

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032222\  
 Data File : VN071482.D  
 Acq On : 22 Mar 2022 22:11  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050

Quant Time: Mar 23 07:11:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 08 06:52:46 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.080  | 168  | 575207   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.963  | 114  | 961530   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.739 | 117  | 893260   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.668 | 152  | 368605   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.433  | 65    | 416913   | 52.885   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 105.760% |      |
| 35) Dibromofluoromethane    | 8.016  | 113   | 314363   | 51.810   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 103.620% |      |
| 50) Toluene-d8              | 10.439 | 98    | 1225303  | 50.156   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 100.320% |      |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 440313   | 53.226   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 106.460% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 2.069 | 85  | 252472  | 40.049  | ug/l   | 100 |
| 3) Chloromethane             | 2.298 | 50  | 369491  | 43.653  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.434 | 62  | 333648  | 43.186  | ug/l   | 99  |
| 5) Bromomethane              | 2.816 | 94  | 157878  | 45.189  | ug/l   | 96  |
| 6) Chloroethane              | 2.993 | 64  | 227086  | 48.536  | ug/l   | 95  |
| 7) Trichlorofluoromethane    | 3.357 | 101 | 468910  | 46.113  | ug/l   | 96  |
| 8) Diethyl Ether             | 3.822 | 74  | 213988  | 49.177  | ug/l   | 90  |
| 9) 1,1,2-Trichlorotrifluo... | 4.204 | 101 | 267963  | 45.521  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.416 | 142 | 369413  | 44.431  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.363 | 59  | 451067  | 291.261 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.175 | 96  | 261275  | 45.308  | ug/l   | 89  |
| 13) Acrolein                 | 4.034 | 56  | 299127  | 182.485 | ug/l   | 99  |
| 14) Allyl chloride           | 4.834 | 41  | 595369  | 47.469  | ug/l   | 85  |
| 15) Acrylonitrile            | 5.545 | 53  | 1232890 | 268.108 | ug/l   | 99  |
| 16) Acetone                  | 4.281 | 43  | 1051301 | 274.074 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.528 | 76  | 627494  | 38.222  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.851 | 43  | 577999  | 56.050  | ug/l   | 96  |
| 19) Methyl tert-butyl Ether  | 5.610 | 73  | 1111177 | 51.322  | ug/l   | 96  |
| 20) Methylene Chloride       | 5.092 | 84  | 340152  | 48.531  | ug/l   | 90  |
| 21) trans-1,2-Dichloroethene | 5.592 | 96  | 283020  | 44.870  | ug/l   | 89  |
| 22) Diisopropyl ether        | 6.486 | 45  | 1271652 | 51.464  | ug/l   | 94  |
| 23) Vinyl Acetate            | 6.428 | 43  | 5541859 | 264.924 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.381 | 63  | 644252  | 49.342  | ug/l   | 99  |
| 25) 2-Butanone               | 7.328 | 43  | 1753178 | 283.729 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 7.322 | 77  | 433741  | 43.059  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.322 | 96  | 357488  | 47.753  | ug/l   | 90  |
| 28) Bromochloromethane       | 7.651 | 49  | 258304  | 44.424  | ug/l # | 81  |
| 29) Tetrahydrofuran          | 7.680 | 42  | 1168460 | 272.959 | ug/l   | 91  |
| 30) Chloroform               | 7.816 | 83  | 617021  | 49.547  | ug/l   | 100 |
| 31) Cyclohexane              | 8.092 | 56  | 551643  | 43.819  | ug/l   | 93  |
| 32) 1,1,1-Trichloroethane    | 8.010 | 97  | 525881  | 49.575  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.216 | 75  | 439209  | 45.179  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.404 | 43  | 674911  | 50.444  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 8.204 | 117 | 442674  | 47.077  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.457 | 83  | 512962  | 44.853  | ug/l   | 94  |
| 40) Benzene                  | 8.457 | 78  | 1383371 | 47.229  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032222\  
 Data File : VN071482.D  
 Acq On : 22 Mar 2022 22:11  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 23 07:11:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 08 06:52:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.628  | 41   | 324112   | 49.501   | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.527  | 62   | 508819   | 49.920   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.557  | 43   | 1032694  | 51.615   | ug/l   | 96       |
| 44) Trichloroethene           | 9.210  | 130  | 319192   | 46.186   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.486  | 63   | 383950   | 48.831   | ug/l   | 98       |
| 46) Dibromomethane            | 9.574  | 93   | 234375   | 48.430   | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.757  | 83   | 489621   | 50.063   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.557  | 41   | 462088   | 49.837   | ug/l # | 87       |
| 49) 1,4-Dioxane               | 9.563  | 88   | 184454   | 1144.501 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.327 | 43   | 3458486  | 278.532  | ug/l   | 99       |
| 52) Toluene                   | 10.504 | 92   | 871127   | 48.298   | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.716 | 75   | 529729   | 49.135   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.186 | 75   | 570751   | 48.452   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.892 | 97   | 352980   | 48.839   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.757 | 69   | 623759   | 52.848   | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 11.039 | 76   | 638771   | 49.239   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.039 | 63   | 633016   | 254.689  | ug/l   | 93       |
| 59) 2-Hexanone                | 11.080 | 43   | 2599930  | 306.881  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.233 | 129  | 368195   | 51.273   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.339 | 107  | 357539   | 48.403   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.974 | 164  | 272920   | 43.808   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.768 | 112  | 917651   | 47.836   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.839 | 131  | 346592   | 49.274   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.839 | 91   | 1679309  | 49.510   | ug/l   | 95       |
| 68) m/p-Xylenes               | 11.951 | 106  | 1243213  | 100.192  | ug/l   | 97       |
| 69) o-Xylene                  | 12.274 | 106  | 634287   | 50.996   | ug/l   | 97       |
| 70) Styrene                   | 12.292 | 104  | 1024703  | 53.222   | ug/l   | 97       |
| 71) Bromoform                 | 12.457 | 173  | 286455   | 53.625   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.574 | 105  | 1637973  | 46.097   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.386 | 43   | 735143   | 55.024   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 12.821 | 83   | 587836   | 55.977   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.874 | 75   | 732072   | 83.855   | ug/l   | 66       |
| 77) Bromobenzene              | 12.857 | 156  | 379113   | 45.755   | ug/l   | 78       |
| 78) n-propylbenzene           | 12.915 | 91   | 1816108  | 47.630   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 1131644  | 46.234   | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 1312257  | 47.469   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.621 | 75   | 172813   | 50.680   | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 13.104 | 91   | 1063808  | 48.795   | ug/l   | 93       |
| 83) tert-Butylbenzene         | 13.321 | 119  | 1197113  | 48.523   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.362 | 105  | 1274860  | 48.146   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 1613745  | 49.212   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 1289430  | 50.000   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.610 | 146  | 631149   | 46.880   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.692 | 146  | 603414   | 45.852   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.939 | 91   | 974580   | 48.318   | ug/l   | 96       |
| 90) Hexachloroethane          | 14.209 | 117  | 245444   | 47.860   | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 611650   | 47.256   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 110503   | 53.449   | ug/l   | 87       |
| 93) 1,2,4-Trichlorobenzene    | 15.256 | 180  | 283723   | 47.149   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.368 | 225  | 164648   | 45.313   | ug/l   | 99       |
| 95) Naphthalene               | 15.504 | 128  | 911652   | 53.551   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 292724   | 50.551   | ug/l   | 98       |

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Data File : VN071482.D  
Acq On : 22 Mar 2022 22:11  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 30 Sample Multiplier: 1

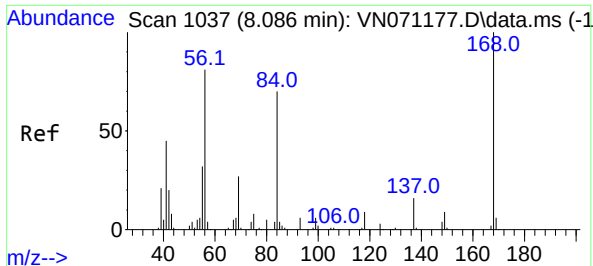
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Quant Time: Mar 23 07:11:57 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030722W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 08 06:52:46 2022  
Response via : Initial Calibration

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

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

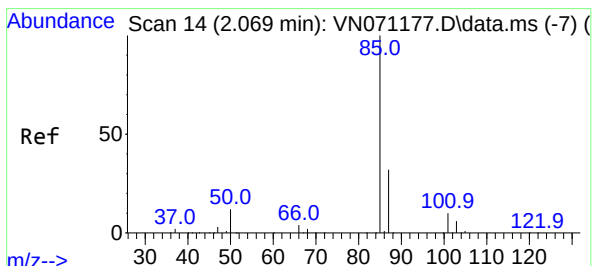
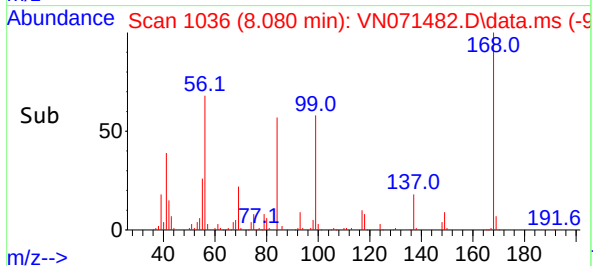
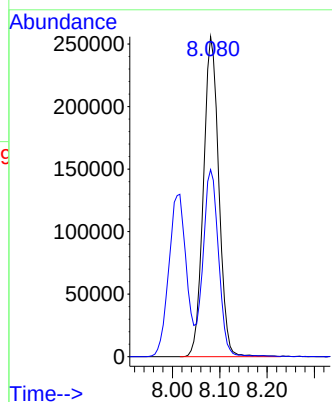
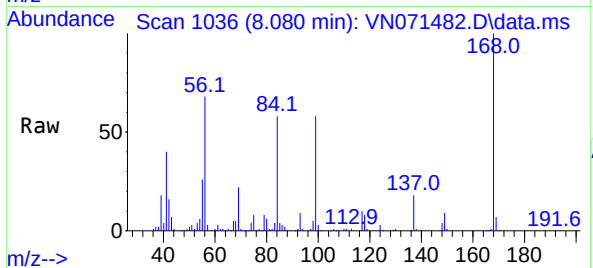




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.080 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

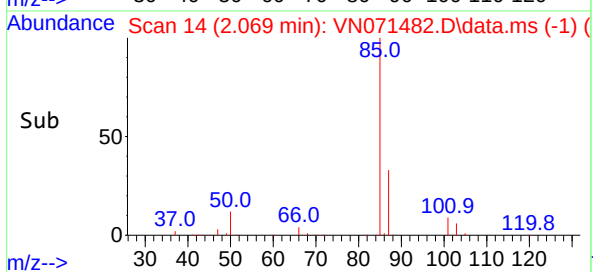
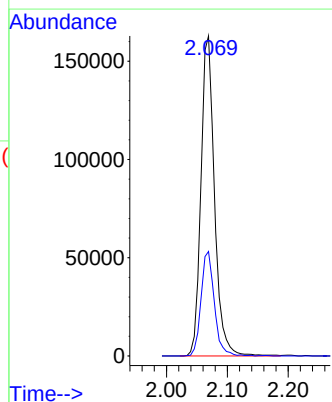
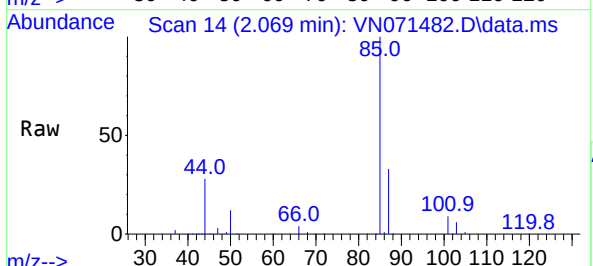
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:168 Resp: 575207  
Ion Ratio Lower Upper  
168 100  
99 58.3 41.3 61.9

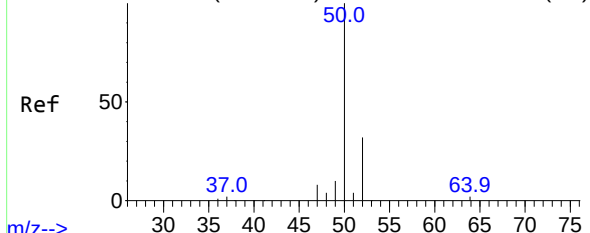


#2  
Dichlorodifluoromethane  
Concen: 40.049 ug/l  
RT: 2.069 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 85 Resp: 252472  
Ion Ratio Lower Upper  
85 100  
87 32.7 16.3 48.9

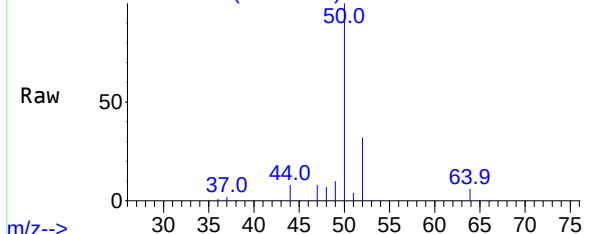


Abundance Scan 53 (2.299 min): VN071177.D\data.ms (-44)



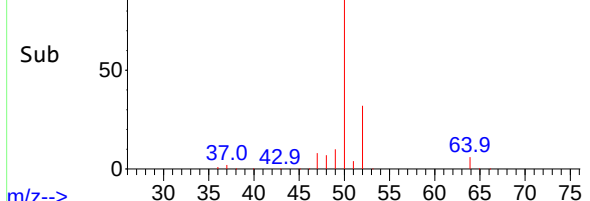
m/z-->

Abundance Scan 53 (2.298 min): VN071482.D\data.ms



m/z-->

Abundance Scan 53 (2.298 min): VN071482.D\data.ms (-2)



m/z-->

#3

Chloromethane

Concen: 43.653 ug/l

RT: 2.298 min Scan# 51

Delta R.T. -0.001 min

Lab File: VN071482.D

Acq: 22 Mar 2022 22:11

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

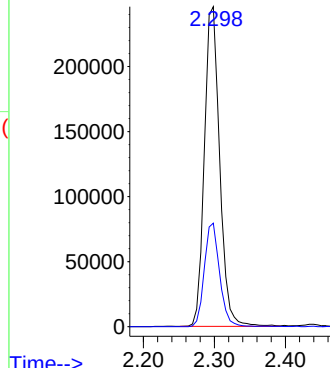
Tgt Ion: 50 Resp: 369491

Ion Ratio Lower Upper

50 100

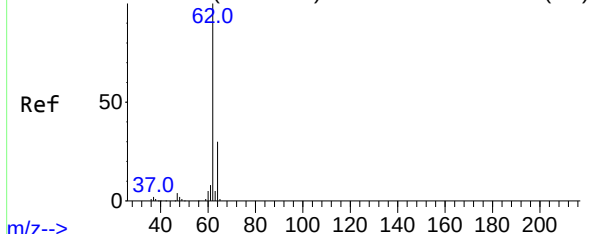
52 32.4 25.4 38.0

Abundance



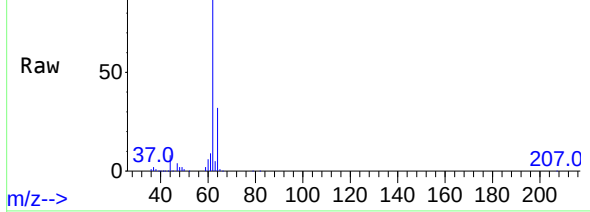
Time-->

Abundance Scan 77 (2.440 min): VN071177.D\data.ms (-69)



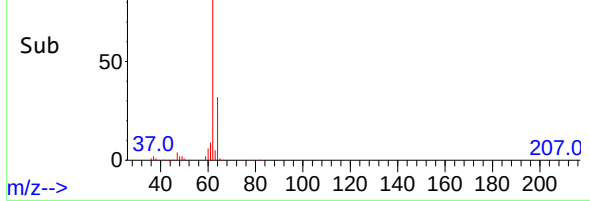
m/z-->

Abundance Scan 76 (2.434 min): VN071482.D\data.ms



m/z-->

Abundance Scan 76 (2.434 min): VN071482.D\data.ms (-26)



m/z-->

#4

Vinyl Chloride

Concen: 43.186 ug/l

RT: 2.434 min Scan# 76

Delta R.T. -0.006 min

Lab File: VN071482.D

Acq: 22 Mar 2022 22:11

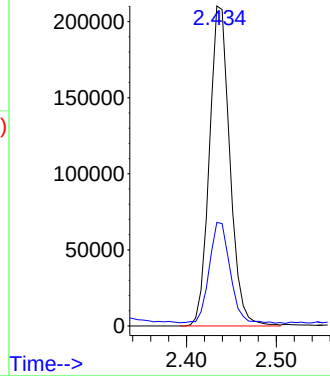
Tgt Ion: 62 Resp: 333648

Ion Ratio Lower Upper

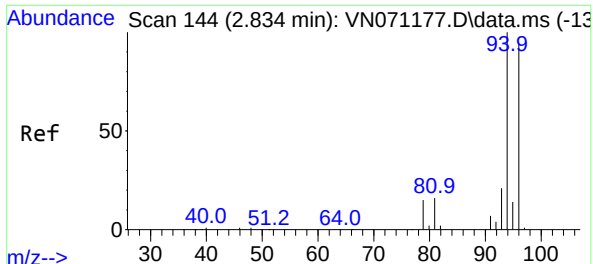
62 100

64 31.4 25.8 38.6

Abundance



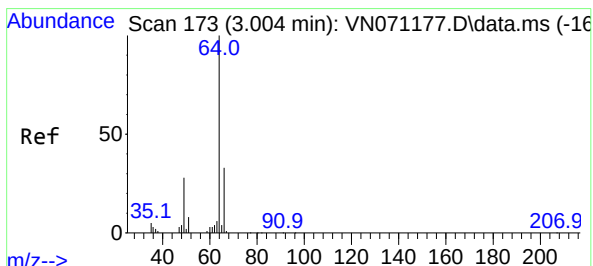
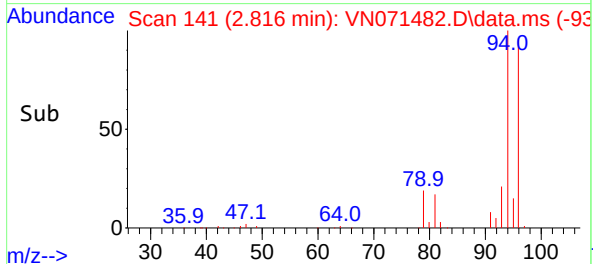
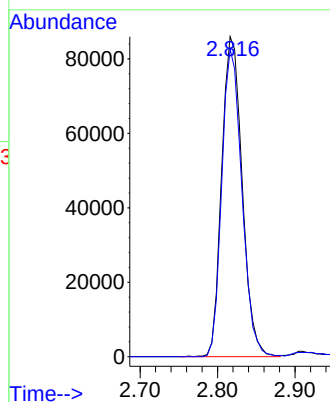
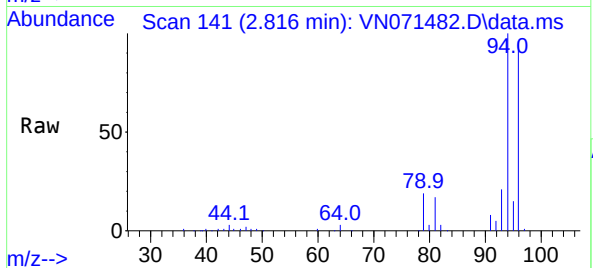
Time-->



#5  
Bromomethane  
Concen: 45.189 ug/l  
RT: 2.816 min Scan# 144  
Delta R.T. -0.018 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

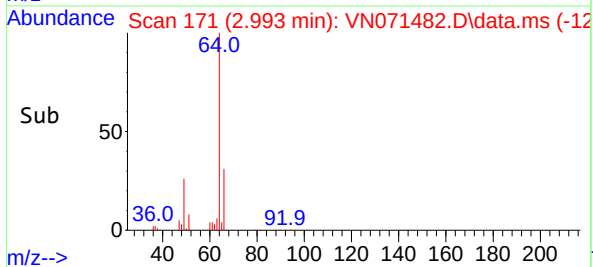
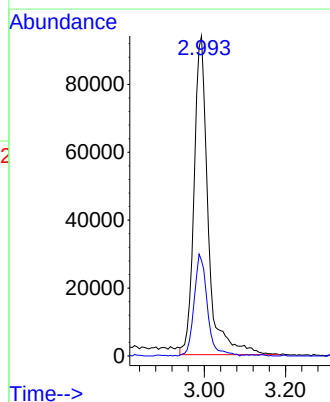
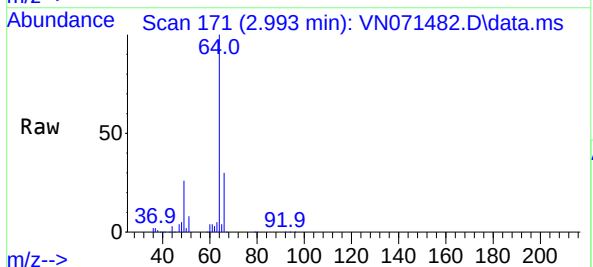
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

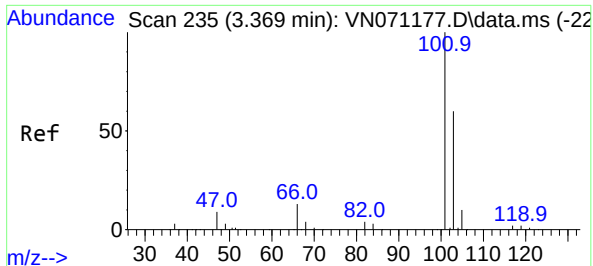
Tgt Ion: 94 Resp: 157878  
Ion Ratio Lower Upper  
94 100  
96 96.1 73.8 110.8



#6  
Chloroethane  
Concen: 48.536 ug/l  
RT: 2.993 min Scan# 171  
Delta R.T. -0.011 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 64 Resp: 227086  
Ion Ratio Lower Upper  
64 100  
66 30.0 26.3 39.5

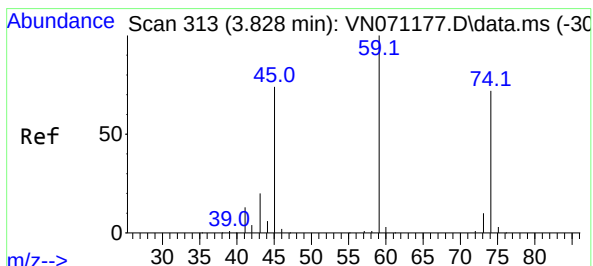
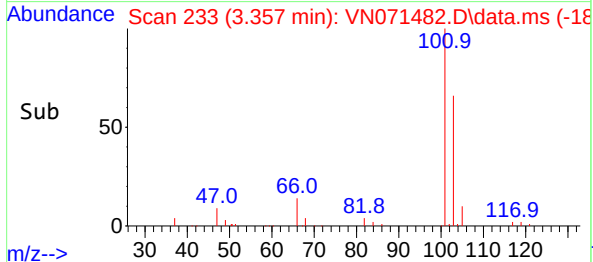
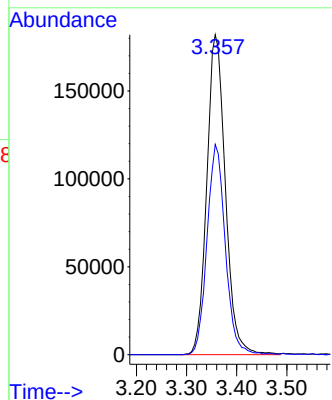
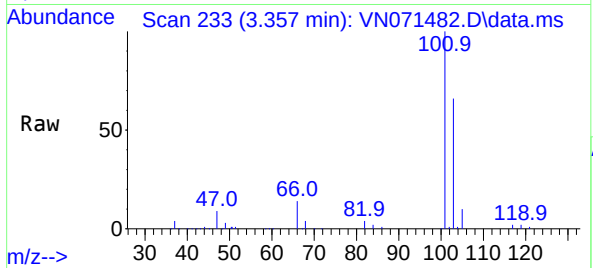




#7  
Trichlorofluoromethane  
Concen: 46.113 ug/l  
RT: 3.357 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

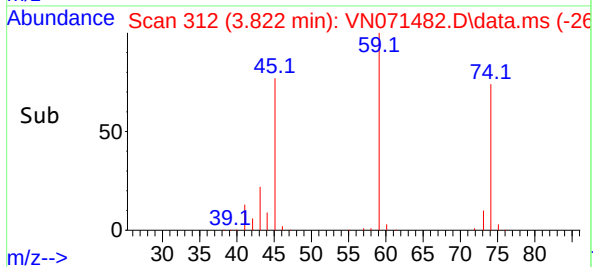
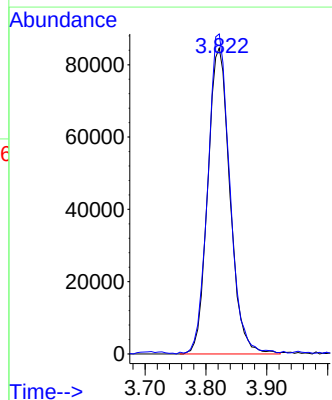
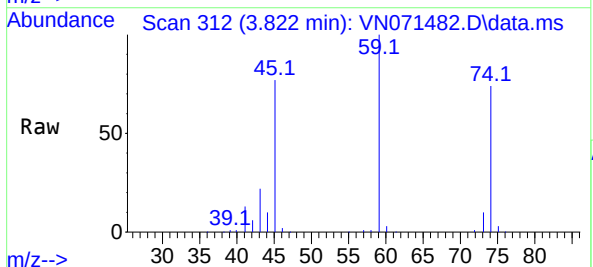
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:101 Resp: 468910  
Ion Ratio Lower Upper  
101 100  
103 65.7 50.1 75.1

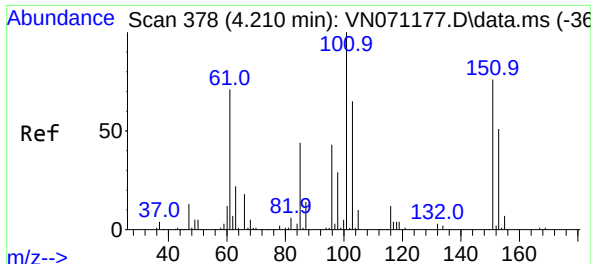


#8  
Diethyl Ether  
Concen: 49.177 ug/l  
RT: 3.822 min Scan# 312  
Delta R.T. -0.006 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 74 Resp: 213988  
Ion Ratio Lower Upper  
74 100  
45 104.1 47.0 141.2



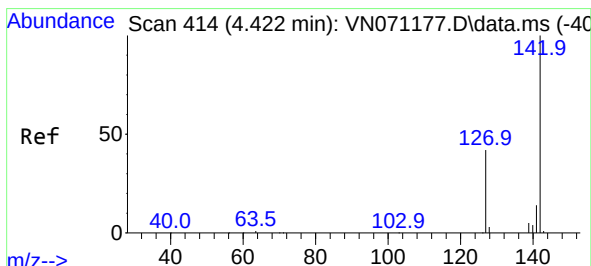
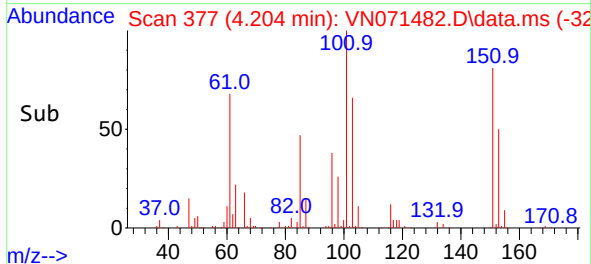
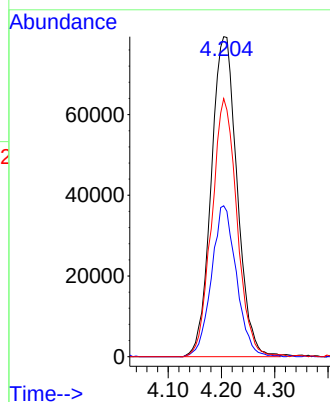
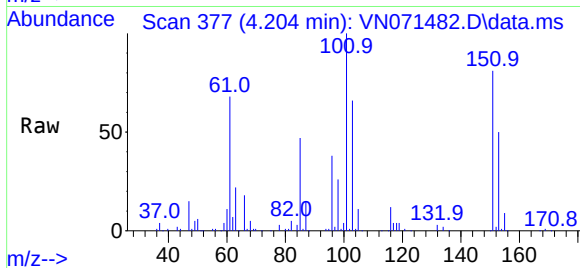




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 45.521 ug/l  
RT: 4.204 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

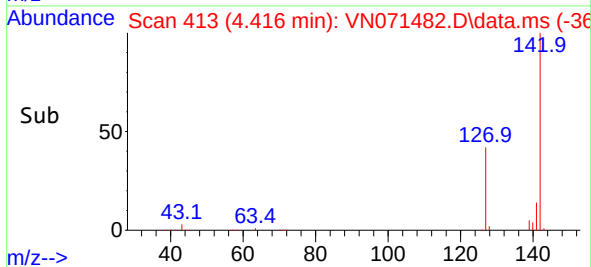
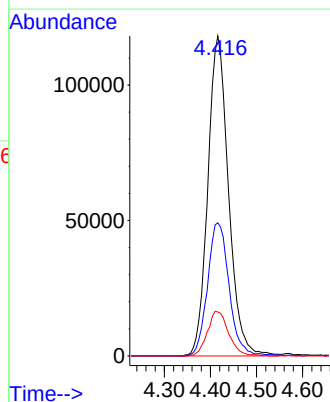
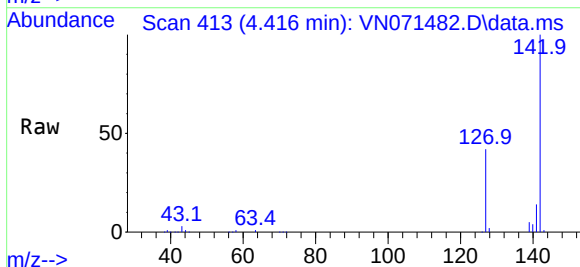
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

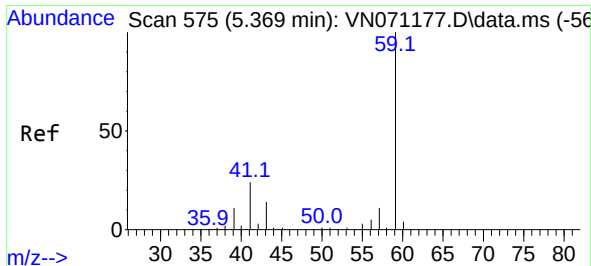
Tgt Ion:101 Resp: 267963  
Ion Ratio Lower Upper  
101 100  
85 45.4 37.2 55.8  
151 78.6 65.9 98.9



#10  
Methyl Iodide  
Concen: 44.431 ug/l  
RT: 4.416 min Scan# 413  
Delta R.T. -0.006 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion:142 Resp: 369413  
Ion Ratio Lower Upper  
142 100  
127 43.4 35.4 53.0  
141 14.4 11.6 17.4

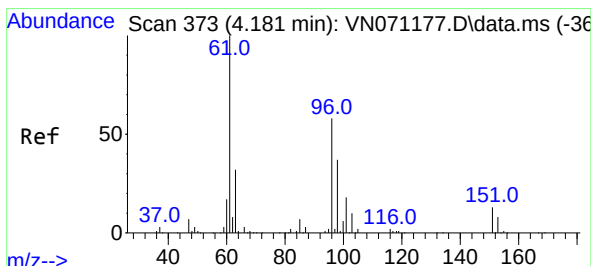
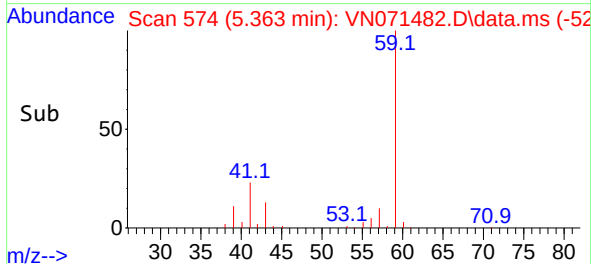
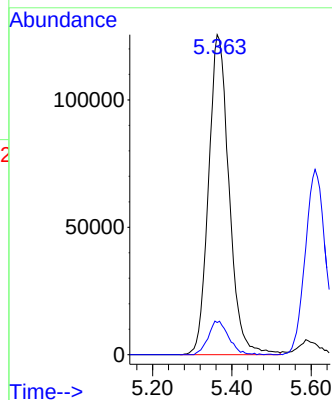
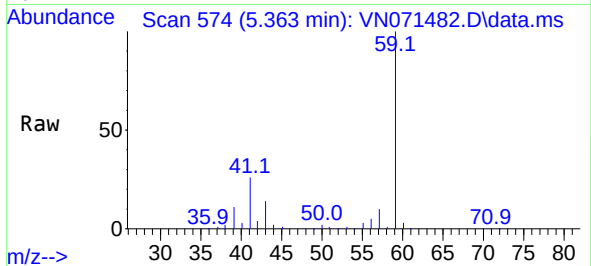




#11  
Tert butyl alcohol  
Concen: 291.261 ug/l  
RT: 5.363 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

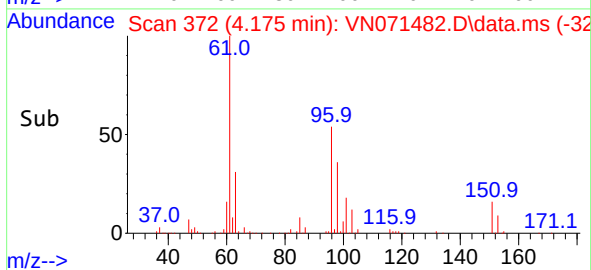
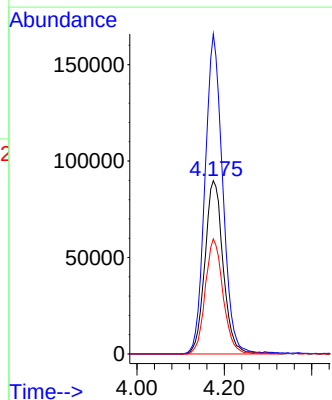
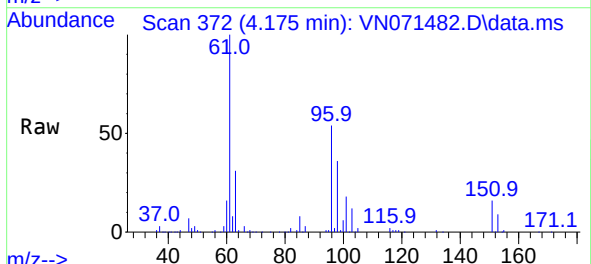
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

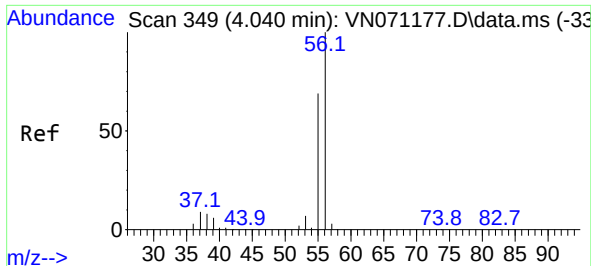
Tgt Ion: 59 Resp: 451067  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 45.308 ug/l  
RT: 4.175 min Scan# 372  
Delta R.T. -0.006 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 96 Resp: 261275  
Ion Ratio Lower Upper  
96 100  
61 184.6 131.0 196.6  
98 66.4 52.4 78.6

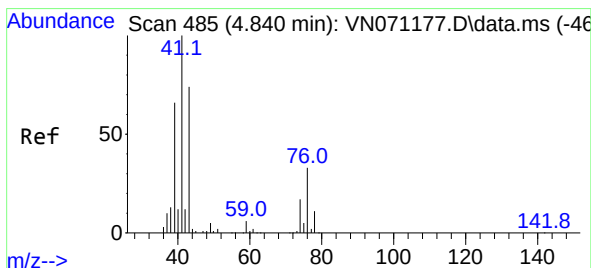
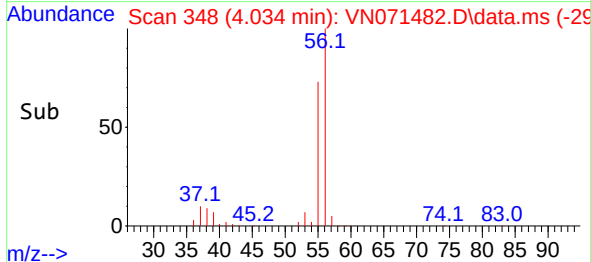
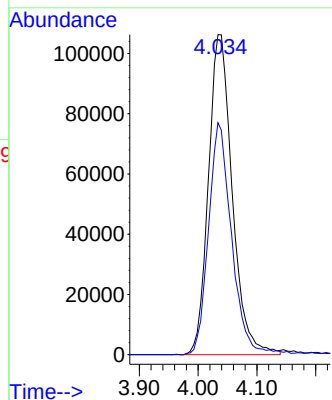
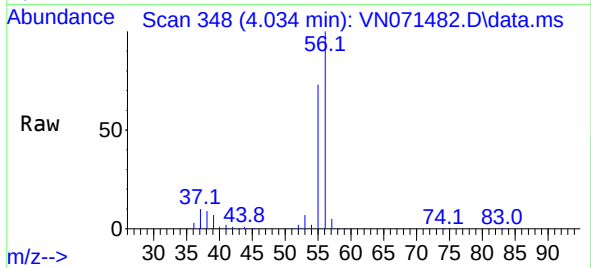




#13  
Acrolein  
Concen: 182.485 ug/l  
RT: 4.034 min Scan# 349  
Delta R.T. -0.006 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

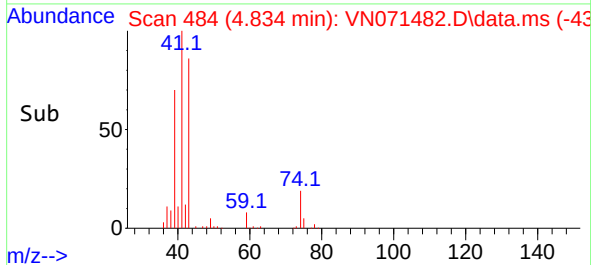
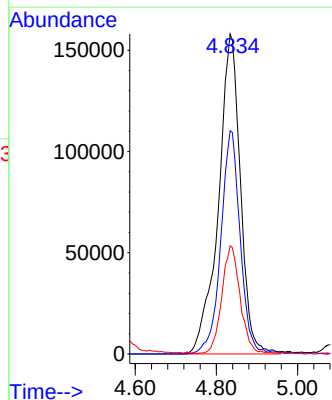
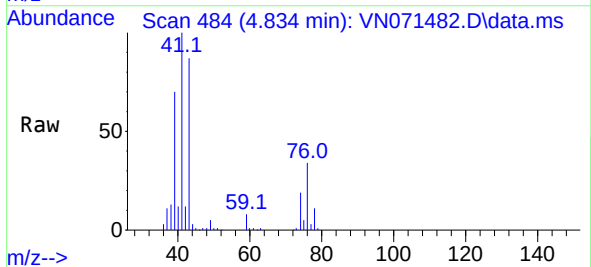
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

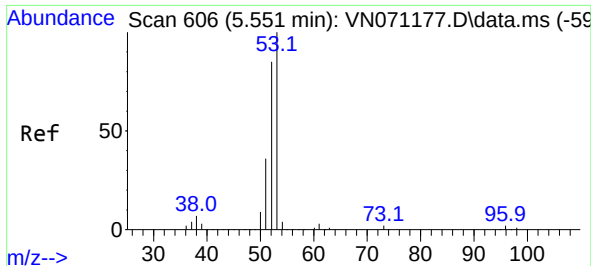
Tgt Ion: 56 Resp: 299127  
Ion Ratio Lower Upper  
56 100  
55 70.1 56.6 85.0



#14  
Allyl chloride  
Concen: 47.469 ug/l  
RT: 4.834 min Scan# 484  
Delta R.T. -0.006 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 41 Resp: 595369  
Ion Ratio Lower Upper  
41 100  
39 61.5 61.2 91.8  
76 28.0 26.0 39.0



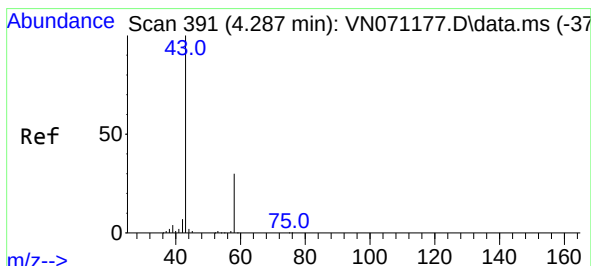
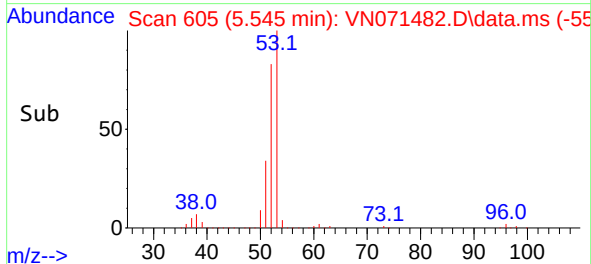
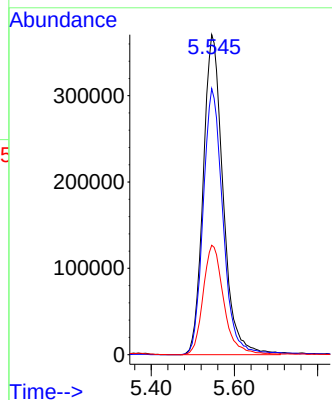
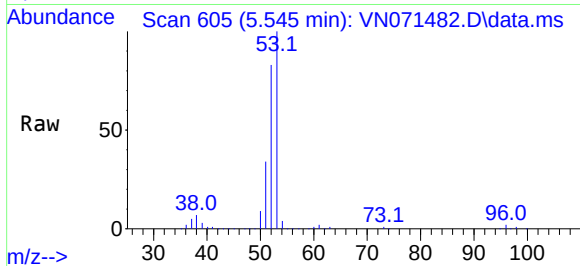


#15  
Acrylonitrile  
Concen: 268.108 ug/l  
RT: 5.545 min Scan# 606  
Delta R.T. -0.006 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 53 Resp: 1232890  

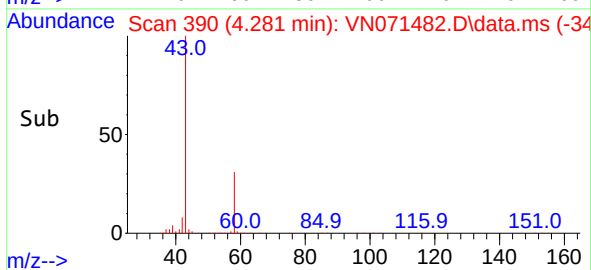
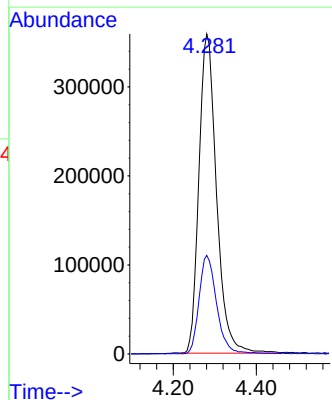
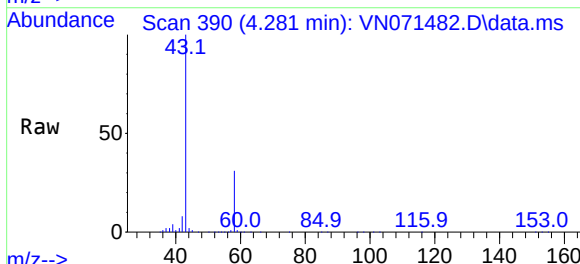
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.7  | 66.2  | 99.2  |
| 51  | 35.5  | 29.6  | 44.4  |

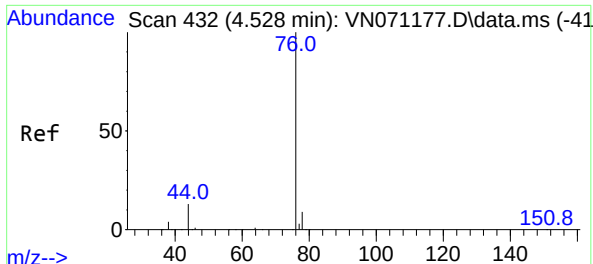


#16  
Acetone  
Concen: 274.074 ug/l  
RT: 4.281 min Scan# 390  
Delta R.T. -0.006 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 43 Resp: 1051301  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 30.8  | 23.1  | 34.7  |

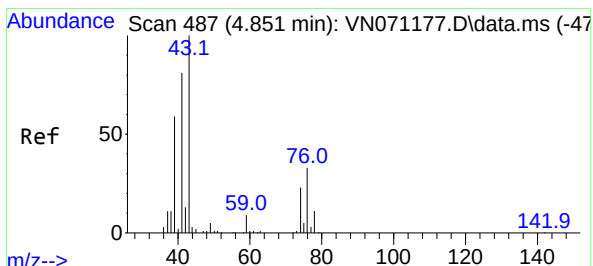
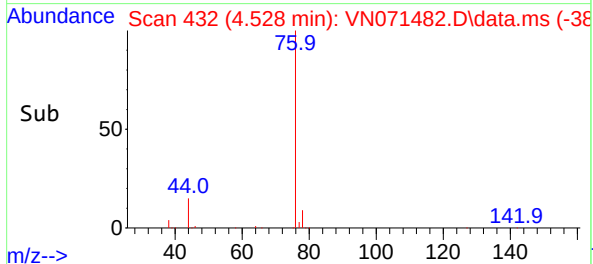
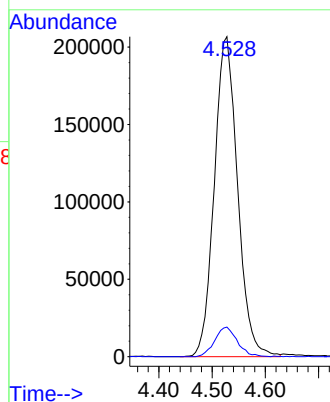
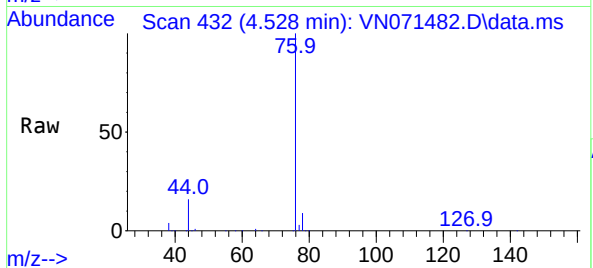




#17  
Carbon Disulfide  
Concen: 38.222 ug/l  
RT: 4.528 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

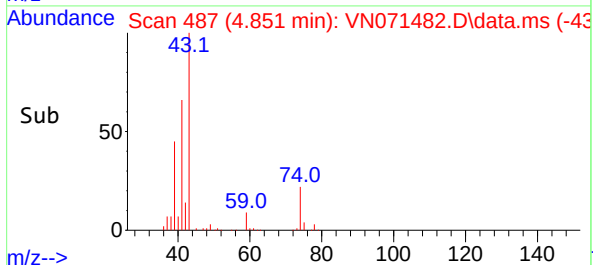
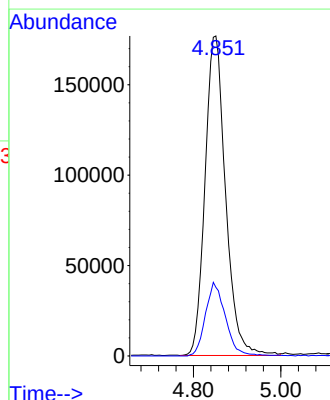
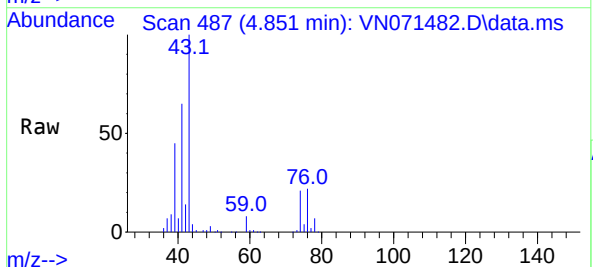
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

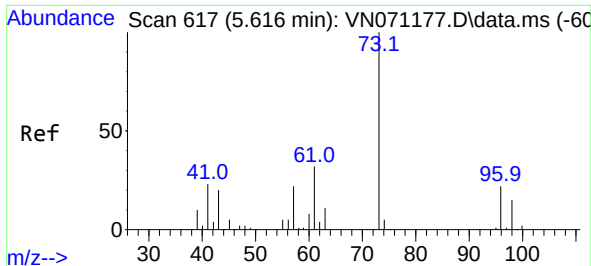
Tgt Ion: 76 Resp: 627494  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.5 11.3



#18  
Methyl Acetate  
Concen: 56.050 ug/l  
RT: 4.851 min Scan# 487  
Delta R.T. 0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 43 Resp: 577999  
Ion Ratio Lower Upper  
43 100  
74 22.5 19.4 29.2

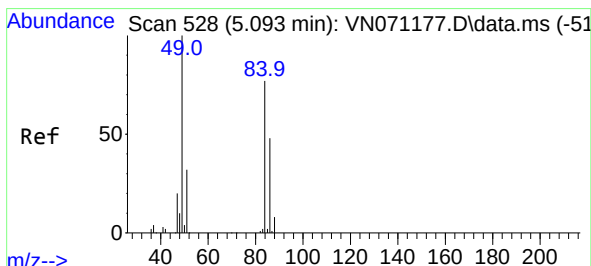
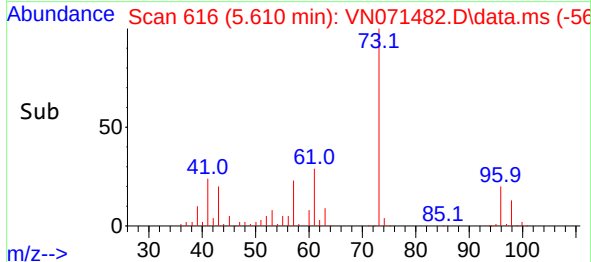
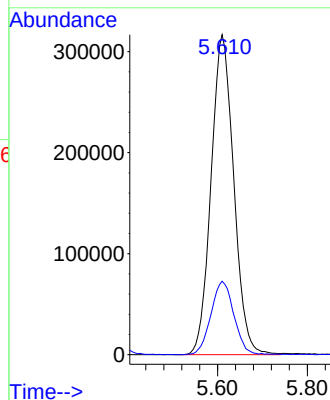
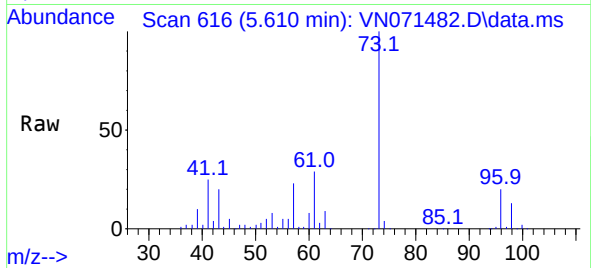




#19  
Methyl tert-butyl Ether  
Concen: 51.322 ug/l  
RT: 5.610 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

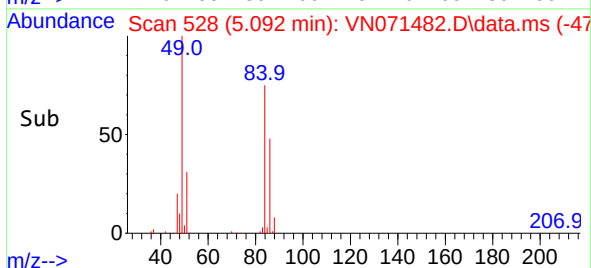
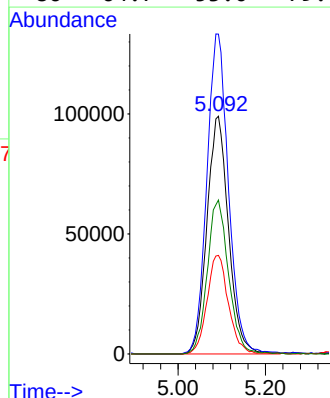
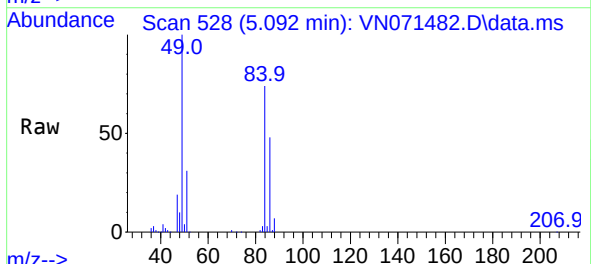
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

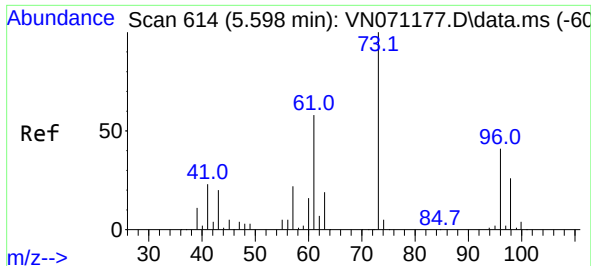
Tgt Ion: 73 Resp: 1111177  
Ion Ratio Lower Upper  
73 100  
57 23.0 16.8 25.2



#20  
Methylene Chloride  
Concen: 48.531 ug/l  
RT: 5.092 min Scan# 528  
Delta R.T. -0.001 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 84 Resp: 340152  
Ion Ratio Lower Upper  
84 100  
49 134.5 93.5 140.3  
51 41.5 29.4 44.2  
86 64.7 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 44.870 ug/l

RT: 5.592 min Scan# 614

Delta R.T. -0.006 min

Lab File: VN071482.D

Acq: 22 Mar 2022 22:11

Instrument :

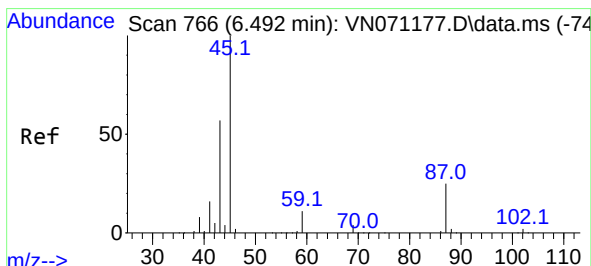
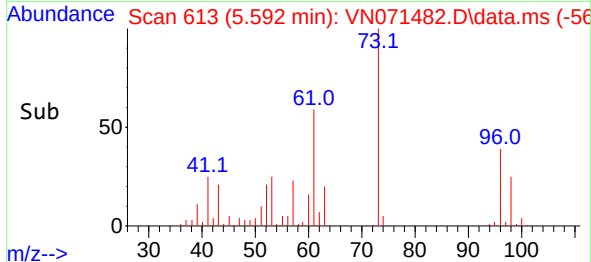
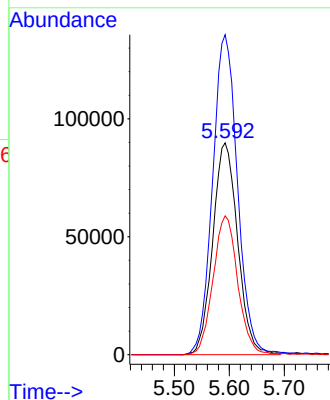
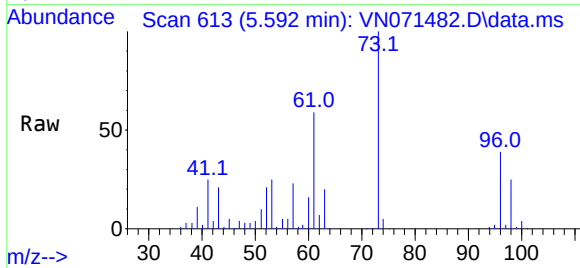
MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 283020

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 151.1 | 105.8 | 158.6 |
| 98  | 65.6  | 52.0  | 78.0  |



#22

Diisopropyl ether

Concen: 51.464 ug/l

RT: 6.486 min Scan# 765

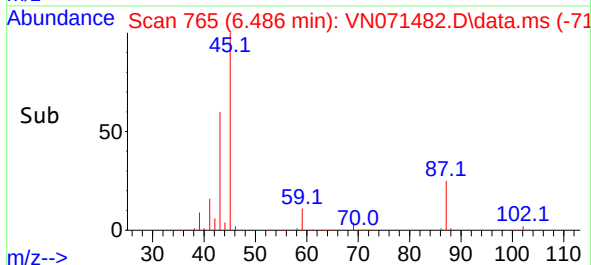
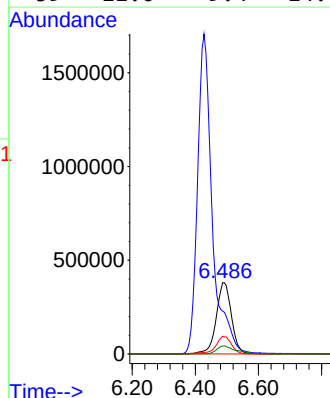
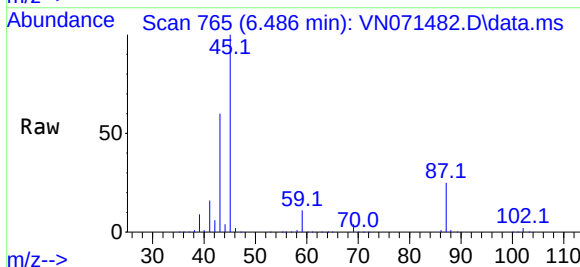
Delta R.T. -0.006 min

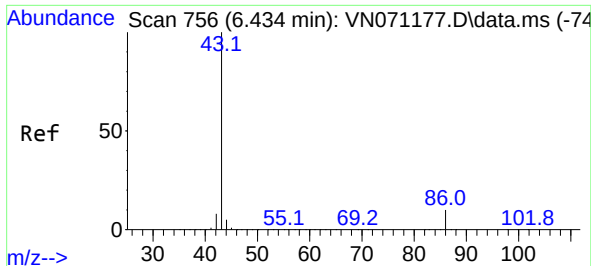
Lab File: VN071482.D

Acq: 22 Mar 2022 22:11

Tgt Ion: 45 Resp: 1271652

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 60.1  | 51.7  | 77.5  |
| 87  | 24.8  | 23.2  | 34.8  |
| 59  | 11.0  | 9.4   | 14.0  |

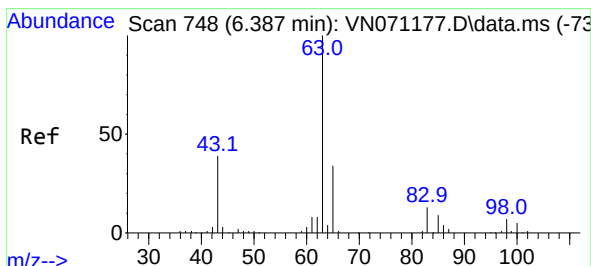
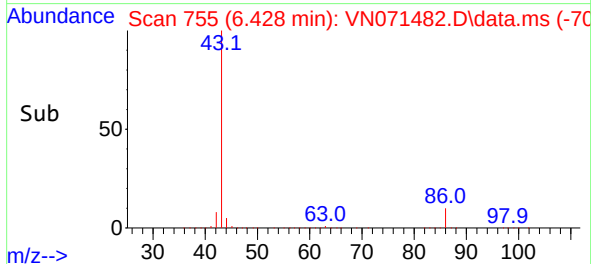
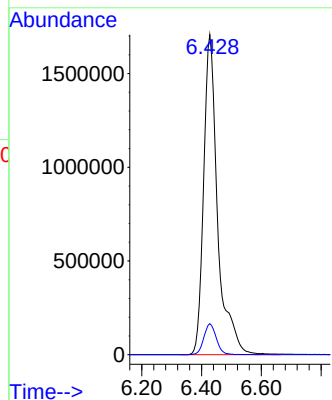
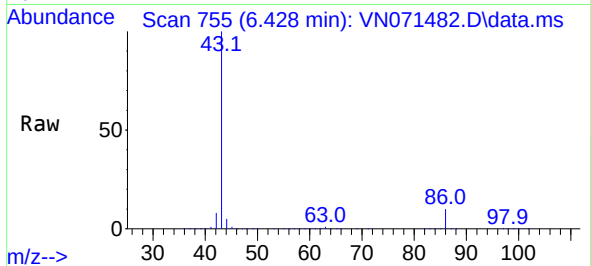




#23  
 Vinyl Acetate  
 Concen: 264.924 ug/l  
 RT: 6.428 min Scan# 714  
 Delta R.T. -0.006 min  
 Lab File: VN071482.D  
 Acq: 22 Mar 2022 22:11

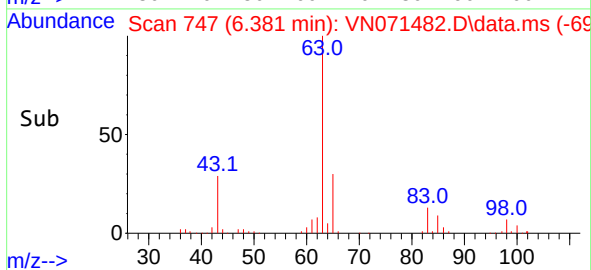
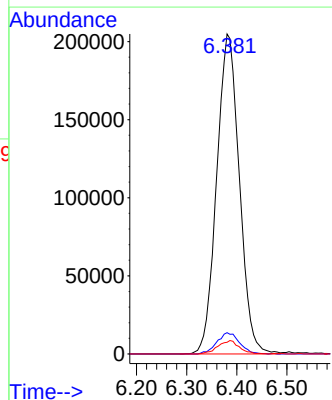
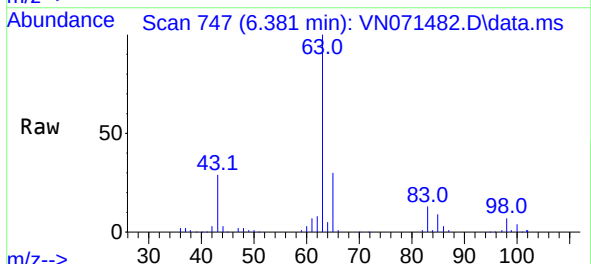
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 5541859  
 Ion Ratio Lower Upper  
 43 100  
 86 9.7 8.5 12.7

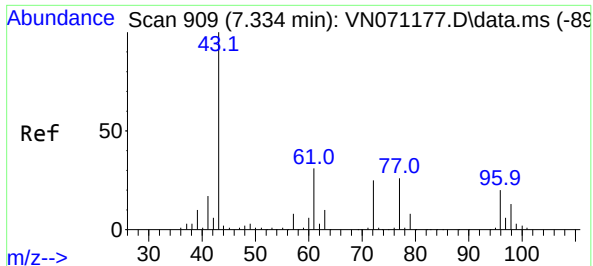


#24  
 1,1-Dichloroethane  
 Concen: 49.342 ug/l  
 RT: 6.381 min Scan# 747  
 Delta R.T. -0.006 min  
 Lab File: VN071482.D  
 Acq: 22 Mar 2022 22:11

Tgt Ion: 63 Resp: 644252  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.3 9.9  
 100 3.7 2.1 6.5







#25

2-Butanone

Concen: 283.729 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.006 min

Lab File: VN071482.D

Acq: 22 Mar 2022 22:11

Instrument :

MSVOA\_N

ClientSampleId :

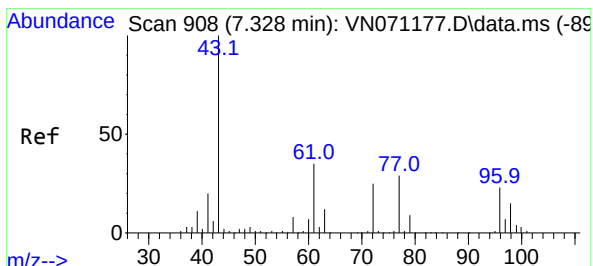
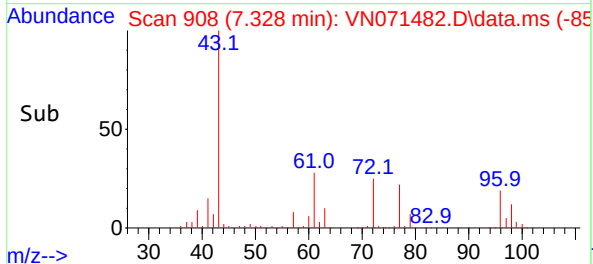
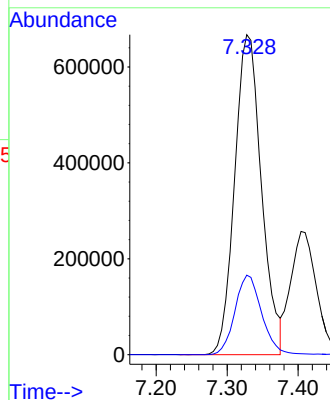
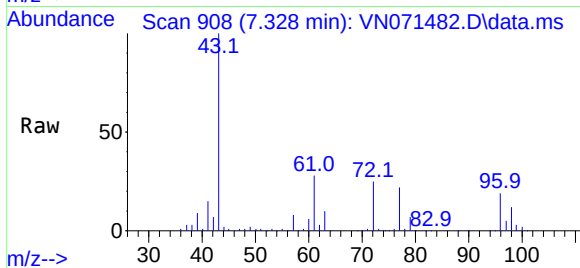
VSTDCCC050

Tgt Ion: 43 Resp: 1753178

Ion Ratio Lower Upper

43 100

72 24.9 21.7 32.5



#26

2,2-Dichloropropane

Concen: 43.059 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.006 min

Lab File: VN071482.D

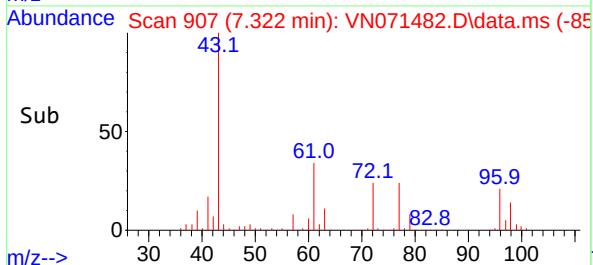
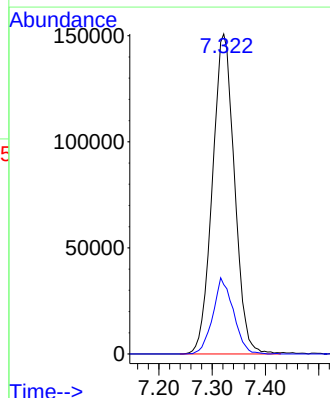
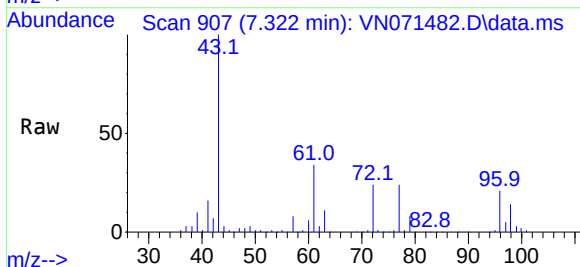
Acq: 22 Mar 2022 22:11

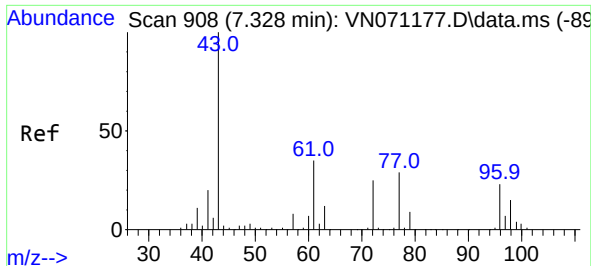
Tgt Ion: 77 Resp: 433741

Ion Ratio Lower Upper

77 100

97 22.2 11.6 34.8

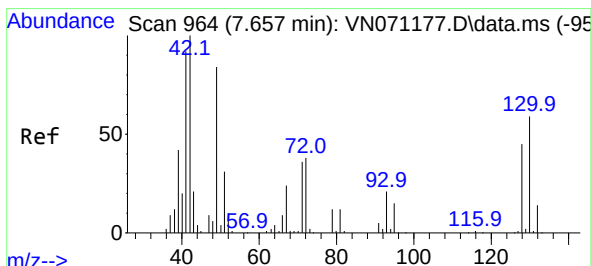
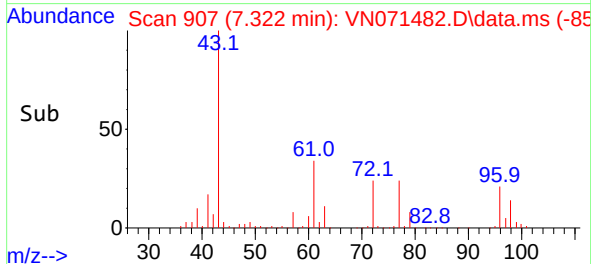
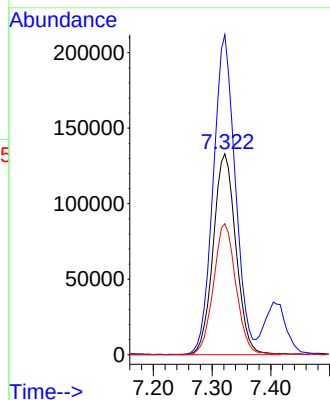
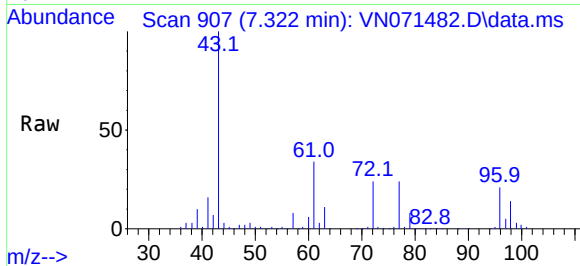




#27  
cis-1,2-Dichloroethene  
Concen: 47.753 ug/l  
RT: 7.322 min Scan# 908  
Delta R.T. -0.006 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

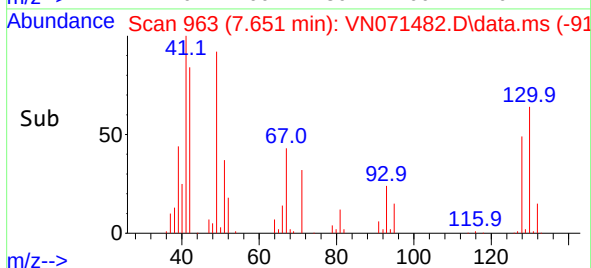
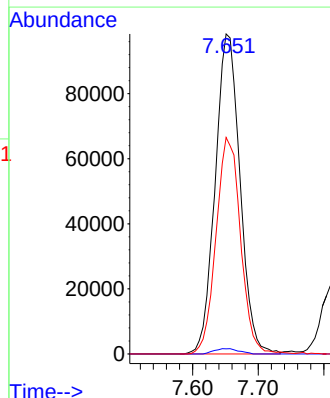
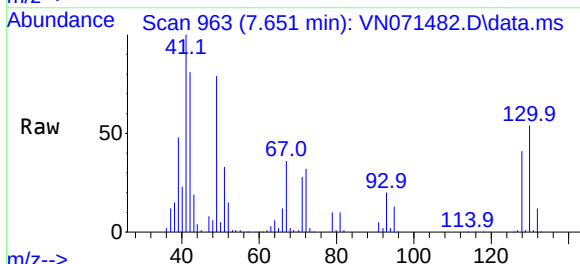
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

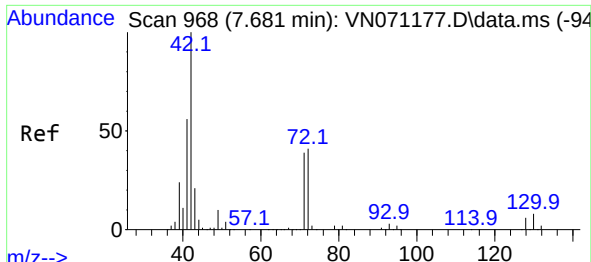
Tgt Ion: 96 Resp: 357488  
Ion Ratio Lower Upper  
96 100  
61 154.9 0.0 275.0  
98 64.5 0.0 129.6



#28  
Bromochloromethane  
Concen: 44.424 ug/l  
RT: 7.651 min Scan# 963  
Delta R.T. -0.006 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 49 Resp: 258304  
Ion Ratio Lower Upper  
49 100  
129 1.6 0.0 4.0  
130 66.8 67.8 101.8#



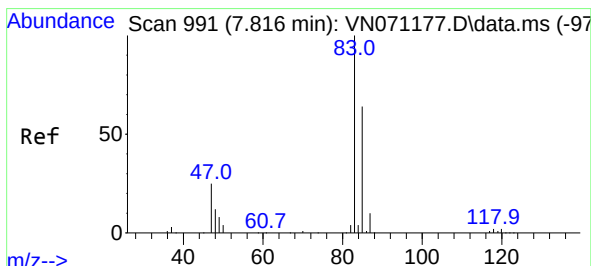
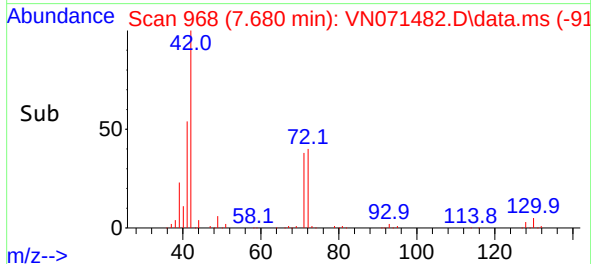
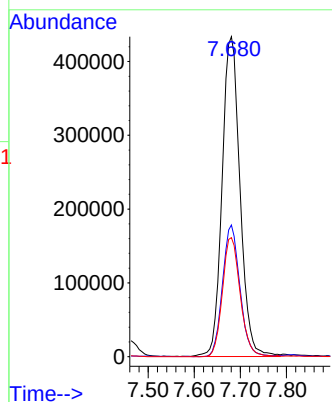
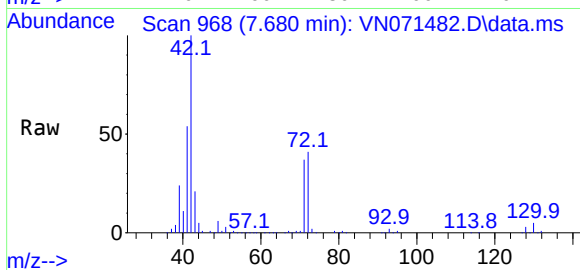


#29  
Tetrahydrofuran  
Concen: 272.959 ug/l  
RT: 7.680 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 42 Resp: 1168460

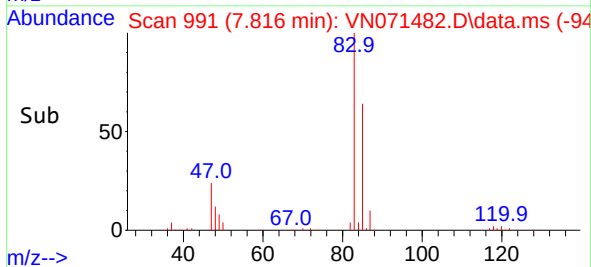
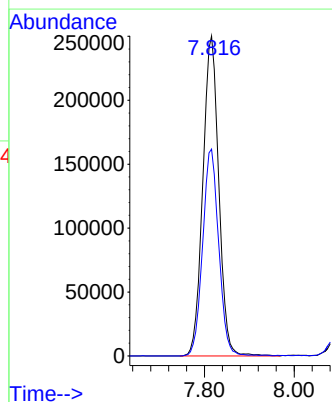
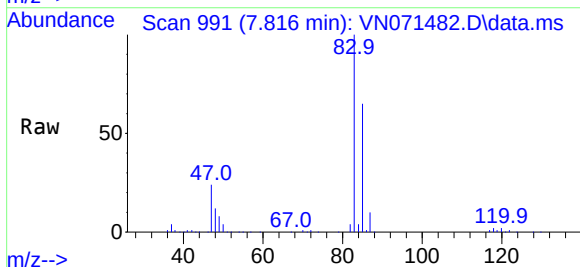
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 39.9  | 36.3  | 54.5  |
| 71  | 36.9  | 34.7  | 52.1  |

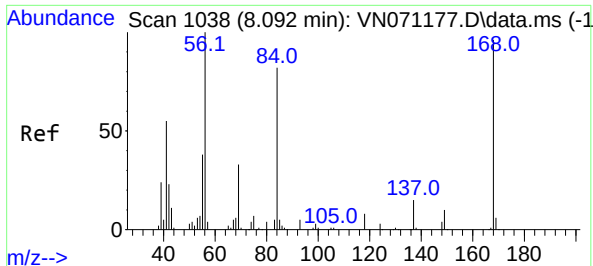


#30  
Chloroform  
Concen: 49.547 ug/l  
RT: 7.816 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 83 Resp: 617021

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.6  | 51.9  | 77.9  |





#31

Cyclohexane

Concen: 43.819 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VN071482.D

Acq: 22 Mar 2022 22:11

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

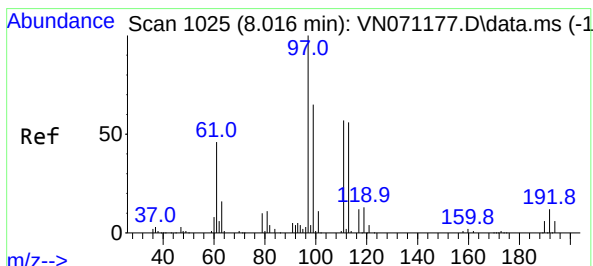
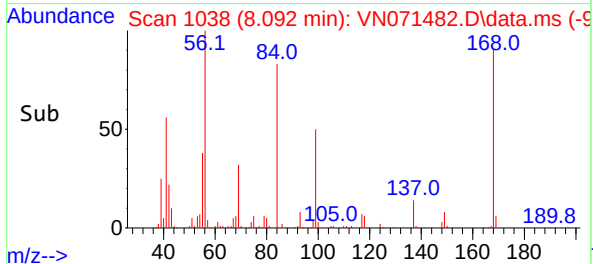
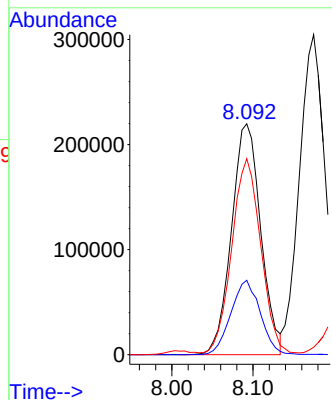
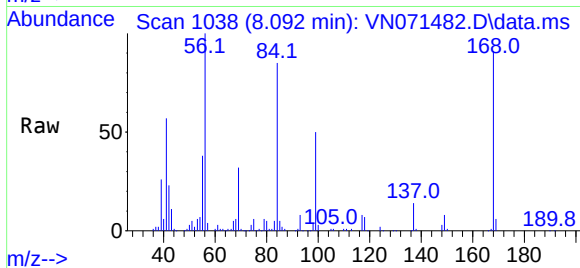
Tgt Ion: 56 Resp: 551643

Ion Ratio Lower Upper

56 100

69 32.2 27.1 40.7

84 83.4 73.4 110.0



#32

1,1,1-Trichloroethane

Concen: 49.575 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.006 min

Lab File: VN071482.D

Acq: 22 Mar 2022 22:11

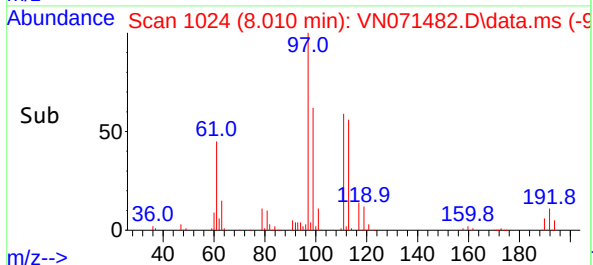
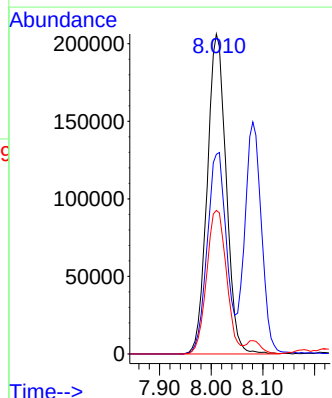
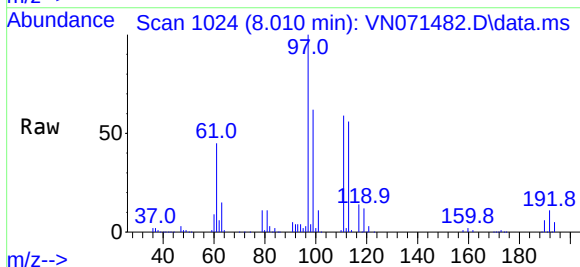
Tgt Ion: 97 Resp: 525881

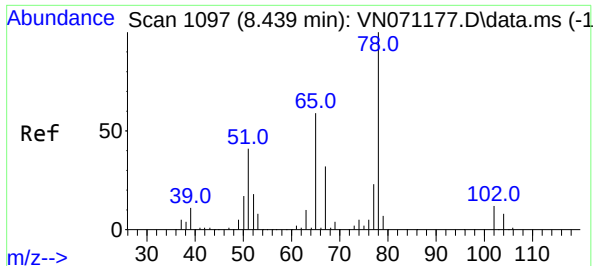
Ion Ratio Lower Upper

97 100

99 63.4 50.1 75.1

61 47.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.885 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VN071482.D

Acq: 22 Mar 2022 22:11

Instrument :

MSVOA\_N

ClientSampleId :

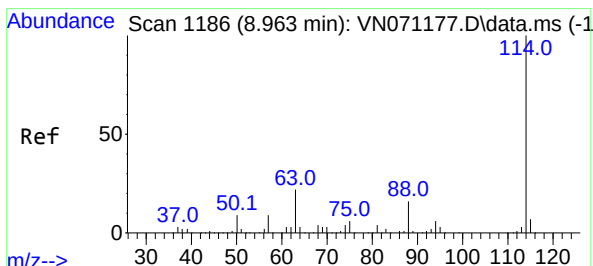
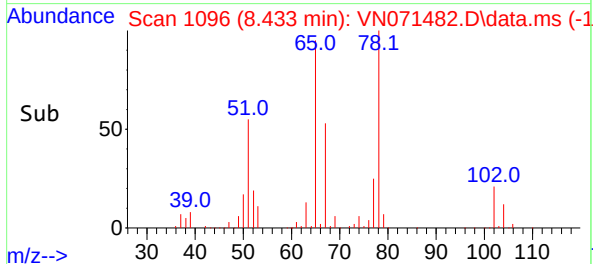
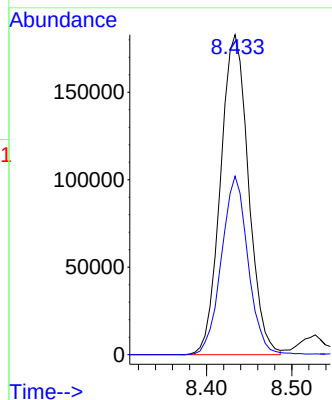
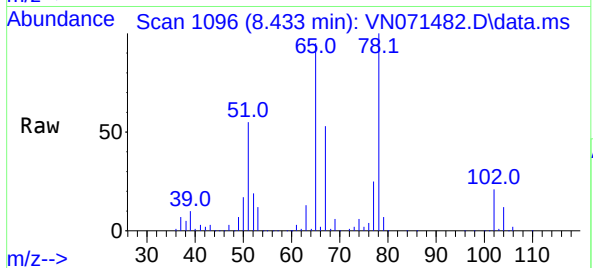
VSTDCCC050

Tgt Ion: 65 Resp: 416913

Ion Ratio Lower Upper

65 100

67 53.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071482.D

Acq: 22 Mar 2022 22:11

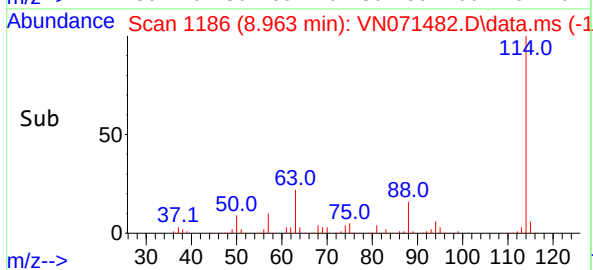
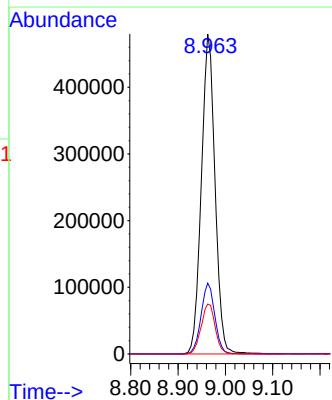
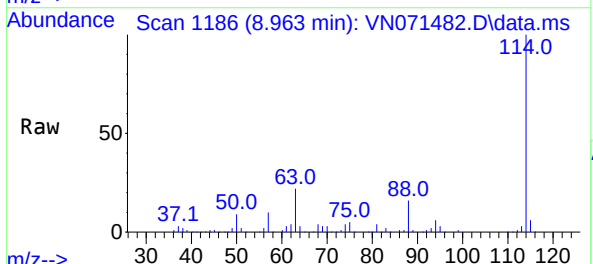
Tgt Ion: 114 Resp: 961530

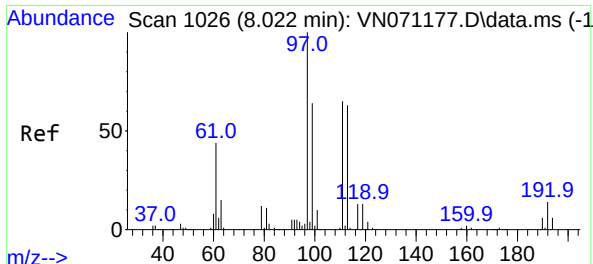
Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.8

88 15.6 0.0 27.4





#35

Dibromofluoromethane

Concen: 51.810 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN071482.D

Acq: 22 Mar 2022 22:11

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

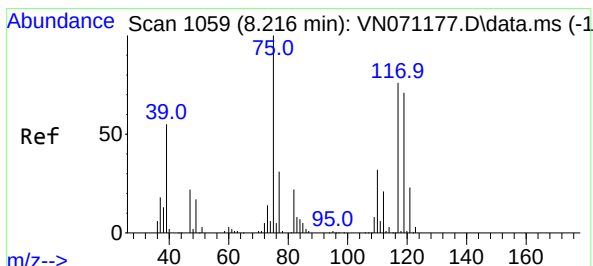
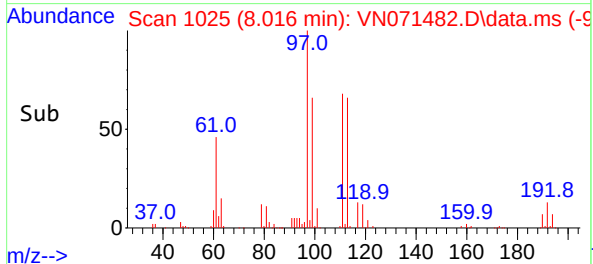
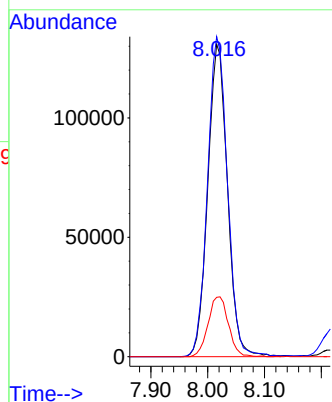
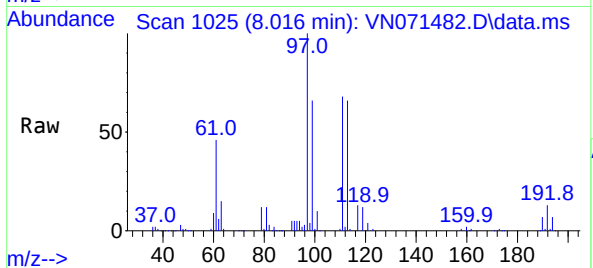
Tgt Ion:113 Resp: 314363

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.2

192 19.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 45.179 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. -0.000 min

Lab File: VN071482.D

Acq: 22 Mar 2022 22:11

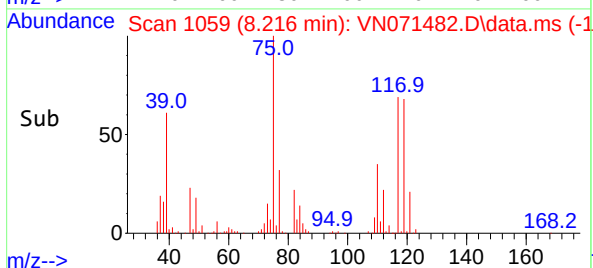
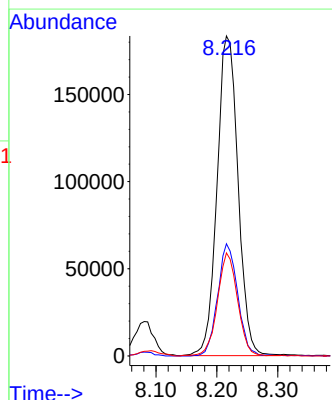
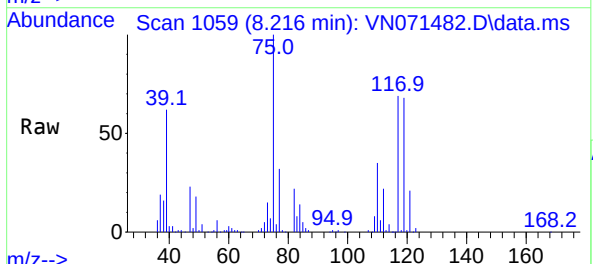
Tgt Ion: 75 Resp: 439209

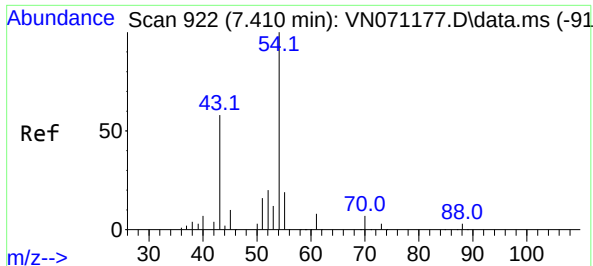
Ion Ratio Lower Upper

75 100

110 33.6 18.4 55.2

77 30.9 24.4 36.6

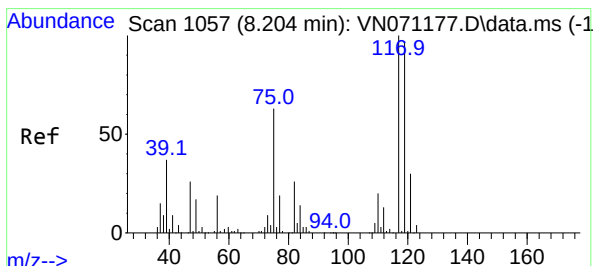
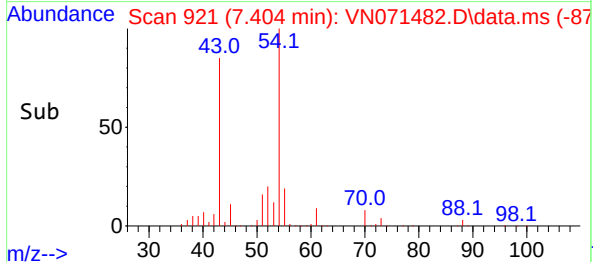
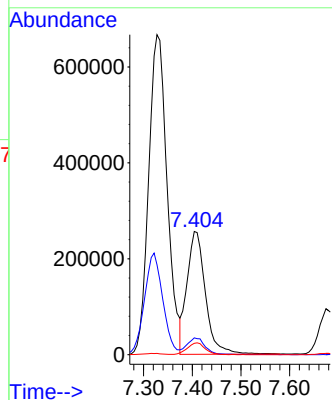
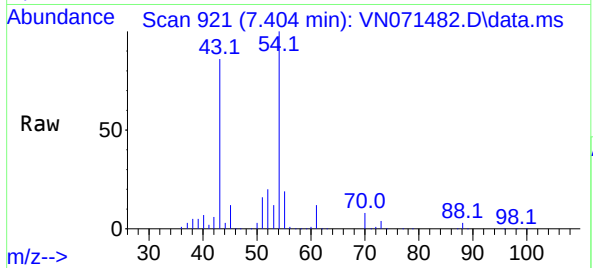




#37  
Ethyl Acetate  
Concen: 50.444 ug/l  
RT: 7.404 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

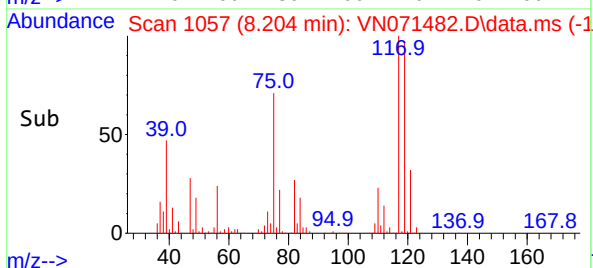
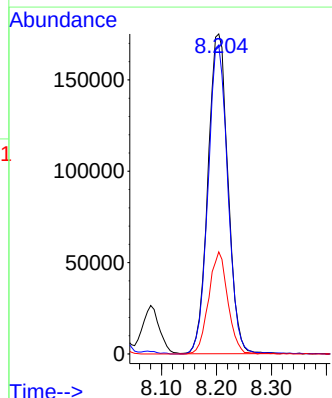
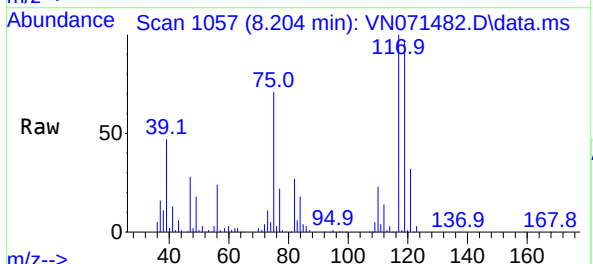
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

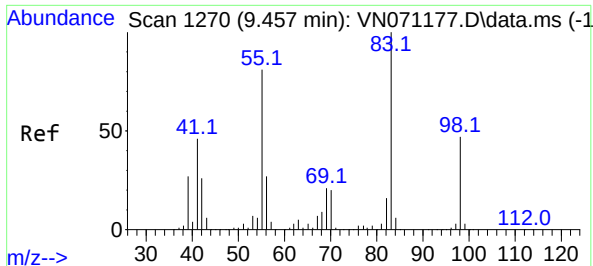
Tgt Ion: 43 Resp: 674911  
Ion Ratio Lower Upper  
43 100  
61 12.9 11.5 17.3  
70 9.4 7.9 11.9



#38  
Carbon Tetrachloride  
Concen: 47.077 ug/l  
RT: 8.204 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 117 Resp: 442674  
Ion Ratio Lower Upper  
117 100  
119 96.7 76.1 114.1  
121 31.9 24.2 36.2

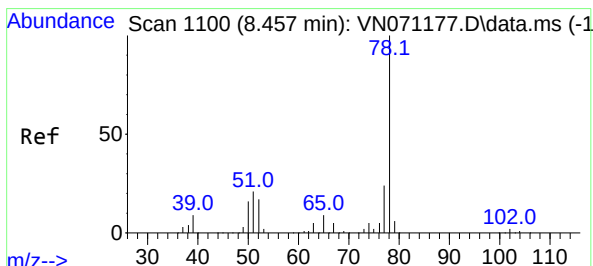
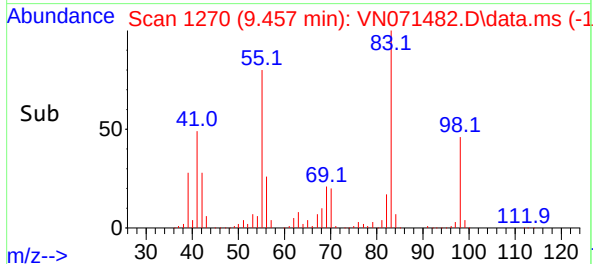
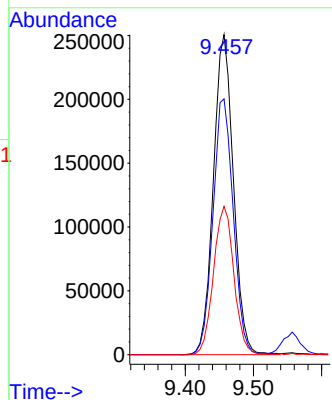
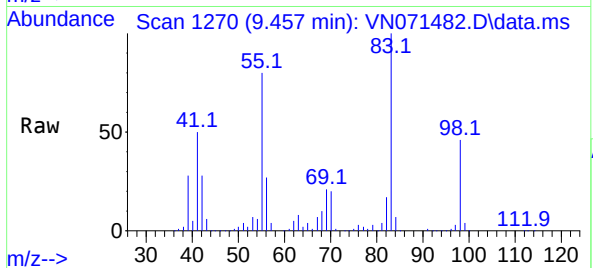




#39  
Methylcyclohexane  
Concen: 44.853 ug/l  
RT: 9.457 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

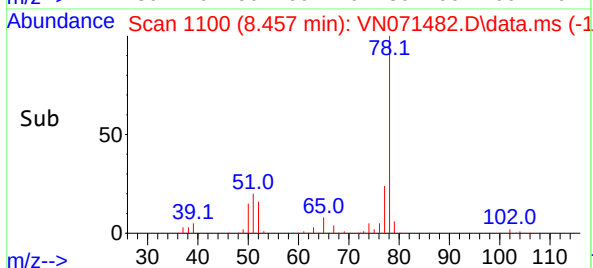
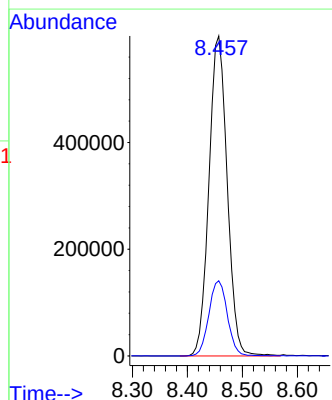
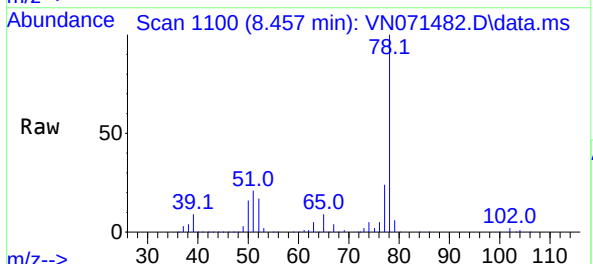
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 83 Resp: 512962  
Ion Ratio Lower Upper  
83 100  
55 79.9 58.1 87.1  
98 46.4 38.4 57.6

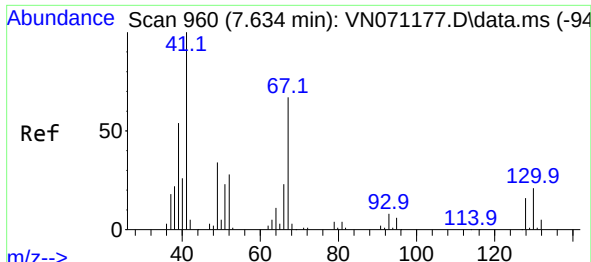


#40  
Benzene  
Concen: 47.229 ug/l  
RT: 8.457 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 78 Resp: 1383371  
Ion Ratio Lower Upper  
78 100  
77 23.5 18.6 27.8





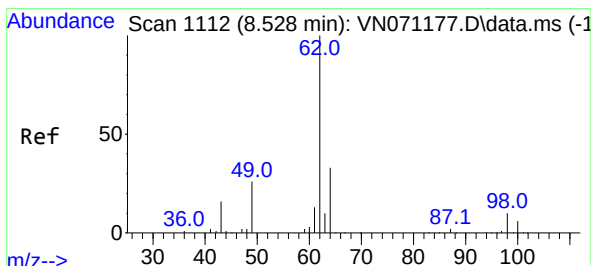
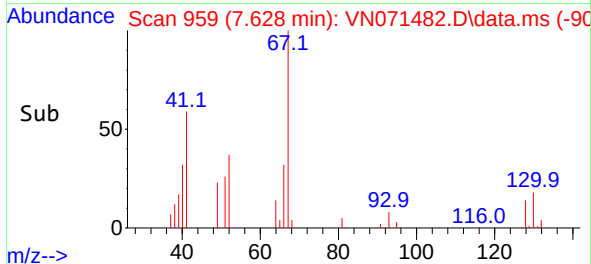
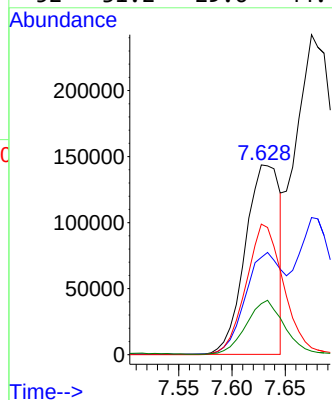
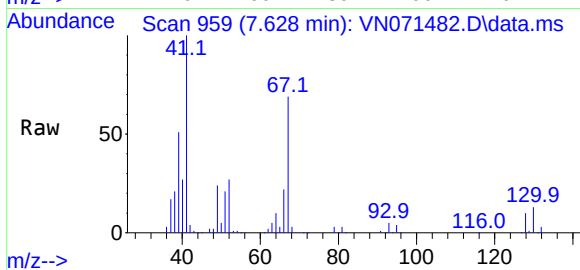


#41  
Methacrylonitrile  
Concen: 49.501 ug/l  
RT: 7.628 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 324112

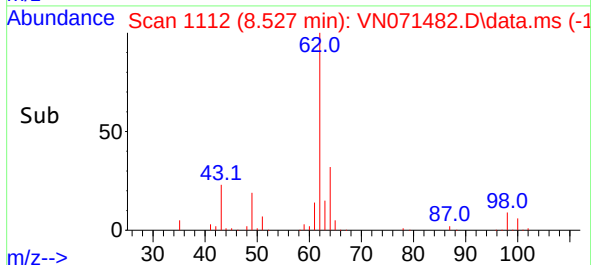
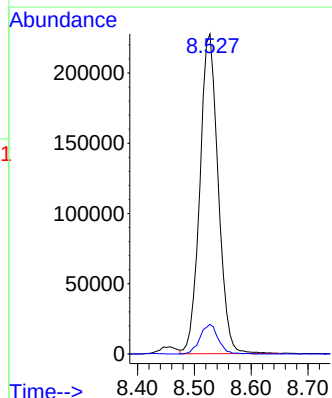
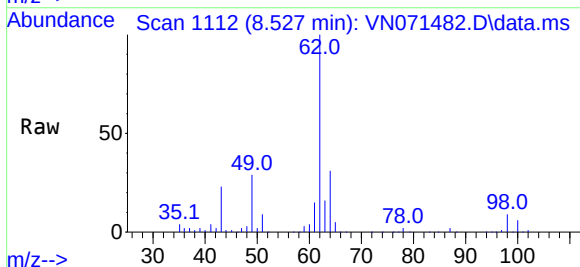
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 59.5  | 48.1  | 72.1  |
| 67  | 76.3  | 68.3  | 102.5 |
| 52  | 31.2  | 29.6  | 44.4  |

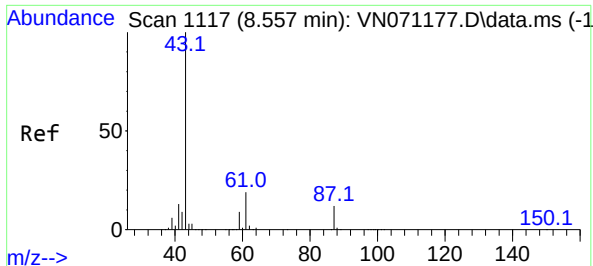


#42  
1,2-Dichloroethane  
Concen: 49.920 ug/l  
RT: 8.527 min Scan# 1112  
Delta R.T. -0.001 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 62 Resp: 508819

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.2   | 0.0   | 17.6  |

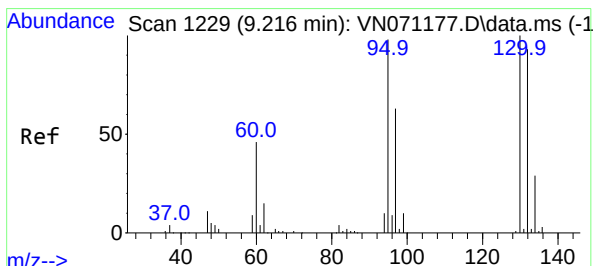
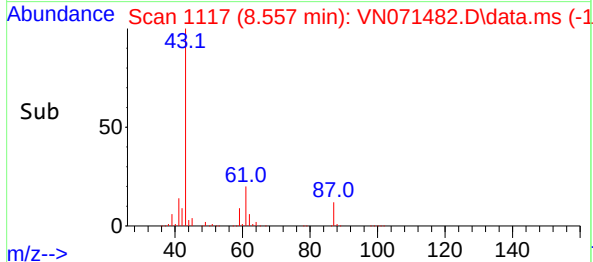
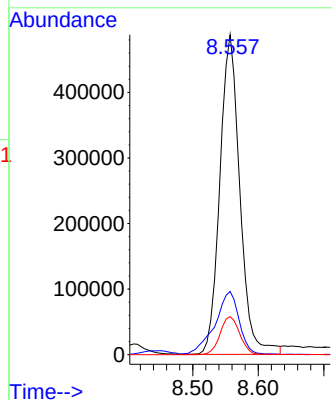
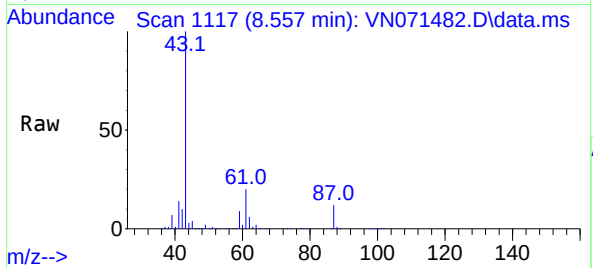




#43  
Isopropyl Acetate  
Concen: 51.615 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

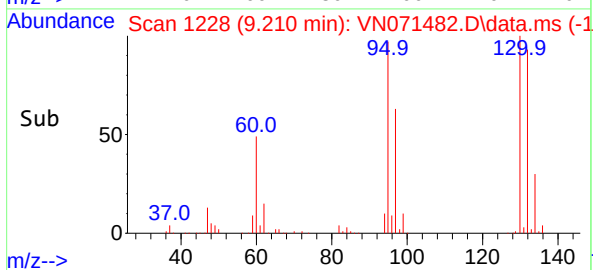
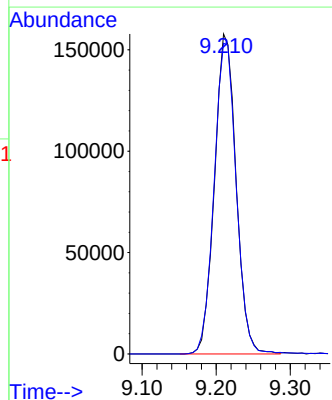
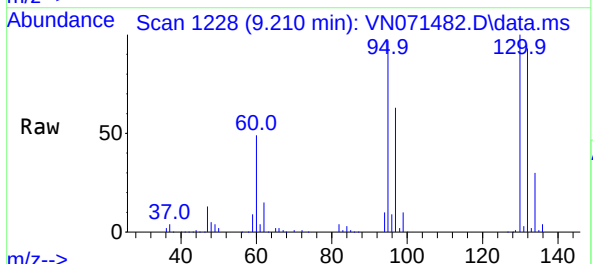
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

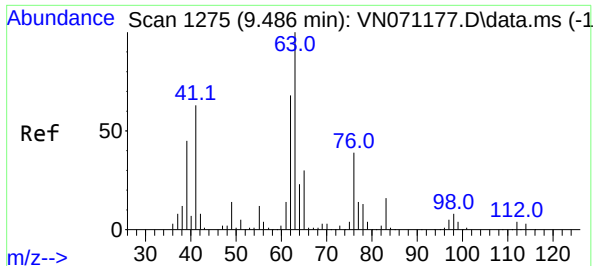
Tgt Ion: 43 Resp: 1032694  
Ion Ratio Lower Upper  
43 100  
61 23.8 20.4 30.6  
87 11.7 11.2 16.8



#44  
Trichloroethene  
Concen: 46.186 ug/l  
RT: 9.210 min Scan# 1228  
Delta R.T. -0.006 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion:130 Resp: 319192  
Ion Ratio Lower Upper  
130 100  
95 97.1 0.0 191.2





#45

1,2-Dichloropropane

Concen: 48.831 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071482.D

Acq: 22 Mar 2022 22:11

Instrument :

MSVOA\_N

ClientSampleId :

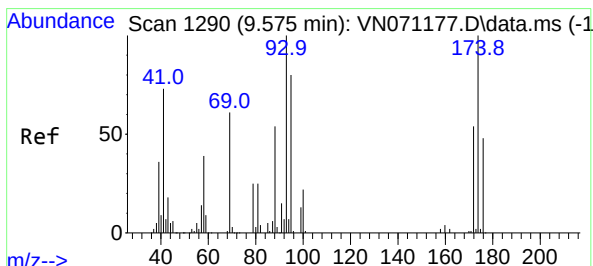
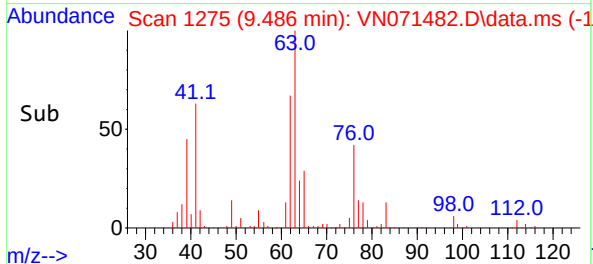
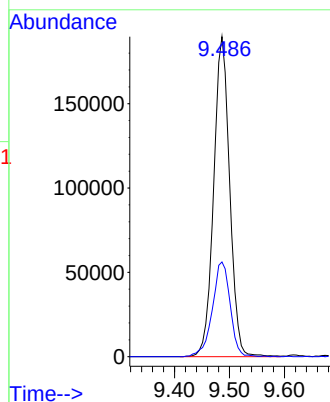
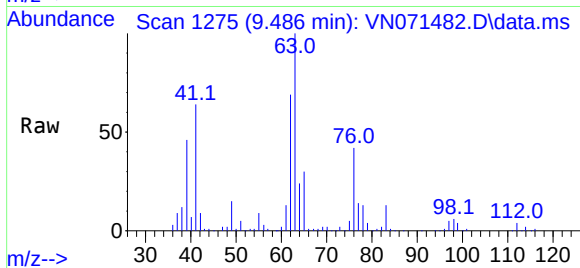
VSTDCCC050

Tgt Ion: 63 Resp: 383950

Ion Ratio Lower Upper

63 100

65 29.6 24.7 37.1



#46

Dibromomethane

Concen: 48.430 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. -0.001 min

Lab File: VN071482.D

Acq: 22 Mar 2022 22:11

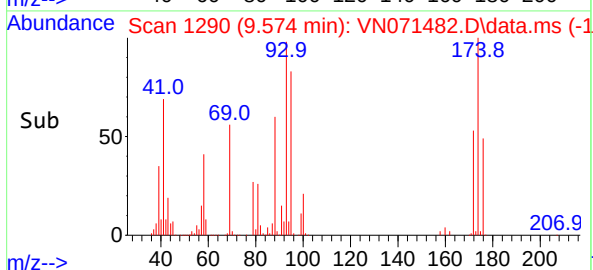
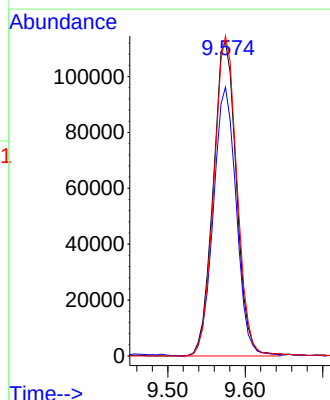
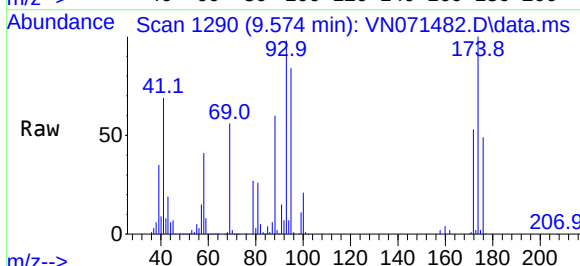
Tgt Ion: 93 Resp: 234375

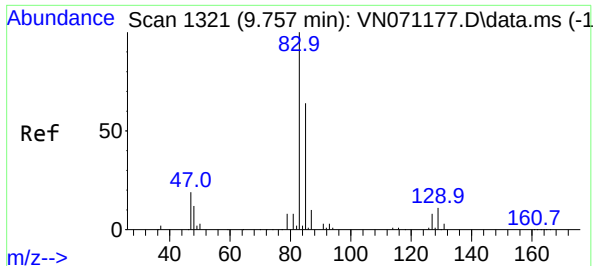
Ion Ratio Lower Upper

93 100

95 84.4 65.9 98.9

174 101.1 84.6 127.0

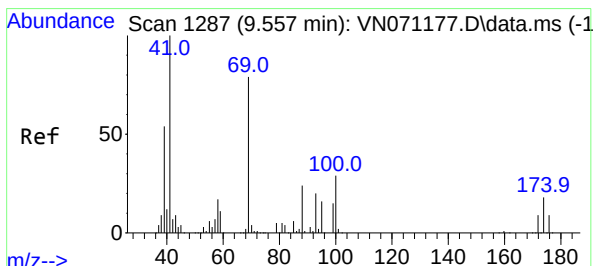
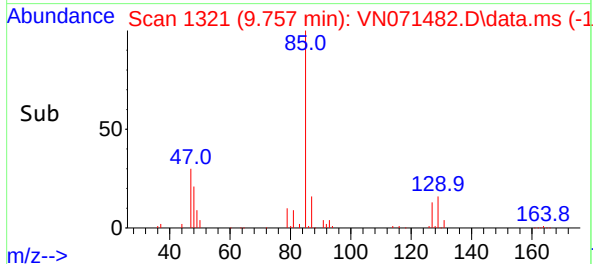
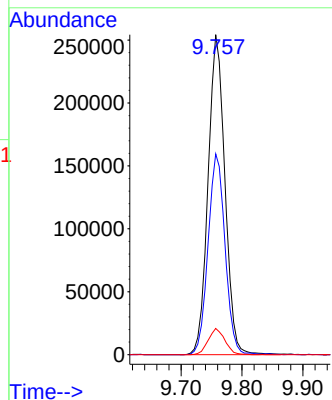
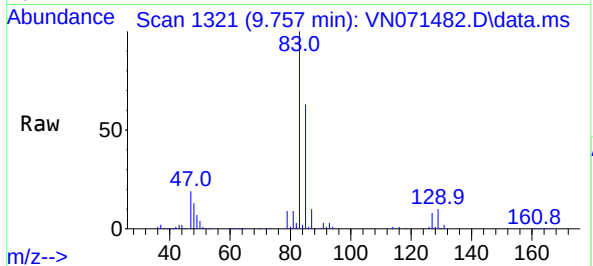




#47  
Bromodichloromethane  
Concen: 50.063 ug/l  
RT: 9.757 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

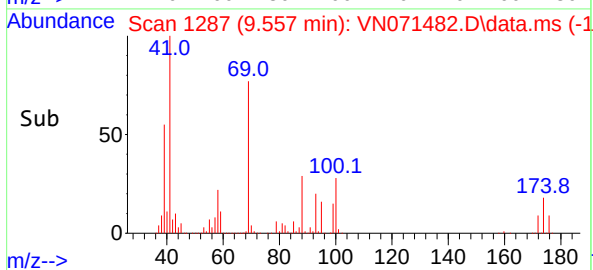
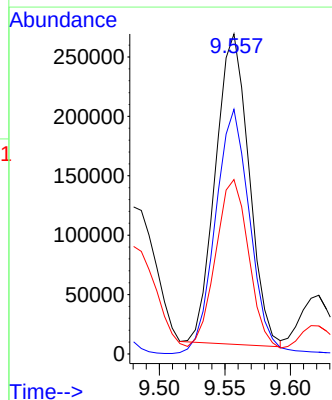
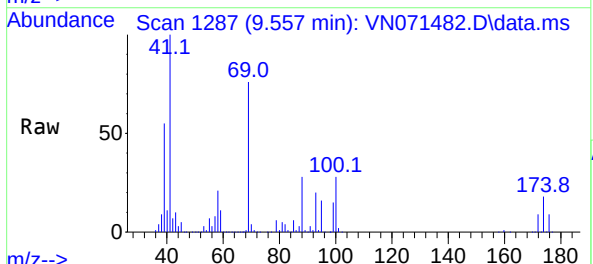
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

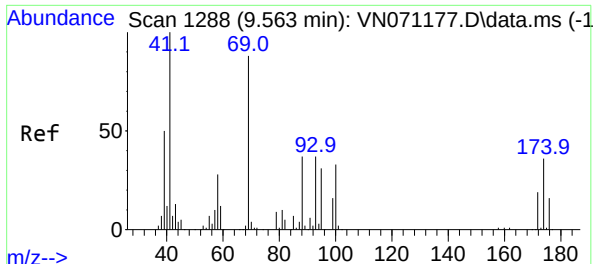
Tgt Ion: 83 Resp: 489621  
Ion Ratio Lower Upper  
83 100  
85 62.7 50.9 76.3  
127 8.2 7.1 10.7



#48  
Methyl methacrylate  
Concen: 49.837 ug/l  
RT: 9.557 min Scan# 1287  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 41 Resp: 462088  
Ion Ratio Lower Upper  
41 100  
69 82.1 72.4 108.6  
39 57.7 58.4 87.6#

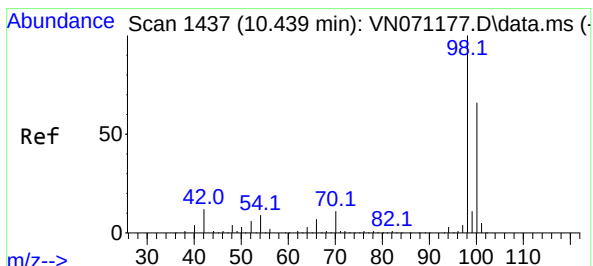
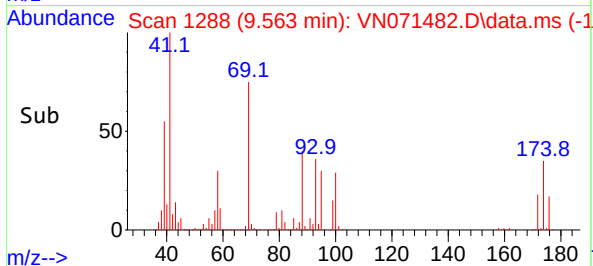
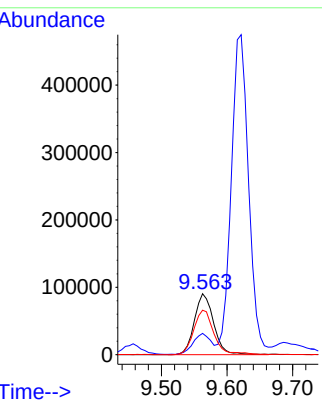
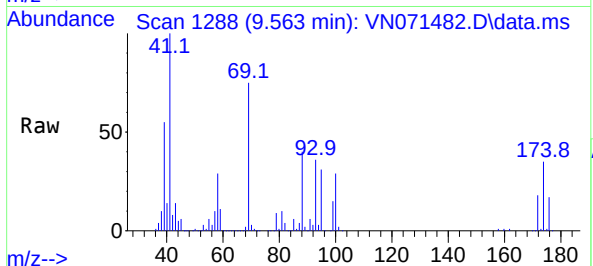




#49  
1,4-Dioxane  
Concen: 1144.501 ug/l  
RT: 9.563 min Scan# 1288  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

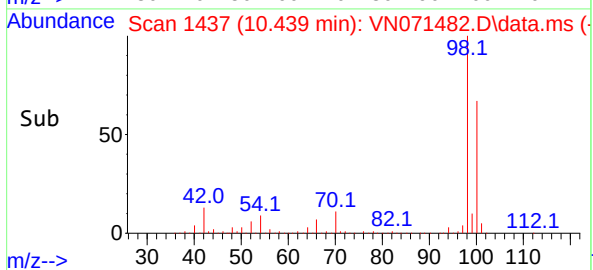
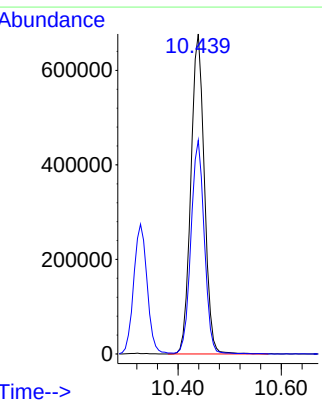
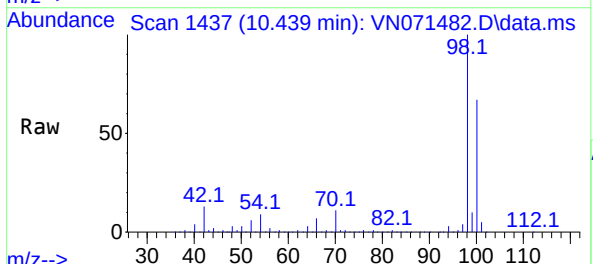
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

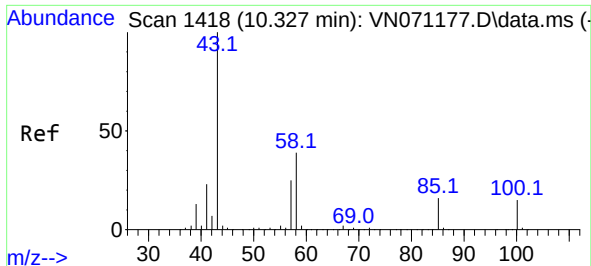
Tgt Ion: 88 Resp: 184454  
Ion Ratio Lower Upper  
88 100  
43 31.6 23.4 35.2  
58 77.0 50.6 75.8#



#50  
Toluene-d8  
Concen: 50.156 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 98 Resp: 1225303  
Ion Ratio Lower Upper  
98 100  
100 66.1 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 278.532 ug/l

RT: 10.327 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VN071482.D

Acq: 22 Mar 2022 22:11

Instrument :

MSVOA\_N

ClientSampleId :

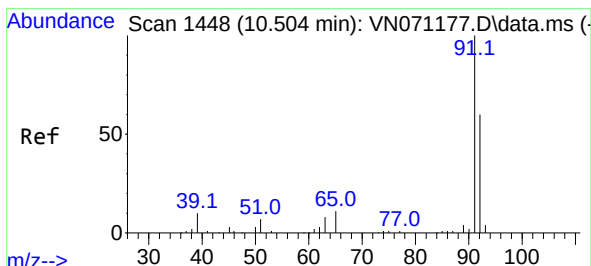
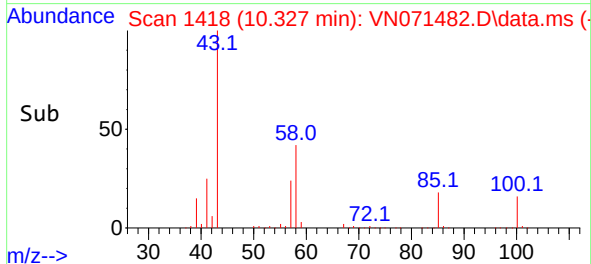
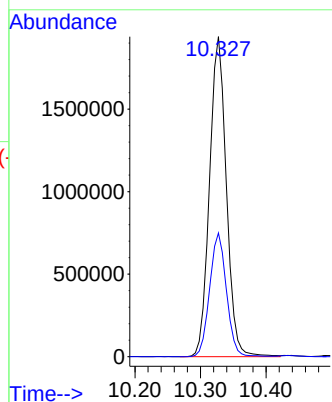
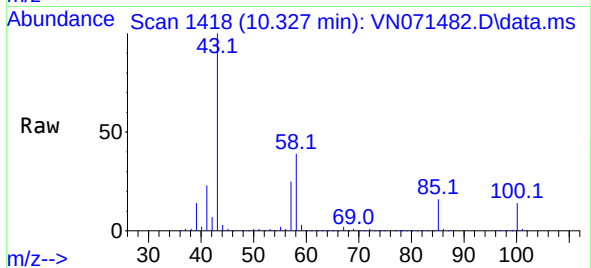
VSTDCCC050

Tgt Ion: 43 Resp: 3458486

Ion Ratio Lower Upper

43 100

58 38.5 30.4 45.6



#52

Toluene

Concen: 48.298 ug/l

RT: 10.504 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN071482.D

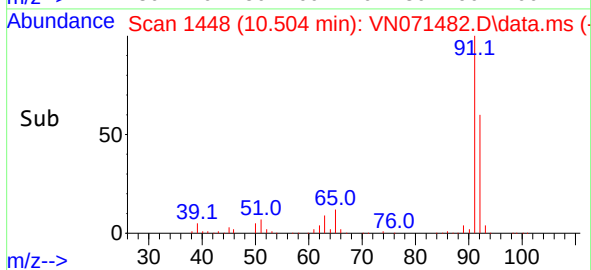
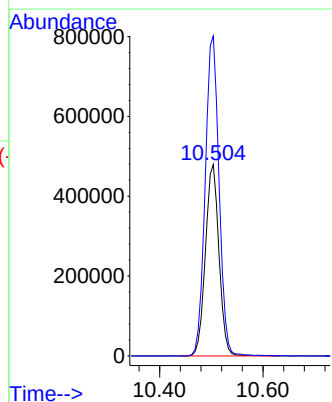
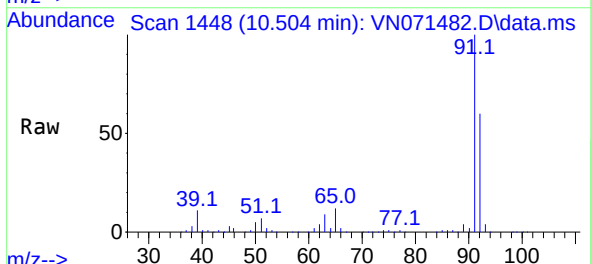
Acq: 22 Mar 2022 22:11

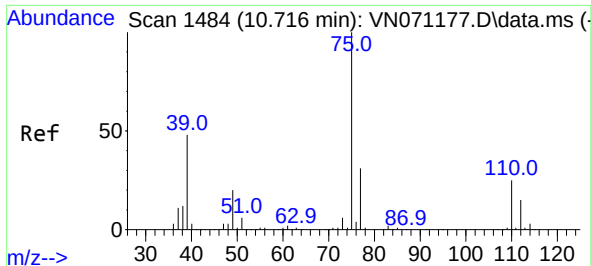
Tgt Ion: 92 Resp: 871127

Ion Ratio Lower Upper

92 100

91 170.8 142.0 213.0

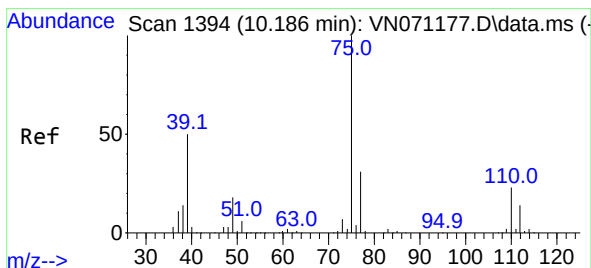
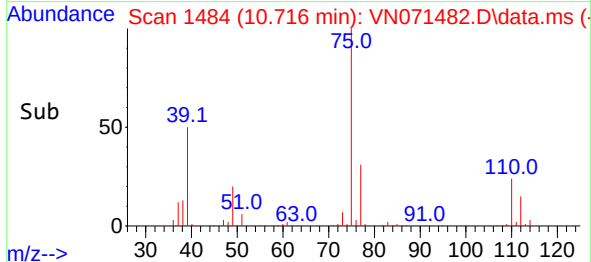
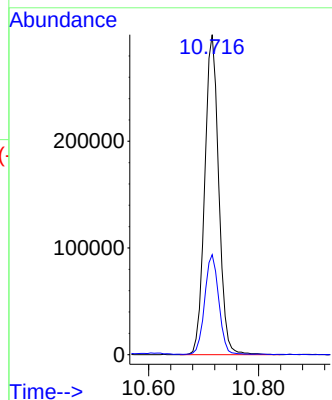
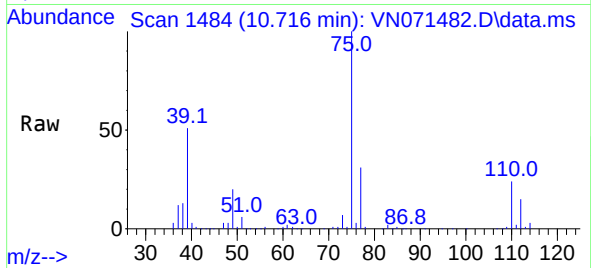




#53  
t-1,3-Dichloropropene  
Concen: 49.135 ug/l  
RT: 10.716 min Scan# 1484  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

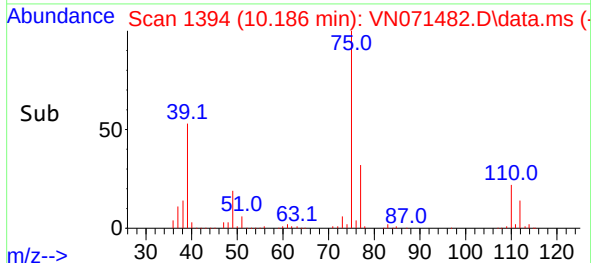
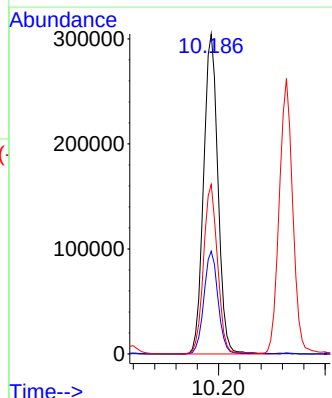
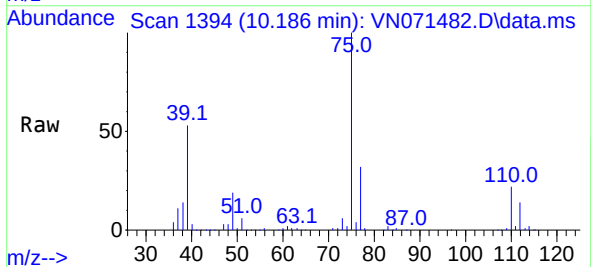
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

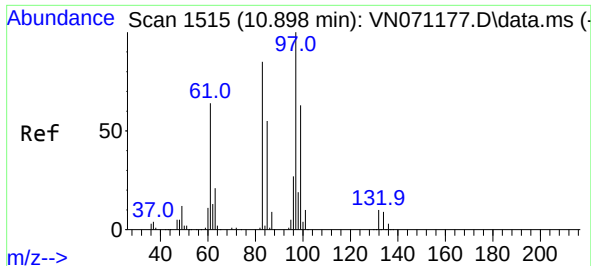
Tgt Ion: 75 Resp: 529729  
Ion Ratio Lower Upper  
75 100  
77 31.1 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 48.452 ug/l  
RT: 10.186 min Scan# 1394  
Delta R.T. 0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 75 Resp: 570751  
Ion Ratio Lower Upper  
75 100  
77 32.1 26.4 39.6  
39 52.8 42.5 63.7



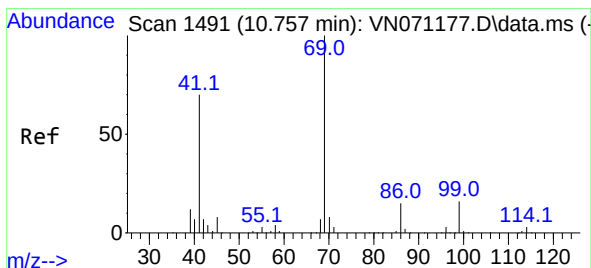
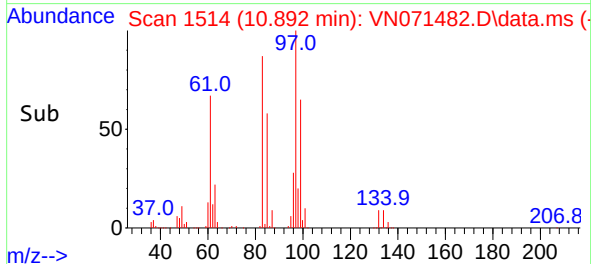
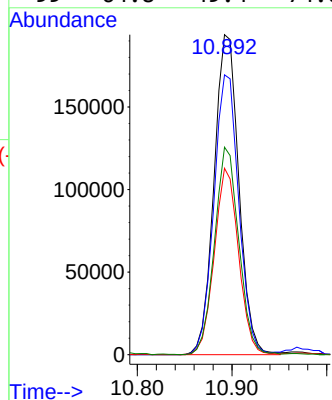
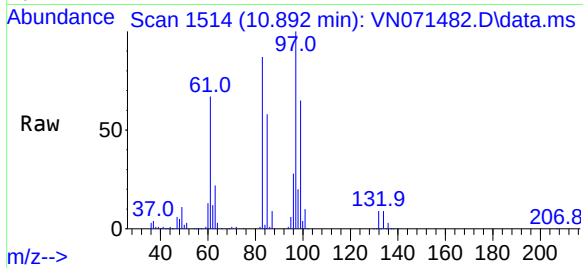


#55  
1,1,2-Trichloroethane  
Concen: 48.839 ug/l  
RT: 10.892 min Scan# 1514  
Delta R.T. -0.006 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 352980

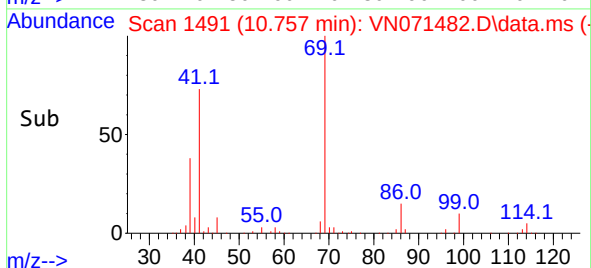
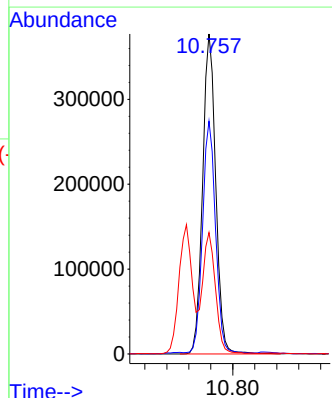
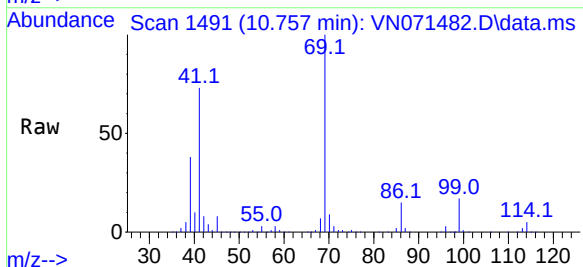
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.5  | 67.8  | 101.6 |
| 85  | 58.3  | 45.4  | 68.2  |
| 99  | 64.8  | 49.4  | 74.0  |



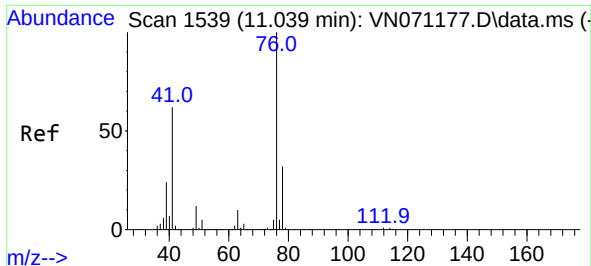
#56  
Ethyl methacrylate  
Concen: 52.848 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 69 Resp: 623759

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 71.8  | 51.4  | 77.0  |
| 39  | 37.6  | 34.6  | 52.0  |







#57

1,3-Dichloropropane

Concen: 49.239 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN071482.D

Acq: 22 Mar 2022 22:11

Instrument :

MSVOA\_N

ClientSampleId :

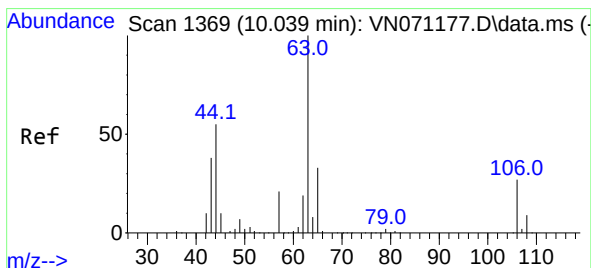
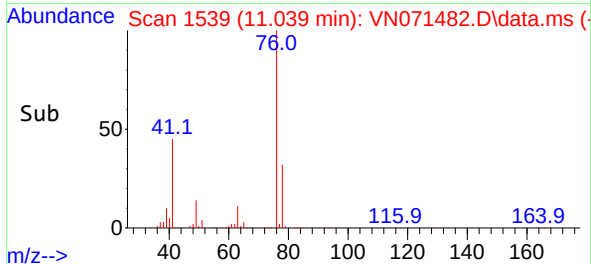
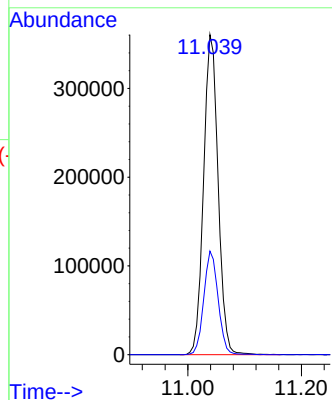
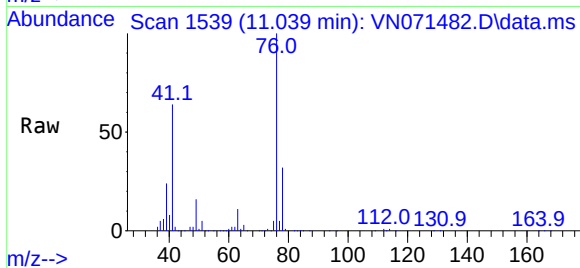
VSTDCCC050

Tgt Ion: 76 Resp: 638771

Ion Ratio Lower Upper

76 100

78 31.9 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 254.689 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN071482.D

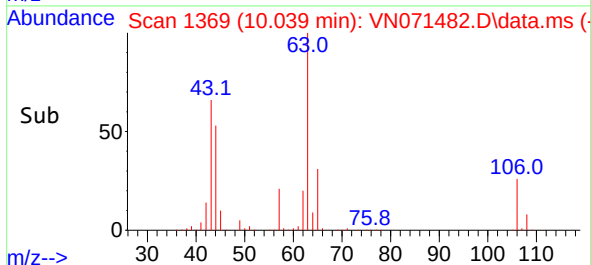
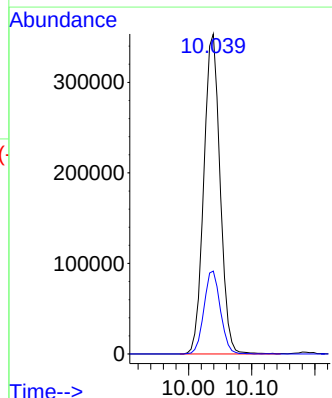
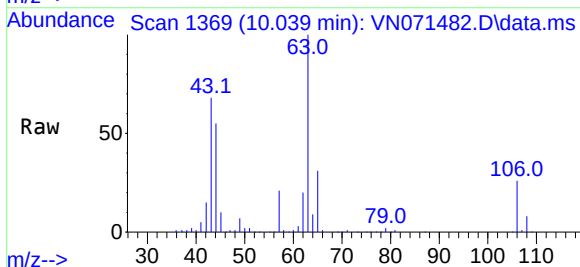
Acq: 22 Mar 2022 22:11

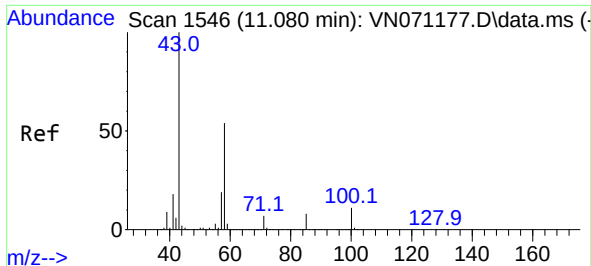
Tgt Ion: 63 Resp: 633016

Ion Ratio Lower Upper

63 100

106 26.1 23.9 35.9

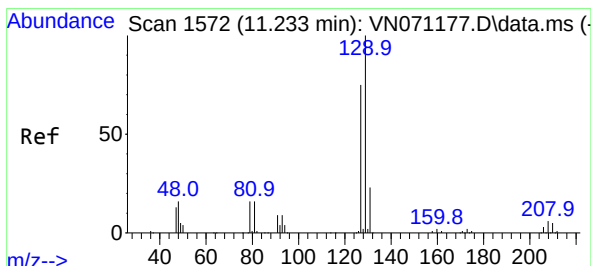
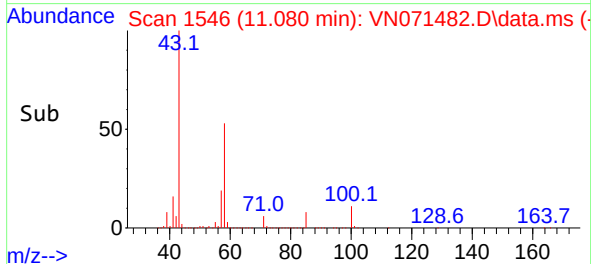
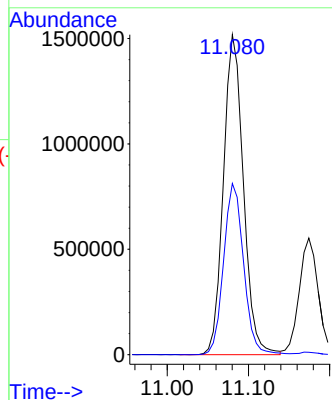
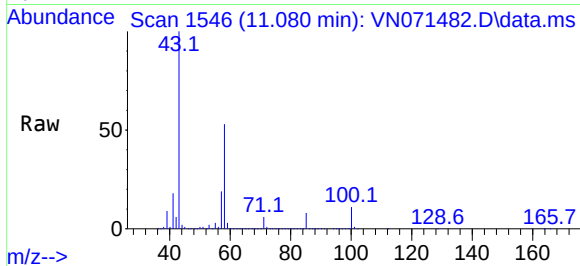




#59  
2-Hexanone  
Concen: 306.881 ug/l  
RT: 11.080 min Scan# 1546  
Delta R.T. 0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

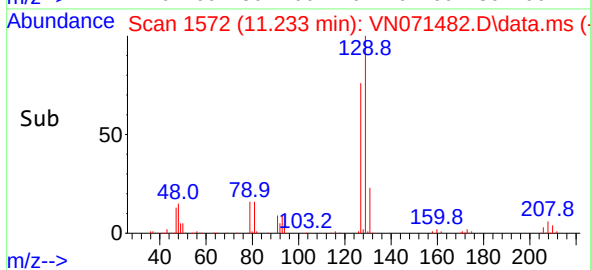
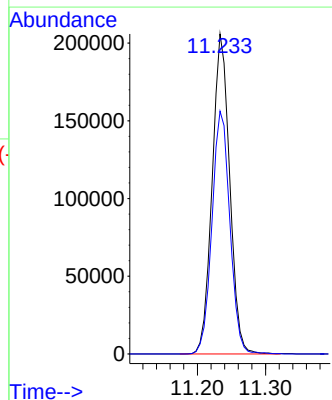
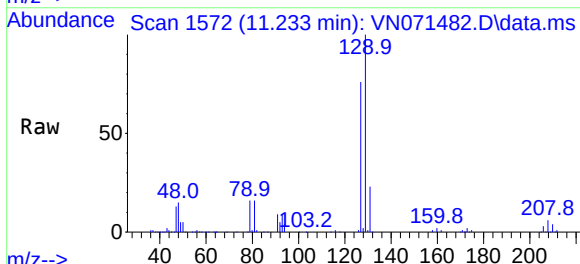
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

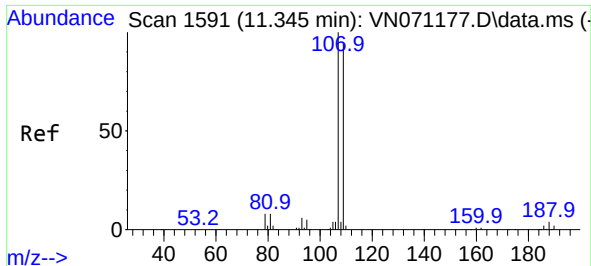
Tgt Ion: 43 Resp: 2599930  
Ion Ratio Lower Upper  
43 100  
58 53.6 26.9 80.7



#60  
Dibromochloromethane  
Concen: 51.273 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 129 Resp: 368195  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.6 116.0

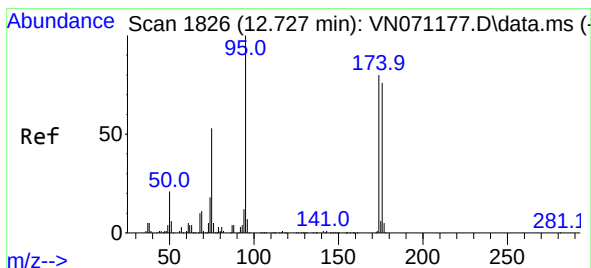
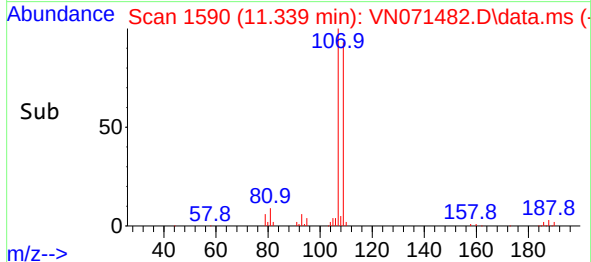
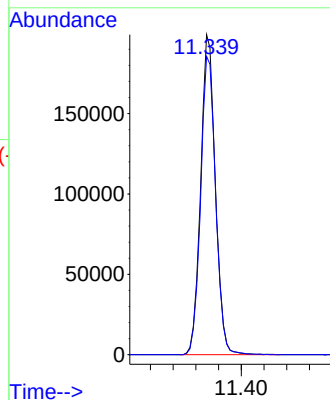
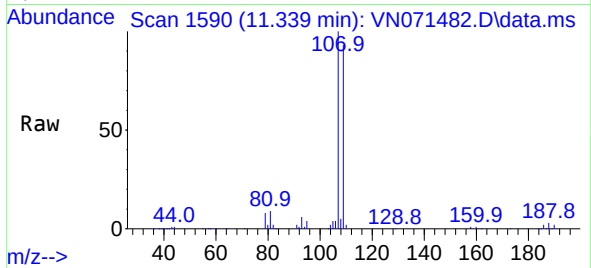




#61  
1,2-Dibromoethane  
Concen: 48.403 ug/l  
RT: 11.339 min Scan# 1591  
Delta R.T. -0.006 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

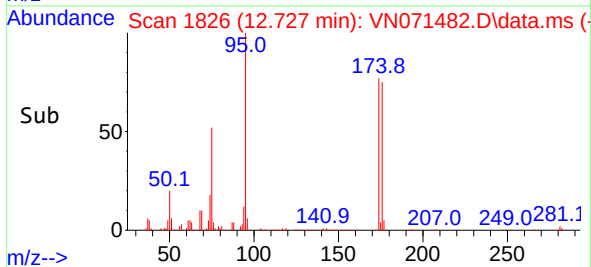
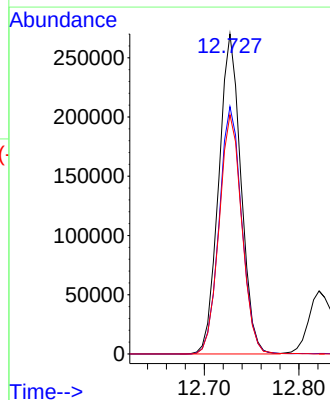
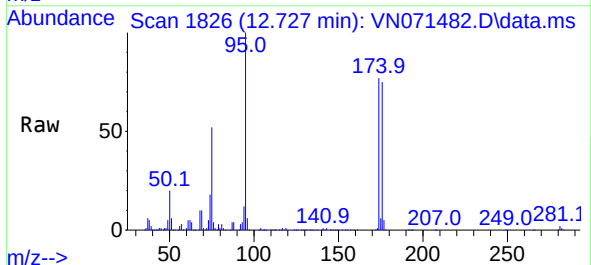
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

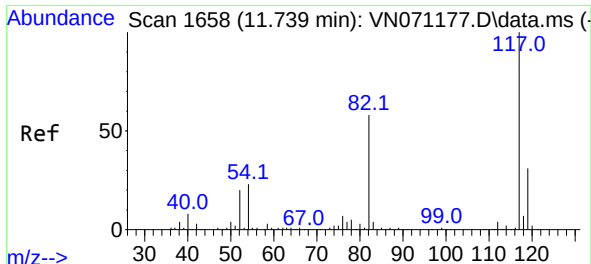
Tgt Ion:107 Resp: 357539  
Ion Ratio Lower Upper  
107 100  
109 95.0 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 53.226 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 95 Resp: 440313  
Ion Ratio Lower Upper  
95 100  
174 78.4 0.0 187.2  
176 75.9 0.0 181.4

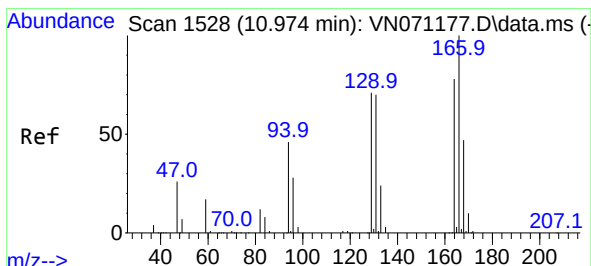
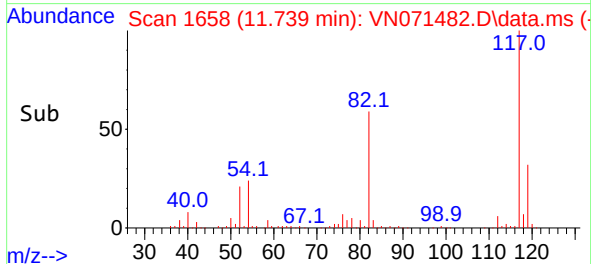
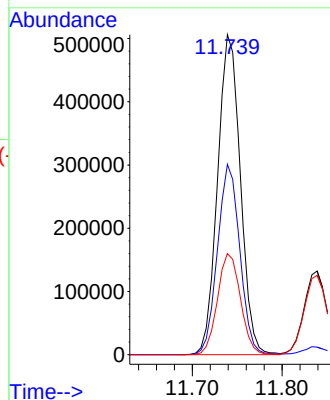
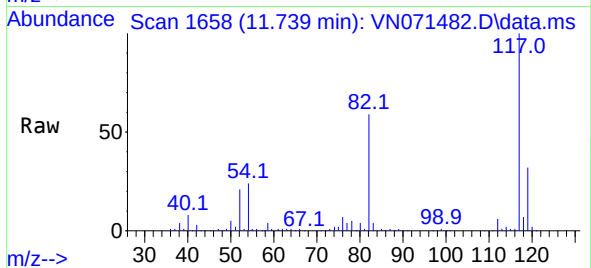




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

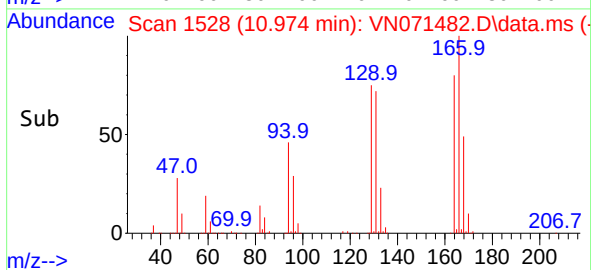
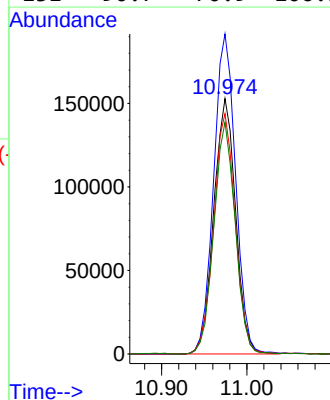
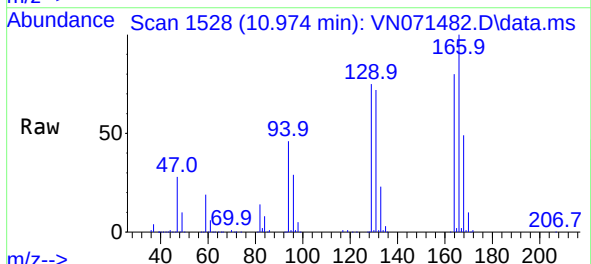
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

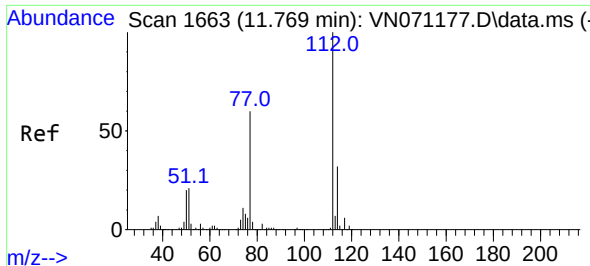
Tgt Ion:117 Resp: 893260  
Ion Ratio Lower Upper  
117 100  
82 59.5 42.4 63.6  
119 31.6 25.4 38.2



#64  
Tetrachloroethene  
Concen: 43.808 ug/l  
RT: 10.974 min Scan# 1528  
Delta R.T. 0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion:164 Resp: 272920  
Ion Ratio Lower Upper  
164 100  
166 125.3 101.9 152.9  
129 94.1 72.0 108.0  
131 90.7 70.9 106.3

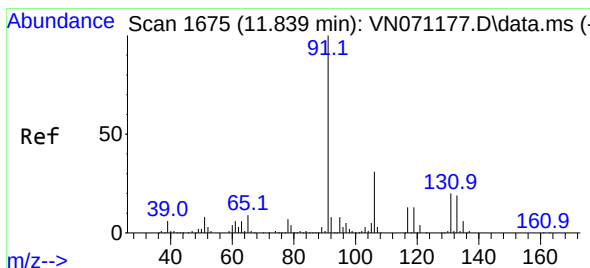
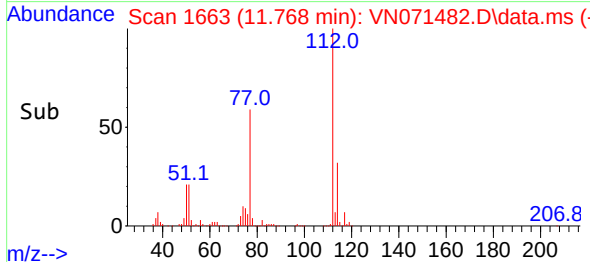
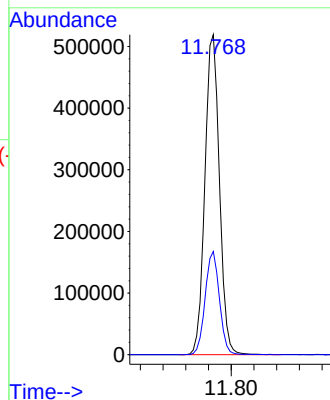
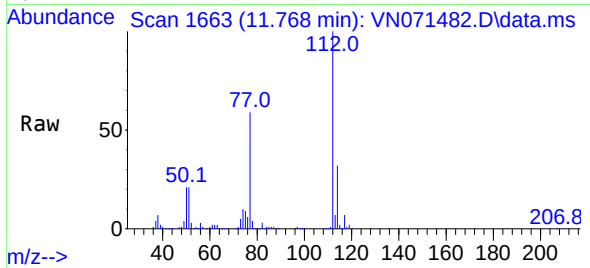




#65  
Chlorobenzene  
Concen: 47.836 ug/l  
RT: 11.768 min Scan# 1663  
Delta R.T. -0.001 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

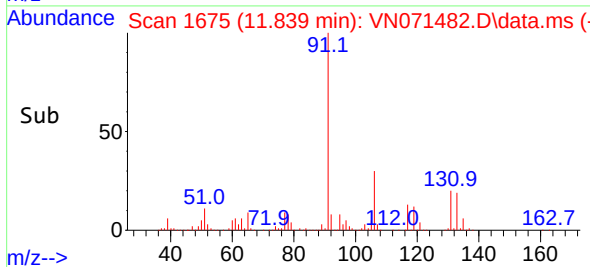
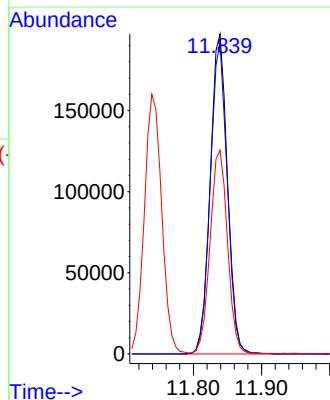
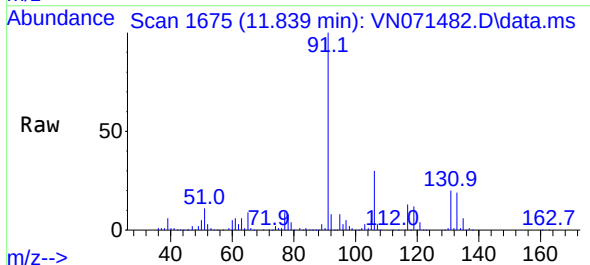
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

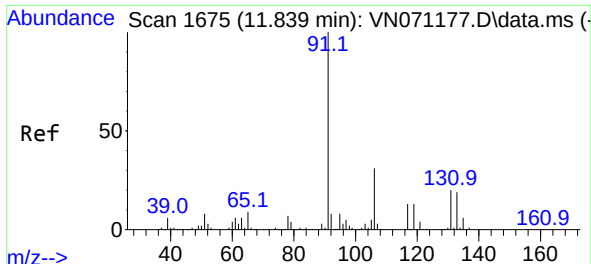
Tgt Ion:112 Resp: 917651  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.274 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion:131 Resp: 346592  
Ion Ratio Lower Upper  
131 100  
133 96.0 47.9 143.7  
119 64.7 32.1 96.5

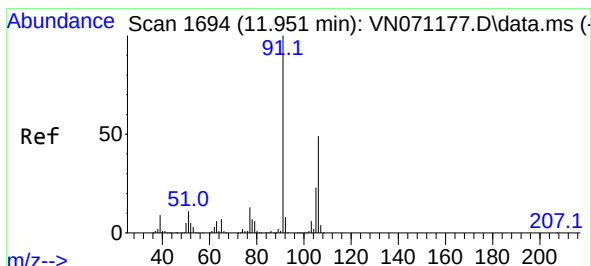
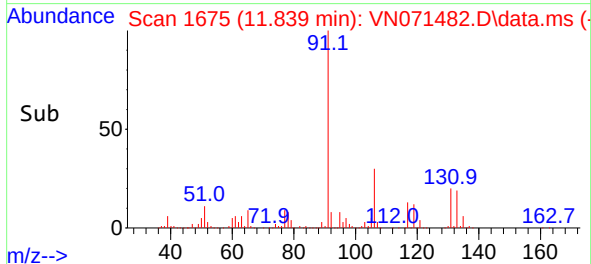
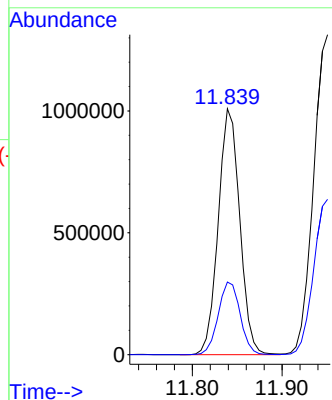
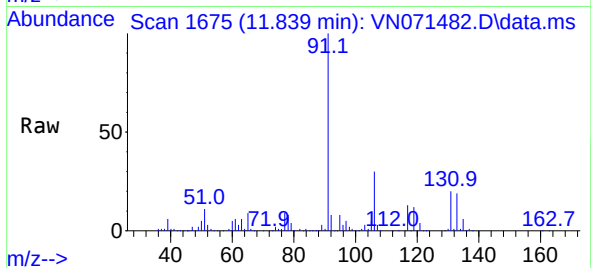




#67  
Ethyl Benzene  
Concen: 49.510 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

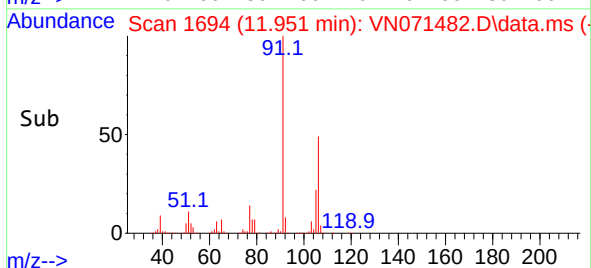
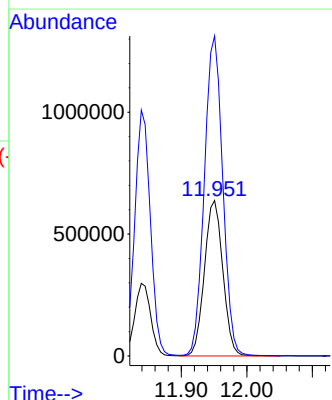
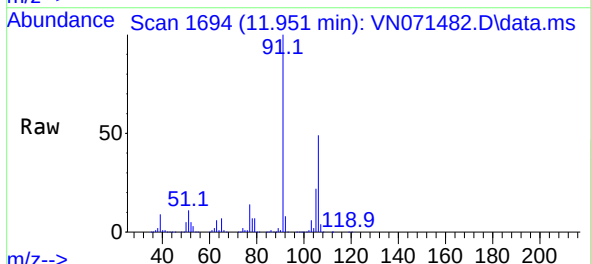
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

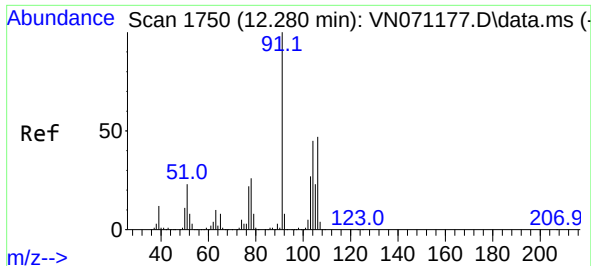
Tgt Ion: 91 Resp: 1679309  
Ion Ratio Lower Upper  
91 100  
106 29.5 25.7 38.5



#68  
m/p-Xylenes  
Concen: 100.192 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion:106 Resp: 1243213  
Ion Ratio Lower Upper  
106 100  
91 205.7 160.6 240.8

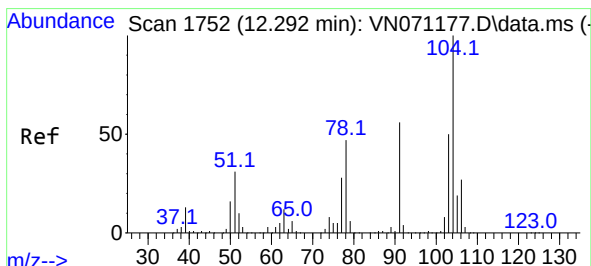
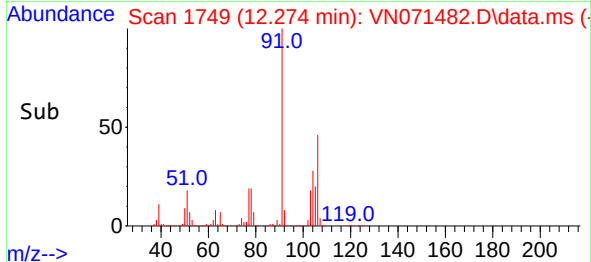
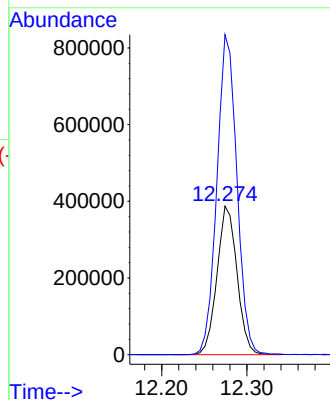
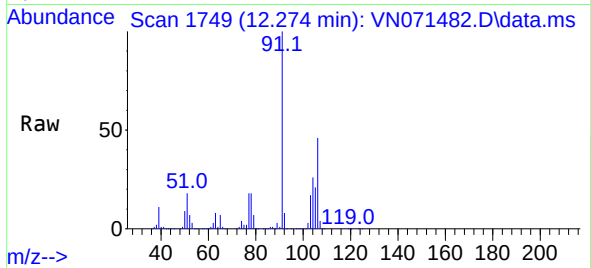




#69  
o-Xylene  
Concen: 50.996 ug/l  
RT: 12.274 min Scan# 1749  
Delta R.T. -0.006 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

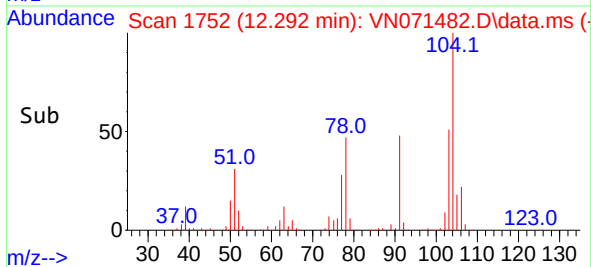
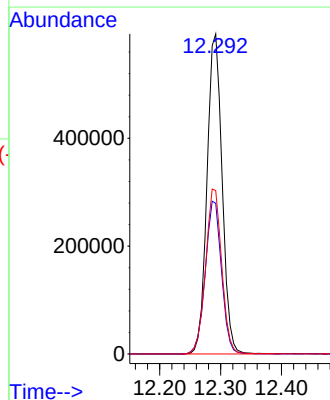
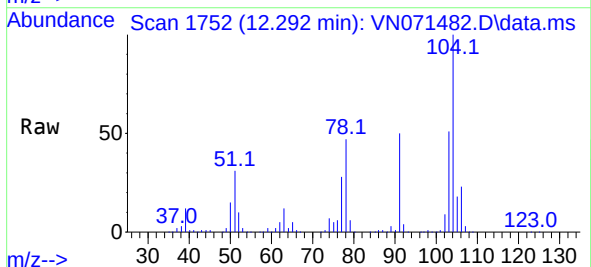
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

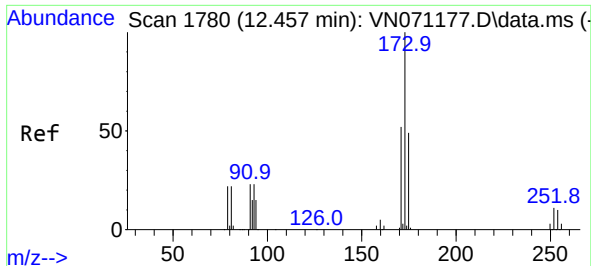
Tgt Ion:106 Resp: 634287  
Ion Ratio Lower Upper  
106 100  
91 215.4 105.8 317.3



#70  
Styrene  
Concen: 53.222 ug/l  
RT: 12.292 min Scan# 1752  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion:104 Resp: 1024703  
Ion Ratio Lower Upper  
104 100  
78 51.2 38.7 58.1  
103 54.9 45.0 67.6

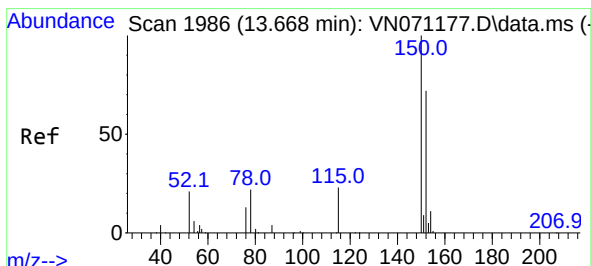
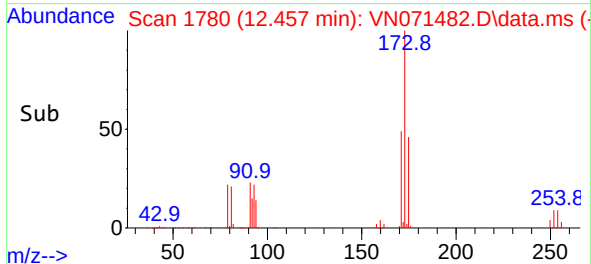
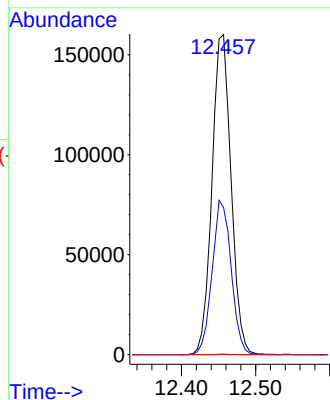
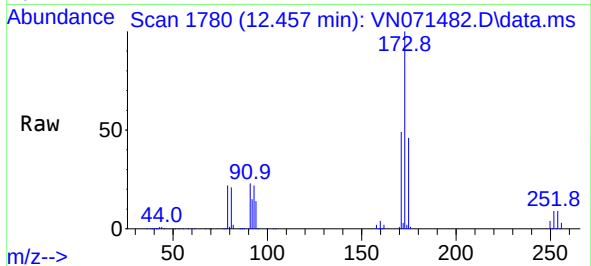




#71  
Bromoform  
Concen: 53.625 ug/l  
RT: 12.457 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

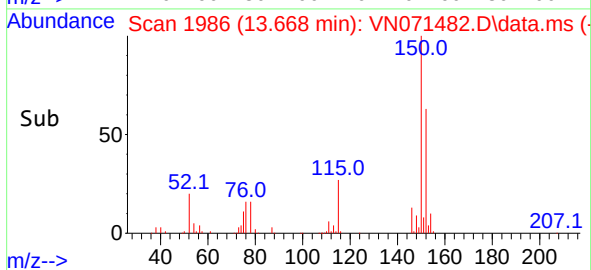
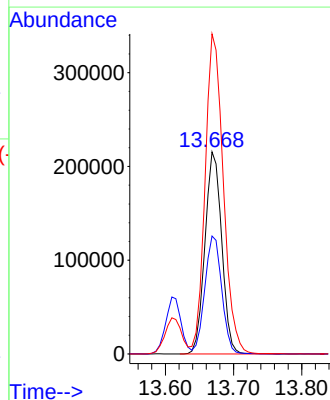
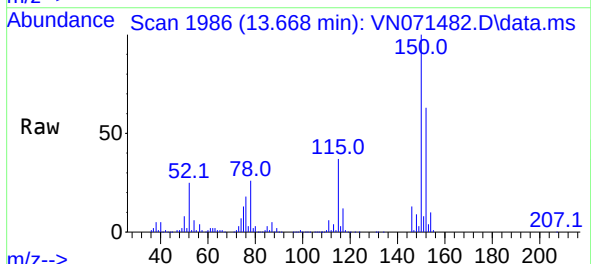
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:173 Resp: 286455  
Ion Ratio Lower Upper  
173 100  
175 48.1 24.2 72.6  
254 0.1 0.0 0.0#

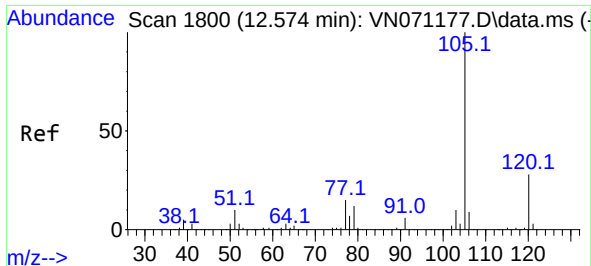


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. 0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion:152 Resp: 368605  
Ion Ratio Lower Upper  
152 100  
115 58.9 27.5 82.5  
150 171.8 0.0 344.4



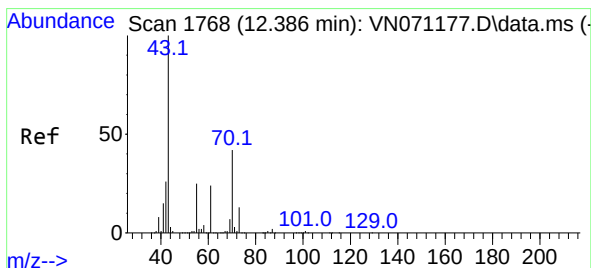
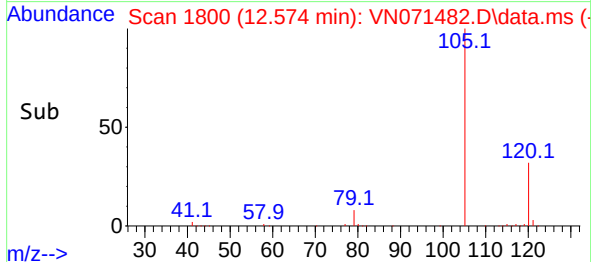
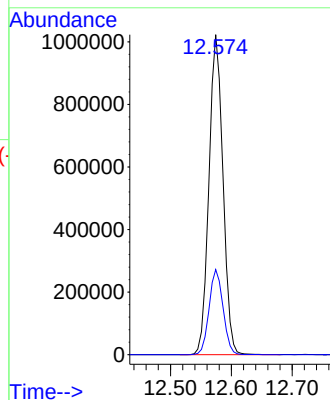
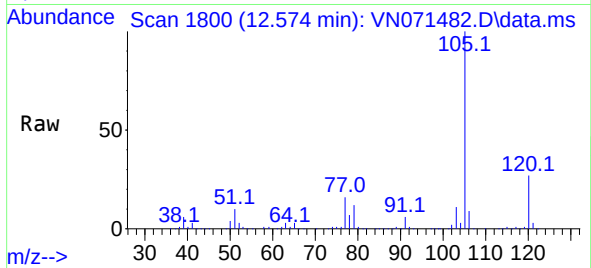




#73  
Isopropylbenzene  
Concen: 46.097 ug/l  
RT: 12.574 min Scan# 1800  
Delta R.T. 0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

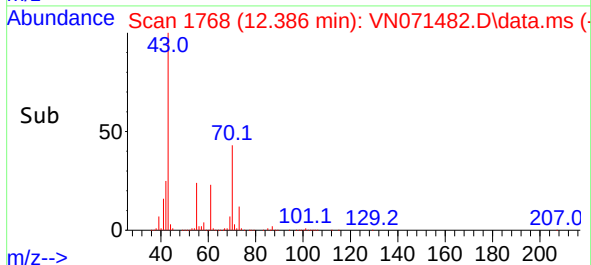
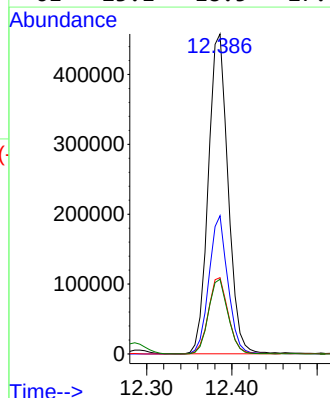
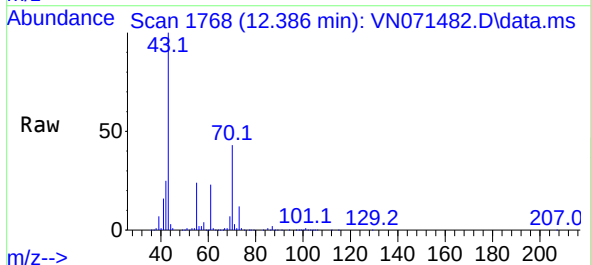
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ClientSampleId :  
VSTDCCC050

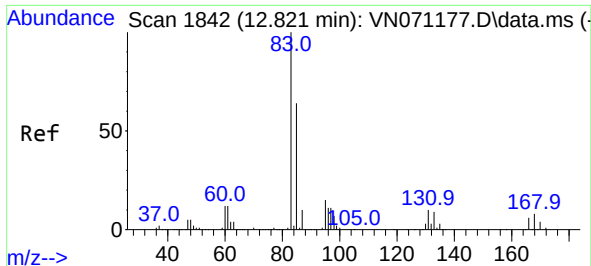
Tgt Ion:105 Resp: 1637973  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.4 40.1



#74  
N-ethyl acetate  
Concen: 55.024 ug/l  
RT: 12.386 min Scan# 1768  
Delta R.T. 0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 43 Resp: 735143  
Ion Ratio Lower Upper  
43 100  
70 41.6 33.4 50.0  
55 24.1 19.3 28.9  
61 23.1 18.5 27.7

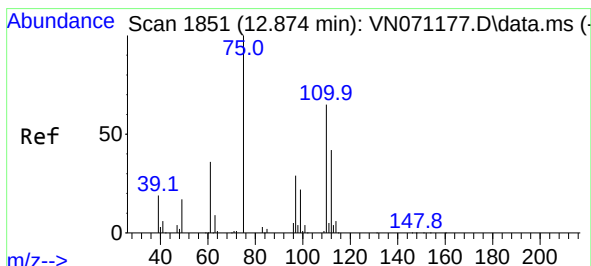
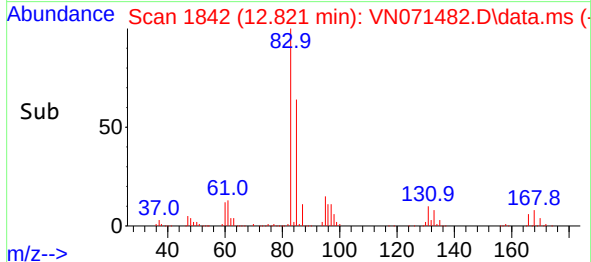
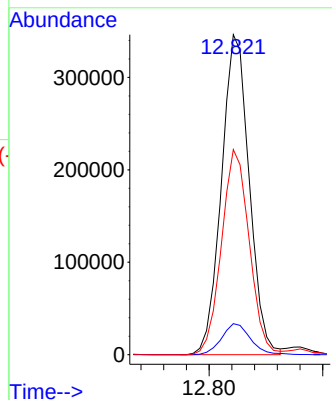
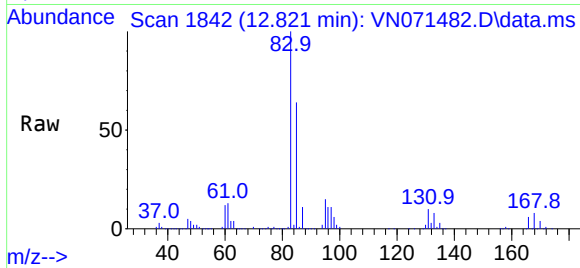




#75  
1,1,2,2-Tetrachloroethane  
Concen: 55.977 ug/l  
RT: 12.821 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

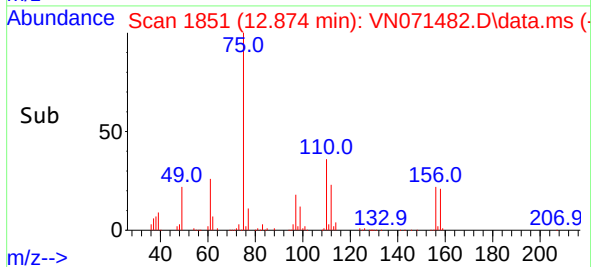
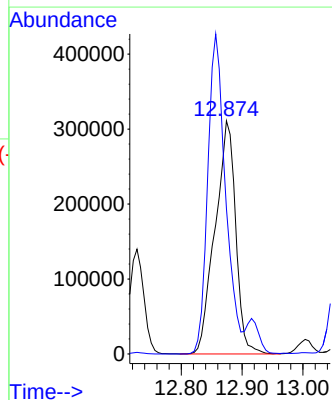
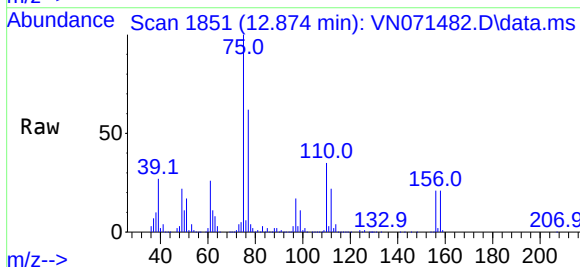
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

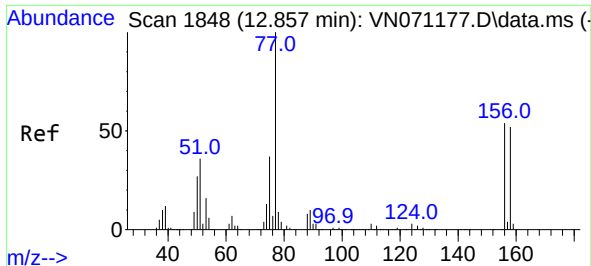
Tgt Ion: 83 Resp: 587836  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.5 16.5  
85 63.9 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 83.855 ug/l  
RT: 12.874 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 75 Resp: 732072  
Ion Ratio Lower Upper  
75 100  
77 119.3 82.6 247.8

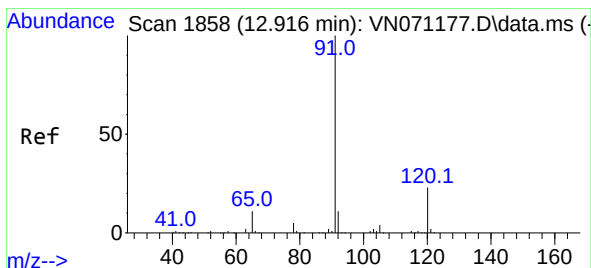
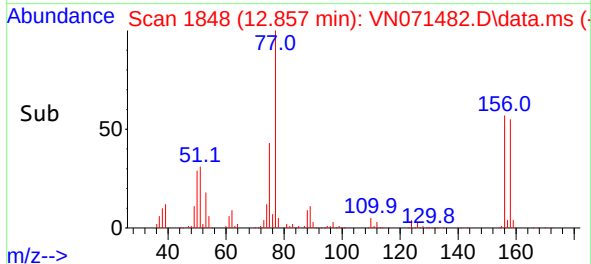
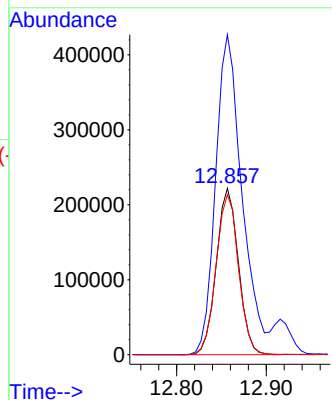
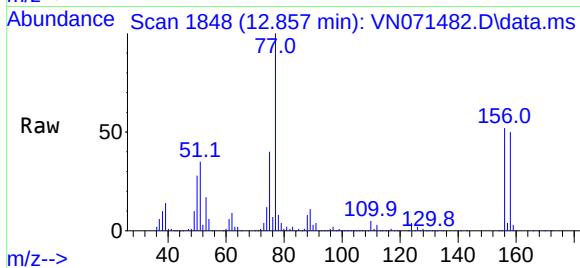




#77  
Bromobenzene  
Concen: 45.755 ug/l  
RT: 12.857 min Scan# 1848  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

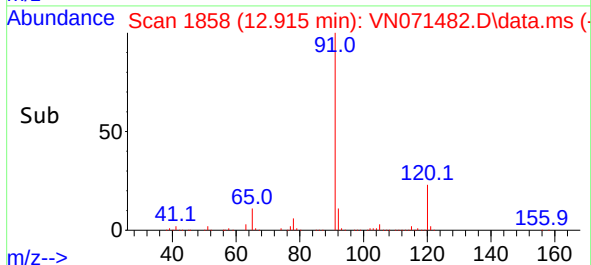
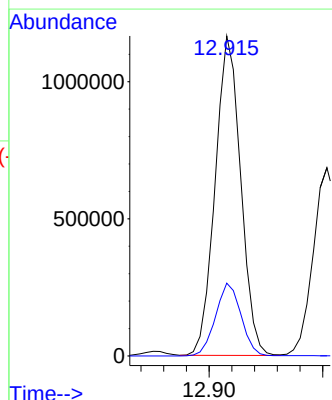
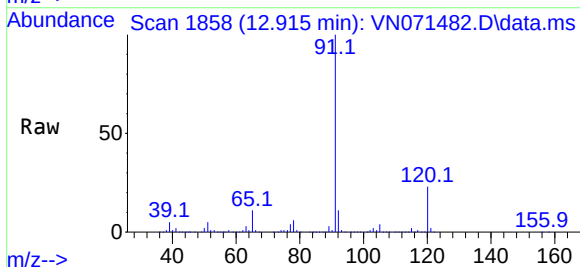
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

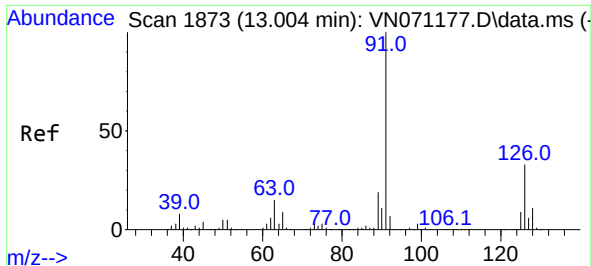
Tgt Ion:156 Resp: 379113  
Ion Ratio Lower Upper  
156 100  
77 230.3 90.6 271.8  
158 97.9 48.9 146.7



#78  
n-propylbenzene  
Concen: 47.630 ug/l  
RT: 12.915 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 91 Resp: 1816108  
Ion Ratio Lower Upper  
91 100  
120 22.8 11.9 35.9

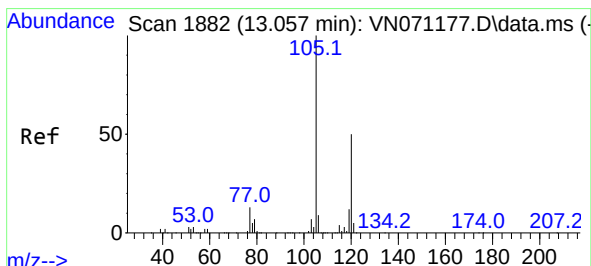
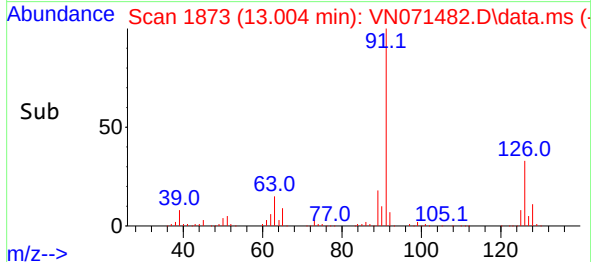
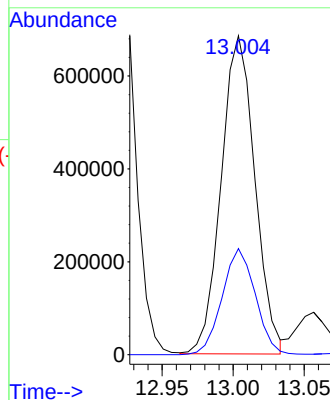
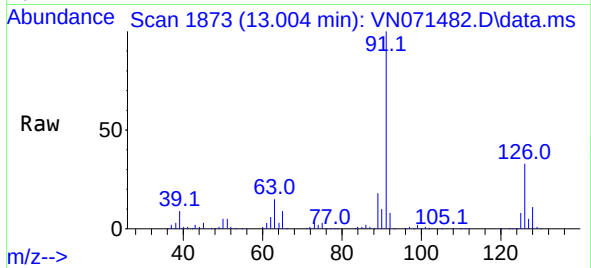




#79  
2-Chlorotoluene  
Concen: 46.234 ug/l  
RT: 13.004 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

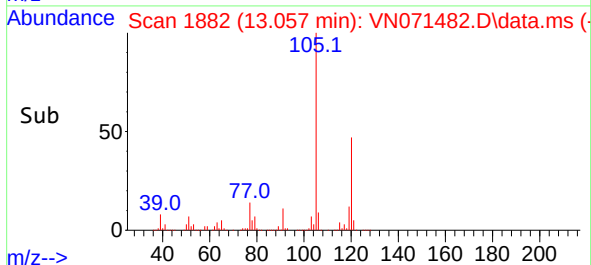
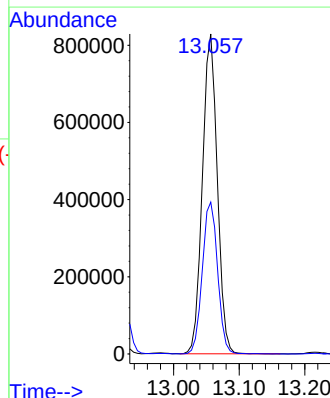
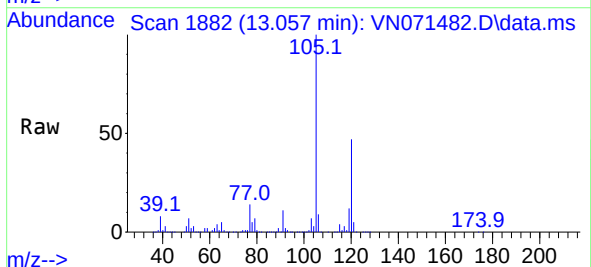
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ClientSampleId :  
VSTDCCC050

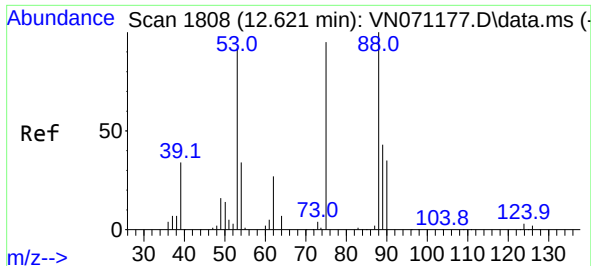
Tgt Ion: 91 Resp: 1131644  
Ion Ratio Lower Upper  
91 100  
126 32.9 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 47.469 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion:105 Resp: 1312257  
Ion Ratio Lower Upper  
105 100  
120 48.5 24.6 73.6

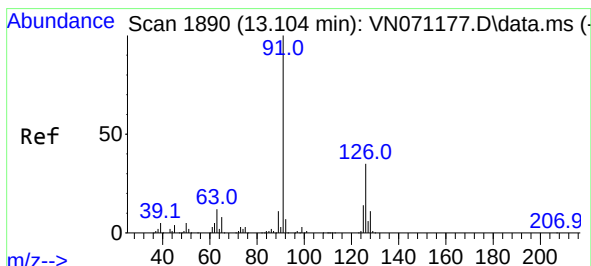
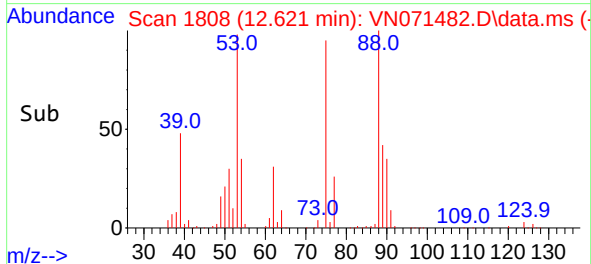
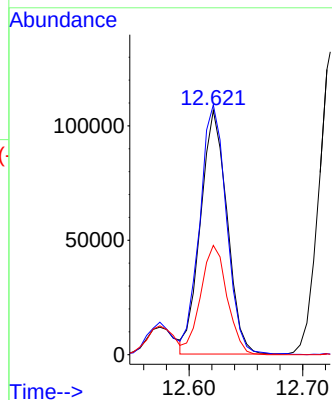
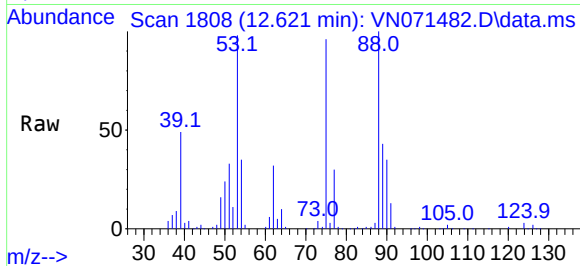




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.680 ug/l  
RT: 12.621 min Scan# 1808  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

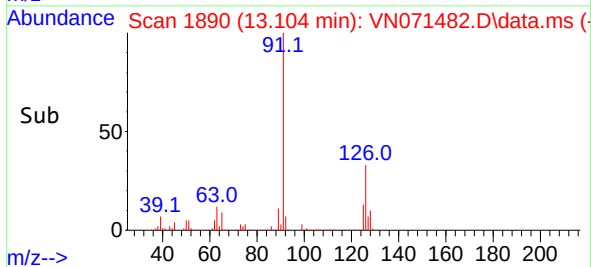
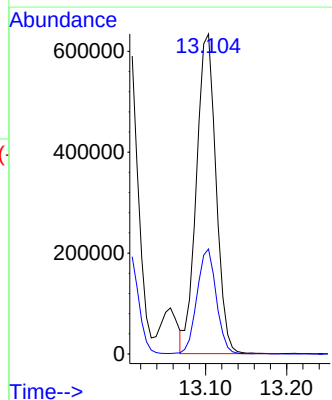
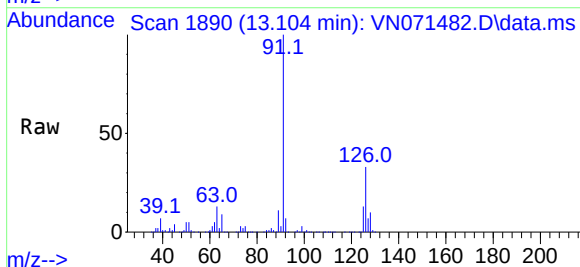
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

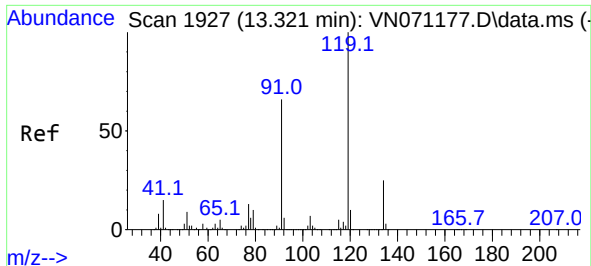
Tgt Ion: 75 Resp: 172813  
Ion Ratio Lower Upper  
75 100  
53 103.8 90.5 135.7  
89 45.0 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 48.795 ug/l  
RT: 13.104 min Scan# 1890  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 91 Resp: 1063808  
Ion Ratio Lower Upper  
91 100  
126 32.2 18.2 54.6

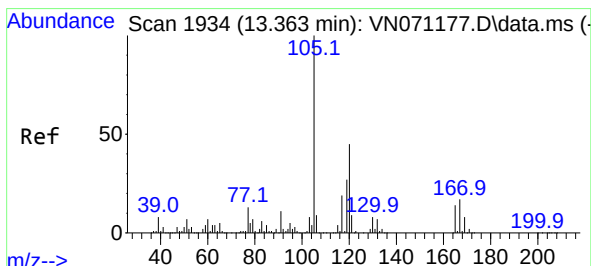
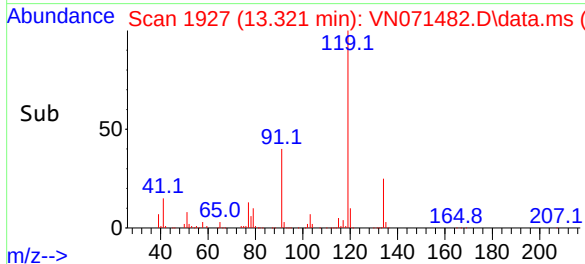
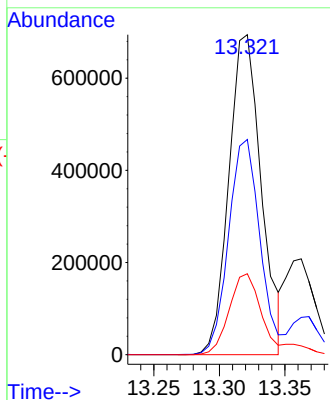
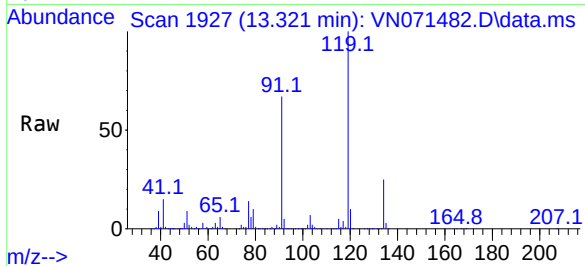




#83  
tert-Butylbenzene  
Concen: 48.523 ug/l  
RT: 13.321 min Scan# 1927  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

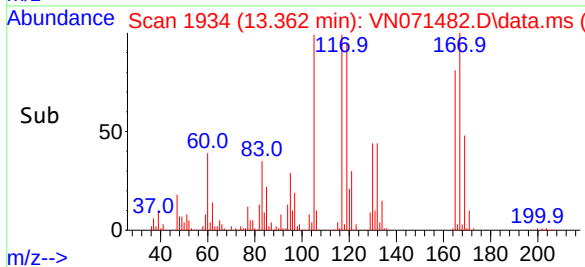
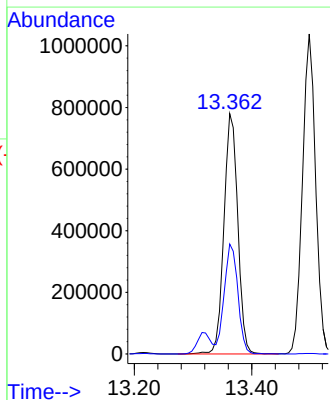
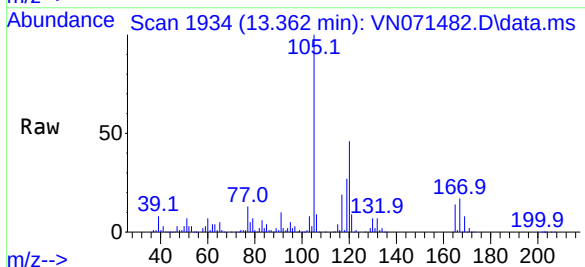
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

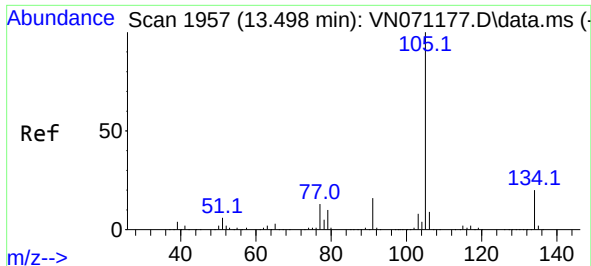
Tgt Ion:119 Resp: 1197113  
Ion Ratio Lower Upper  
119 100  
91 65.9 31.5 94.5  
134 27.1 12.4 37.4



#84  
1,2,4-Trimethylbenzene  
Concen: 48.146 ug/l  
RT: 13.362 min Scan# 1934  
Delta R.T. -0.001 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion:105 Resp: 1274860  
Ion Ratio Lower Upper  
105 100  
120 44.8 22.8 68.4

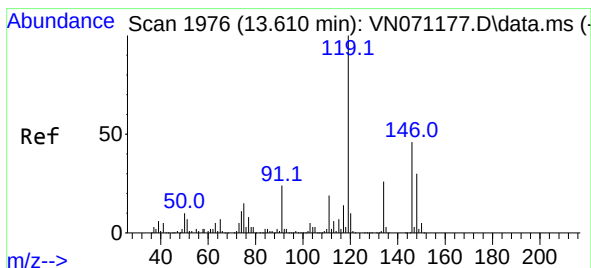
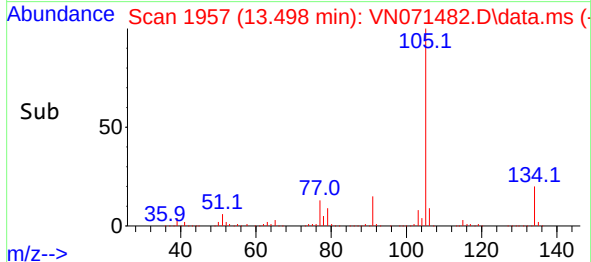
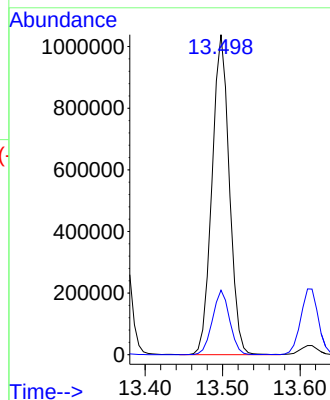
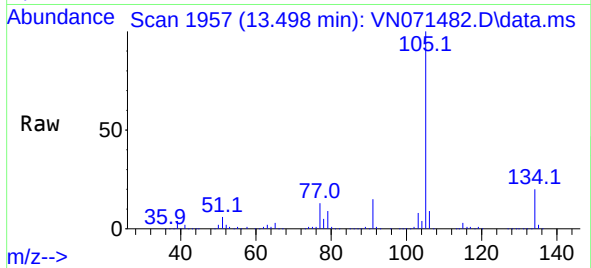




#85  
 sec-Butylbenzene  
 Concen: 49.212 ug/l  
 RT: 13.498 min Scan# 1957  
 Delta R.T. -0.000 min  
 Lab File: VN071482.D  
 Acq: 22 Mar 2022 22:11

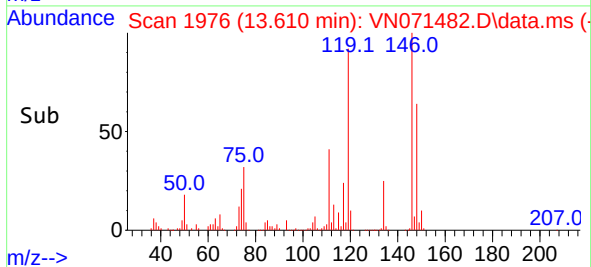
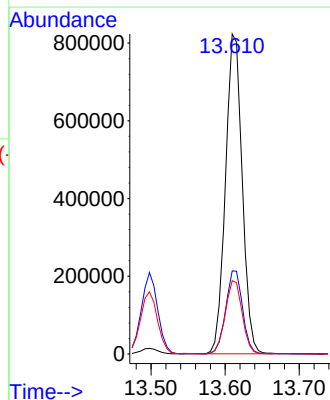
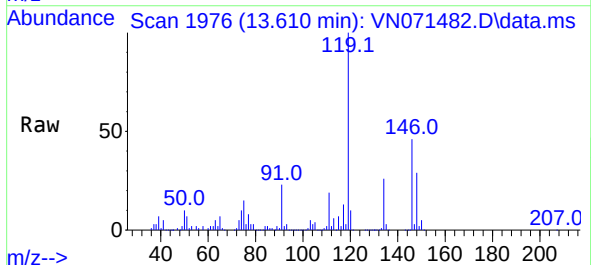
Instrument :  
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 ClientSampleId :  
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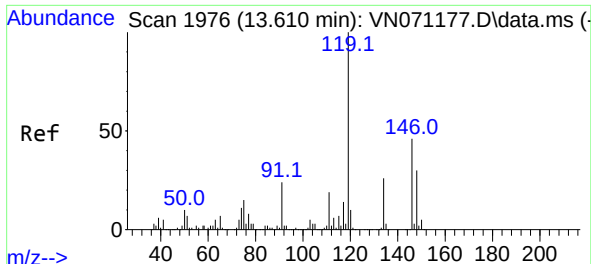
Tgt Ion:105 Resp: 1613745  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 50.000 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. -0.000 min  
 Lab File: VN071482.D  
 Acq: 22 Mar 2022 22:11

Tgt Ion:119 Resp: 1289430  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 13.6 40.7  
 91 23.4 11.4 34.1

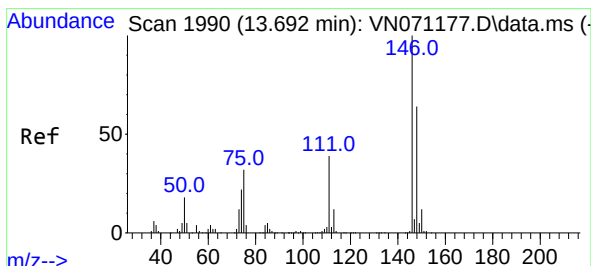
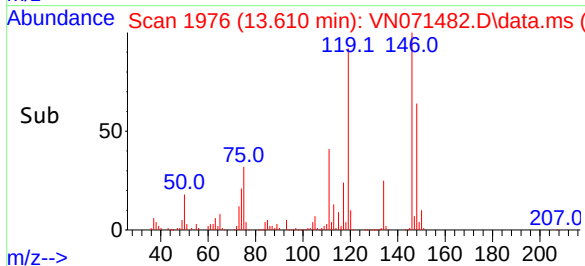
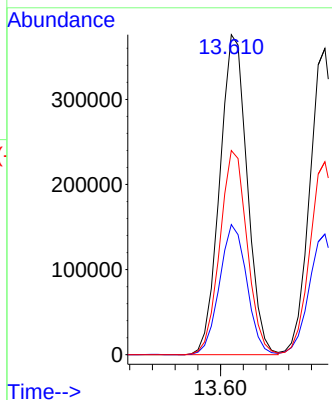
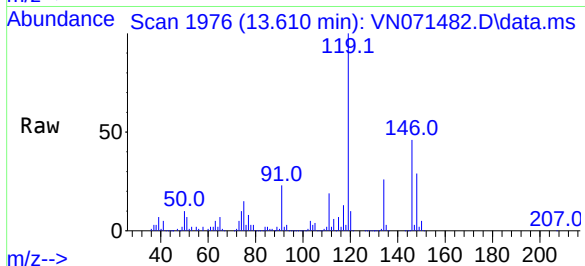




#87  
1,3-Dichlorobenzene  
Concen: 46.880 ug/l  
RT: 13.610 min Scan# 1976  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

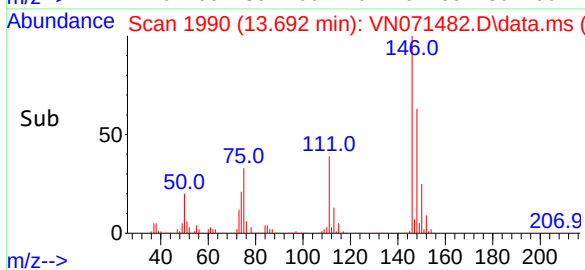
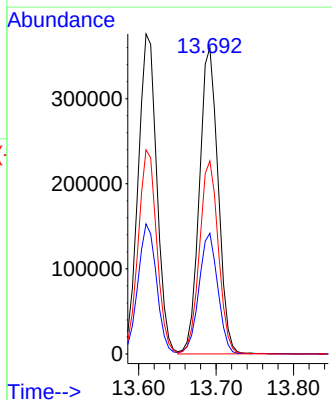
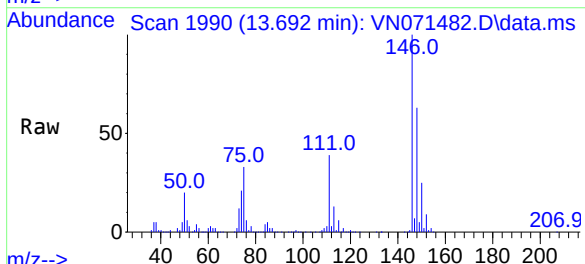
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:146 Resp: 631149  
Ion Ratio Lower Upper  
146 100  
111 40.5 18.6 55.6  
148 63.4 31.6 95.0

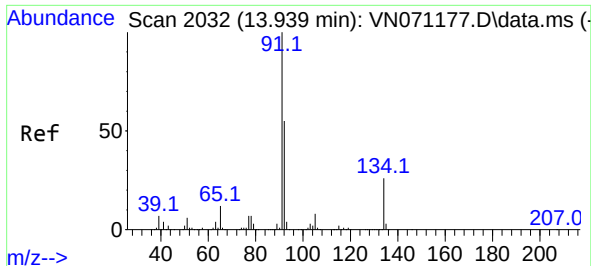


#88  
1,4-Dichlorobenzene  
Concen: 45.852 ug/l  
RT: 13.692 min Scan# 1990  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion:146 Resp: 603414  
Ion Ratio Lower Upper  
146 100  
111 39.5 18.3 54.8  
148 63.7 31.8 95.4



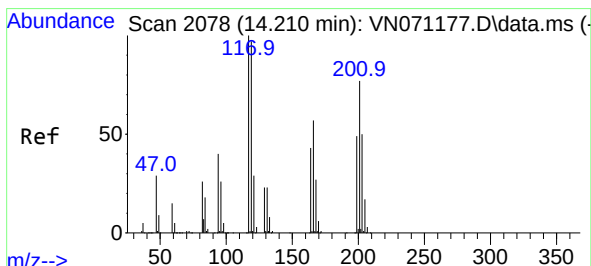
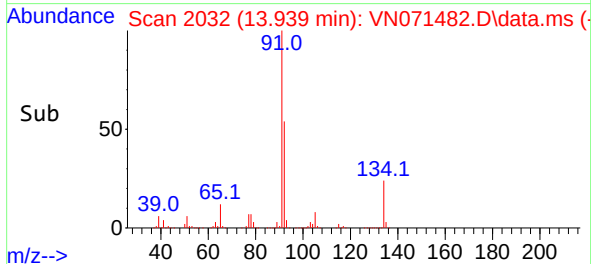
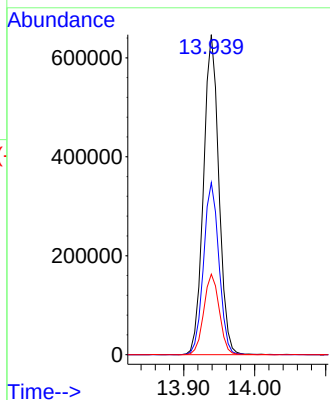
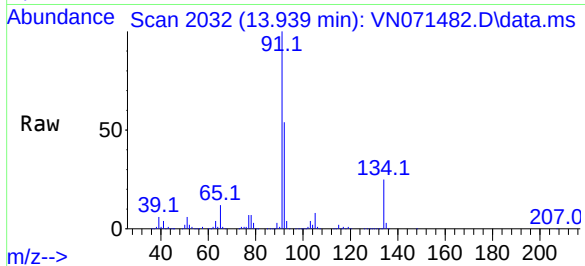




#89  
n-Butylbenzene  
Concen: 48.318 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

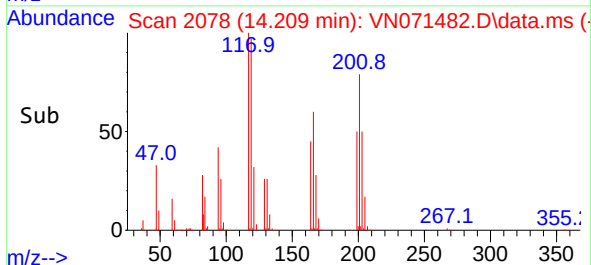
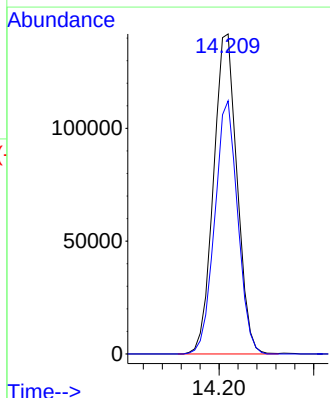
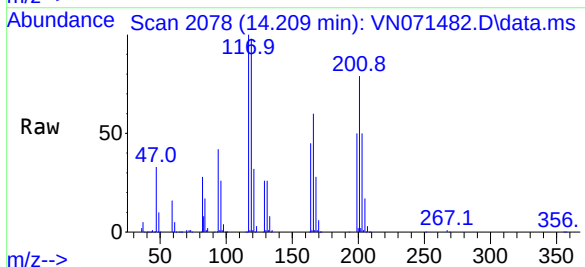
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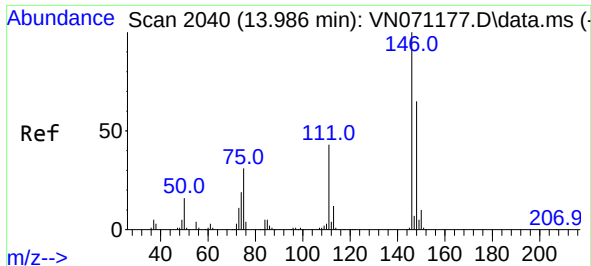
Tgt Ion: 91 Resp: 974580  
Ion Ratio Lower Upper  
91 100  
92 53.8 25.4 76.0  
134 25.4 13.6 40.8



#90  
Hexachloroethane  
Concen: 47.860 ug/l  
RT: 14.209 min Scan# 2078  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 117 Resp: 245444  
Ion Ratio Lower Upper  
117 100  
201 76.9 43.9 131.6

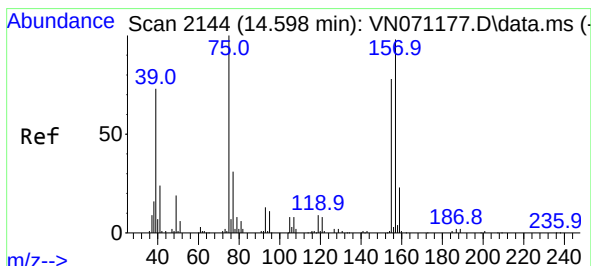
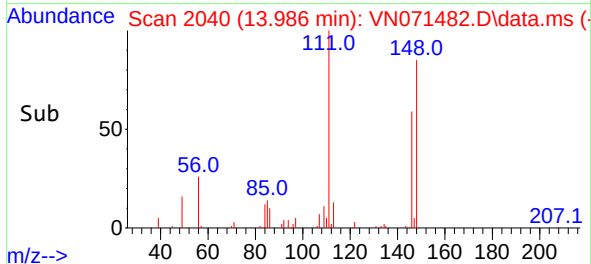
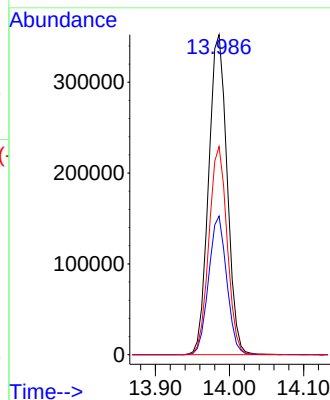
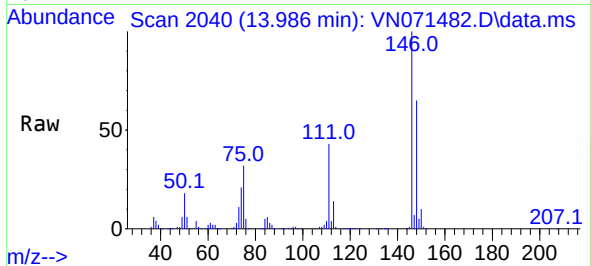




#91  
1,2-Dichlorobenzene  
Concen: 47.256 ug/l  
RT: 13.986 min Scan# 2040  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

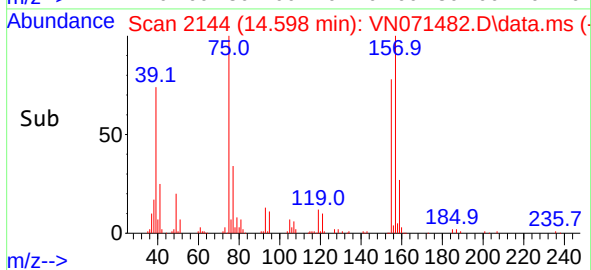
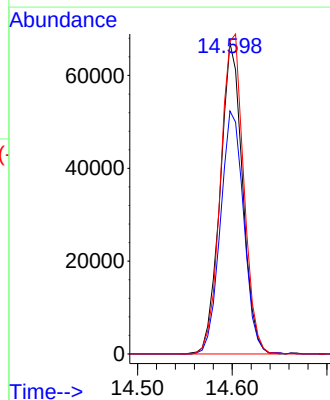
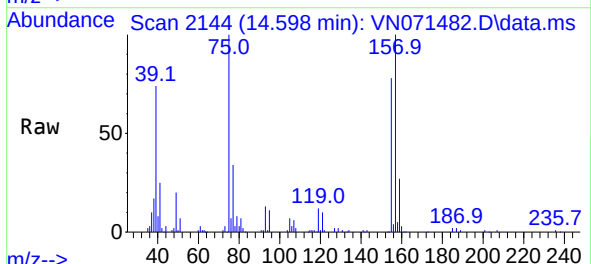
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ClientSampleId :  
VSTDCCC050

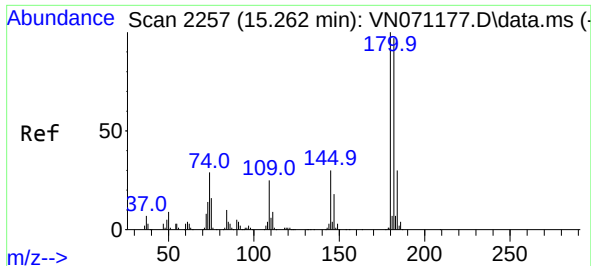
Tgt Ion:146 Resp: 611650  
Ion Ratio Lower Upper  
146 100  
111 42.4 19.1 57.3  
148 63.9 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 53.449 ug/l  
RT: 14.598 min Scan# 2144  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion: 75 Resp: 110503  
Ion Ratio Lower Upper  
75 100  
155 81.1 46.9 140.7  
157 105.8 60.6 181.7

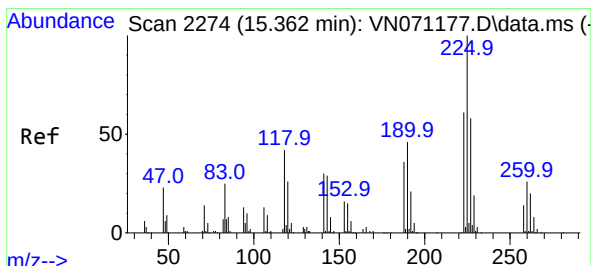
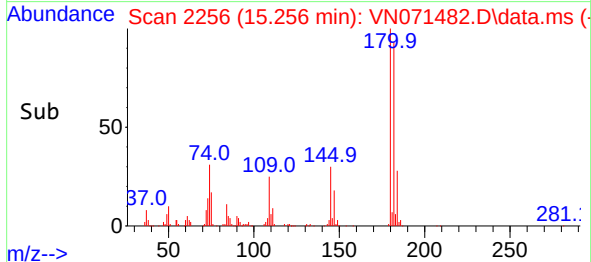
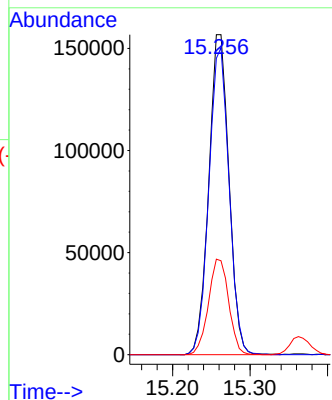
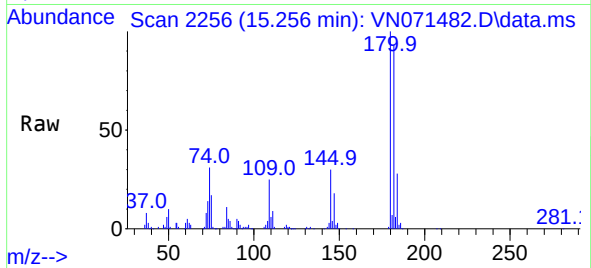




#93  
1,2,4-Trichlorobenzene  
Concen: 47.149 ug/l  
RT: 15.256 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

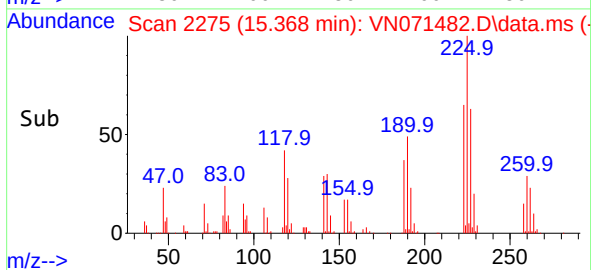
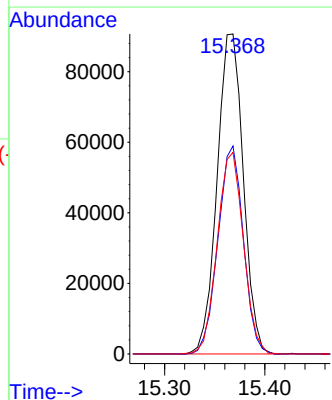
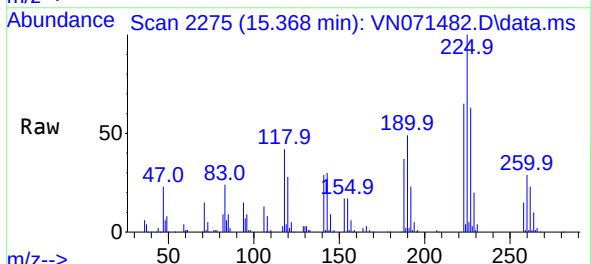
Instrument :  
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ClientSampleId :  
VSTDCCC050

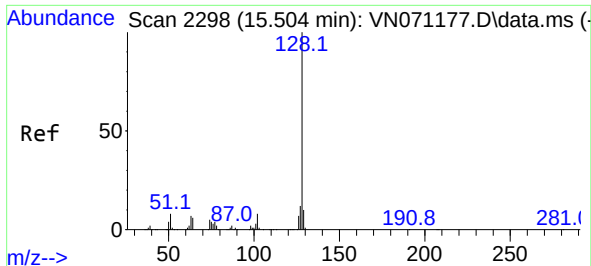
Tgt Ion:180 Resp: 283723  
Ion Ratio Lower Upper  
180 100  
182 95.7 48.3 144.9  
145 30.0 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 45.313 ug/l  
RT: 15.368 min Scan# 2275  
Delta R.T. 0.006 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion:225 Resp: 164648  
Ion Ratio Lower Upper  
225 100  
223 62.8 31.9 95.7  
227 62.9 32.1 96.3

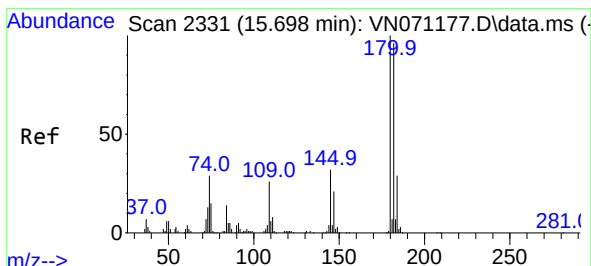
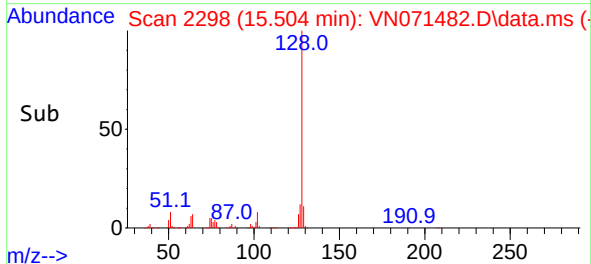
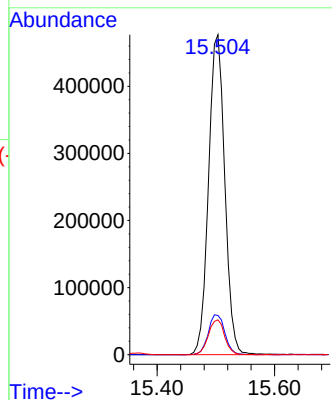
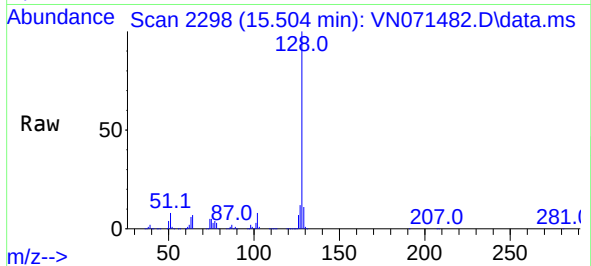




#95  
Naphthalene  
Concen: 53.551 ug/l  
RT: 15.504 min Scan# 2298  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 911652  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.5 15.7  
129 10.9 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 50.551 ug/l  
RT: 15.698 min Scan# 2331  
Delta R.T. -0.000 min  
Lab File: VN071482.D  
Acq: 22 Mar 2022 22:11

Tgt Ion:180 Resp: 292724  
Ion Ratio Lower Upper  
180 100  
182 95.7 47.4 142.2  
145 32.1 15.0 45.1

