

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051622\  
 Data File : VN072505.D  
 Acq On : 16 May 2022 16:56  
 Operator : JC\MD  
 Sample : VN0516WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0516WBS01

Quant Time: May 17 07:18:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N051622W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue May 17 06:34:50 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 7.651  | 128   | 26281    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.963  | 114   | 133427   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.739 | 117   | 127641   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.433  | 65    | 90339    | 30.548   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 101.833% |
| 60) 4-Bromofluorobenzene     | 12.727 | 95    | 73949    | 29.672   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 98.900%  |
| 63) Toluene-d8               | 10.439 | 98    | 209968   | 30.135   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 100.433% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.069  | 85    | 38187    | 17.492   | ug/l   | 99       |
| 3) Chloromethane             | 2.298  | 50    | 37299    | 18.917   | ug/l   | 88       |
| 4) Vinyl Chloride            | 2.440  | 62    | 29456    | 17.697   | ug/l   | 95       |
| 5) Bromomethane              | 2.822  | 94    | 24773    | 18.298   | ug/l   | 97       |
| 6) Chloroethane              | 2.998  | 64    | 20977    | 19.299   | ug/l   | 91       |
| 7) Trichlorofluoromethane    | 3.363  | 101   | 70387    | 17.902   | ug/l   | 99       |
| 8) Diethyl Ether             | 3.828  | 74    | 22857    | 19.325   | ug/l   | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 4.204  | 101   | 33488    | 18.076   | ug/l # | 60       |
| 10) 1,1-Dichloroethene       | 4.175  | 96    | 29675    | 17.764   | ug/l   | 90       |
| 11) Methyl Iodide            | 4.416  | 142   | 43455    | 17.274   | ug/l   | 99       |
| 12) Methyl Acetate           | 4.857  | 43    | 58494    | 21.645   | ug/l   | 94       |
| 13) Acrolein                 | 4.040  | 56    | 40643    | 95.716   | ug/l   | 99       |
| 14) Acrylonitrile            | 5.551  | 53    | 118633   | 104.051  | ug/l   | 99       |
| 15) Acetone                  | 4.292  | 58    | 33238    | 111.174  | ug/l   | 88       |
| 16) Carbon Disulfide         | 4.522  | 76    | 76191    | 17.583   | ug/l # | 94       |
| 17) Allyl chloride           | 4.834  | 41    | 56691    | 18.801   | ug/l   | 91       |
| 18) Methylene Chloride       | 5.087  | 84    | 42061    | 21.272   | ug/l   | 97       |
| 19) trans-1,2-Dichloroethene | 5.592  | 96    | 34483    | 18.794   | ug/l   | 89       |
| 20) Diisopropyl ether        | 6.498  | 45    | 121369   | 19.362   | ug/l   | 91       |
| 21) 1,1-Dichloroethane       | 6.381  | 63    | 69134    | 18.443   | ug/l   | 99       |
| 22) cis-1,2-Dichloroethene   | 7.322  | 96    | 41394    | 19.216   | ug/l   | 94       |
| 23) tert-Butyl Alcohol       | 5.369  | 59    | 57755    | 115.485  | ug/l # | 100      |
| 25) Chloroform               | 7.816  | 83    | 79203    | 19.590   | ug/l   | 98       |
| 26) Cyclohexane              | 8.086  | 56    | 55759    | 18.329   | ug/l # | 99       |
| 29) 1,1-Dichloropropene      | 8.222  | 75    | 51201    | 19.268   | ug/l   | 94       |
| 30) 2-Butanone               | 7.328  | 43    | 169015   | 109.894  | ug/l   | 97       |
| 31) 2,2-Dichloropropane      | 7.322  | 77    | 63177    | 19.163   | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 8.016  | 97    | 72194    | 19.047   | ug/l   | 98       |
| 33) Carbon Tetrachloride     | 8.204  | 117   | 66379    | 19.707   | ug/l   | 95       |
| 34) Benzene                  | 8.457  | 78    | 154638   | 20.480   | ug/l   | 96       |
| 35) Methacrylonitrile        | 7.633  | 41    | 34899    | 21.462   | ug/l   | 92       |
| 36) 1,2-Dichloroethane       | 8.522  | 62    | 72379    | 20.583   | ug/l   | 100      |
| 37) Trichloroethene          | 9.210  | 130   | 39868    | 19.462   | ug/l   | 100      |
| 38) Methylcyclohexane        | 9.457  | 83    | 55428    | 18.042   | ug/l   | 89       |
| 39) 1,2-Dichloropropane      | 9.486  | 63    | 37838    | 19.894   | ug/l   | 93       |
| 40) Dibromomethane           | 9.574  | 93    | 30190    | 20.562   | ug/l   | 90       |
| 41) Bromodichloromethane     | 9.757  | 83    | 63487    | 20.410   | ug/l   | 93       |
| 42) Vinyl Acetate            | 6.428  | 43    | 512769   | 99.056   | ug/l   | 97       |
| 43) Ethyl Acetate            | 7.410  | 43    | 65193    | 21.706   | ug/l   | 98       |

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 Acq On : 16 May 2022 16:56  
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 Sample : VN0516WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0516WBS01

Quant Time: May 17 07:18:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N051622W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue May 17 06:34:50 2022  
 Response via : Initial Calibration

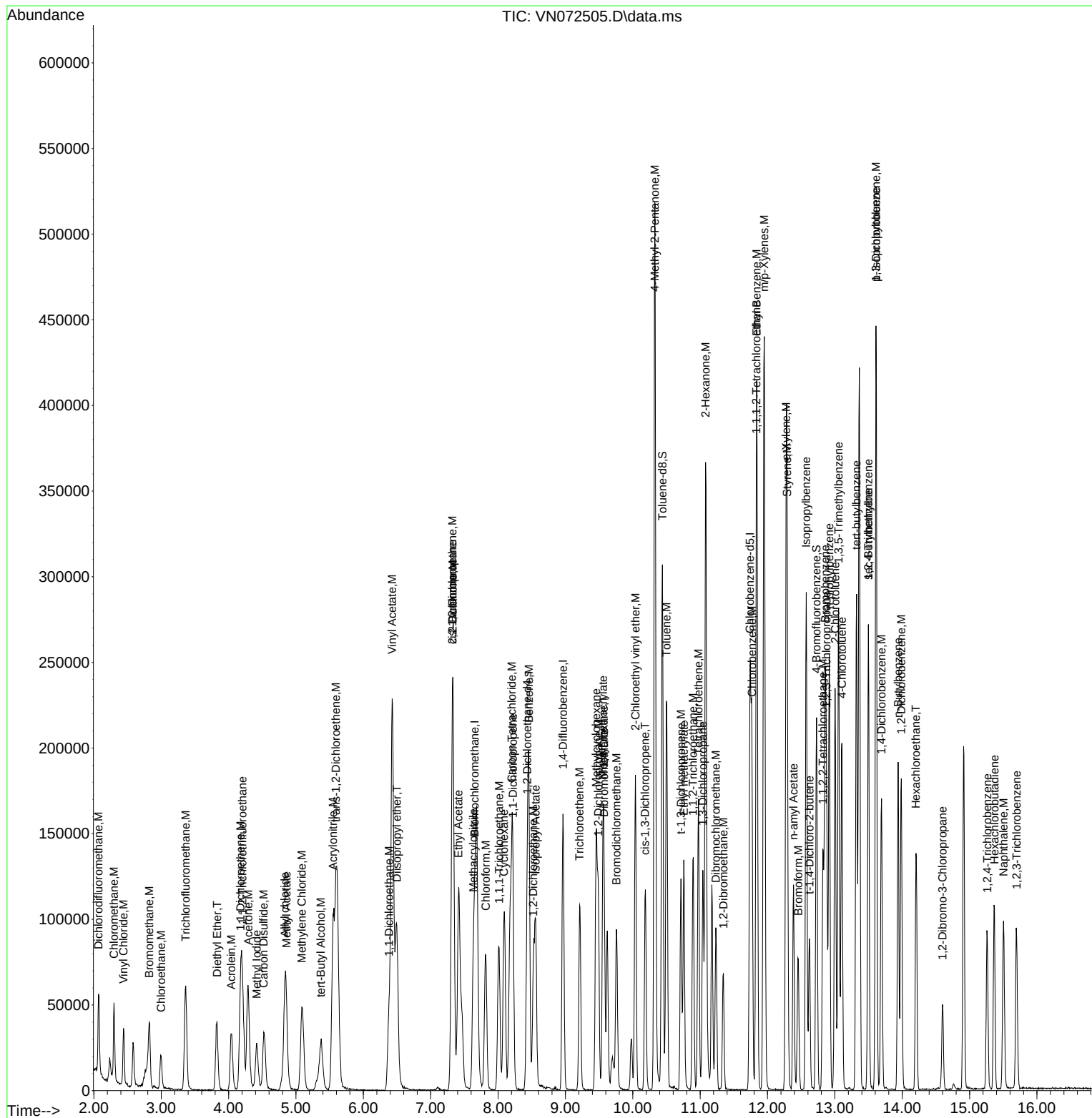
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 44) Isopropyl Acetate         | 8.557  | 43   | 101798   | 21.173  | ug/l   | 97       |
| 45) 1,4-Dioxane               | 9.569  | 88   | 20982    | 458.196 | ug/l # | 86       |
| 46) Methyl methacrylate       | 9.557  | 41   | 47169    | 20.734  | ug/l   | 87       |
| 47) n-amyl Acetate            | 12.386 | 43   | 64691    | 20.100  | ug/l   | 97       |
| 48) t-1,3-Dichloropropene     | 10.716 | 75   | 65182    | 19.849  | ug/l   | 95       |
| 49) cis-1,3-Dichloropropene   | 10.180 | 75   | 66999    | 20.243  | ug/l   | 94       |
| 50) 1,1,2-Trichloroethane     | 10.892 | 97   | 42647    | 21.059  | ug/l   | 98       |
| 51) Ethyl methacrylate        | 10.757 | 69   | 65119    | 20.621  | ug/l   | 91       |
| 52) 1,3-Dichloropropane       | 11.039 | 76   | 72211    | 20.638  | ug/l   | 99       |
| 53) Dibromochloromethane      | 11.233 | 129  | 49515    | 20.250  | ug/l   | 98       |
| 54) 1,2-Dibromoethane         | 11.345 | 107  | 46443    | 21.559  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether | 10.039 | 63   | 78228    | 97.631  | ug/l   | 99       |
| 56) Bromoform                 | 12.457 | 173  | 37171    | 20.157  | ug/l # | 99       |
| 58) 4-Methyl-2-Pentanone      | 10.327 | 43   | 338633   | 112.590 | ug/l   | 100      |
| 59) 2-Hexanone                | 11.080 | 43   | 246238   | 111.444 | ug/l   | 99       |
| 61) Tetrachloroethene         | 10.974 | 164  | 38514    | 20.148  | ug/l # | 83       |
| 62) Toluene                   | 10.498 | 91   | 169702   | 19.680  | ug/l   | 96       |
| 64) Chlorobenzene             | 11.768 | 112  | 105622   | 19.636  | ug/l   | 97       |
| 65) 1,1,1,2-Tetrachloroethane | 11.833 | 131  | 44969    | 20.219  | ug/l   | 97       |
| 66) Ethyl Benzene             | 11.839 | 91   | 186193   | 19.197  | ug/l   | 99       |
| 67) m/p-Xylenes               | 11.951 | 106  | 143775   | 39.098  | ug/l   | 95       |
| 68) o-Xylene                  | 12.274 | 106  | 74687    | 20.547  | ug/l   | 98       |
| 69) Styrene                   | 12.292 | 104  | 113040   | 19.526  | ug/l   | 94       |
| 70) Isopropylbenzene          | 12.574 | 105  | 188852   | 19.579  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 12.821 | 83   | 64529    | 21.908  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 12.874 | 75   | 80886    | 29.279  | ug/l   | 53       |
| 73) Bromobenzene              | 12.857 | 156  | 45307    | 19.518  | ug/l   | 97       |
| 74) n-propylbenzene           | 12.915 | 91   | 197776   | 18.731  | ug/l   | 99       |
| 75) 2-Chlorotoluene           | 13.004 | 91   | 130944   | 19.194  | ug/l   | 98       |
| 76) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 162579   | 19.707  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene   | 12.621 | 75   | 17677    | 19.366  | ug/l   | 85       |
| 78) 4-Chlorotoluene           | 13.104 | 91   | 123894   | 19.375  | ug/l   | 94       |
| 79) tert-butylbenzene         | 13.321 | 119  | 138281   | 19.078  | ug/l   | 99       |
| 80) 1,2,4-Trimethylbenzene    | 13.498 | 105  | 177600   | 22.340  | ug/l   | 100      |
| 81) sec-Butylbenzene          | 13.498 | 105  | 177600   | 18.481  | ug/l   | 97       |
| 82) p-Isopropyltoluene        | 13.610 | 119  | 147095   | 18.495  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 13.610 | 146  | 76403    | 19.280  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 13.692 | 146  | 73650    | 19.100  | ug/l   | 99       |
| 85) n-Butylbenzene            | 13.939 | 91   | 101233   | 17.176  | ug/l   | 97       |
| 86) Hexachloroethane          | 14.204 | 117  | 27392    | 18.704  | ug/l   | 86       |
| 87) 1,2-Dichlorobenzene       | 13.986 | 146  | 75413    | 19.466  | ug/l   | 98       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 14098    | 20.333  | ug/l   | 99       |
| 89) 1,2,4-Trichlorobenzene    | 15.262 | 180  | 31530    | 17.979  | ug/l   | 98       |
| 90) Hexachlorobutadiene       | 15.368 | 225  | 19510    | 18.001  | ug/l   | 92       |
| 91) Naphthalene               | 15.504 | 128  | 94852    | 20.477  | ug/l   | 98       |
| 92) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 33771    | 18.918  | ug/l   | 98       |

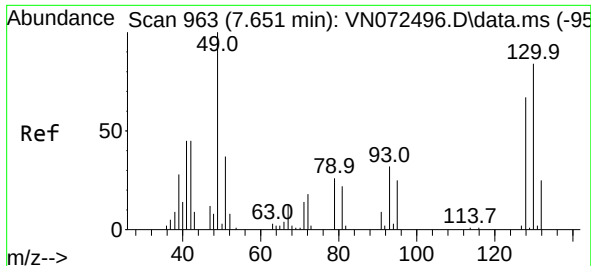
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VN072505.D  
 Acq On : 16 May 2022 16:56  
 Operator : JC\MD  
 Sample : VN0516WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0516WBS01

Quant Time: May 17 07:18:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N051622W.M  
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 QLast Update : Tue May 17 06:34:50 2022  
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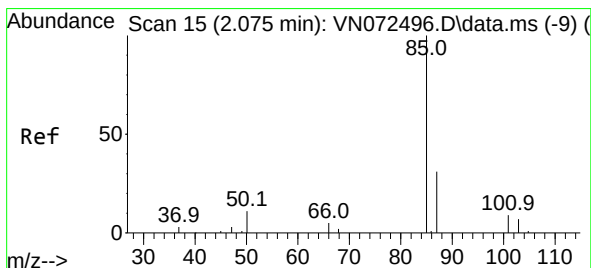
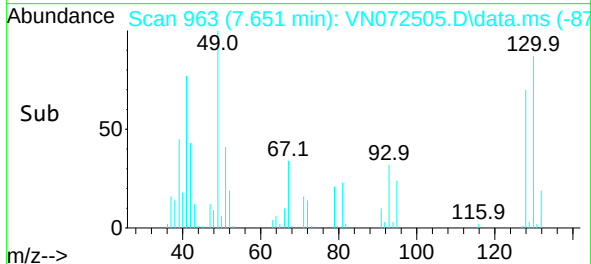
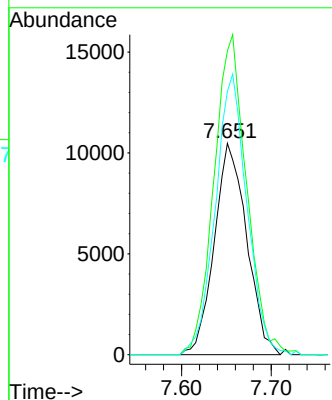
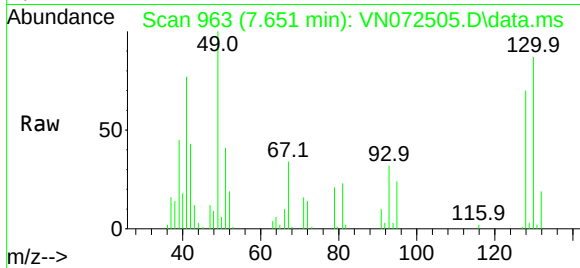




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.651 min Scan# 9  
Delta R.T. 0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

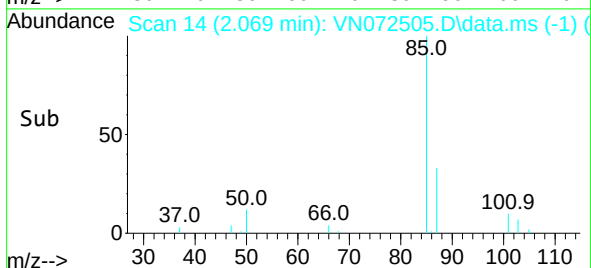
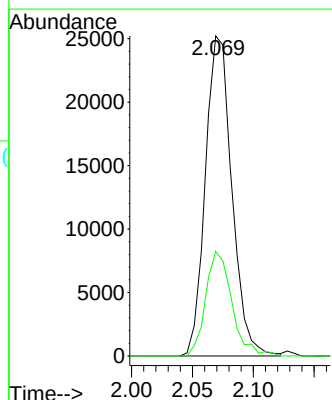
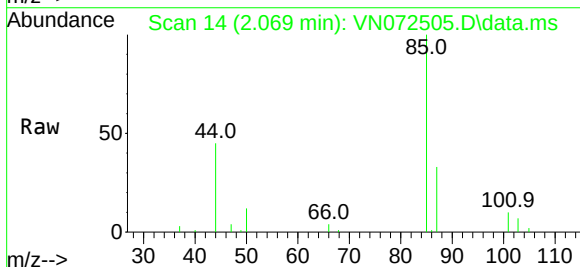
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

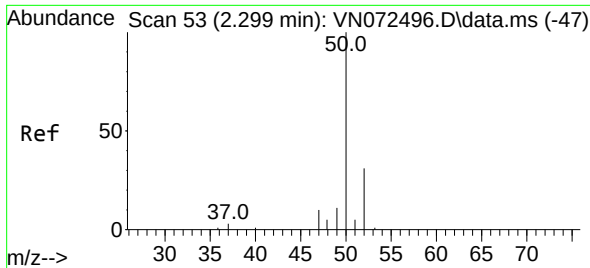
Tgt Ion:128 Resp: 26281  
Ion Ratio Lower Upper  
128 100  
49 152.2 0.0 392.3  
130 129.6 0.0 320.2



#2  
Dichlorodifluoromethane  
Concen: 17.492 ug/l  
RT: 2.069 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion: 85 Resp: 38187  
Ion Ratio Lower Upper  
85 100  
87 32.7 16.6 49.7

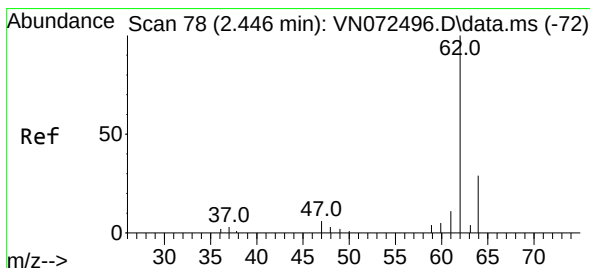
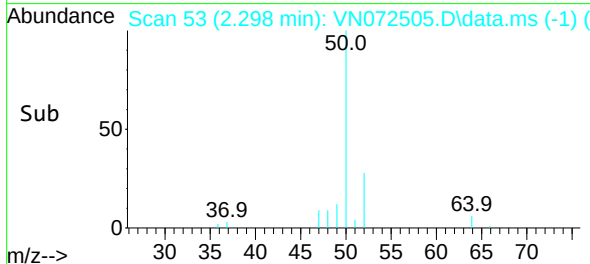
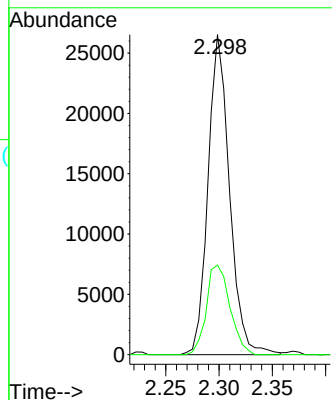
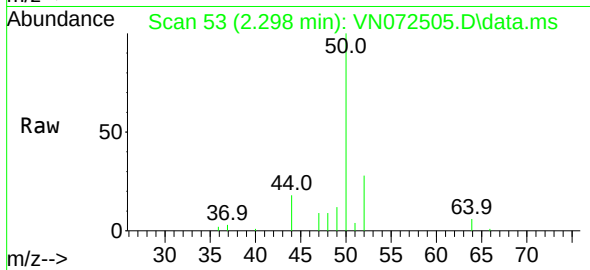




#3  
Chloromethane  
Concen: 18.917 ug/l  
RT: 2.298 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

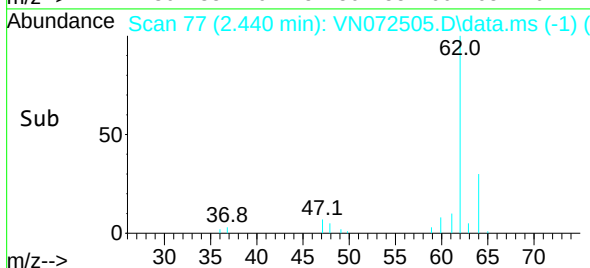
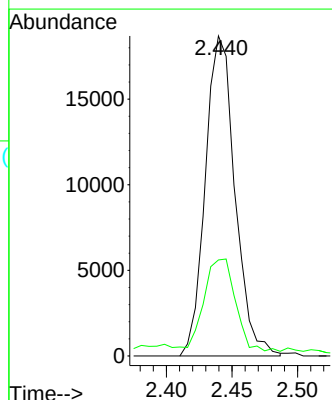
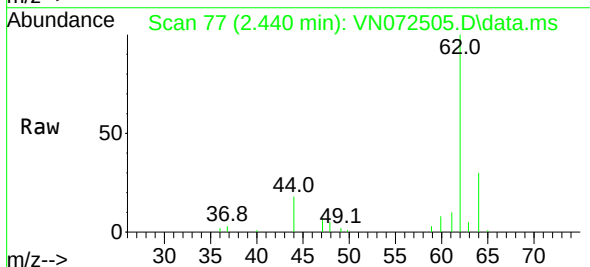
Instrument :  
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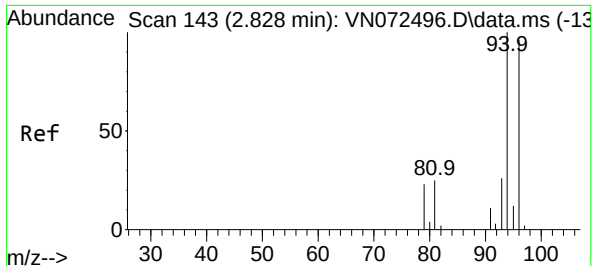
Tgt Ion: 50 Resp: 37299  
Ion Ratio Lower Upper  
50 100  
52 28.0 27.8 41.6



#4  
Vinyl Chloride  
Concen: 17.697 ug/l  
RT: 2.440 min Scan# 77  
Delta R.T. -0.006 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion: 62 Resp: 29456  
Ion Ratio Lower Upper  
62 100  
64 28.6 25.1 37.7

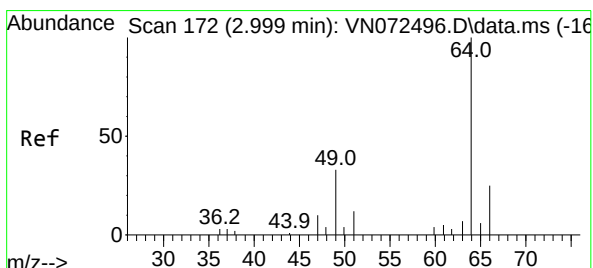
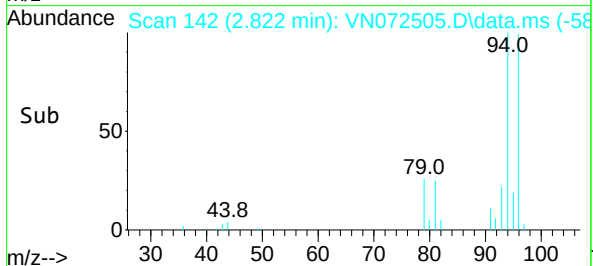
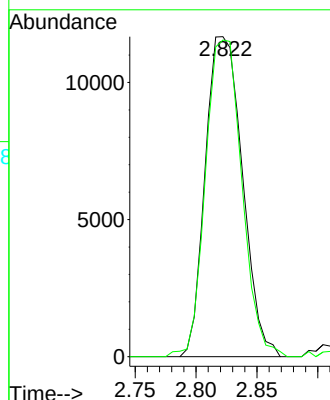
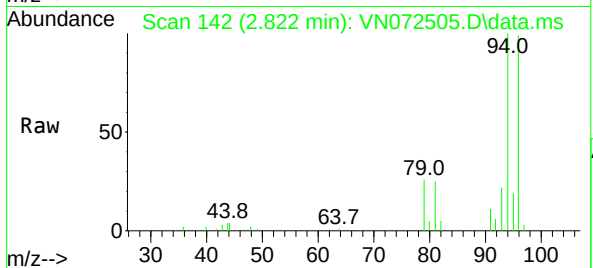




#5  
Bromomethane  
Concen: 18.298 ug/l  
RT: 2.822 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

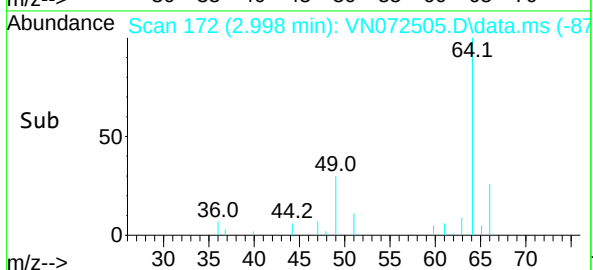
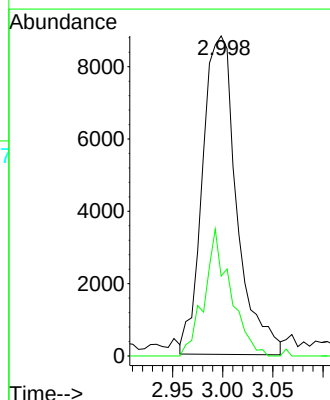
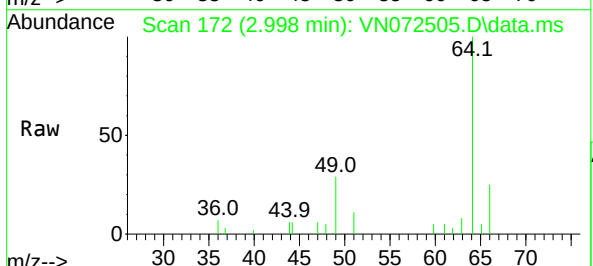
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

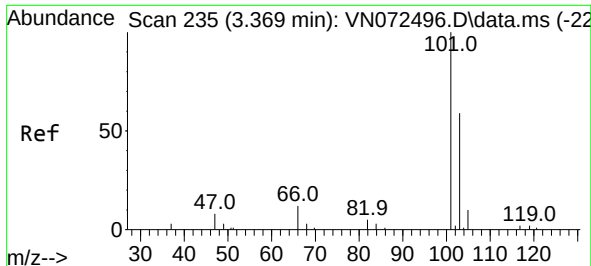
Tgt Ion: 94 Resp: 24773  
Ion Ratio Lower Upper  
94 100  
96 97.3 75.2 112.8



#6  
Chloroethane  
Concen: 19.299 ug/l  
RT: 2.998 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion: 64 Resp: 20977  
Ion Ratio Lower Upper  
64 100  
66 25.9 24.6 36.8

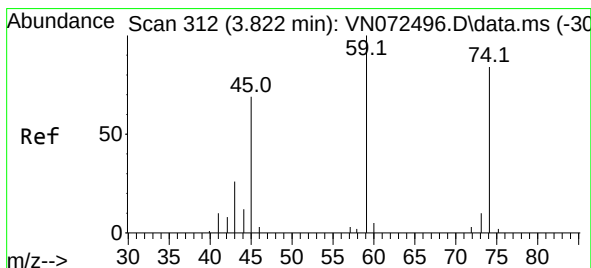
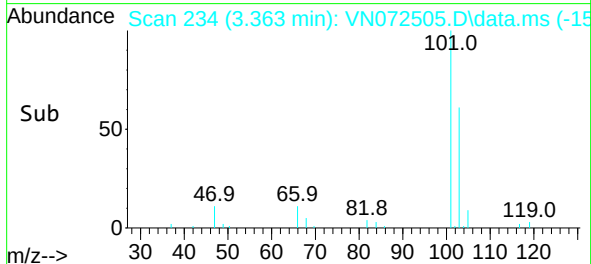
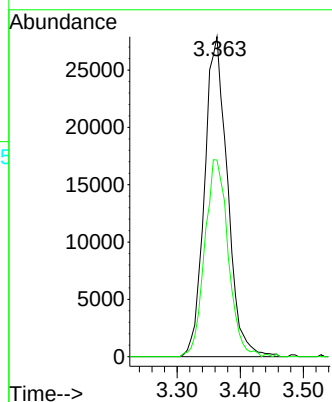
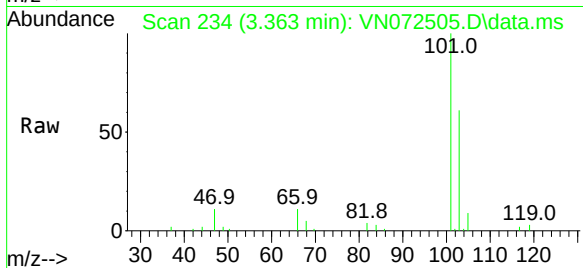




#7  
 Trichlorofluoromethane  
 Concen: 17.902 ug/l  
 RT: 3.363 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VN072505.D  
 Acq: 16 May 2022 16:56

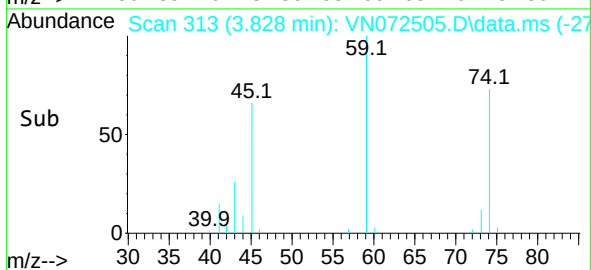
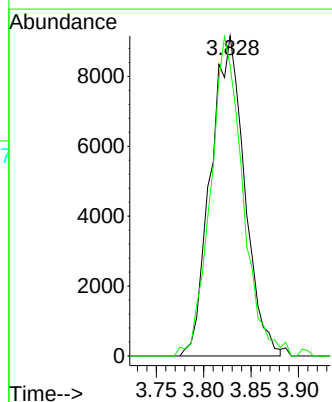
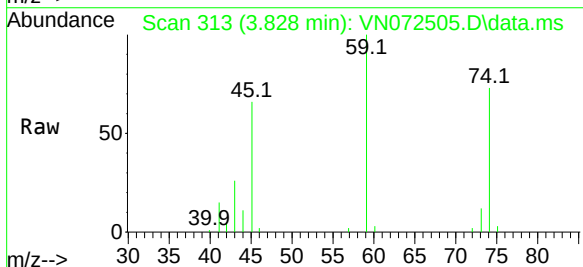
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0516WBS01

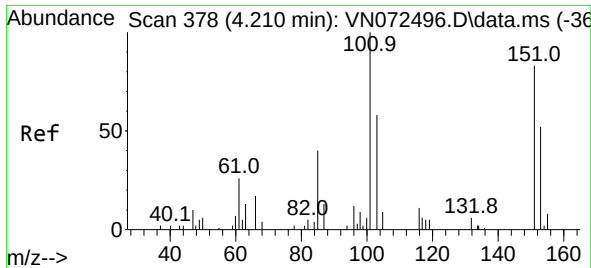
Tgt Ion:101 Resp: 70387  
 Ion Ratio Lower Upper  
 101 100  
 103 61.5 50.1 75.1



#8  
 Diethyl Ether  
 Concen: 19.325 ug/l  
 RT: 3.828 min Scan# 313  
 Delta R.T. 0.006 min  
 Lab File: VN072505.D  
 Acq: 16 May 2022 16:56

Tgt Ion: 74 Resp: 22857  
 Ion Ratio Lower Upper  
 74 100  
 45 93.6 17.6 158.8

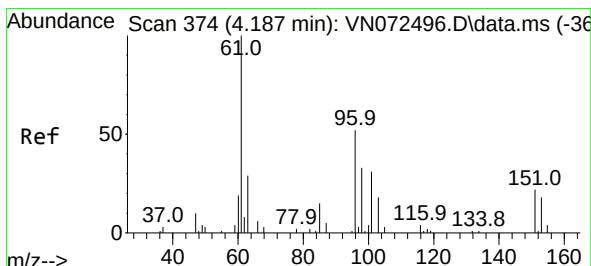
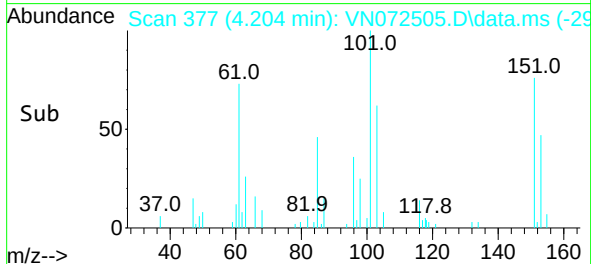
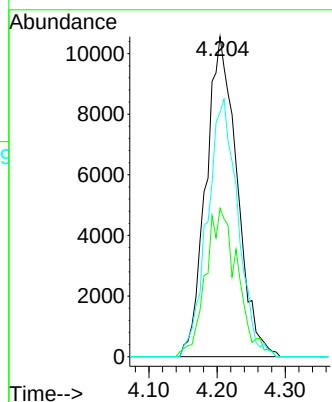
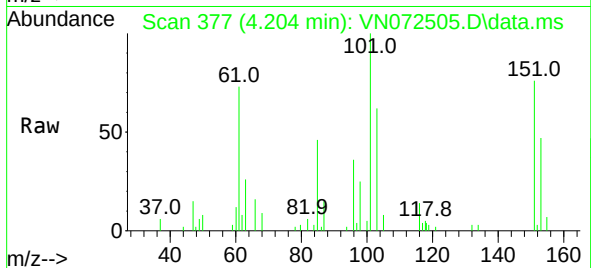




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 18.076 ug/l  
 RT: 4.204 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: VN072505.D  
 Acq: 16 May 2022 16:56

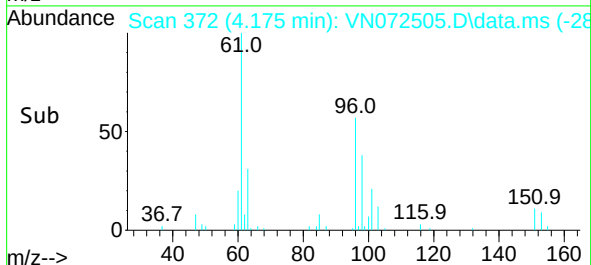
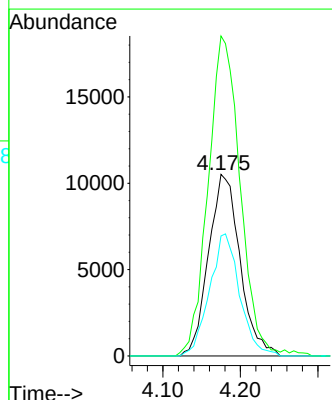
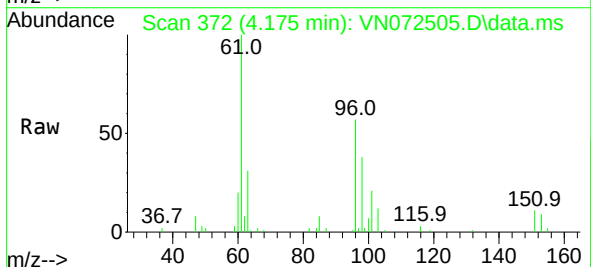
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0516WBS01

Tgt Ion:101 Resp: 33488  
 Ion Ratio Lower Upper  
 101 100  
 85 36.0 0.0 94.0  
 151 78.3 0.0 74.6#

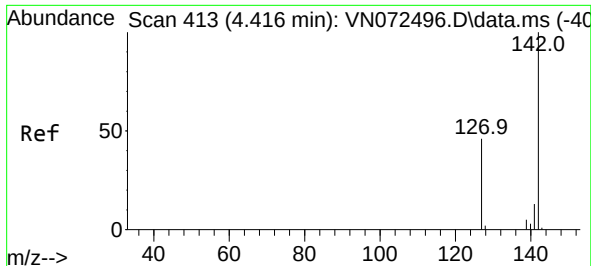


#10  
 1,1-Dichloroethene  
 Concen: 17.764 ug/l  
 RT: 4.175 min Scan# 372  
 Delta R.T. -0.012 min  
 Lab File: VN072505.D  
 Acq: 16 May 2022 16:56

Tgt Ion: 96 Resp: 29675  
 Ion Ratio Lower Upper  
 96 100  
 61 174.4 126.2 189.4  
 98 66.1 50.9 76.3

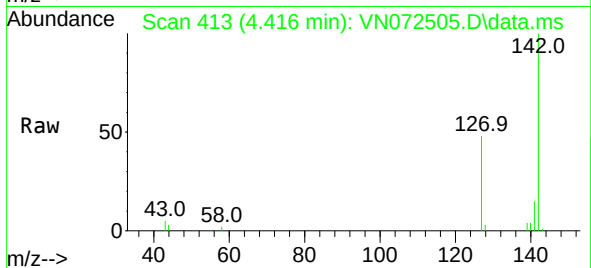




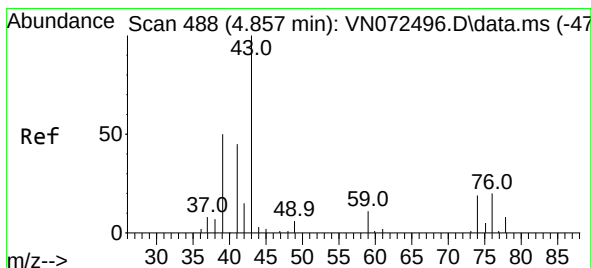
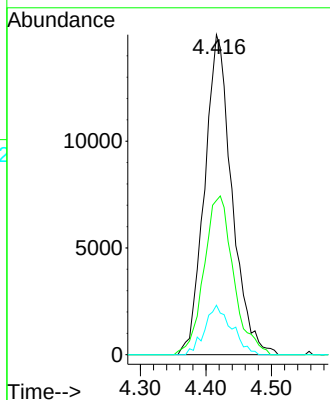
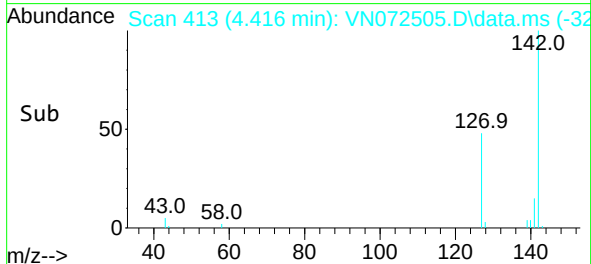


#11  
Methyl Iodide  
Concen: 17.274 ug/l  
RT: 4.416 min Scan# 413  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

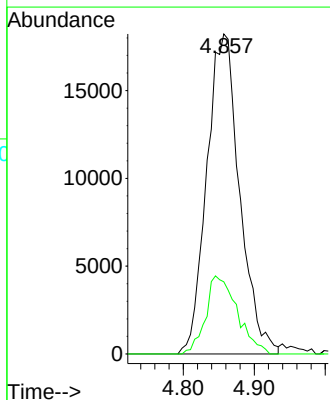
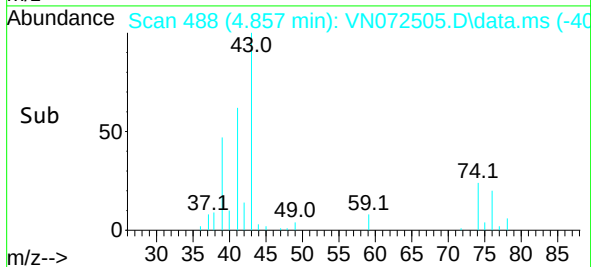
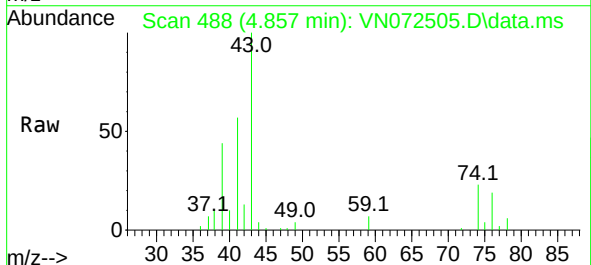


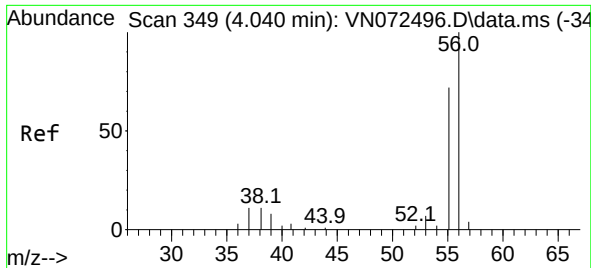
Tgt Ion:142 Resp: 43455  
Ion Ratio Lower Upper  
142 100  
127 47.7 24.0 72.0  
141 15.4 8.4 25.2



#12  
Methyl Acetate  
Concen: 21.645 ug/l  
RT: 4.857 min Scan# 488  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion: 43 Resp: 58494  
Ion Ratio Lower Upper  
43 100  
74 22.8 20.8 31.2

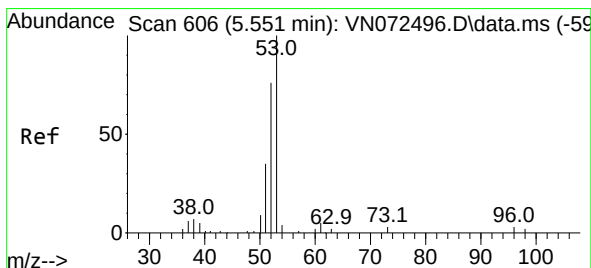
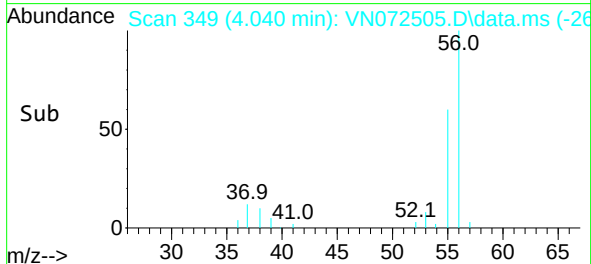
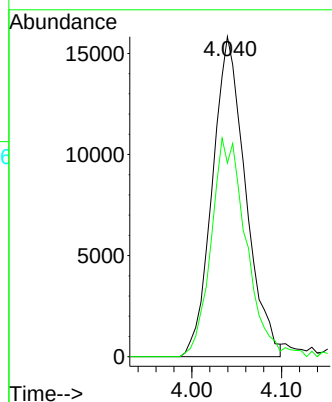
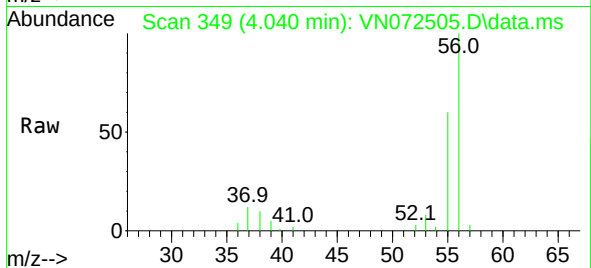




#13  
Acrolein  
Concen: 95.716 ug/l  
RT: 4.040 min Scan# 349  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

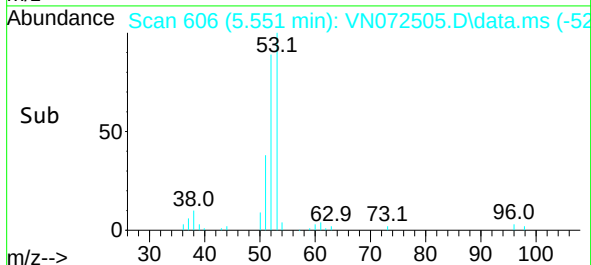
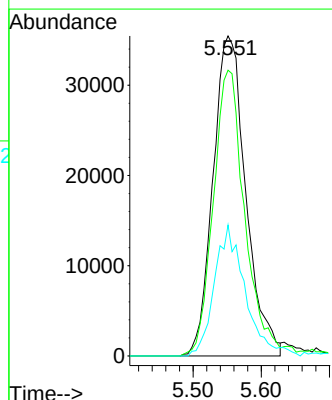
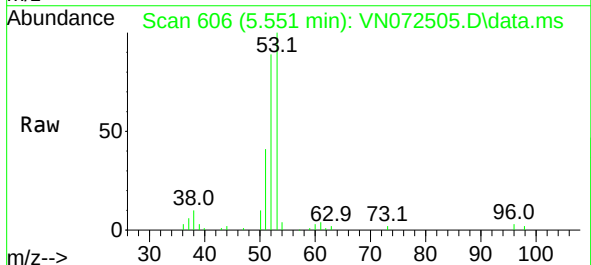
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

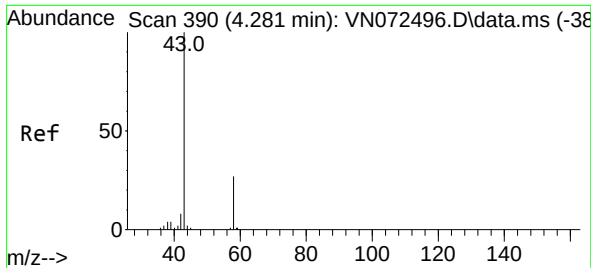
Tgt Ion: 56 Resp: 40643  
Ion Ratio Lower Upper  
56 100  
55 70.9 57.6 86.4



#14  
Acrylonitrile  
Concen: 104.051 ug/l  
RT: 5.551 min Scan# 606  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion: 53 Resp: 118633  
Ion Ratio Lower Upper  
53 100  
52 85.0 41.8 125.4  
51 37.3 19.0 57.0

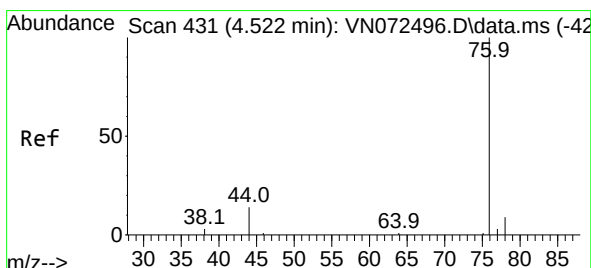
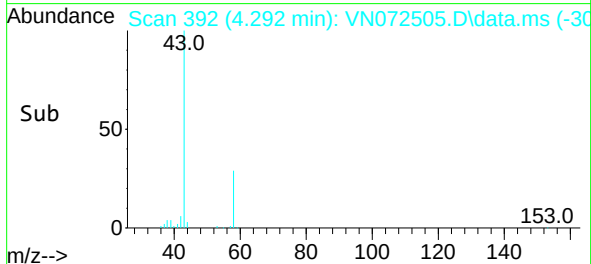
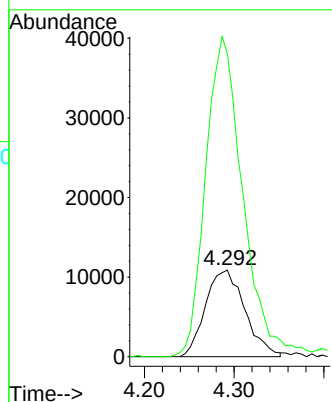
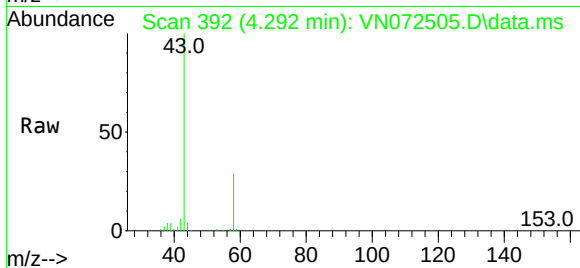




#15  
Acetone  
Concen: 111.174 ug/l  
RT: 4.292 min Scan# 390  
Delta R.T. 0.012 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

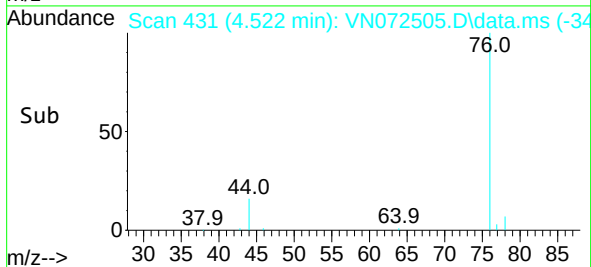
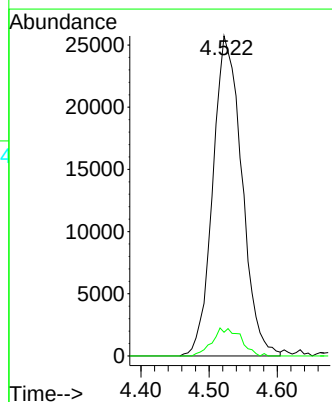
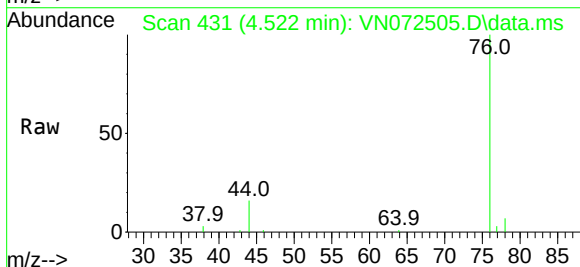
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

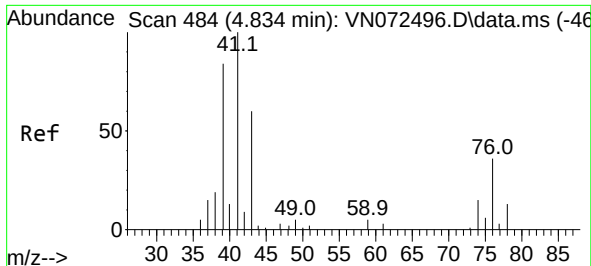
Tgt Ion: 58 Resp: 33238  
Ion Ratio Lower Upper  
58 100  
43 345.4 256.6 384.8



#16  
Carbon Disulfide  
Concen: 17.583 ug/l  
RT: 4.522 min Scan# 431  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion: 76 Resp: 76191  
Ion Ratio Lower Upper  
76 100  
78 7.4 7.8 11.8#





#17

Allyl chloride

Concen: 18.801 ug/l

RT: 4.834 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN072505.D

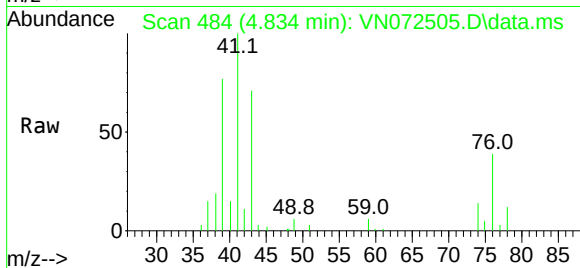
Acq: 16 May 2022 16:56

Instrument :

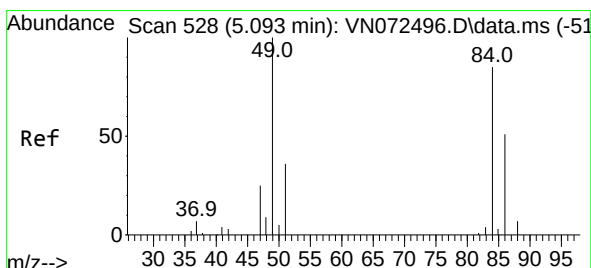
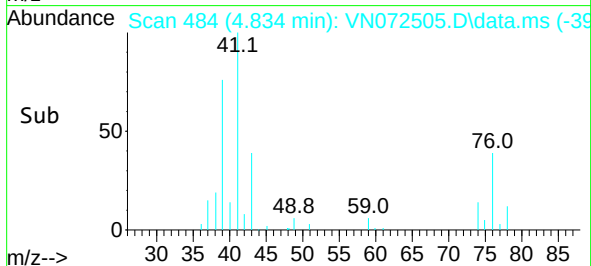
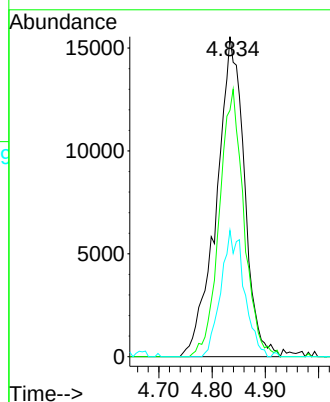
MSVOA\_N

ClientSampleId :

VN0516WBS01



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 56691 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 77.0  | 44.6  | 134.0 |
| 76        | 39.5  | 19.6  | 58.7  |



#18

Methylene Chloride

Concen: 21.272 ug/l

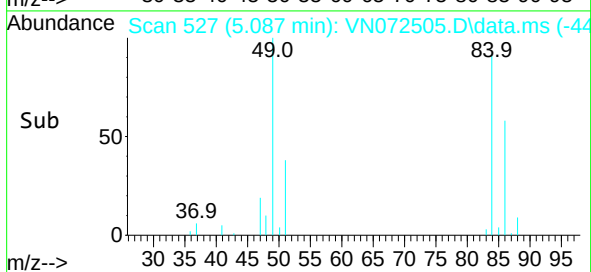
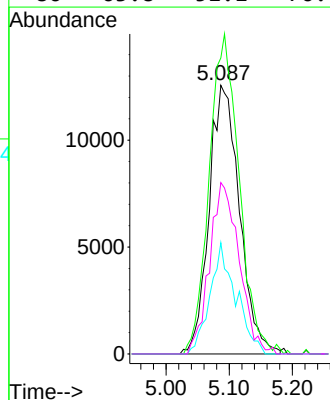
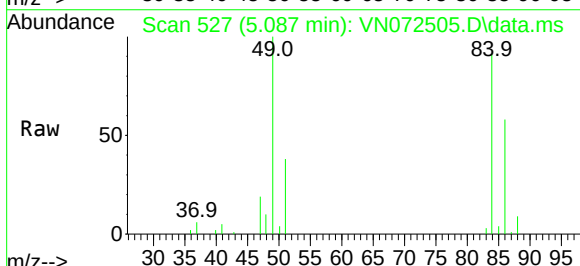
RT: 5.087 min Scan# 527

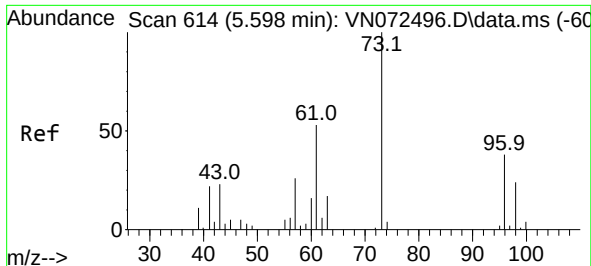
Delta R.T. -0.006 min

Lab File: VN072505.D

Acq: 16 May 2022 16:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 84    | Resp: | 42061 |
| Ion Ratio | Lower | Upper |       |
| 84        | 100   |       |       |
| 49        | 110.1 | 91.4  | 137.0 |
| 51        | 41.4  | 29.4  | 44.0  |
| 86        | 63.8  | 51.1  | 76.7  |





#19

trans-1,2-Dichloroethene

Concen: 18.794 ug/l

RT: 5.592 min Scan# 614

Delta R.T. -0.006 min

Lab File: VN072505.D

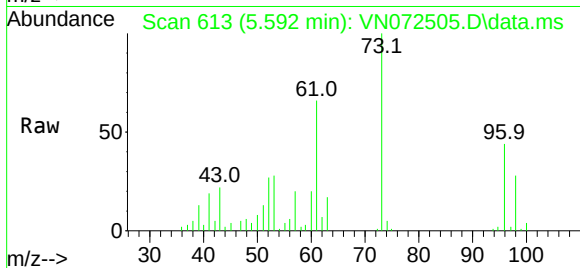
Acq: 16 May 2022 16:56

Instrument :

MSVOA\_N

ClientSampleId :

VN0516WBS01



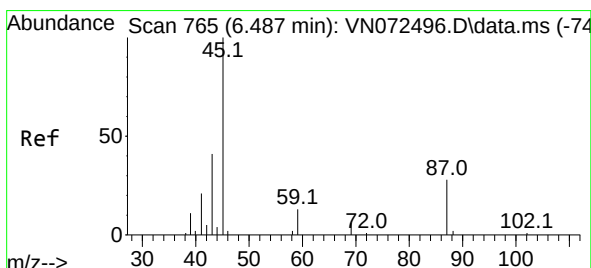
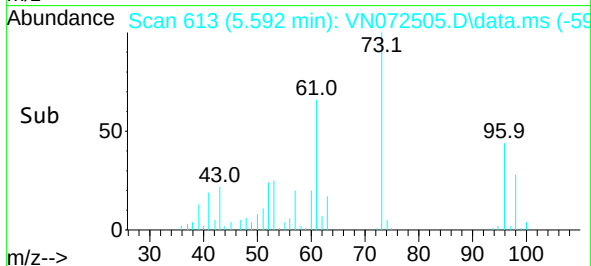
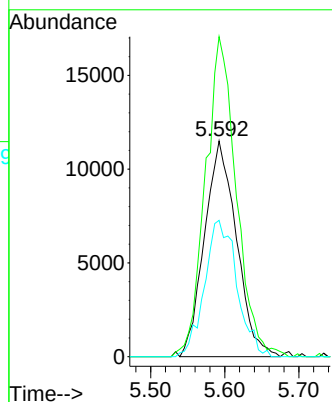
Tgt Ion: 96 Resp: 34483

Ion Ratio Lower Upper

96 100

61 146.0 102.8 154.2

98 63.2 49.3 73.9



#20

Diisopropyl ether

Concen: 19.362 ug/l

RT: 6.498 min Scan# 767

Delta R.T. 0.012 min

Lab File: VN072505.D

Acq: 16 May 2022 16:56

Tgt Ion: 45 Resp: 121369

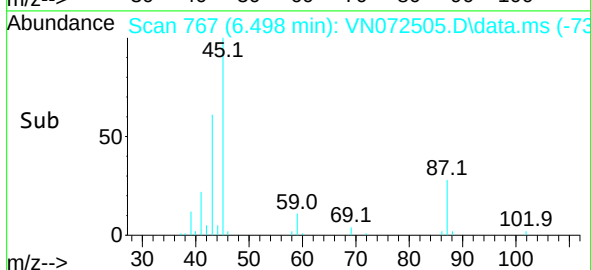
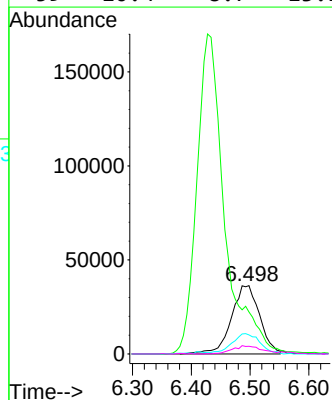
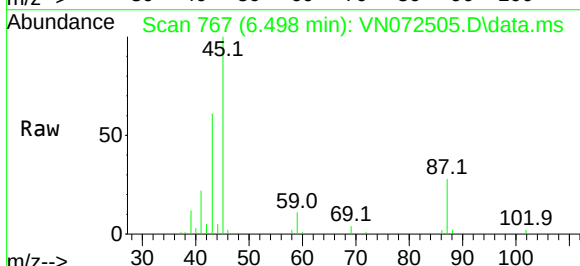
Ion Ratio Lower Upper

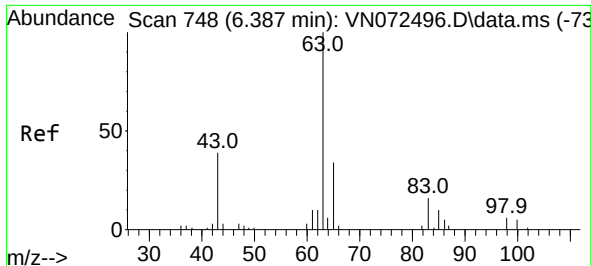
45 100

43 55.6 51.0 76.4

87 26.9 25.0 37.4

59 10.4 8.7 13.1





#21

1,1-Dichloroethane

Concen: 18.443 ug/l

RT: 6.381 min Scan# 748

Delta R.T. -0.006 min

Lab File: VN072505.D

Acq: 16 May 2022 16:56

Instrument :

MSVOA\_N

ClientSampleId :

VN0516WBS01

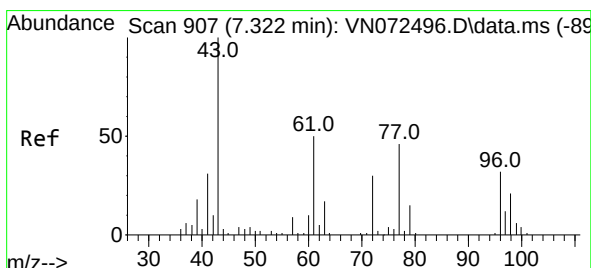
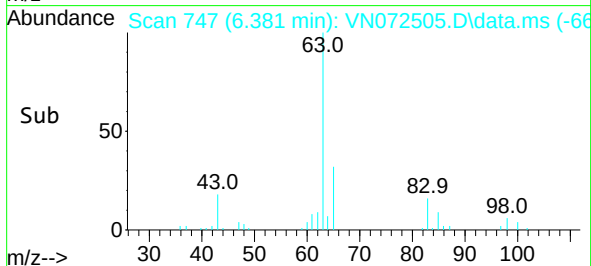
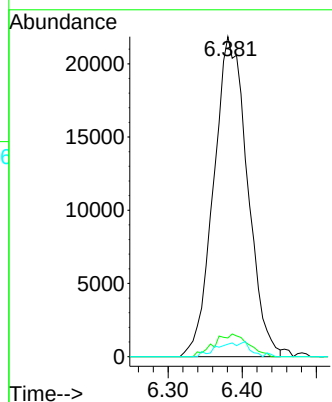
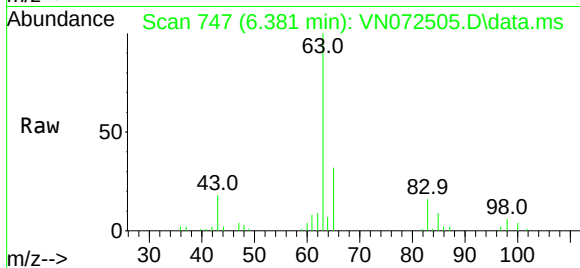
Tgt Ion: 63 Resp: 69134

Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

100 3.9 2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 19.216 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072505.D

Acq: 16 May 2022 16:56

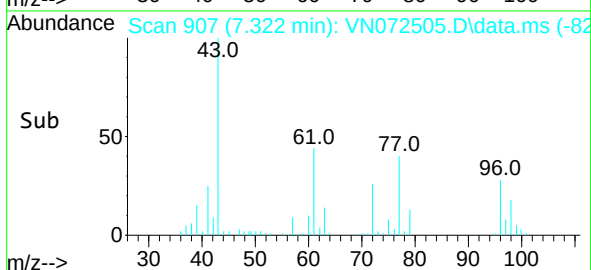
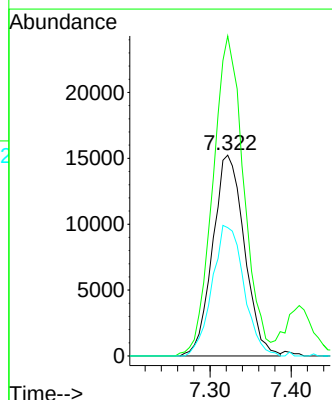
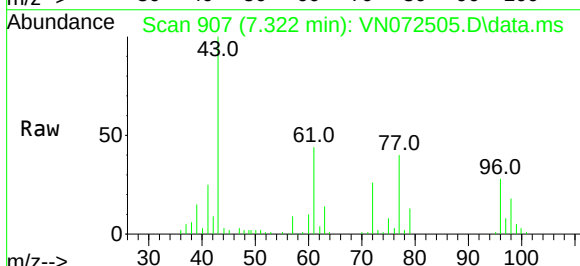
Tgt Ion: 96 Resp: 41394

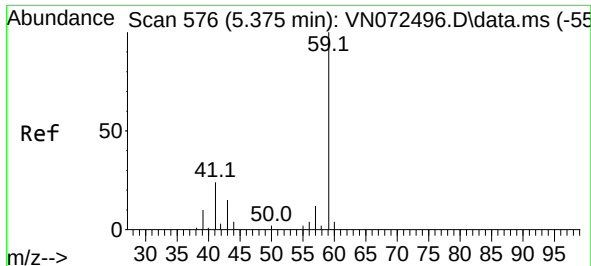
Ion Ratio Lower Upper

96 100

61 155.7 115.7 173.5

98 65.0 51.6 77.4

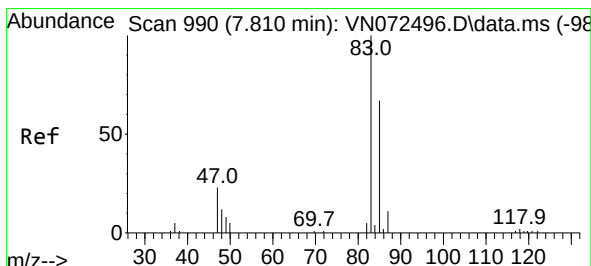
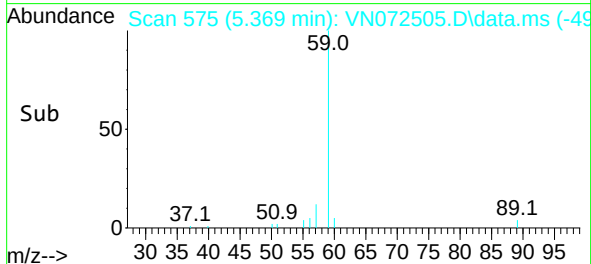
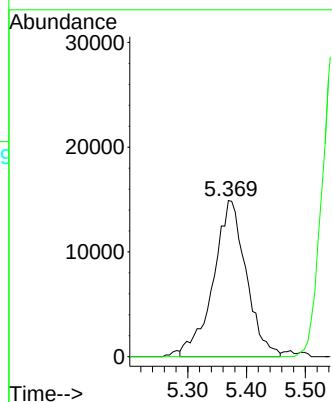
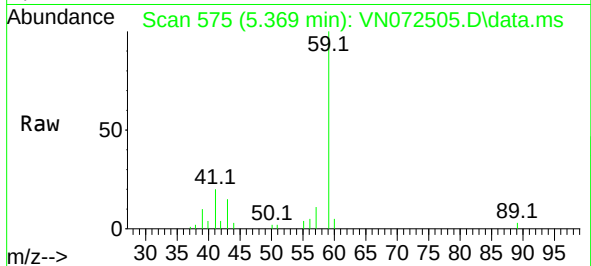




#23  
tert-Butyl Alcohol  
Concen: 115.485 ug/l  
RT: 5.369 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

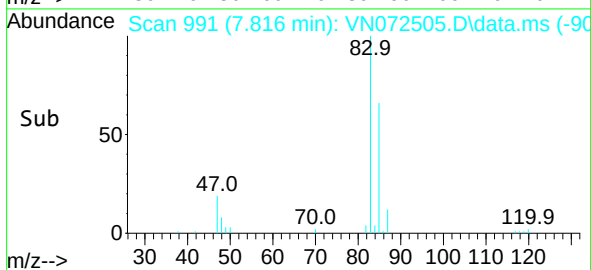
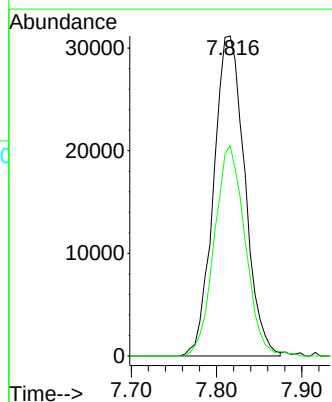
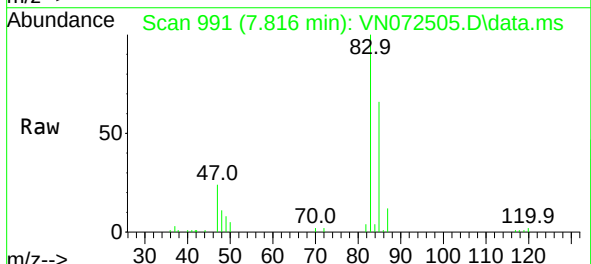
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

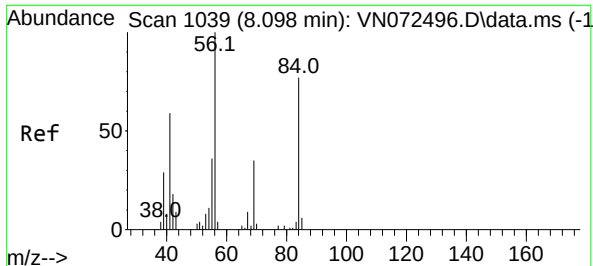
Tgt Ion: 59 Resp: 57755  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0



#25  
Chloroform  
Concen: 19.590 ug/l  
RT: 7.816 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion: 83 Resp: 79203  
Ion Ratio Lower Upper  
83 100  
85 65.7 51.3 76.9

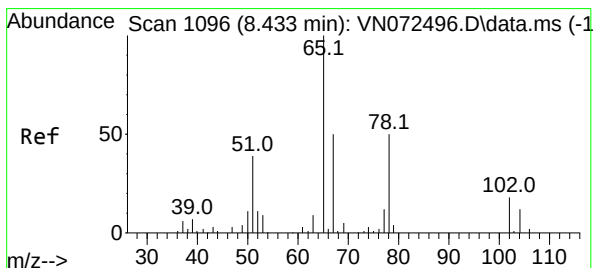
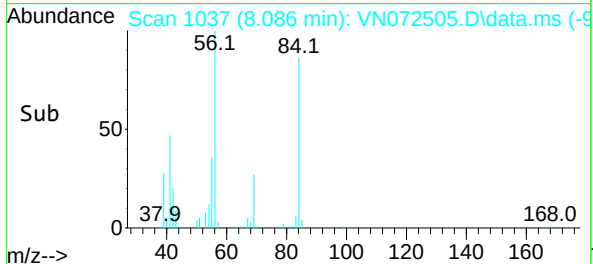
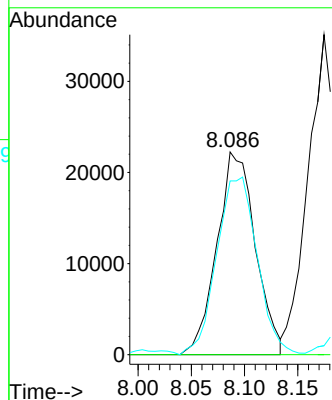
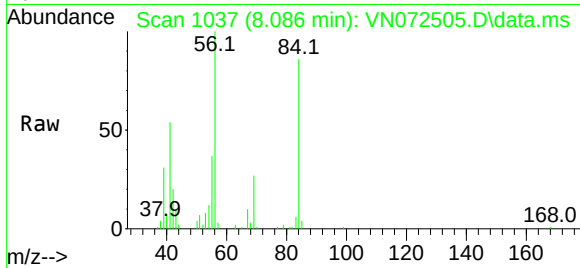




#26  
Cyclohexane  
Concen: 18.329 ug/l  
RT: 8.086 min Scan# 1037  
Delta R.T. -0.012 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

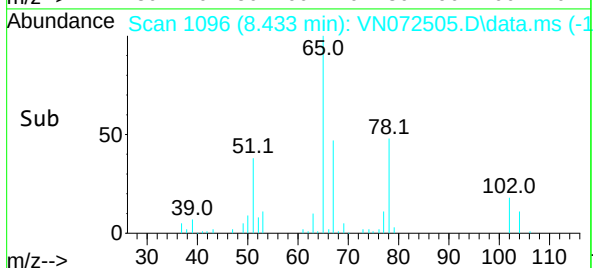
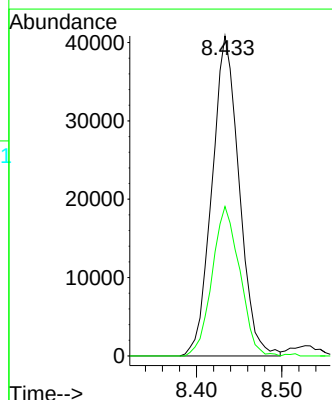
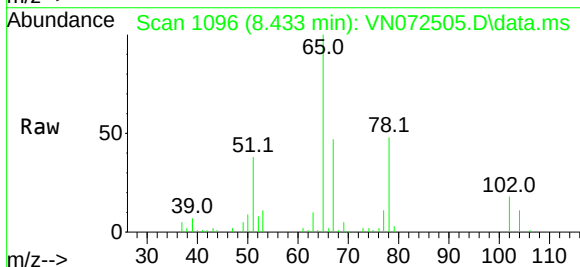
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

Tgt Ion: 56 Resp: 55759  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.1 0.1#  
84 92.4 74.6 111.8

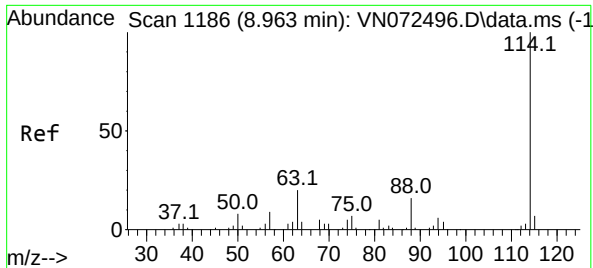


#27  
1,2-Dichloroethane-d4  
Concen: 30.548 ug/l  
RT: 8.433 min Scan# 1096  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion: 65 Resp: 90339  
Ion Ratio Lower Upper  
65 100  
67 47.2 40.2 60.2







#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072505.D

Acq: 16 May 2022 16:56

Instrument :

MSVOA\_N

ClientSampleId :

VN0516WBS01

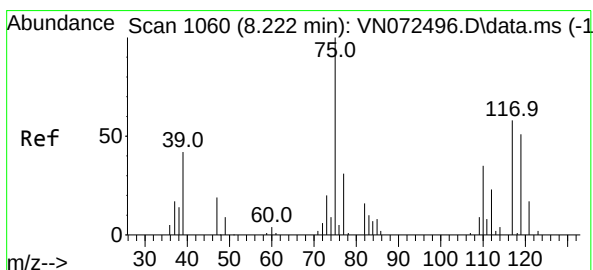
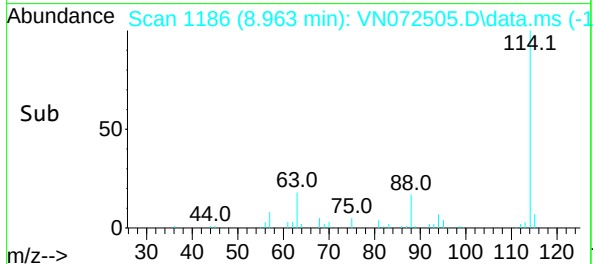
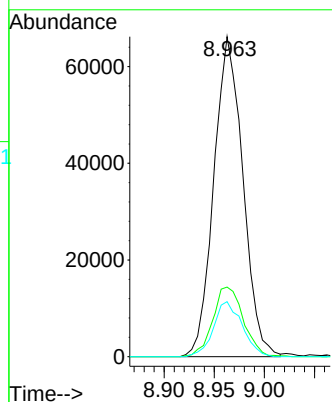
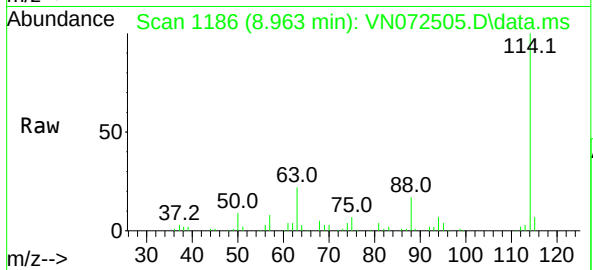
Tgt Ion:114 Resp: 133427

Ion Ratio Lower Upper

114 100

63 23.0 15.8 23.6

88 17.0 11.6 17.4



#29

1,1-Dichloropropene

Concen: 19.268 ug/l

RT: 8.222 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN072505.D

Acq: 16 May 2022 16:56

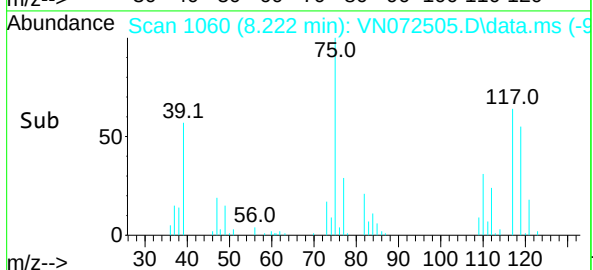
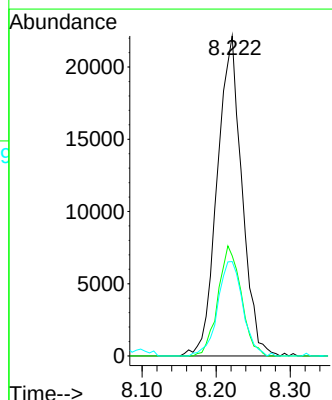
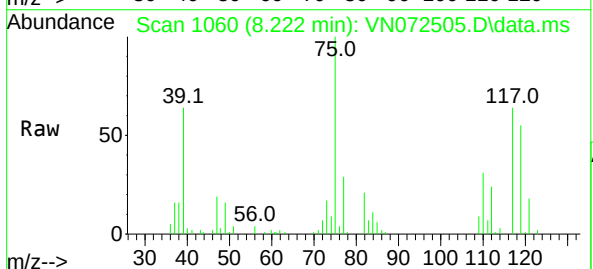
Tgt Ion: 75 Resp: 51201

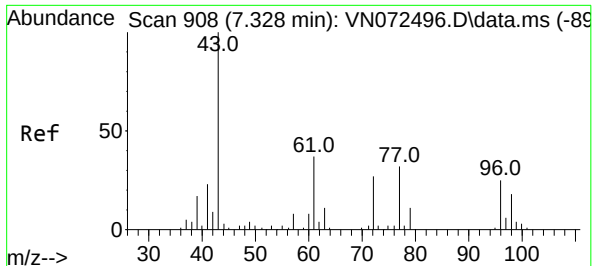
Ion Ratio Lower Upper

75 100

110 32.3 0.0 74.2

77 29.9 0.0 63.2





#30

2-Butanone

Concen: 109.894 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072505.D

Acq: 16 May 2022 16:56

Instrument :

MSVOA\_N

ClientSampleId :

VN0516WBS01

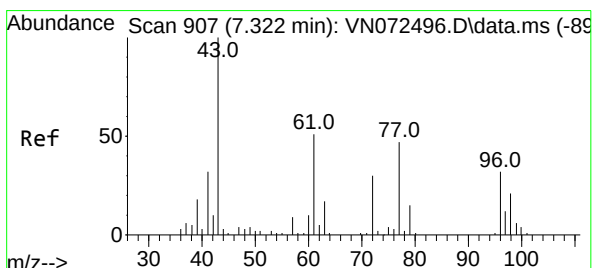
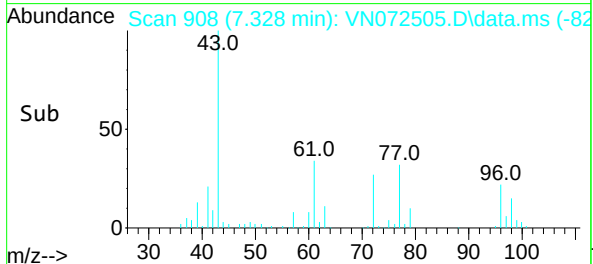
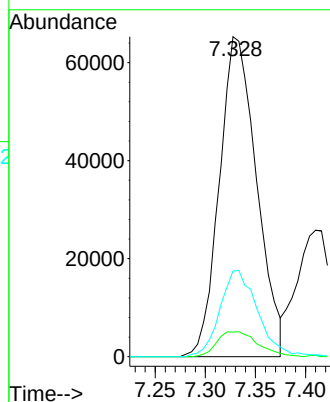
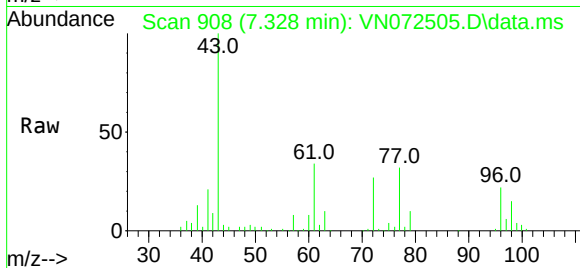
Tgt Ion: 43 Resp: 169015

Ion Ratio Lower Upper

43 100

57 8.6 6.7 10.1

72 26.9 23.2 34.8



#31

2,2-Dichloropropane

Concen: 19.163 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072505.D

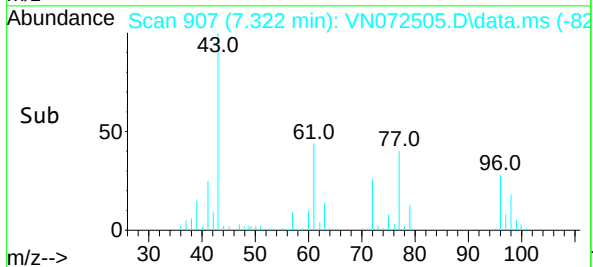
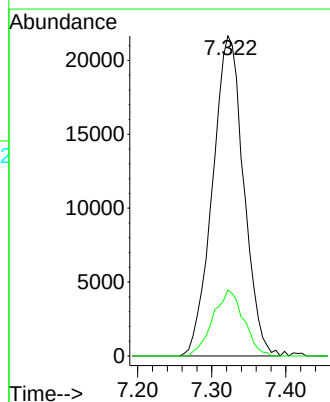
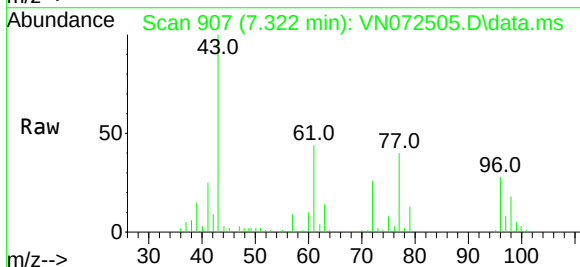
Acq: 16 May 2022 16:56

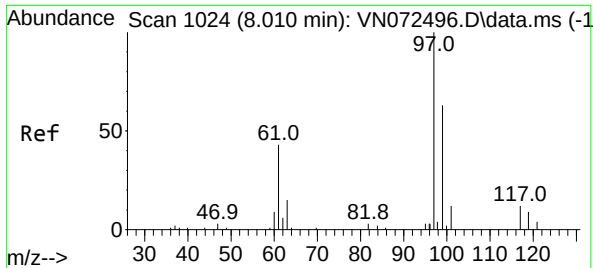
Tgt Ion: 77 Resp: 63177

Ion Ratio Lower Upper

77 100

97 20.4 18.3 27.5





#32

1,1,1-Trichloroethane

Concen: 19.047 ug/l

RT: 8.016 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN072505.D

Acq: 16 May 2022 16:56

Instrument :

MSVOA\_N

ClientSampleId :

VN0516WBS01

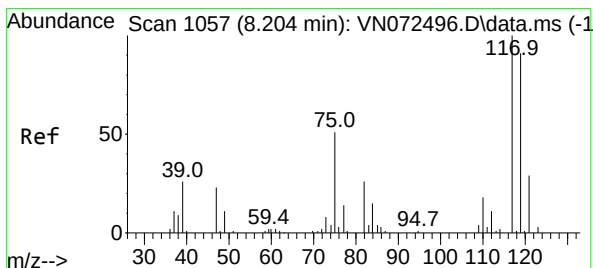
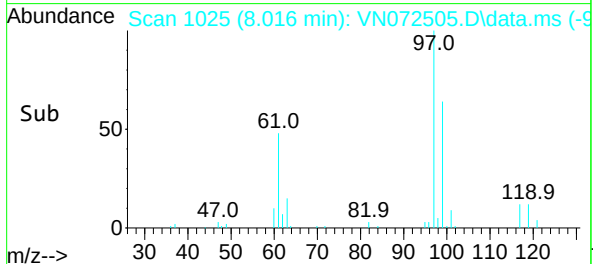
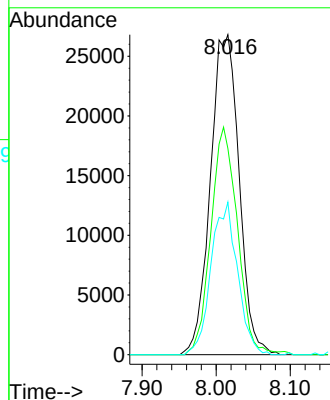
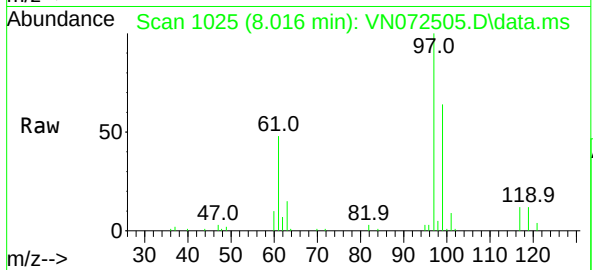
Tgt Ion: 97 Resp: 72194

Ion Ratio Lower Upper

97 100

99 65.6 50.4 75.6

61 44.0 34.6 51.8



#33

Carbon Tetrachloride

Concen: 19.707 ug/l

RT: 8.204 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN072505.D

Acq: 16 May 2022 16:56

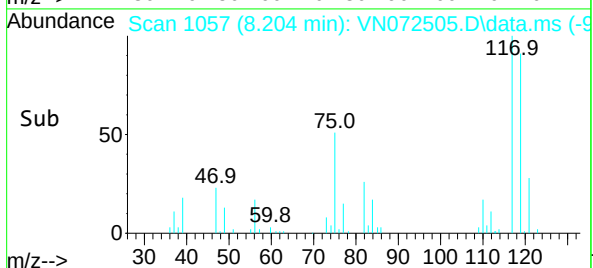
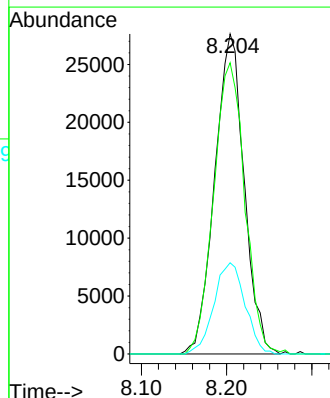
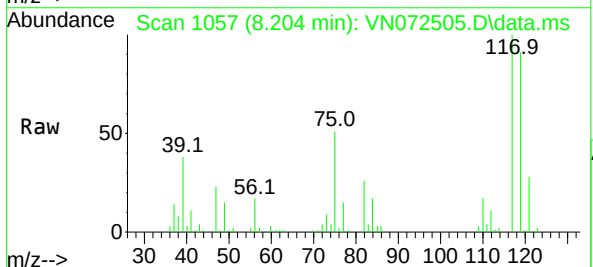
Tgt Ion: 117 Resp: 66379

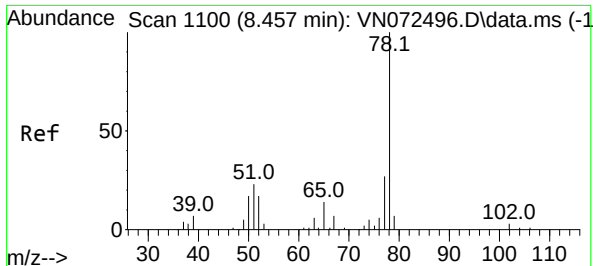
Ion Ratio Lower Upper

117 100

119 91.0 77.5 116.3

121 28.5 23.5 35.3

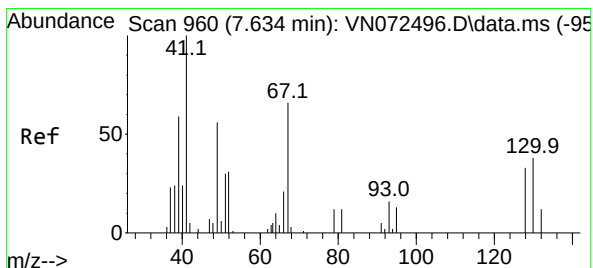
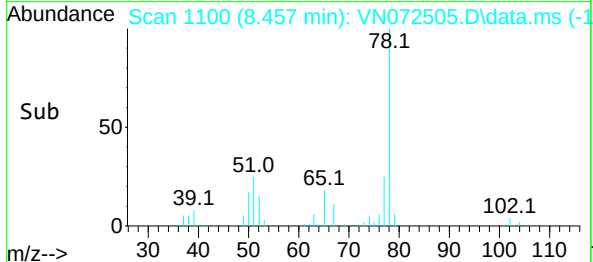
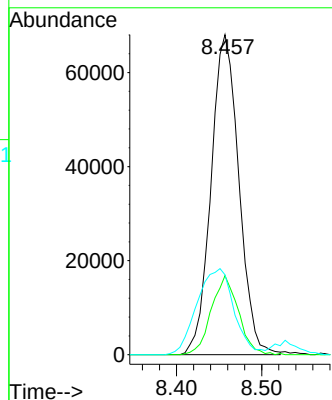
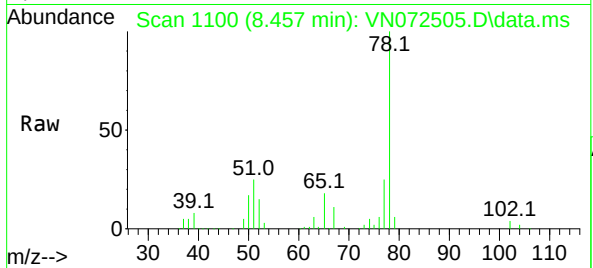




#34  
Benzene  
Concen: 20.480 ug/l  
RT: 8.457 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

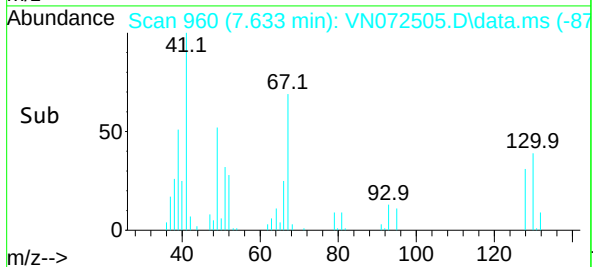
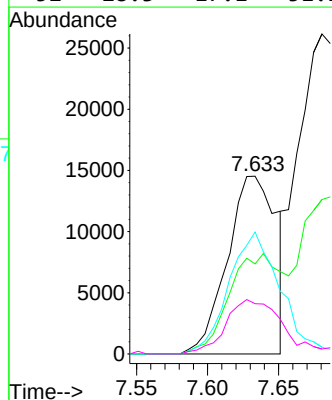
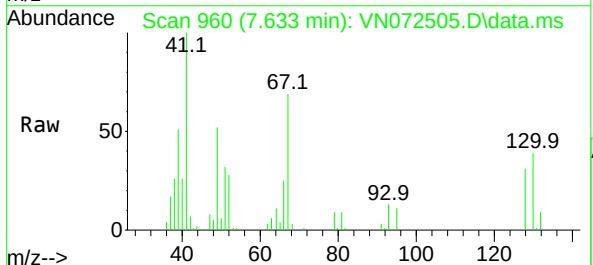
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

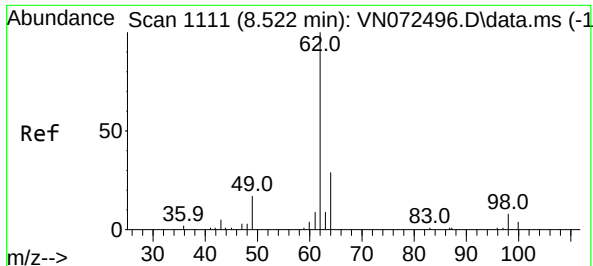
Tgt Ion: 78 Resp: 154638  
Ion Ratio Lower Upper  
78 100  
77 24.7 19.1 28.7  
51 22.7 16.0 24.0



#35  
Methacrylonitrile  
Concen: 21.462 ug/l  
RT: 7.633 min Scan# 960  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion: 41 Resp: 34899  
Ion Ratio Lower Upper  
41 100  
39 50.7 28.0 83.9  
67 68.6 37.7 113.1  
52 28.3 17.1 51.2





#36

1,2-Dichloroethane

Concen: 20.583 ug/l

RT: 8.522 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN072505.D

Acq: 16 May 2022 16:56

Instrument :

MSVOA\_N

ClientSampleId :

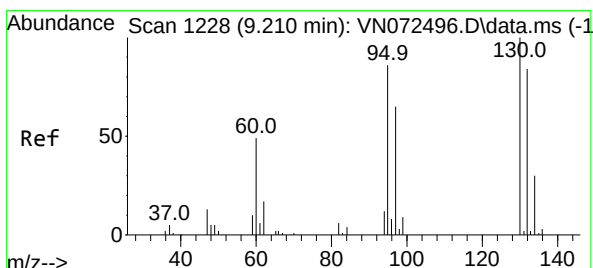
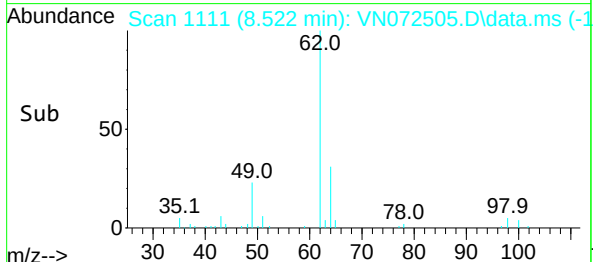
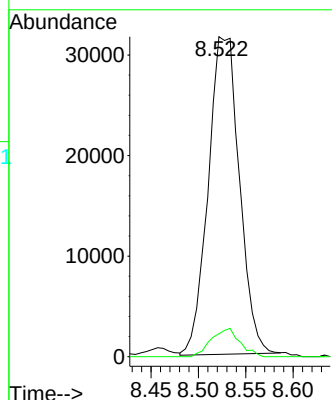
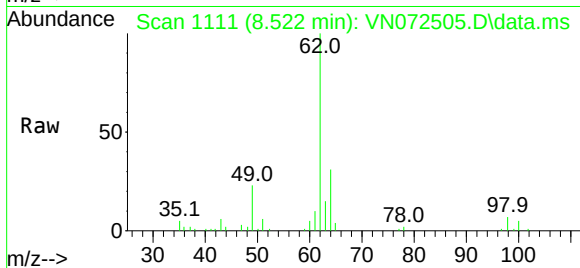
VN0516WBS01

Tgt Ion: 62 Resp: 72379

Ion Ratio Lower Upper

62 100

98 8.1 6.6 10.0



#37

Trichloroethene

Concen: 19.462 ug/l

RT: 9.210 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VN072505.D

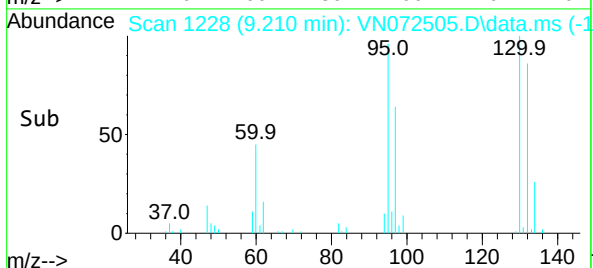
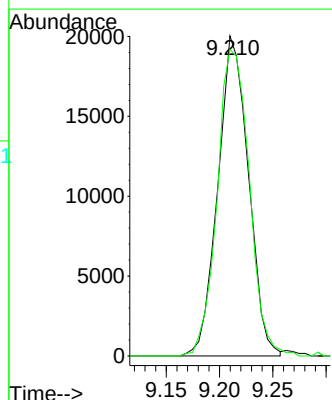
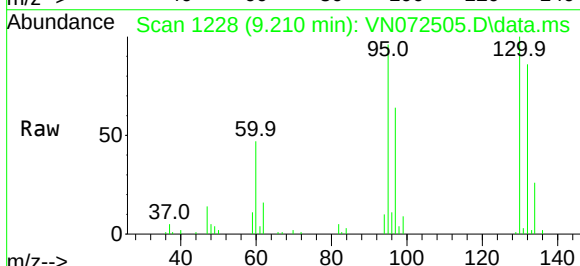
Acq: 16 May 2022 16:56

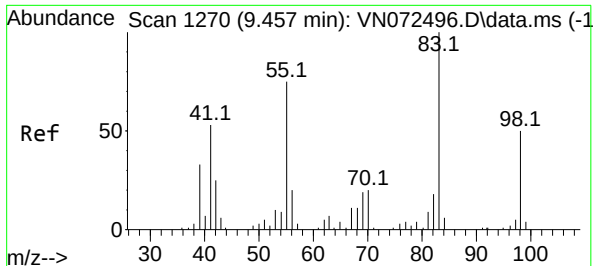
Tgt Ion:130 Resp: 39868

Ion Ratio Lower Upper

130 100

95 95.8 76.6 115.0





#38

Methylcyclohexane

Concen: 18.042 ug/l

RT: 9.457 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN072505.D

Acq: 16 May 2022 16:56

Instrument :

MSVOA\_N

ClientSampleId :

VN0516WBS01

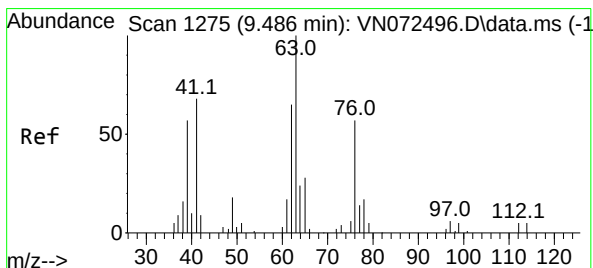
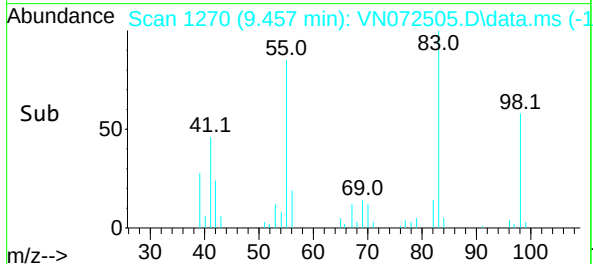
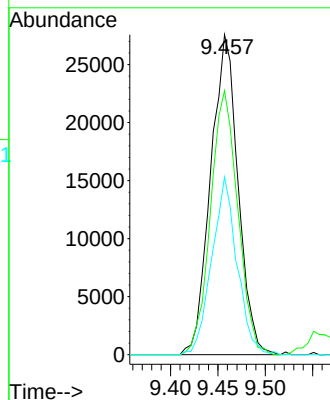
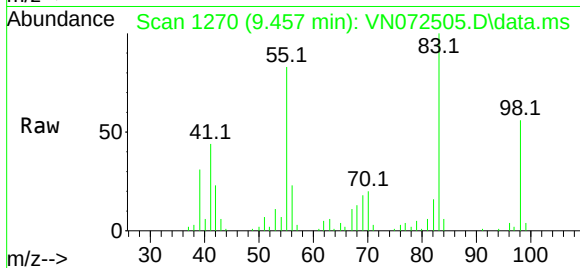
Tgt Ion: 83 Resp: 55428

Ion Ratio Lower Upper

83 100

55 82.2 35.1 105.3

98 51.1 23.4 70.2



#39

1,2-Dichloropropane

Concen: 19.894 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VN072505.D

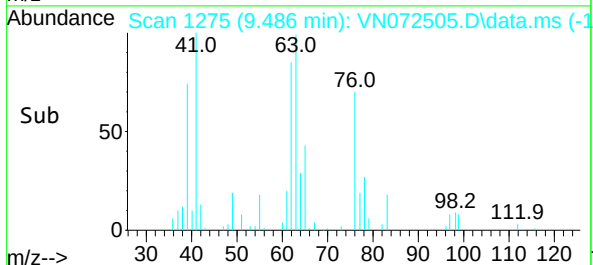
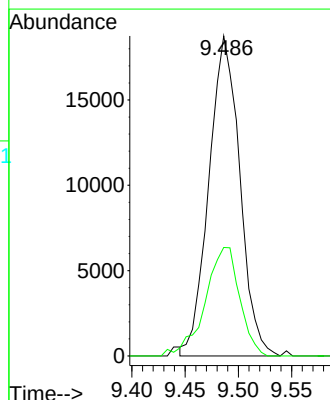
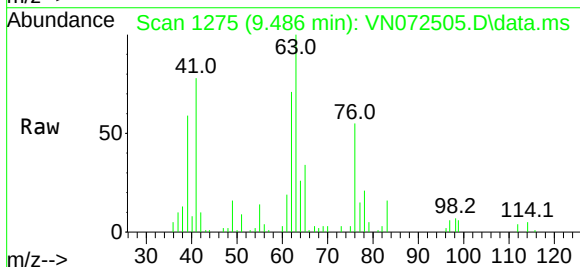
Acq: 16 May 2022 16:56

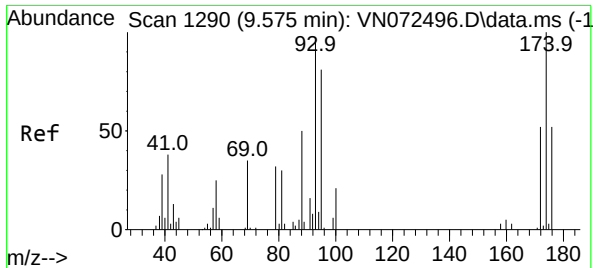
Tgt Ion: 63 Resp: 37838

Ion Ratio Lower Upper

63 100

65 33.9 24.2 36.4

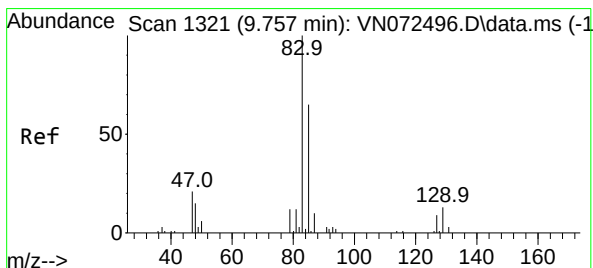
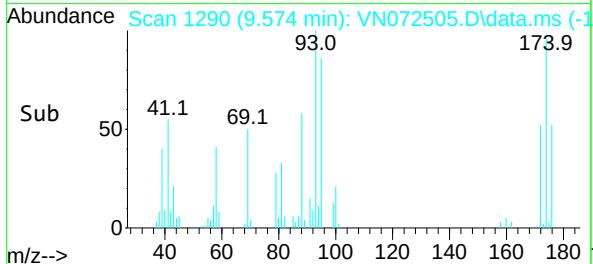
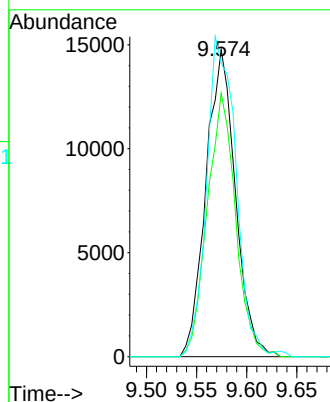
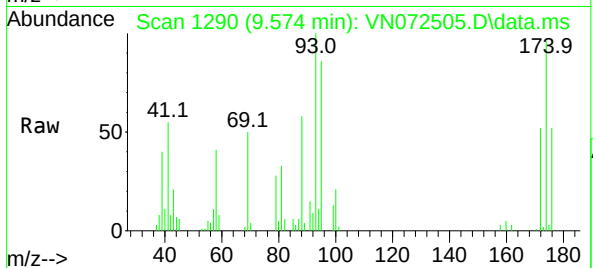




#40  
Dibromomethane  
Concen: 20.562 ug/l  
RT: 9.574 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

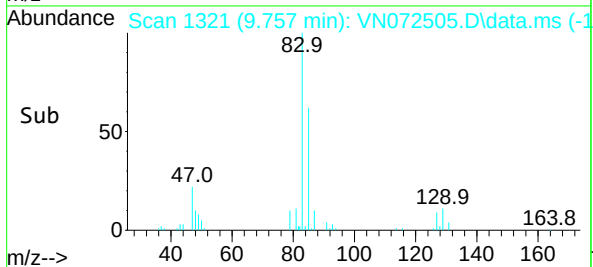
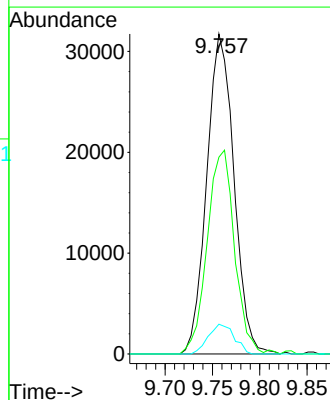
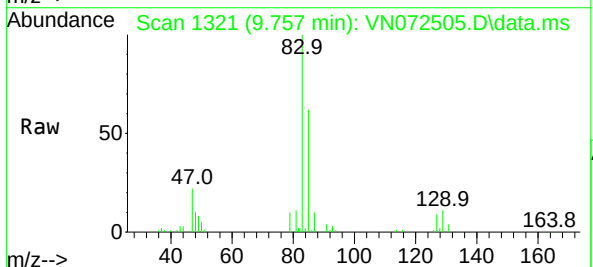
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

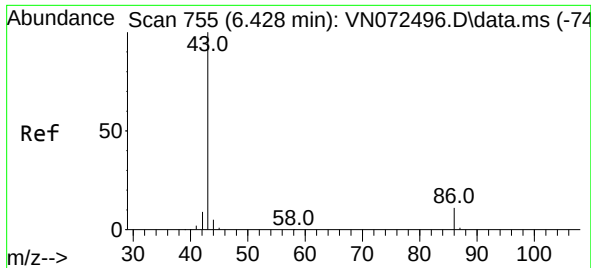
Tgt Ion: 93 Resp: 30190  
Ion Ratio Lower Upper  
93 100  
95 82.2 0.0 168.8  
174 103.0 0.0 173.6



#41  
Bromodichloromethane  
Concen: 20.410 ug/l  
RT: 9.757 min Scan# 1321  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion: 83 Resp: 63487  
Ion Ratio Lower Upper  
83 100  
85 61.5 54.1 81.1  
127 9.3 7.6 11.4

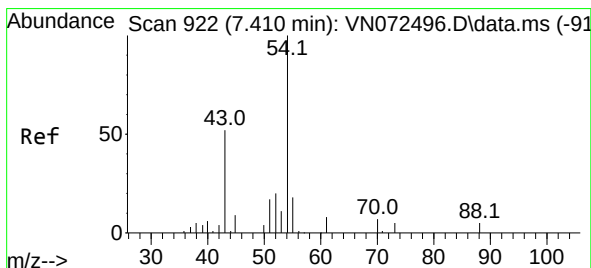
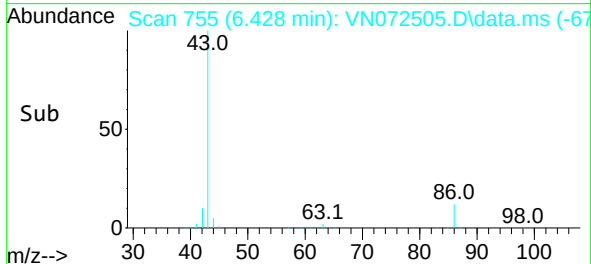
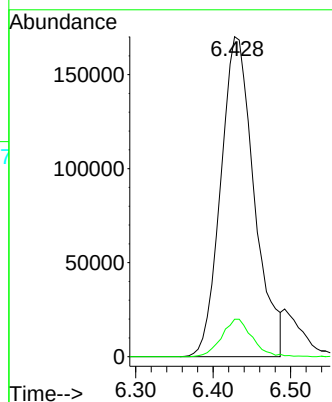
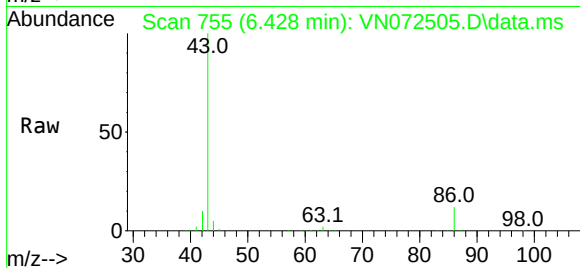




#42  
 Vinyl Acetate  
 Concen: 99.056 ug/l  
 RT: 6.428 min Scan# 755  
 Delta R.T. -0.000 min  
 Lab File: VN072505.D  
 Acq: 16 May 2022 16:56

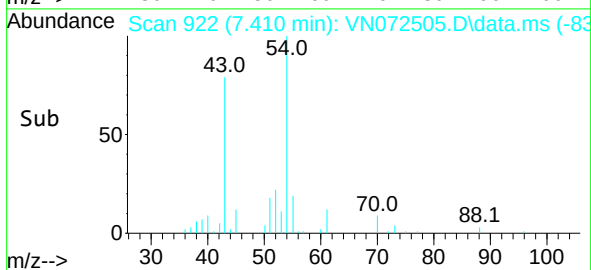
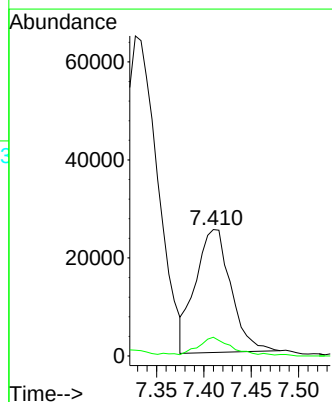
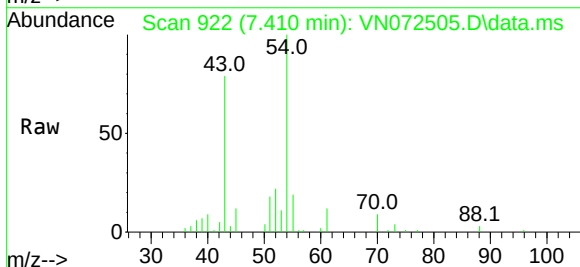
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0516WBS01

Tgt Ion: 43 Resp: 512769  
 Ion Ratio Lower Upper  
 43 100  
 86 10.6 7.5 11.3

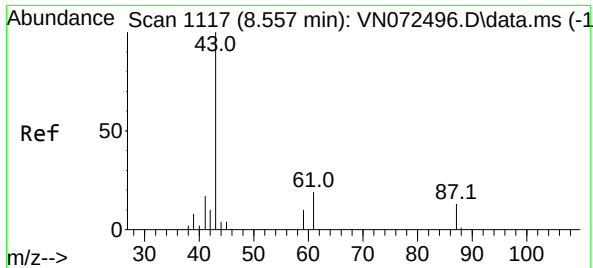


#43  
 Ethyl Acetate  
 Concen: 21.706 ug/l  
 RT: 7.410 min Scan# 922  
 Delta R.T. -0.000 min  
 Lab File: VN072505.D  
 Acq: 16 May 2022 16:56

Tgt Ion: 43 Resp: 65193  
 Ion Ratio Lower Upper  
 43 100  
 45 12.6 10.6 16.0



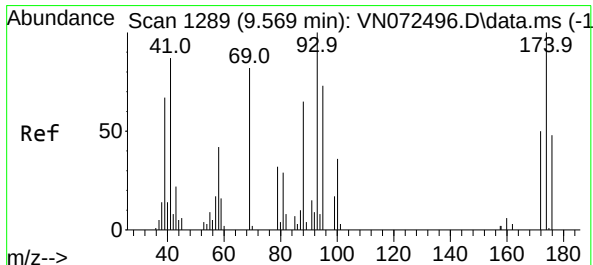
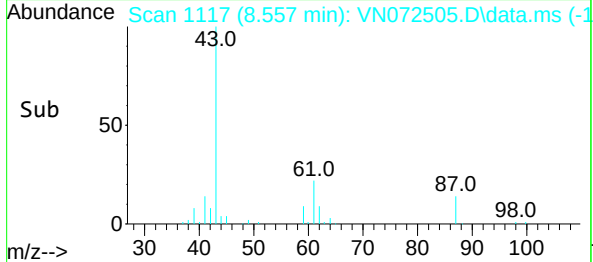
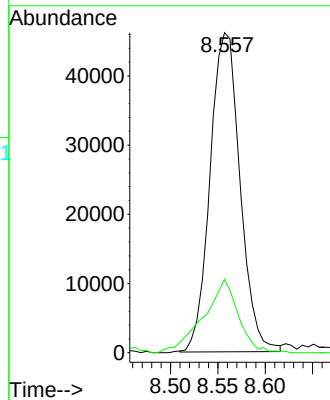
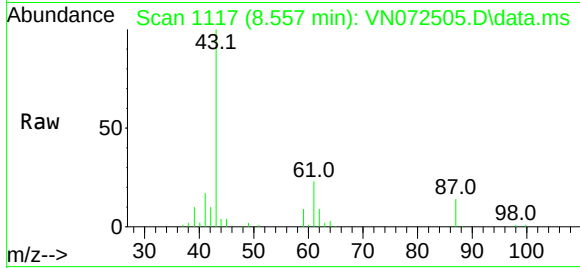




#44  
Isopropyl Acetate  
Concen: 21.173 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

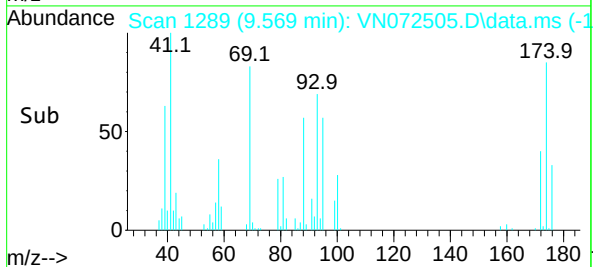
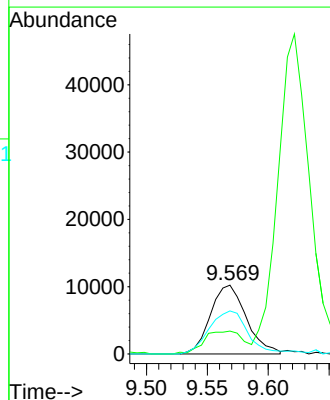
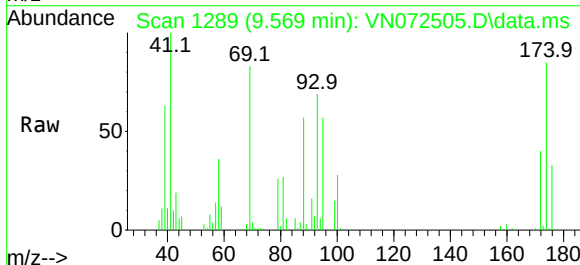
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

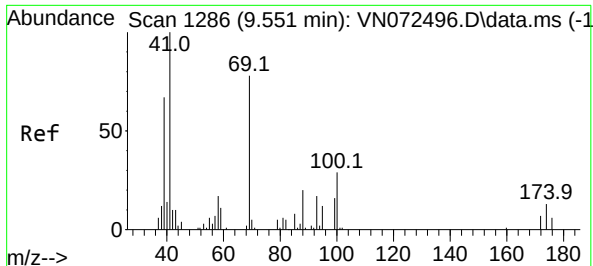
Tgt Ion: 43 Resp: 101798  
Ion Ratio Lower Upper  
43 100  
61 26.5 20.1 30.1



#45  
1,4-Dioxane  
Concen: 458.196 ug/l  
RT: 9.569 min Scan# 1289  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion: 88 Resp: 20982  
Ion Ratio Lower Upper  
88 100  
43 16.0 25.0 37.6#  
58 67.2 49.4 74.2

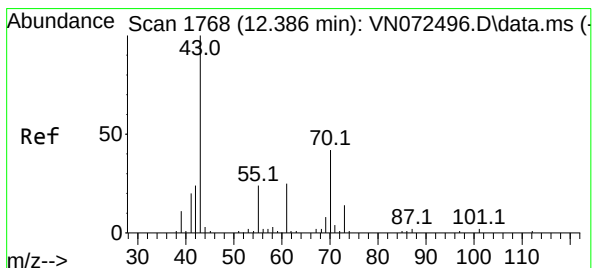
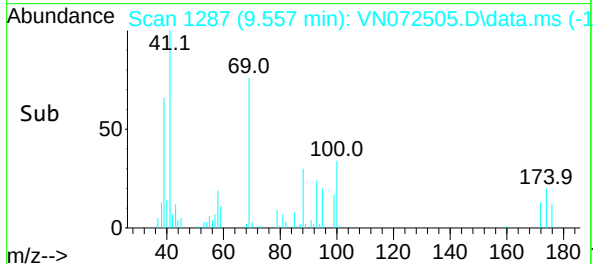
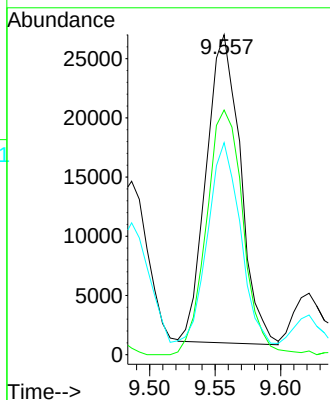
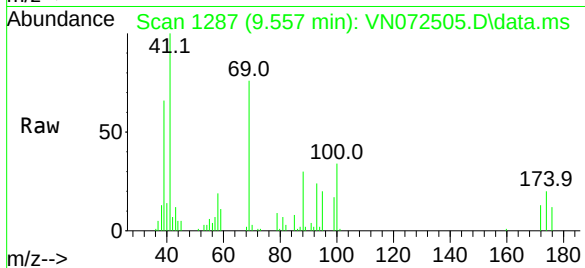




#46  
Methyl methacrylate  
Concen: 20.734 ug/l  
RT: 9.557 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

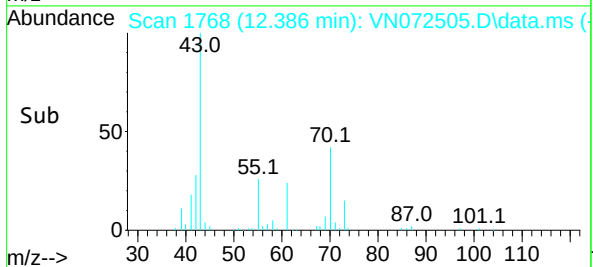
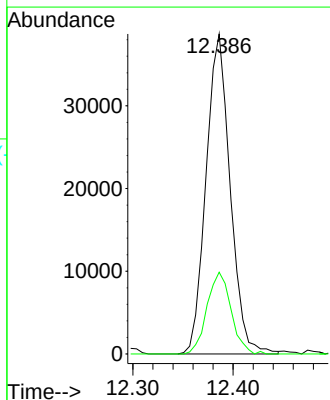
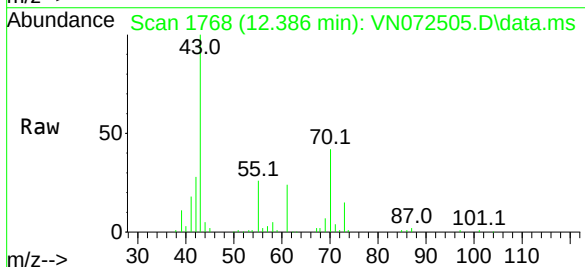
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

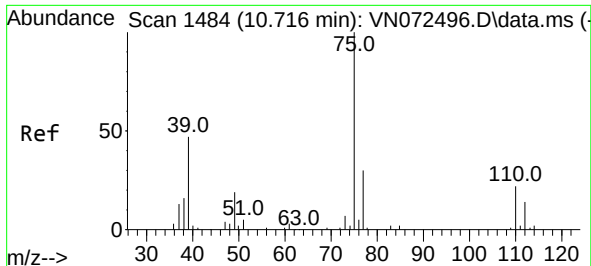
Tgt Ion: 41 Resp: 47169  
Ion Ratio Lower Upper  
41 100  
69 78.9 44.4 133.2  
39 65.5 39.9 119.6



#47  
n-amy1 Acetate  
Concen: 20.100 ug/l  
RT: 12.386 min Scan# 1768  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion: 43 Resp: 64691  
Ion Ratio Lower Upper  
43 100  
55 25.3 19.0 28.6

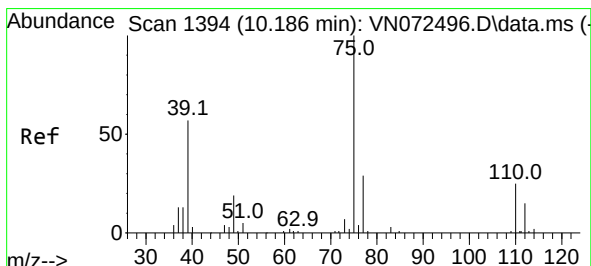
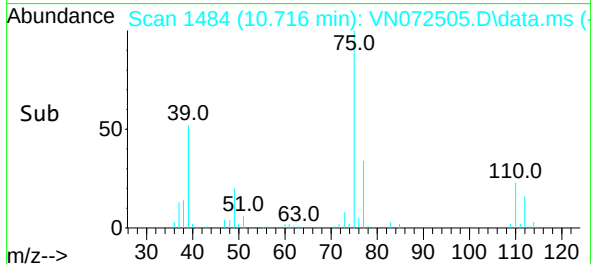
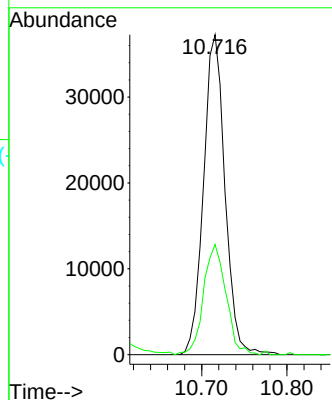
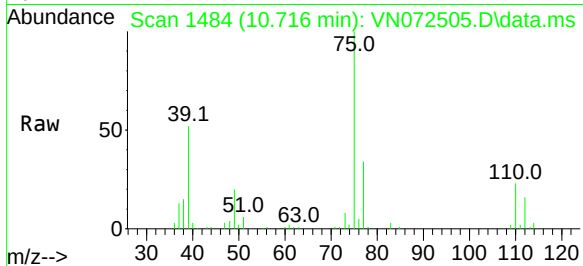




#48  
 t-1,3-Dichloropropene  
 Concen: 19.849 ug/l  
 RT: 10.716 min Scan# 1484  
 Delta R.T. -0.000 min  
 Lab File: VN072505.D  
 Acq: 16 May 2022 16:56

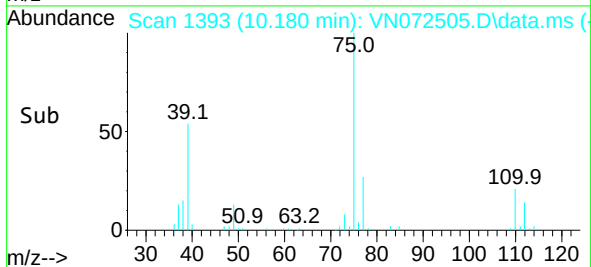
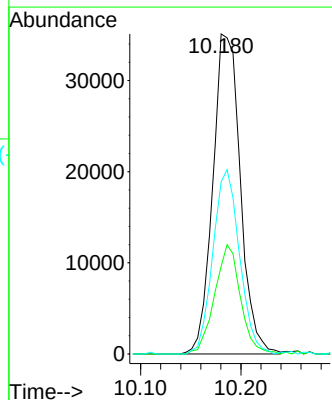
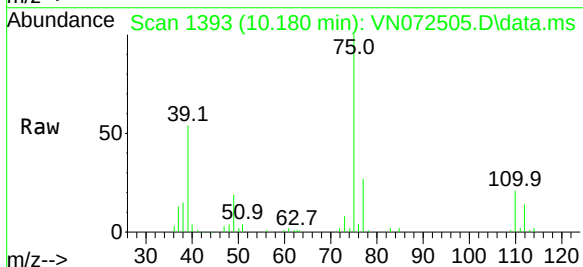
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0516WBS01

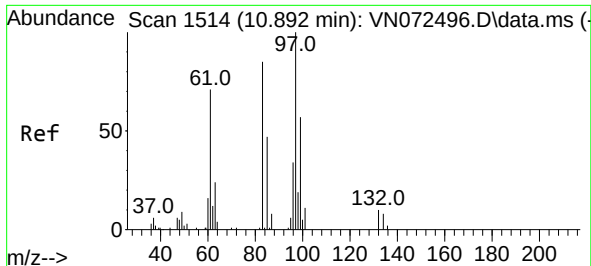
Tgt Ion: 75 Resp: 65182  
 Ion Ratio Lower Upper  
 75 100  
 77 34.5 25.3 37.9



#49  
 cis-1,3-Dichloropropene  
 Concen: 20.243 ug/l  
 RT: 10.180 min Scan# 1393  
 Delta R.T. -0.006 min  
 Lab File: VN072505.D  
 Acq: 16 May 2022 16:56

Tgt Ion: 75 Resp: 66999  
 Ion Ratio Lower Upper  
 75 100  
 77 27.4 25.3 37.9  
 39 53.8 46.2 69.4

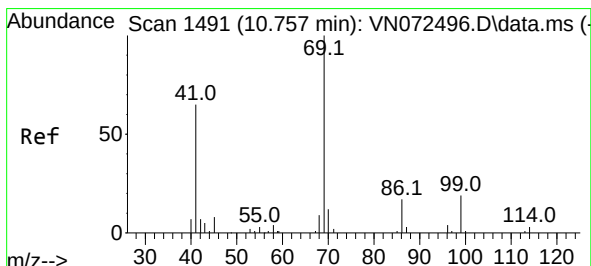
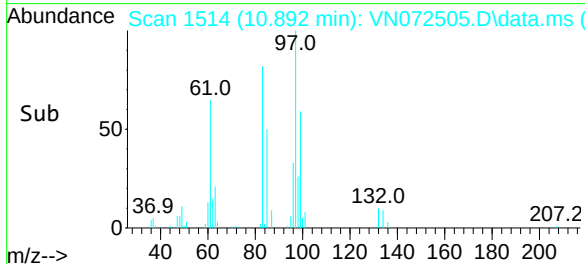
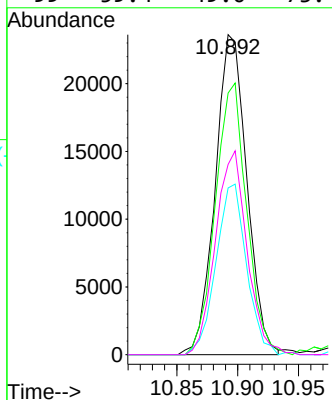
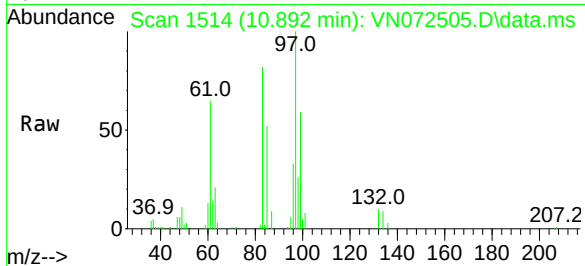




#50  
1,1,2-Trichloroethane  
Concen: 21.059 ug/l  
RT: 10.892 min Scan# 1514  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

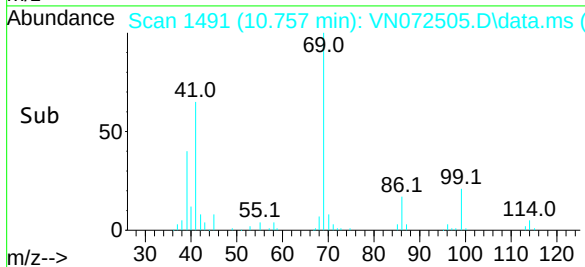
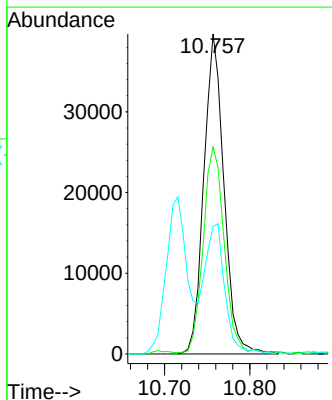
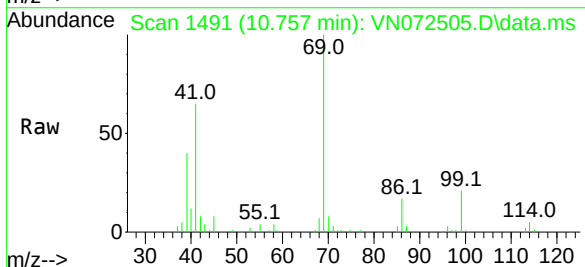
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

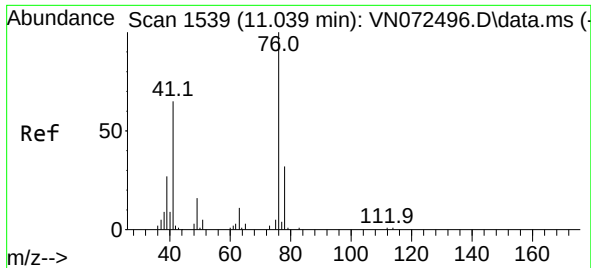
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 42647 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 81.7     | 67.2 100.8  |
| 85 52.1     | 43.0 64.4   |
| 99 59.4     | 49.0 73.4   |



#51  
Ethyl methacrylate  
Concen: 20.621 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 65119 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 64.2     | 33.0 98.9   |
| 39 39.0     | 25.4 76.4   |

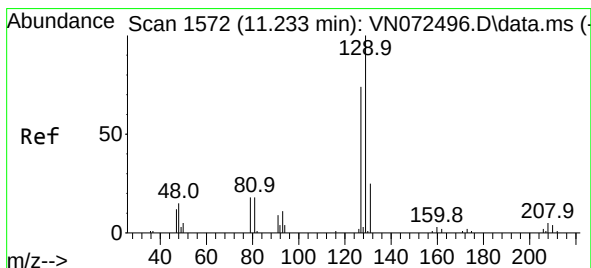
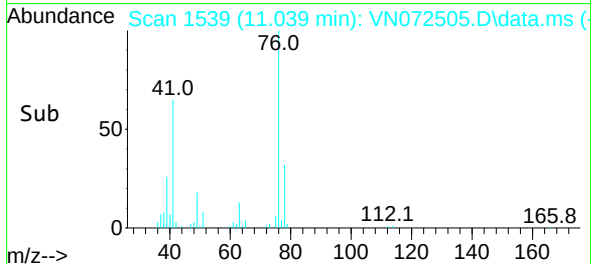
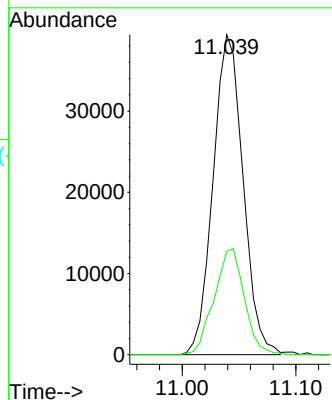
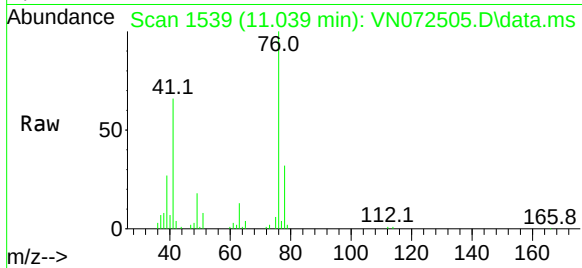




#52  
1,3-Dichloropropane  
Concen: 20.638 ug/l  
RT: 11.039 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

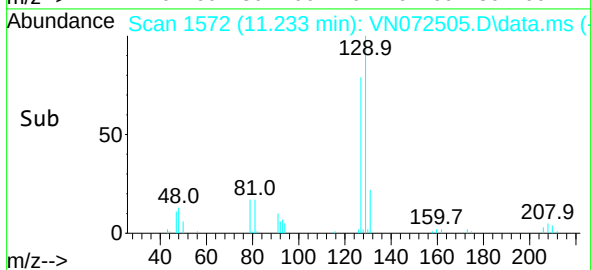
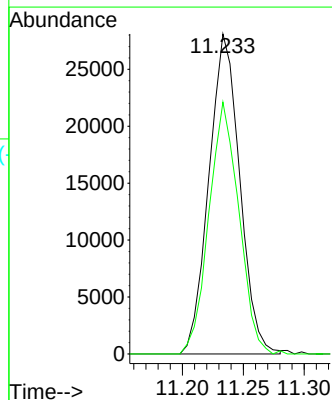
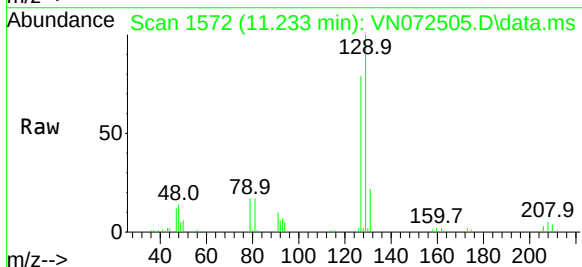
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

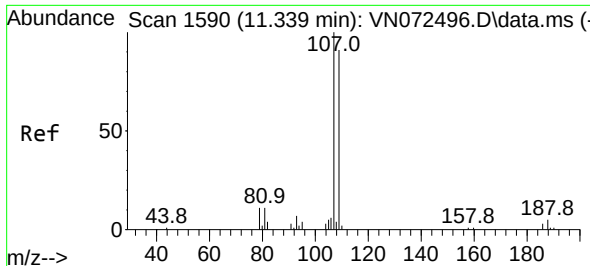
Tgt Ion: 76 Resp: 72211  
Ion Ratio Lower Upper  
76 100  
78 33.3 0.0 65.4



#53  
Dibromochloromethane  
Concen: 20.250 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion: 129 Resp: 49515  
Ion Ratio Lower Upper  
129 100  
127 76.4 39.0 117.0

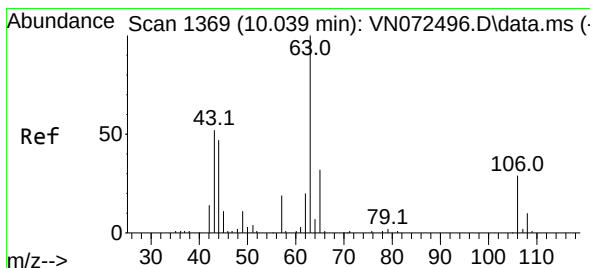
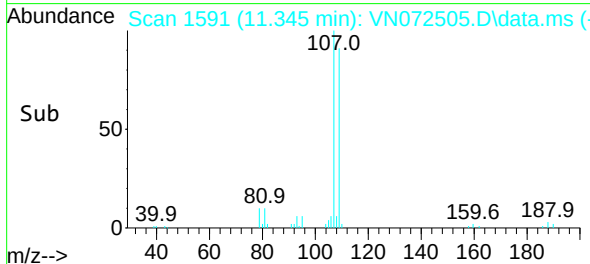
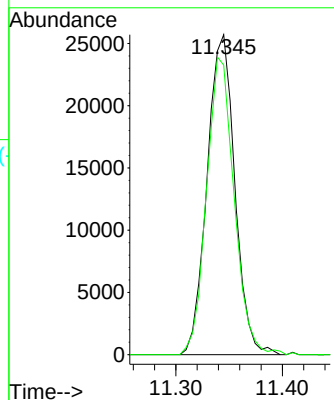
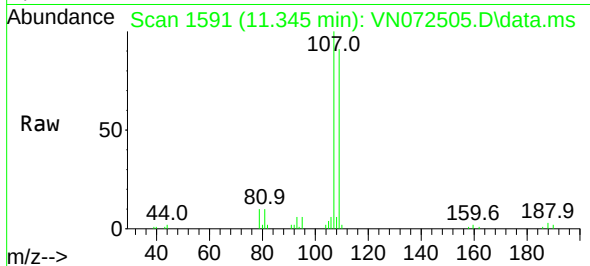




#54  
1,2-Dibromoethane  
Concen: 21.559 ug/l  
RT: 11.345 min Scan# 1590  
Delta R.T. 0.006 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

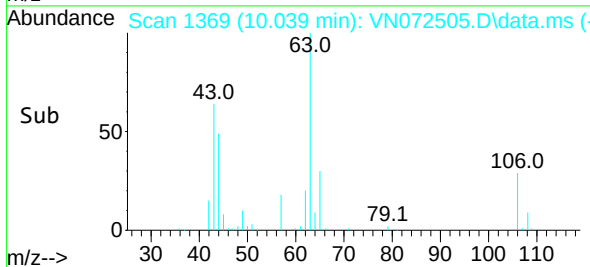
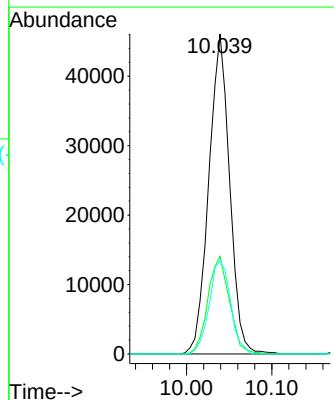
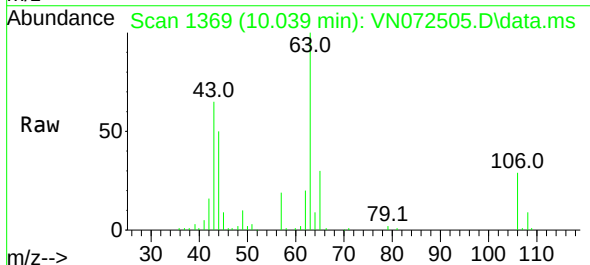
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

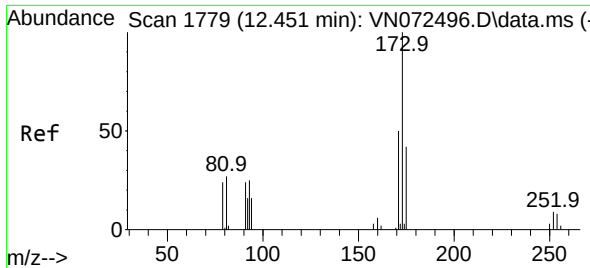
Tgt Ion:107 Resp: 46443  
Ion Ratio Lower Upper  
107 100  
109 92.1 72.8 109.2



#55  
2-Chloroethyl vinyl ether  
Concen: 97.631 ug/l  
RT: 10.039 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion: 63 Resp: 78228  
Ion Ratio Lower Upper  
63 100  
65 31.7 25.4 38.0  
106 29.9 23.2 34.8

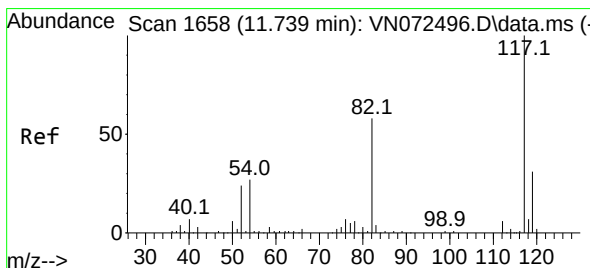
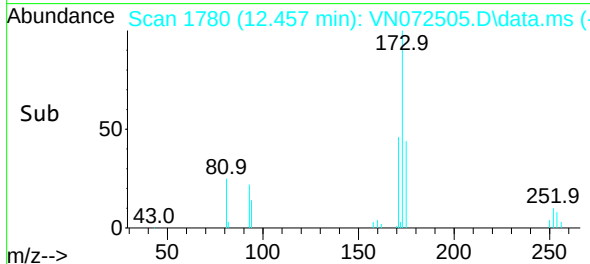
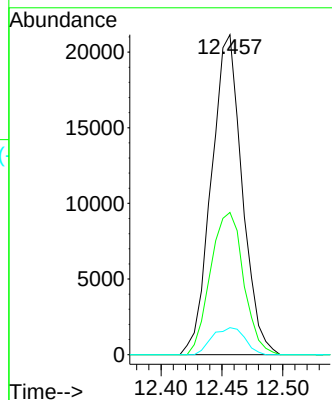
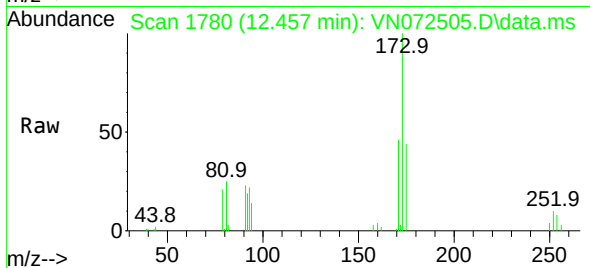




#56  
Bromoform  
Concen: 20.157 ug/l  
RT: 12.457 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

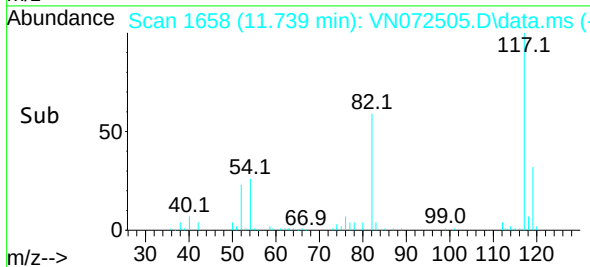
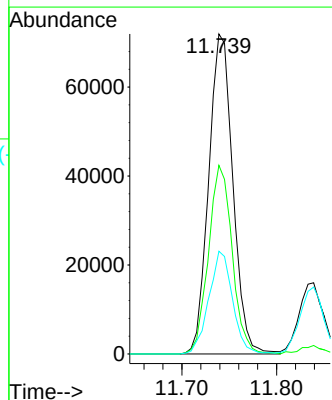
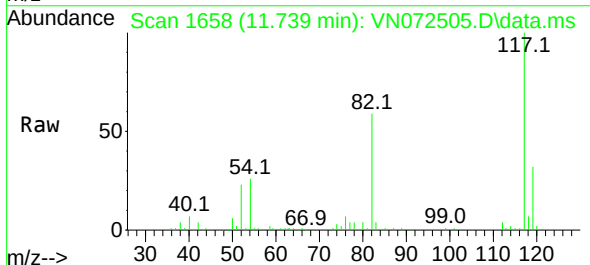
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

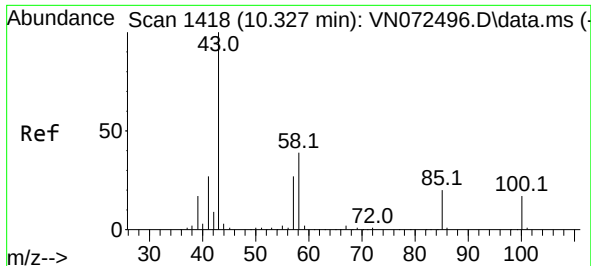
Tgt Ion:173 Resp: 37171  
Ion Ratio Lower Upper  
173 100  
175 47.8 38.6 58.0  
254 9.0 0.0 0.0#



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion:117 Resp: 127641  
Ion Ratio Lower Upper  
117 100  
82 57.9 43.6 65.4  
119 31.4 25.8 38.6

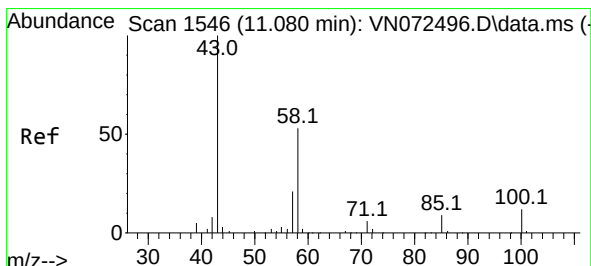
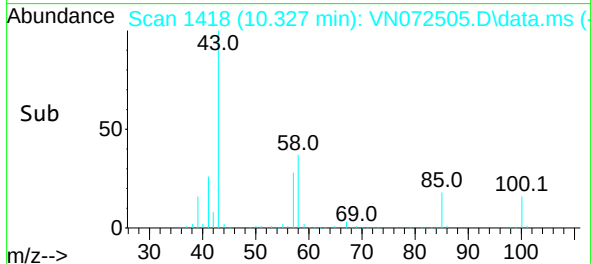
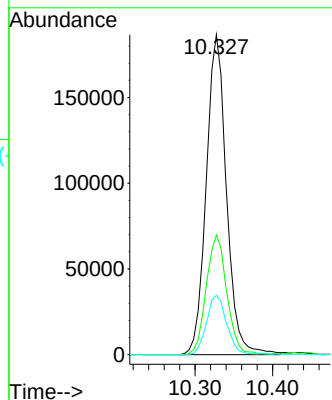
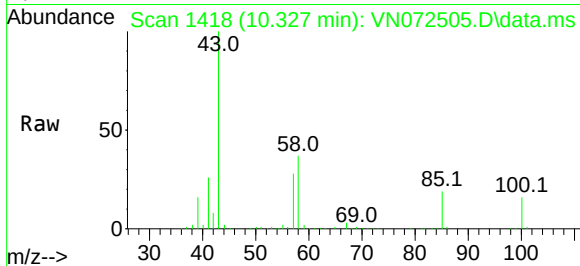




#58  
4-Methyl-2-Pentanone  
Concen: 112.590 ug/l  
RT: 10.327 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

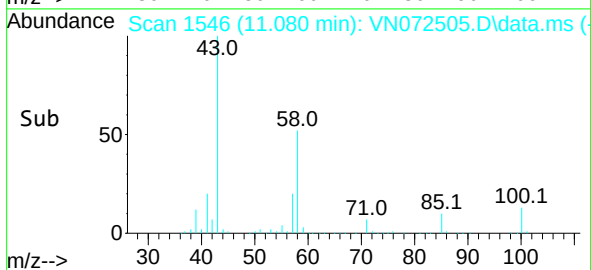
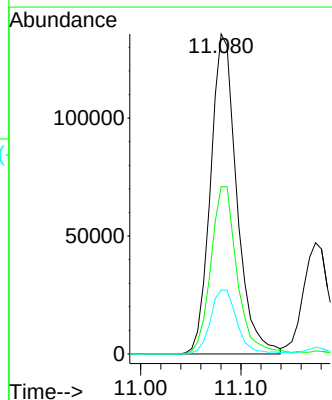
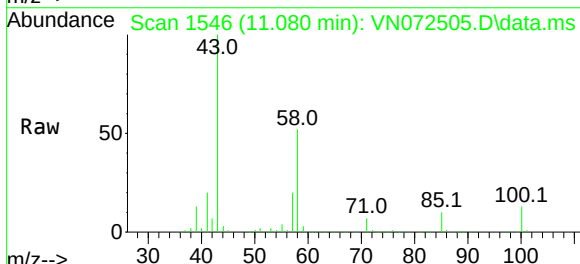
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

Tgt Ion: 43 Resp: 338633  
Ion Ratio Lower Upper  
43 100  
58 37.6 30.0 45.0  
85 18.6 15.0 22.6

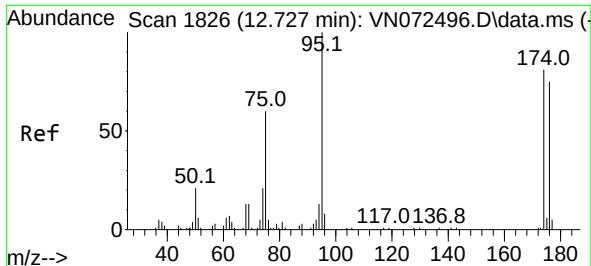


#59  
2-Hexanone  
Concen: 111.444 ug/l  
RT: 11.080 min Scan# 1546  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion: 43 Resp: 246238  
Ion Ratio Lower Upper  
43 100  
58 52.5 42.2 63.2  
57 20.4 15.0 22.4



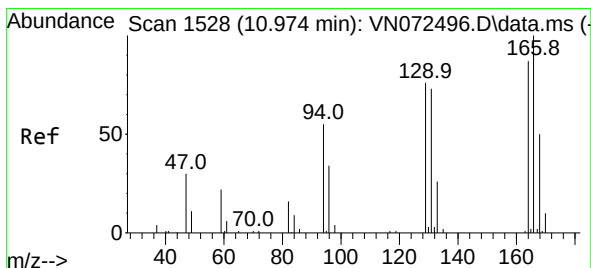
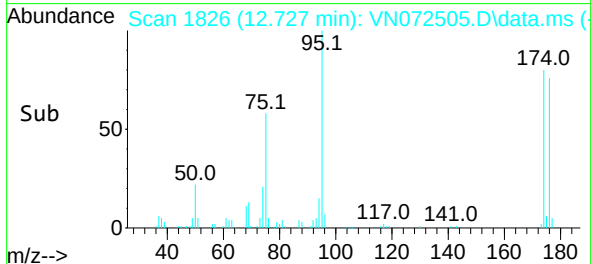
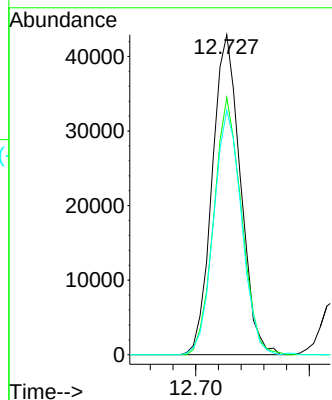
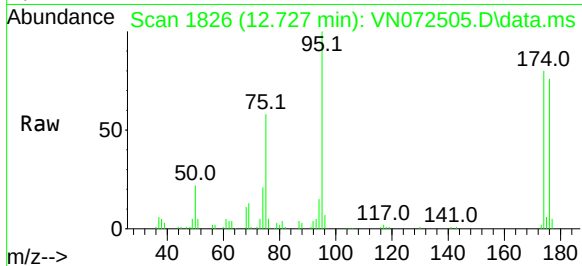




#60  
4-Bromofluorobenzene  
Concen: 29.672 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

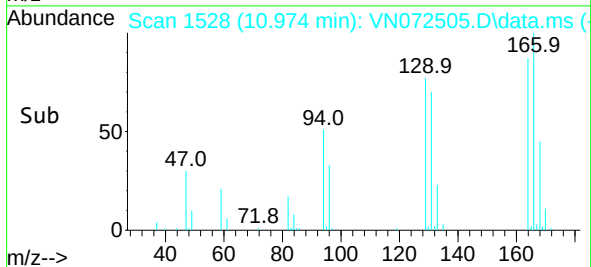
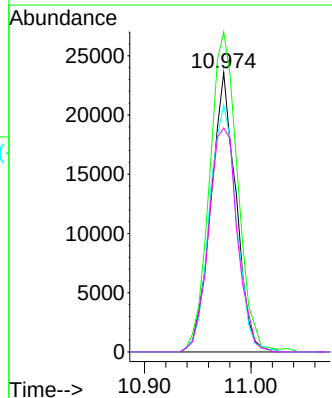
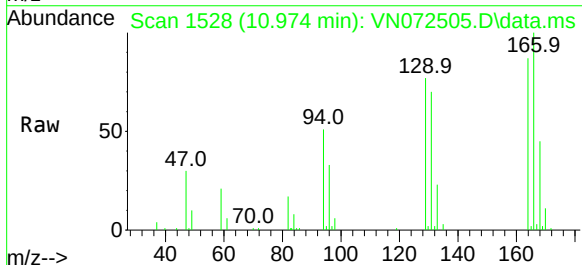
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

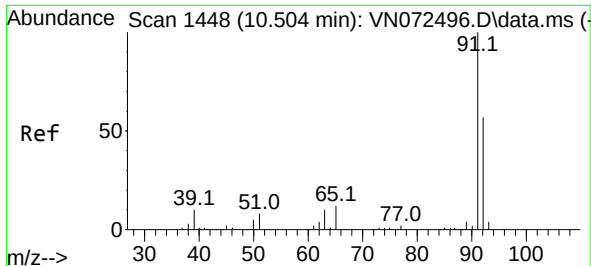
Tgt Ion: 95 Resp: 73949  
Ion Ratio Lower Upper  
95 100  
174 78.7 62.9 94.3  
176 75.6 61.0 91.4



#61  
Tetrachloroethene  
Concen: 20.148 ug/l  
RT: 10.974 min Scan# 1528  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion:164 Resp: 38514  
Ion Ratio Lower Upper  
164 100  
166 114.5 105.8 158.8  
129 88.4 82.5 123.7  
131 80.2 81.2 121.8#

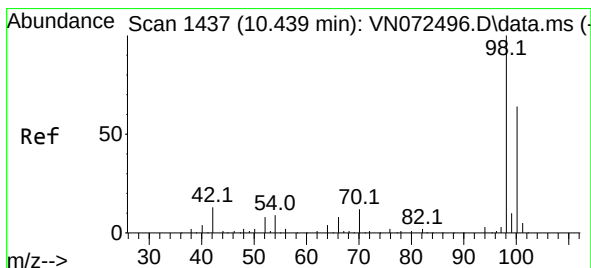
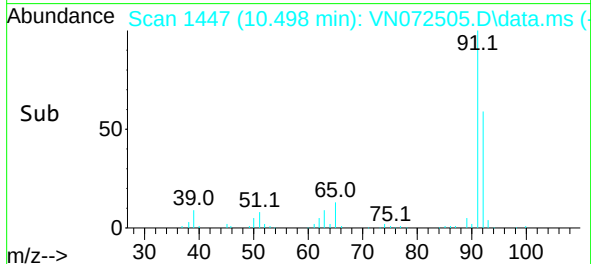
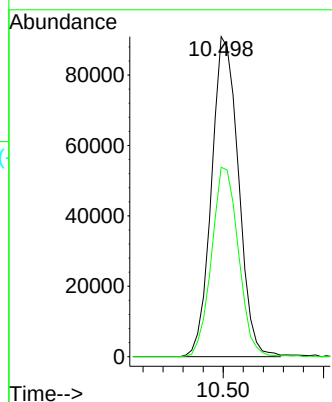
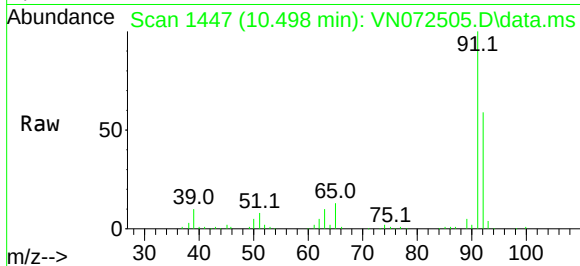




#62  
Toluene  
Concen: 19.680 ug/l  
RT: 10.498 min Scan# 1447  
Delta R.T. -0.006 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

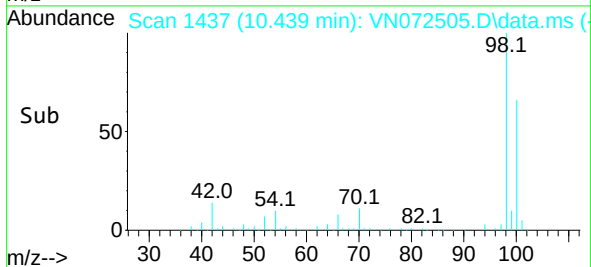
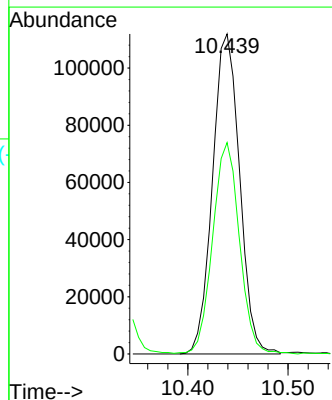
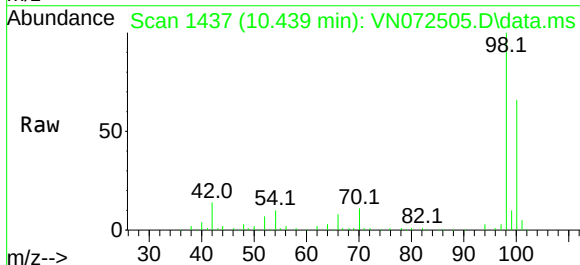
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

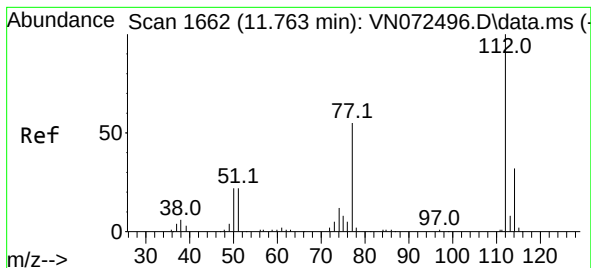
Tgt Ion: 91 Resp: 169702  
Ion Ratio Lower Upper  
91 100  
92 59.0 44.6 67.0



#63  
Toluene-d8  
Concen: 30.135 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion: 98 Resp: 209968  
Ion Ratio Lower Upper  
98 100  
100 65.4 50.6 76.0





#64

Chlorobenzene

Concen: 19.636 ug/l

RT: 11.768 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN072505.D

Acq: 16 May 2022 16:56

Instrument :

MSVOA\_N

ClientSampleId :

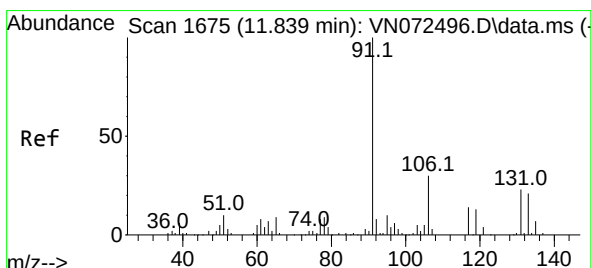
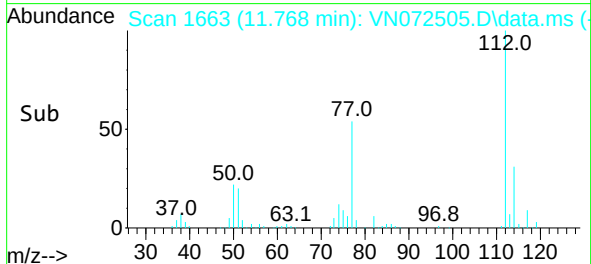
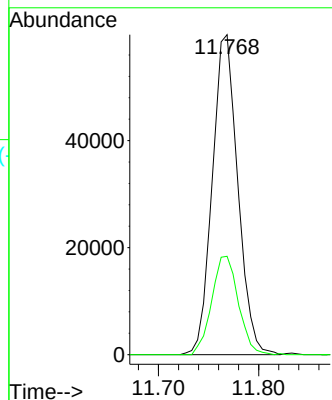
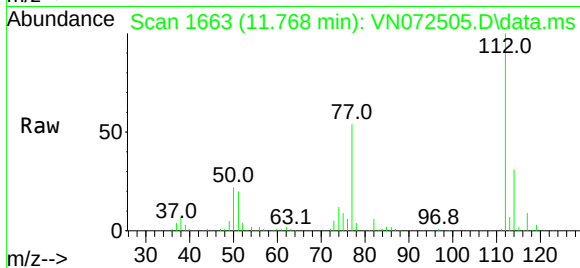
VN0516WBS01

Tgt Ion:112 Resp: 105622

Ion Ratio Lower Upper

112 100

114 30.8 25.8 38.6



#65

1,1,1,2-Tetrachloroethane

Concen: 20.219 ug/l

RT: 11.833 min Scan# 1674

Delta R.T. -0.006 min

Lab File: VN072505.D

Acq: 16 May 2022 16:56

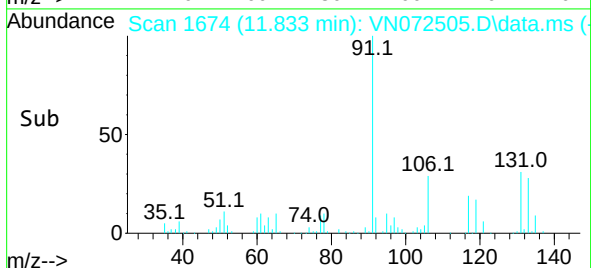
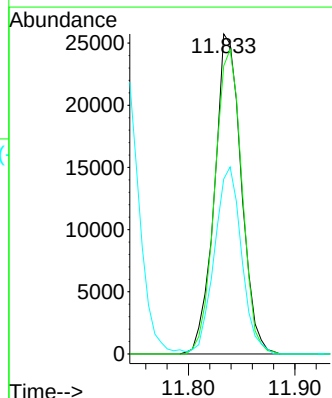
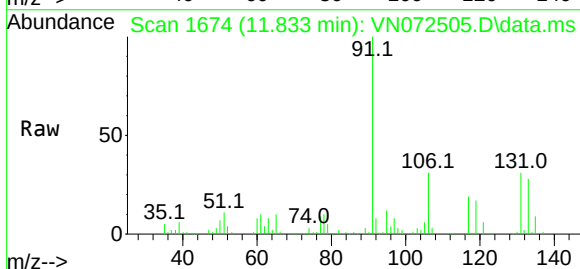
Tgt Ion:131 Resp: 44969

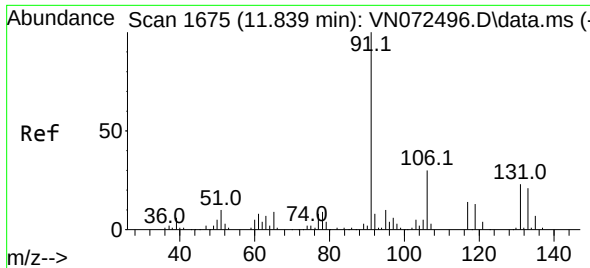
Ion Ratio Lower Upper

131 100

133 96.0 0.0 191.2

119 59.0 0.0 128.8

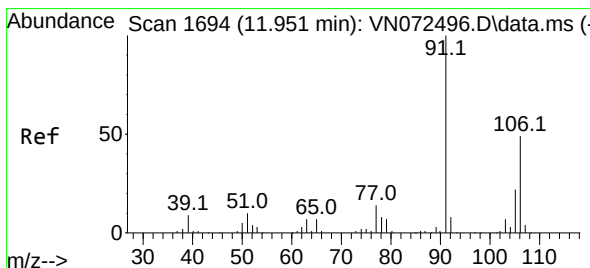
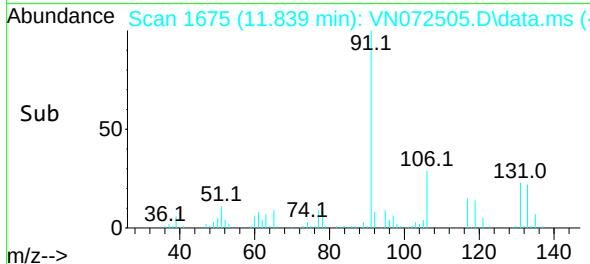
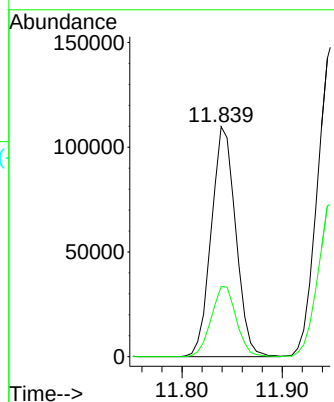
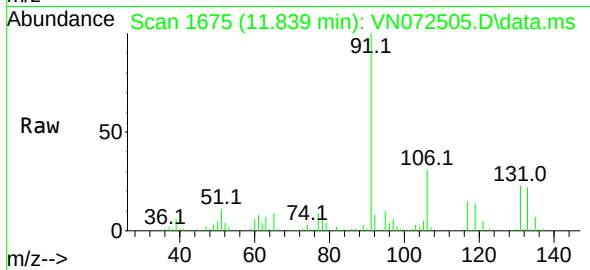




#66  
Ethyl Benzene  
Concen: 19.197 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

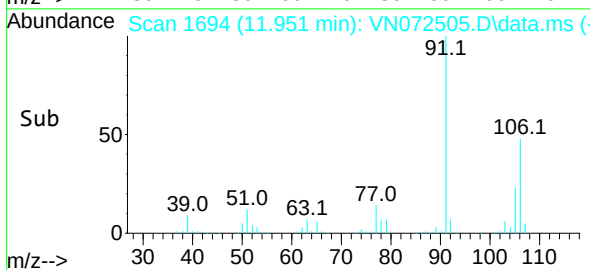
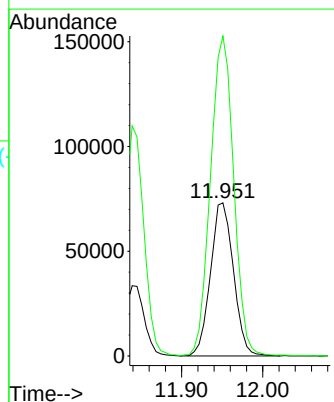
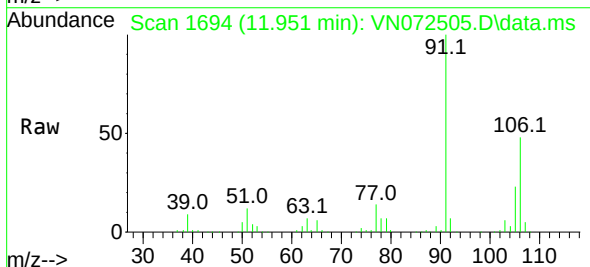
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

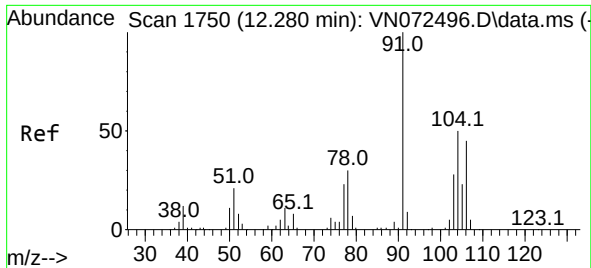
Tgt Ion: 91 Resp: 186193  
Ion Ratio Lower Upper  
91 100  
106 30.5 24.0 36.0



#67  
m/p-Xylenes  
Concen: 39.098 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion:106 Resp: 143775  
Ion Ratio Lower Upper  
106 100  
91 211.1 162.9 244.3

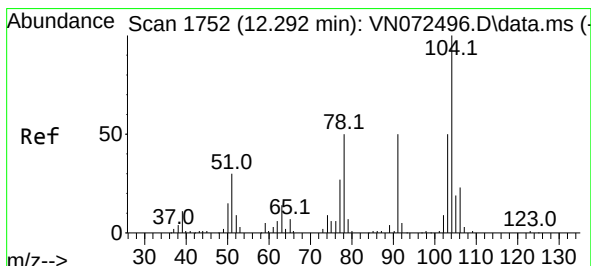
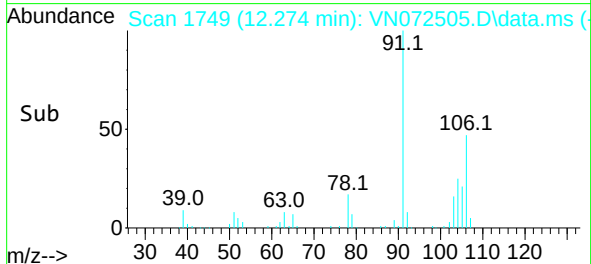
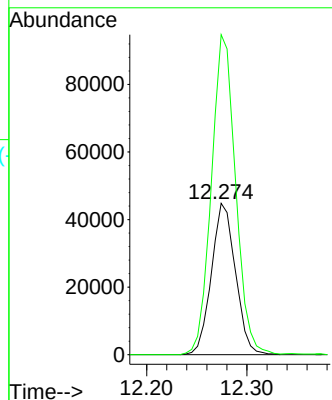
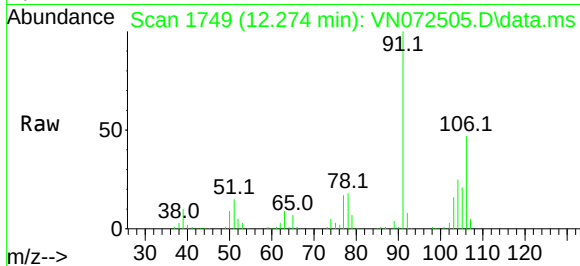




#68  
o-Xylene  
Concen: 20.547 ug/l  
RT: 12.274 min Scan# 1749  
Delta R.T. -0.006 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

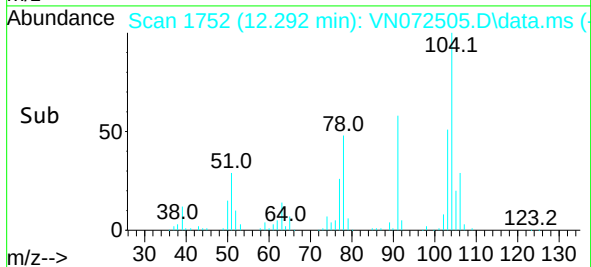
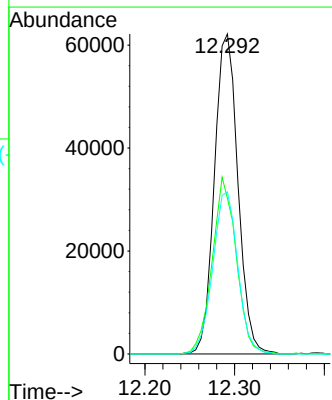
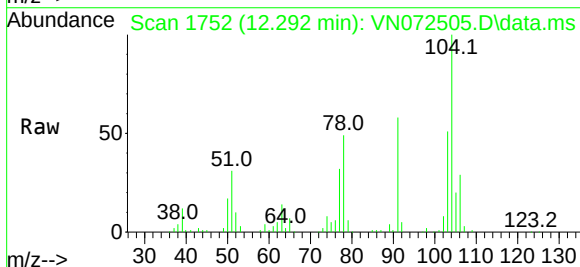
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

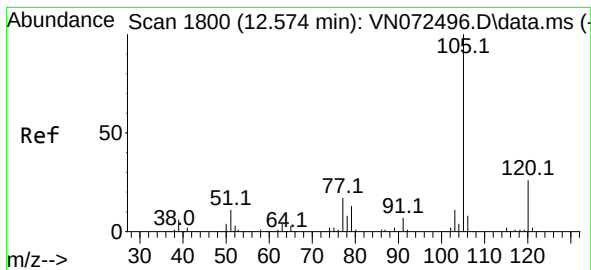
Tgt Ion:106 Resp: 74687  
Ion Ratio Lower Upper  
106 100  
91 212.7 107.7 323.1



#69  
Styrene  
Concen: 19.526 ug/l  
RT: 12.292 min Scan# 1752  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion:104 Resp: 113040  
Ion Ratio Lower Upper  
104 100  
78 56.6 40.7 61.1  
103 54.1 45.8 68.8





#70

Isopropylbenzene

Concen: 19.579 ug/l

RT: 12.574 min Scan# 1800

Delta R.T. -0.000 min

Lab File: VN072505.D

Acq: 16 May 2022 16:56

Instrument :

MSVOA\_N

ClientSampleId :

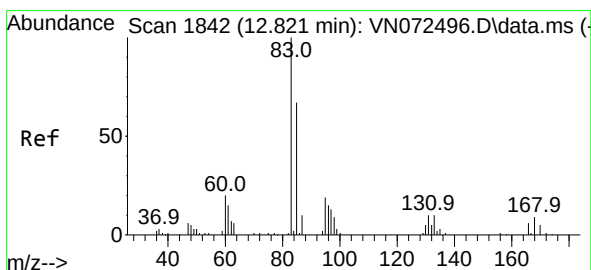
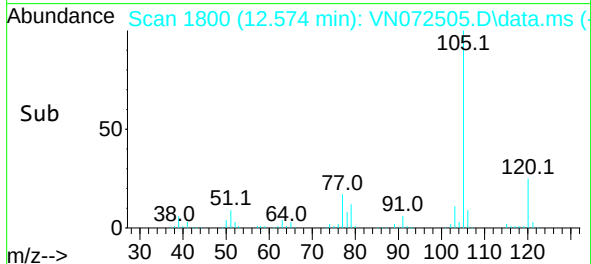
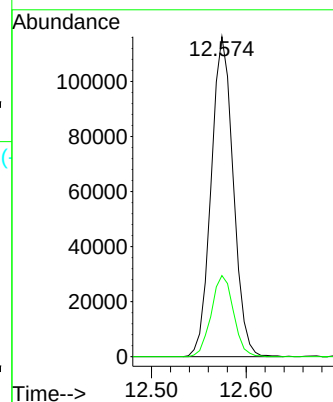
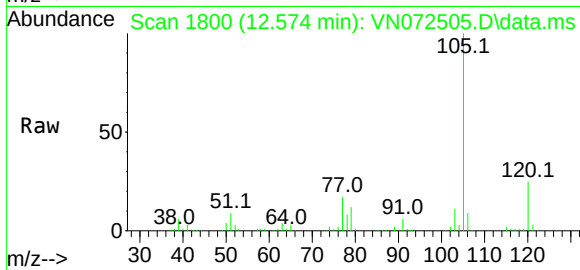
VN0516WBS01

Tgt Ion:105 Resp: 188852

Ion Ratio Lower Upper

105 100

120 25.5 18.3 34.1



#71

1,1,2,2-Tetrachloroethane

Concen: 21.908 ug/l

RT: 12.821 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VN072505.D

Acq: 16 May 2022 16:56

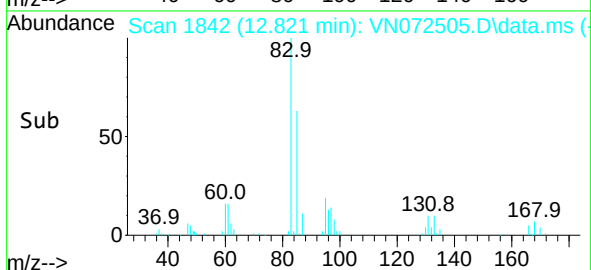
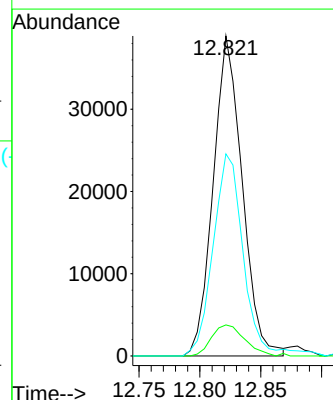
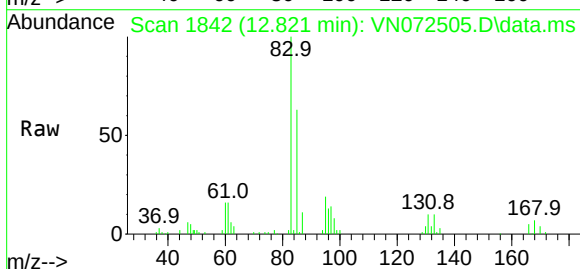
Tgt Ion: 83 Resp: 64529

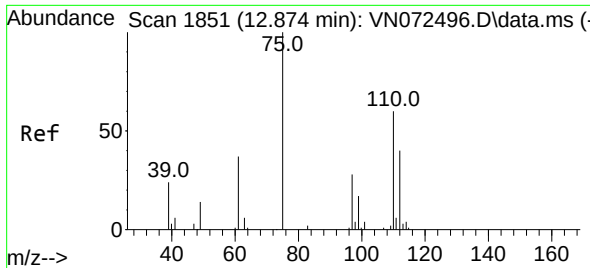
Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.3

85 64.2 33.1 99.2

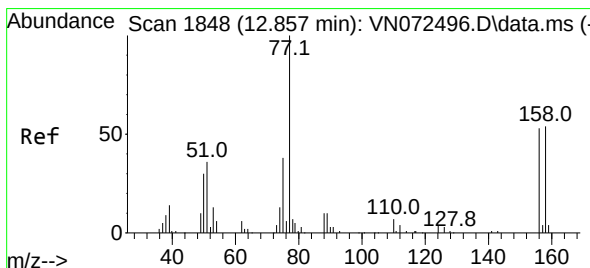
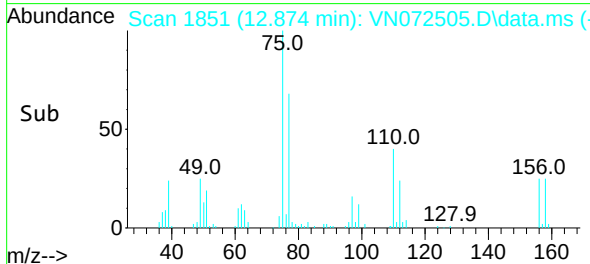
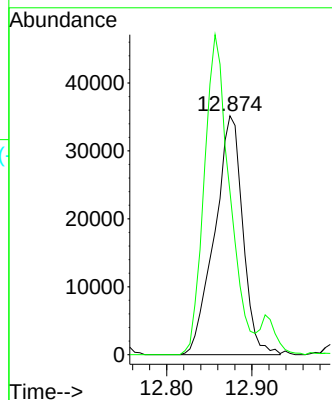
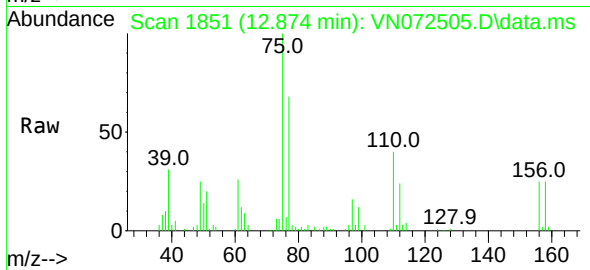




#72  
1,2,3-Trichloropropane  
Concen: 29.279 ug/l  
RT: 12.874 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

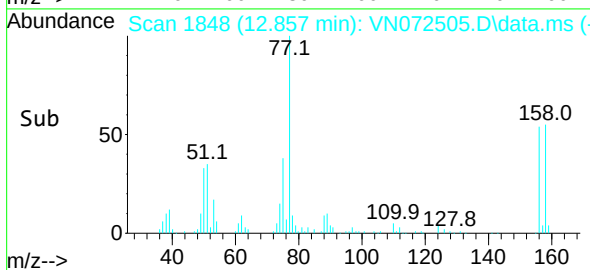
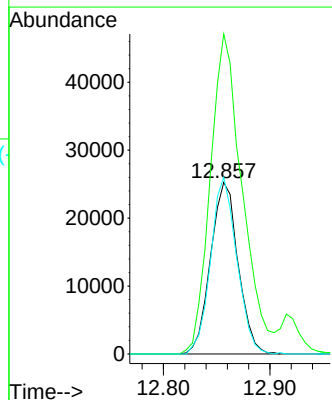
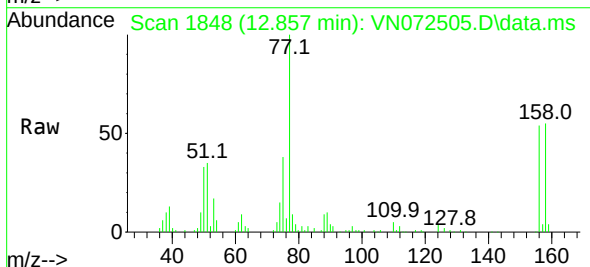
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

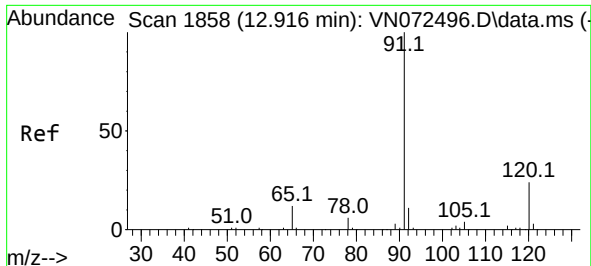
Tgt Ion: 75 Resp: 80886  
Ion Ratio Lower Upper  
75 100  
77 120.9 0.0 378.0



#73  
Bromobenzene  
Concen: 19.518 ug/l  
RT: 12.857 min Scan# 1848  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion: 156 Resp: 45307  
Ion Ratio Lower Upper  
156 100  
77 215.8 0.0 416.0  
158 97.7 0.0 195.4

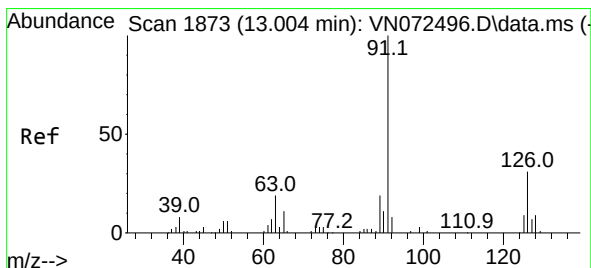
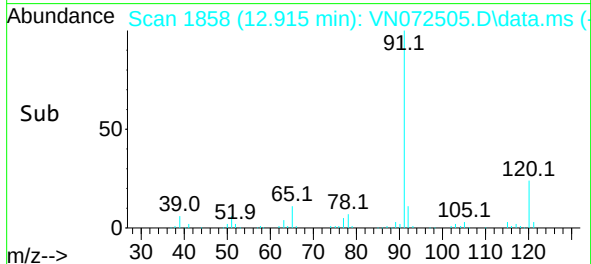
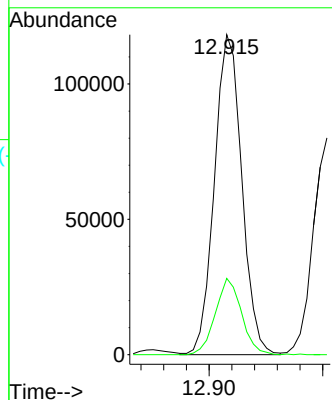
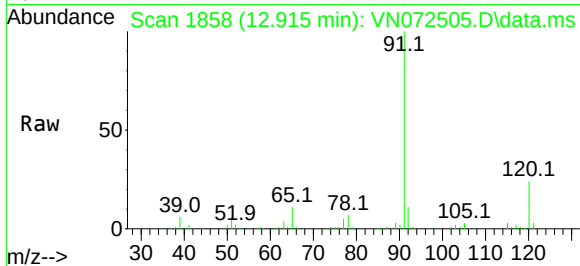




#74  
n-propylbenzene  
Concen: 18.731 ug/l  
RT: 12.915 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

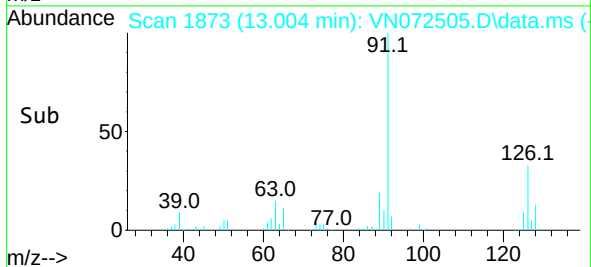
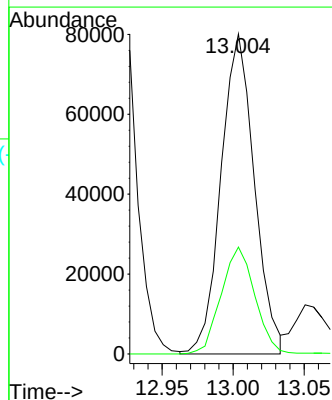
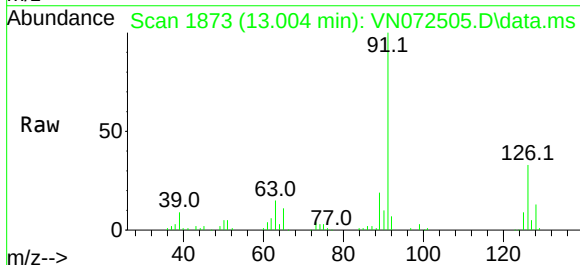
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

Tgt Ion: 91 Resp: 197776  
Ion Ratio Lower Upper  
91 100  
120 22.8 0.0 45.0

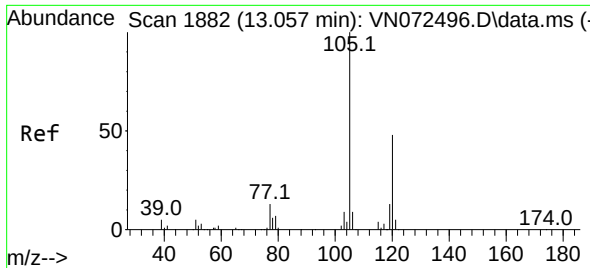


#75  
2-Chlorotoluene  
Concen: 19.194 ug/l  
RT: 13.004 min Scan# 1873  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion: 91 Resp: 130944  
Ion Ratio Lower Upper  
91 100  
126 33.8 0.0 69.8



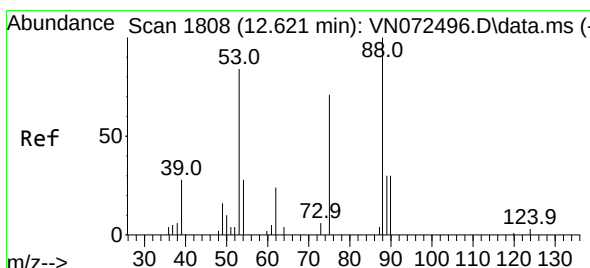
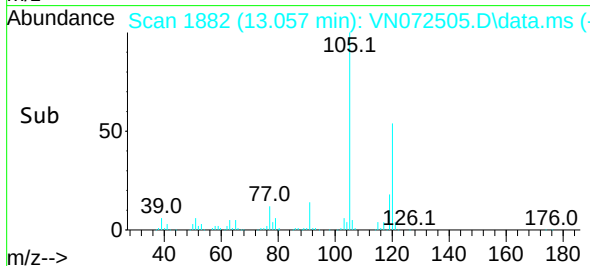
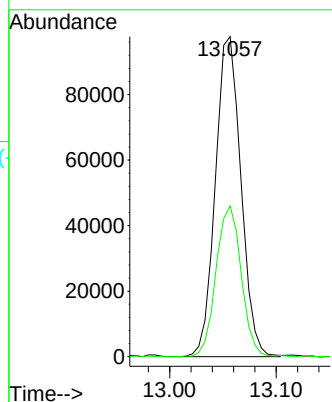
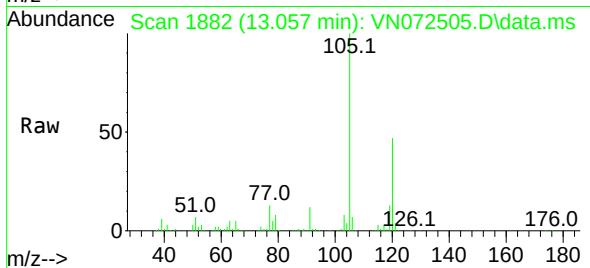




#76  
1,3,5-Trimethylbenzene  
Concen: 19.707 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

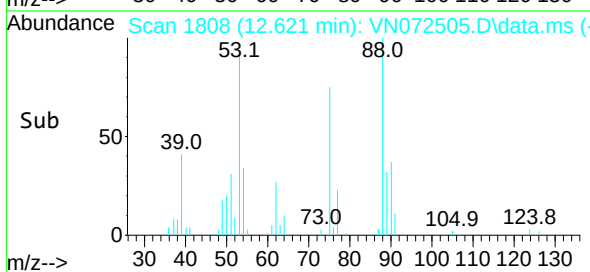
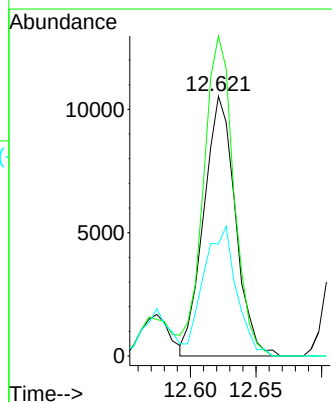
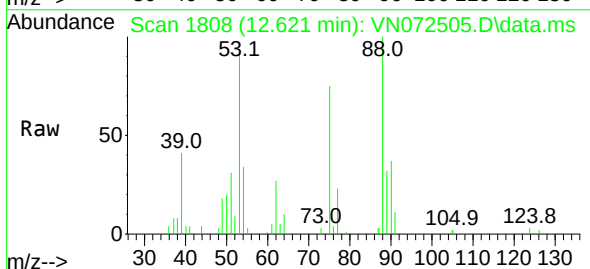
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

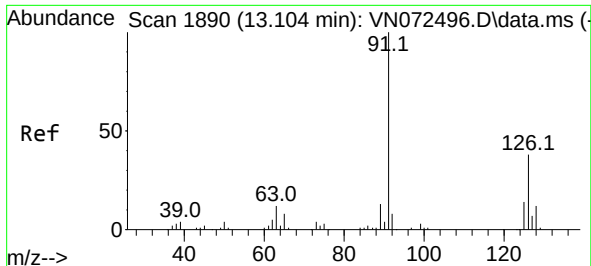
Tgt Ion:105 Resp: 162579  
Ion Ratio Lower Upper  
105 100  
120 46.2 0.0 93.8



#77  
t-1,4-Dichloro-2-butene  
Concen: 19.366 ug/l  
RT: 12.621 min Scan# 1808  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion: 75 Resp: 17677  
Ion Ratio Lower Upper  
75 100  
53 123.2 51.8 155.5  
89 43.1 22.9 68.7

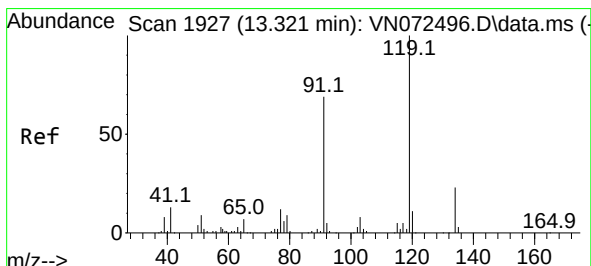
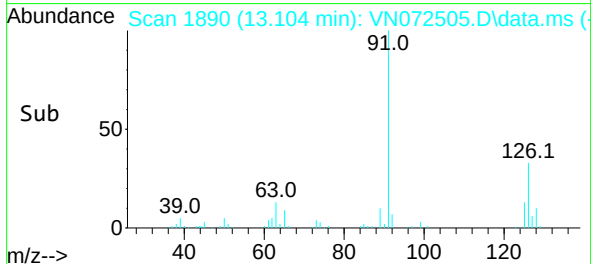
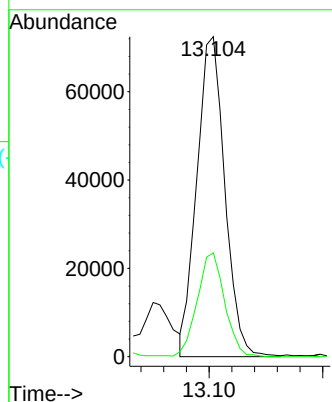
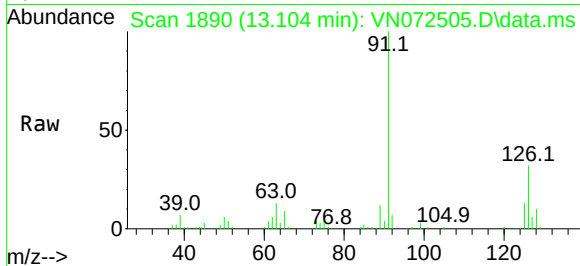




#78  
4-Chlorotoluene  
Concen: 19.375 ug/l  
RT: 13.104 min Scan# 1890  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

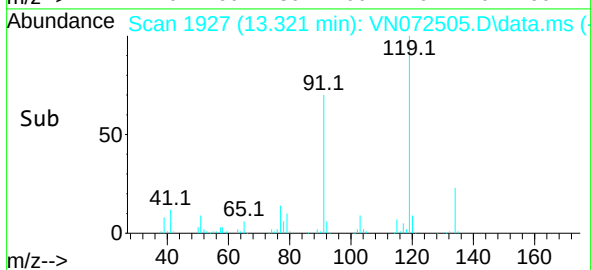
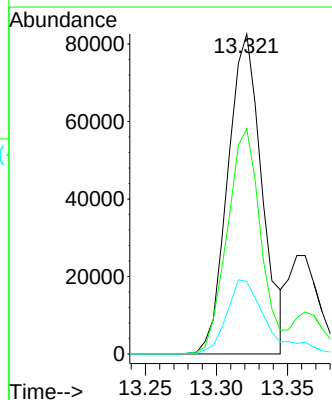
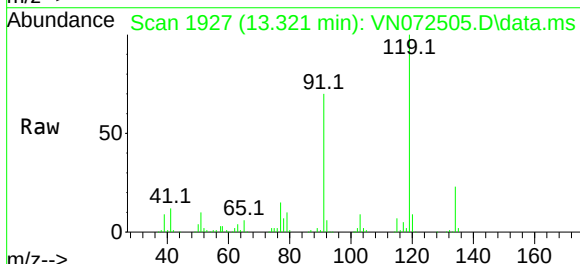
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

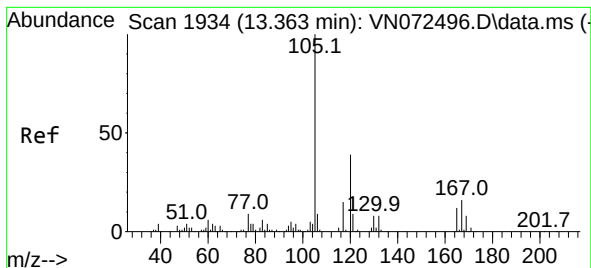
Tgt Ion: 91 Resp: 123894  
Ion Ratio Lower Upper  
91 100  
126 31.8 0.0 70.6



#79  
tert-butylbenzene  
Concen: 19.078 ug/l  
RT: 13.321 min Scan# 1927  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion: 119 Resp: 138281  
Ion Ratio Lower Upper  
119 100  
91 68.6 0.0 137.0  
134 25.5 0.0 47.6





#80

1,2,4-Trimethylbenzene

Concen: 22.340 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. 0.135 min

Lab File: VN072505.D

Acq: 16 May 2022 16:56

Instrument :

MSVOA\_N

ClientSampleId :

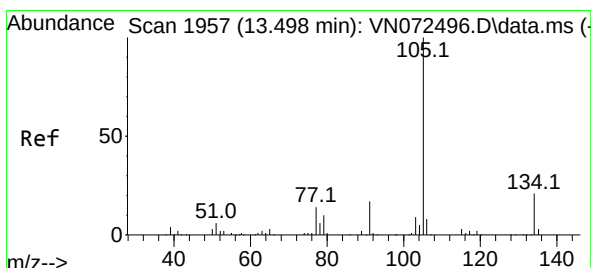
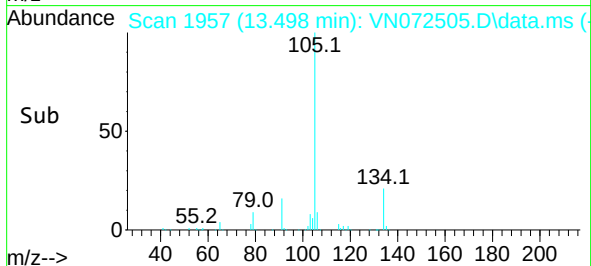
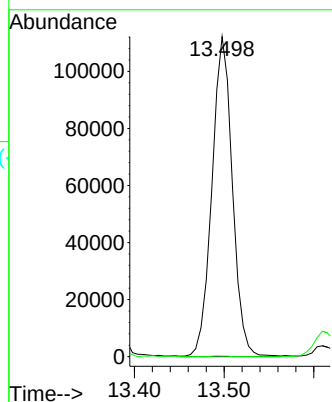
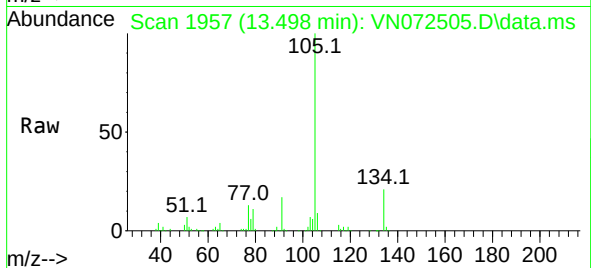
VN0516WBS01

Tgt Ion:105 Resp: 177600

Ion Ratio Lower Upper

105 100

120 0.2 0.0 0.2



#81

sec-Butylbenzene

Concen: 18.481 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VN072505.D

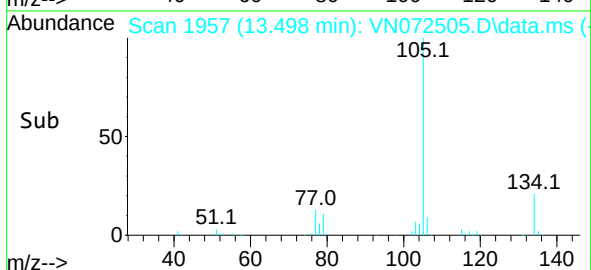
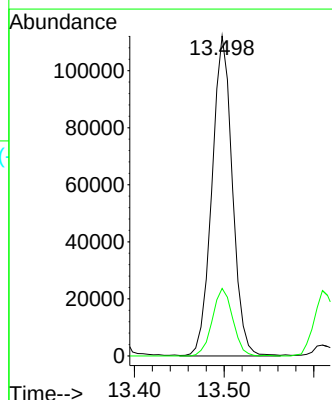
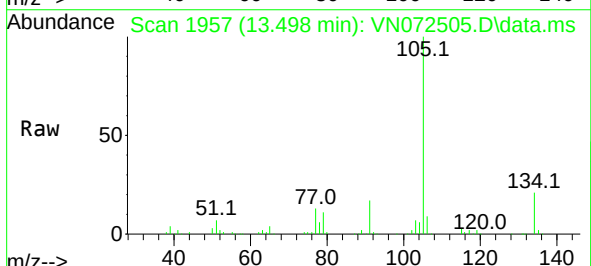
Acq: 16 May 2022 16:56

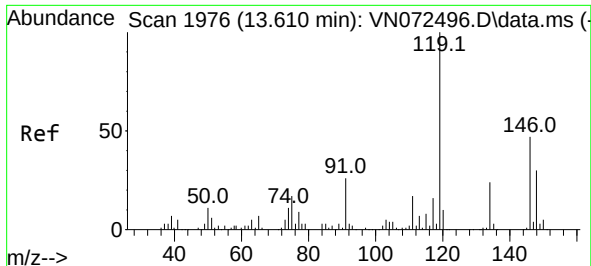
Tgt Ion:105 Resp: 177600

Ion Ratio Lower Upper

105 100

134 21.0 0.0 39.4

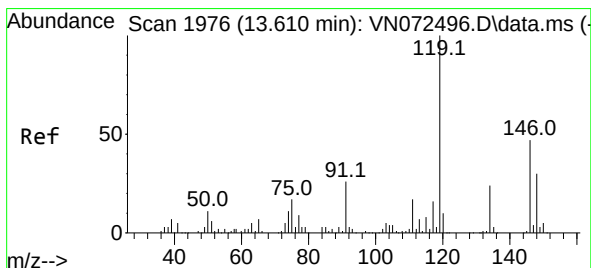
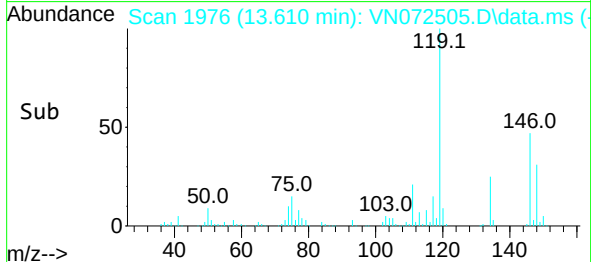
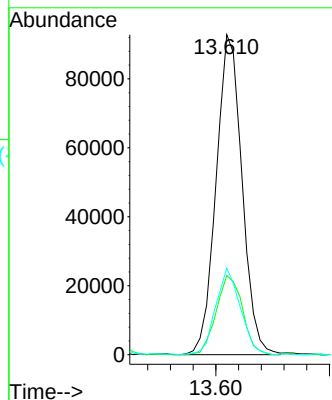
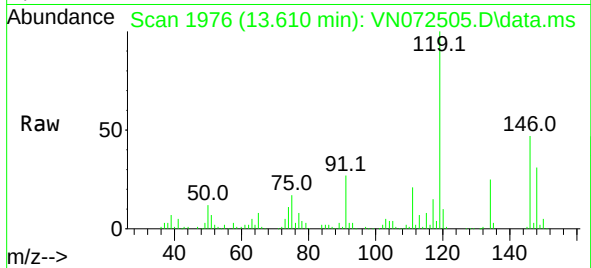




#82  
p-Isopropyltoluene  
Concen: 18.495 ug/l  
RT: 13.610 min Scan# 1976  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

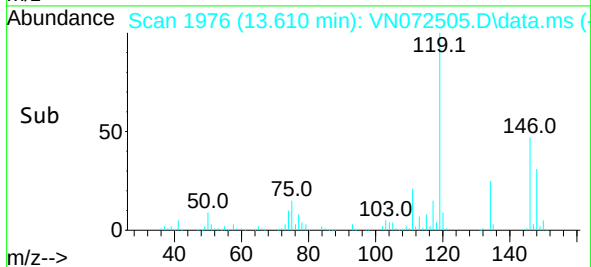
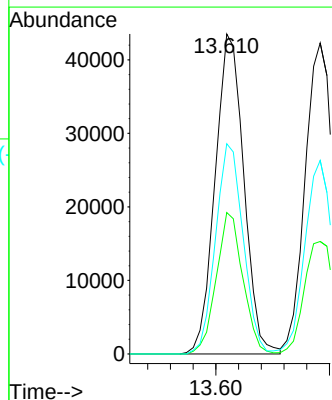
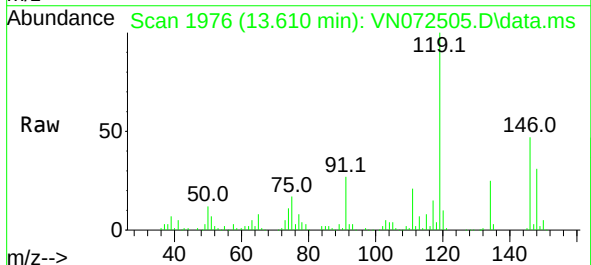
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

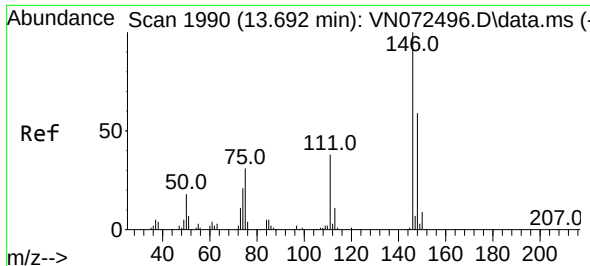
Tgt Ion:119 Resp: 147095  
Ion Ratio Lower Upper  
119 100  
134 25.1 0.0 51.8  
91 25.8 0.0 50.4



#83  
1,3-Dichlorobenzene  
Concen: 19.280 ug/l  
RT: 13.610 min Scan# 1976  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion:146 Resp: 76403  
Ion Ratio Lower Upper  
146 100  
111 41.0 20.8 62.2  
148 63.3 31.4 94.3

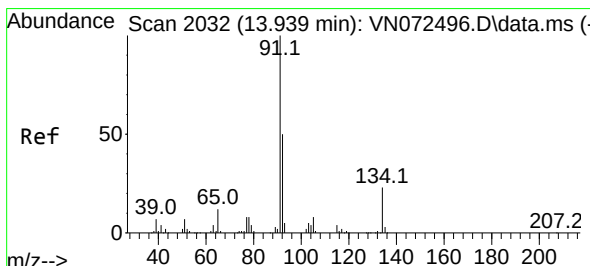
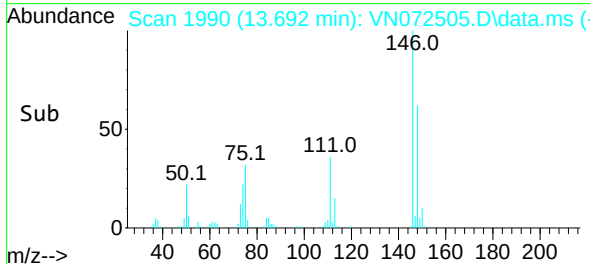
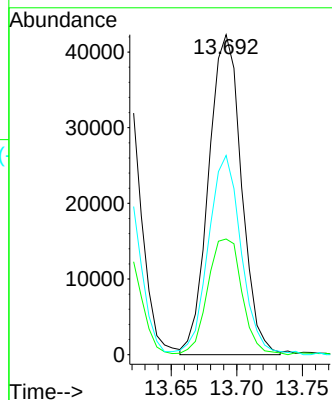
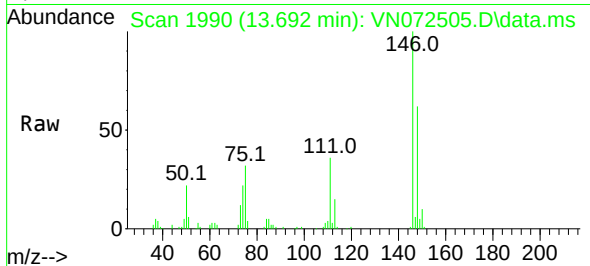




#84  
1,4-Dichlorobenzene  
Concen: 19.100 ug/l  
RT: 13.692 min Scan# 1990  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

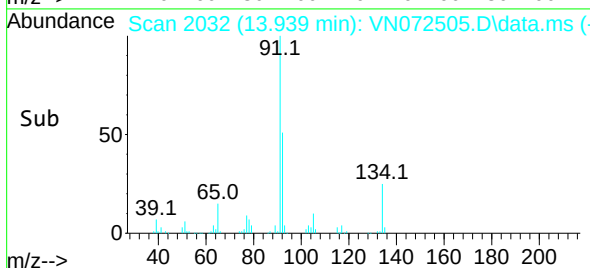
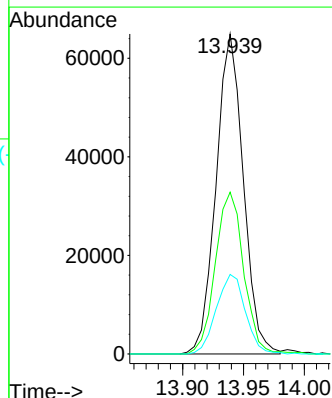
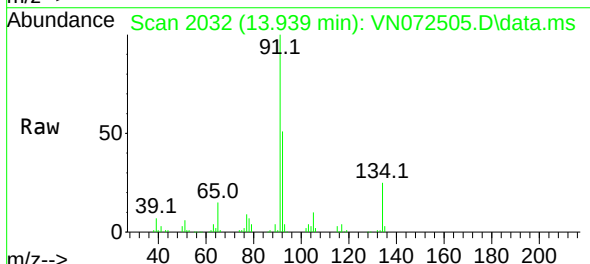
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

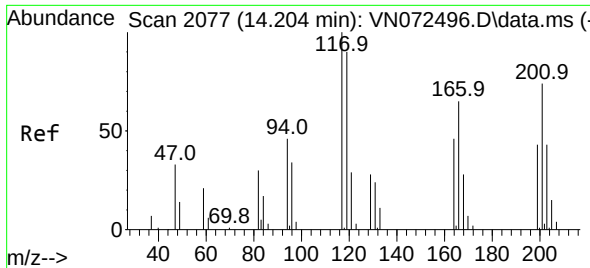
Tgt Ion:146 Resp: 73650  
Ion Ratio Lower Upper  
146 100  
111 37.8 19.5 58.5  
148 62.2 31.1 93.5



#85  
n-Butylbenzene  
Concen: 17.176 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion: 91 Resp: 101233  
Ion Ratio Lower Upper  
91 100  
92 52.6 0.0 100.6  
134 26.5 0.0 50.2

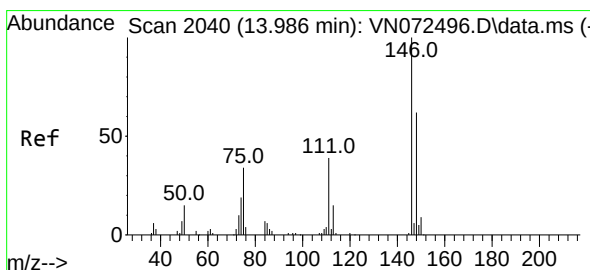
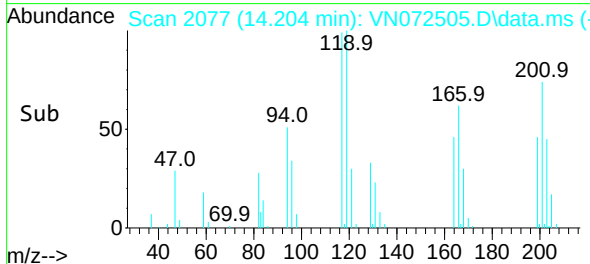
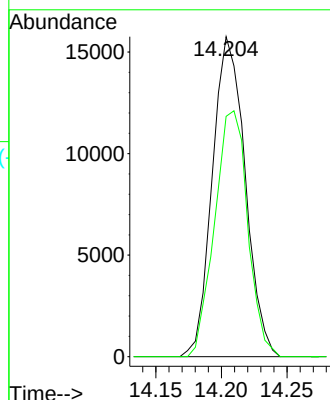
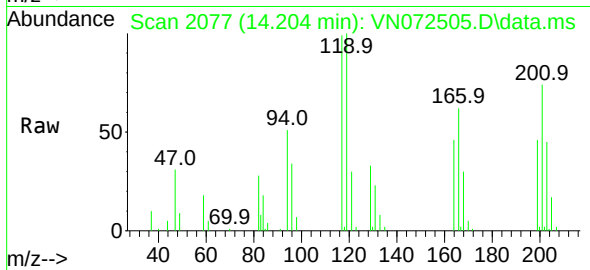




#86  
Hexachloroethane  
Concen: 18.704 ug/l  
RT: 14.204 min Scan# 2077  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

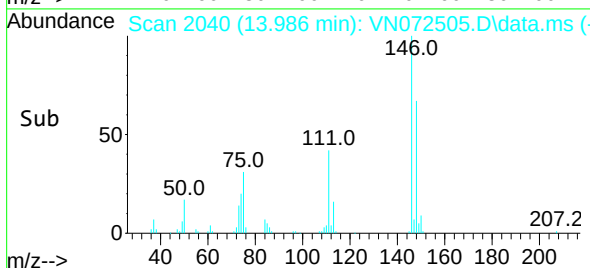
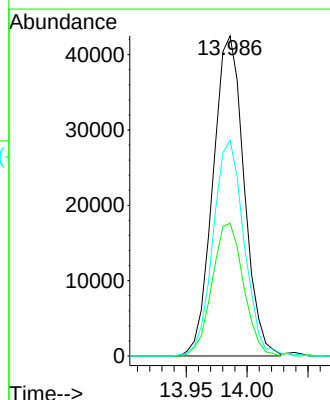
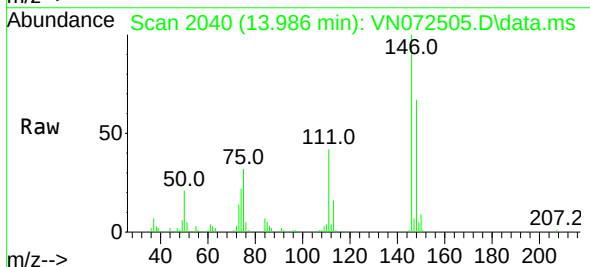
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0516WBS01

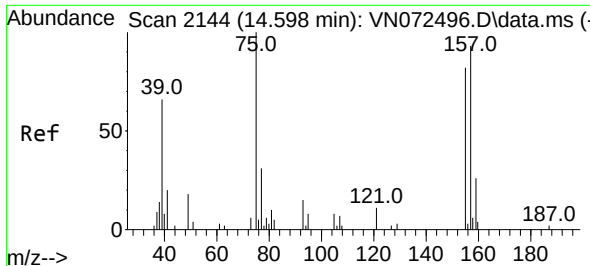
Tgt Ion:117 Resp: 27392  
Ion Ratio Lower Upper  
117 100  
201 77.5 33.3 99.8



#87  
1,2-Dichlorobenzene  
Concen: 19.466 ug/l  
RT: 13.986 min Scan# 2040  
Delta R.T. -0.000 min  
Lab File: VN072505.D  
Acq: 16 May 2022 16:56

Tgt Ion:146 Resp: 75413  
Ion Ratio Lower Upper  
146 100  
111 41.8 21.4 64.2  
148 67.2 32.5 97.4

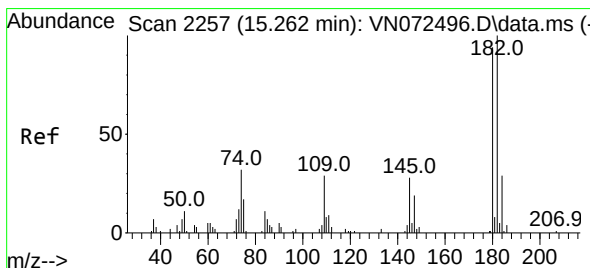
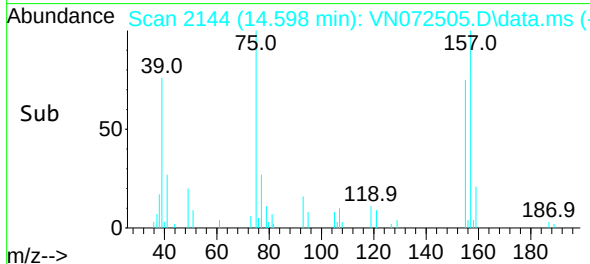
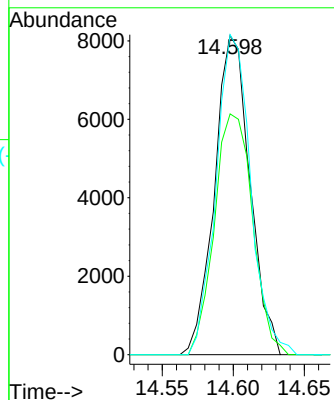
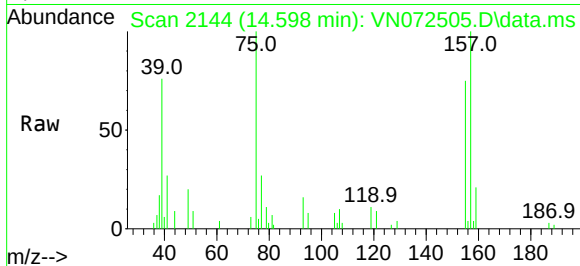




#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.333 ug/l  
 RT: 14.598 min Scan# 2144  
 Delta R.T. -0.000 min  
 Lab File: VN072505.D  
 Acq: 16 May 2022 16:56

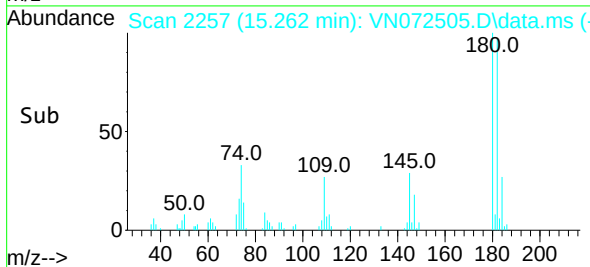
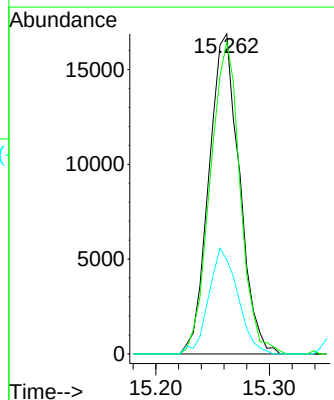
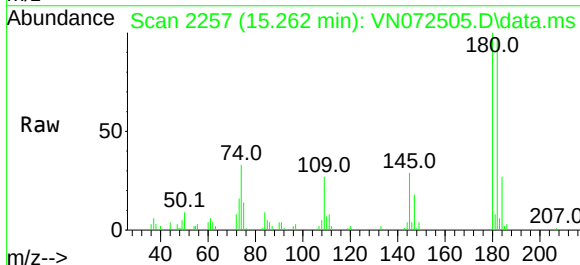
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0516WBS01

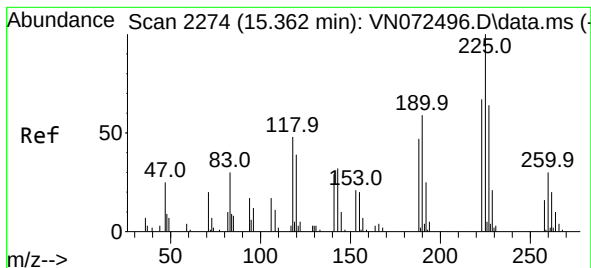
Tgt Ion: 75 Resp: 14098  
 Ion Ratio Lower Upper  
 75 100  
 155 81.3 63.8 95.8  
 157 98.1 77.9 116.9



#89  
 1,2,4-Trichlorobenzene  
 Concen: 17.979 ug/l  
 RT: 15.262 min Scan# 2257  
 Delta R.T. -0.000 min  
 Lab File: VN072505.D  
 Acq: 16 May 2022 16:56

Tgt Ion: 180 Resp: 31530  
 Ion Ratio Lower Upper  
 180 100  
 182 95.4 77.7 116.5  
 145 31.5 26.6 39.8





#90

Hexachlorobutadiene

Concen: 18.001 ug/l

RT: 15.368 min Scan# 2274

Delta R.T. 0.006 min

Lab File: VN072505.D

Acq: 16 May 2022 16:56

Instrument :

MSVOA\_N

ClientSampleId :

VN0516WBS01

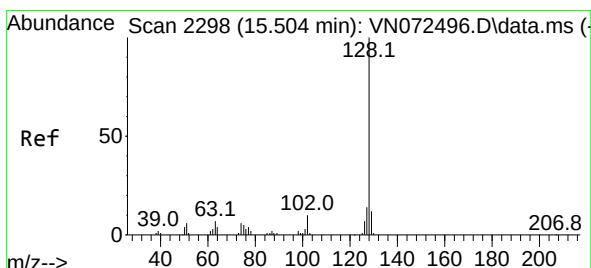
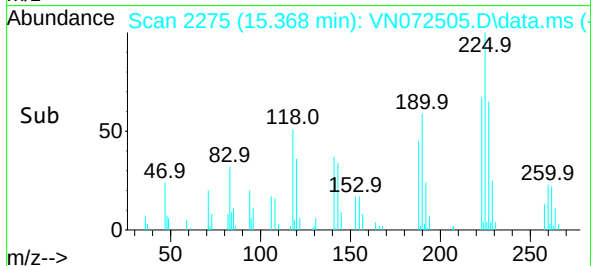
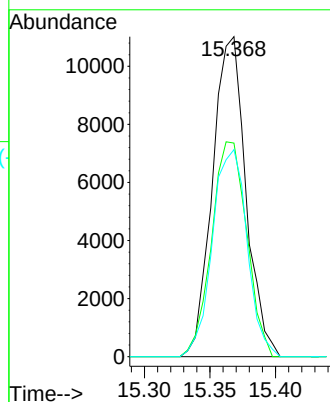
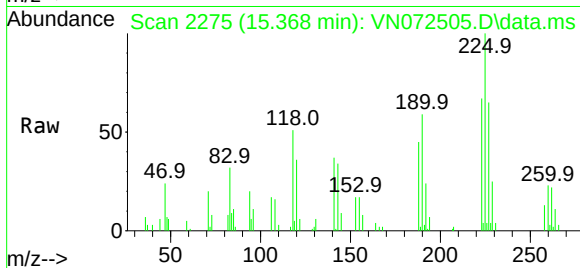
Tgt Ion:225 Resp: 19510

Ion Ratio Lower Upper

225 100

223 70.8 0.0 126.8

227 67.1 0.0 123.0



#91

Naphthalene

Concen: 20.477 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VN072505.D

Acq: 16 May 2022 16:56

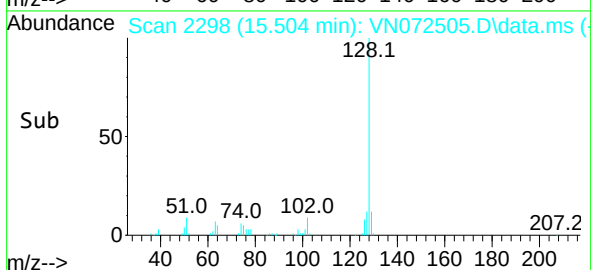
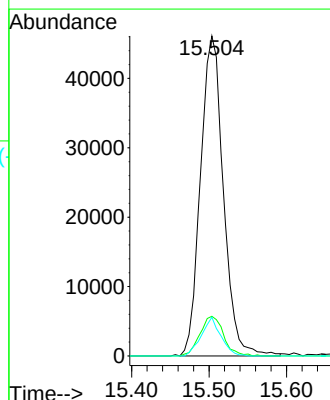
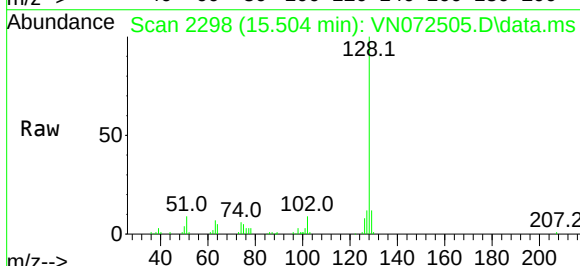
Tgt Ion:128 Resp: 94852

Ion Ratio Lower Upper

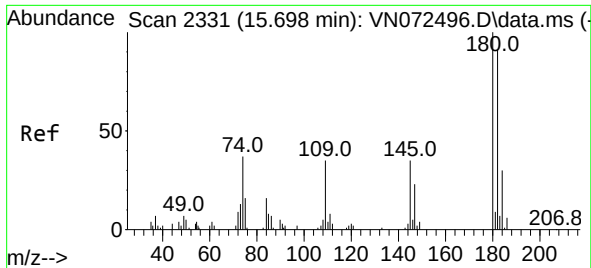
128 100

127 12.7 10.7 16.1

129 10.3 9.0 13.6

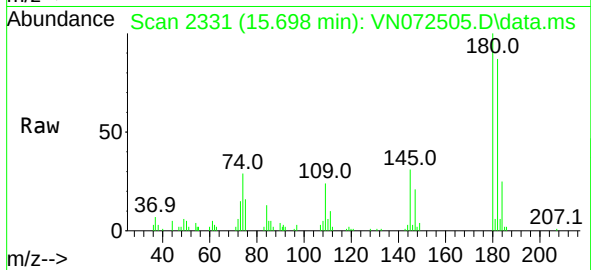






#92  
 1,2,3-Trichlorobenzene  
 Concen: 18.918 ug/l  
 RT: 15.698 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN072505.D  
 Acq: 16 May 2022 16:56

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0516WBS01



Tgt Ion:180 Resp: 33771  
 Ion Ratio Lower Upper  
 180 100  
 182 94.1 0.0 190.0  
 145 32.0 0.0 67.8

