

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN123021\  
 Data File : VN070425.D  
 Acq On : 31 Dec 2021 3:55  
 Operator : JC/MD  
 Sample : VSTDC0050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Dec 31 06:36:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 27 18:47:12 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.086  | 168   | 888102   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.968  | 114   | 1478832  | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.744 | 117   | 1407721  | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.675 | 152   | 575310   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.440  | 65    | 623240   | 48.808   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | =      | 97.620%  |
| 35) Dibromofluoromethane     | 8.024  | 113   | 450765   | 50.378   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | =      | 100.760% |
| 50) Toluene-d8               | 10.443 | 98    | 1823311  | 49.882   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | =      | 99.760%  |
| 62) 4-Bromofluorobenzene     | 12.731 | 95    | 661796   | 50.129   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | =      | 100.260% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.073  | 85    | 502189   | 49.862   | ug/l   | 100      |
| 3) Chloromethane             | 2.303  | 50    | 705654   | 51.506   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.445  | 62    | 632557   | 50.711   | ug/l   | 99       |
| 5) Bromomethane              | 2.840  | 94    | 325888   | 50.618   | ug/l   | 98       |
| 6) Chloroethane              | 3.011  | 64    | 362606   | 48.271   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.371  | 101   | 706305   | 47.044   | ug/l   | 98       |
| 8) Diethyl Ether             | 3.824  | 74    | 345538   | 52.208   | ug/l   | 79       |
| 9) 1,1,2-Trichlorotrifluo... | 4.205  | 101   | 460165   | 50.111   | ug/l   | 96       |
| 10) Methyl Iodide            | 4.417  | 142   | 640903   | 51.572   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.385  | 59    | 652099   | 306.706  | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 4.175  | 96    | 461211   | 50.991   | ug/l   | 91       |
| 13) Acrolein                 | 4.038  | 56    | 433097   | 251.053  | ug/l   | 100      |
| 14) Allyl chloride           | 4.838  | 41    | 1105337  | 53.901   | ug/l # | 84       |
| 15) Acrylonitrile            | 5.556  | 53    | 2020055  | 304.468  | ug/l   | 99       |
| 16) Acetone                  | 4.291  | 43    | 1750044  | 211.123  | ug/l   | 100      |
| 17) Carbon Disulfide         | 4.527  | 76    | 1292982  | 52.370   | ug/l   | 99       |
| 18) Methyl Acetate           | 4.856  | 43    | 1390761  | 58.002   | ug/l   | 91       |
| 19) Methyl tert-butyl Ether  | 5.621  | 73    | 1775868  | 52.869   | ug/l   | 96       |
| 20) Methylene Chloride       | 5.092  | 84    | 572252   | 49.897   | ug/l # | 83       |
| 21) trans-1,2-Dichloroethene | 5.597  | 96    | 492175   | 51.393   | ug/l   | 86       |
| 22) Diisopropyl ether        | 6.500  | 45    | 2204515  | 55.192   | ug/l # | 92       |
| 23) Vinyl Acetate            | 6.436  | 43    | 8758109  | 282.610  | ug/l # | 94       |
| 24) 1,1-Dichloroethane       | 6.388  | 63    | 1083631  | 52.322   | ug/l   | 98       |
| 25) 2-Butanone               | 7.337  | 43    | 2897127  | 277.579  | ug/l   | 91       |
| 26) 2,2-Dichloropropane      | 7.324  | 77    | 608961   | 37.272   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.327  | 96    | 593379   | 51.927   | ug/l   | 89       |
| 28) Bromochloromethane       | 7.659  | 49    | 546587   | 53.965   | ug/l # | 75       |
| 29) Tetrahydrofuran          | 7.686  | 42    | 1942280  | 311.905  | ug/l # | 86       |
| 30) Chloroform               | 7.820  | 83    | 1031248  | 51.614   | ug/l   | 99       |
| 31) Cyclohexane              | 8.094  | 56    | 1024661  | 50.851   | ug/l   | 86       |
| 32) 1,1,1-Trichloroethane    | 8.016  | 97    | 860715   | 51.091   | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 8.222  | 75    | 756207   | 51.089   | ug/l   | 96       |
| 37) Ethyl Acetate            | 7.415  | 43    | 1123454  | 58.555   | ug/l   | 96       |
| 38) Carbon Tetrachloride     | 8.206  | 117   | 725474   | 51.328   | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.459  | 83    | 906381   | 50.580   | ug/l   | 88       |
| 40) Benzene                  | 8.461  | 78    | 2382883  | 52.511   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN123021\  
 Data File : VN070425.D  
 Acq On : 31 Dec 2021 3:55  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Dec 31 06:36:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 27 18:47:12 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.638  | 41   | 579147   | 60.349   | ug/l # | 87       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 857266   | 50.259   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.563  | 43   | 1702006  | 56.265   | ug/l # | 95       |
| 44) Trichloroethene           | 9.217  | 130  | 536501   | 49.757   | ug/l   | 88       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 660405   | 54.051   | ug/l   | 100      |
| 46) Dibromomethane            | 9.579  | 93   | 401619   | 52.862   | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.762  | 83   | 837467   | 55.514   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.561  | 41   | 871465   | 60.398   | ug/l # | 79       |
| 49) 1,4-Dioxane               | 9.571  | 88   | 268091   | 1269.307 | ug/l # | 83       |
| 51) 4-Methyl-2-Pentanone      | 10.330 | 43   | 5840696  | 307.282  | ug/l   | 96       |
| 52) Toluene                   | 10.505 | 92   | 1457213  | 53.052   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 862443   | 52.809   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 947492   | 53.632   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.899 | 97   | 584012   | 53.737   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 1032557  | 57.501   | ug/l # | 88       |
| 57) 1,3-Dichloropropane       | 11.046 | 76   | 1031326  | 53.653   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.043 | 63   | 1113583  | 243.312  | ug/l   | 89       |
| 59) 2-Hexanone                | 11.087 | 43   | 4268886  | 307.973  | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.240 | 129  | 610606   | 57.585   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.347 | 107  | 590557   | 53.517   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.979 | 164  | 486362   | 47.711   | ug/l   | 95       |
| 65) Chlorobenzene             | 11.771 | 112  | 1508352  | 50.499   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.840 | 131  | 556787   | 52.216   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.846 | 91   | 2828026  | 51.676   | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.953 | 106  | 2071539  | 103.989  | ug/l   | 93       |
| 69) o-Xylene                  | 12.280 | 106  | 1031870  | 52.077   | ug/l   | 93       |
| 70) Styrene                   | 12.294 | 104  | 1711291  | 54.568   | ug/l   | 96       |
| 71) Bromoform                 | 12.457 | 173  | 482235   | 60.937   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.578 | 105  | 2692315  | 50.393   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.387 | 43   | 1305574  | 58.119   | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.827 | 83   | 954083   | 55.025   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.881 | 75   | 1154705  | 66.823   | ug/l # | 1        |
| 77) Bromobenzene              | 12.859 | 156  | 626376   | 51.067   | ug/l   | 76       |
| 78) n-propylbenzene           | 12.921 | 91   | 3094699  | 52.280   | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.007 | 91   | 1888468  | 49.721   | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 2182949  | 50.988   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.626 | 75   | 265362   | 56.354   | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 13.104 | 91   | 1811536  | 50.918   | ug/l   | 92       |
| 83) tert-Butylbenzene         | 13.323 | 119  | 1918010  | 50.878   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 2139482  | 51.897   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.500 | 105  | 2663824  | 52.046   | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.616 | 119  | 2081478  | 51.772   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146  | 1030754  | 50.199   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146  | 1004053  | 49.572   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.943 | 91   | 1717024  | 51.201   | ug/l   | 97       |
| 90) Hexachloroethane          | 14.211 | 117  | 416075   | 59.570   | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 13.989 | 146  | 1000025  | 49.680   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.603 | 75   | 180990   | 58.479   | ug/l   | 80       |
| 93) 1,2,4-Trichlorobenzene    | 15.262 | 180  | 521021   | 54.933   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.370 | 225  | 279901   | 50.778   | ug/l   | 99       |
| 95) Naphthalene               | 15.507 | 128  | 1617708  | 61.294   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 521224   | 57.330   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN123021\  
Data File : VN070425.D  
Acq On : 31 Dec 2021 3:55  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 43 Sample Multiplier: 1

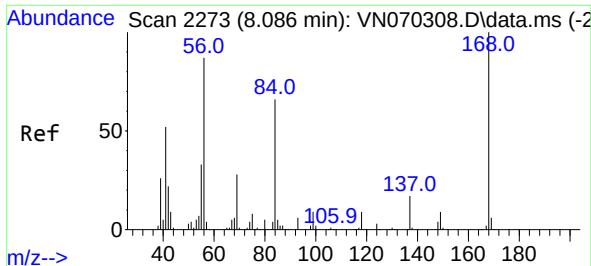
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Dec 31 06:36:52 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
Quant Title : SW846 8260  
QLast Update : Mon Dec 27 18:47:12 2021  
Response via : Initial Calibration

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

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

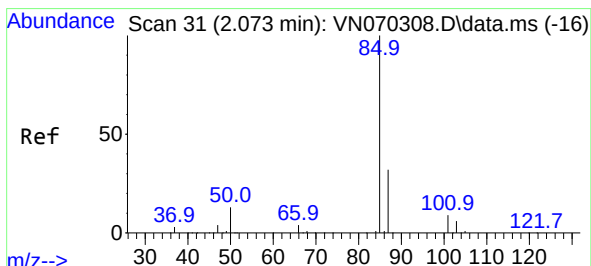
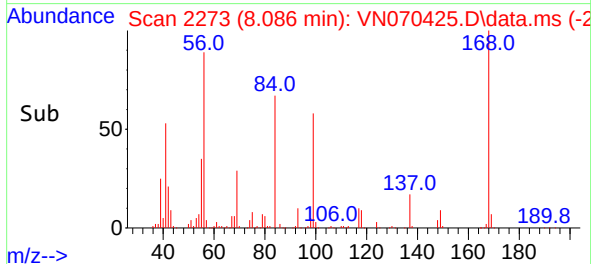
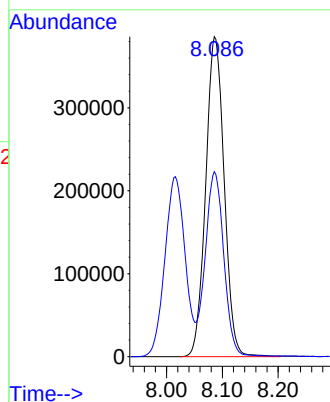
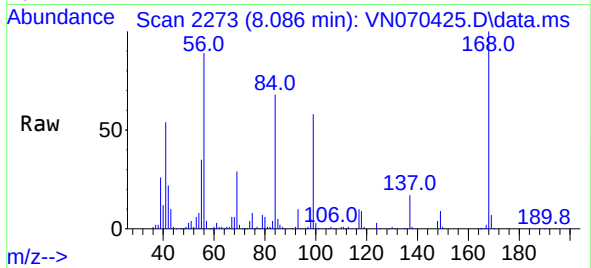




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

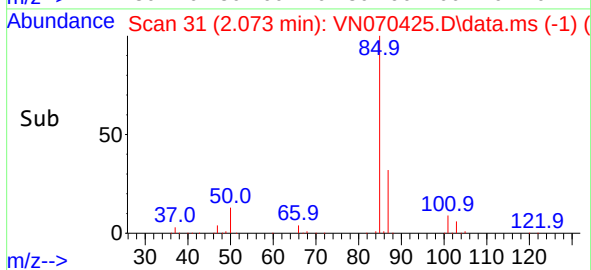
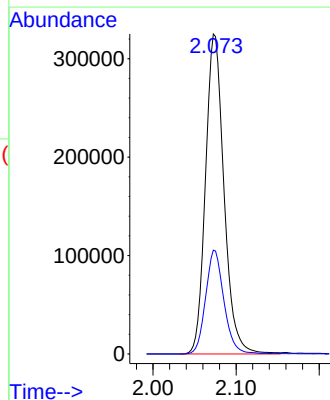
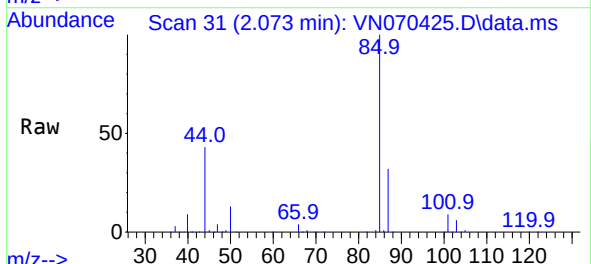
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

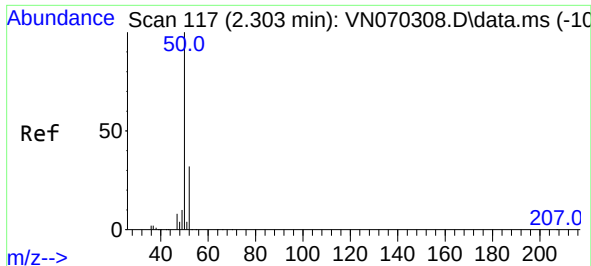
Tgt Ion:168 Resp: 888102  
Ion Ratio Lower Upper  
168 100  
99 57.6 41.3 61.9



#2  
Dichlorodifluoromethane  
Concen: 49.862 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 85 Resp: 502189  
Ion Ratio Lower Upper  
85 100  
87 32.5 16.3 48.9

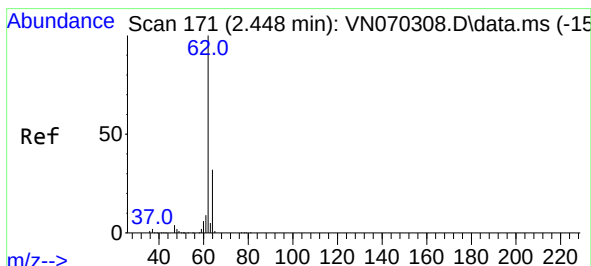
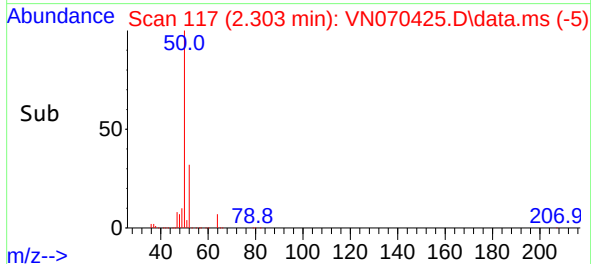
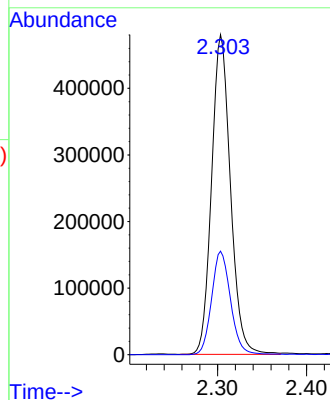
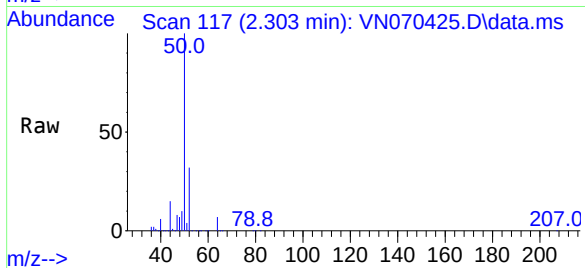




#3  
Chloromethane  
Concen: 51.506 ug/l  
RT: 2.303 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

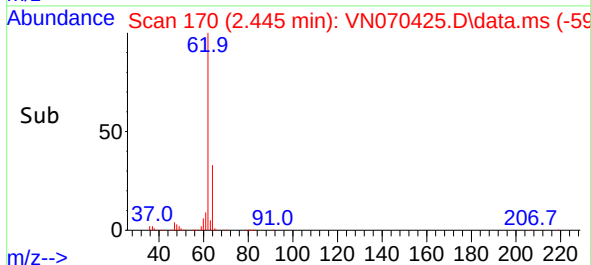
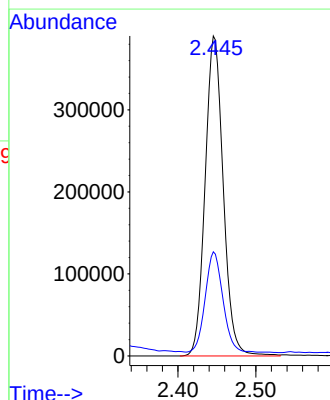
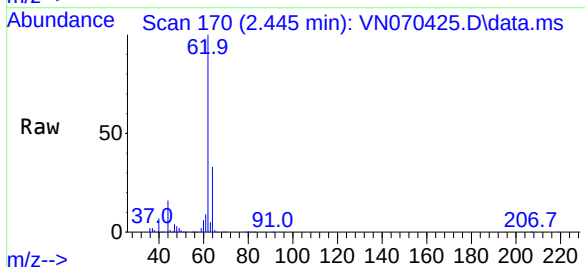
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

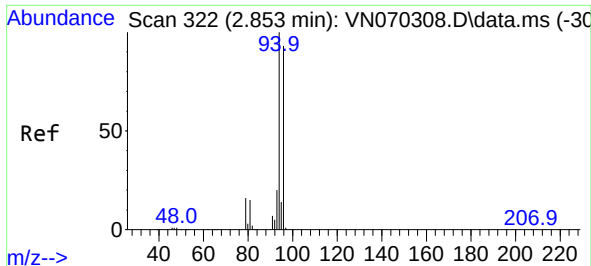
Tgt Ion: 50 Resp: 705654  
Ion Ratio Lower Upper  
50 100  
52 32.4 25.4 38.0



#4  
Vinyl Chloride  
Concen: 50.711 ug/l  
RT: 2.445 min Scan# 170  
Delta R.T. -0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 62 Resp: 632557  
Ion Ratio Lower Upper  
62 100  
64 31.5 25.8 38.6

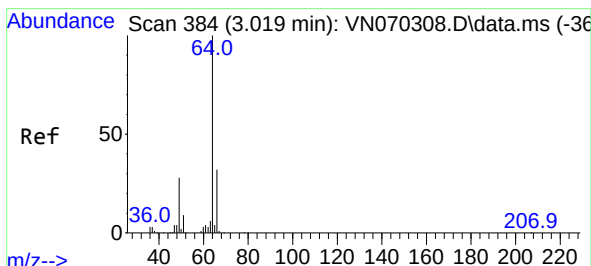
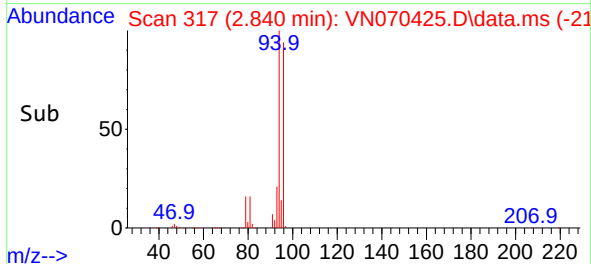
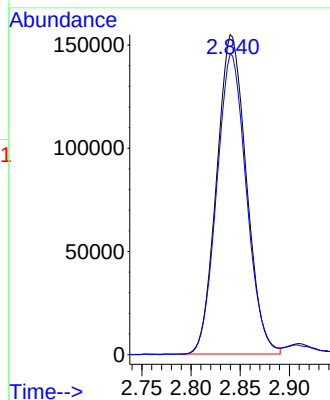
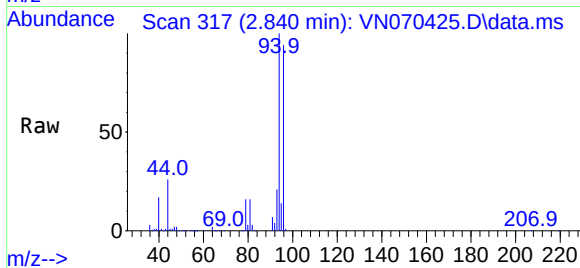




#5  
Bromomethane  
Concen: 50.618 ug/l  
RT: 2.840 min Scan# 31  
Delta R.T. -0.013 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

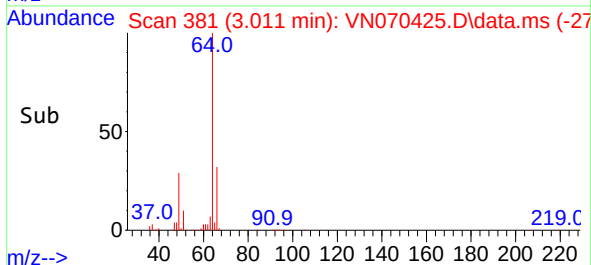
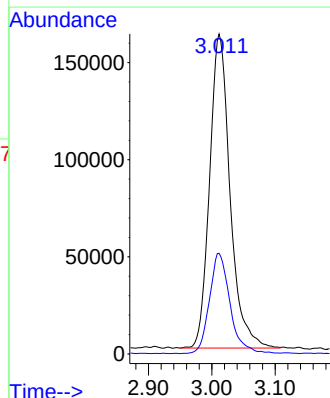
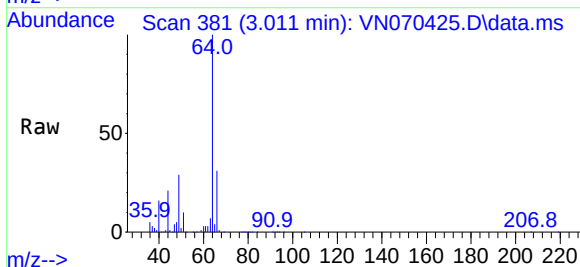
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

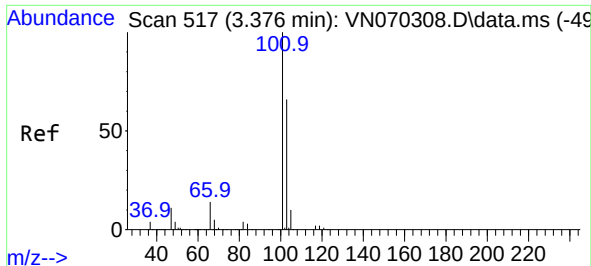
Tgt Ion: 94 Resp: 325888  
Ion Ratio Lower Upper  
94 100  
96 94.1 73.8 110.8



#6  
Chloroethane  
Concen: 48.271 ug/l  
RT: 3.011 min Scan# 381  
Delta R.T. -0.008 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 64 Resp: 362606  
Ion Ratio Lower Upper  
64 100  
66 31.9 26.3 39.5

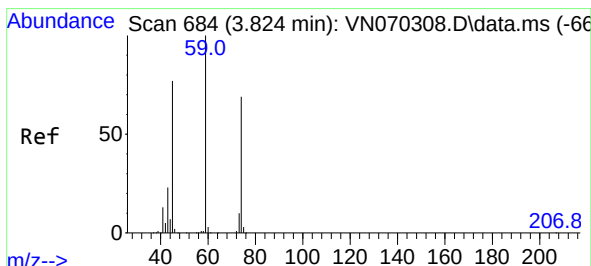
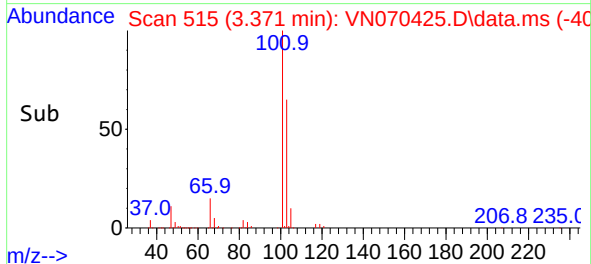
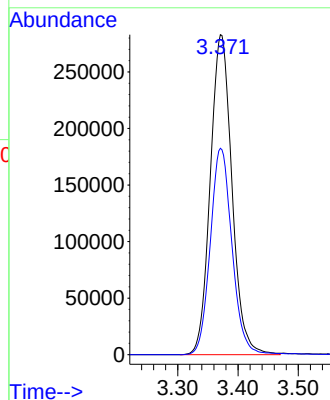
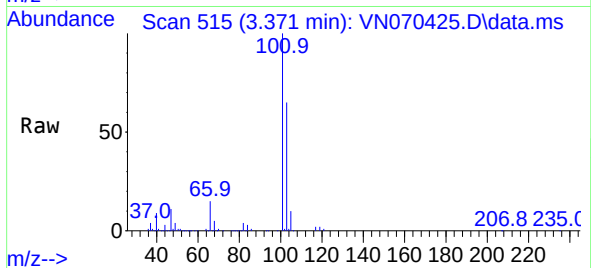




#7  
Trichlorofluoromethane  
Concen: 47.044 ug/l  
RT: 3.371 min Scan# 517  
Delta R.T. -0.005 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

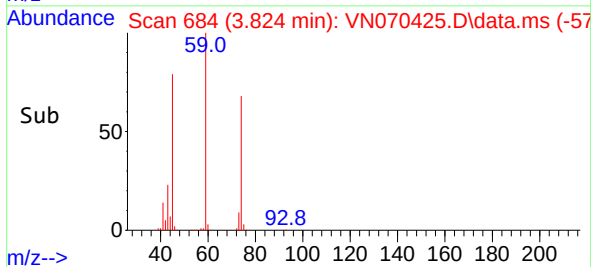
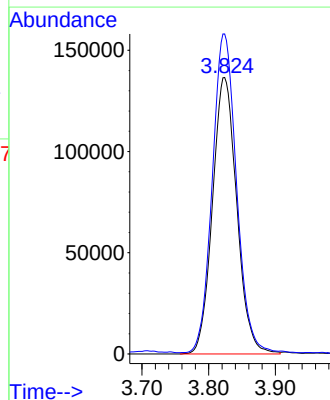
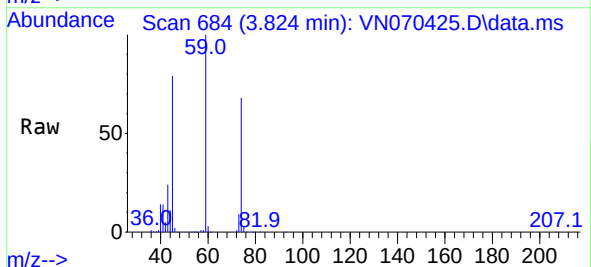
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 706305  
Ion Ratio Lower Upper  
101 100  
103 64.5 50.1 75.1

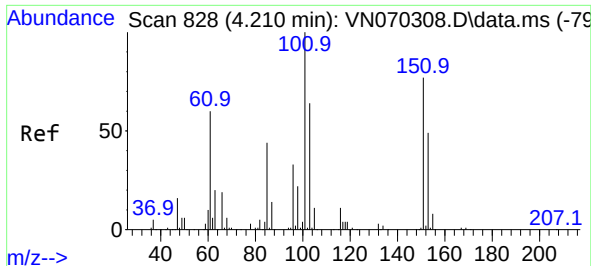


#8  
Diethyl Ether  
Concen: 52.208 ug/l  
RT: 3.824 min Scan# 684  
Delta R.T. -0.000 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 74 Resp: 345538  
Ion Ratio Lower Upper  
74 100  
45 114.3 47.0 141.2



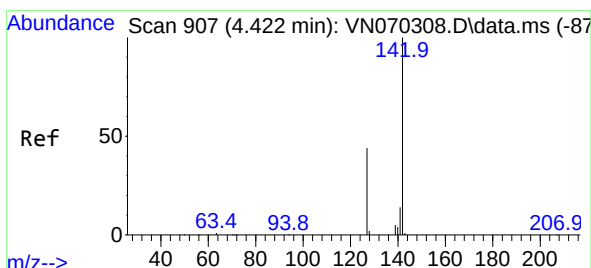
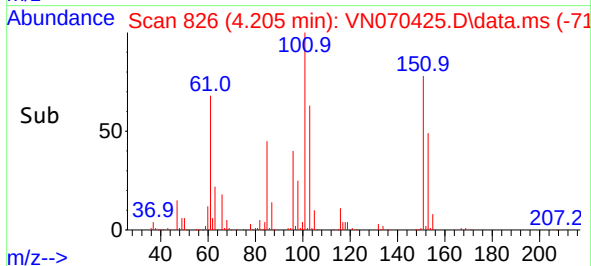
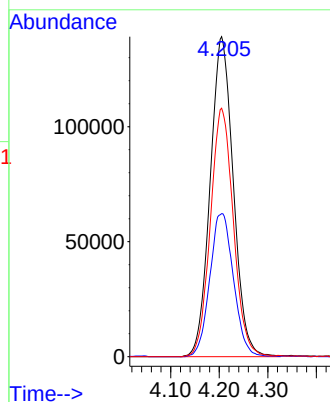
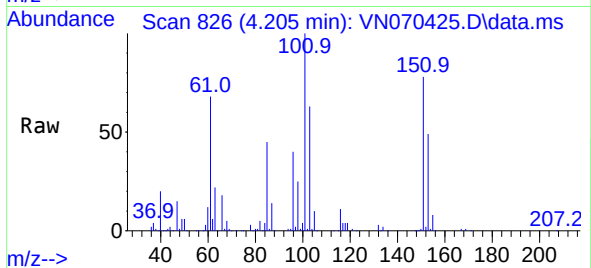




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.111 ug/l  
RT: 4.205 min Scan# 81  
Delta R.T. -0.005 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

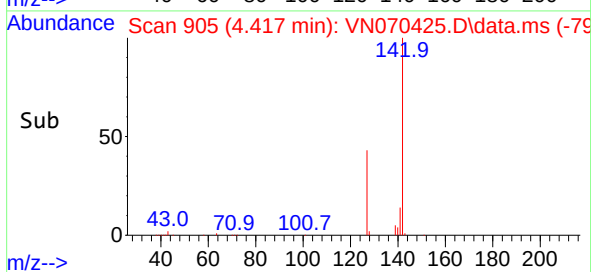
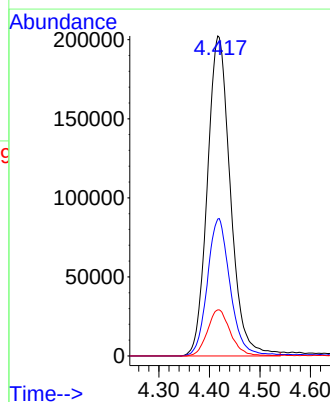
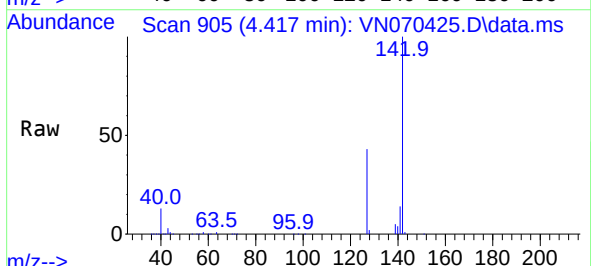
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

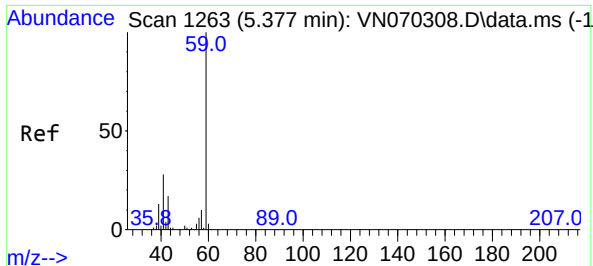
Tgt Ion:101 Resp: 460165  
Ion Ratio Lower Upper  
101 100  
85 45.8 37.2 55.8  
151 77.3 65.9 98.9



#10  
Methyl Iodide  
Concen: 51.572 ug/l  
RT: 4.417 min Scan# 905  
Delta R.T. -0.005 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion:142 Resp: 640903  
Ion Ratio Lower Upper  
142 100  
127 42.2 35.4 53.0  
141 14.4 11.6 17.4

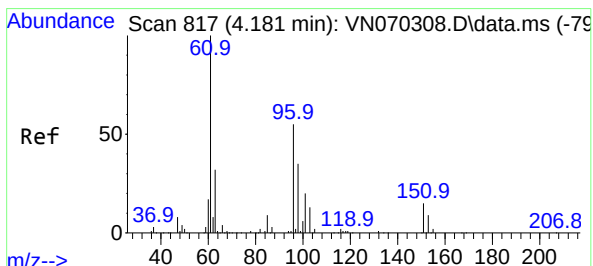
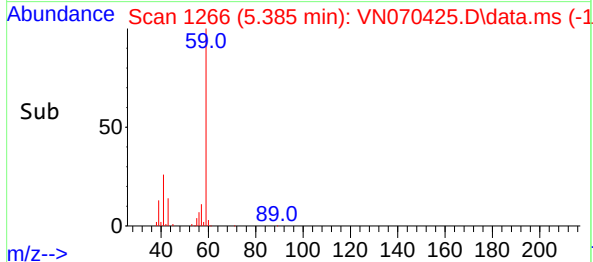
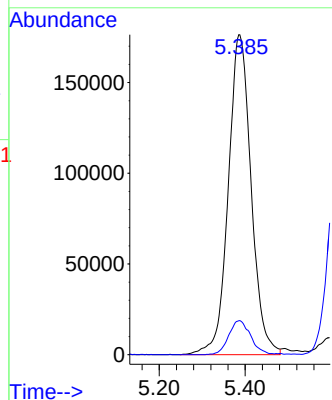
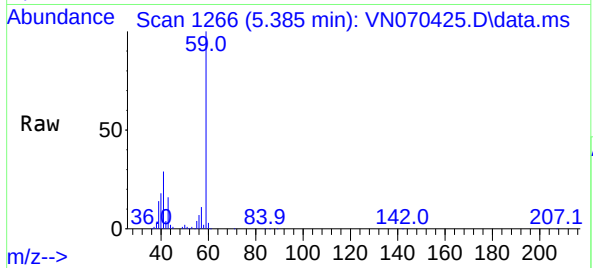




#11  
Tert butyl alcohol  
Concen: 306.706 ug/l  
RT: 5.385 min Scan# 11  
Delta R.T. 0.008 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

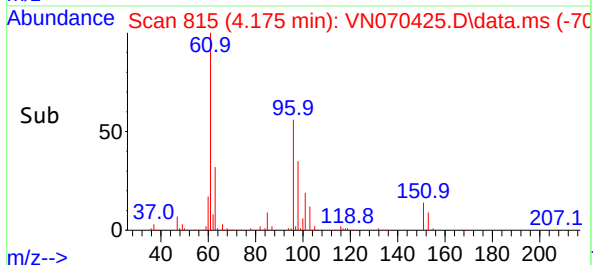
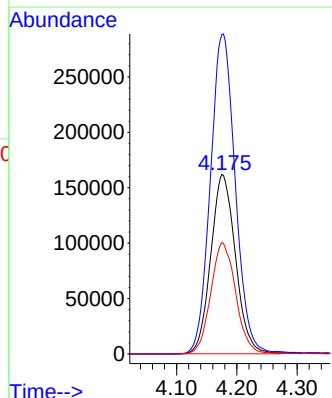
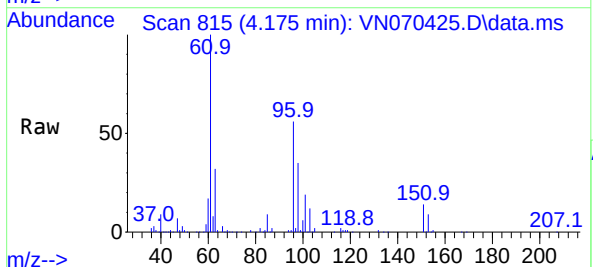
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

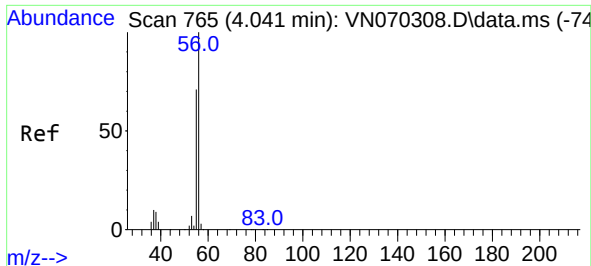
Tgt Ion: 59 Resp: 652099  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 50.991 ug/l  
RT: 4.175 min Scan# 815  
Delta R.T. -0.006 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 96 Resp: 461211  
Ion Ratio Lower Upper  
96 100  
61 178.0 131.0 196.6  
98 62.0 52.4 78.6

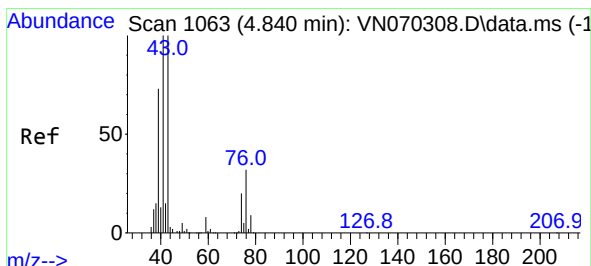
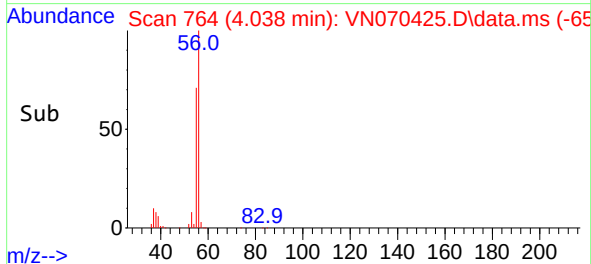
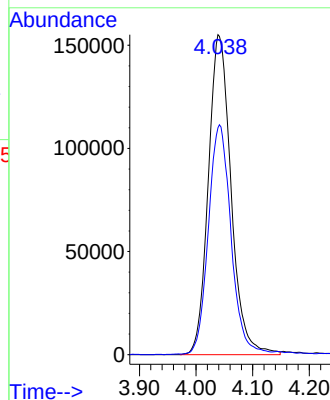
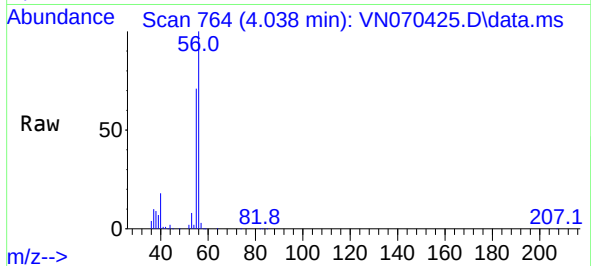




#13  
Acrolein  
Concen: 251.053 ug/l  
RT: 4.038 min Scan# 765  
Delta R.T. -0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

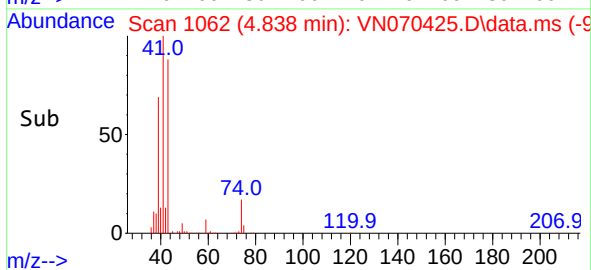
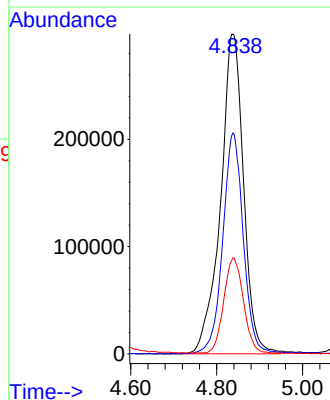
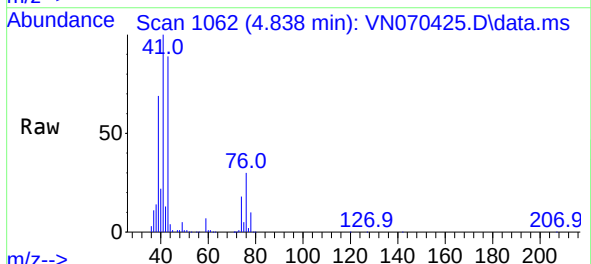
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

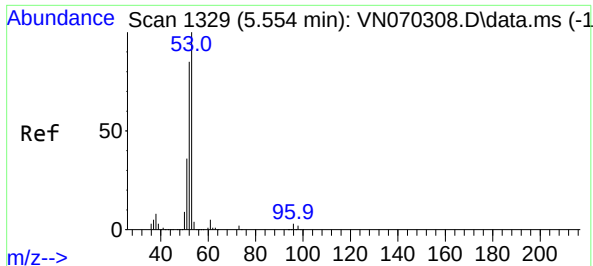
Tgt Ion: 56 Resp: 433097  
Ion Ratio Lower Upper  
56 100  
55 70.9 56.6 85.0



#14  
Allyl chloride  
Concen: 53.901 ug/l  
RT: 4.838 min Scan# 1062  
Delta R.T. -0.002 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 41 Resp: 1105337  
Ion Ratio Lower Upper  
41 100  
39 61.5 61.2 91.8  
76 25.6 26.0 39.0#

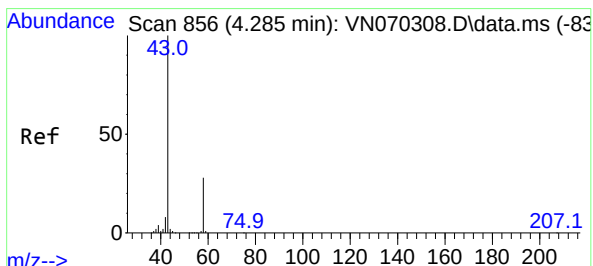
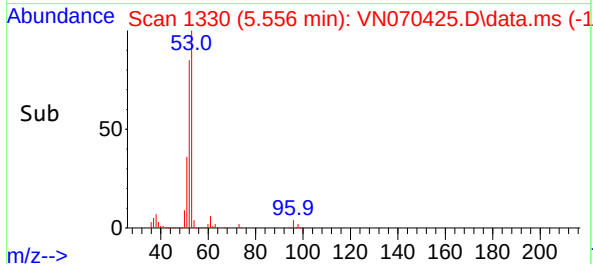
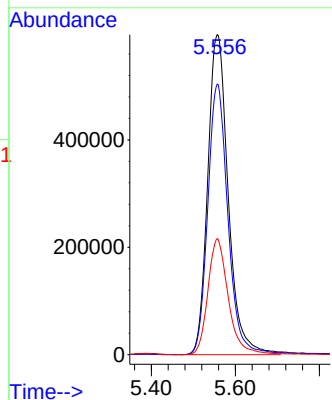
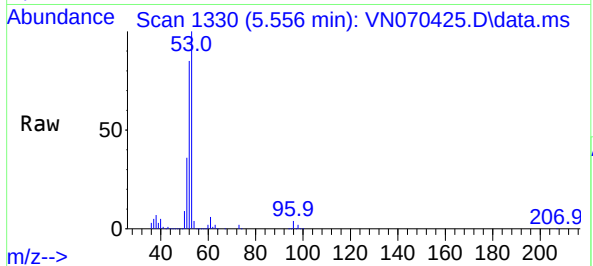




#15  
Acrylonitrile  
Concen: 304.468 ug/l  
RT: 5.556 min Scan# 11  
Delta R.T. 0.002 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

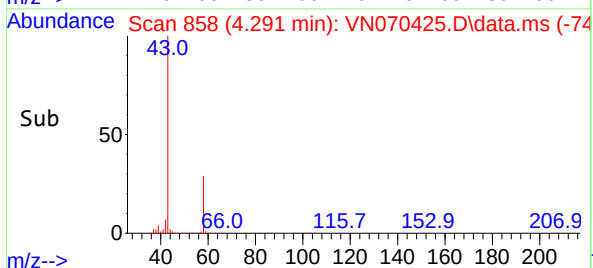
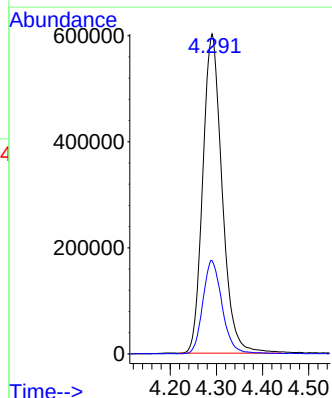
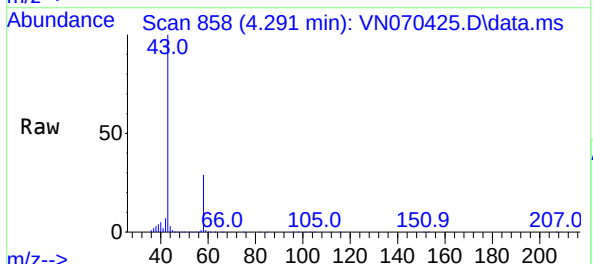
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

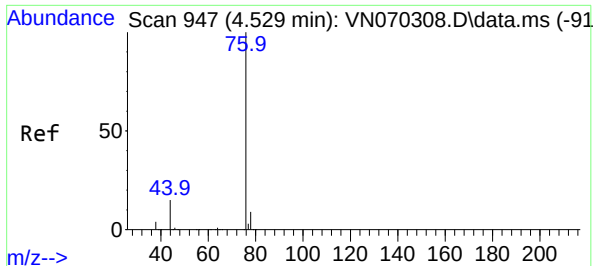
Tgt Ion: 53 Resp: 2020055  
Ion Ratio Lower Upper  
53 100  
52 82.9 66.2 99.2  
51 36.0 29.6 44.4



#16  
Acetone  
Concen: 211.123 ug/l  
RT: 4.291 min Scan# 858  
Delta R.T. 0.006 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 43 Resp: 1750044  
Ion Ratio Lower Upper  
43 100  
58 29.1 23.1 34.7

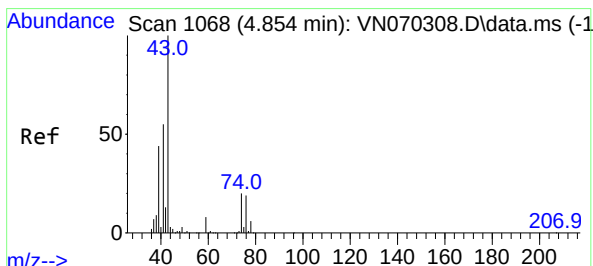
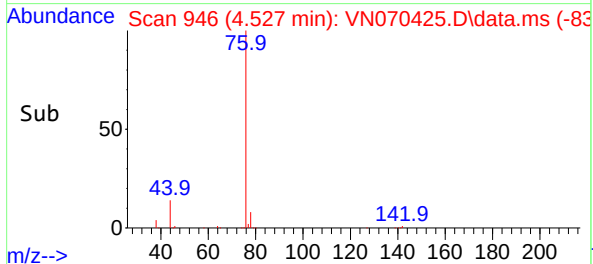
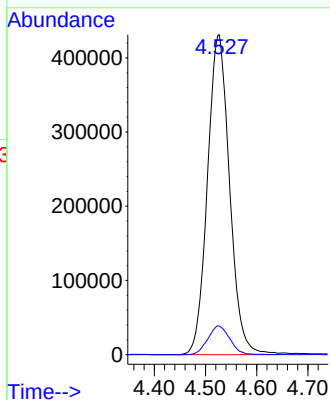
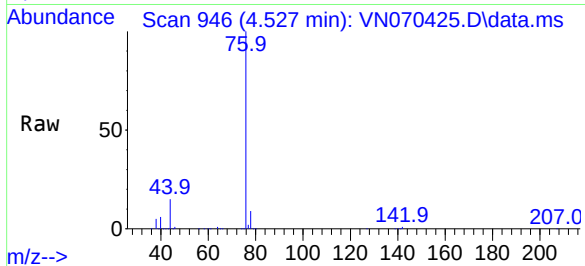




#17  
Carbon Disulfide  
Concen: 52.370 ug/l  
RT: 4.527 min Scan# 947  
Delta R.T. -0.002 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

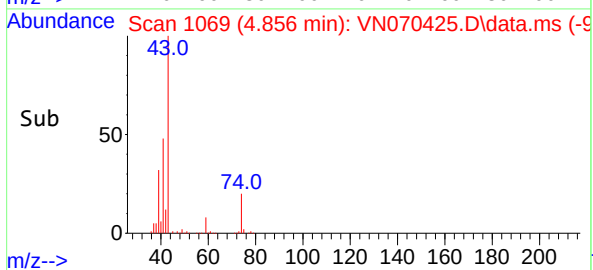
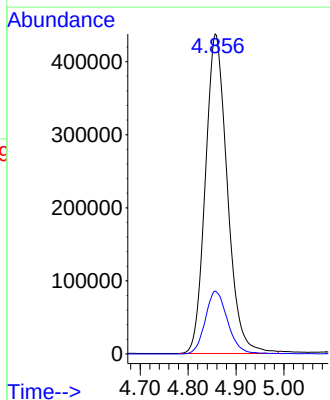
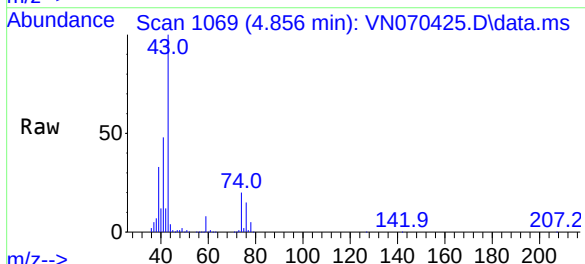
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

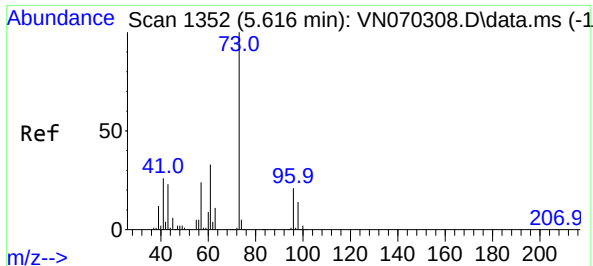
Tgt Ion: 76 Resp: 1292982  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.5 11.3



#18  
Methyl Acetate  
Concen: 58.002 ug/l  
RT: 4.856 min Scan# 1069  
Delta R.T. 0.002 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 43 Resp: 1390761  
Ion Ratio Lower Upper  
43 100  
74 19.9 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 52.869 ug/l

RT: 5.621 min Scan# 1157

Delta R.T. 0.005 min

Lab File: VN070425.D

Acq: 31 Dec 2021 3:55

Instrument :

MSVOA\_N

ClientSampleId :

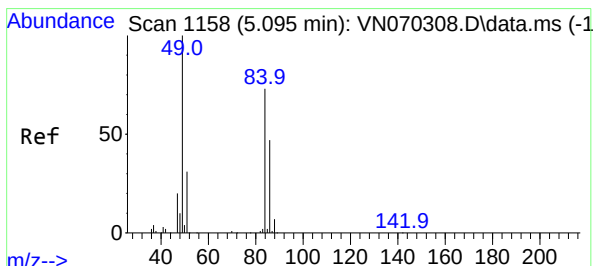
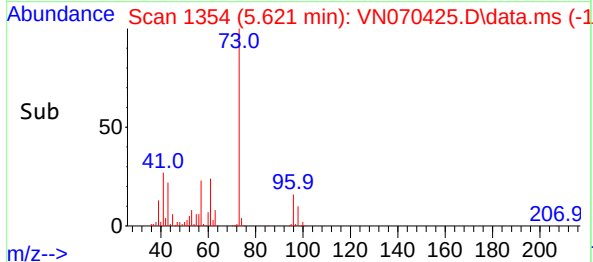
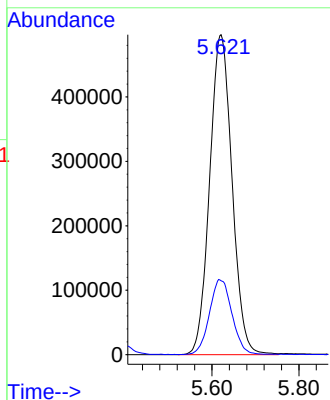
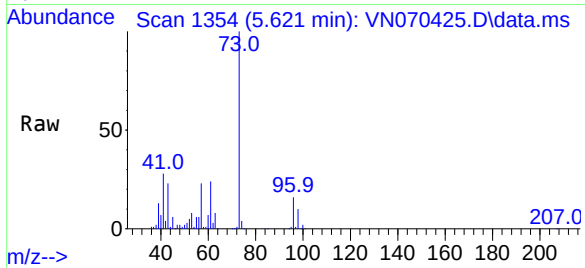
VSTDCCC050EC

Tgt Ion: 73 Resp: 1775868

Ion Ratio Lower Upper

73 100

57 23.1 16.8 25.2



#20

Methylene Chloride

Concen: 49.897 ug/l

RT: 5.092 min Scan# 1157

Delta R.T. -0.003 min

Lab File: VN070425.D

Acq: 31 Dec 2021 3:55

Tgt Ion: 84 Resp: 572252

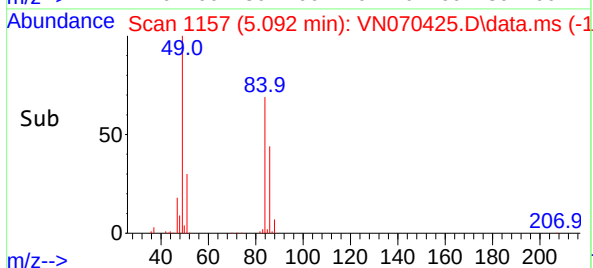
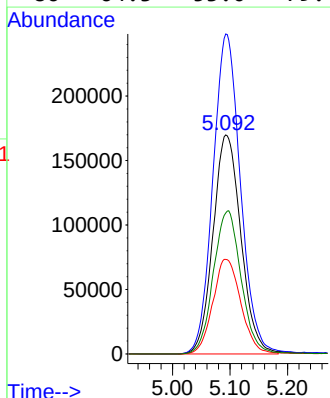
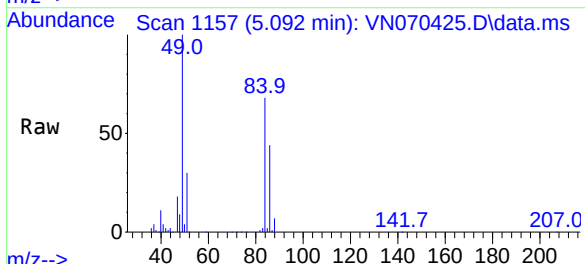
Ion Ratio Lower Upper

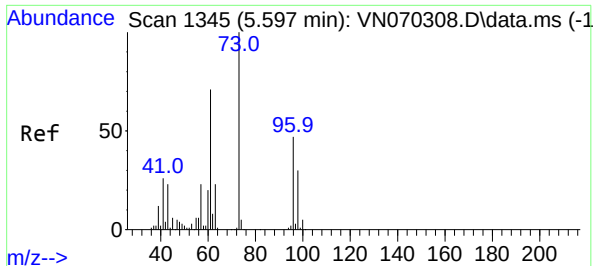
84 100

49 146.0 93.5 140.3#

51 43.2 29.4 44.2

86 64.3 53.0 79.4

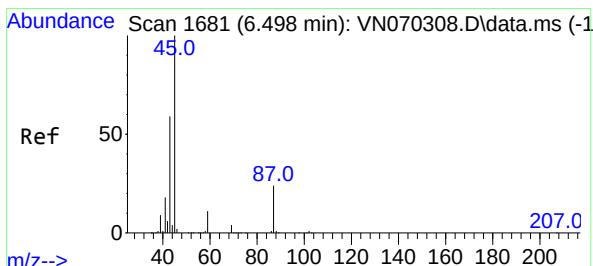
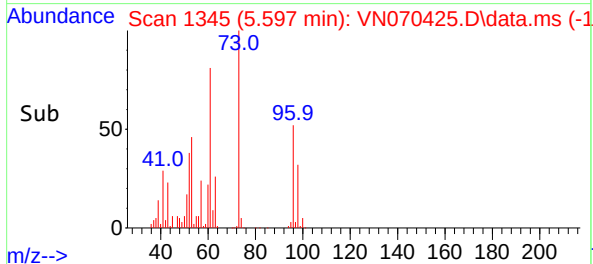
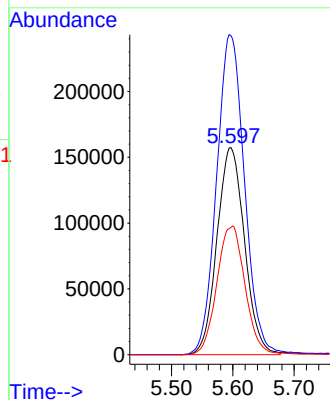
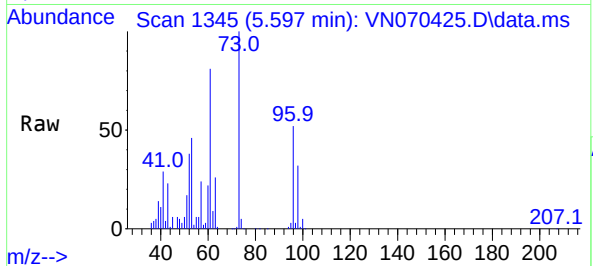




#21  
trans-1,2-Dichloroethene  
Concen: 51.393 ug/l  
RT: 5.597 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

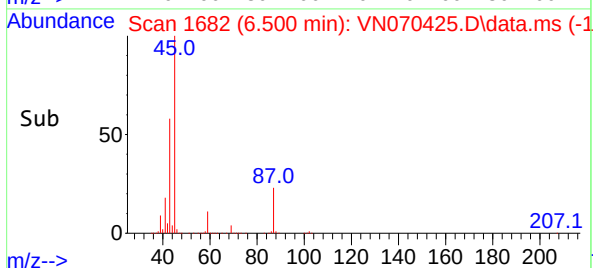
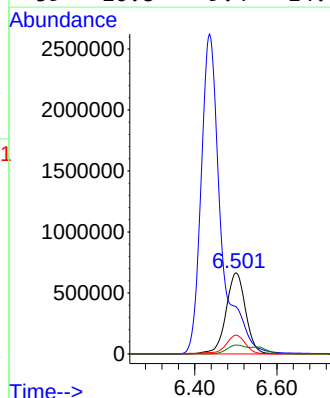
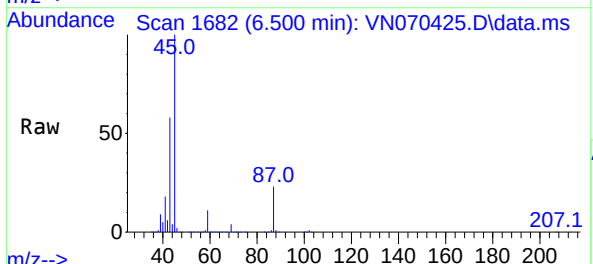
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

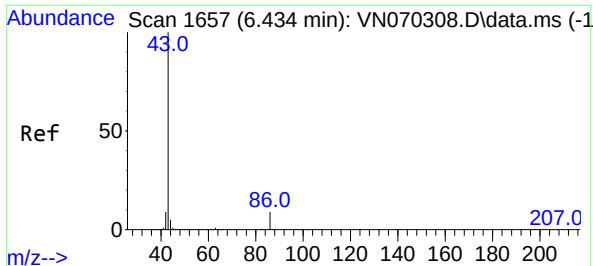
Tgt Ion: 96 Resp: 492175  
Ion Ratio Lower Upper  
96 100  
61 154.1 105.8 158.6  
98 61.5 52.0 78.0



#22  
Diisopropyl ether  
Concen: 55.192 ug/l  
RT: 6.500 min Scan# 1682  
Delta R.T. 0.002 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 45 Resp: 2204515  
Ion Ratio Lower Upper  
45 100  
43 57.9 51.7 77.5  
87 23.2 23.2 34.8#  
59 10.8 9.4 14.0

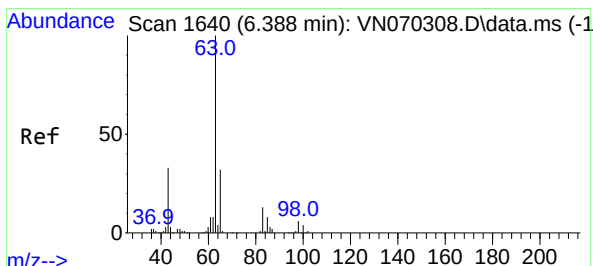
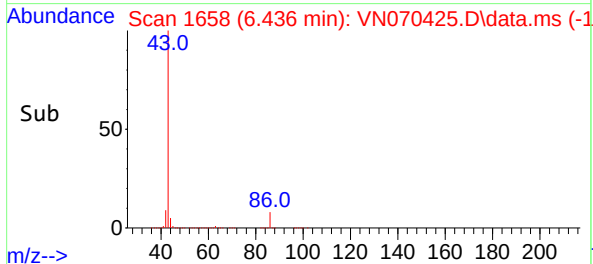
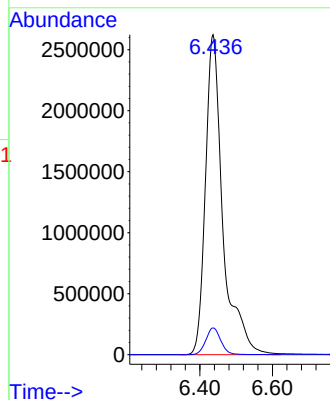
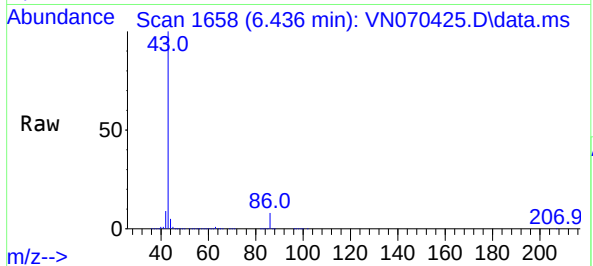




#23  
 Vinyl Acetate  
 Concen: 282.610 ug/l  
 RT: 6.436 min Scan# 1657  
 Delta R.T. 0.002 min  
 Lab File: VN070425.D  
 Acq: 31 Dec 2021 3:55

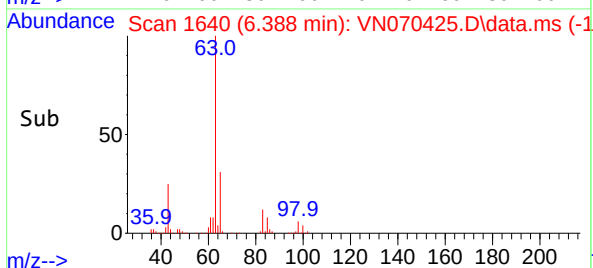
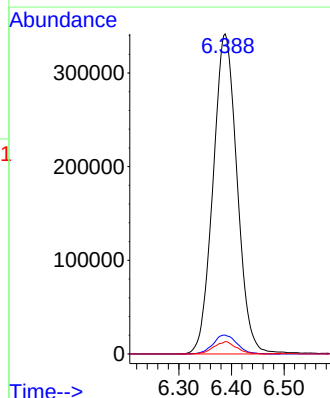
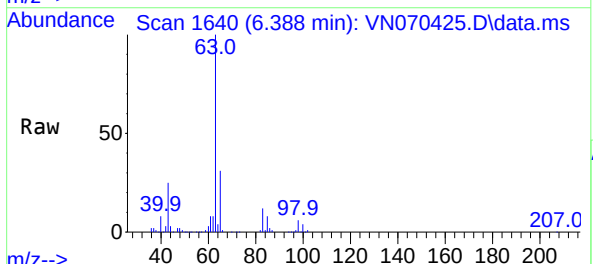
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 8758109  
 Ion Ratio Lower Upper  
 43 100  
 86 8.4 8.5 12.7#

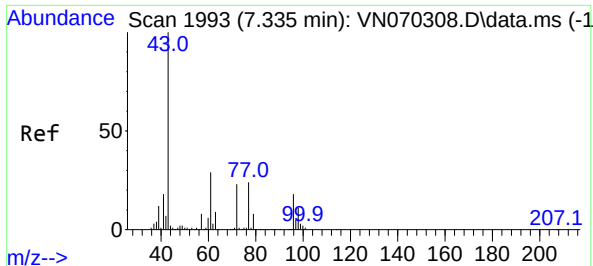


#24  
 1,1-Dichloroethane  
 Concen: 52.322 ug/l  
 RT: 6.388 min Scan# 1640  
 Delta R.T. -0.000 min  
 Lab File: VN070425.D  
 Acq: 31 Dec 2021 3:55

Tgt Ion: 63 Resp: 1083631  
 Ion Ratio Lower Upper  
 63 100  
 98 5.9 3.3 9.9  
 100 3.8 2.1 6.5



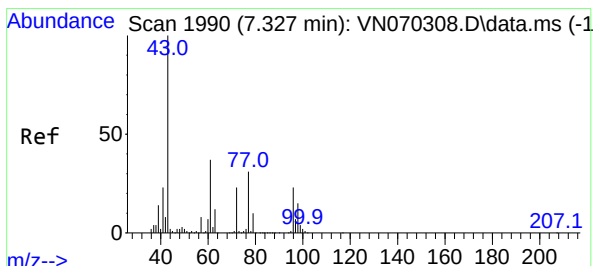
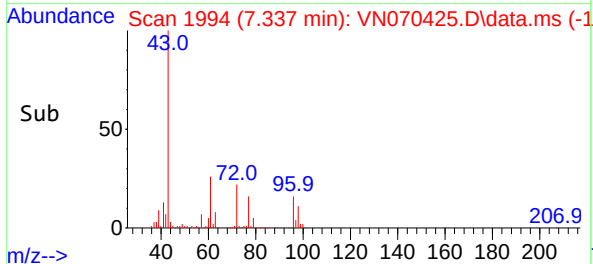
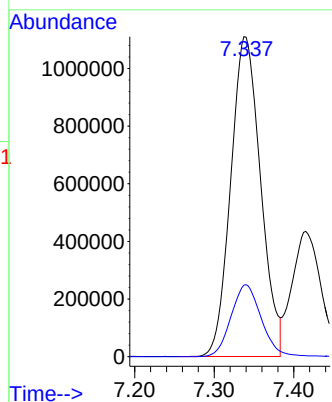
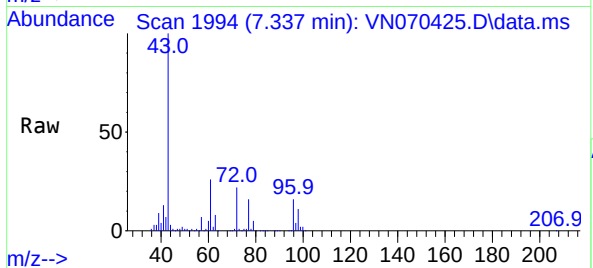




#25  
2-Butanone  
Concen: 277.579 ug/l  
RT: 7.337 min Scan# 1994  
Delta R.T. 0.002 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

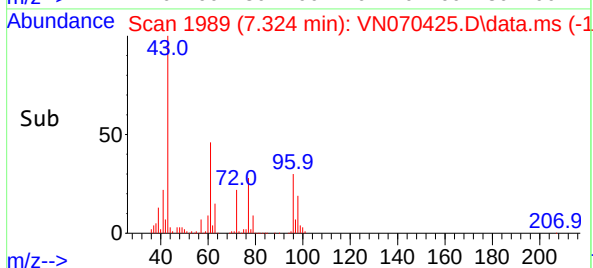
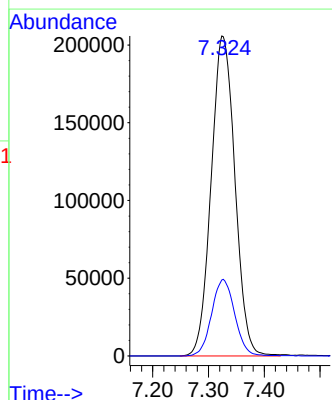
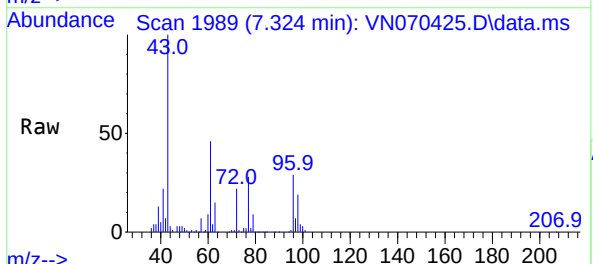
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

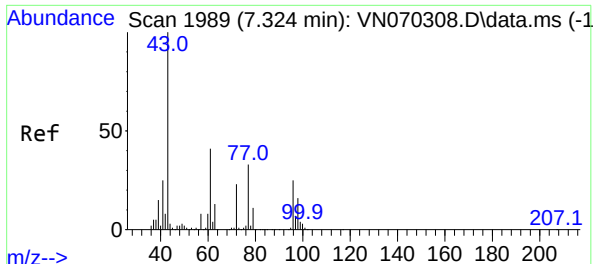
Tgt Ion: 43 Resp: 2897127  
Ion Ratio Lower Upper  
43 100  
72 22.4 21.7 32.5



#26  
2,2-Dichloropropane  
Concen: 37.272 ug/l  
RT: 7.324 min Scan# 1989  
Delta R.T. -0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 77 Resp: 608961  
Ion Ratio Lower Upper  
77 100  
97 23.2 11.6 34.8

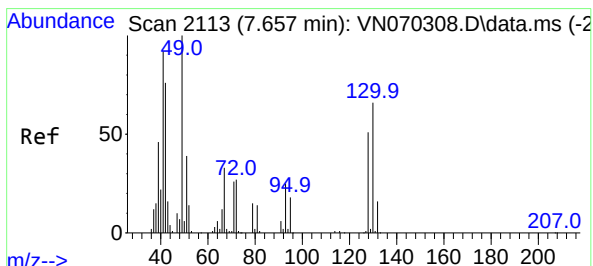
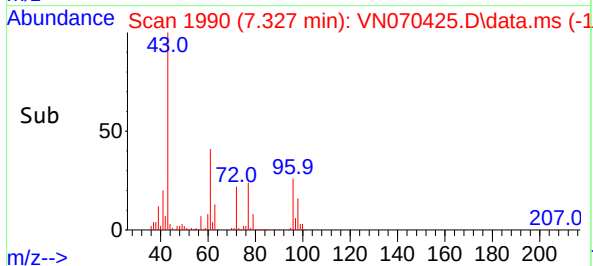
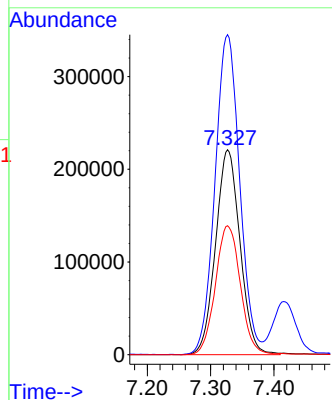
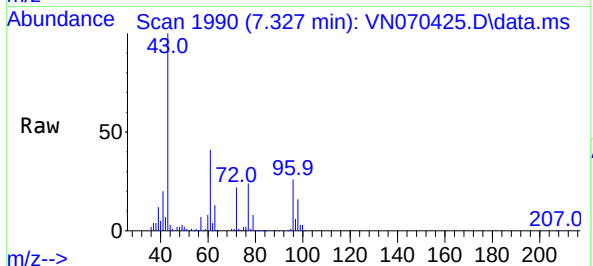




#27  
 cis-1,2-Dichloroethene  
 Concen: 51.927 ug/l  
 RT: 7.327 min Scan# 1989  
 Delta R.T. 0.003 min  
 Lab File: VN070425.D  
 Acq: 31 Dec 2021 3:55

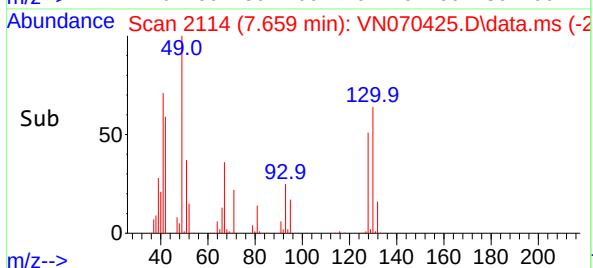
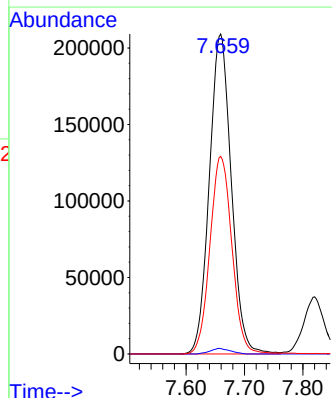
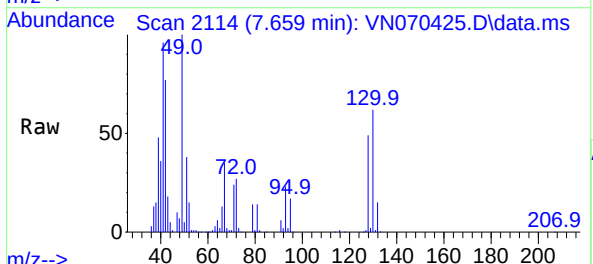
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

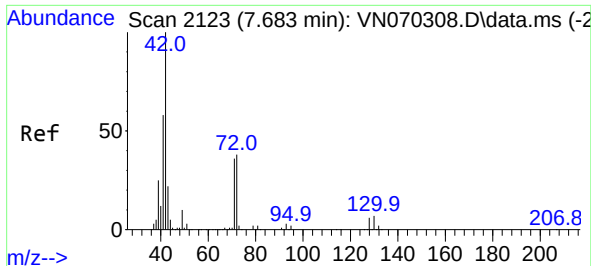
Tgt Ion: 96 Resp: 593379  
 Ion Ratio Lower Upper  
 96 100  
 61 157.2 0.0 275.0  
 98 64.1 0.0 129.6



#28  
 Bromochloromethane  
 Concen: 53.965 ug/l  
 RT: 7.659 min Scan# 2114  
 Delta R.T. 0.002 min  
 Lab File: VN070425.D  
 Acq: 31 Dec 2021 3:55

Tgt Ion: 49 Resp: 546587  
 Ion Ratio Lower Upper  
 49 100  
 129 1.6 0.0 4.0  
 130 61.8 67.8 101.8#





#29

Tetrahydrofuran

Concen: 311.905 ug/l

RT: 7.686 min Scan# 2123

Delta R.T. 0.003 min

Lab File: VN070425.D

Acq: 31 Dec 2021 3:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

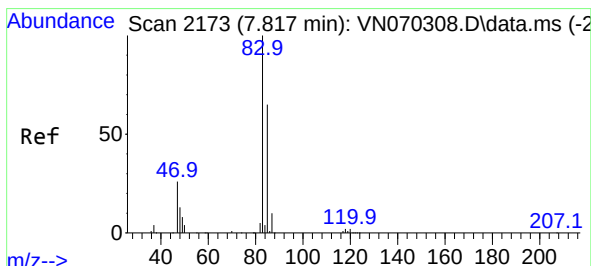
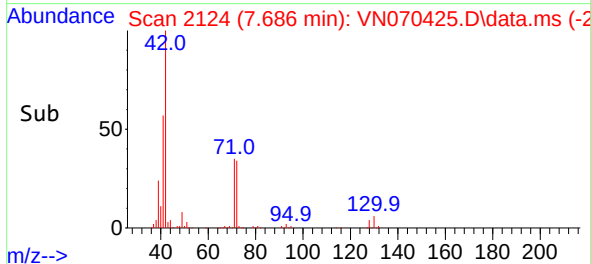
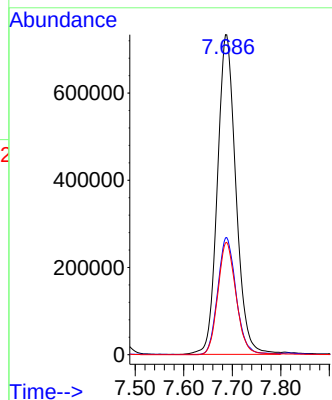
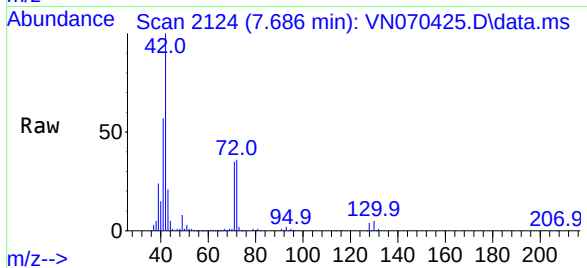
Tgt Ion: 42 Resp: 1942280

Ion Ratio Lower Upper

42 100

72 36.2 36.3 54.5#

71 34.5 34.7 52.1#



#30

Chloroform

Concen: 51.614 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.003 min

Lab File: VN070425.D

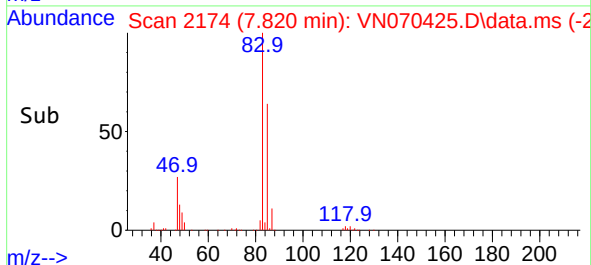
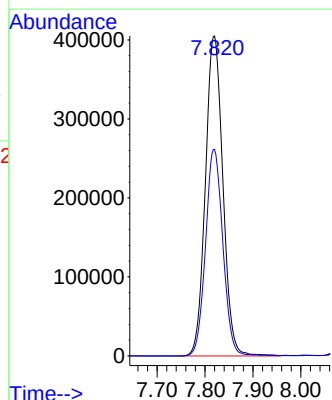
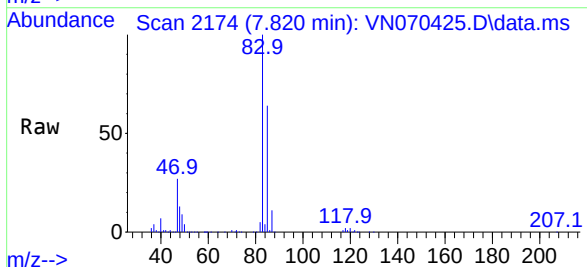
Acq: 31 Dec 2021 3:55

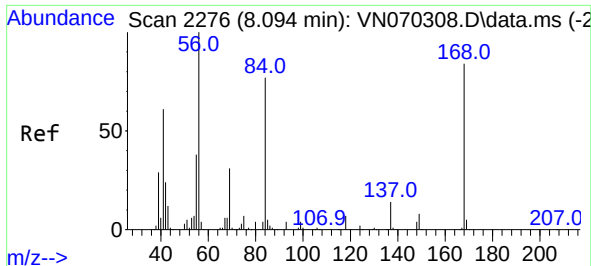
Tgt Ion: 83 Resp: 1031248

Ion Ratio Lower Upper

83 100

85 64.5 51.9 77.9

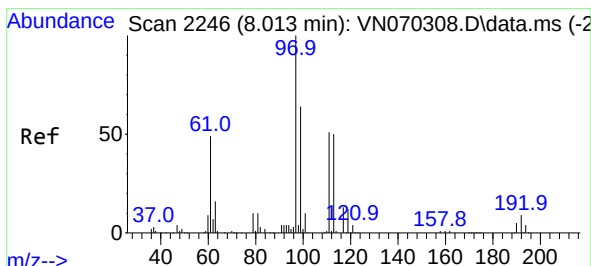
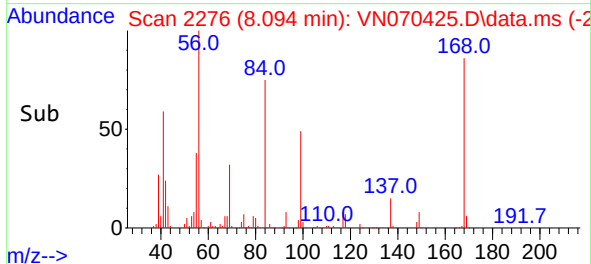
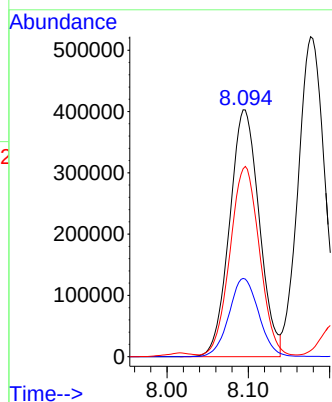
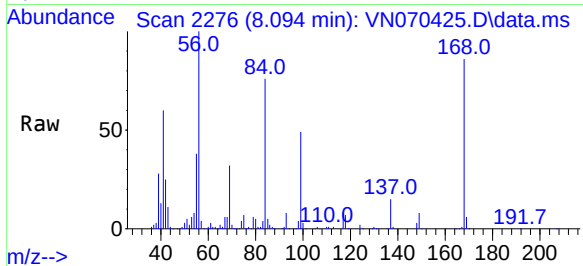




#31  
Cyclohexane  
Concen: 50.851 ug/l  
RT: 8.094 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

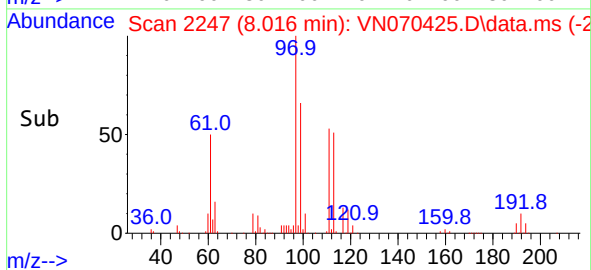
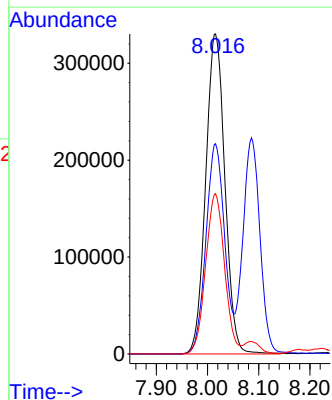
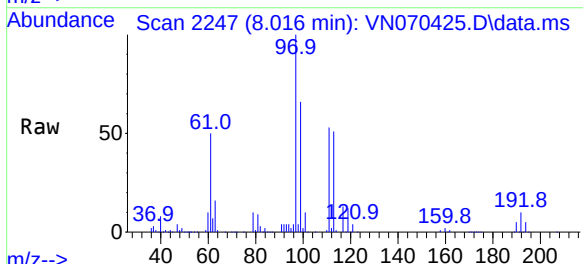
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

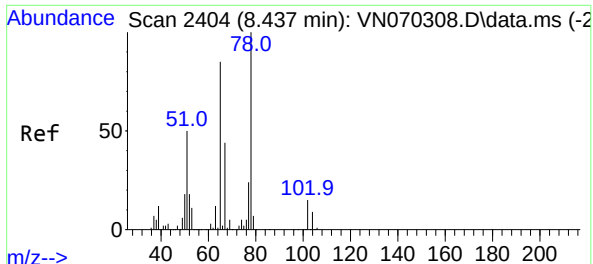
Tgt Ion: 56 Resp: 1024661  
Ion Ratio Lower Upper  
56 100  
69 31.7 27.1 40.7  
84 74.6 73.4 110.0



#32  
1,1,1-Trichloroethane  
Concen: 51.091 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 97 Resp: 860715  
Ion Ratio Lower Upper  
97 100  
99 63.6 50.1 75.1  
61 49.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.808 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070425.D

Acq: 31 Dec 2021 3:55

Instrument :

MSVOA\_N

ClientSampleId :

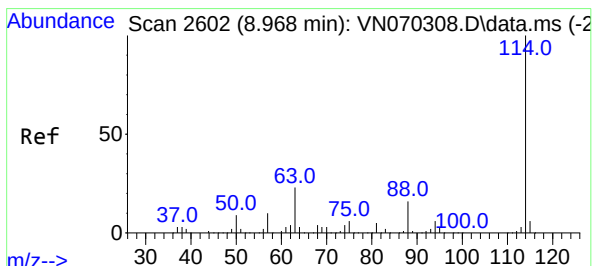
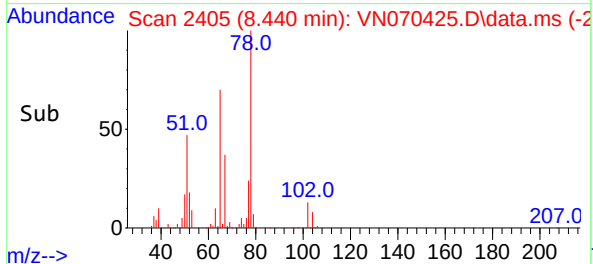
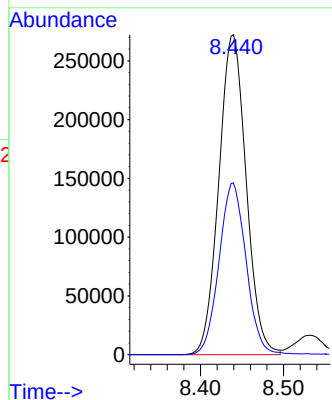
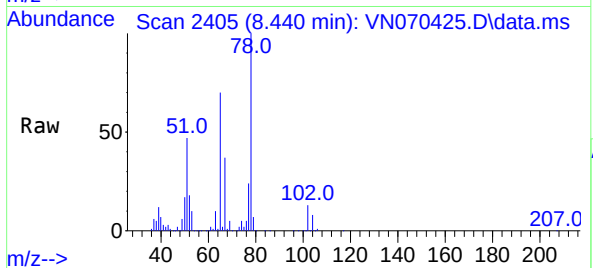
VSTDCCC050EC

Tgt Ion: 65 Resp: 623240

Ion Ratio Lower Upper

65 100

67 53.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070425.D

Acq: 31 Dec 2021 3:55

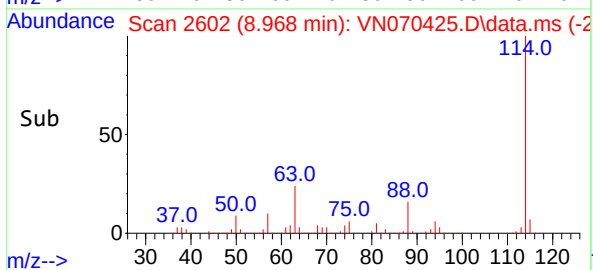
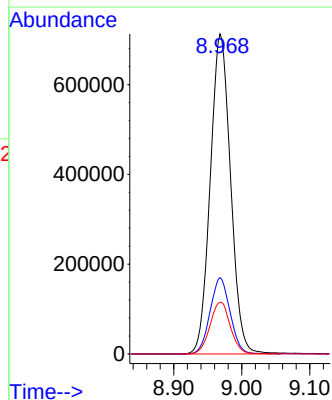
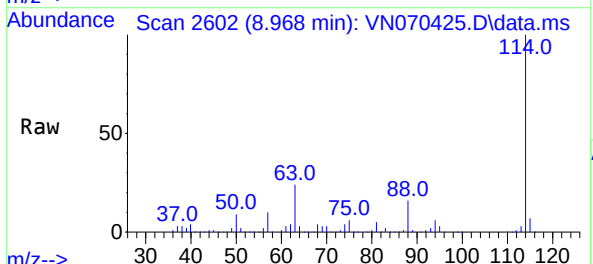
Tgt Ion: 114 Resp: 1478832

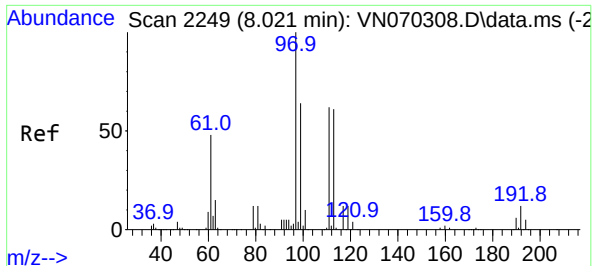
Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

88 16.2 0.0 27.4

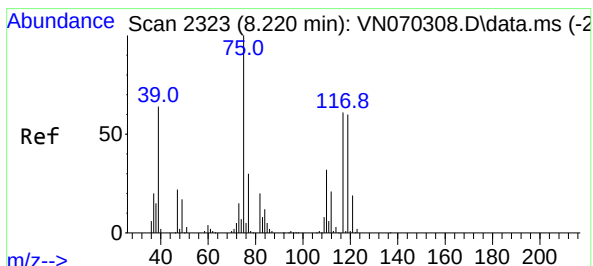
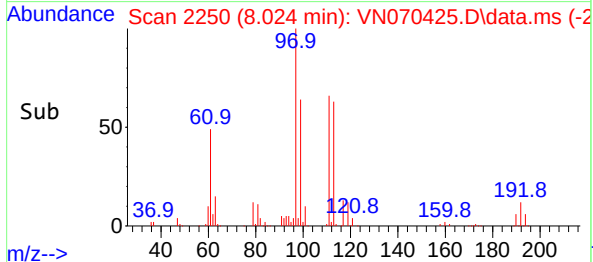
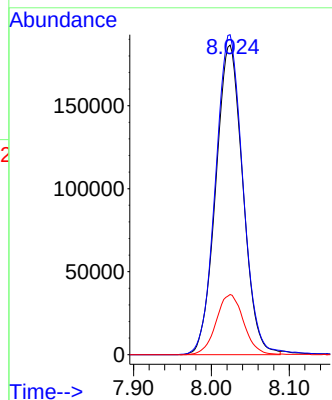
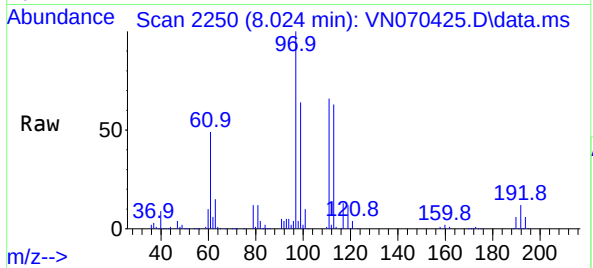




#35  
Dibromofluoromethane  
Concen: 50.378 ug/l  
RT: 8.024 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

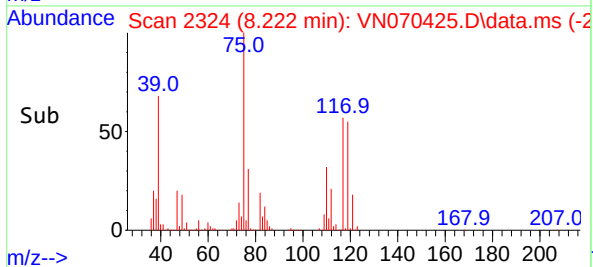
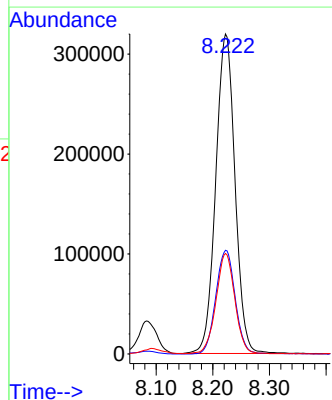
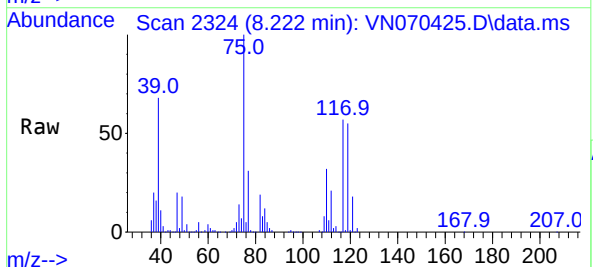
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

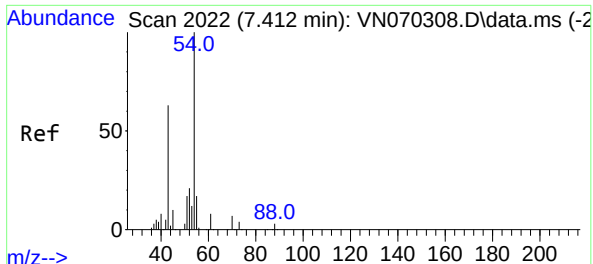
Tgt Ion:113 Resp: 450765  
Ion Ratio Lower Upper  
113 100  
111 104.6 82.2 123.2  
192 19.7 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 51.089 ug/l  
RT: 8.222 min Scan# 2324  
Delta R.T. 0.002 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 75 Resp: 756207  
Ion Ratio Lower Upper  
75 100  
110 32.7 18.4 55.2  
77 30.8 24.4 36.6



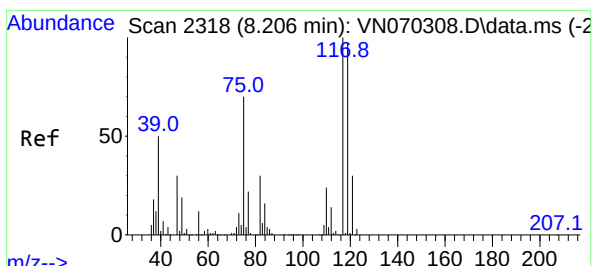
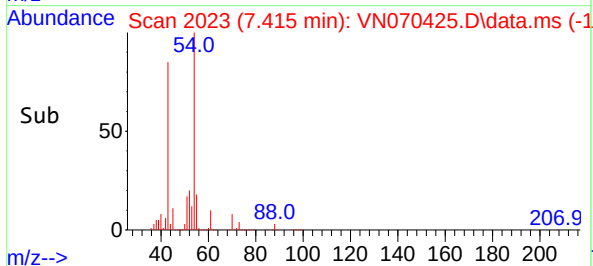
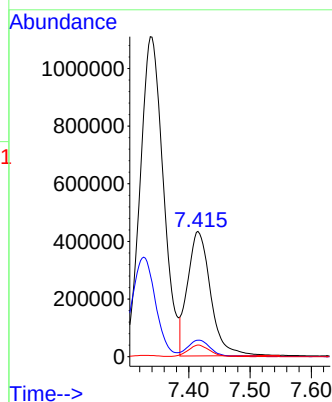
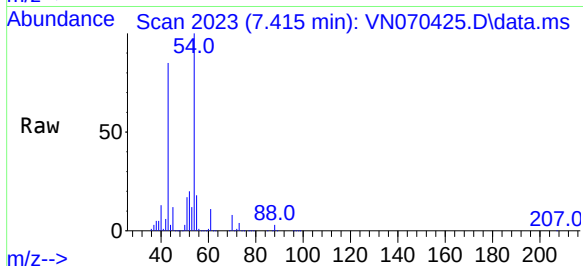


#37  
Ethyl Acetate  
Concen: 58.555 ug/l  
RT: 7.415 min Scan# 2022  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 1123454

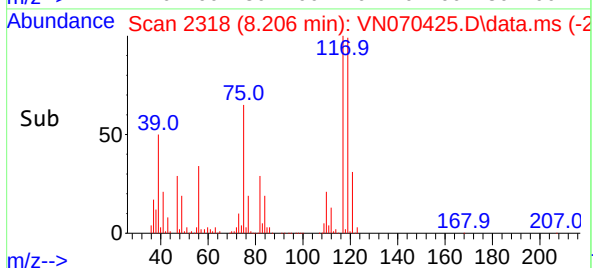
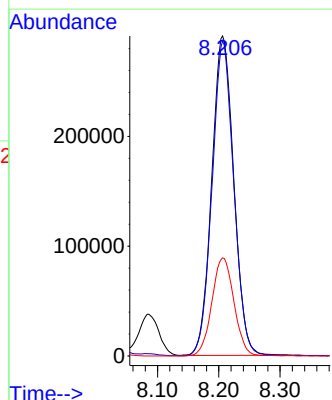
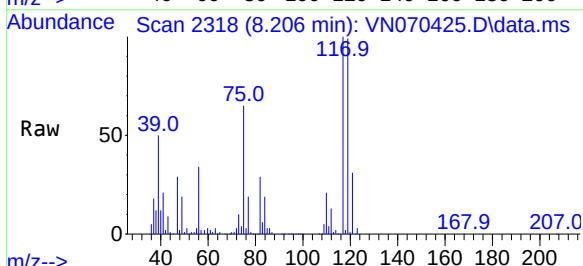
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 12.4  | 11.5  | 17.3  |
| 70  | 8.8   | 7.9   | 11.9  |

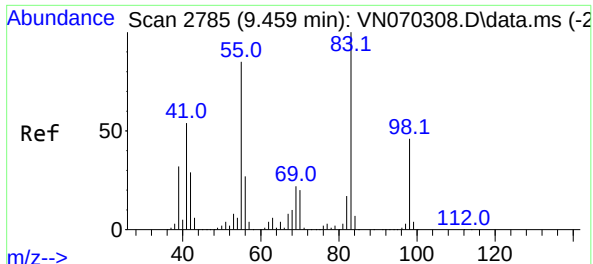


#38  
Carbon Tetrachloride  
Concen: 51.328 ug/l  
RT: 8.206 min Scan# 2318  
Delta R.T. 0.000 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 117 Resp: 725474

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 98.7  | 76.1  | 114.1 |
| 121 | 30.7  | 24.2  | 36.2  |





#39

Methylcyclohexane

Concen: 50.580 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070425.D

Acq: 31 Dec 2021 3:55

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

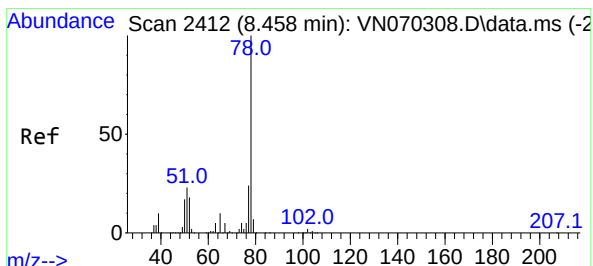
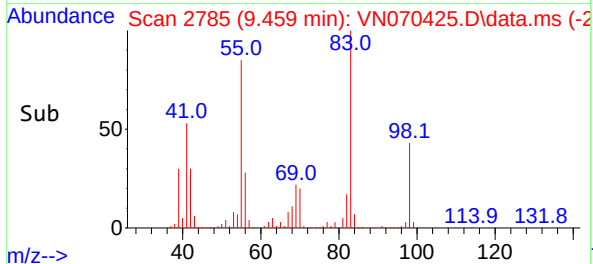
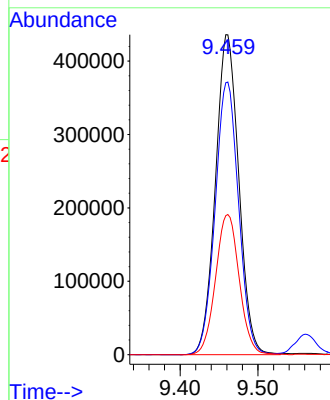
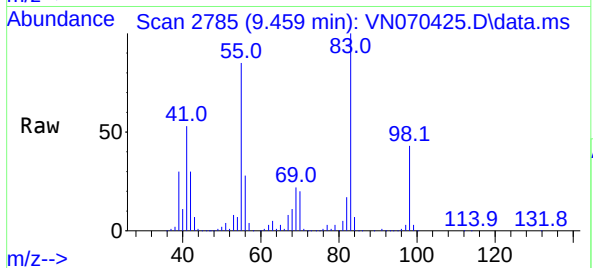
Tgt Ion: 83 Resp: 906381

Ion Ratio Lower Upper

83 100

55 85.0 58.1 87.1

98 43.5 38.4 57.6



#40

Benzene

Concen: 52.511 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.003 min

Lab File: VN070425.D

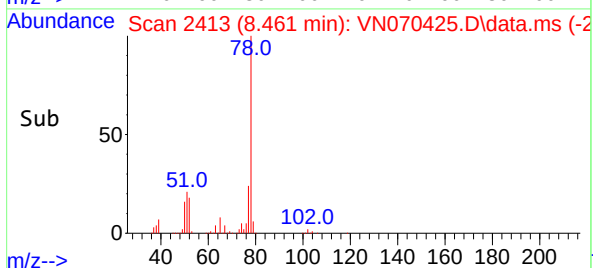
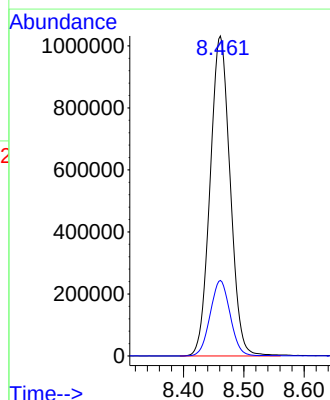
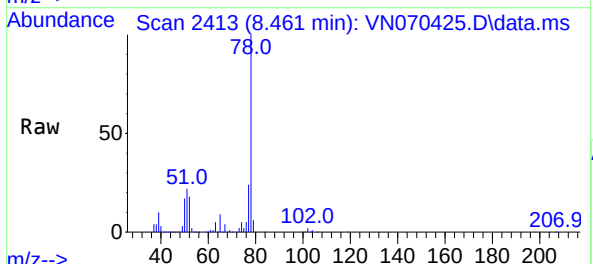
Acq: 31 Dec 2021 3:55

Tgt Ion: 78 Resp: 2382883

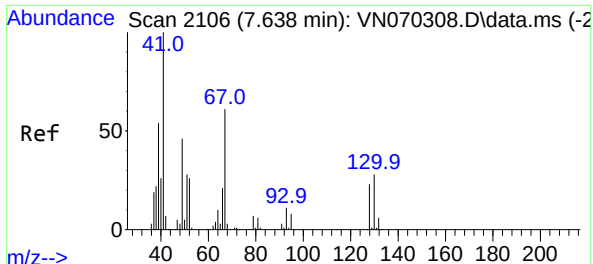
Ion Ratio Lower Upper

78 100

77 23.6 18.6 27.8





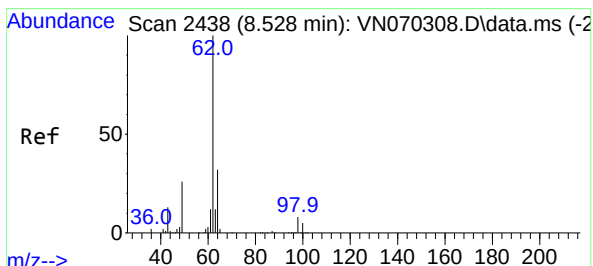
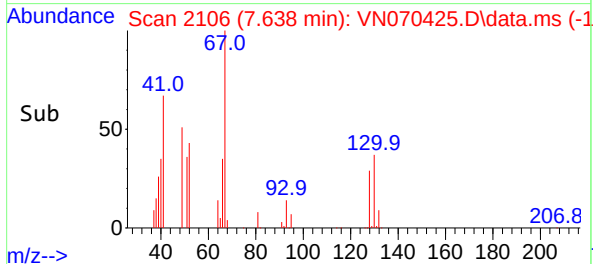
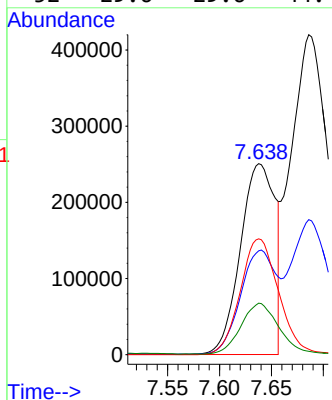
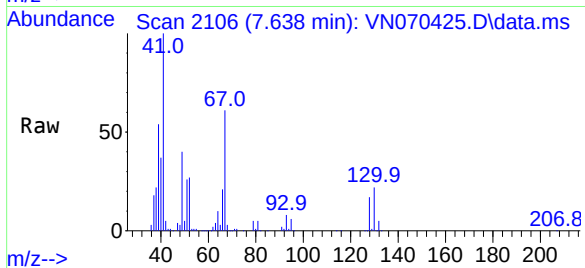


#41  
Methacrylonitrile  
Concen: 60.349 ug/l  
RT: 7.638 min Scan# 2106  
Delta R.T. -0.000 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 579147

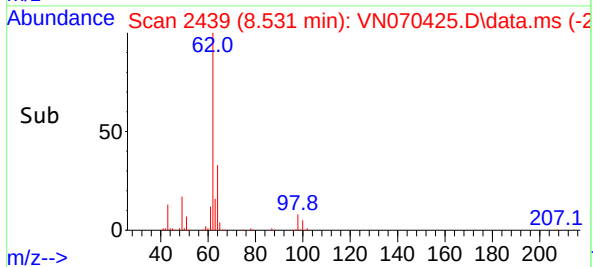
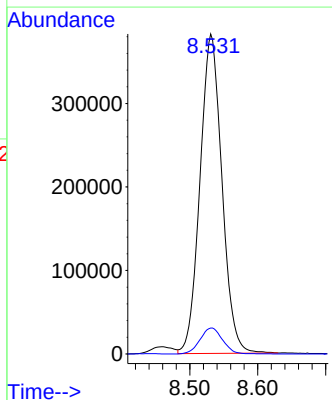
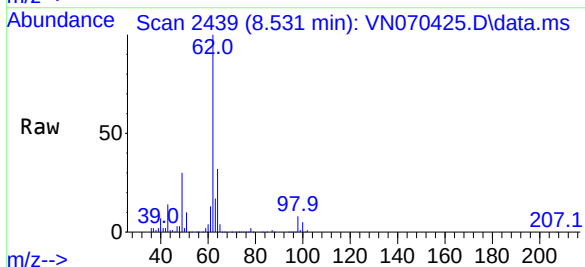
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 41  | 100   |       |        |
| 39  | 56.6  | 48.1  | 72.1   |
| 67  | 68.0  | 68.3  | 102.5# |
| 52  | 29.6  | 29.6  | 44.4   |

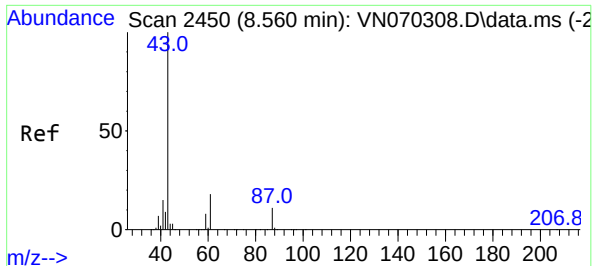


#42  
1,2-Dichloroethane  
Concen: 50.259 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 62 Resp: 857266

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.3   | 0.0   | 17.6  |

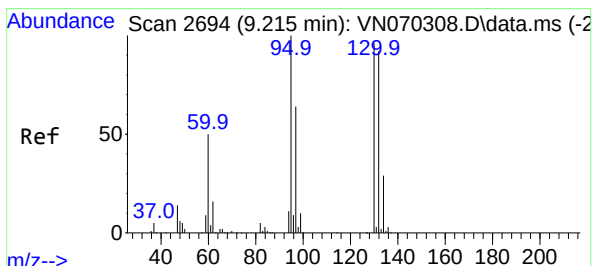
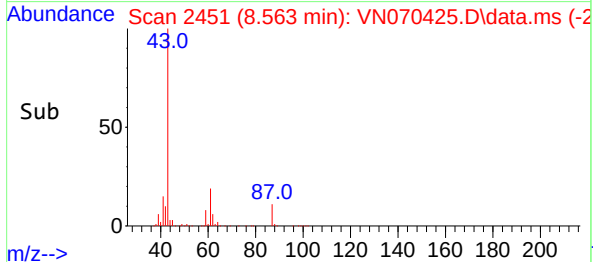
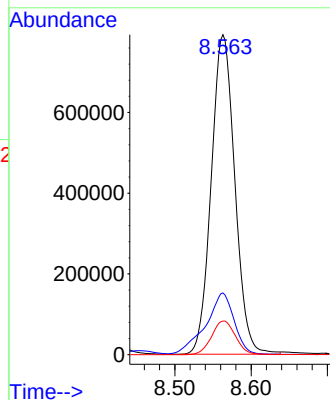
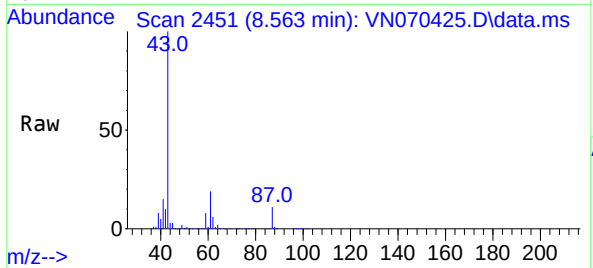




#43  
Isopropyl Acetate  
Concen: 56.265 ug/l  
RT: 8.563 min Scan# 2451  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

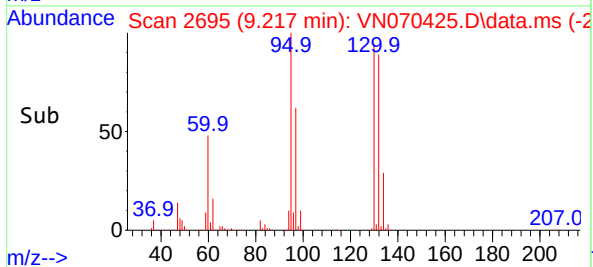
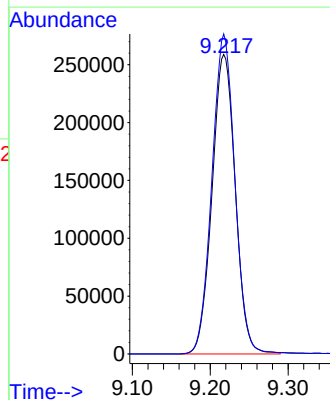
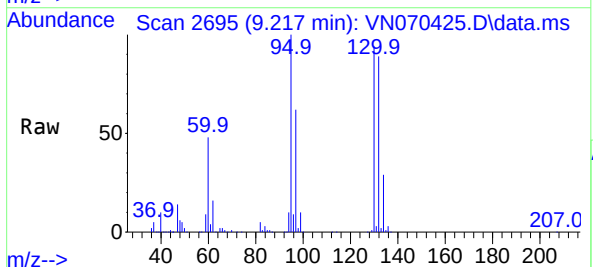
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

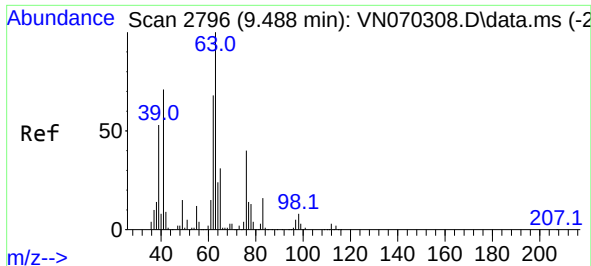
Tgt Ion: 43 Resp: 1702006  
Ion Ratio Lower Upper  
43 100  
61 23.5 20.4 30.6  
87 10.7 11.2 16.8#



#44  
Trichloroethene  
Concen: 49.757 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. 0.002 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 130 Resp: 536501  
Ion Ratio Lower Upper  
130 100  
95 106.8 0.0 191.2





#45

1,2-Dichloropropane

Concen: 54.051 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070425.D

Acq: 31 Dec 2021 3:55

Instrument :

MSVOA\_N

ClientSampleId :

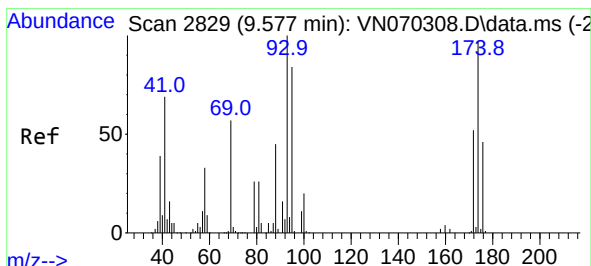
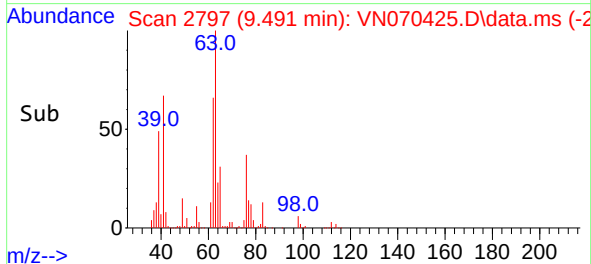
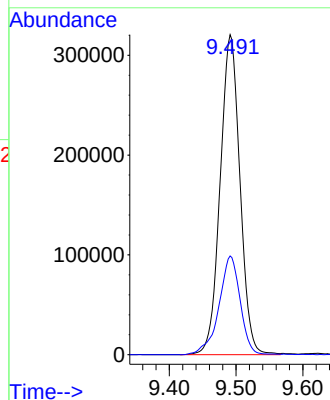
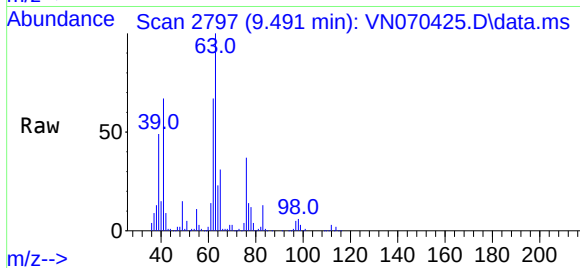
VSTDCCC050EC

Tgt Ion: 63 Resp: 660405

Ion Ratio Lower Upper

63 100

65 30.9 24.7 37.1



#46

Dibromomethane

Concen: 52.862 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.002 min

Lab File: VN070425.D

Acq: 31 Dec 2021 3:55

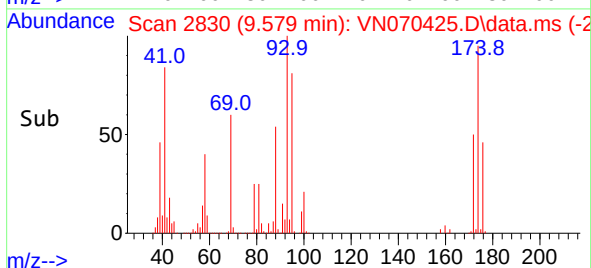
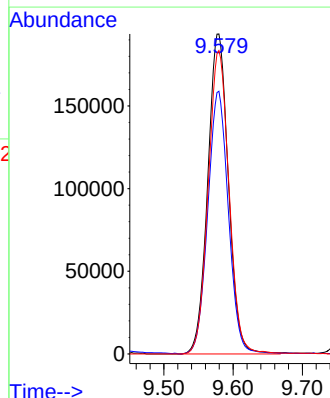
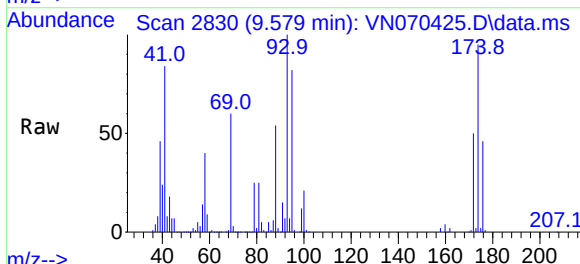
Tgt Ion: 93 Resp: 401619

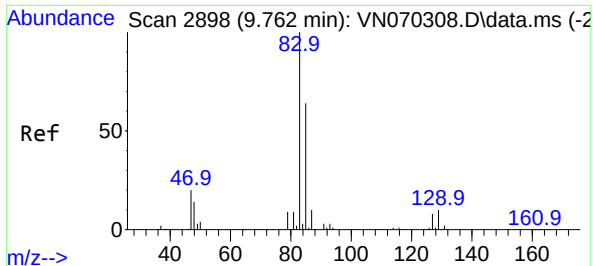
Ion Ratio Lower Upper

93 100

95 82.0 65.9 98.9

174 95.0 84.6 127.0

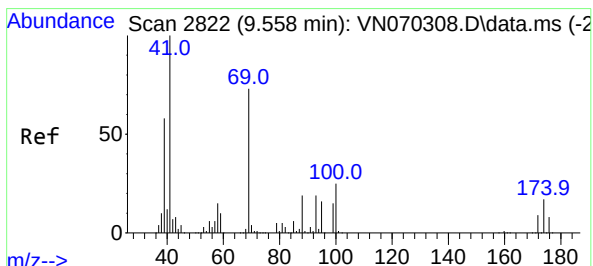
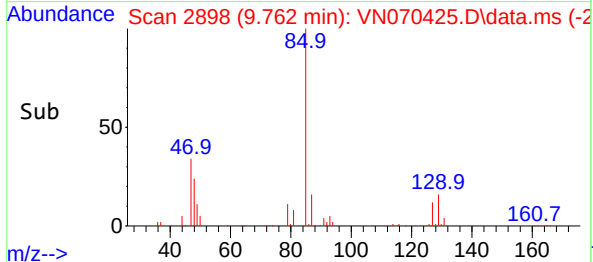
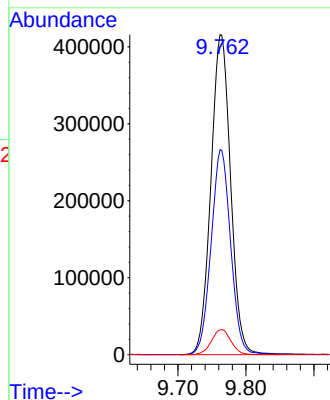
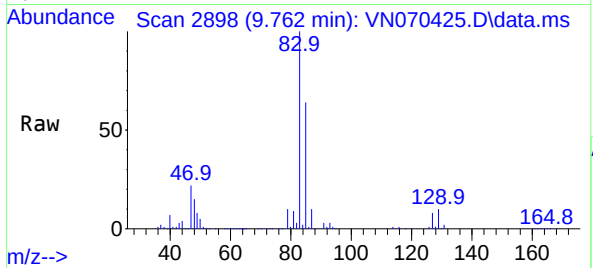




#47  
Bromodichloromethane  
Concen: 55.514 ug/l  
RT: 9.762 min Scan# 2898  
Delta R.T. -0.000 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

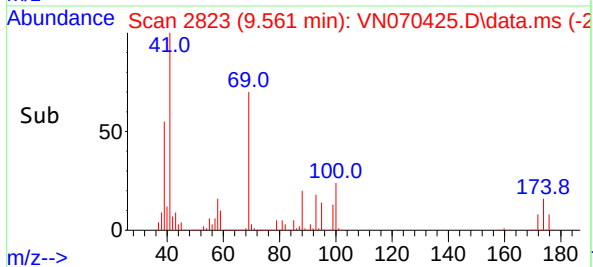
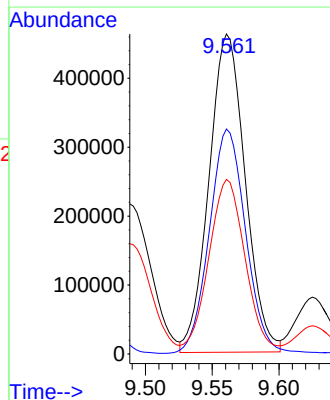
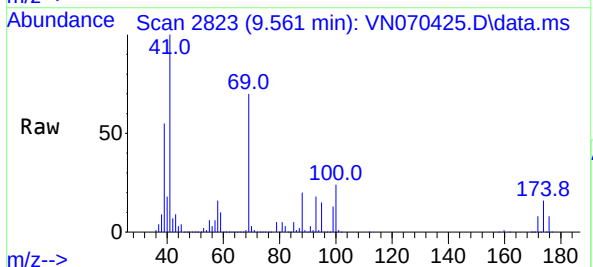
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

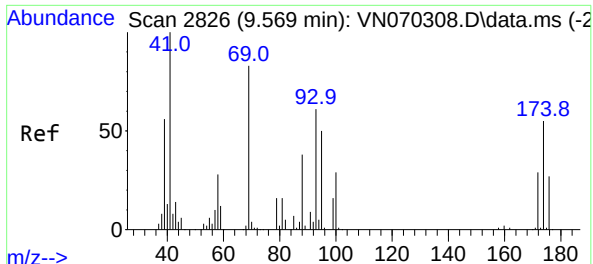
Tgt Ion: 83 Resp: 837467  
Ion Ratio Lower Upper  
83 100  
85 64.1 50.9 76.3  
127 7.7 7.1 10.7



#48  
Methyl methacrylate  
Concen: 60.398 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 41 Resp: 871465  
Ion Ratio Lower Upper  
41 100  
69 70.8 72.4 108.6#  
39 55.1 58.4 87.6#

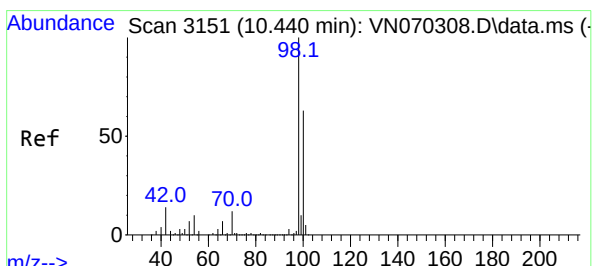
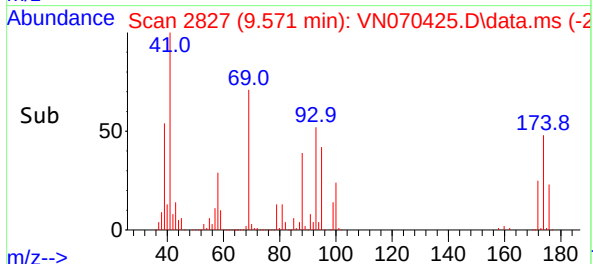
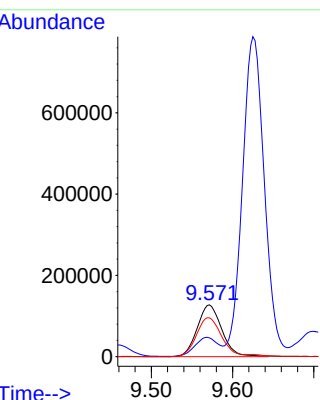
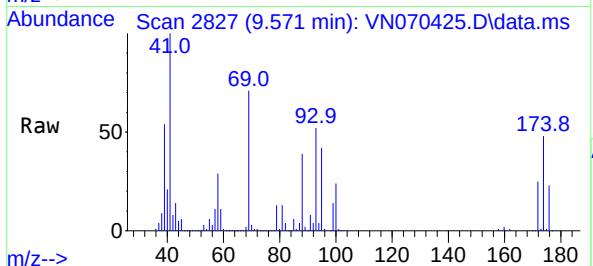




#49  
1,4-Dioxane  
Concen: 1269.307 ug/l  
RT: 9.571 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

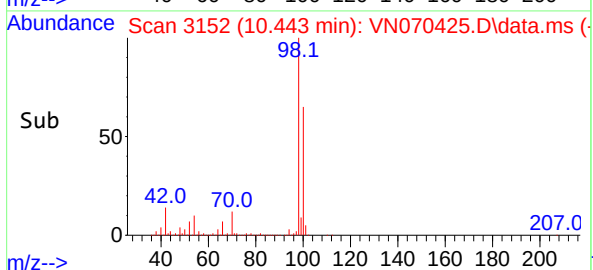
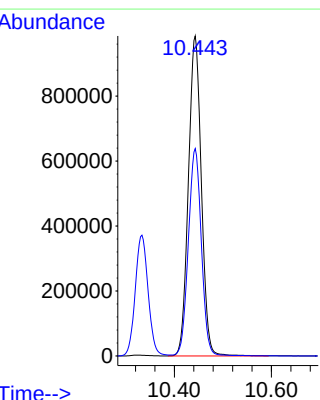
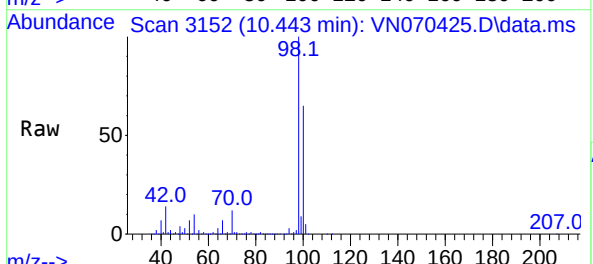
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

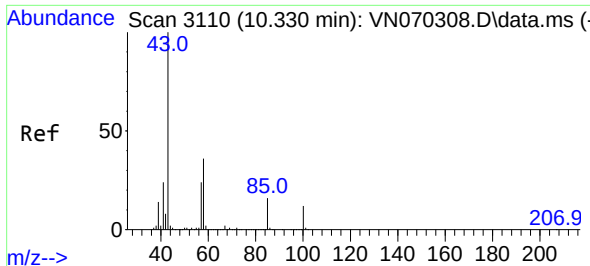
Tgt Ion: 88 Resp: 268091  
Ion Ratio Lower Upper  
88 100  
43 34.0 23.4 35.2  
58 79.8 50.6 75.8#



#50  
Toluene-d8  
Concen: 49.882 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 98 Resp: 1823311  
Ion Ratio Lower Upper  
98 100  
100 64.8 50.4 75.6

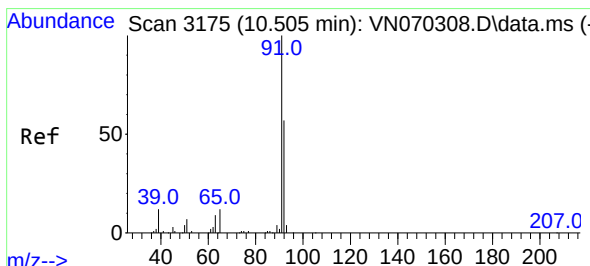
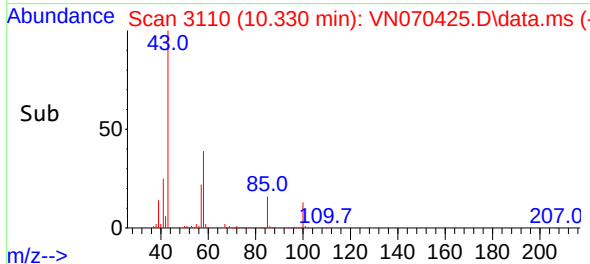
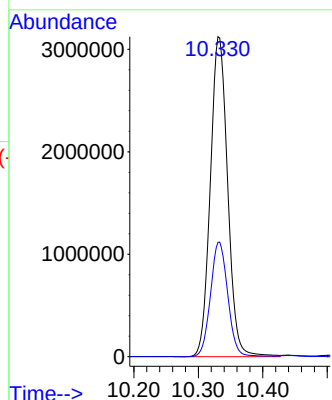
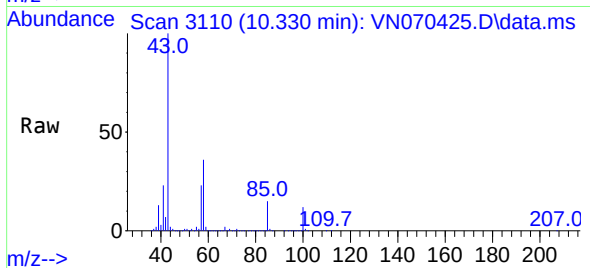




#51  
4-Methyl-2-Pentanone  
Concen: 307.282 ug/l  
RT: 10.330 min Scan# 3110  
Delta R.T. 0.000 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

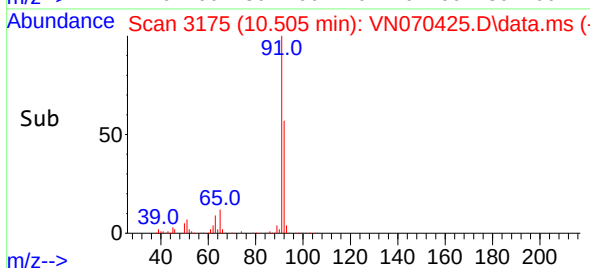
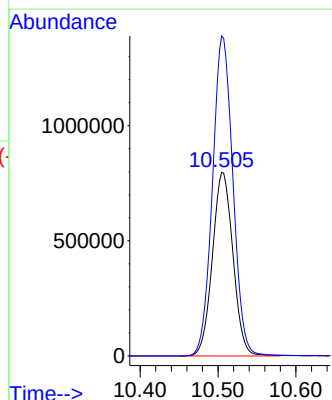
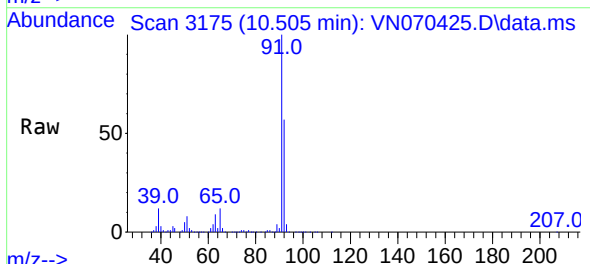
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

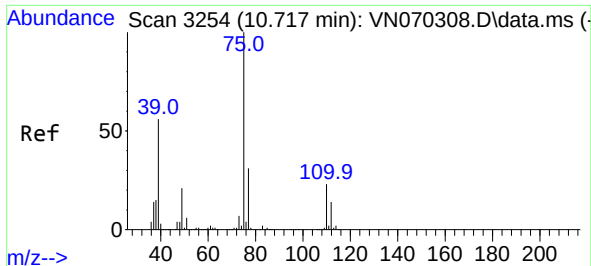
Tgt Ion: 43 Resp: 5840696  
Ion Ratio Lower Upper  
43 100  
58 35.7 30.4 45.6



#52  
Toluene  
Concen: 53.052 ug/l  
RT: 10.505 min Scan# 3175  
Delta R.T. -0.000 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 92 Resp: 1457213  
Ion Ratio Lower Upper  
92 100  
91 174.1 142.0 213.0

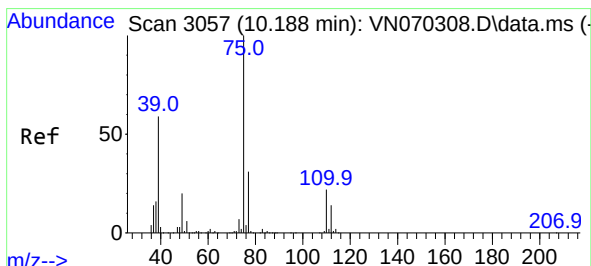
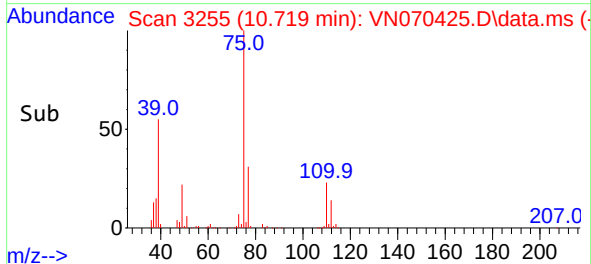
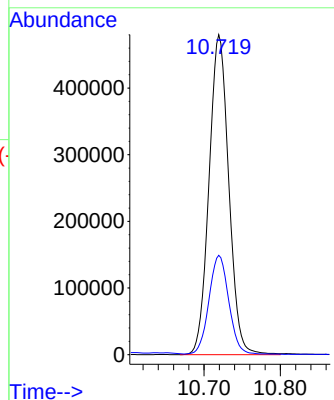
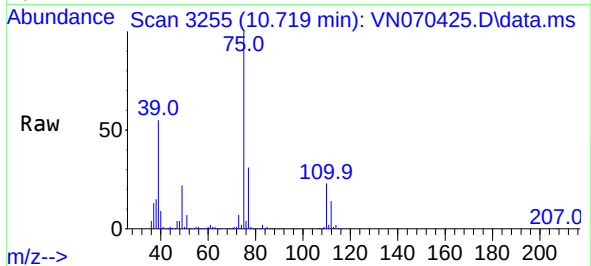




#53  
t-1,3-Dichloropropene  
Concen: 52.809 ug/l  
RT: 10.719 min Scan# 31  
Delta R.T. 0.002 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

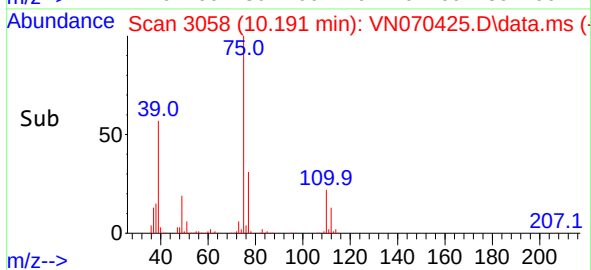
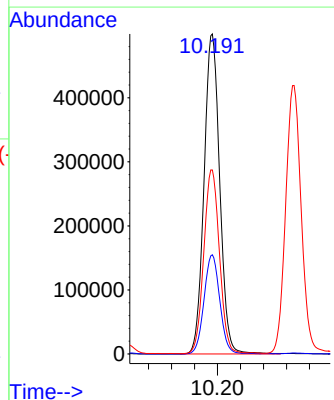
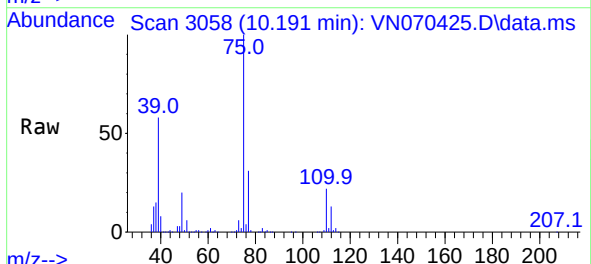
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

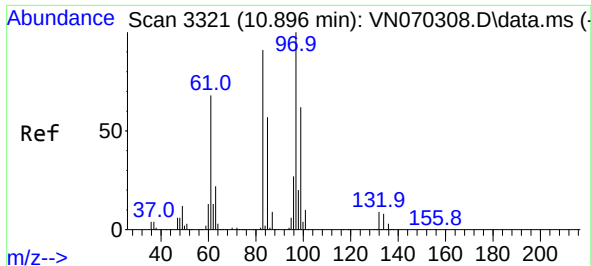
Tgt Ion: 75 Resp: 862443  
Ion Ratio Lower Upper  
75 100  
77 30.9 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 53.632 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 75 Resp: 947492  
Ion Ratio Lower Upper  
75 100  
77 31.0 26.4 39.6  
39 57.4 42.5 63.7



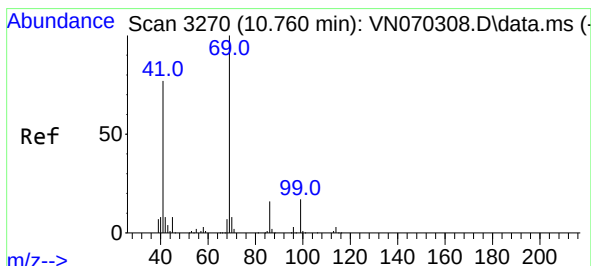
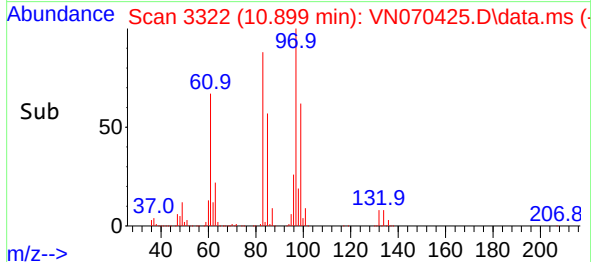
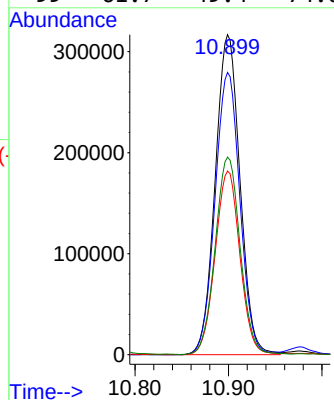
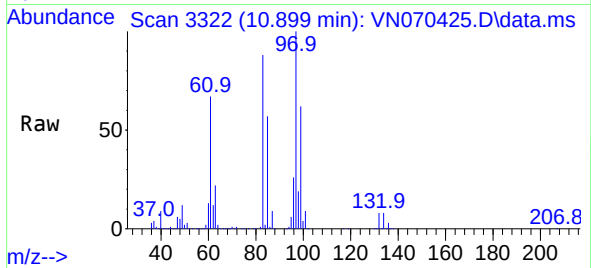


#55  
1,1,2-Trichloroethane  
Concen: 53.737 ug/l  
RT: 10.899 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 97 Resp: 584012

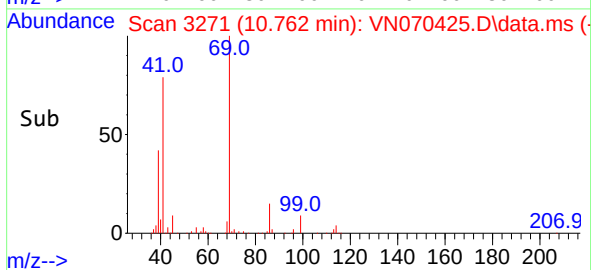
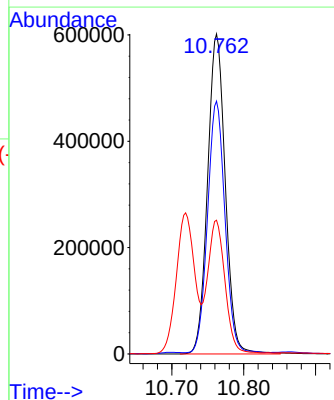
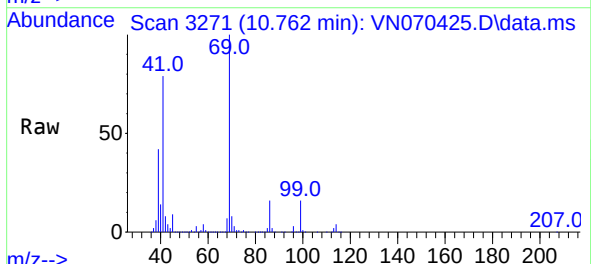
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.2  | 67.8  | 101.6 |
| 85  | 57.4  | 45.4  | 68.2  |
| 99  | 61.7  | 49.4  | 74.0  |



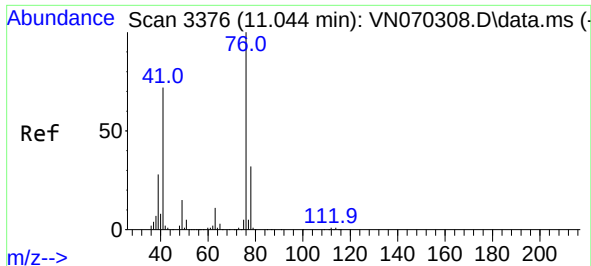
#56  
Ethyl methacrylate  
Concen: 57.501 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.002 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 69 Resp: 1032557

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 77.3  | 51.4  | 77.0# |
| 39  | 40.6  | 34.6  | 52.0  |







#57

1,3-Dichloropropane

Concen: 53.653 ug/l

RT: 11.046 min Scan# 31

Delta R.T. 0.002 min

Lab File: VN070425.D

Acq: 31 Dec 2021 3:55

Instrument :

MSVOA\_N

ClientSampleId :

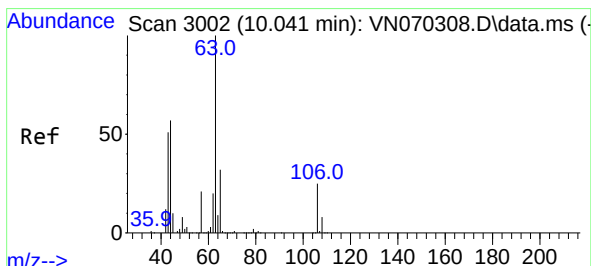
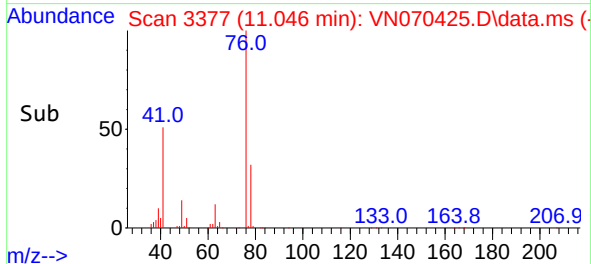
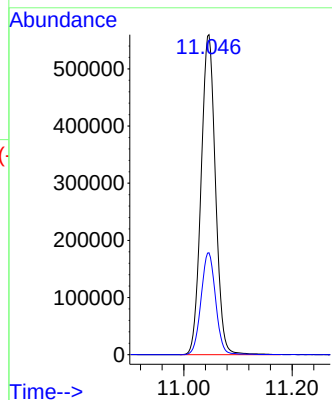
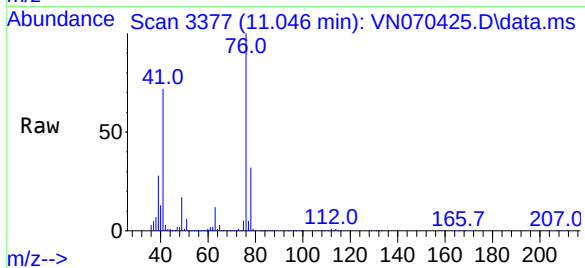
VSTDCCC050EC

Tgt Ion: 76 Resp: 1031326

Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 243.312 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.002 min

Lab File: VN070425.D

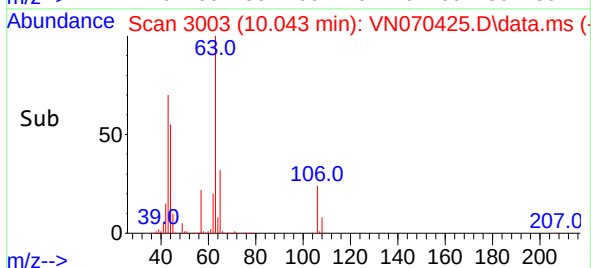
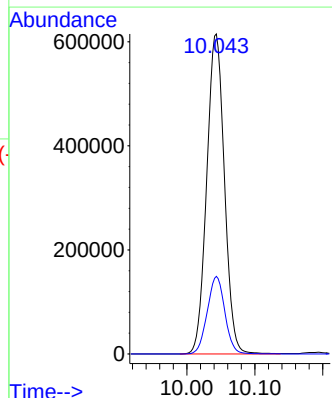
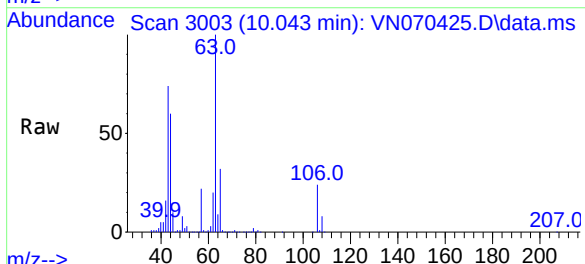
Acq: 31 Dec 2021 3:55

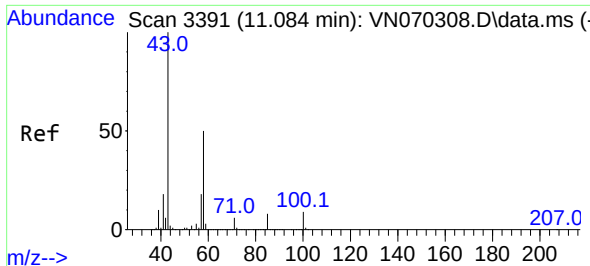
Tgt Ion: 63 Resp: 1113583

Ion Ratio Lower Upper

63 100

106 24.1 23.9 35.9

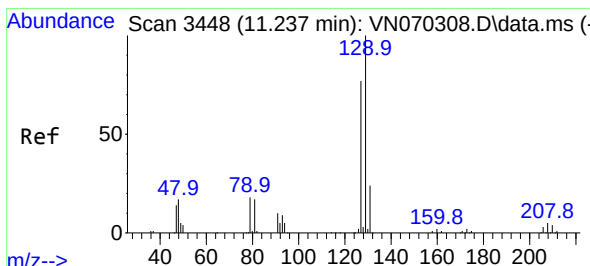
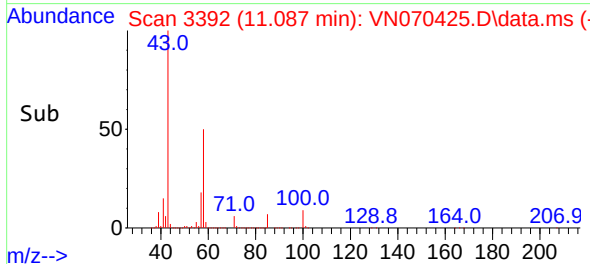
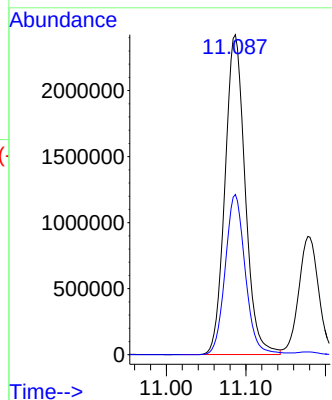
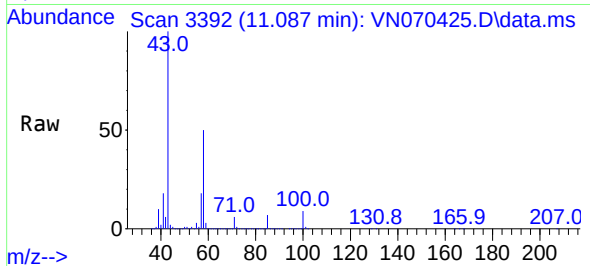




#59  
2-Hexanone  
Concen: 307.973 ug/l  
RT: 11.087 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

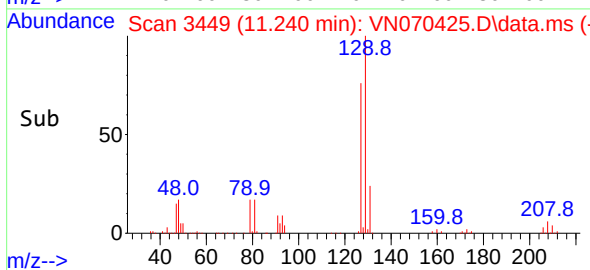
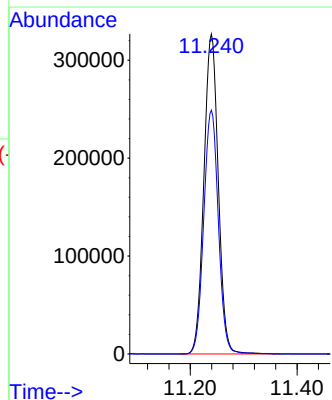
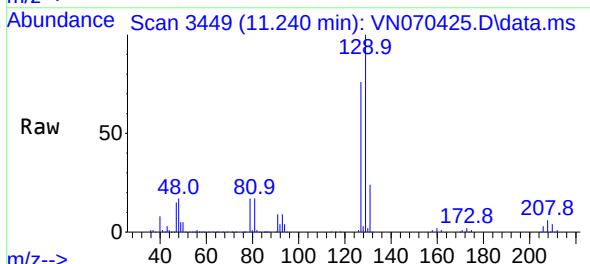
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

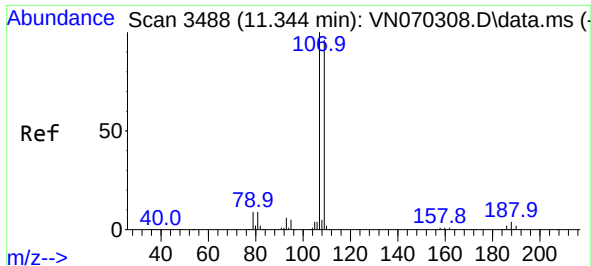
Tgt Ion: 43 Resp: 4268886  
Ion Ratio Lower Upper  
43 100  
58 49.9 26.9 80.7



#60  
Dibromochloromethane  
Concen: 57.585 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 129 Resp: 610606  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.6 116.0

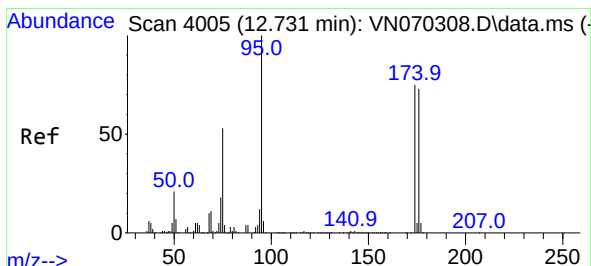
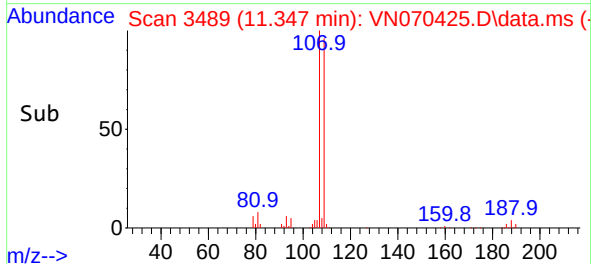
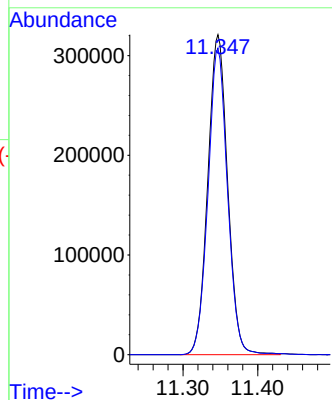
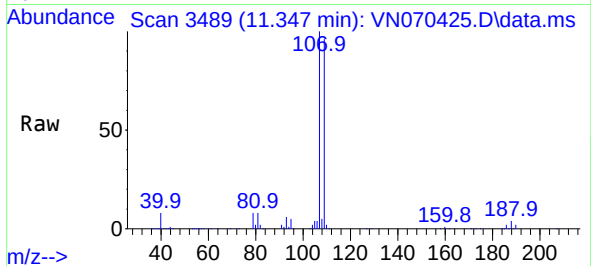




#61  
1,2-Dibromoethane  
Concen: 53.517 ug/l  
RT: 11.347 min Scan# 3488  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

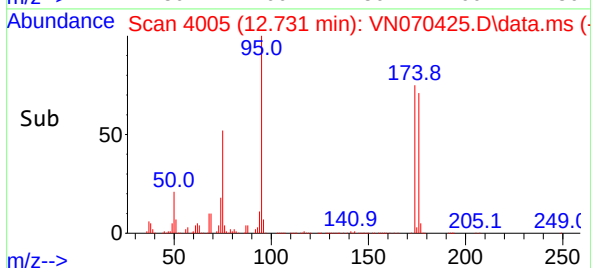
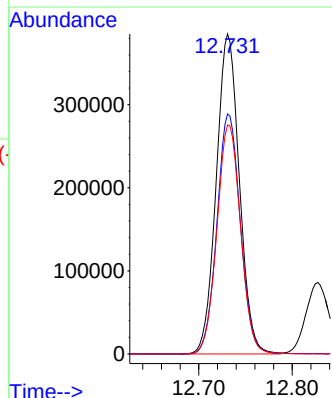
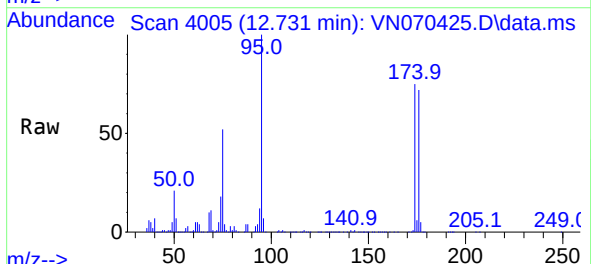
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

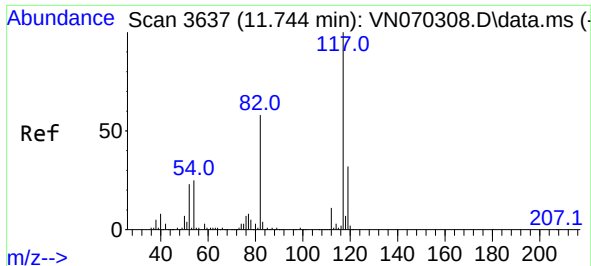
Tgt Ion:107 Resp: 590557  
Ion Ratio Lower Upper  
107 100  
109 94.1 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 50.129 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.000 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 95 Resp: 661796  
Ion Ratio Lower Upper  
95 100  
174 76.0 0.0 187.2  
176 73.2 0.0 181.4

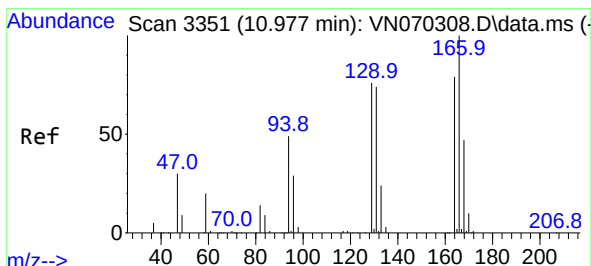
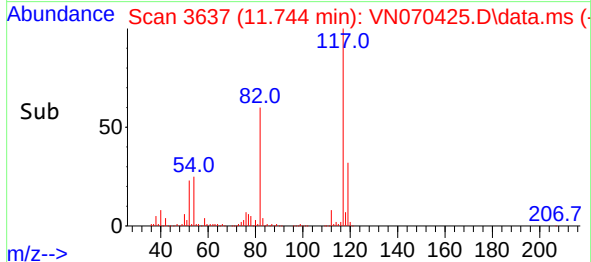
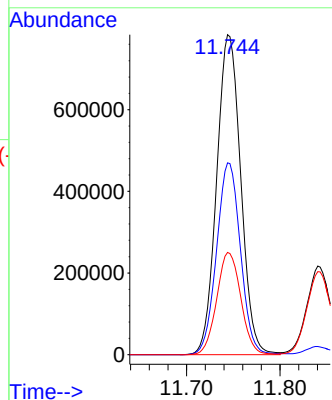
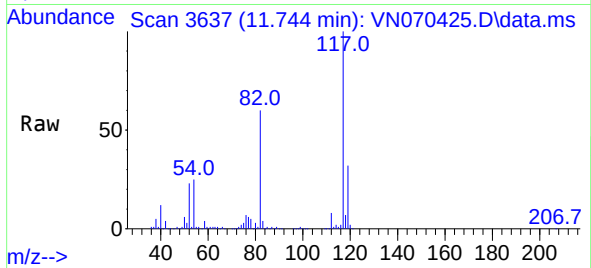




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.744 min Scan# 3637  
Delta R.T. -0.000 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

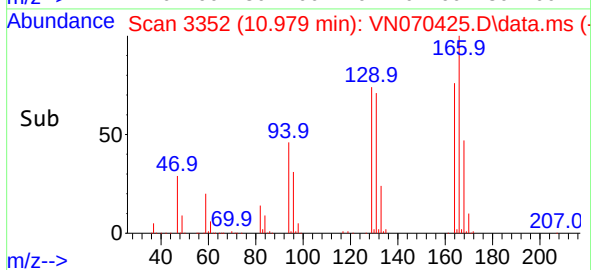
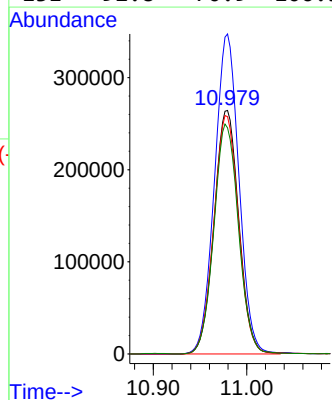
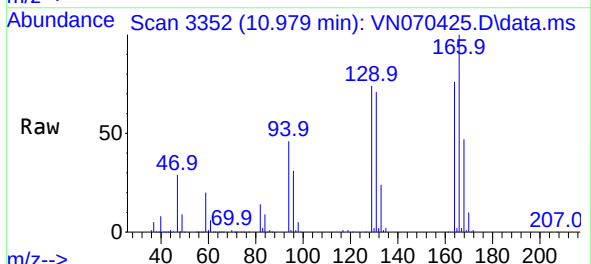
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

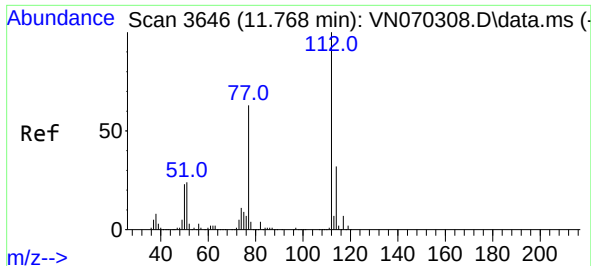
Tgt Ion:117 Resp: 1407721  
Ion Ratio Lower Upper  
117 100  
82 60.0 42.4 63.6  
119 31.9 25.4 38.2



#64  
Tetrachloroethene  
Concen: 47.711 ug/l  
RT: 10.979 min Scan# 3352  
Delta R.T. 0.002 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion:164 Resp: 486362  
Ion Ratio Lower Upper  
164 100  
166 131.4 101.9 152.9  
129 97.4 72.0 108.0  
131 92.8 70.9 106.3

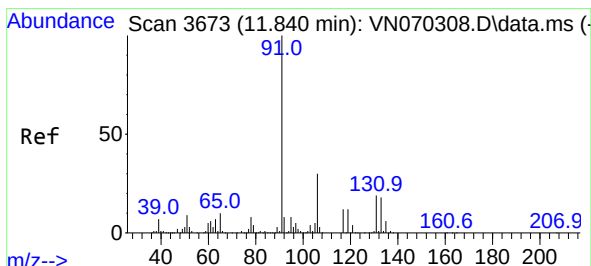
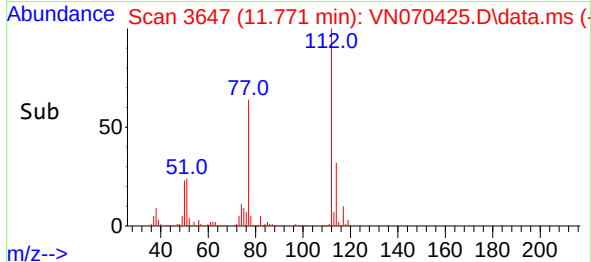
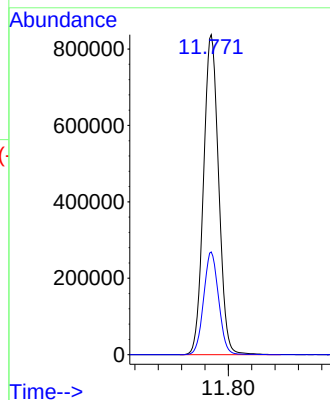
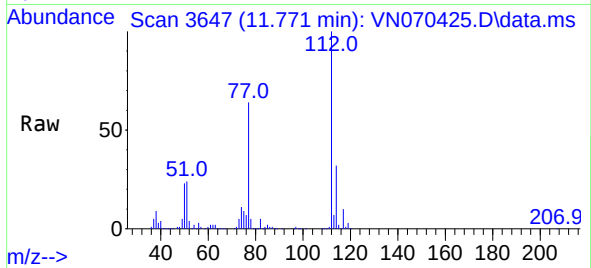




#65  
Chlorobenzene  
Concen: 50.499 ug/l  
RT: 11.771 min Scan# 3647  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

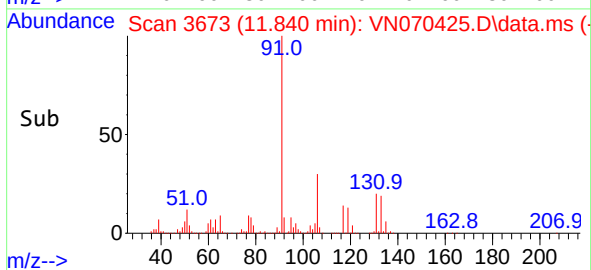
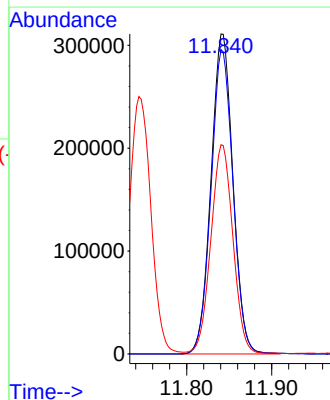
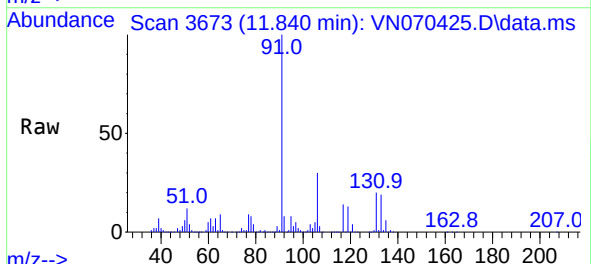
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

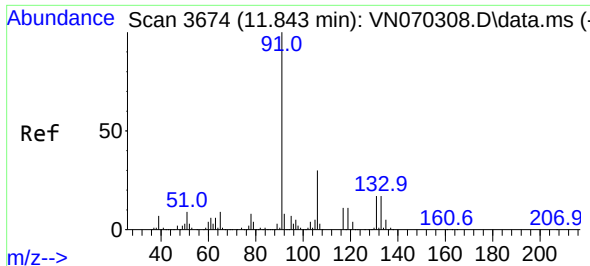
Tgt Ion:112 Resp: 1508352  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.216 ug/l  
RT: 11.840 min Scan# 3673  
Delta R.T. 0.000 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion:131 Resp: 556787  
Ion Ratio Lower Upper  
131 100  
133 95.3 47.9 143.7  
119 65.4 32.1 96.5

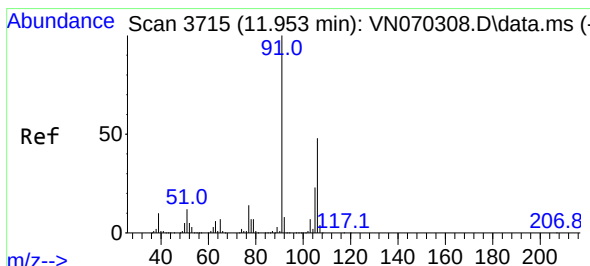
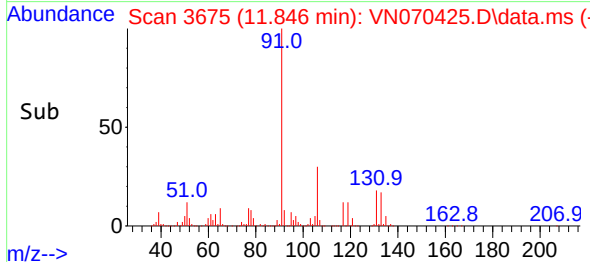
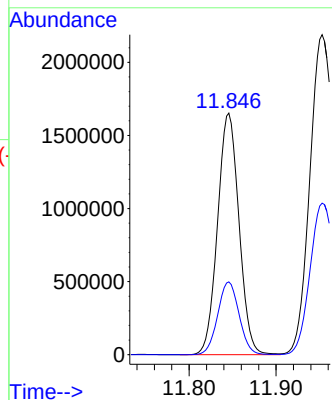
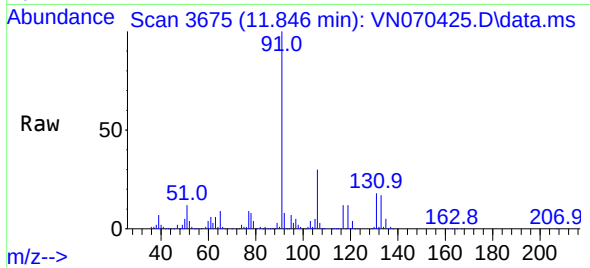




#67  
Ethyl Benzene  
Concen: 51.676 ug/l  
RT: 11.846 min Scan# 3674  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

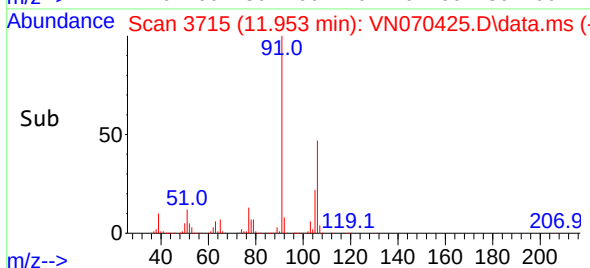
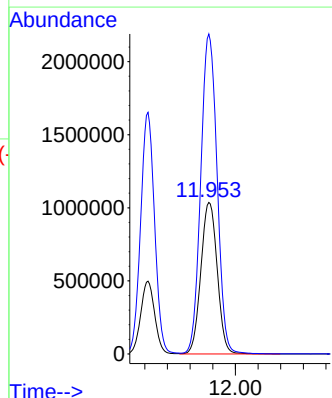
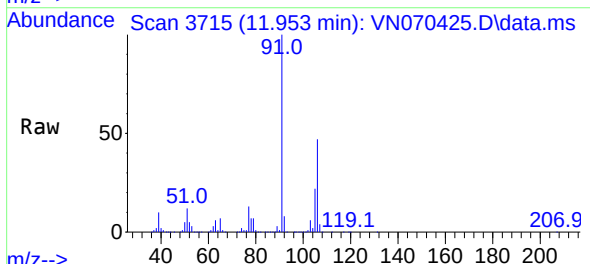
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

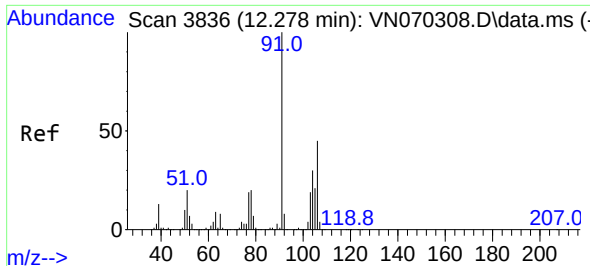
Tgt Ion: 91 Resp: 2828026  
Ion Ratio Lower Upper  
91 100  
106 30.1 25.7 38.5



#68  
m/p-Xylenes  
Concen: 103.989 ug/l  
RT: 11.953 min Scan# 3715  
Delta R.T. -0.000 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion:106 Resp: 2071539  
Ion Ratio Lower Upper  
106 100  
91 210.8 160.6 240.8

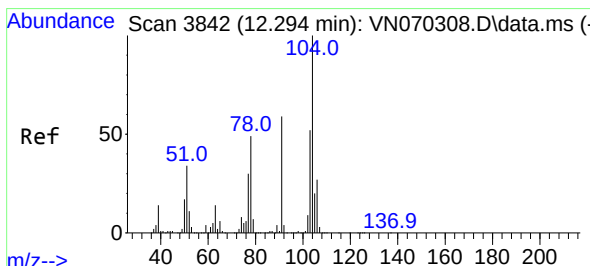
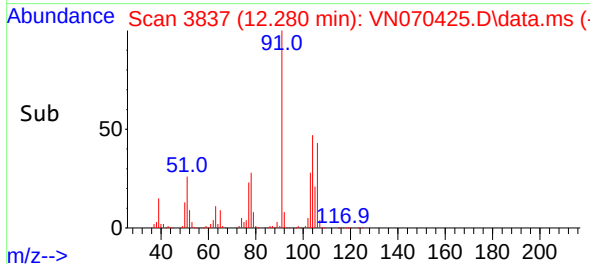
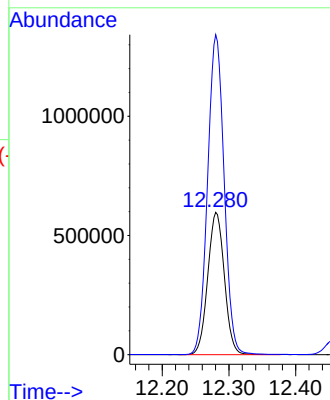
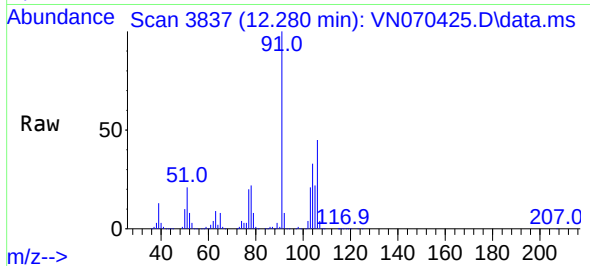




#69  
o-Xylene  
Concen: 52.077 ug/l  
RT: 12.280 min Scan# 3837  
Delta R.T. 0.002 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

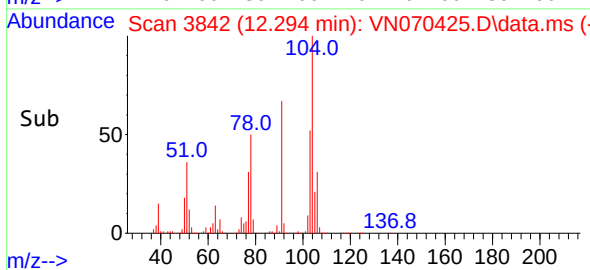
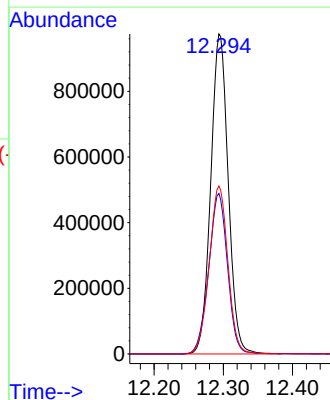
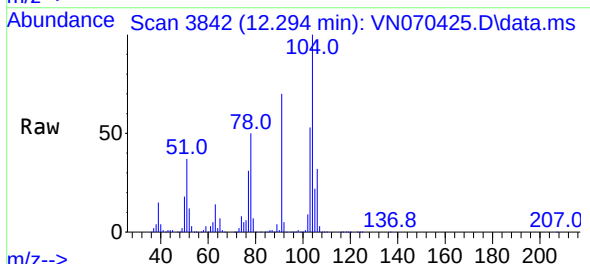
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

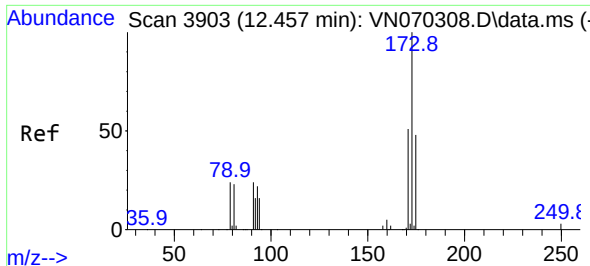
Tgt Ion:106 Resp: 1031870  
Ion Ratio Lower Upper  
106 100  
91 223.2 105.8 317.3



#70  
Styrene  
Concen: 54.568 ug/l  
RT: 12.294 min Scan# 3842  
Delta R.T. -0.000 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion:104 Resp: 1711291  
Ion Ratio Lower Upper  
104 100  
78 53.9 38.7 58.1  
103 56.1 45.0 67.6

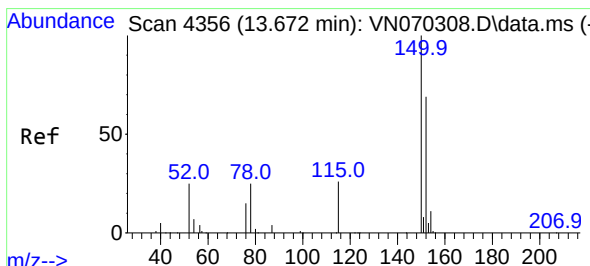
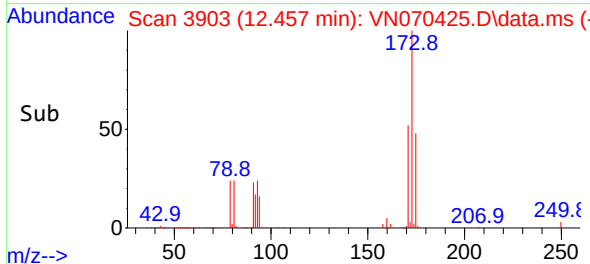
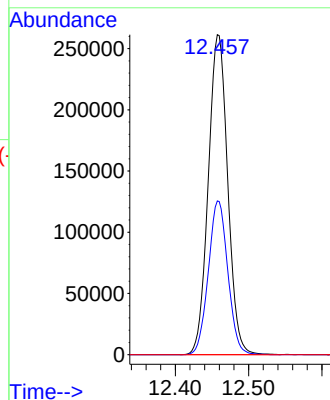
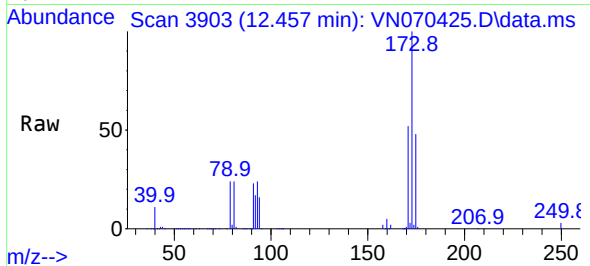




#71  
Bromoform  
Concen: 60.937 ug/l  
RT: 12.457 min Scan# 3903  
Delta R.T. 0.000 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

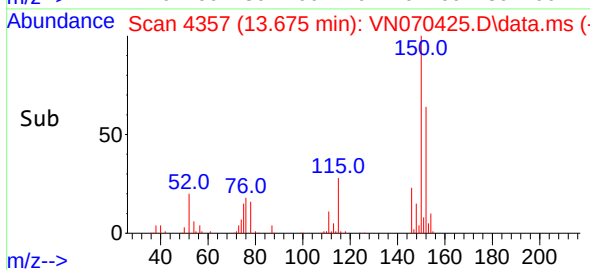
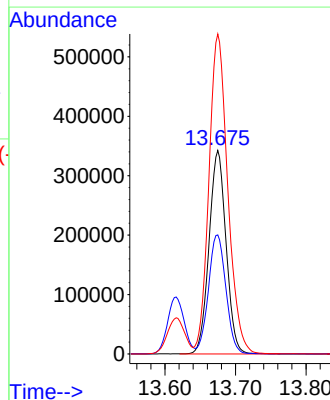
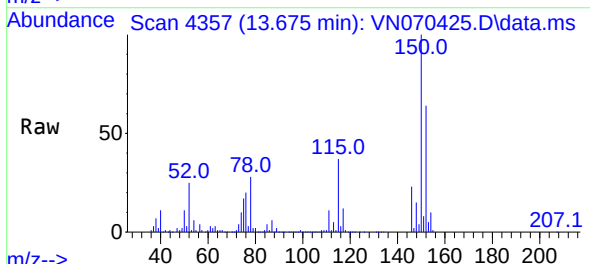
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:173 Resp: 482235  
Ion Ratio Lower Upper  
173 100  
175 48.2 24.2 72.6  
254 0.0 0.0 0.0

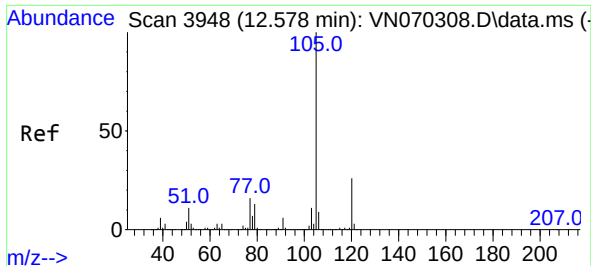


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion:152 Resp: 575310  
Ion Ratio Lower Upper  
152 100  
115 59.8 27.5 82.5  
150 173.7 0.0 344.4



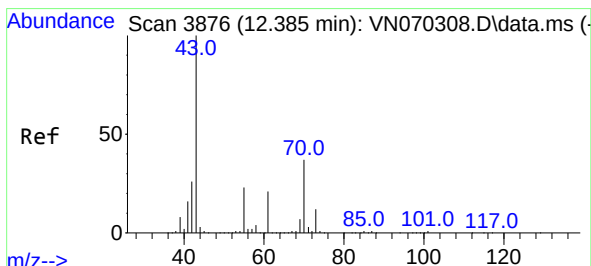
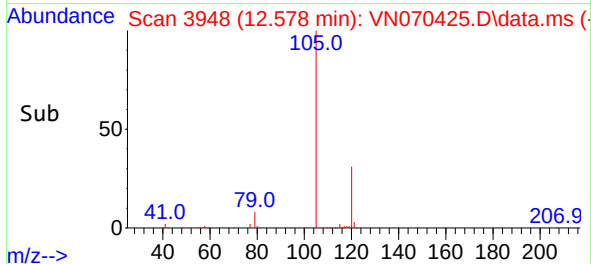
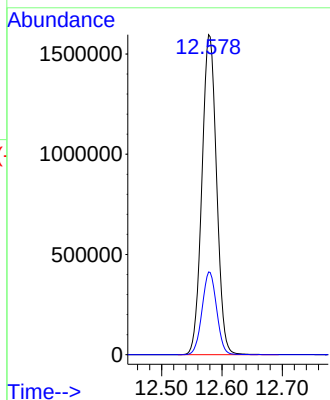
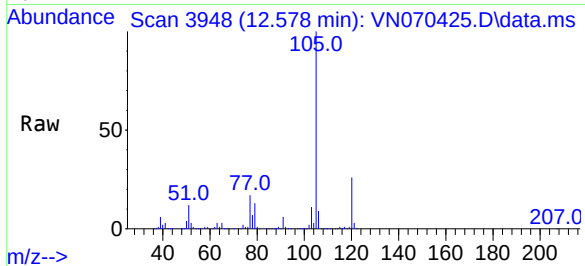




#73  
Isopropylbenzene  
Concen: 50.393 ug/l  
RT: 12.578 min Scan# 3948  
Delta R.T. -0.000 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

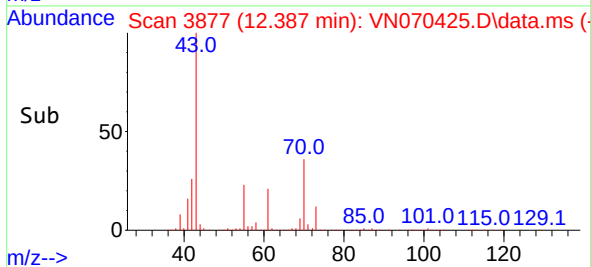
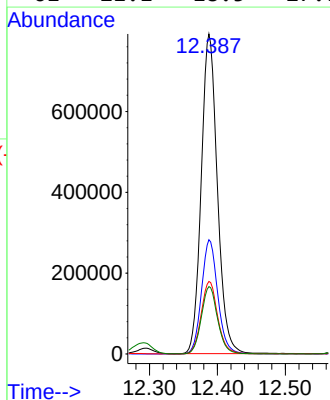
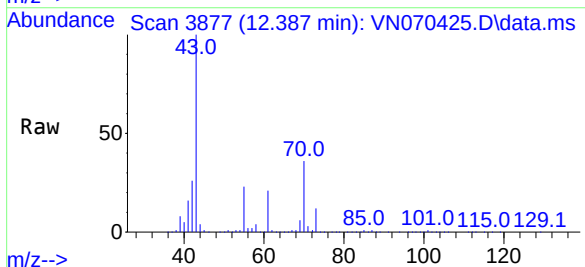
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

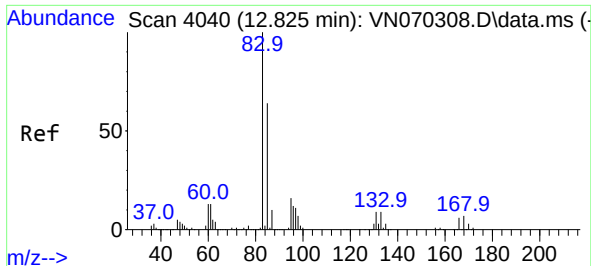
Tgt Ion:105 Resp: 2692315  
Ion Ratio Lower Upper  
105 100  
120 25.6 13.4 40.1



#74  
N-ethyl acetate  
Concen: 58.119 ug/l  
RT: 12.387 min Scan# 3877  
Delta R.T. 0.002 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 43 Resp: 1305574  
Ion Ratio Lower Upper  
43 100  
70 36.0 33.4 50.0  
55 23.2 19.3 28.9  
61 21.1 18.5 27.7

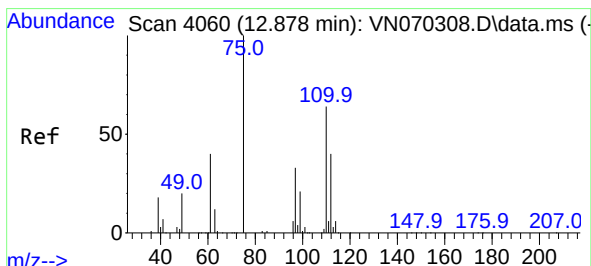
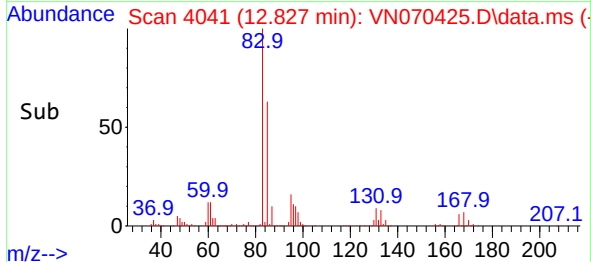
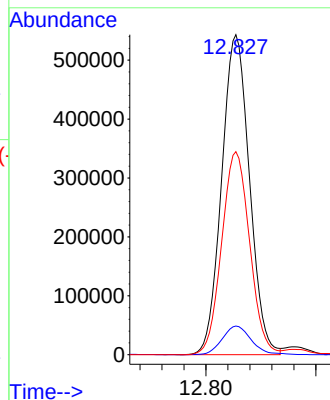
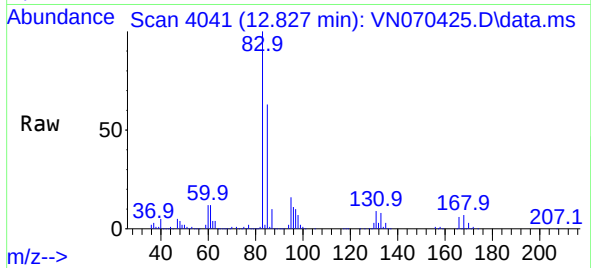




#75  
1,1,2,2-Tetrachloroethane  
Concen: 55.025 ug/l  
RT: 12.827 min Scan# 4040  
Delta R.T. 0.002 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

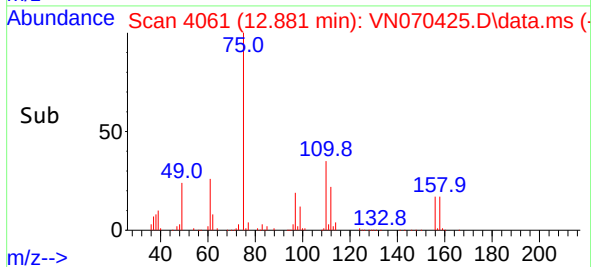
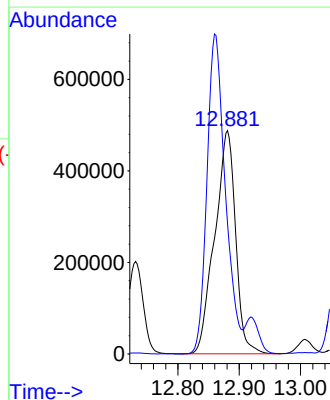
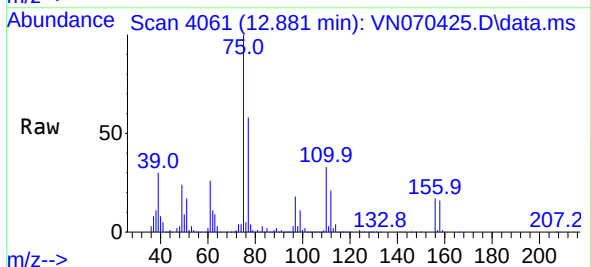
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

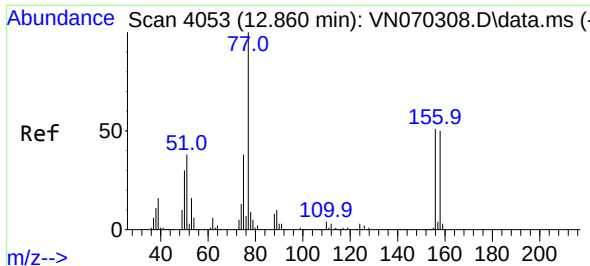
Tgt Ion: 83 Resp: 954083  
Ion Ratio Lower Upper  
83 100  
131 9.4 5.5 16.5  
85 63.8 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 66.823 ug/l  
RT: 12.881 min Scan# 4061  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 75 Resp: 1154705  
Ion Ratio Lower Upper  
75 100  
77 0.0 82.6 247.8#

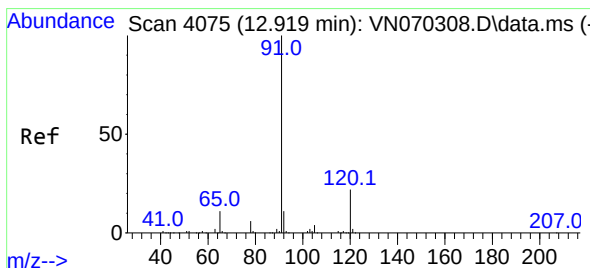
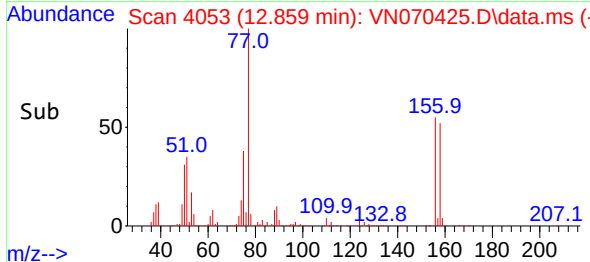
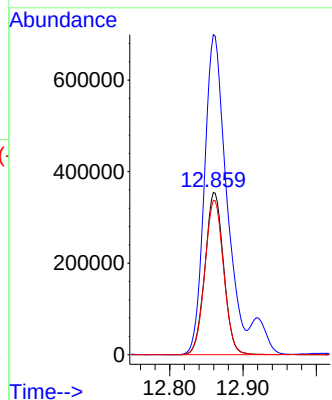
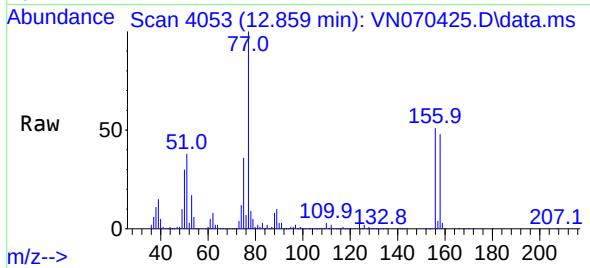




#77  
Bromobenzene  
Concen: 51.067 ug/l  
RT: 12.859 min Scan# 4053  
Delta R.T. -0.001 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

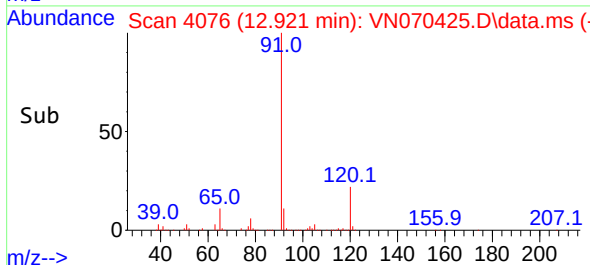
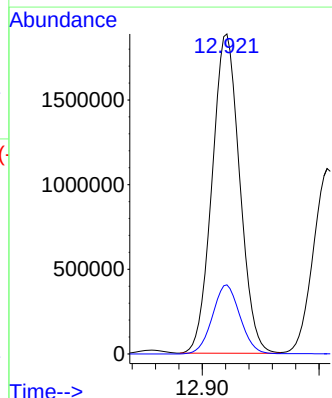
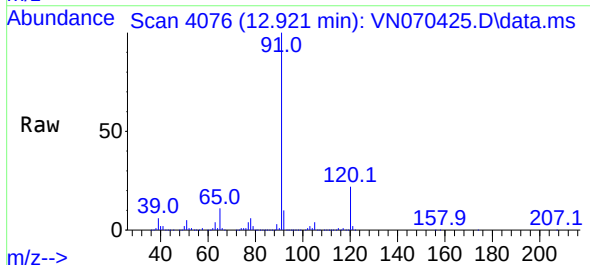
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

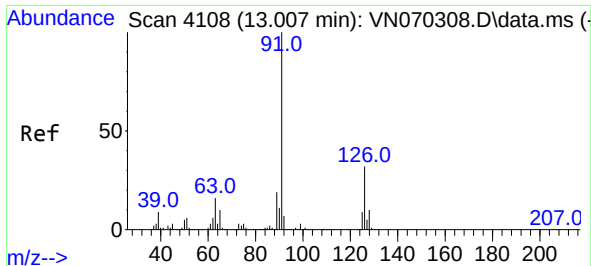
Tgt Ion:156 Resp: 626376  
Ion Ratio Lower Upper  
156 100  
77 232.4 90.6 271.8  
158 96.0 48.9 146.7



#78  
n-propylbenzene  
Concen: 52.280 ug/l  
RT: 12.921 min Scan# 4076  
Delta R.T. 0.002 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 91 Resp: 3094699  
Ion Ratio Lower Upper  
91 100  
120 21.7 11.9 35.9

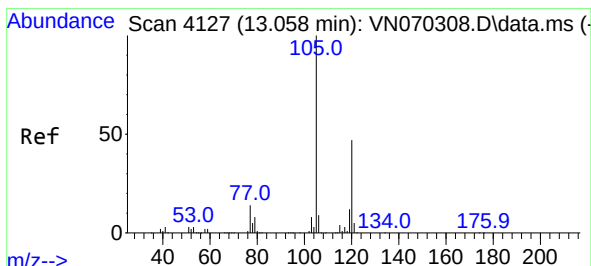
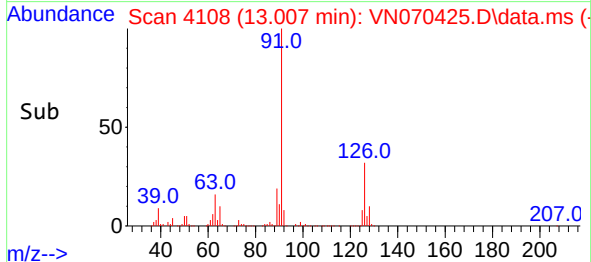
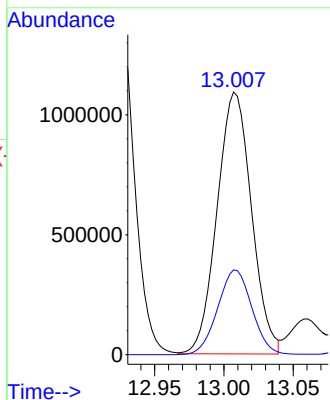
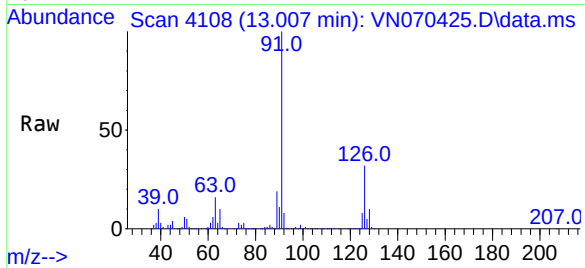




#79  
2-Chlorotoluene  
Concen: 49.721 ug/l  
RT: 13.007 min Scan# 4108  
Delta R.T. -0.000 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

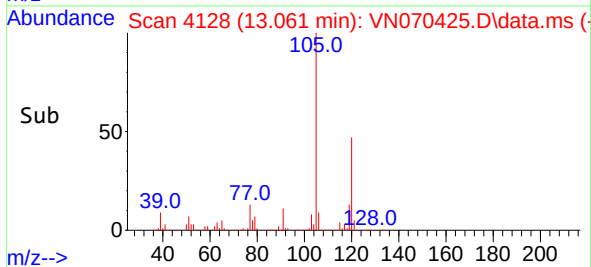
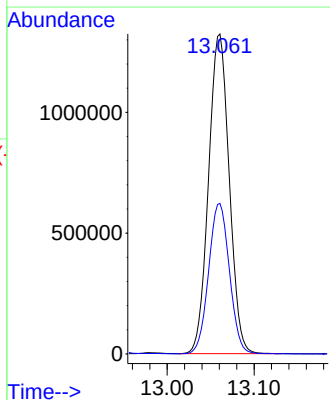
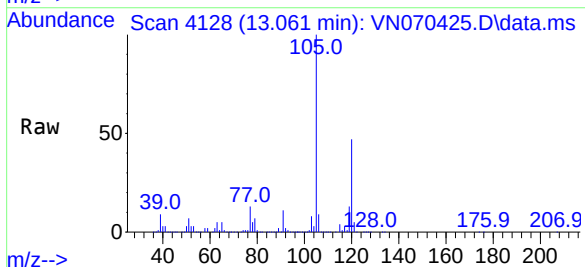
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

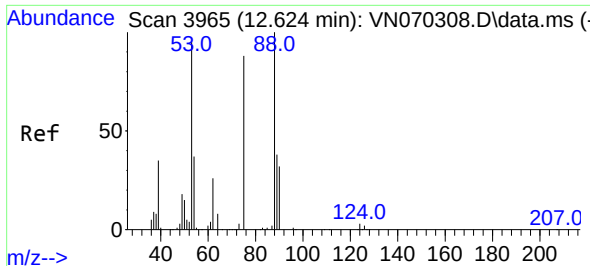
Tgt Ion: 91 Resp: 1888468  
Ion Ratio Lower Upper  
91 100  
126 32.3 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 50.988 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion:105 Resp: 2182949  
Ion Ratio Lower Upper  
105 100  
120 47.4 24.6 73.6

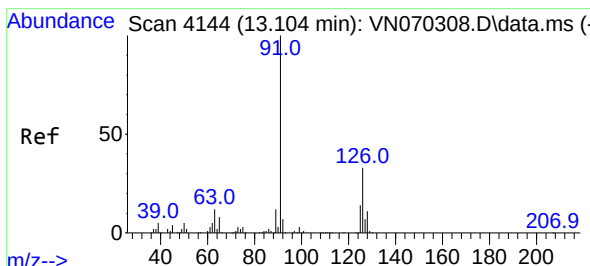
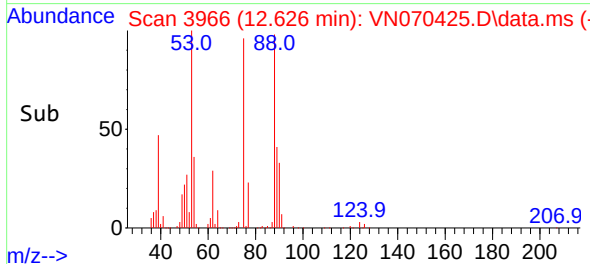
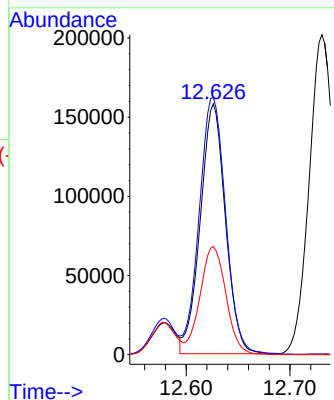
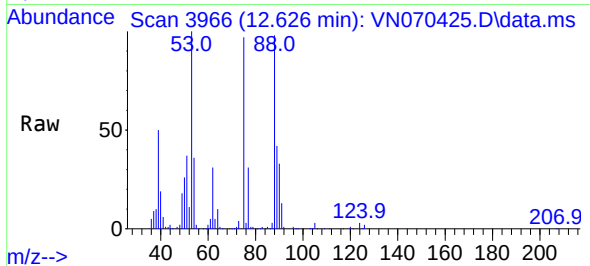




#81  
trans-1,4-Dichloro-2-butene  
Concen: 56.354 ug/l  
RT: 12.626 min Scan# 3965  
Delta R.T. 0.002 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

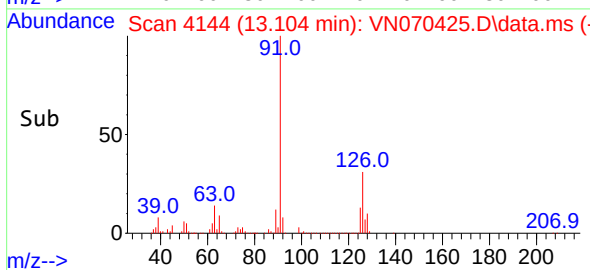
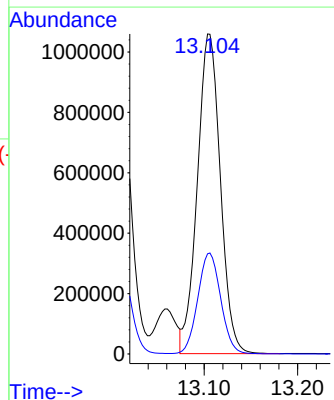
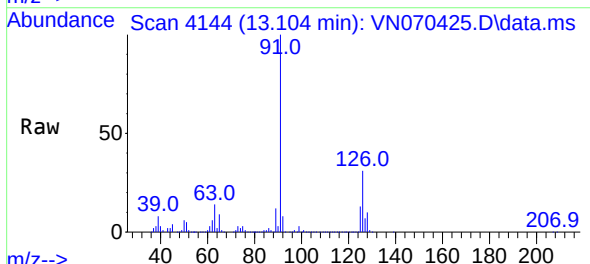
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

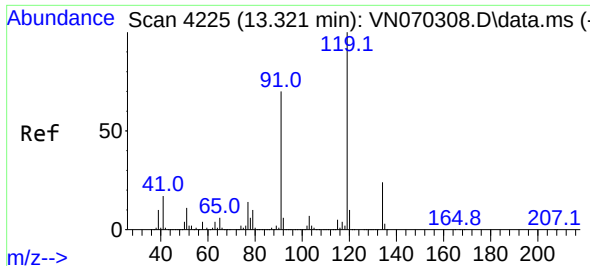
Tgt Ion: 75 Resp: 265362  
Ion Ratio Lower Upper  
75 100  
53 108.4 90.5 135.7  
89 45.0 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 50.918 ug/l  
RT: 13.104 min Scan# 4144  
Delta R.T. -0.000 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion: 91 Resp: 1811536  
Ion Ratio Lower Upper  
91 100  
126 31.5 18.2 54.6

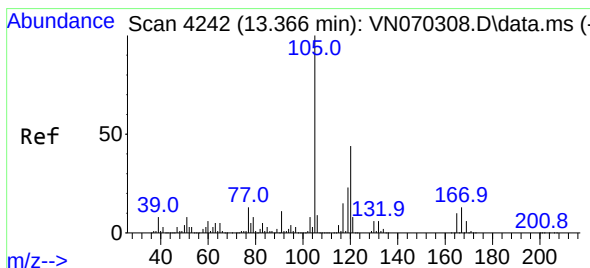
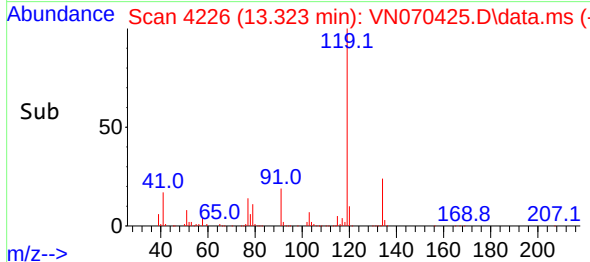
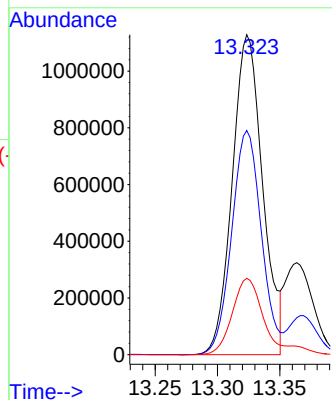
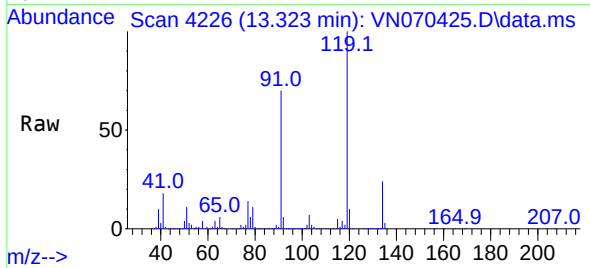




#83  
tert-Butylbenzene  
Concen: 50.878 ug/l  
RT: 13.323 min Scan# 4225  
Delta R.T. 0.002 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

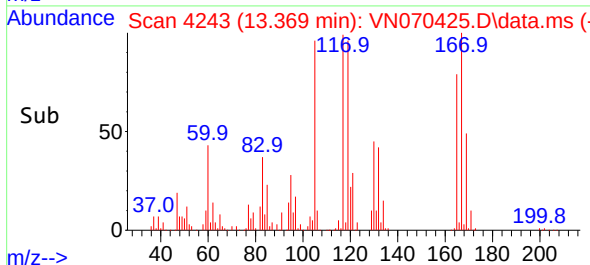
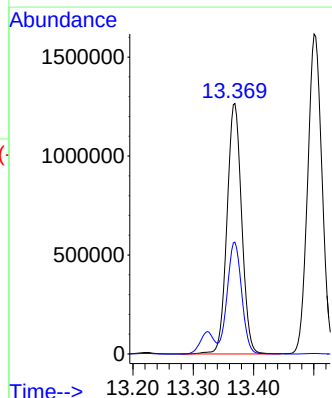
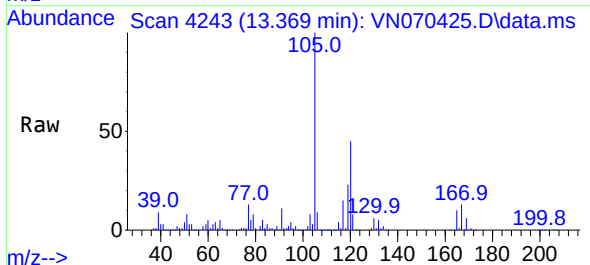
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

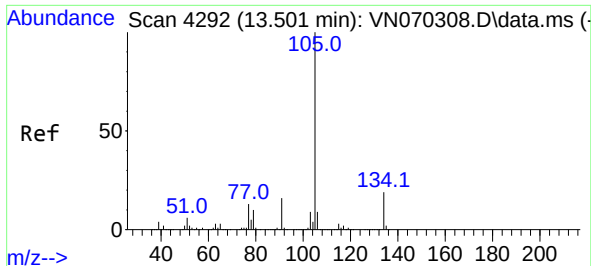
Tgt Ion:119 Resp: 1918010  
Ion Ratio Lower Upper  
119 100  
91 68.8 31.5 94.5  
134 25.6 12.4 37.4



#84  
1,2,4-Trimethylbenzene  
Concen: 51.897 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion:105 Resp: 2139482  
Ion Ratio Lower Upper  
105 100  
120 44.3 22.8 68.4

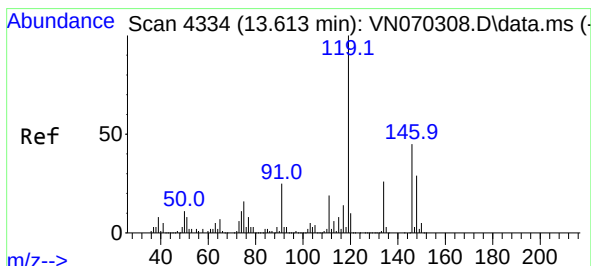
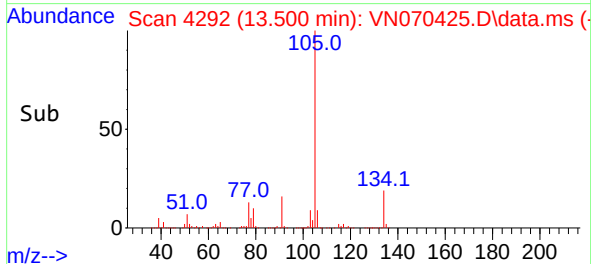
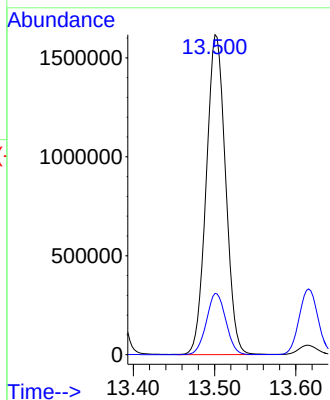
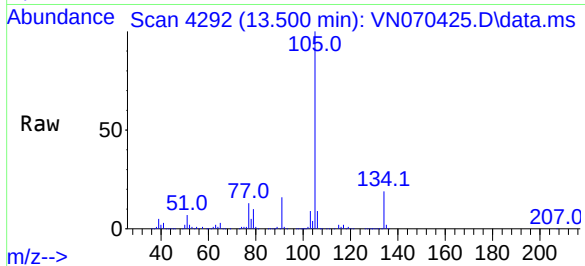




#85  
 sec-Butylbenzene  
 Concen: 52.046 ug/l  
 RT: 13.500 min Scan# 41  
 Delta R.T. -0.001 min  
 Lab File: VN070425.D  
 Acq: 31 Dec 2021 3:55

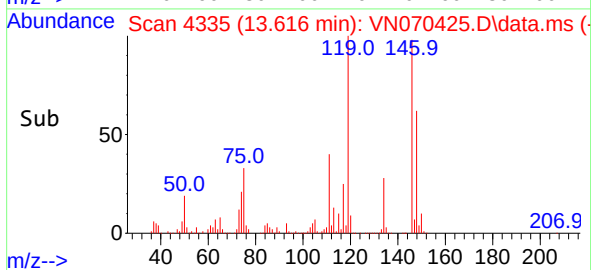
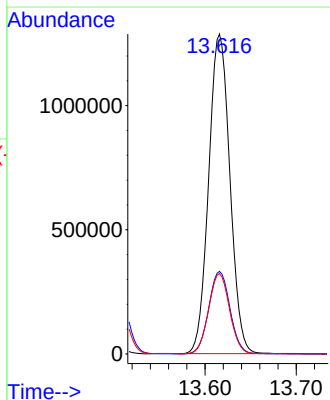
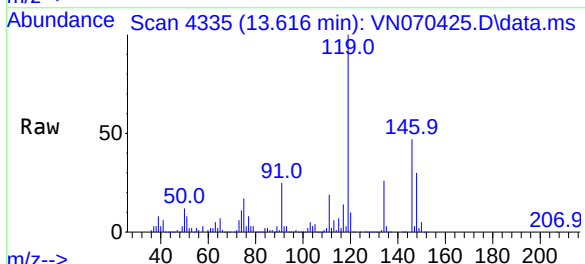
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

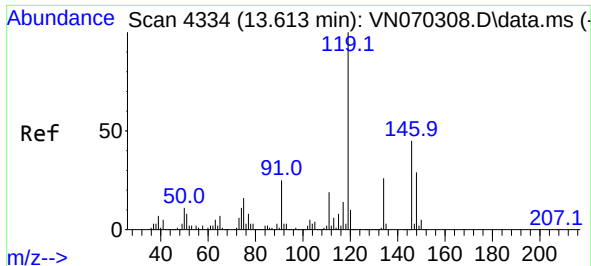
Tgt Ion:105 Resp: 2663824  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 51.772 ug/l  
 RT: 13.616 min Scan# 4335  
 Delta R.T. 0.003 min  
 Lab File: VN070425.D  
 Acq: 31 Dec 2021 3:55

Tgt Ion:119 Resp: 2081478  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 13.6 40.7  
 91 24.7 11.4 34.1

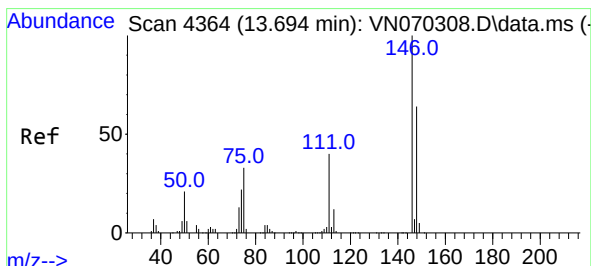
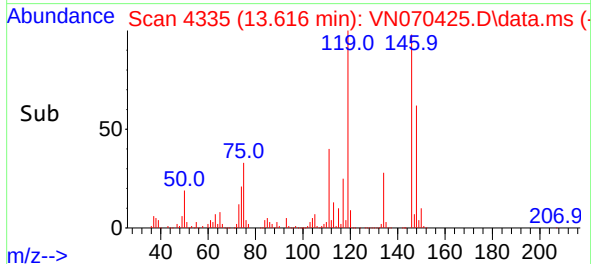
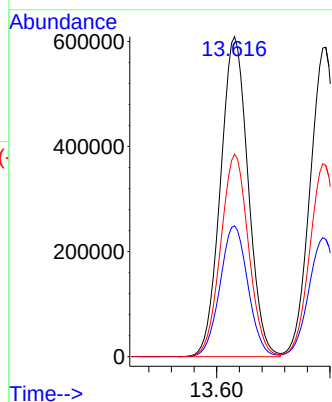
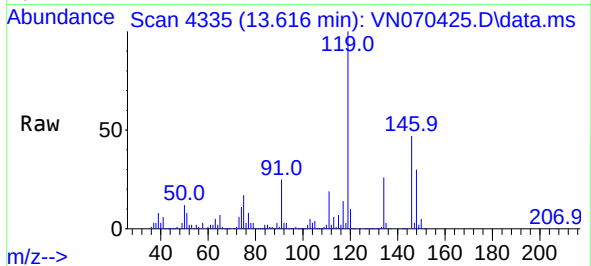




#87  
1,3-Dichlorobenzene  
Concen: 50.199 ug/l  
RT: 13.616 min Scan# 4334  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

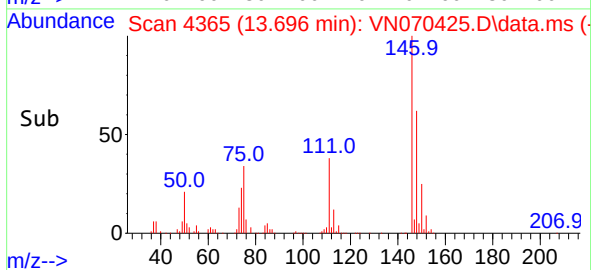
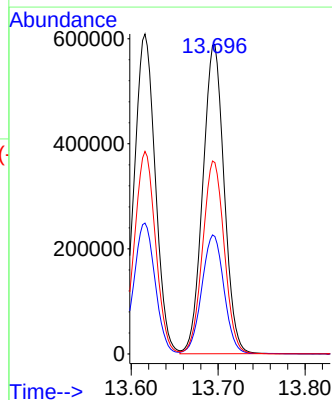
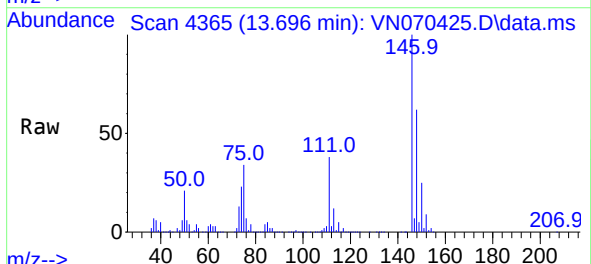
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:146 Resp: 1030754  
Ion Ratio Lower Upper  
146 100  
111 41.4 18.6 55.6  
148 63.8 31.6 95.0

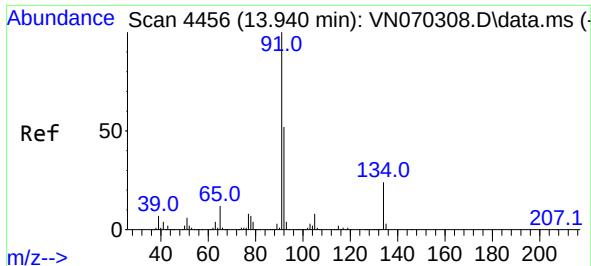


#88  
1,4-Dichlorobenzene  
Concen: 49.572 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. 0.002 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion:146 Resp: 1004053  
Ion Ratio Lower Upper  
146 100  
111 39.8 18.3 54.8  
148 63.5 31.8 95.4



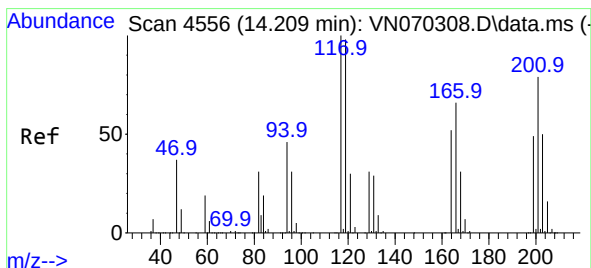
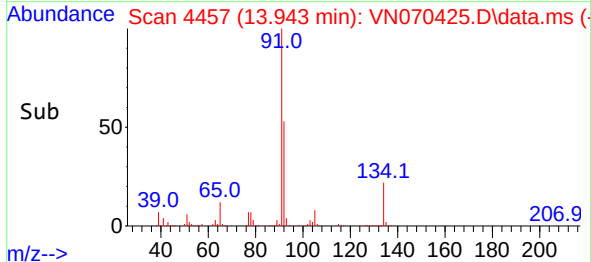
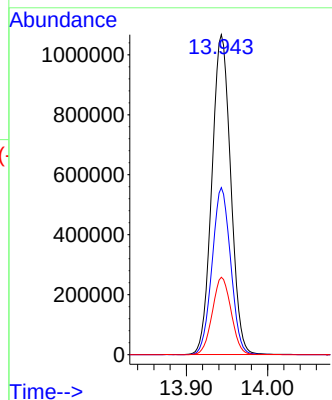
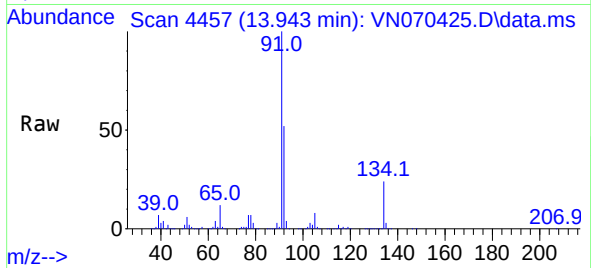




#89  
n-Butylbenzene  
Concen: 51.201 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

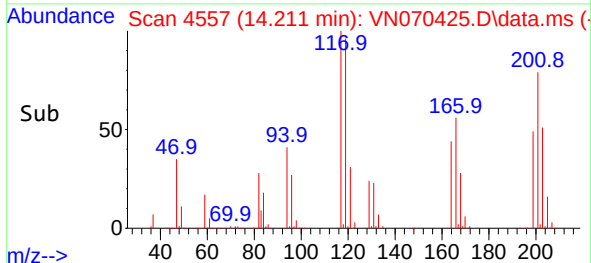
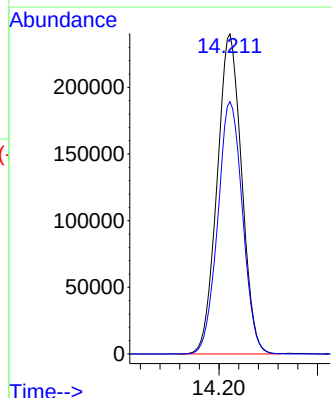
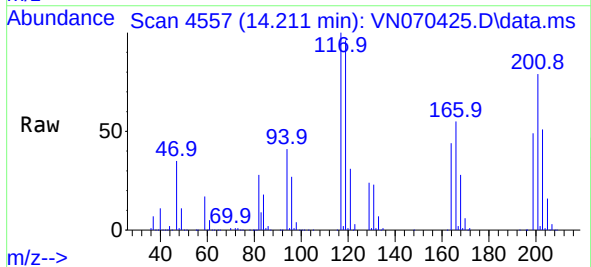
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

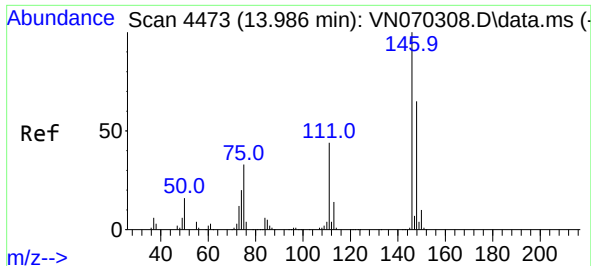
Tgt Ion: 91 Resp: 1717024  
Ion Ratio Lower Upper  
91 100  
92 51.5 25.4 76.0  
134 24.2 13.6 40.8



#90  
Hexachloroethane  
Concen: 59.570 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. 0.002 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

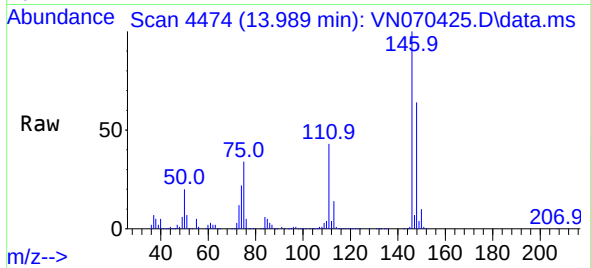
Tgt Ion: 117 Resp: 416075  
Ion Ratio Lower Upper  
117 100  
201 79.6 43.9 131.6



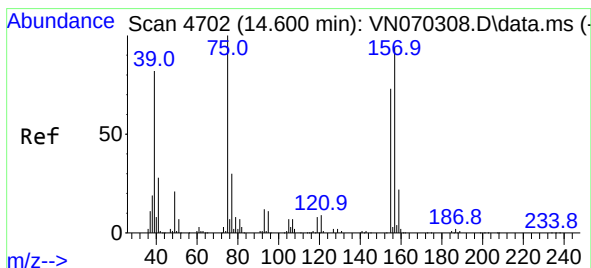
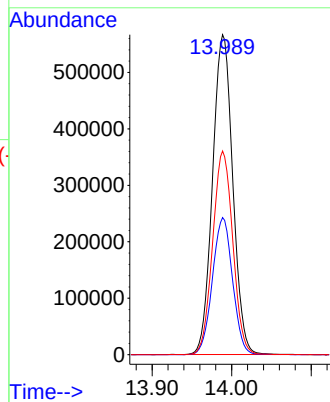
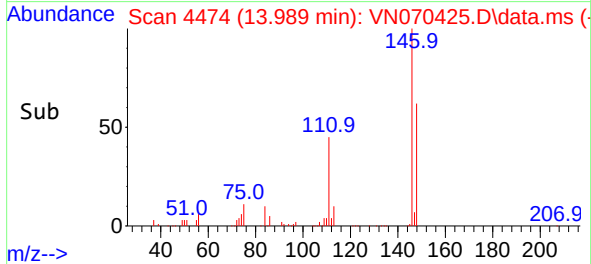


#91  
1,2-Dichlorobenzene  
Concen: 49.680 ug/l  
RT: 13.989 min Scan# 4474  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

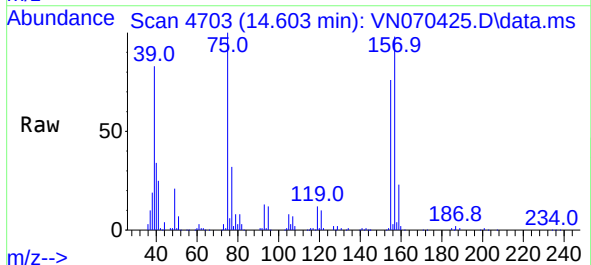
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



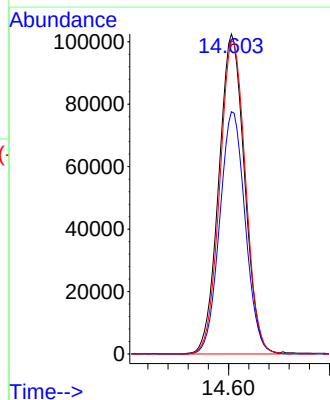
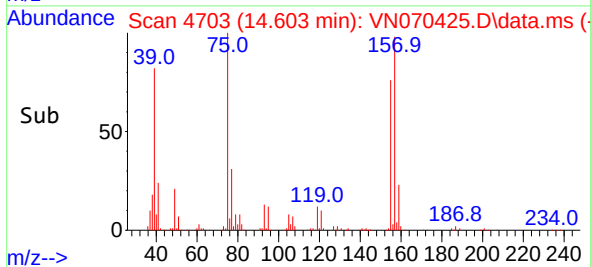
Tgt Ion:146 Resp: 1000025  
Ion Ratio Lower Upper  
146 100  
111 42.8 19.1 57.3  
148 63.4 32.1 96.3

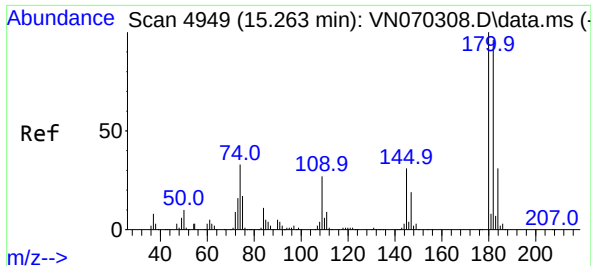


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 58.479 ug/l  
RT: 14.603 min Scan# 4703  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55



Tgt Ion: 75 Resp: 180990  
Ion Ratio Lower Upper  
75 100  
155 75.2 46.9 140.7  
157 97.6 60.6 181.7

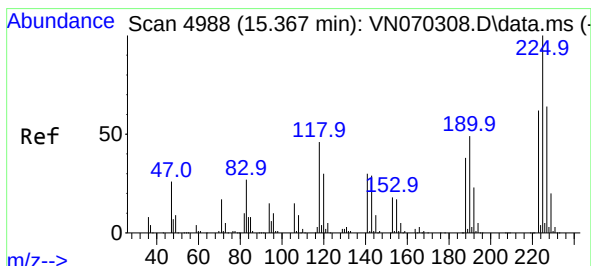
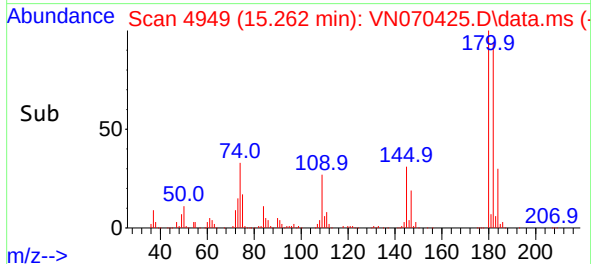
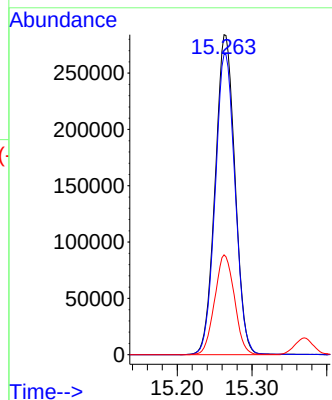
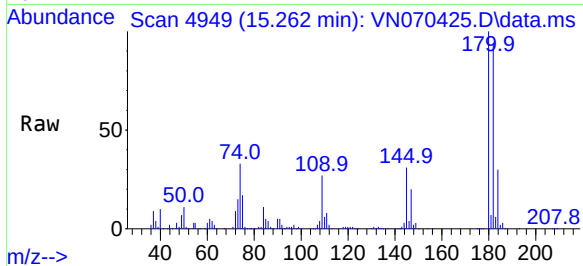




#93  
1,2,4-Trichlorobenzene  
Concen: 54.933 ug/l  
RT: 15.262 min Scan# 4949  
Delta R.T. -0.001 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

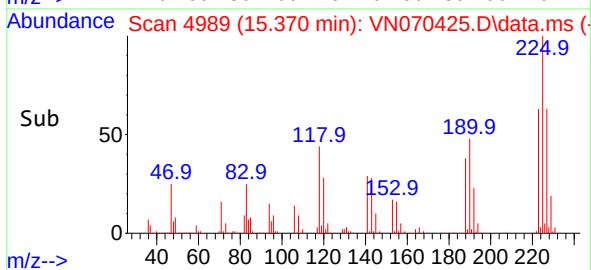
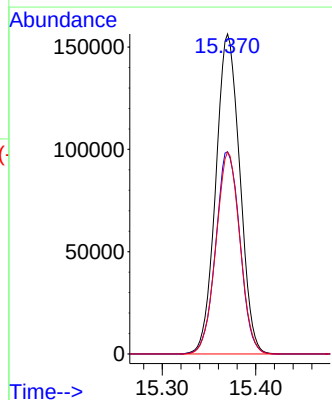
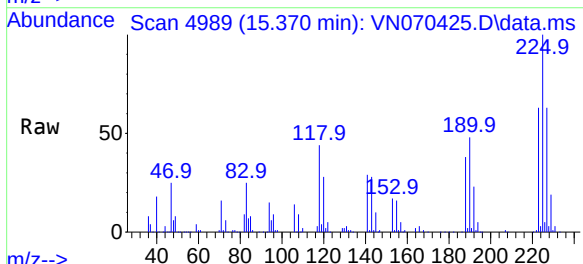
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

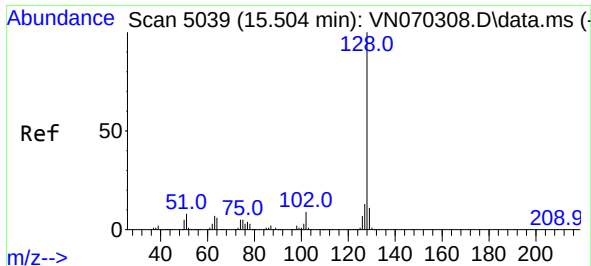
Tgt Ion:180 Resp: 521021  
Ion Ratio Lower Upper  
180 100  
182 94.6 48.3 144.9  
145 31.3 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 50.778 ug/l  
RT: 15.370 min Scan# 4989  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion:225 Resp: 279901  
Ion Ratio Lower Upper  
225 100  
223 63.6 31.9 95.7  
227 63.0 32.1 96.3

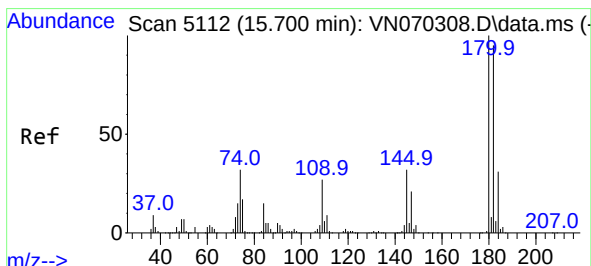
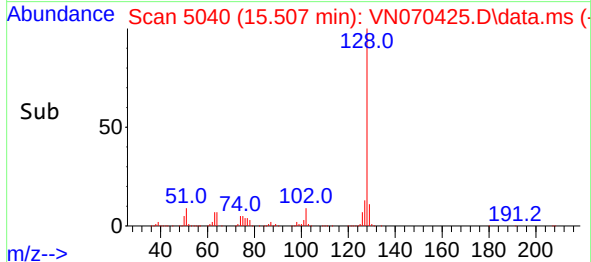
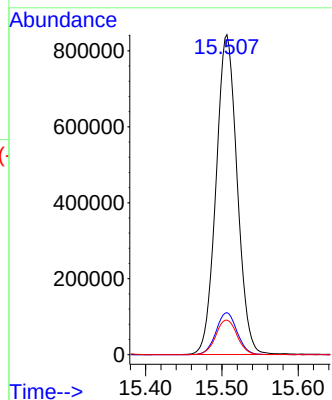
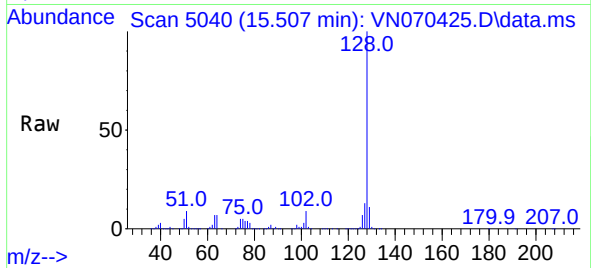




#95  
Naphthalene  
Concen: 61.294 ug/l  
RT: 15.507 min Scan# 5039  
Delta R.T. 0.003 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 1617708  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.5 15.7  
129 11.1 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 57.330 ug/l  
RT: 15.702 min Scan# 5113  
Delta R.T. 0.002 min  
Lab File: VN070425.D  
Acq: 31 Dec 2021 3:55

Tgt Ion:180 Resp: 521224  
Ion Ratio Lower Upper  
180 100  
182 95.5 47.4 142.2  
145 32.4 15.0 45.1

