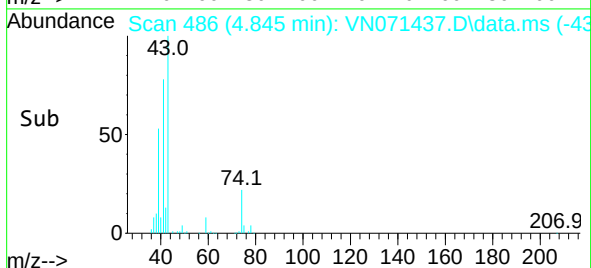
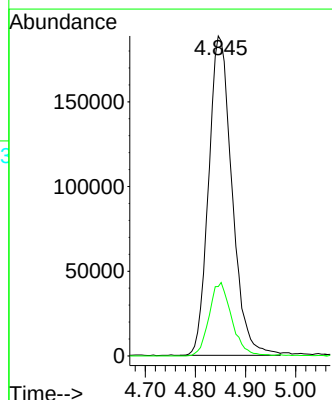
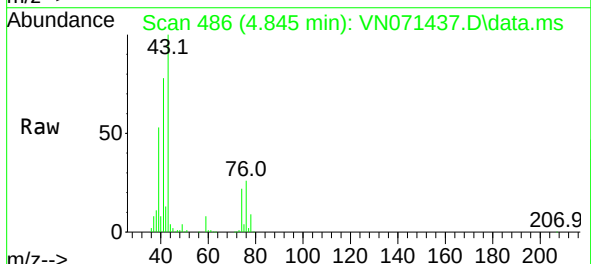
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

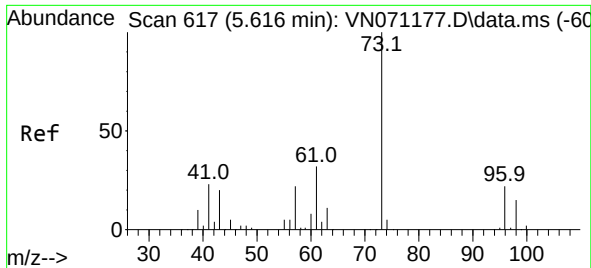
Tgt Ion: 76 Resp: 686193  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.5 11.3



#18  
Methyl Acetate  
Concen: 54.676 ug/l  
RT: 4.845 min Scan# 486  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 43 Resp: 612219  
Ion Ratio Lower Upper  
43 100  
74 22.2 19.4 29.2

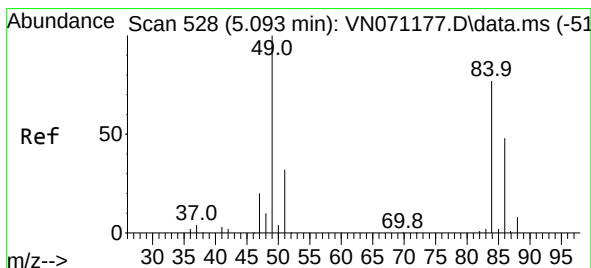
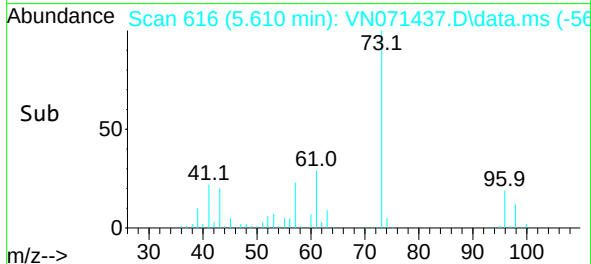
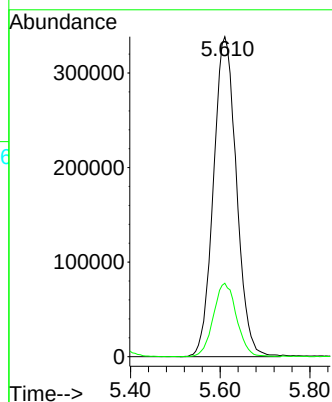
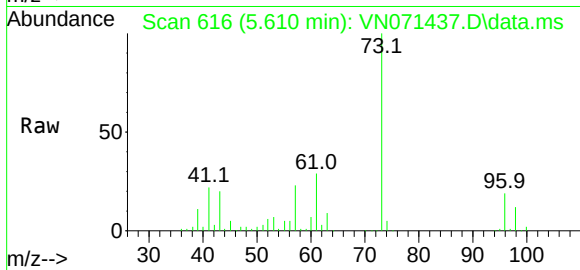




#19  
Methyl tert-butyl Ether  
Concen: 51.255 ug/l  
RT: 5.610 min Scan# 617  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

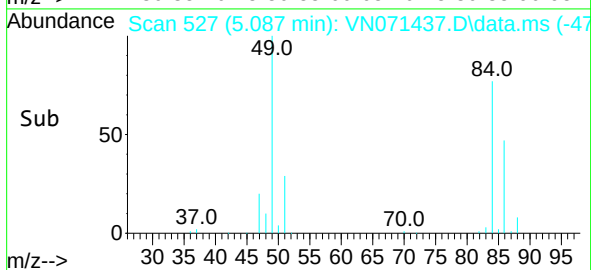
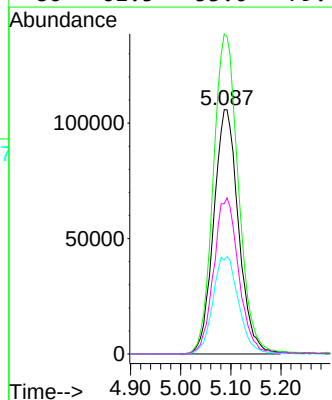
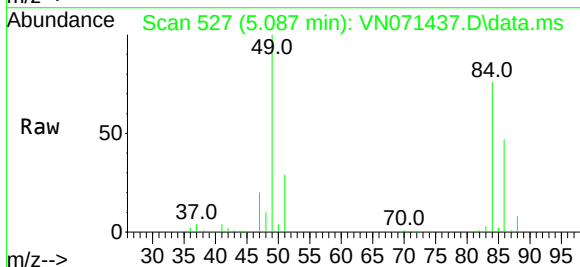
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

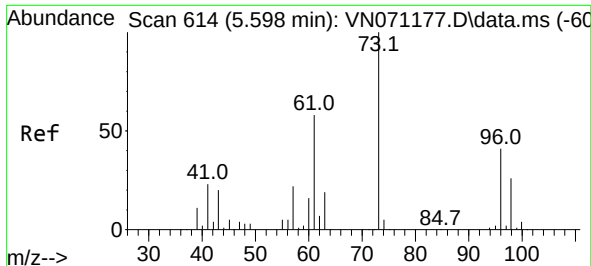
Tgt Ion: 73 Resp: 1205215  
Ion Ratio Lower Upper  
73 100  
57 22.9 16.8 25.2



#20  
Methylene Chloride  
Concen: 47.922 ug/l  
RT: 5.087 min Scan# 527  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 84 Resp: 364749  
Ion Ratio Lower Upper  
84 100  
49 130.9 93.5 140.3  
51 38.5 29.4 44.2  
86 61.5 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 44.244 ug/l

RT: 5.587 min Scan# 614

Delta R.T. -0.012 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

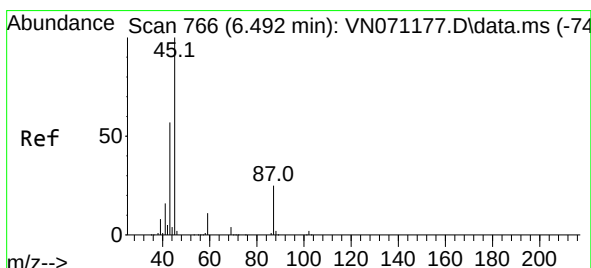
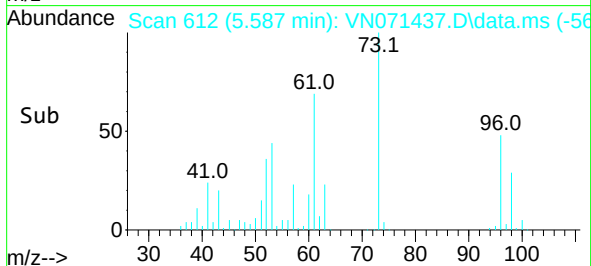
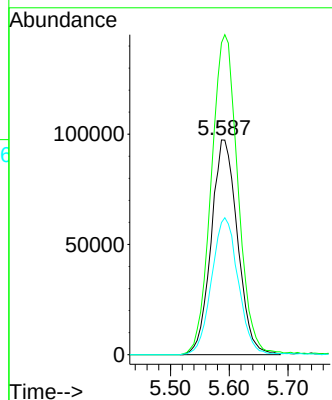
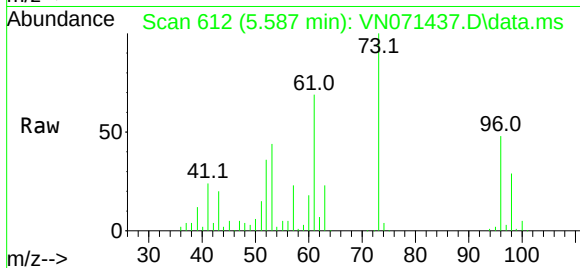
Tgt Ion: 96 Resp: 303083

Ion Ratio Lower Upper

96 100

61 145.3 105.8 158.6

98 61.6 52.0 78.0



#22

Diisopropyl ether

Concen: 49.785 ug/l

RT: 6.492 min Scan# 766

Delta R.T. 0.000 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

Tgt Ion: 45 Resp: 1335999

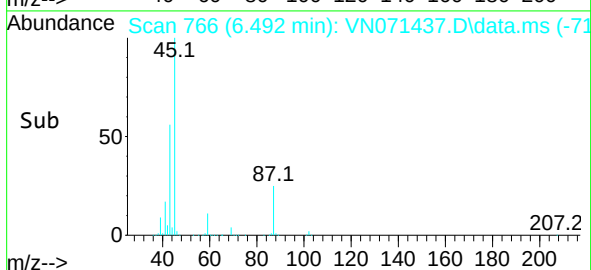
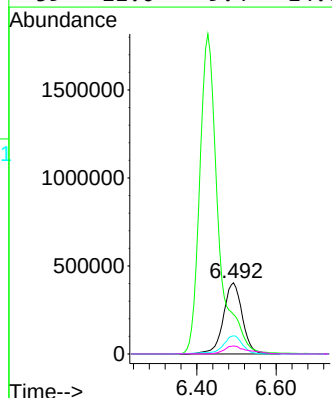
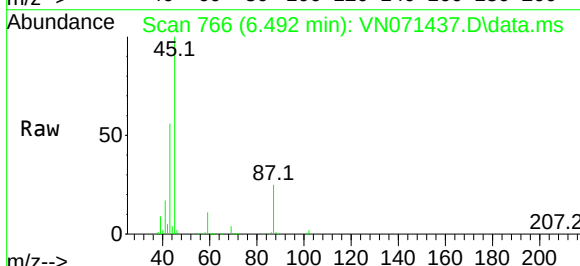
Ion Ratio Lower Upper

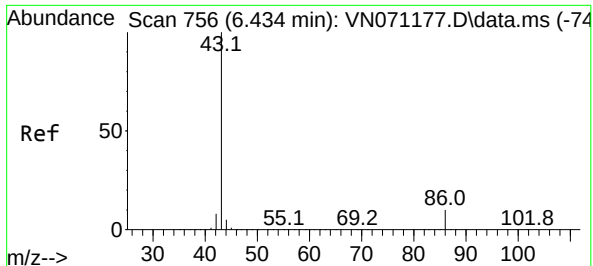
45 100

43 55.4 51.7 77.5

87 25.3 23.2 34.8

59 11.0 9.4 14.0

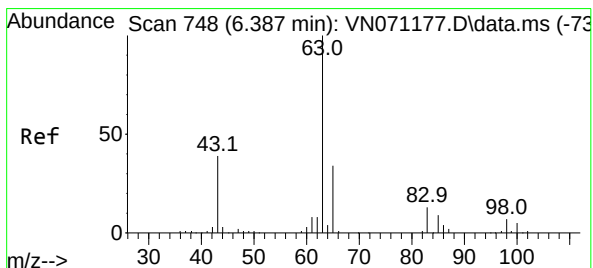
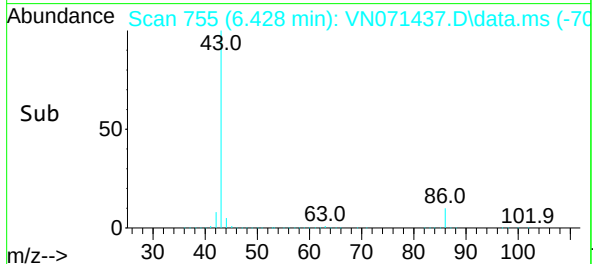
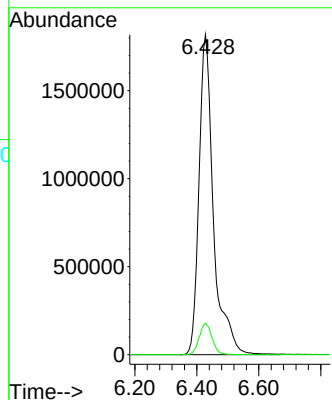
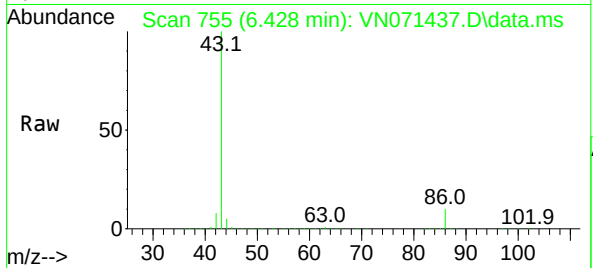




#23  
 Vinyl Acetate  
 Concen: 259.092 ug/l  
 RT: 6.428 min Scan# 714  
 Delta R.T. -0.006 min  
 Lab File: VN071437.D  
 Acq: 21 Mar 2022 23:18

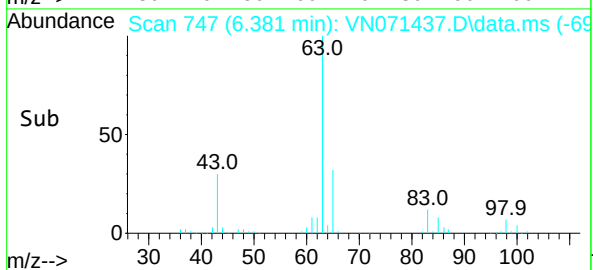
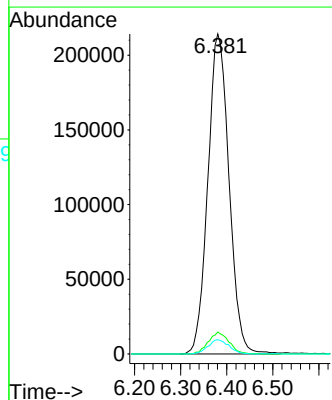
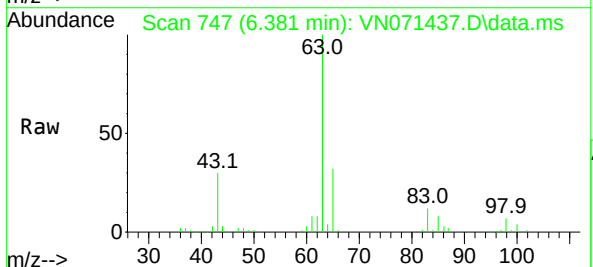
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 5886168  
 Ion Ratio Lower Upper  
 43 100  
 86 9.8 8.5 12.7

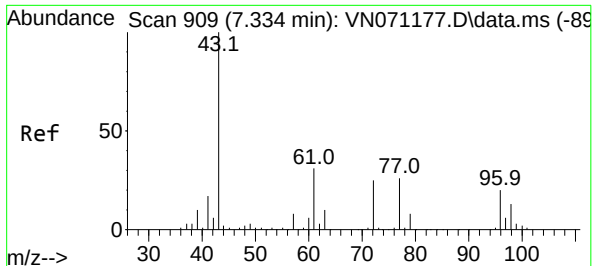


#24  
 1,1-Dichloroethane  
 Concen: 48.324 ug/l  
 RT: 6.381 min Scan# 747  
 Delta R.T. -0.006 min  
 Lab File: VN071437.D  
 Acq: 21 Mar 2022 23:18

Tgt Ion: 63 Resp: 685242  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.3 9.9  
 100 4.5 2.1 6.5







#25

2-Butanone

Concen: 271.962 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.006 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

Instrument :

MSVOA\_N

ClientSampleId :

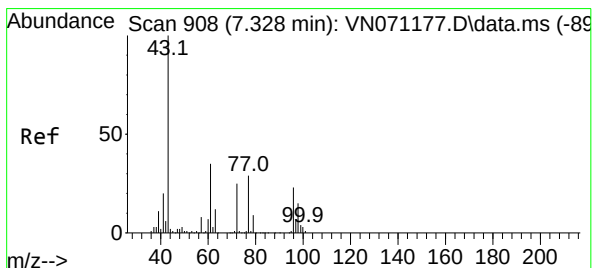
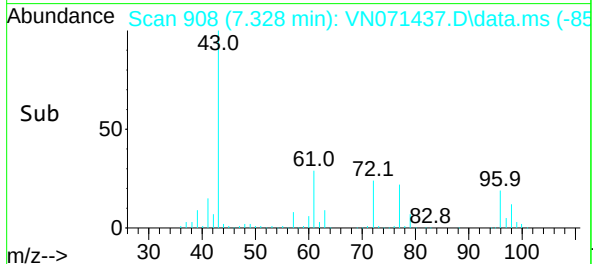
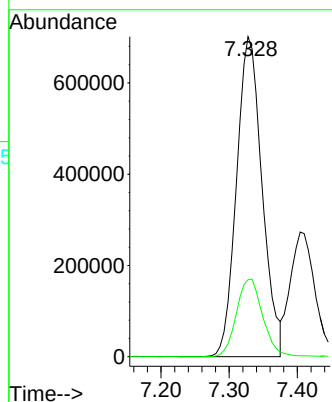
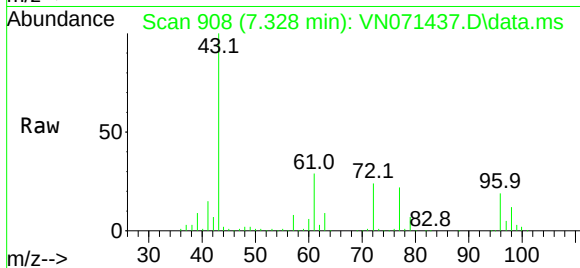
VSTDCCC050

Tgt Ion: 43 Resp: 1825057

Ion Ratio Lower Upper

43 100

72 24.1 21.7 32.5



#26

2,2-Dichloropropane

Concen: 44.580 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.006 min

Lab File: VN071437.D

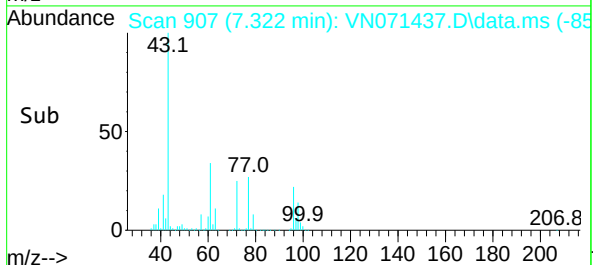
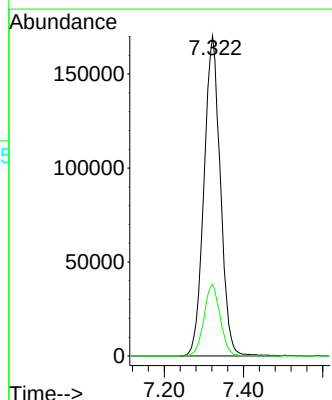
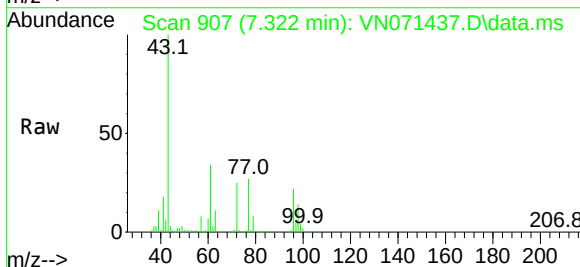
Acq: 21 Mar 2022 23:18

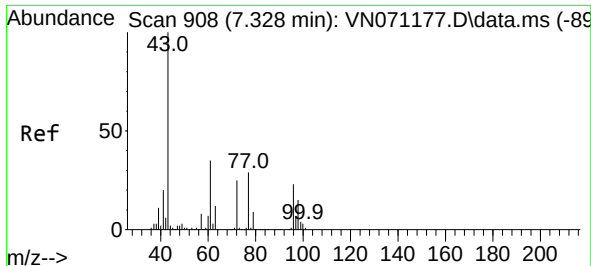
Tgt Ion: 77 Resp: 487693

Ion Ratio Lower Upper

77 100

97 22.1 11.6 34.8

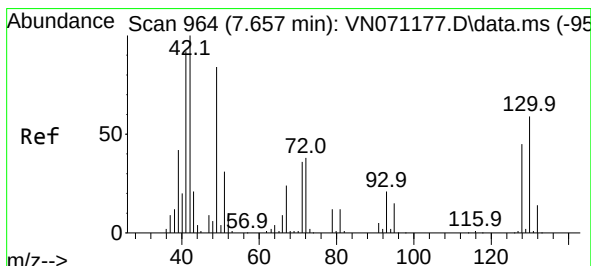
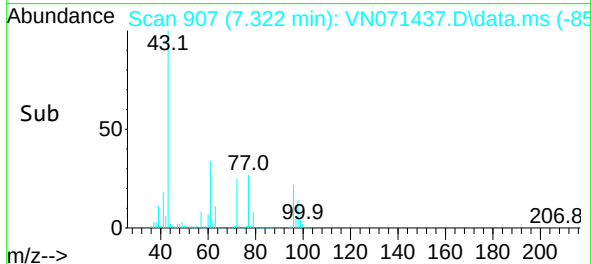
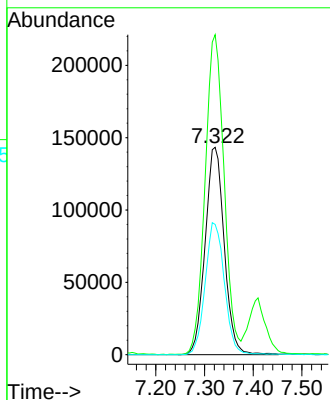
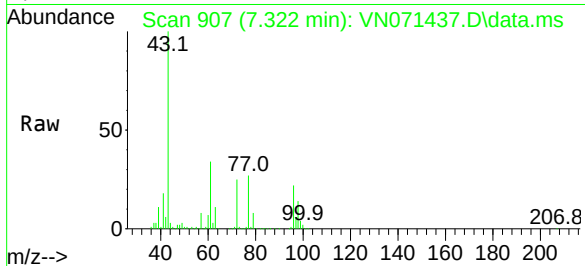




#27  
 cis-1,2-Dichloroethene  
 Concen: 47.983 ug/l  
 RT: 7.322 min Scan# 908  
 Delta R.T. -0.006 min  
 Lab File: VN071437.D  
 Acq: 21 Mar 2022 23:18

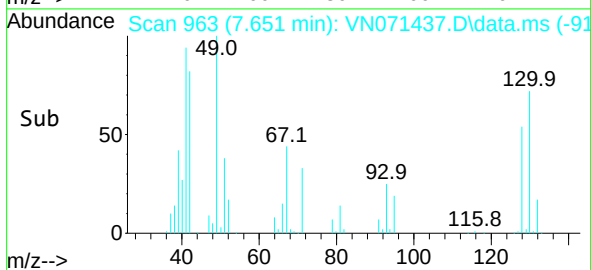
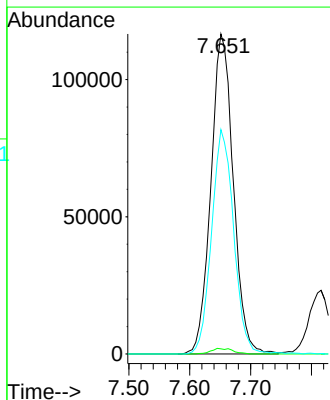
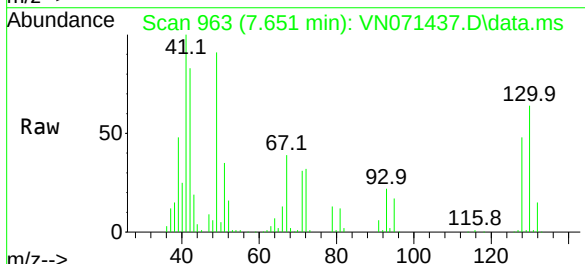
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

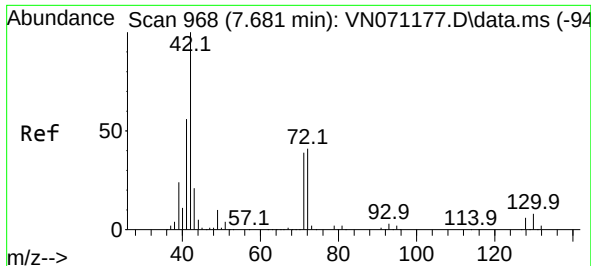
Tgt Ion: 96 Resp: 390119  
 Ion Ratio Lower Upper  
 96 100  
 61 153.1 0.0 275.0  
 98 64.4 0.0 129.6



#28  
 Bromochloromethane  
 Concen: 47.170 ug/l  
 RT: 7.651 min Scan# 963  
 Delta R.T. -0.006 min  
 Lab File: VN071437.D  
 Acq: 21 Mar 2022 23:18

Tgt Ion: 49 Resp: 297868  
 Ion Ratio Lower Upper  
 49 100  
 129 1.7 0.0 4.0  
 130 69.4 67.8 101.8





#29

Tetrahydrofuran

Concen: 263.436 ug/l

RT: 7.681 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

Instrument :

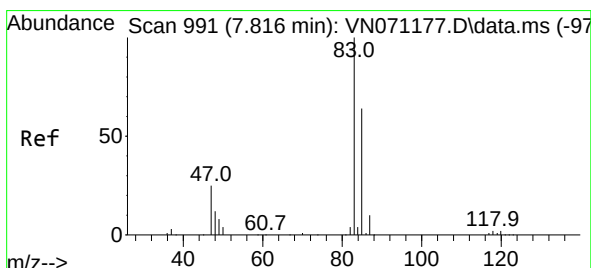
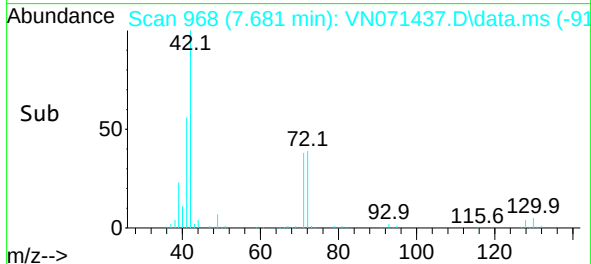
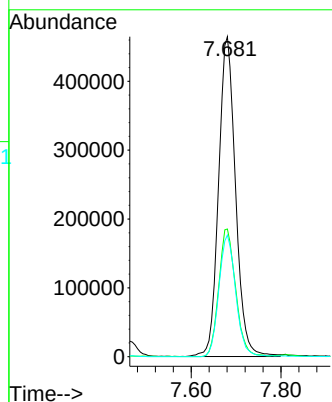
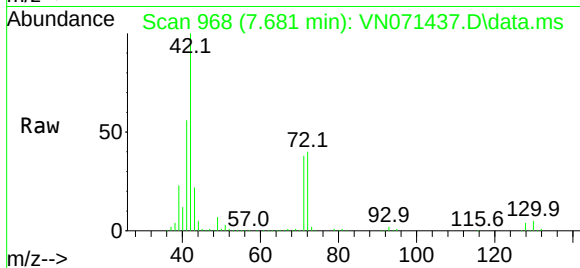
MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 1224721

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 39.7  | 36.3  | 54.5  |
| 71  | 38.0  | 34.7  | 52.1  |



#30

Chloroform

Concen: 48.446 ug/l

RT: 7.816 min Scan# 991

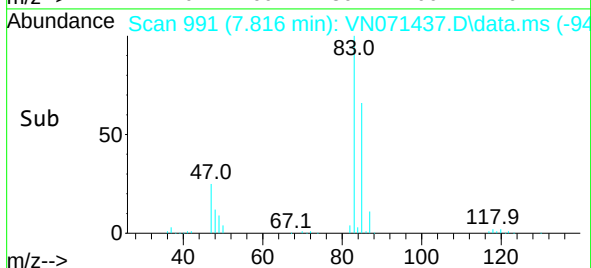
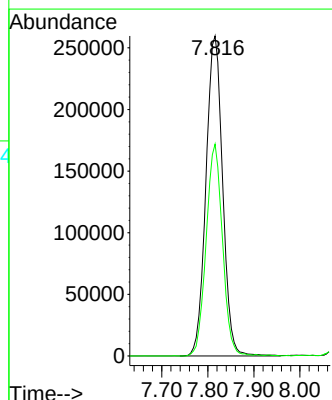
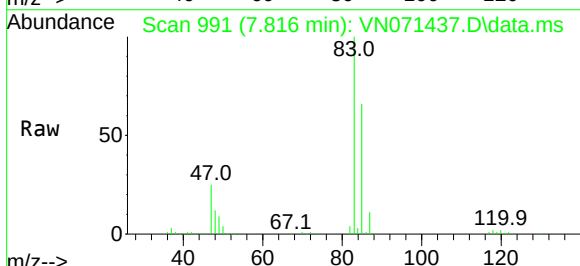
Delta R.T. 0.000 min

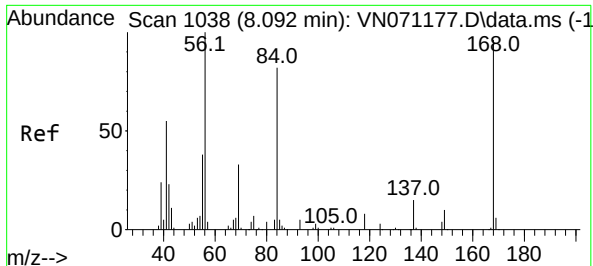
Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

Tgt Ion: 83 Resp: 655222

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 66.2  | 51.9  | 77.9  |

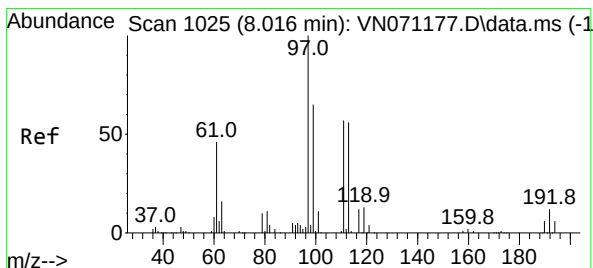
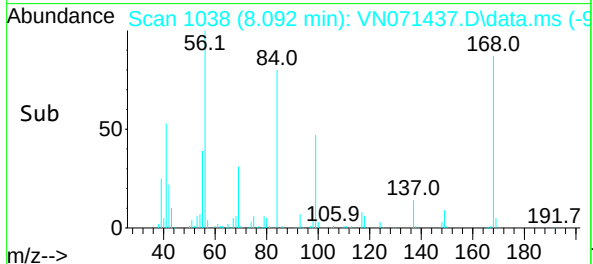
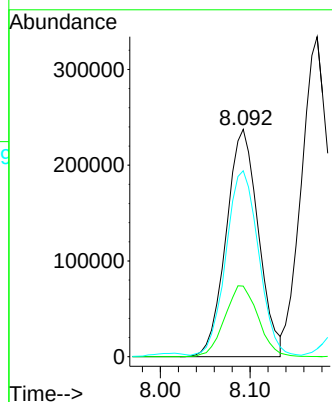
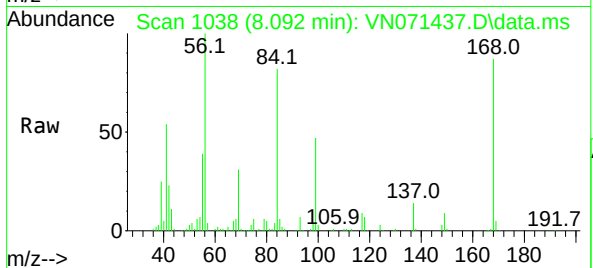




#31  
Cyclohexane  
Concen: 43.298 ug/l  
RT: 8.092 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

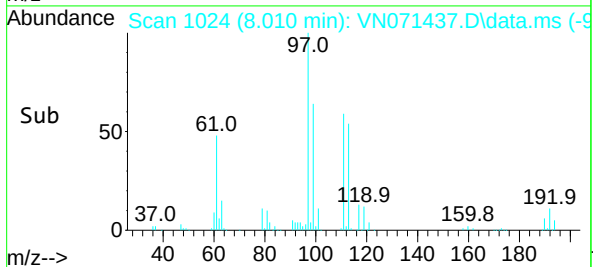
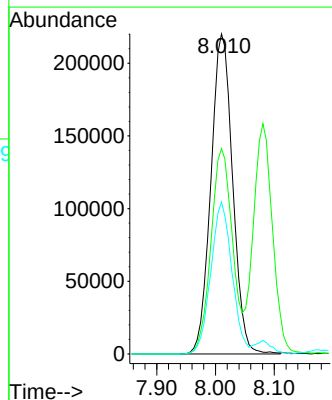
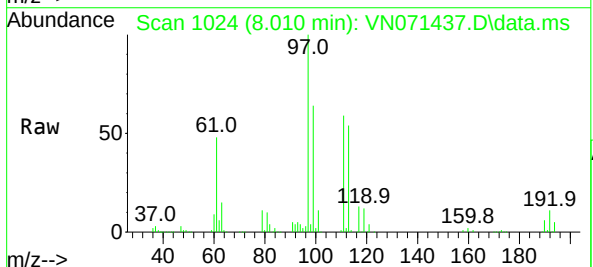
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

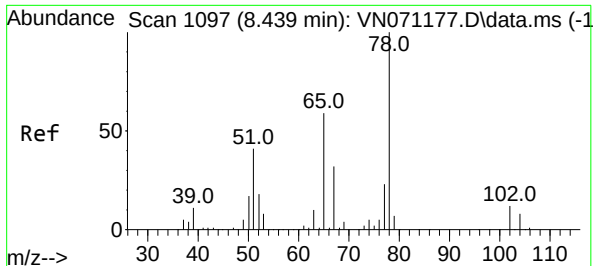
Tgt Ion: 56 Resp: 591980  
Ion Ratio Lower Upper  
56 100  
69 31.1 27.1 40.7  
84 80.3 73.4 110.0



#32  
1,1,1-Trichloroethane  
Concen: 49.093 ug/l  
RT: 8.010 min Scan# 1024  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 97 Resp: 565578  
Ion Ratio Lower Upper  
97 100  
99 63.1 50.1 75.1  
61 46.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.931 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

Instrument :

MSVOA\_N

ClientSampleId :

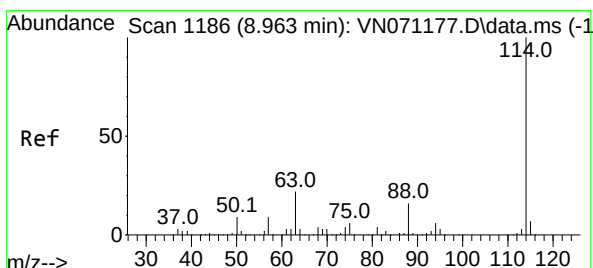
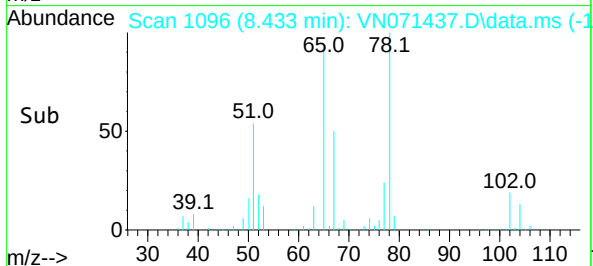
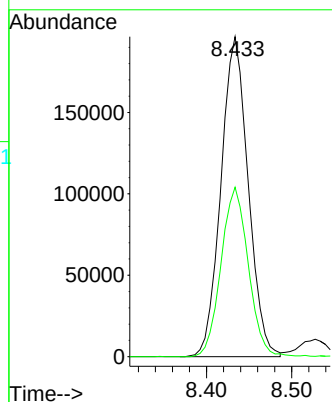
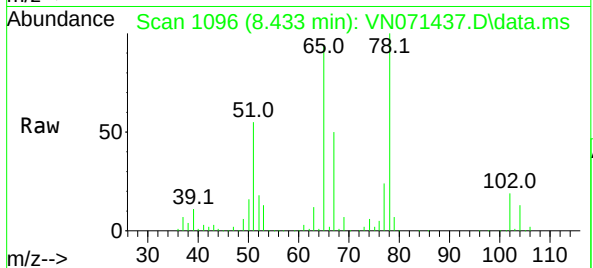
VSTDCCC050

Tgt Ion: 65 Resp: 436058

Ion Ratio Lower Upper

65 100

67 53.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

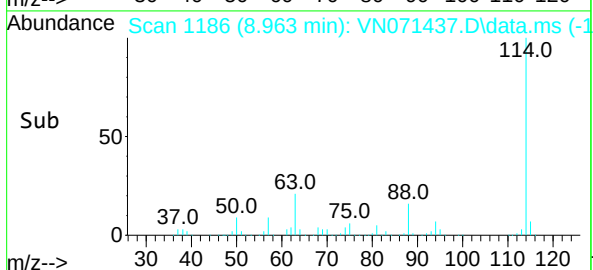
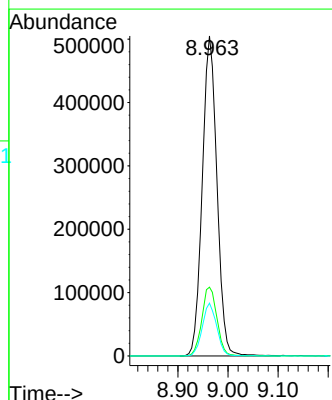
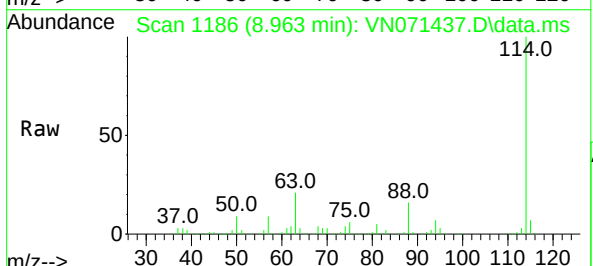
Tgt Ion: 114 Resp: 1027298

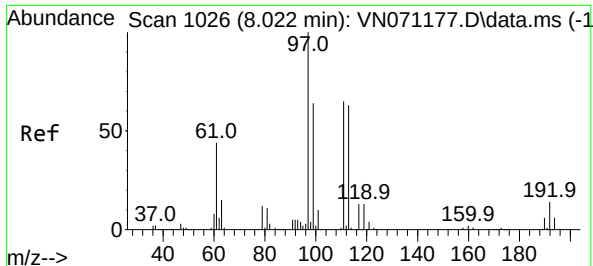
Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.8

88 16.5 0.0 27.4





#35

Dibromofluoromethane

Concen: 51.433 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

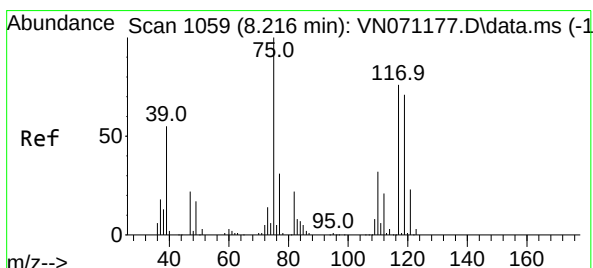
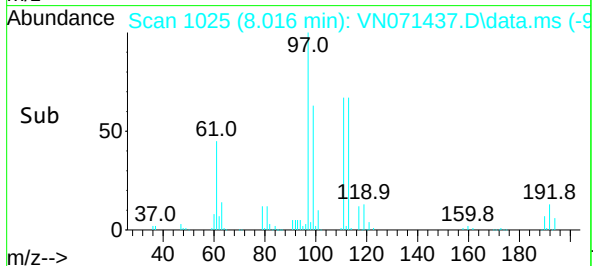
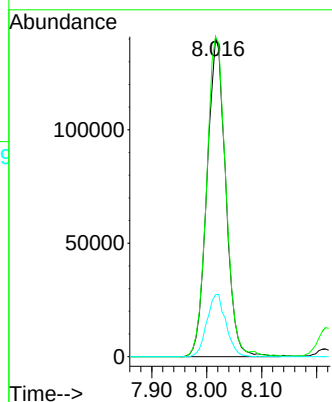
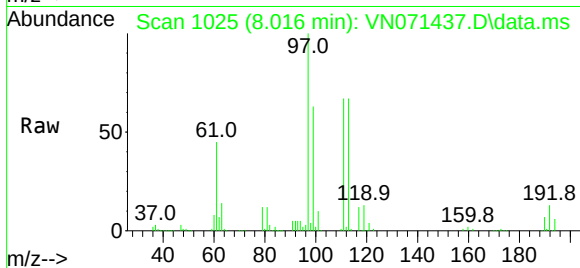
Tgt Ion:113 Resp: 333422

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

192 19.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 45.676 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

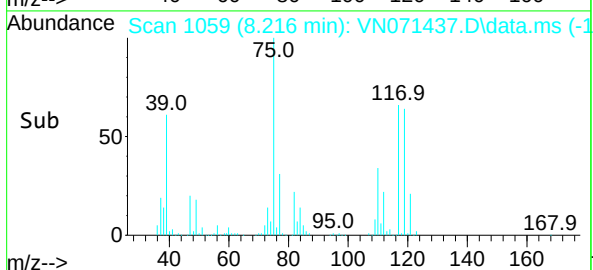
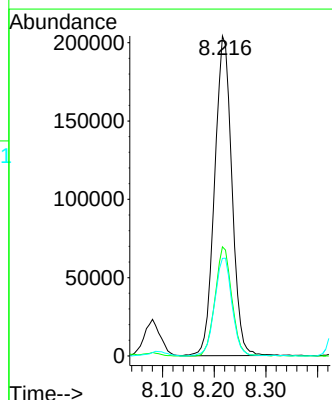
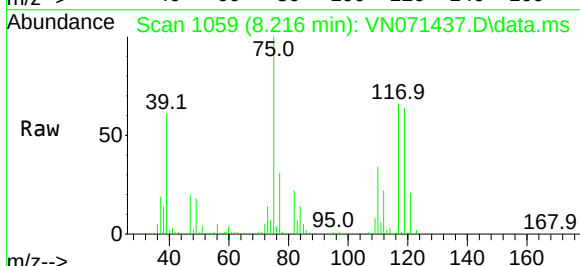
Tgt Ion: 75 Resp: 474416

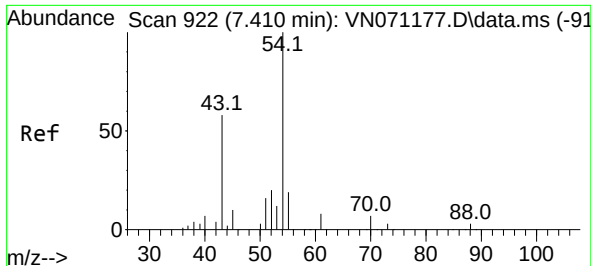
Ion Ratio Lower Upper

75 100

110 33.0 18.4 55.2

77 30.9 24.4 36.6

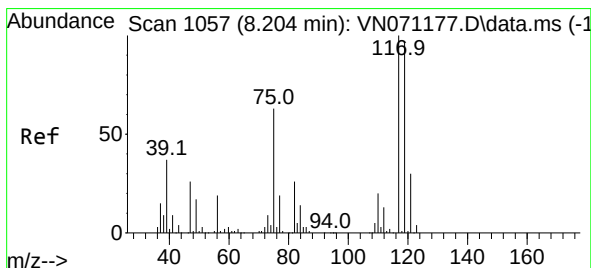
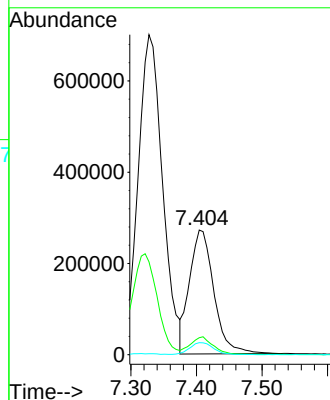
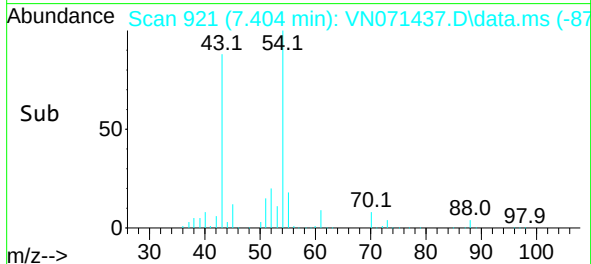
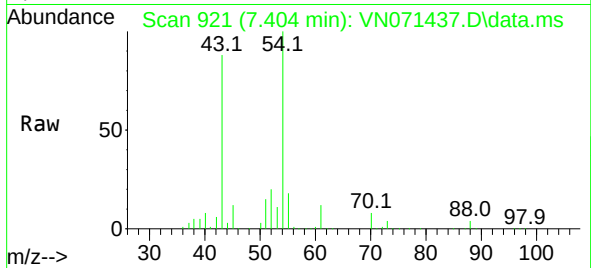




#37  
Ethyl Acetate  
Concen: 49.056 ug/l  
RT: 7.404 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

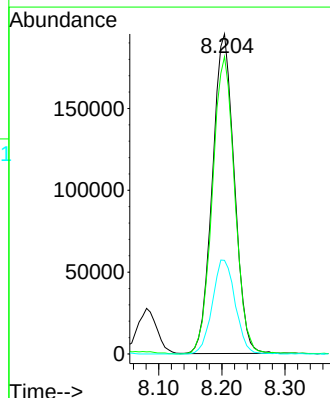
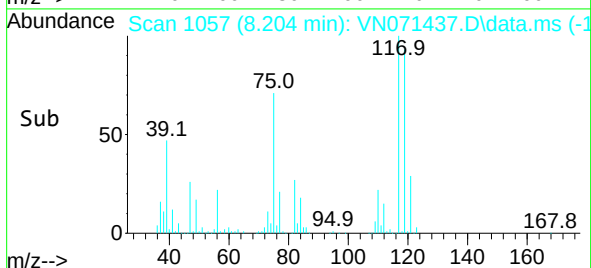
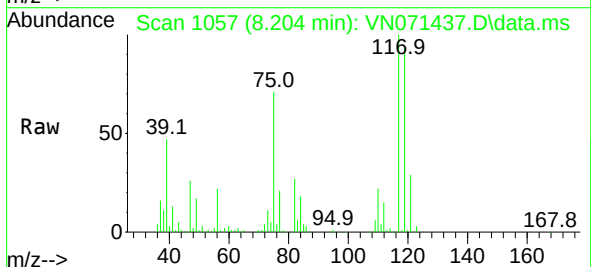
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

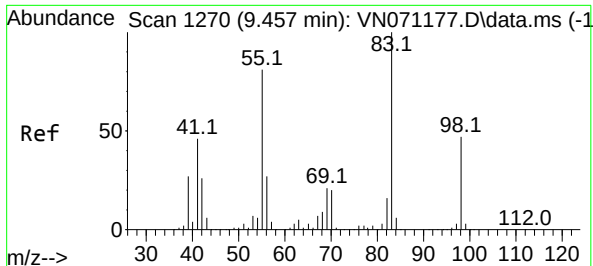
Tgt Ion: 43 Resp: 701226  
Ion Ratio Lower Upper  
43 100  
61 13.3 11.5 17.3  
70 9.6 7.9 11.9



#38  
Carbon Tetrachloride  
Concen: 46.927 ug/l  
RT: 8.204 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 117 Resp: 471454  
Ion Ratio Lower Upper  
117 100  
119 93.1 76.1 114.1  
121 29.3 24.2 36.2





#39

Methylcyclohexane

Concen: 45.960 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

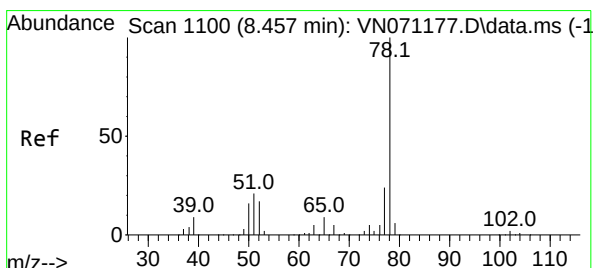
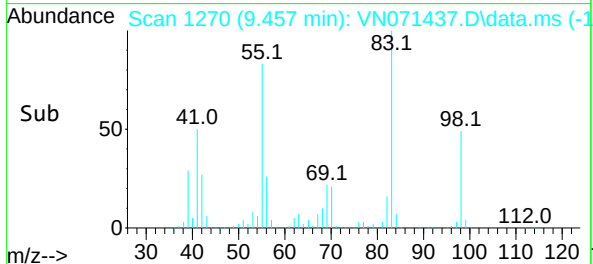
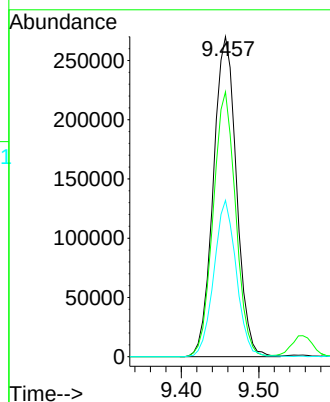
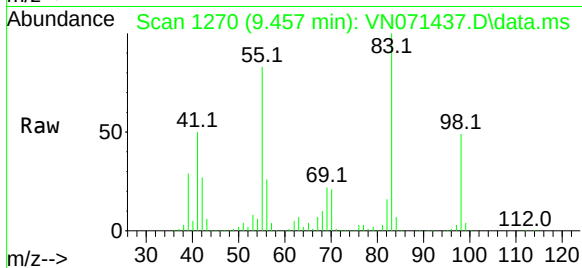
Tgt Ion: 83 Resp: 561574

Ion Ratio Lower Upper

83 100

55 82.8 58.1 87.1

98 48.9 38.4 57.6



#40

Benzene

Concen: 47.373 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071437.D

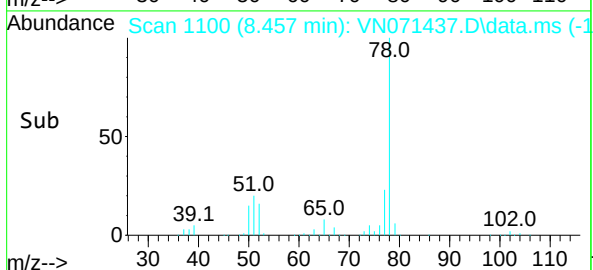
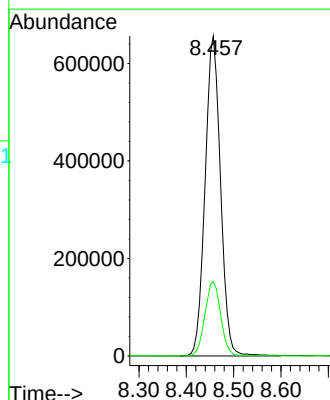
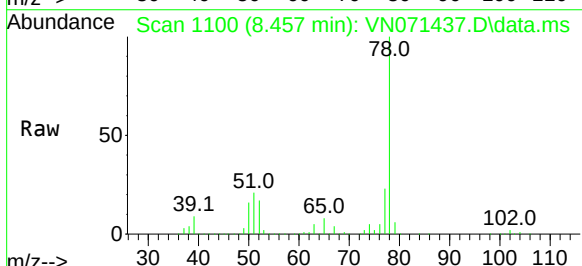
Acq: 21 Mar 2022 23:18

Tgt Ion: 78 Resp: 1482476

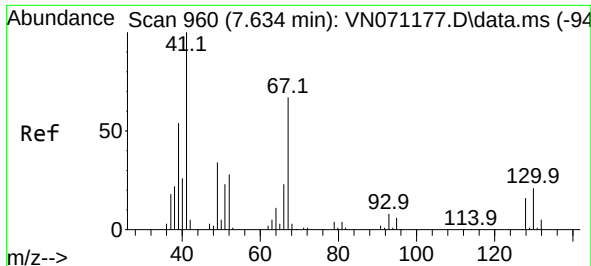
Ion Ratio Lower Upper

78 100

77 23.3 18.6 27.8



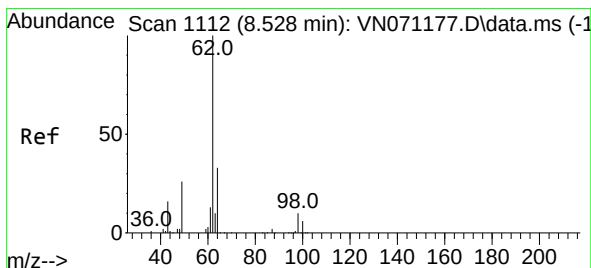
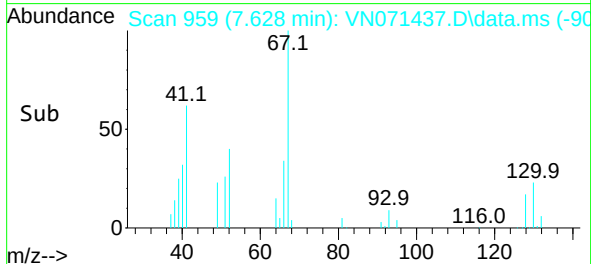
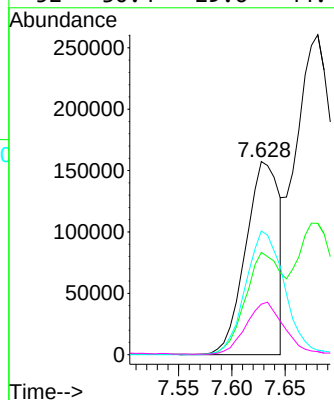
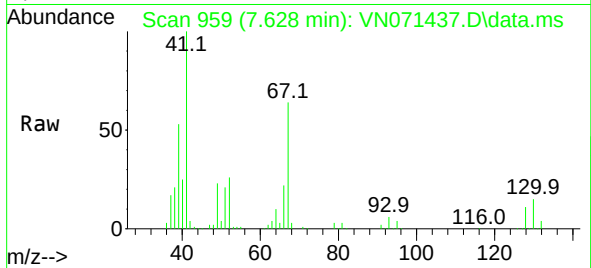




#41  
Methacrylonitrile  
Concen: 49.304 ug/l  
RT: 7.628 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

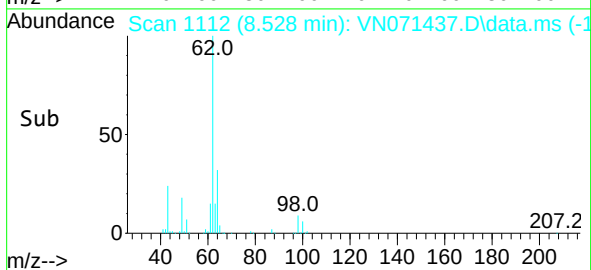
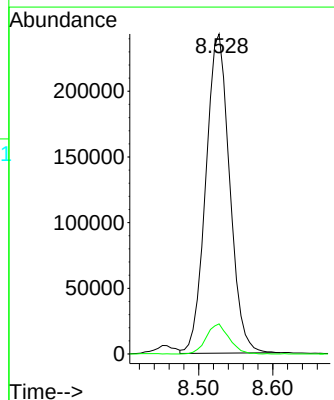
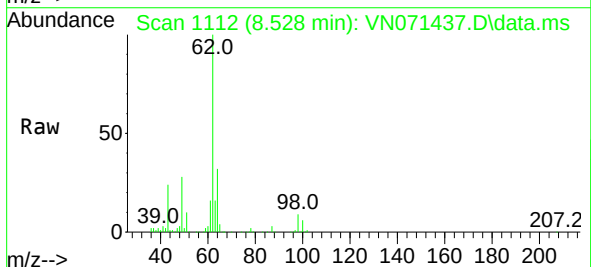
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

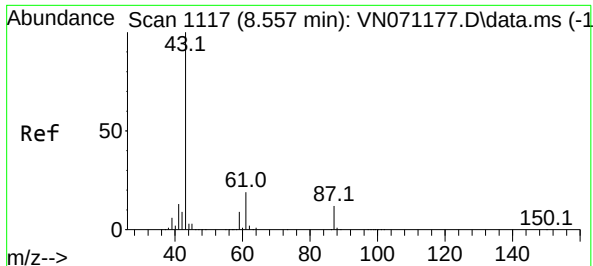
Tgt Ion: 41 Resp: 344901  
Ion Ratio Lower Upper  
41 100  
39 58.8 48.1 72.1  
67 75.6 68.3 102.5  
52 30.4 29.6 44.4



#42  
1,2-Dichloroethane  
Concen: 49.881 ug/l  
RT: 8.528 min Scan# 1112  
Delta R.T. -0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 62 Resp: 543192  
Ion Ratio Lower Upper  
62 100  
98 9.0 0.0 17.6

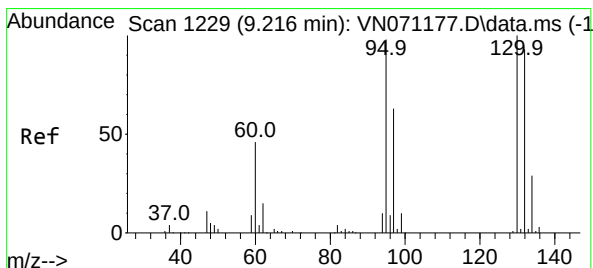
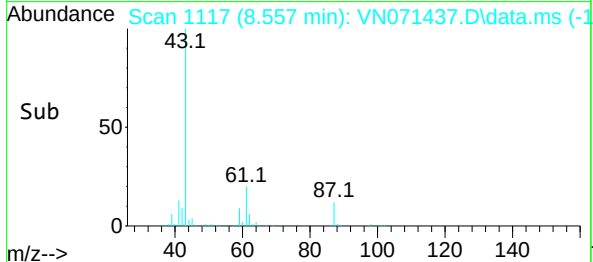
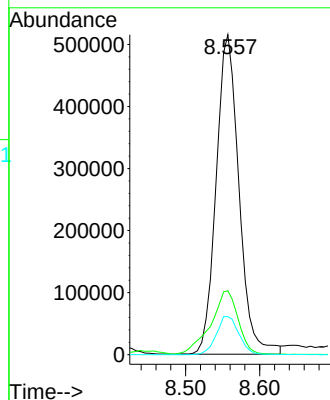
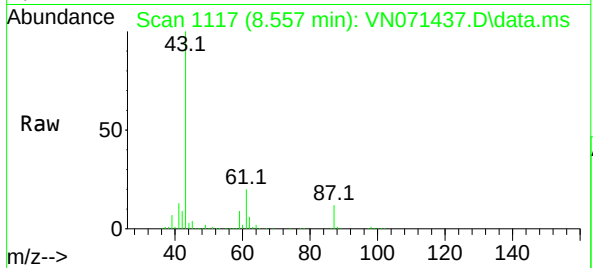




#43  
Isopropyl Acetate  
Concen: 51.575 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. -0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

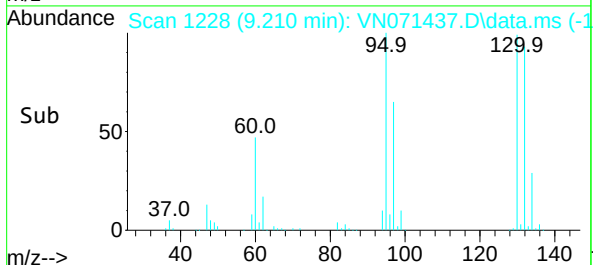
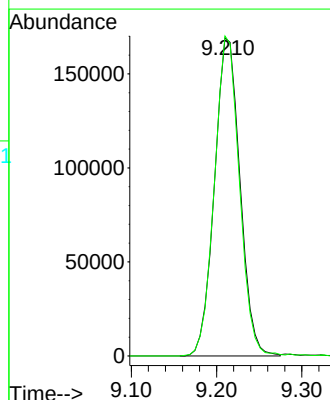
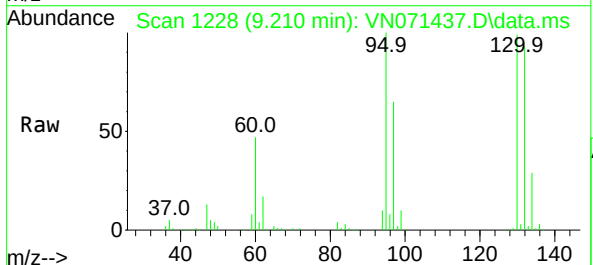
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

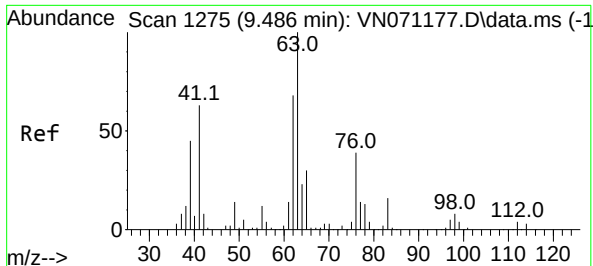
Tgt Ion: 43 Resp: 1102461  
Ion Ratio Lower Upper  
43 100  
61 24.1 20.4 30.6  
87 11.9 11.2 16.8



#44  
Trichloroethene  
Concen: 47.582 ug/l  
RT: 9.210 min Scan# 1228  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion:130 Resp: 351335  
Ion Ratio Lower Upper  
130 100  
95 100.6 0.0 191.2





#45

1,2-Dichloropropane

Concen: 48.317 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

Instrument :

MSVOA\_N

ClientSampleId :

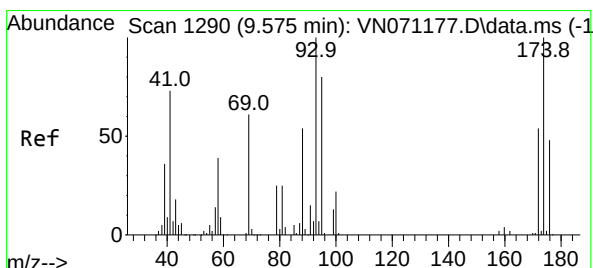
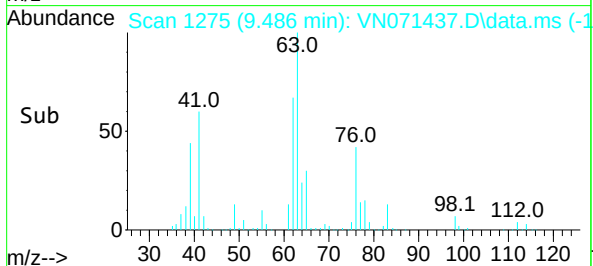
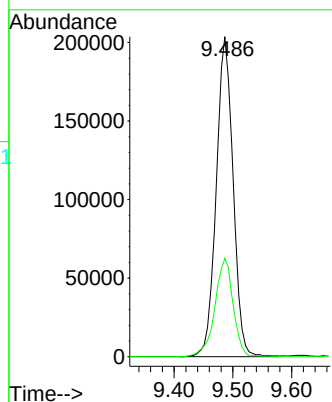
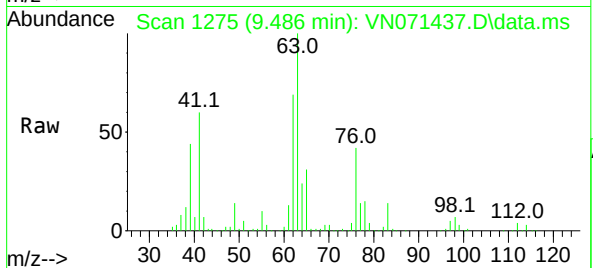
VSTDCCC050

Tgt Ion: 63 Resp: 405892

Ion Ratio Lower Upper

63 100

65 30.7 24.7 37.1



#46

Dibromomethane

Concen: 48.993 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

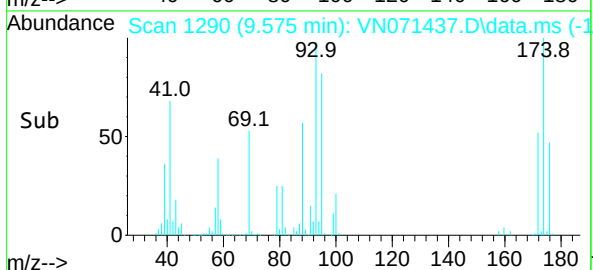
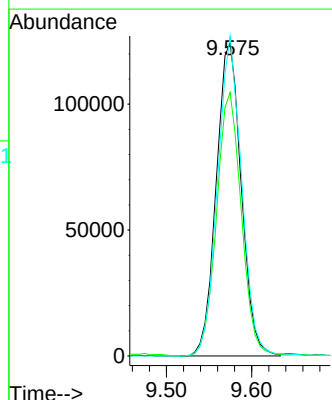
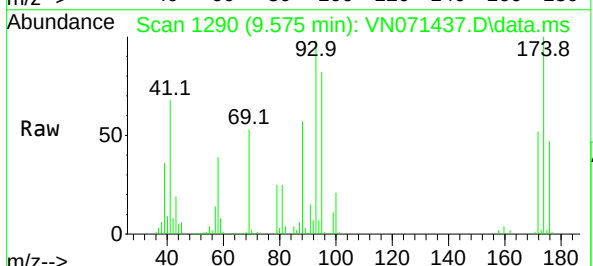
Tgt Ion: 93 Resp: 253316

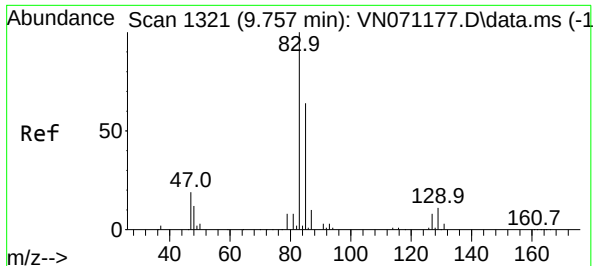
Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

174 98.8 84.6 127.0

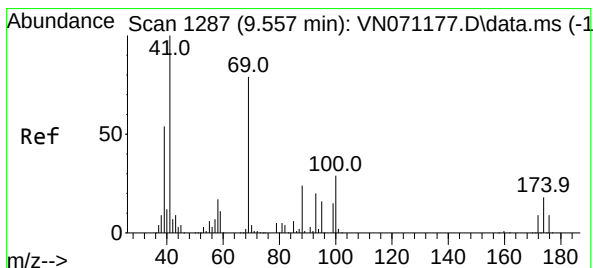
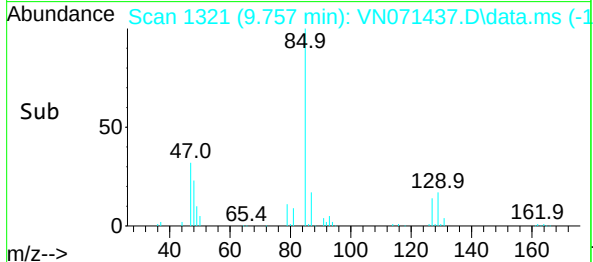
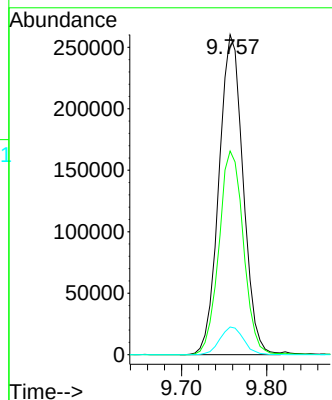
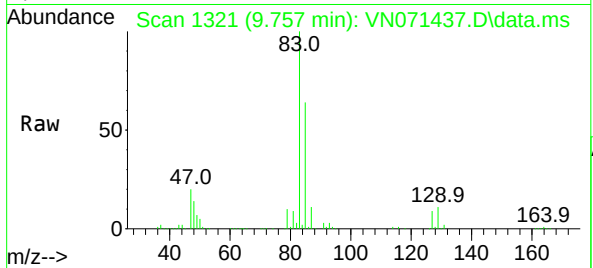




#47  
Bromodichloromethane  
Concen: 49.150 ug/l  
RT: 9.757 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

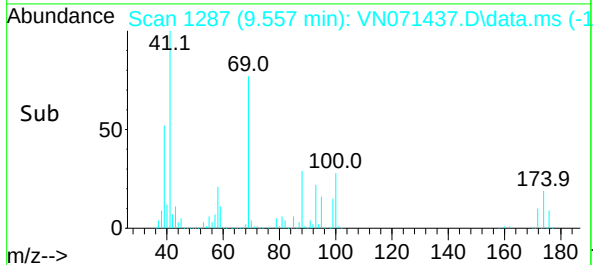
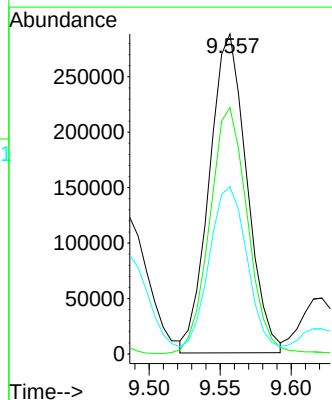
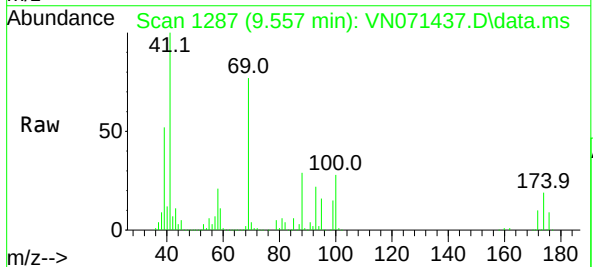
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

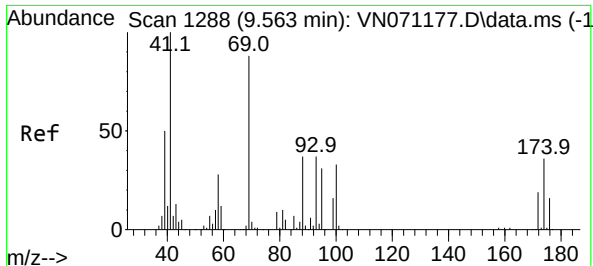
Tgt Ion: 83 Resp: 513571  
Ion Ratio Lower Upper  
83 100  
85 63.7 50.9 76.3  
127 8.7 7.1 10.7



#48  
Methyl methacrylate  
Concen: 53.257 ug/l  
RT: 9.557 min Scan# 1287  
Delta R.T. -0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 41 Resp: 527571  
Ion Ratio Lower Upper  
41 100  
69 78.3 72.4 108.6  
39 54.0 58.4 87.6#





#49

1,4-Dioxane

Concen: 1162.513 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

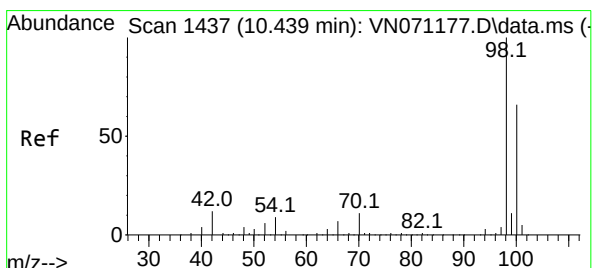
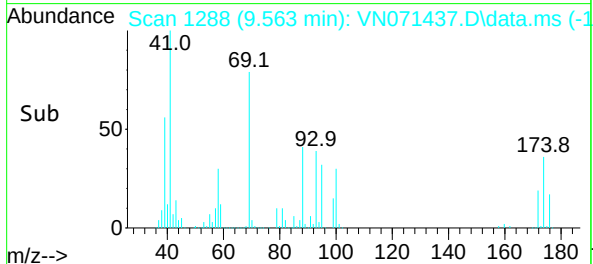
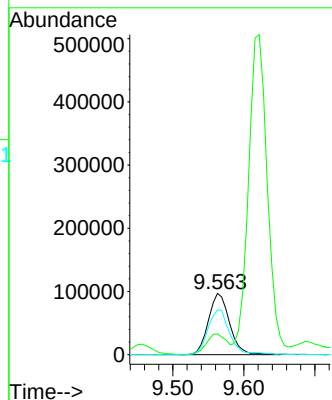
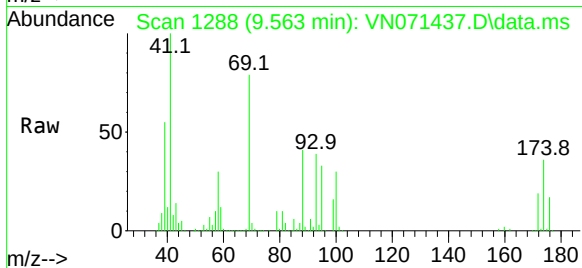
Tgt Ion: 88 Resp: 200172

Ion Ratio Lower Upper

88 100

43 31.6 23.4 35.2

58 76.0 50.6 75.8#



#50

Toluene-d8

Concen: 50.272 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071437.D

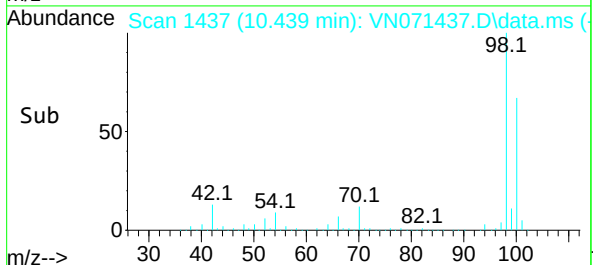
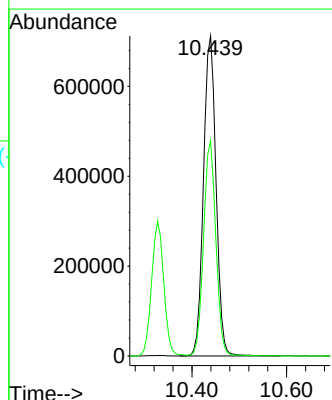
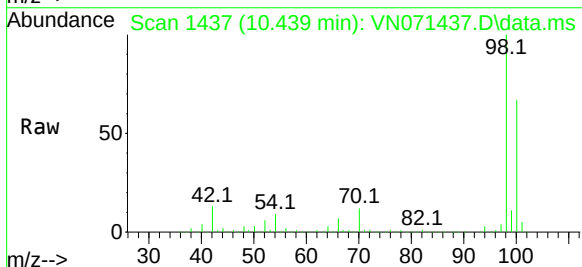
Acq: 21 Mar 2022 23:18

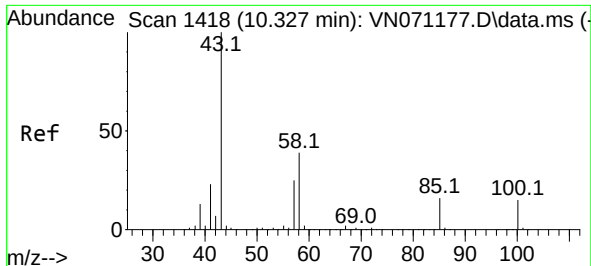
Tgt Ion: 98 Resp: 1312150

Ion Ratio Lower Upper

98 100

100 65.9 50.4 75.6

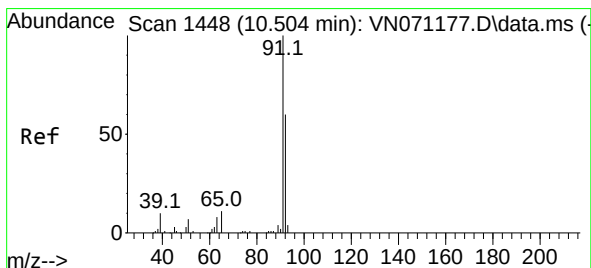
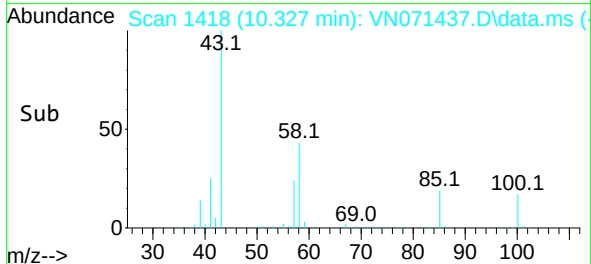
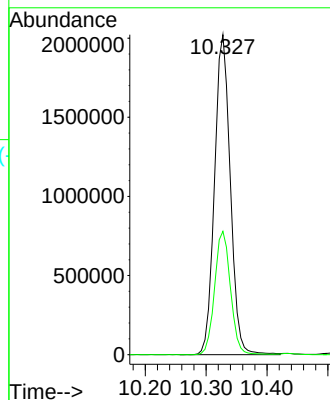
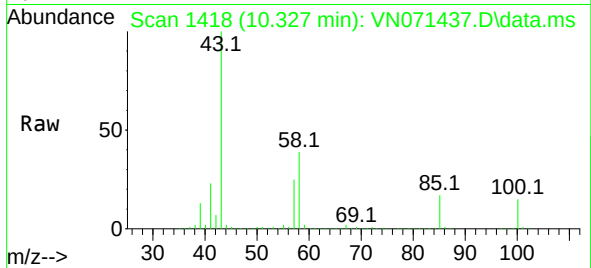




#51  
4-Methyl-2-Pentanone  
Concen: 274.825 ug/l  
RT: 10.327 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

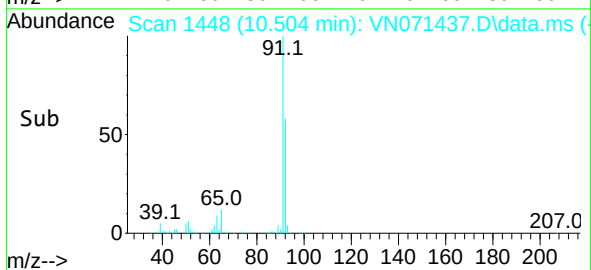
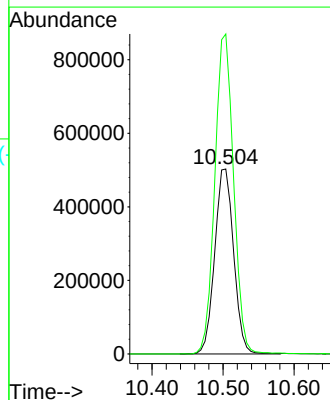
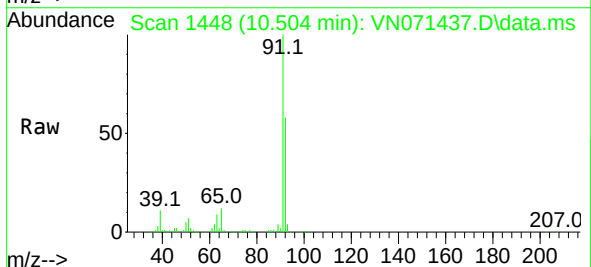
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

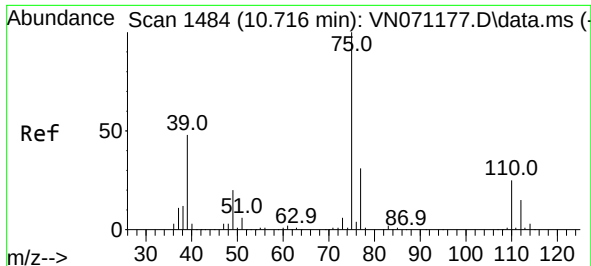
Tgt Ion: 43 Resp: 3645862  
Ion Ratio Lower Upper  
43 100  
58 38.8 30.4 45.6



#52  
Toluene  
Concen: 48.261 ug/l  
RT: 10.504 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 92 Resp: 929987  
Ion Ratio Lower Upper  
92 100  
91 171.6 142.0 213.0

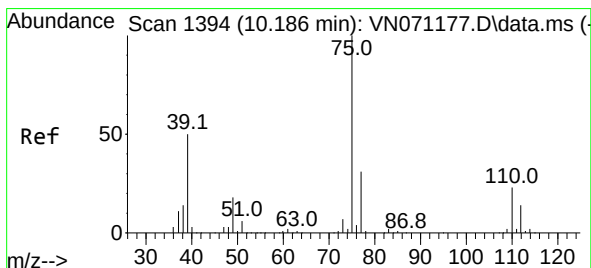
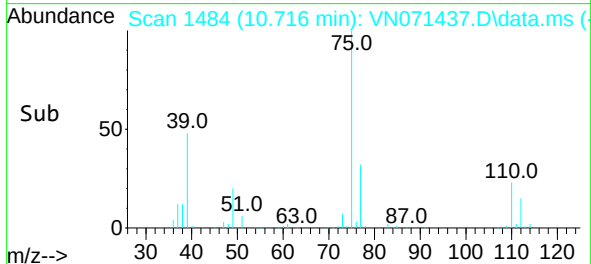
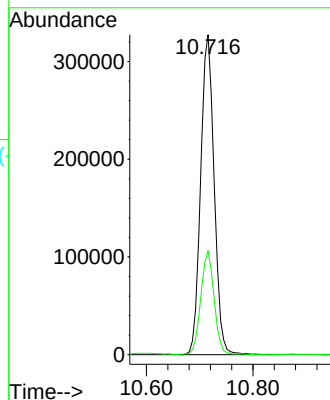
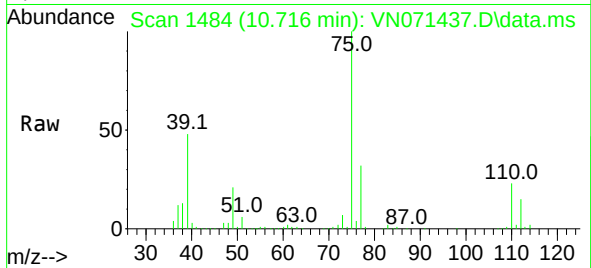




#53  
t-1,3-Dichloropropene  
Concen: 49.948 ug/l  
RT: 10.716 min Scan# 1484  
Delta R.T. -0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

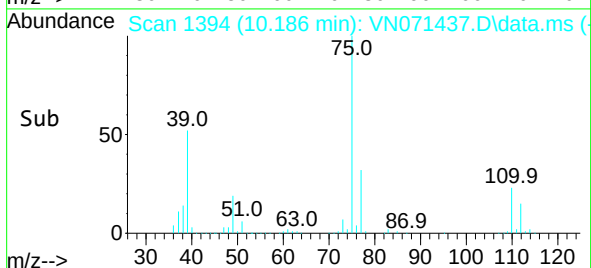
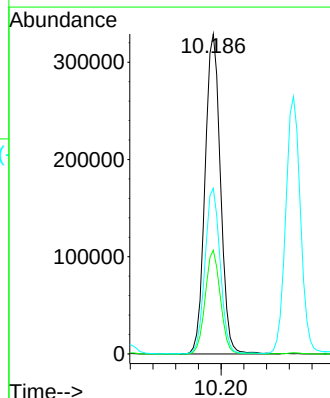
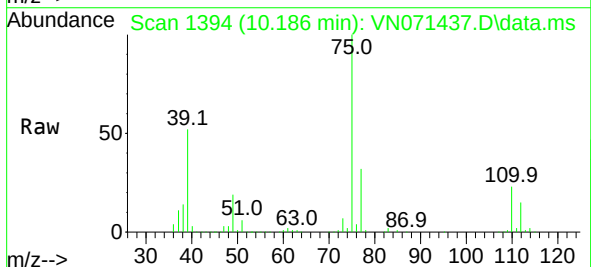
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

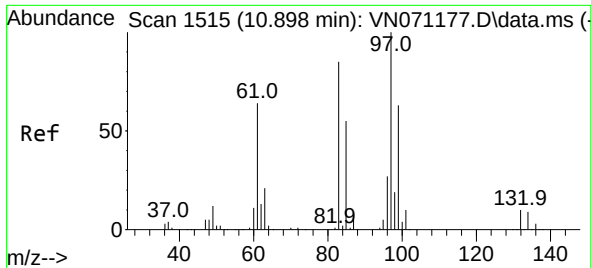
Tgt Ion: 75 Resp: 575316  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 49.222 ug/l  
RT: 10.186 min Scan# 1394  
Delta R.T. 0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 75 Resp: 619490  
Ion Ratio Lower Upper  
75 100  
77 32.4 26.4 39.6  
39 51.6 42.5 63.7

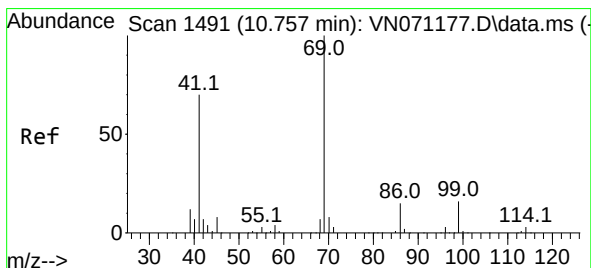
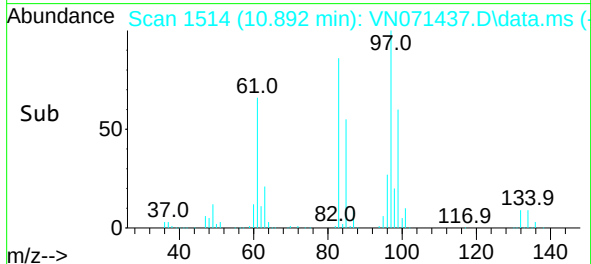
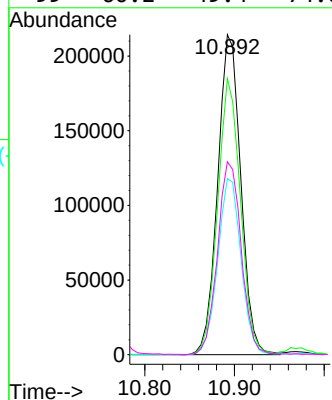
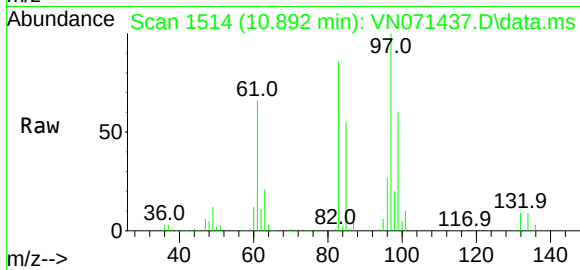




#55  
1,1,2-Trichloroethane  
Concen: 49.715 ug/l  
RT: 10.892 min Scan# 1514  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

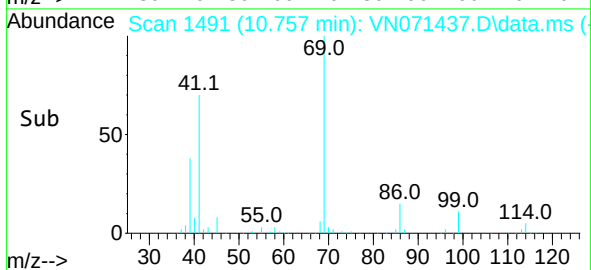
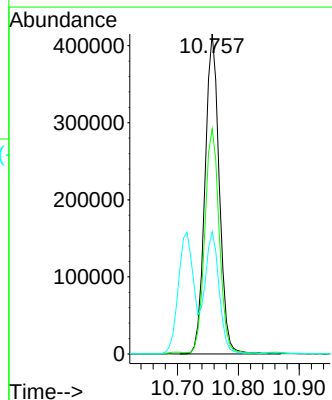
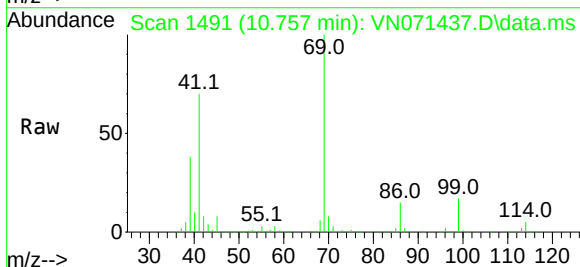
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 383885  
Ion Ratio Lower Upper  
97 100  
83 86.2 67.8 101.6  
85 55.0 45.4 68.2  
99 60.2 49.4 74.0

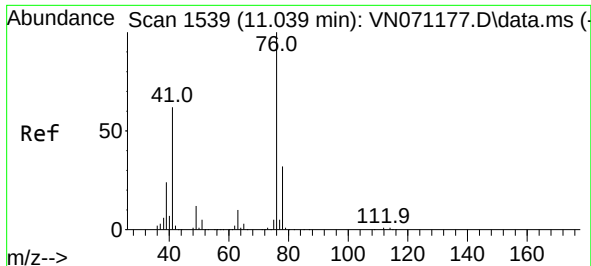


#56  
Ethyl methacrylate  
Concen: 53.766 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. -0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 69 Resp: 677994  
Ion Ratio Lower Upper  
69 100  
41 70.7 51.4 77.0  
39 37.7 34.6 52.0







#57

1,3-Dichloropropane

Concen: 49.385 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

Instrument :

MSVOA\_N

ClientSampleId :

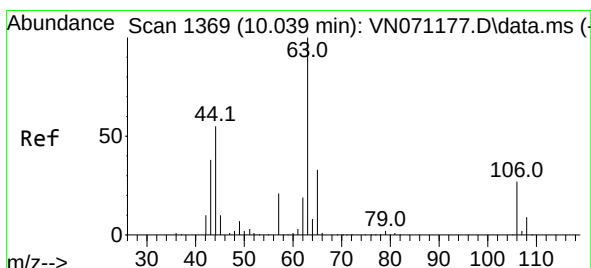
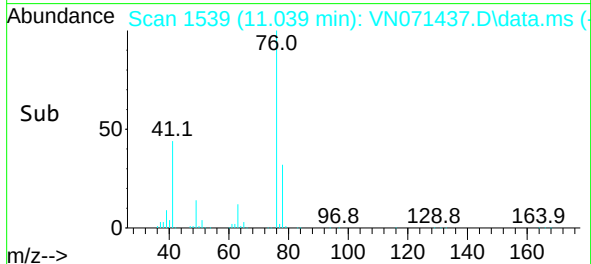
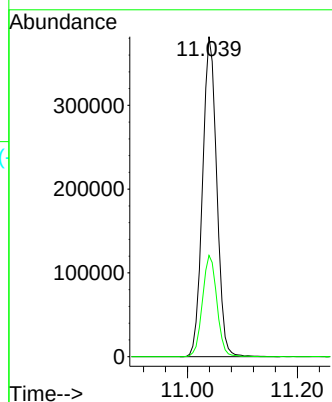
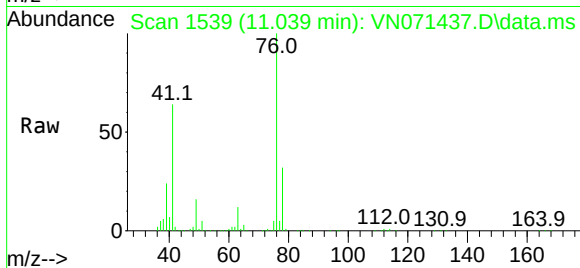
VSTDCCC050

Tgt Ion: 76 Resp: 684483

Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 296.593 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN071437.D

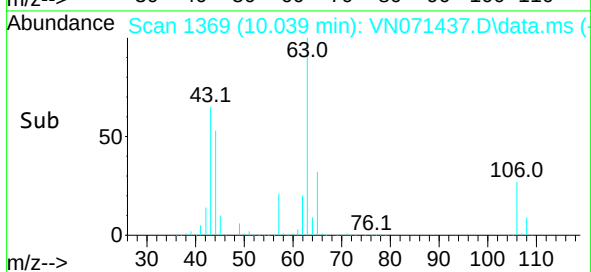
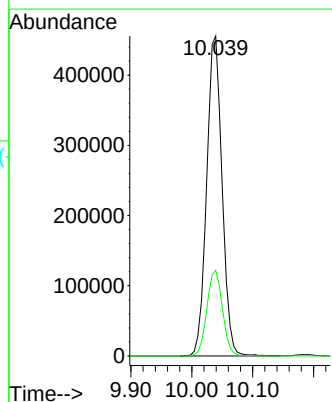
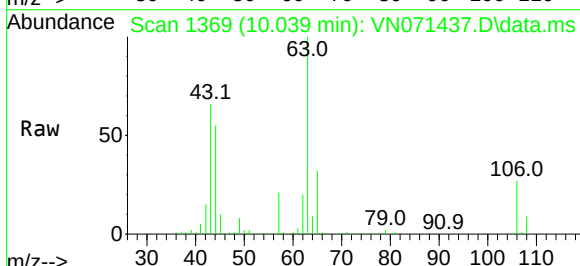
Acq: 21 Mar 2022 23:18

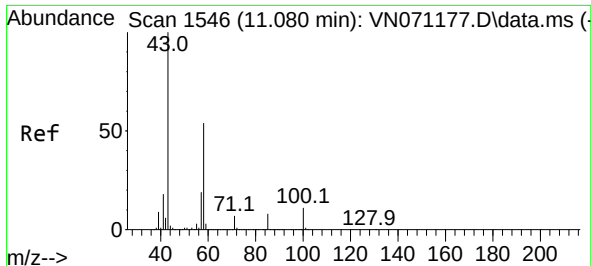
Tgt Ion: 63 Resp: 801258

Ion Ratio Lower Upper

63 100

106 27.1 23.9 35.9

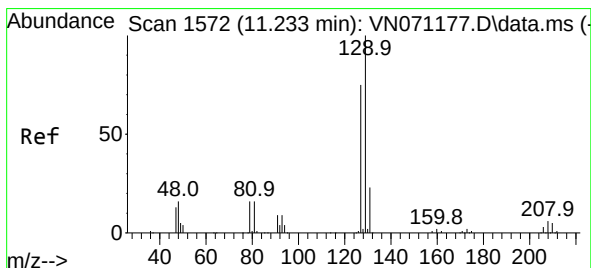
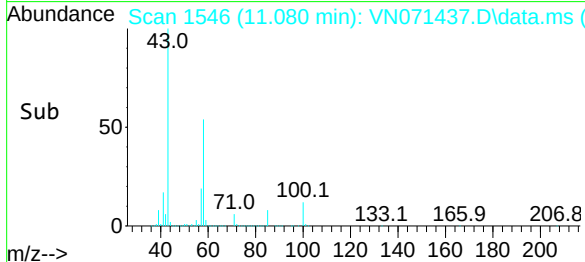
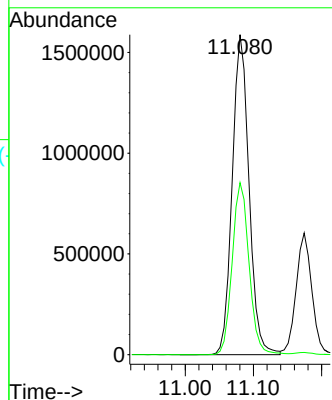
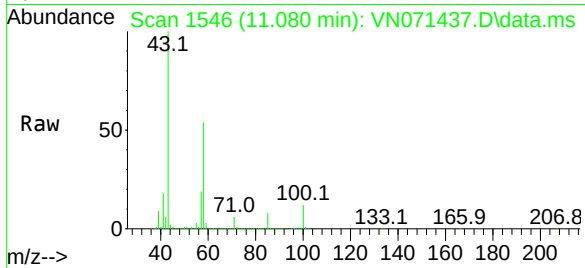




#59  
2-Hexanone  
Concen: 300.177 ug/l  
RT: 11.080 min Scan# 1546  
Delta R.T. 0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

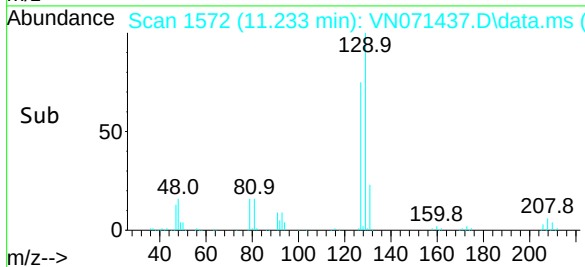
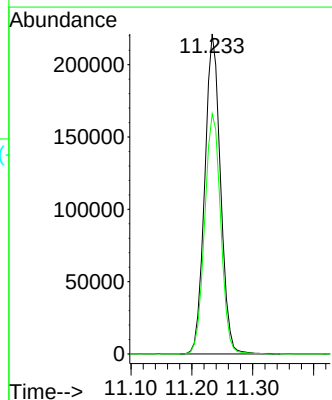
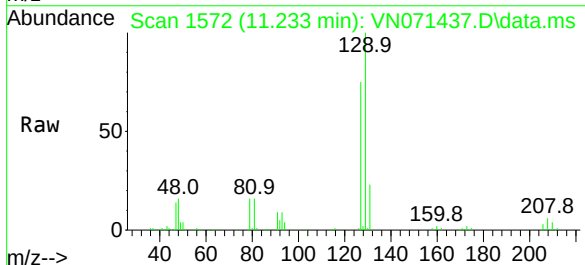
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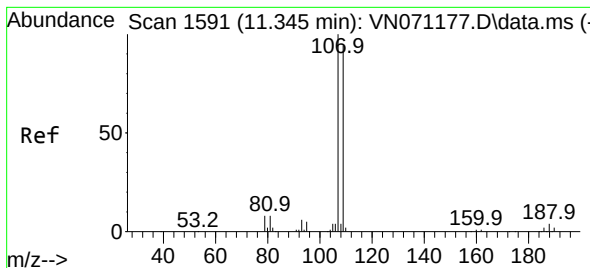
Tgt Ion: 43 Resp: 2717084  
Ion Ratio Lower Upper  
43 100  
58 54.1 26.9 80.7



#60  
Dibromochloromethane  
Concen: 51.699 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 129 Resp: 396653  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.6 116.0

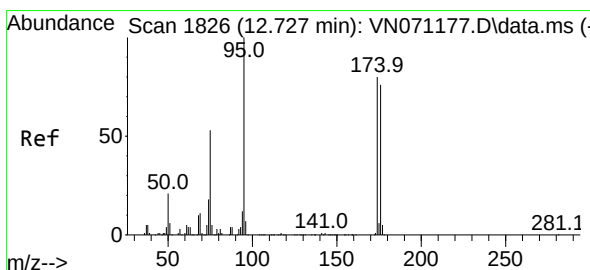
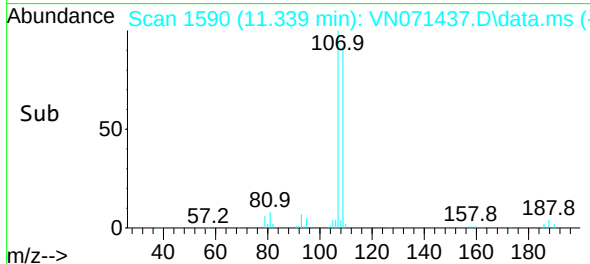
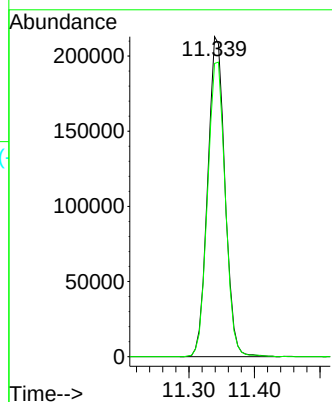
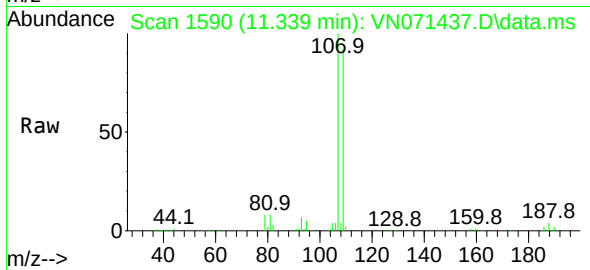




#61  
1,2-Dibromoethane  
Concen: 49.395 ug/l  
RT: 11.339 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

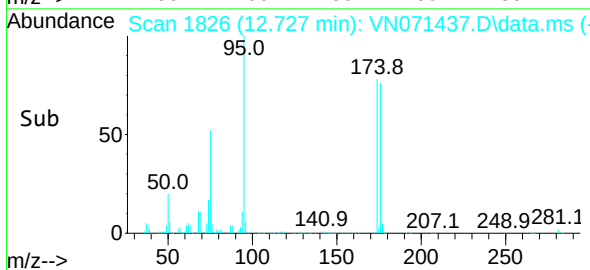
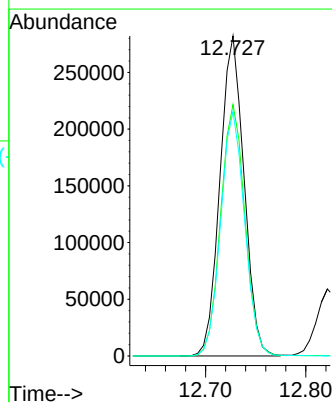
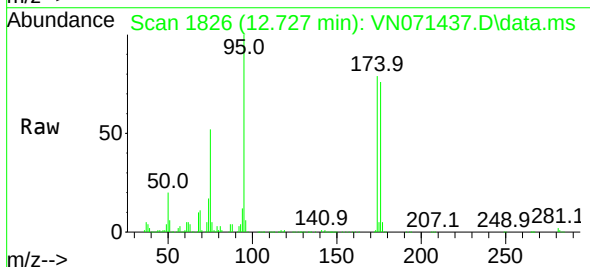
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

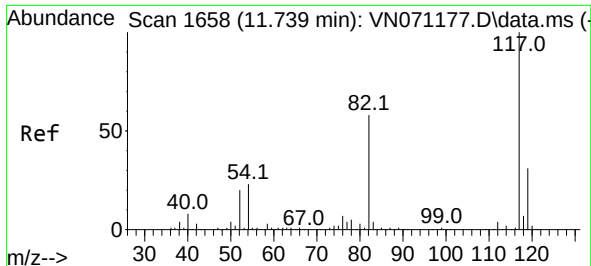
Tgt Ion:107 Resp: 389824  
Ion Ratio Lower Upper  
107 100  
109 94.5 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 53.162 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 95 Resp: 469865  
Ion Ratio Lower Upper  
95 100  
174 79.3 0.0 187.2  
176 76.2 0.0 181.4

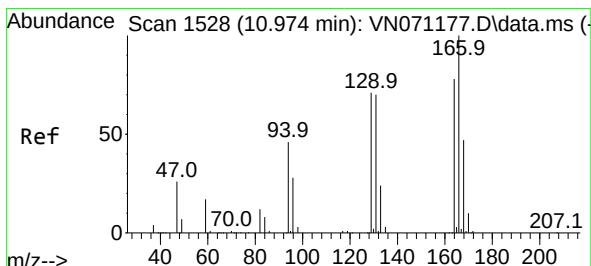
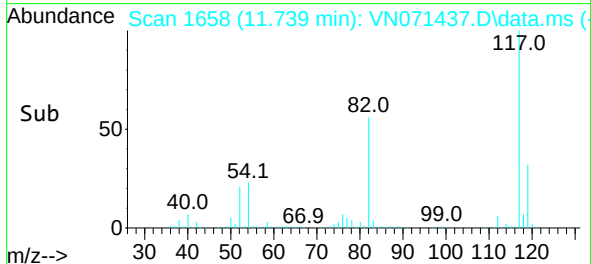
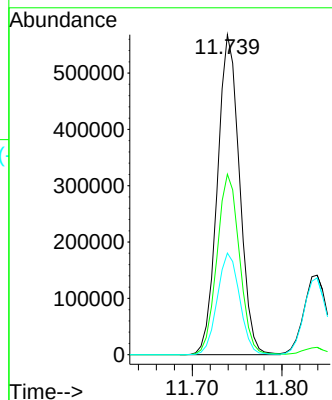
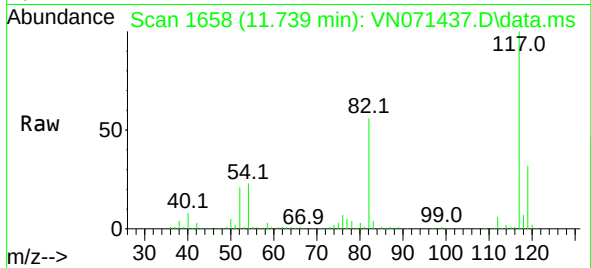




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

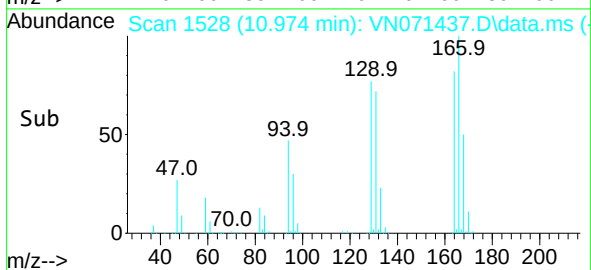
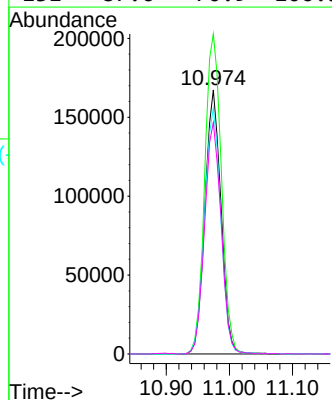
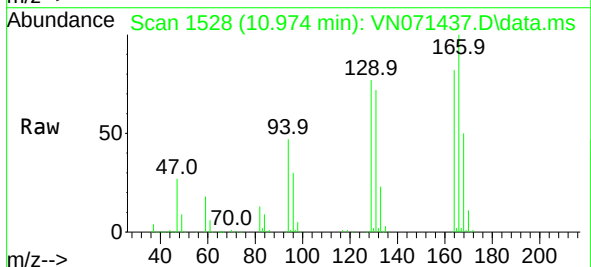
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

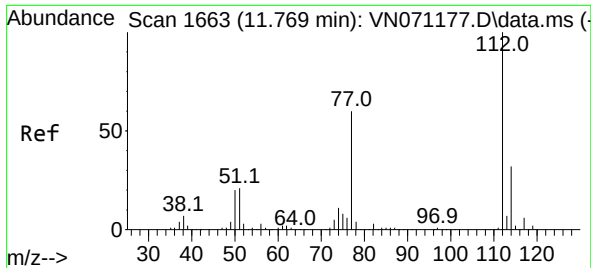
Tgt Ion:117 Resp: 973213  
Ion Ratio Lower Upper  
117 100  
82 56.4 42.4 63.6  
119 31.8 25.4 38.2



#64  
Tetrachloroethene  
Concen: 43.671 ug/l  
RT: 10.974 min Scan# 1528  
Delta R.T. 0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion:164 Resp: 296418  
Ion Ratio Lower Upper  
164 100  
166 121.2 101.9 152.9  
129 93.0 72.0 108.0  
131 87.6 70.9 106.3

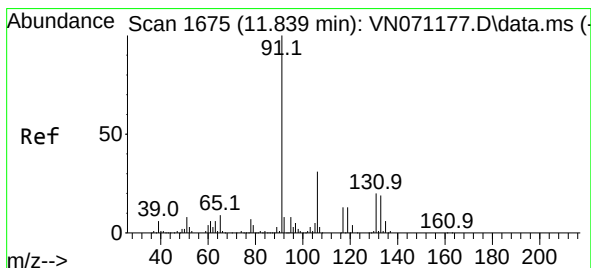
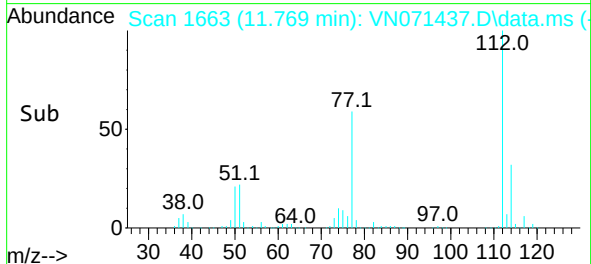
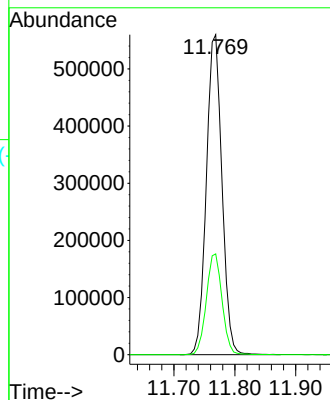
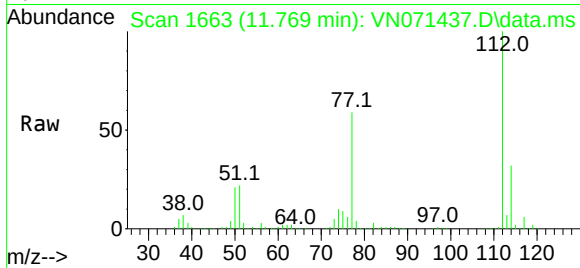




#65  
Chlorobenzene  
Concen: 47.641 ug/l  
RT: 11.769 min Scan# 1663  
Delta R.T. -0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

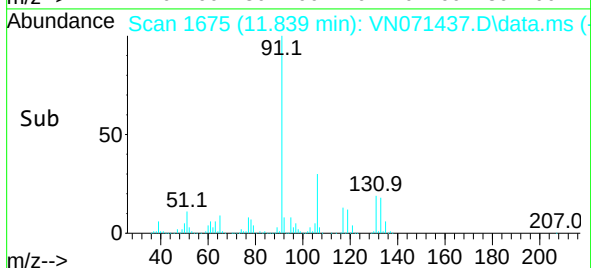
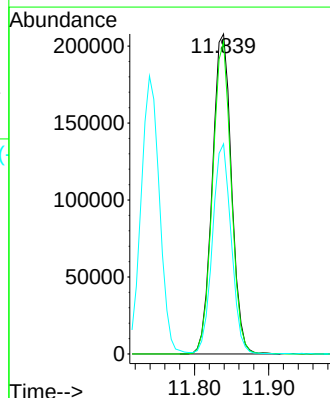
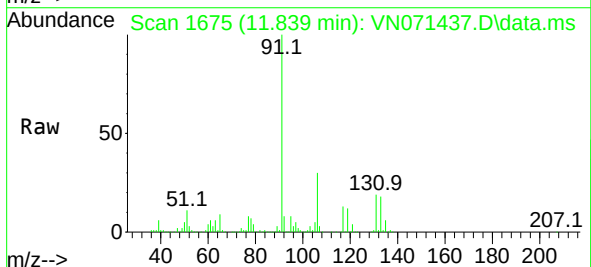
Instrument :  
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ClientSampleId :  
VSTDCCC050

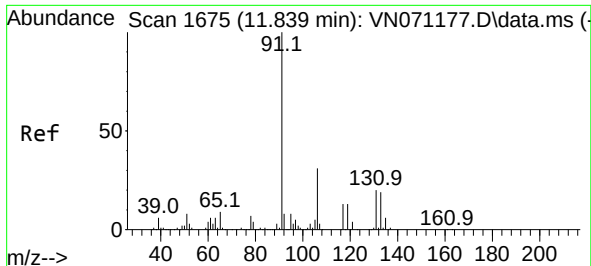
Tgt Ion:112 Resp: 995712  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.692 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion:131 Resp: 373158  
Ion Ratio Lower Upper  
131 100  
133 94.7 47.9 143.7  
119 64.4 32.1 96.5

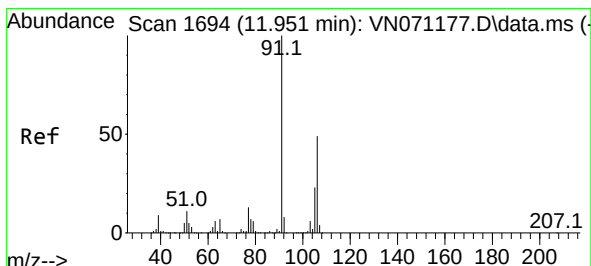
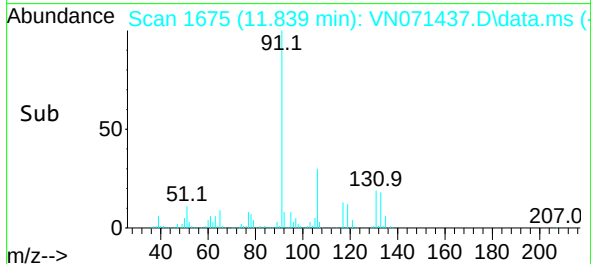
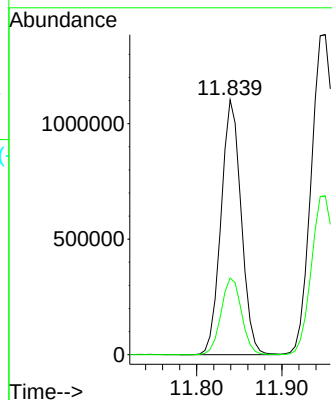
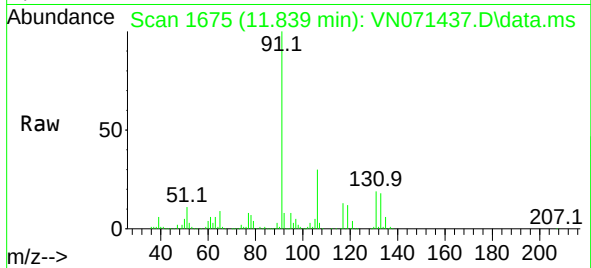




#67  
Ethyl Benzene  
Concen: 49.164 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

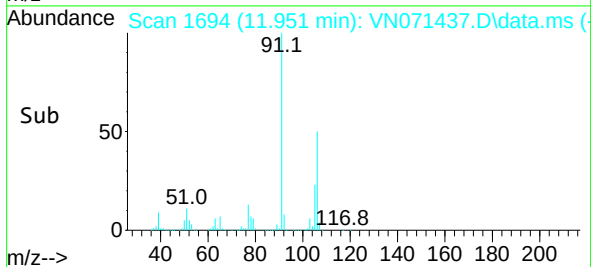
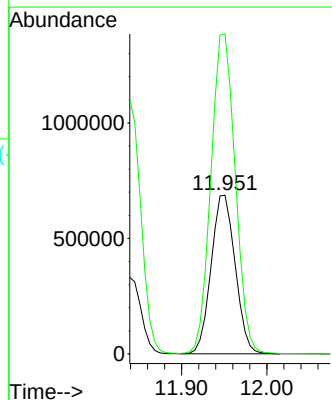
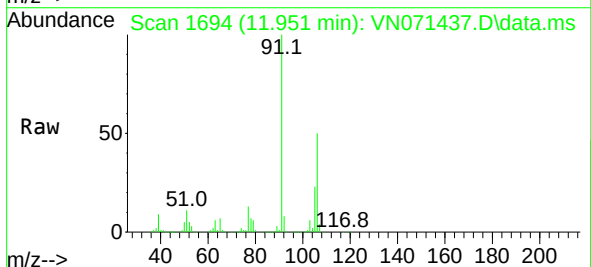
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

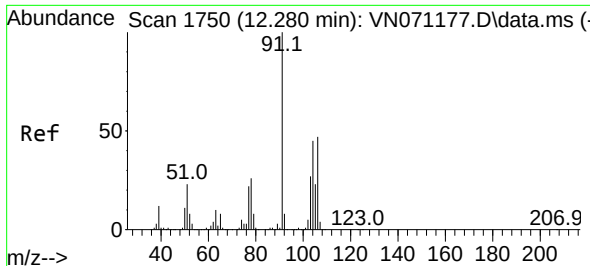
Tgt Ion: 91 Resp: 1816809  
Ion Ratio Lower Upper  
91 100  
106 30.0 25.7 38.5



#68  
m/p-Xylenes  
Concen: 99.630 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion:106 Resp: 1346893  
Ion Ratio Lower Upper  
106 100  
91 204.7 160.6 240.8

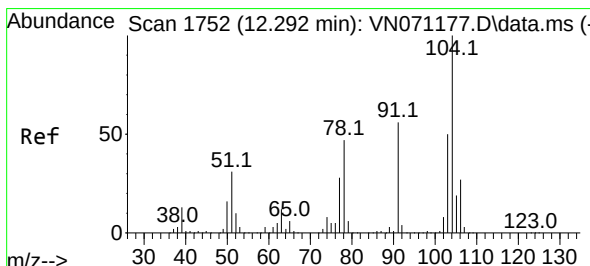
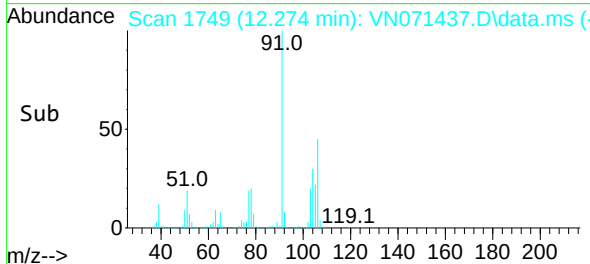
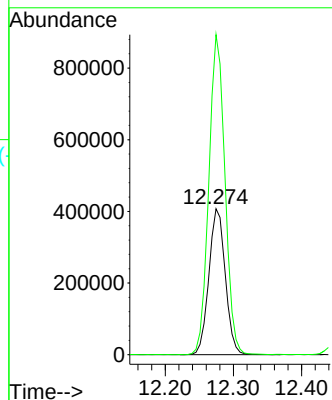
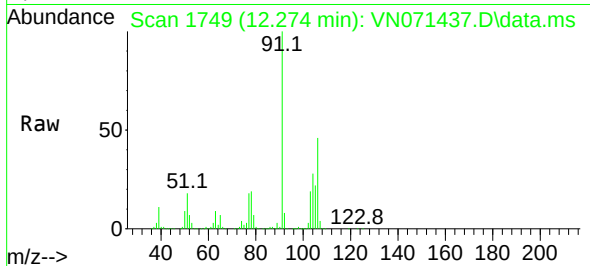




#69  
o-Xylene  
Concen: 50.358 ug/l  
RT: 12.274 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

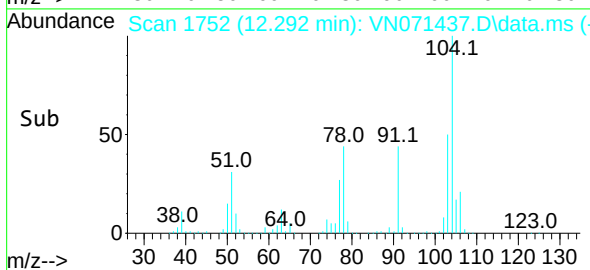
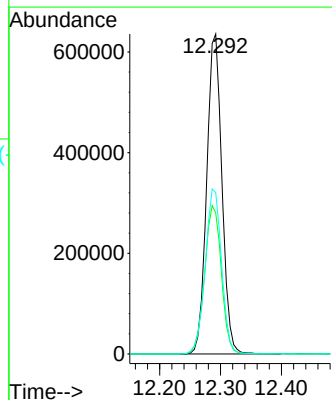
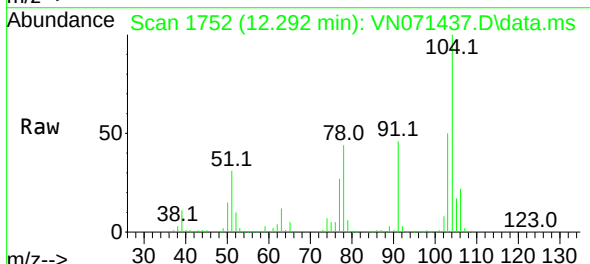
Instrument :  
MSVOA\_N  
ClientSampleId :  
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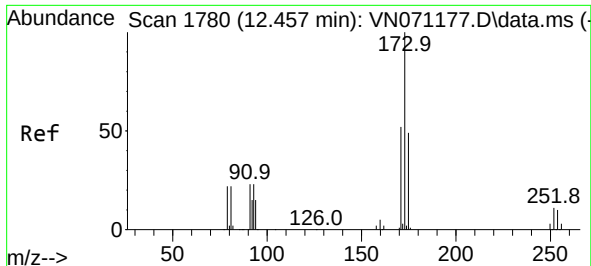
Tgt Ion:106 Resp: 682418  
Ion Ratio Lower Upper  
106 100  
91 215.5 105.8 317.3



#70  
Styrene  
Concen: 52.620 ug/l  
RT: 12.292 min Scan# 1752  
Delta R.T. 0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion:104 Resp: 1103789  
Ion Ratio Lower Upper  
104 100  
78 50.9 38.7 58.1  
103 55.3 45.0 67.6

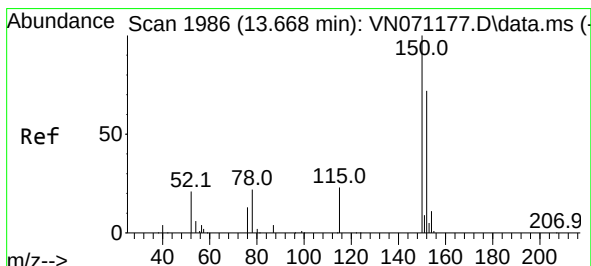
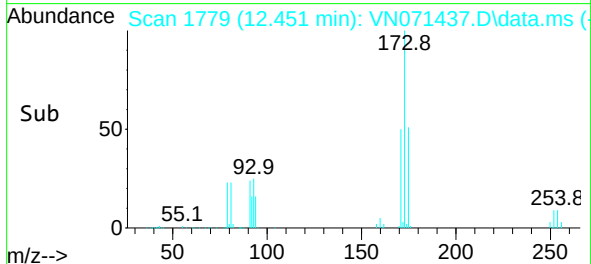
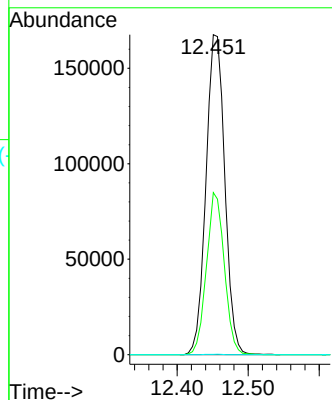
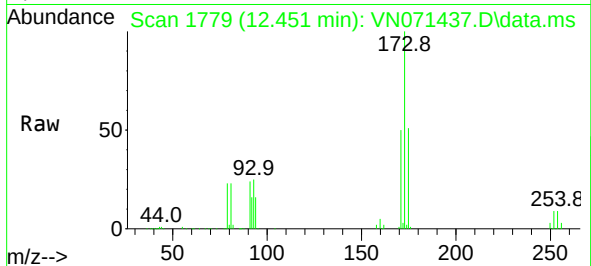




#71  
Bromoform  
Concen: 53.065 ug/l  
RT: 12.451 min Scan# 1779  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

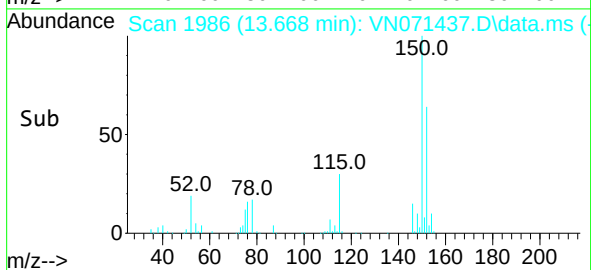
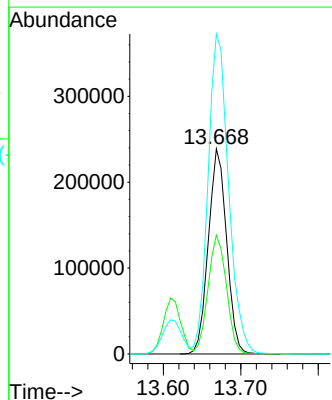
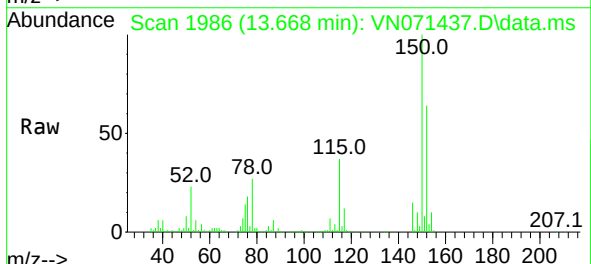
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:173 Resp: 308832  
Ion Ratio Lower Upper  
173 100  
175 48.2 24.2 72.6  
254 0.1 0.0 0.0#

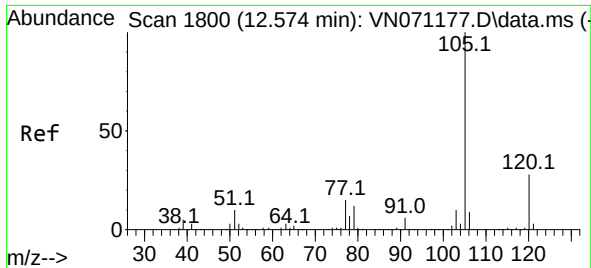


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. 0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion:152 Resp: 391624  
Ion Ratio Lower Upper  
152 100  
115 58.0 27.5 82.5  
150 175.0 0.0 344.4



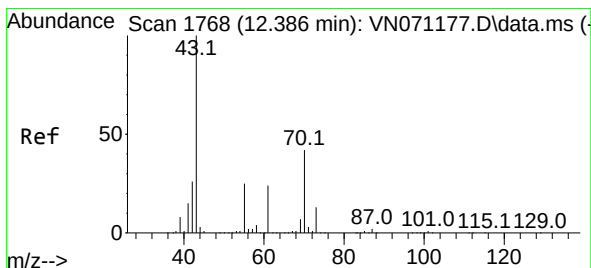
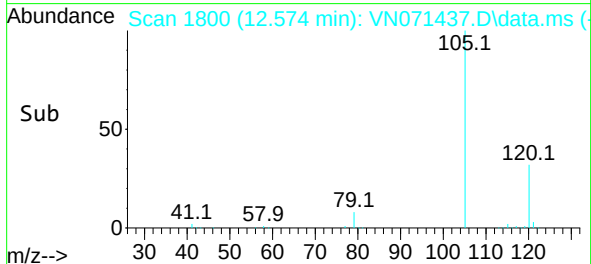
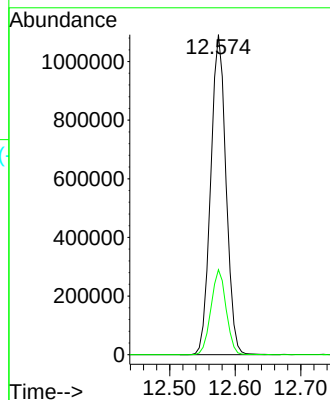
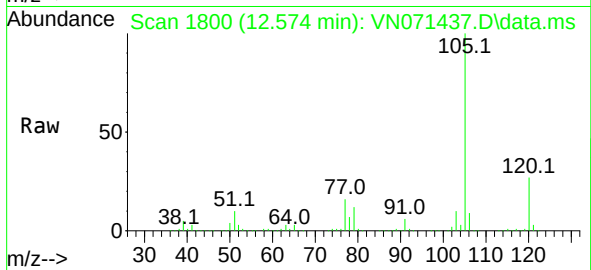




#73  
Isopropylbenzene  
Concen: 46.983 ug/l  
RT: 12.574 min Scan# 1800  
Delta R.T. 0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

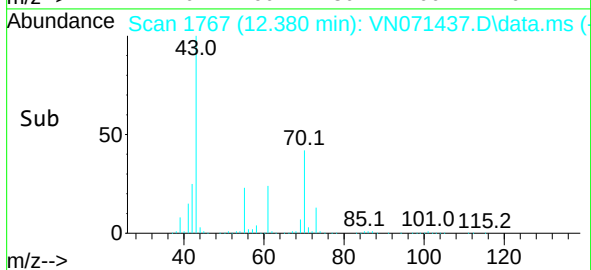
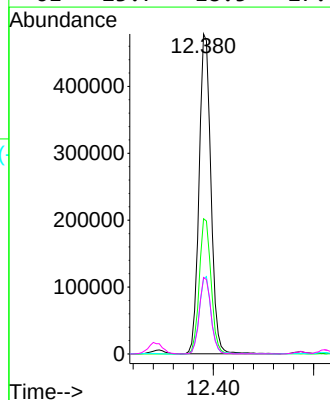
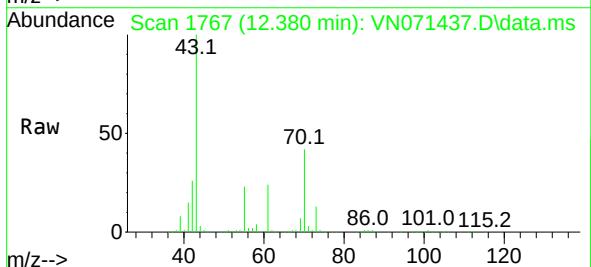
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ClientSampleId :  
VSTDCCC050

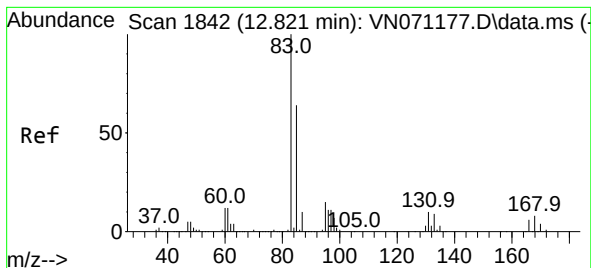
Tgt Ion:105 Resp: 1773709  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.4 40.1



#74  
N-ethyl acetate  
Concen: 54.989 ug/l  
RT: 12.380 min Scan# 1767  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 43 Resp: 780546  
Ion Ratio Lower Upper  
43 100  
70 42.2 33.4 50.0  
55 24.0 19.3 28.9  
61 23.7 18.5 27.7

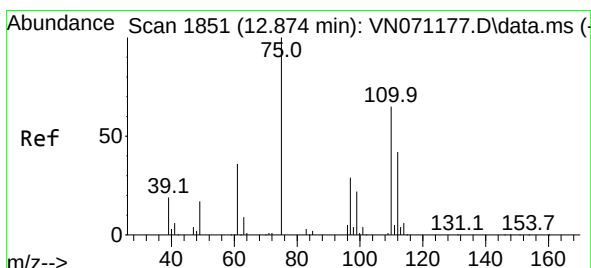
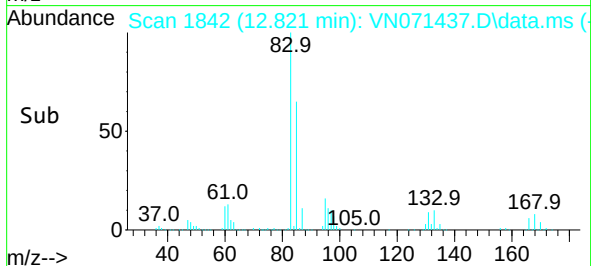
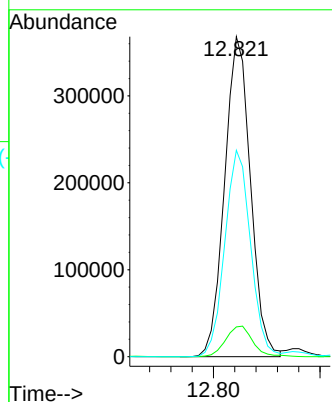
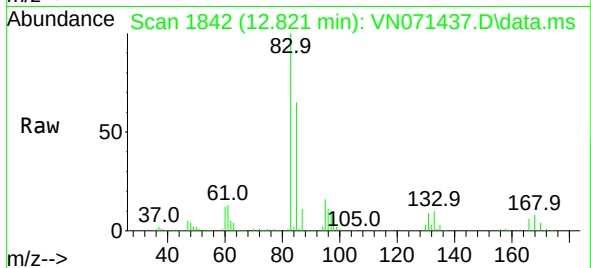




#75  
1,1,2,2-Tetrachloroethane  
Concen: 55.626 ug/l  
RT: 12.821 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

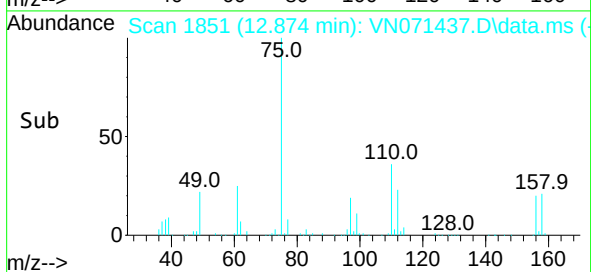
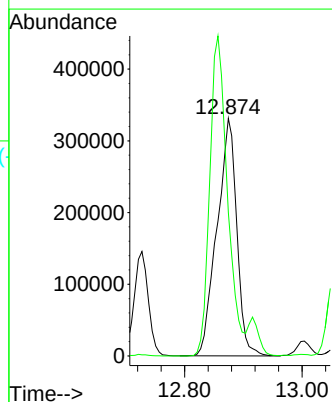
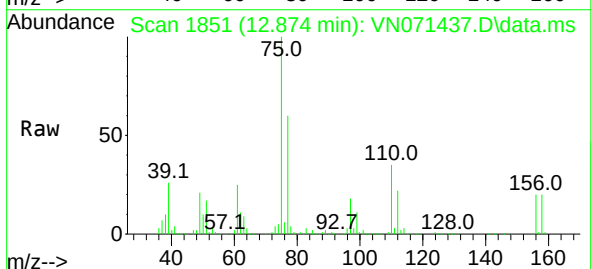
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

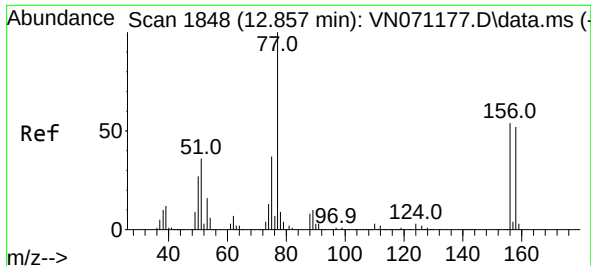
Tgt Ion: 83 Resp: 620810  
Ion Ratio Lower Upper  
83 100  
131 10.0 5.5 16.5  
85 64.2 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 83.378 ug/l  
RT: 12.874 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 75 Resp: 773521  
Ion Ratio Lower Upper  
75 100  
77 120.9 82.6 247.8

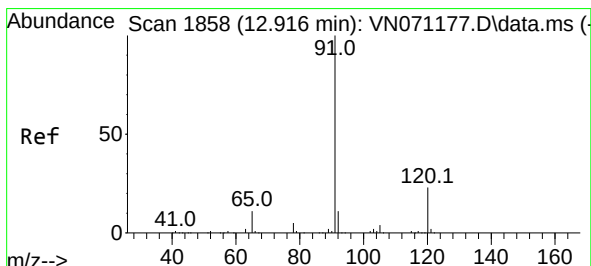
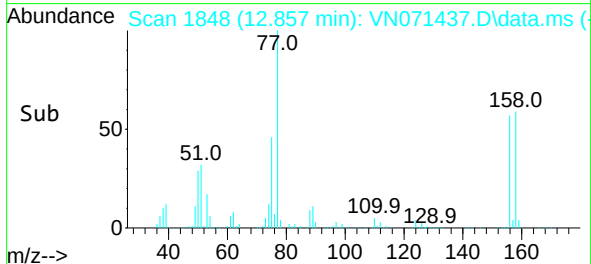
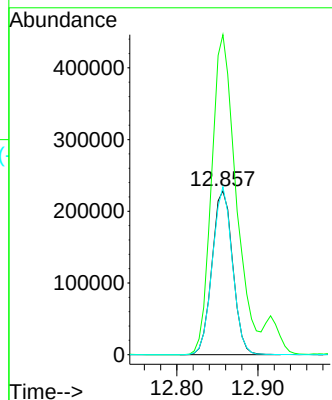
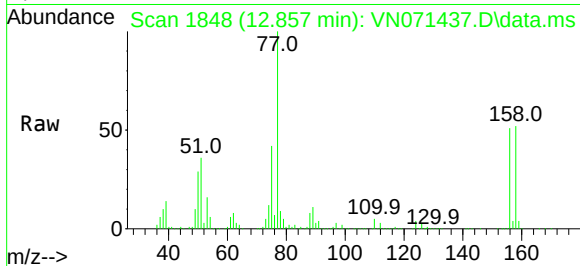




#77  
Bromobenzene  
Concen: 45.962 ug/l  
RT: 12.857 min Scan# 1848  
Delta R.T. -0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

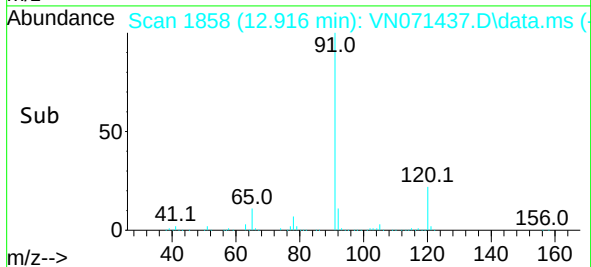
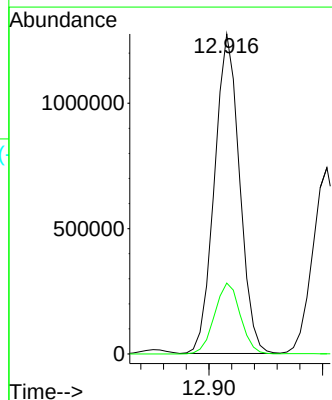
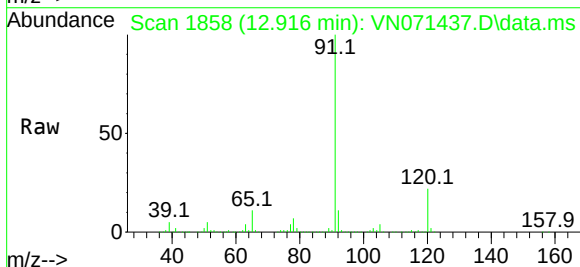
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

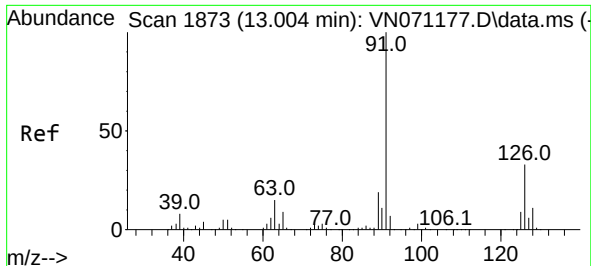
Tgt Ion:156 Resp: 404613  
Ion Ratio Lower Upper  
156 100  
77 231.2 90.6 271.8  
158 99.2 48.9 146.7



#78  
n-propylbenzene  
Concen: 48.302 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 91 Resp: 1956741  
Ion Ratio Lower Upper  
91 100  
120 22.8 11.9 35.9

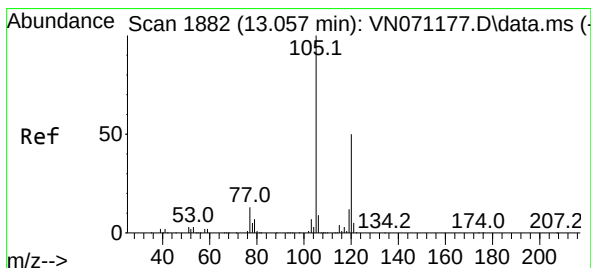
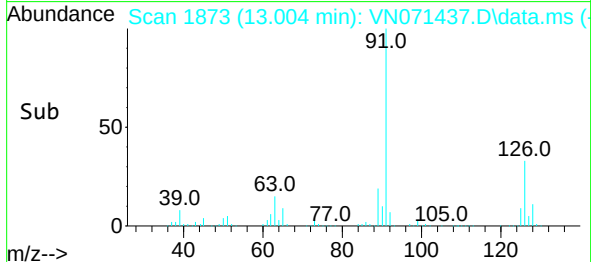
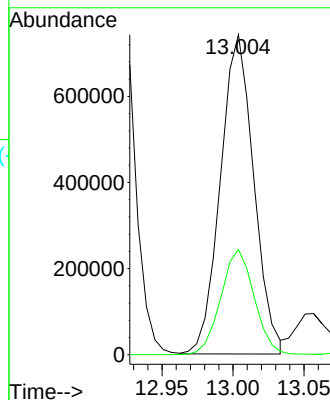
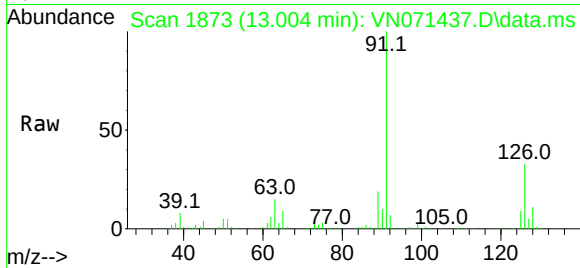




#79  
2-Chlorotoluene  
Concen: 46.558 ug/l  
RT: 13.004 min Scan# 1873  
Delta R.T. -0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

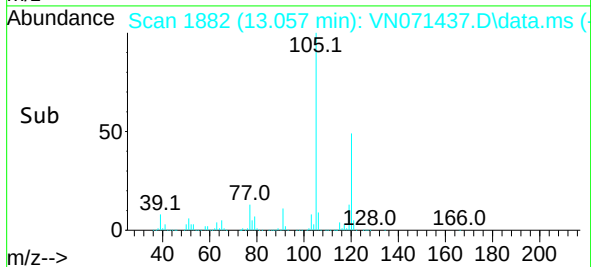
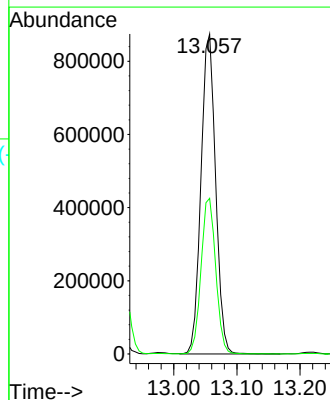
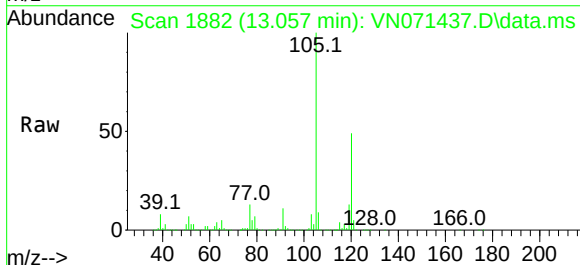
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

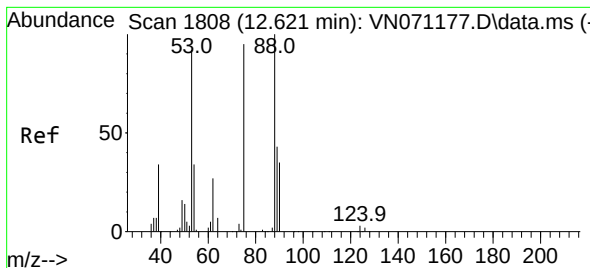
Tgt Ion: 91 Resp: 1210727  
Ion Ratio Lower Upper  
91 100  
126 33.0 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 47.903 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. 0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 105 Resp: 1406956  
Ion Ratio Lower Upper  
105 100  
120 48.8 24.6 73.6

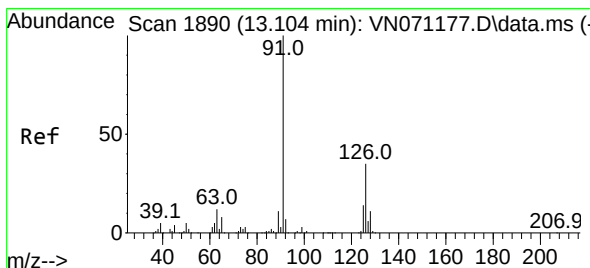
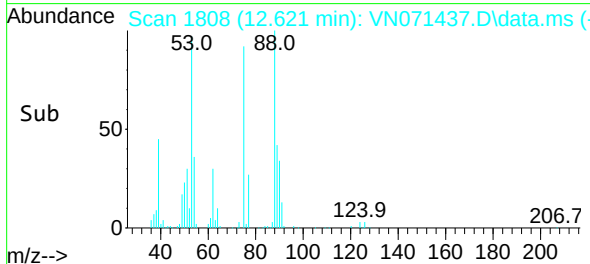
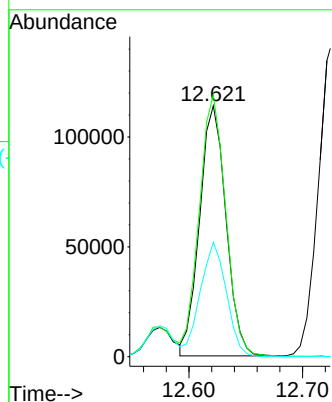
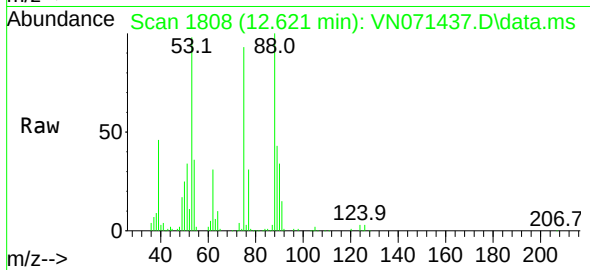




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.674 ug/l  
RT: 12.621 min Scan# 1808  
Delta R.T. 0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

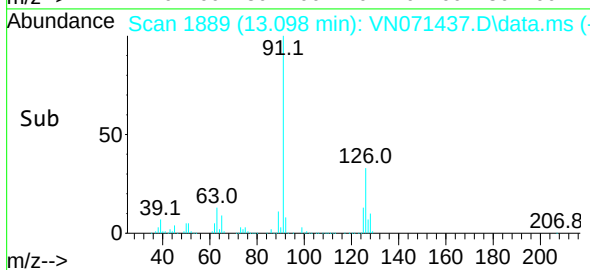
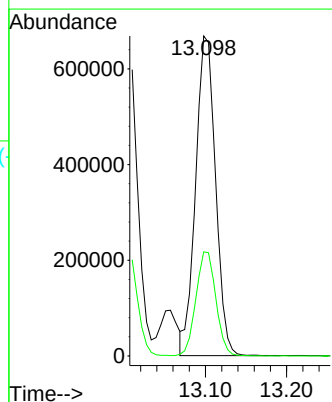
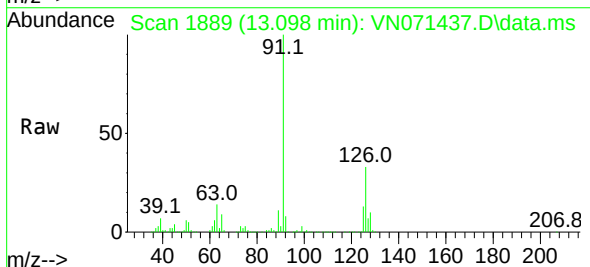
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

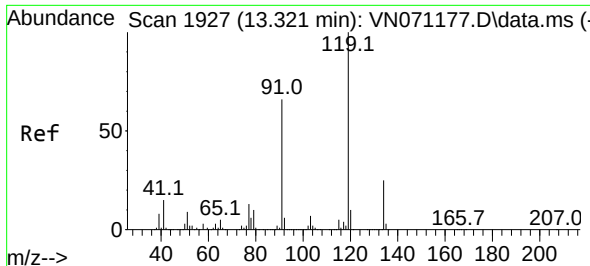
Tgt Ion: 75 Resp: 183581  
Ion Ratio Lower Upper  
75 100  
53 105.3 90.5 135.7  
89 45.5 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 49.150 ug/l  
RT: 13.098 min Scan# 1889  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 91 Resp: 1138467  
Ion Ratio Lower Upper  
91 100  
126 32.7 18.2 54.6

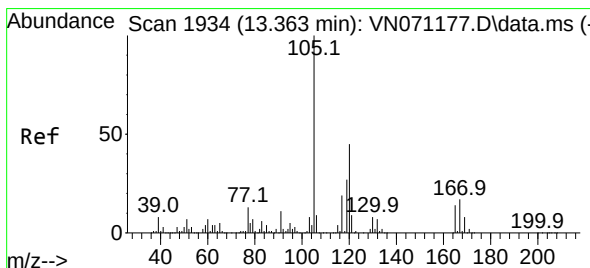
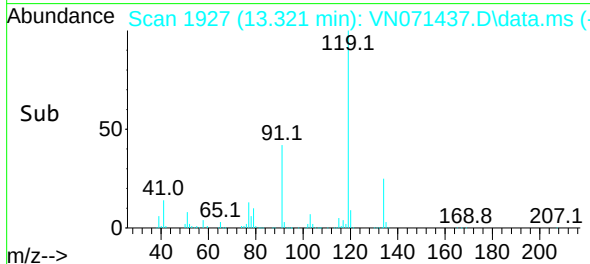
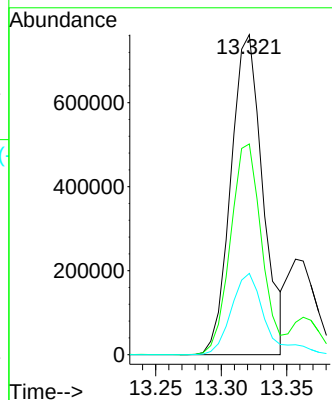
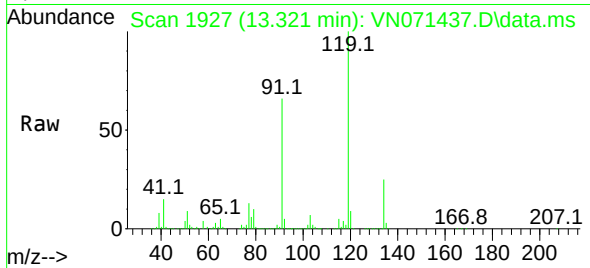




#83  
tert-Butylbenzene  
Concen: 49.296 ug/l  
RT: 13.321 min Scan# 1927  
Delta R.T. 0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

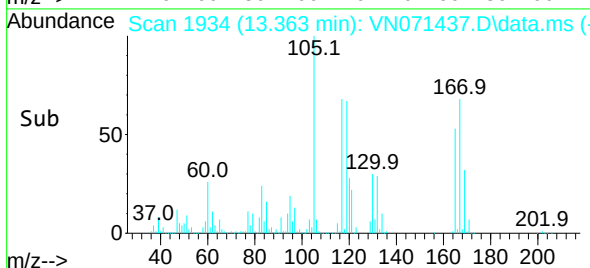
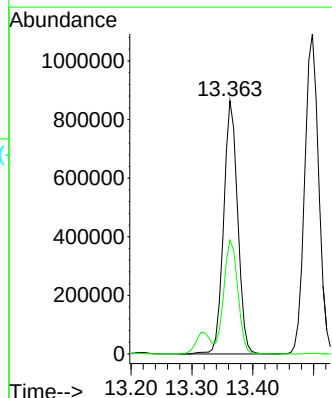
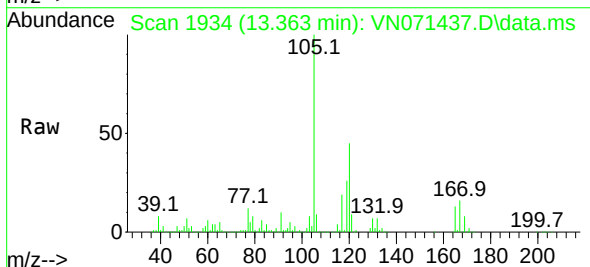
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

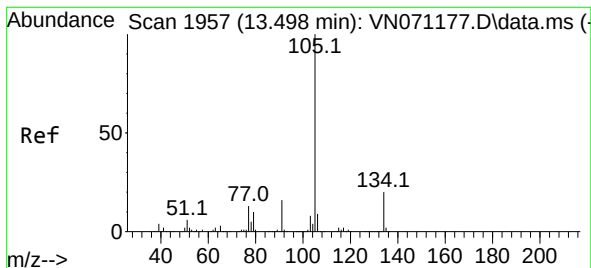
Tgt Ion:119 Resp: 1292131  
Ion Ratio Lower Upper  
119 100  
91 64.0 31.5 94.5  
134 27.1 12.4 37.4



#84  
1,2,4-Trimethylbenzene  
Concen: 49.151 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion:105 Resp: 1382769  
Ion Ratio Lower Upper  
105 100  
120 45.7 22.8 68.4





#85

sec-Butylbenzene

Concen: 49.938 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

Instrument :

MSVOA\_N

ClientSampleId :

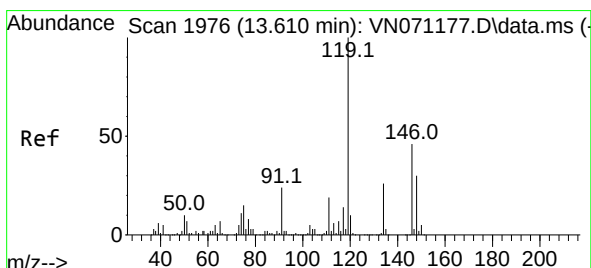
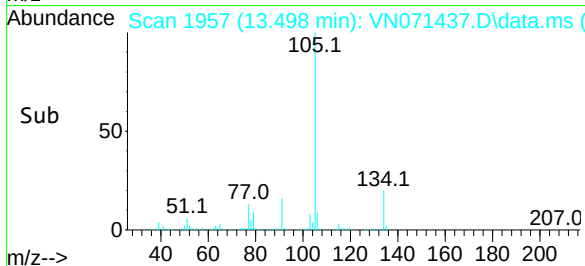
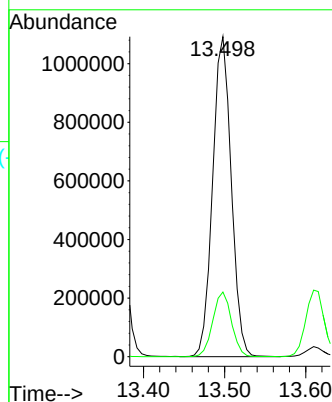
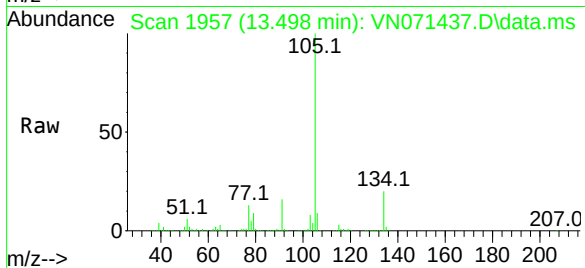
VSTDCCC050

Tgt Ion:105 Resp: 1739823

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1



#86

p-Isopropyltoluene

Concen: 50.951 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

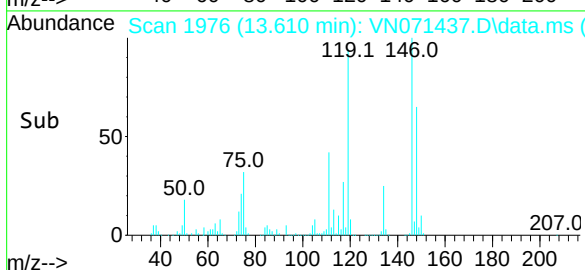
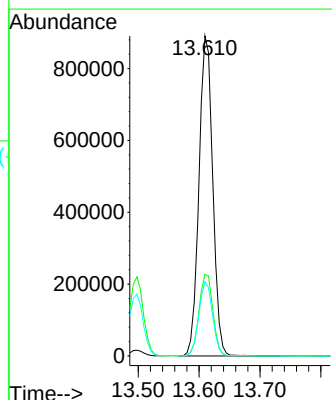
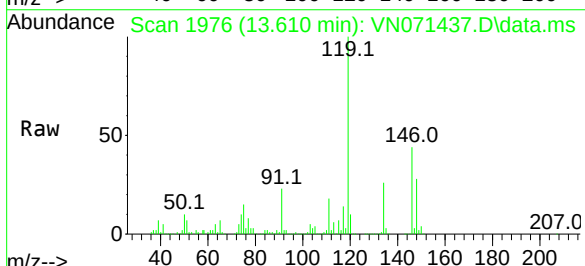
Tgt Ion:119 Resp: 1396016

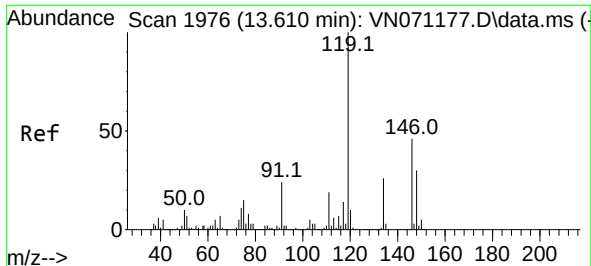
Ion Ratio Lower Upper

119 100

134 25.8 13.6 40.7

91 23.0 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 46.697 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

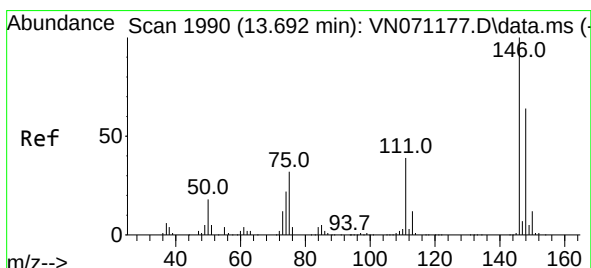
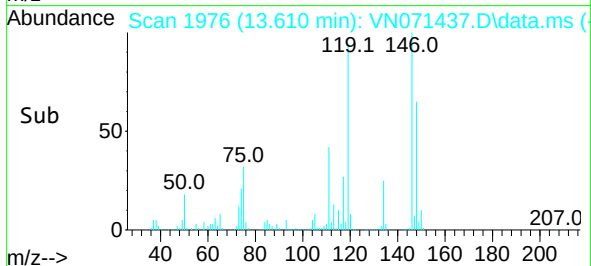
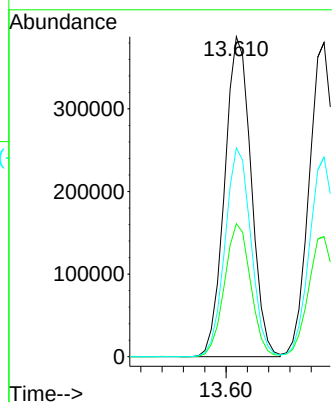
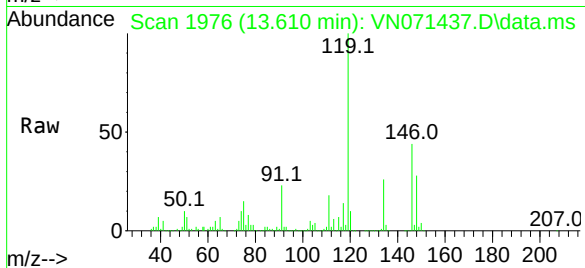
Tgt Ion:146 Resp: 667937

Ion Ratio Lower Upper

146 100

111 41.1 18.6 55.6

148 64.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 46.172 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

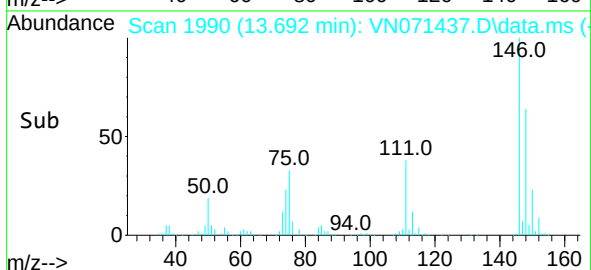
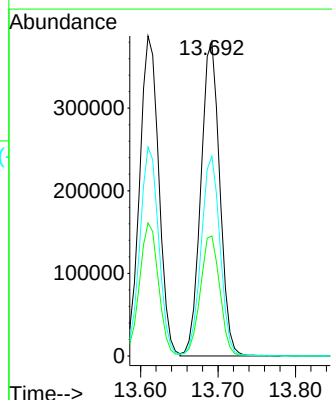
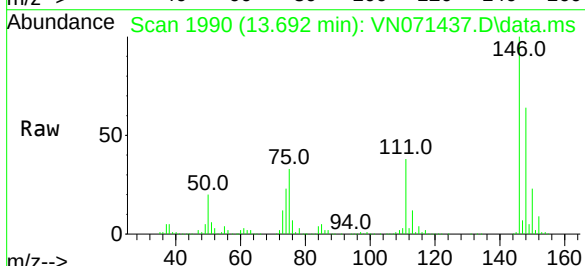
Tgt Ion:146 Resp: 645579

Ion Ratio Lower Upper

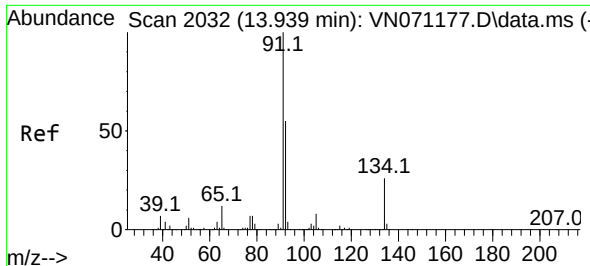
146 100

111 39.6 18.3 54.8

148 63.6 31.8 95.4



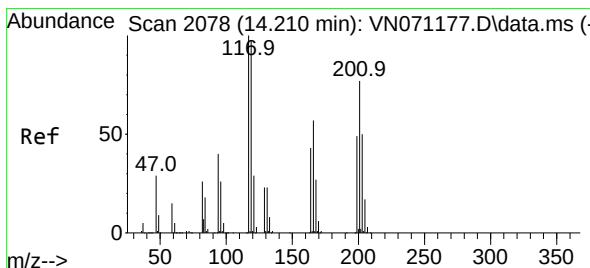
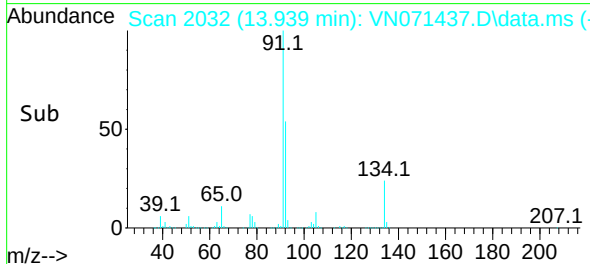
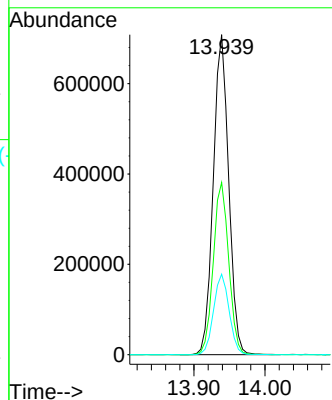
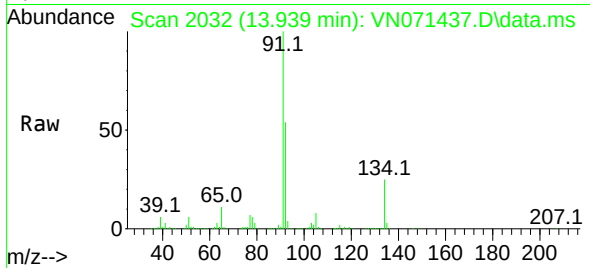




#89  
n-Butylbenzene  
Concen: 49.737 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

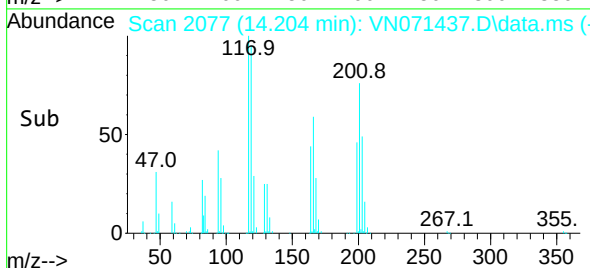
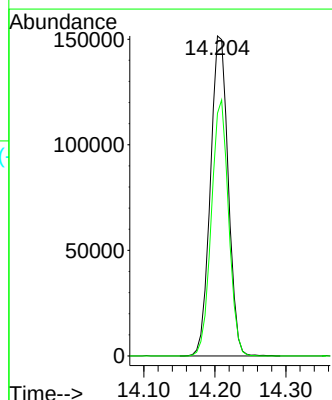
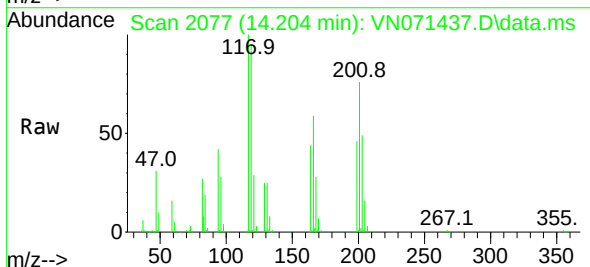
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

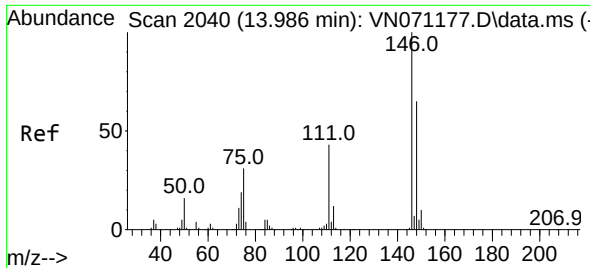
Tgt Ion: 91 Resp: 1065850  
Ion Ratio Lower Upper  
91 100  
92 53.9 25.4 76.0  
134 25.4 13.6 40.8



#90  
Hexachloroethane  
Concen: 48.459 ug/l  
RT: 14.204 min Scan# 2077  
Delta R.T. -0.006 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 117 Resp: 264035  
Ion Ratio Lower Upper  
117 100  
201 77.1 43.9 131.6

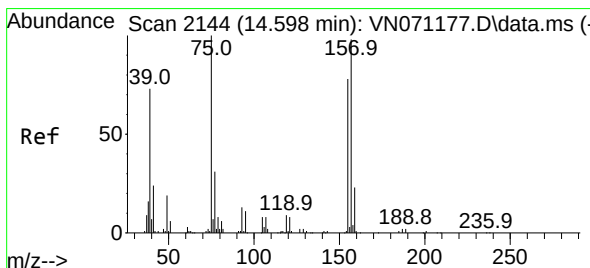
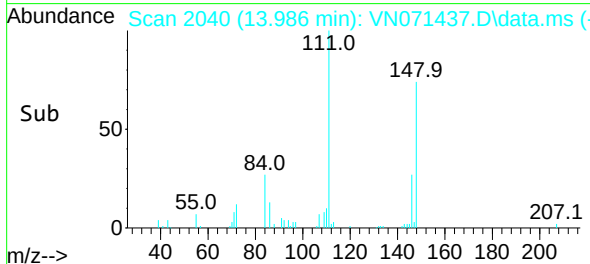
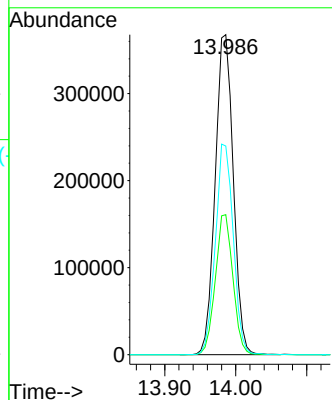
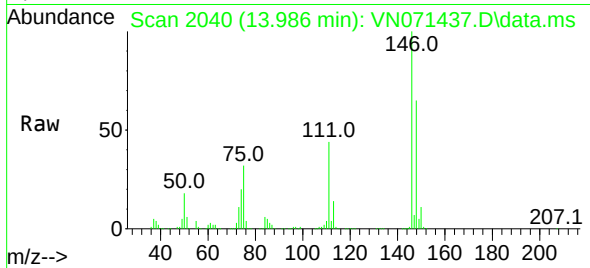




#91  
1,2-Dichlorobenzene  
Concen: 47.240 ug/l  
RT: 13.986 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

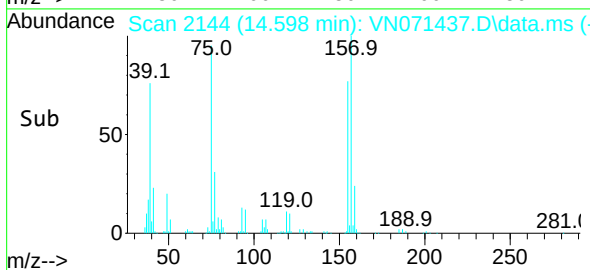
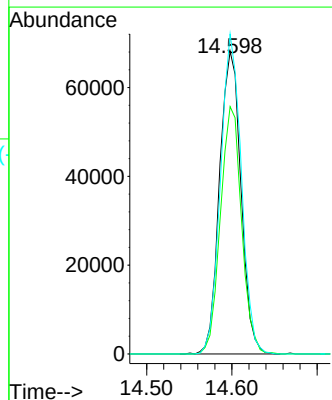
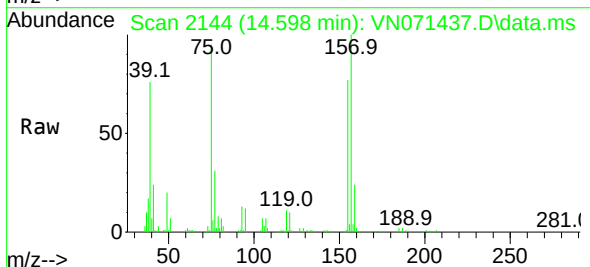
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

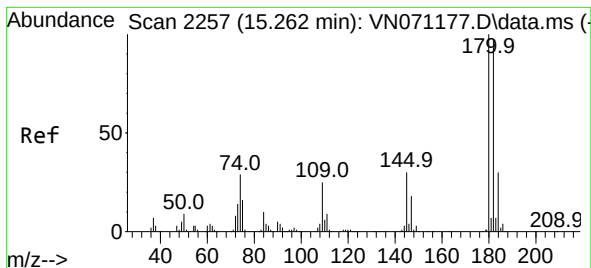
Tgt Ion:146 Resp: 649627  
Ion Ratio Lower Upper  
146 100  
111 42.5 19.1 57.3  
148 65.1 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 54.012 ug/l  
RT: 14.598 min Scan# 2144  
Delta R.T. -0.000 min  
Lab File: VN071437.D  
Acq: 21 Mar 2022 23:18

Tgt Ion: 75 Resp: 118641  
Ion Ratio Lower Upper  
75 100  
155 80.8 46.9 140.7  
157 102.6 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 49.475 ug/l

RT: 15.257 min Scan# 21

Delta R.T. -0.005 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

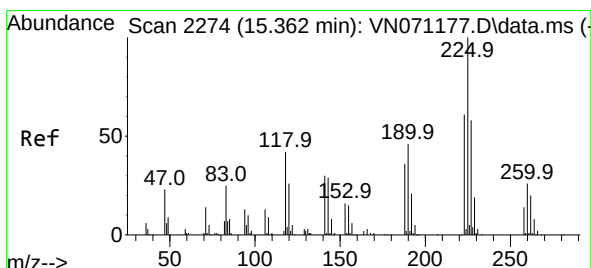
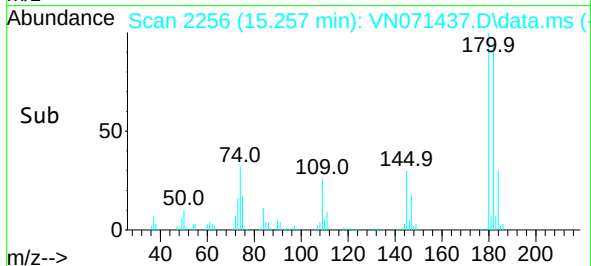
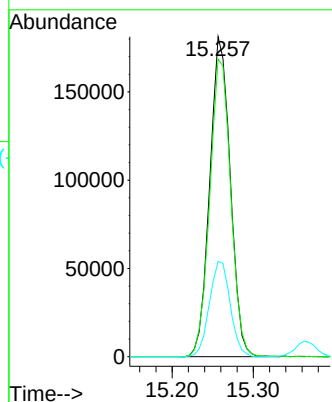
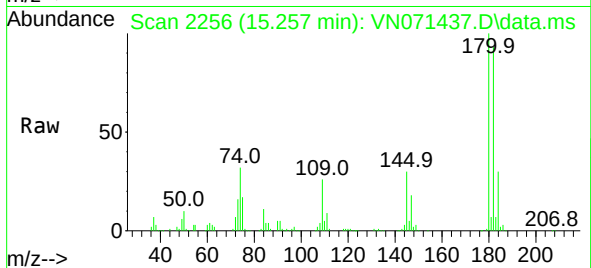
Tgt Ion:180 Resp: 317322

Ion Ratio Lower Upper

180 100

182 95.2 48.3 144.9

145 30.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 46.703 ug/l

RT: 15.368 min Scan# 2275

Delta R.T. 0.006 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

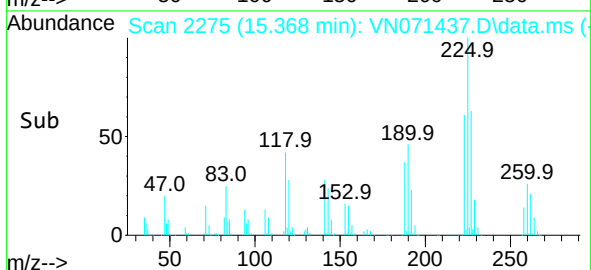
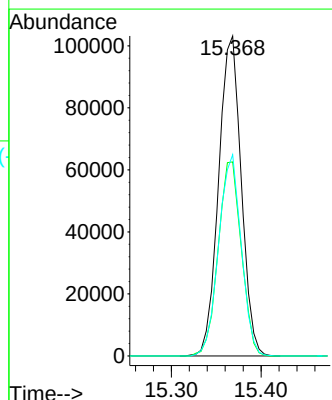
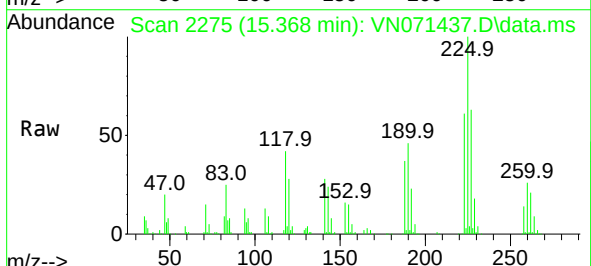
Tgt Ion:225 Resp: 180298

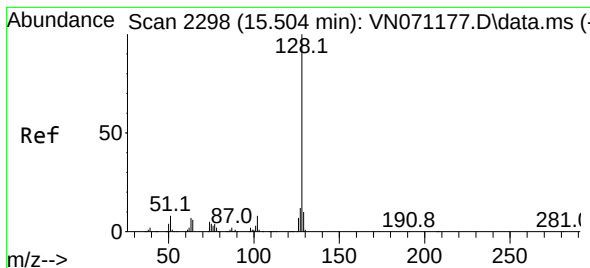
Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.7

227 62.8 32.1 96.3





#95

Naphthalene

Concen: 56.600 ug/l

RT: 15.498 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

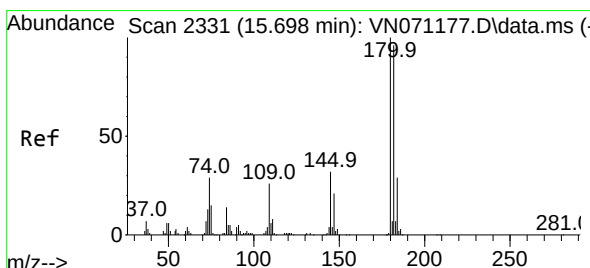
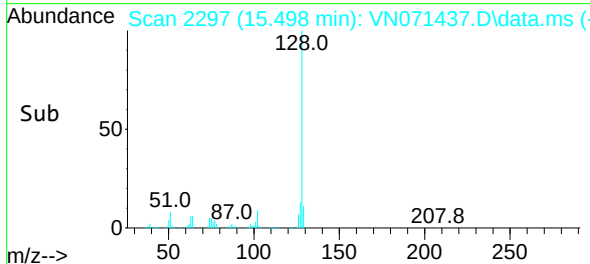
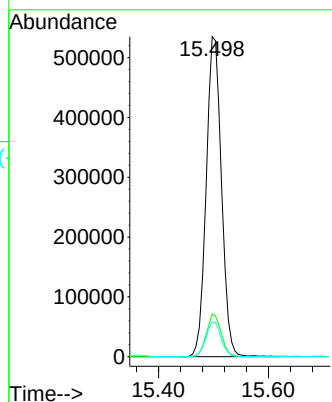
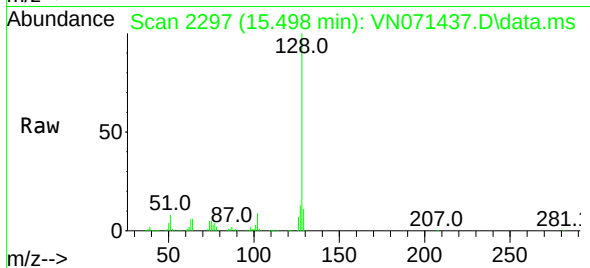
Tgt Ion:128 Resp: 1029498

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 52.417 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. -0.000 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

Tgt Ion:180 Resp: 323139

Ion Ratio Lower Upper

180 100

182 94.7 47.4 142.2

145 31.6 15.0 45.1

