

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050222\  
 Data File : VN072286.D  
 Acq On : 02 May 2022 10:28  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: May 03 03:08:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 26 18:50:11 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 8.081  | 168   | 232858   | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene      | 8.969  | 114   | 373815   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.739 | 117   | 348298   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.668 | 152   | 142037   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.433  | 65    | 184459   | 51.599   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | = 103.200% |          |
| 35) Dibromofluoromethane     | 8.022  | 113   | 126193   | 52.742   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | = 105.480% |          |
| 50) Toluene-d8               | 10.439 | 98    | 490482   | 52.170   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | = 104.340% |          |
| 62) 4-Bromofluorobenzene     | 12.727 | 95    | 184860   | 59.239   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | = 118.480% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.069  | 85    | 128625   | 49.280   | ug/l       | 100      |
| 3) Chloromethane             | 2.299  | 50    | 116558   | 39.631   | ug/l       | 98       |
| 4) Vinyl Chloride            | 2.440  | 62    | 111229   | 42.432   | ug/l       | 100      |
| 5) Bromomethane              | 2.828  | 94    | 65953    | 52.680   | ug/l       | 95       |
| 6) Chloroethane              | 3.004  | 64    | 80310    | 54.346   | ug/l       | 99       |
| 7) Trichlorofluoromethane    | 3.369  | 101   | 225089   | 49.150   | ug/l       | 98       |
| 8) Diethyl Ether             | 3.822  | 74    | 76451    | 46.102   | ug/l       | 91       |
| 9) 1,1,2-Trichlorotrifluo... | 4.210  | 101   | 113084   | 47.009   | ug/l       | 95       |
| 10) Methyl Iodide            | 4.422  | 142   | 135015   | 46.238   | ug/l       | # 81     |
| 11) Tert butyl alcohol       | 5.369  | 59    | 141314   | 240.543  | ug/l       | 100      |
| 12) 1,1-Dichloroethene       | 4.181  | 96    | 98198    | 44.154   | ug/l       | 95       |
| 13) Acrolein                 | 4.040  | 56    | 126060   | 213.222  | ug/l       | 97       |
| 14) Allyl chloride           | 4.840  | 41    | 192371   | 41.660   | ug/l       | 95       |
| 15) Acrylonitrile            | 5.545  | 53    | 380545   | 214.656  | ug/l       | 98       |
| 16) Acetone                  | 4.287  | 43    | 423247   | 274.608  | ug/l       | 94       |
| 17) Carbon Disulfide         | 4.528  | 76    | 223039   | 42.678   | ug/l       | 100      |
| 18) Methyl Acetate           | 4.851  | 43    | 178854   | 41.503   | ug/l       | 94       |
| 19) Methyl tert-butyl Ether  | 5.610  | 73    | 445083   | 51.055   | ug/l       | 98       |
| 20) Methylene Chloride       | 5.093  | 84    | 125485   | 42.474   | ug/l       | 93       |
| 21) trans-1,2-Dichloroethene | 5.592  | 96    | 103617   | 42.251   | ug/l       | 84       |
| 22) Diisopropyl ether        | 6.492  | 45    | 412173   | 43.335   | ug/l       | 96       |
| 23) Vinyl Acetate            | 6.428  | 43    | 1788194  | 223.855  | ug/l       | 96       |
| 24) 1,1-Dichloroethane       | 6.381  | 63    | 236127   | 44.382   | ug/l       | 98       |
| 25) 2-Butanone               | 7.328  | 43    | 538002   | 219.181  | ug/l       | 95       |
| 26) 2,2-Dichloropropane      | 7.322  | 77    | 222480   | 53.533   | ug/l       | 95       |
| 27) cis-1,2-Dichloroethene   | 7.322  | 96    | 134264   | 44.909   | ug/l       | 89       |
| 28) Bromochloromethane       | 7.657  | 49    | 103217   | 43.326   | ug/l       | 84       |
| 29) Tetrahydrofuran          | 7.681  | 42    | 322639   | 200.288  | ug/l       | 96       |
| 30) Chloroform               | 7.816  | 83    | 255159   | 47.766   | ug/l       | 100      |
| 31) Cyclohexane              | 8.092  | 56    | 190375   | 39.856   | ug/l       | 90       |
| 32) 1,1,1-Trichloroethane    | 8.010  | 97    | 238112   | 52.380   | ug/l       | 99       |
| 36) 1,1-Dichloropropene      | 8.222  | 75    | 175170   | 50.298   | ug/l       | 95       |
| 37) Ethyl Acetate            | 7.410  | 43    | 209850   | 45.373   | ug/l       | 97       |
| 38) Carbon Tetrachloride     | 8.204  | 117   | 206846   | 55.455   | ug/l       | 98       |
| 39) Methylcyclohexane        | 9.457  | 83    | 194696   | 49.985   | ug/l       | 94       |
| 40) Benzene                  | 8.457  | 78    | 504332   | 46.687   | ug/l       | 99       |

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 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: May 03 03:08:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 26 18:50:11 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.634  | 41   | 109724   | 46.896   | ug/l   | 88       |
| 42) 1,2-Dichloroethane        | 8.528  | 62   | 218415   | 52.813   | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.557  | 43   | 323839   | 44.682   | ug/l   | 97       |
| 44) Trichloroethene           | 9.210  | 130  | 119604   | 47.597   | ug/l   | 88       |
| 45) 1,2-Dichloropropane       | 9.486  | 63   | 133778   | 45.830   | ug/l   | 99       |
| 46) Dibromomethane            | 9.575  | 93   | 91777    | 50.191   | ug/l   | 91       |
| 47) Bromodichloromethane      | 9.757  | 83   | 208306   | 54.292   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.557  | 41   | 145270   | 47.551   | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.563  | 88   | 55990    | 1043.309 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.327 | 43   | 1034726  | 237.114  | ug/l   | 97       |
| 52) Toluene                   | 10.504 | 92   | 331566   | 51.343   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.716 | 75   | 217788   | 56.468   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.186 | 75   | 225175   | 53.985   | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 10.892 | 97   | 133208   | 49.195   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.757 | 69   | 222743   | 47.115   | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 11.039 | 76   | 236319   | 49.735   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.039 | 63   | 261423   | 208.106  | ug/l   | 95       |
| 59) 2-Hexanone                | 11.080 | 43   | 755796   | 245.823  | ug/l   | 94       |
| 60) Dibromochloromethane      | 11.233 | 129  | 153233   | 55.342   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.345 | 107  | 134942   | 50.674   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.974 | 164  | 102857   | 49.060   | ug/l   | 90       |
| 65) Chlorobenzene             | 11.763 | 112  | 342924   | 48.728   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.839 | 131  | 138150   | 52.098   | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.839 | 91   | 656109   | 53.460   | ug/l   | 95       |
| 68) m/p-Xylenes               | 11.951 | 106  | 478024   | 104.889  | ug/l   | 87       |
| 69) o-Xylene                  | 12.274 | 106  | 234576   | 53.094   | ug/l   | 86       |
| 70) Styrene                   | 12.292 | 104  | 387261   | 55.647   | ug/l   | 93       |
| 71) Bromoform                 | 12.457 | 173  | 111629   | 56.601   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.574 | 105  | 648762   | 51.716   | ug/l   | 96       |
| 74) N-amyl acetate            | 12.386 | 43   | 216224   | 46.007   | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.821 | 83   | 202605   | 48.377   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.874 | 75   | 266144   | 74.559   | ug/l   | 50       |
| 77) Bromobenzene              | 12.857 | 156  | 140312   | 47.297   | ug/l   | 86       |
| 78) n-propylbenzene           | 12.916 | 91   | 720594   | 52.142   | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 456427   | 50.282   | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 547396   | 52.396   | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-b... | 12.621 | 75   | 64743    | 52.705   | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 13.104 | 91   | 429684   | 50.851   | ug/l   | 94       |
| 83) tert-Butylbenzene         | 13.321 | 119  | 478732   | 52.190   | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 535020   | 52.929   | ug/l   | 91       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 641120   | 53.610   | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 527858   | 56.616   | ug/l   | 93       |
| 87) 1,3-Dichlorobenzene       | 13.610 | 146  | 237972   | 49.563   | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.692 | 146  | 232428   | 49.778   | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.939 | 91   | 402248   | 56.327   | ug/l   | 98       |
| 90) Hexachloroethane          | 14.204 | 117  | 100266   | 49.540   | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 235388   | 49.739   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 43877    | 50.572   | ug/l   | 77       |
| 93) 1,2,4-Trichlorobenzene    | 15.262 | 180  | 107076   | 48.995   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.362 | 225  | 66428    | 52.383   | ug/l   | 98       |
| 95) Naphthalene               | 15.504 | 128  | 322736   | 44.396   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 106975   | 49.113   | ug/l   | 98       |

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Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

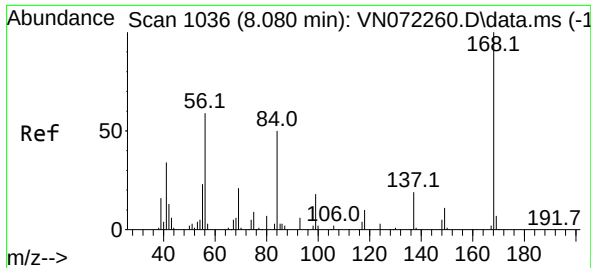
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: May 03 03:08:48 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 26 18:50:11 2022  
Response via : Initial Calibration

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

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

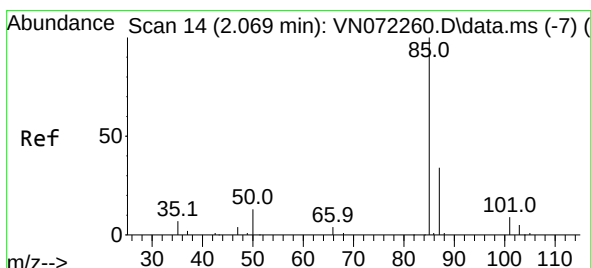
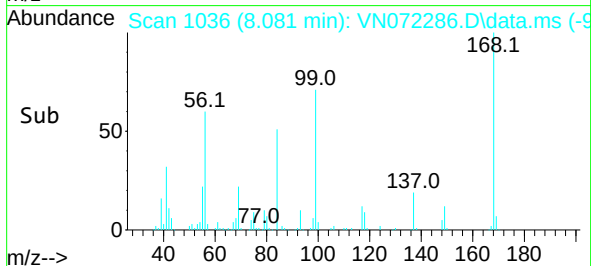
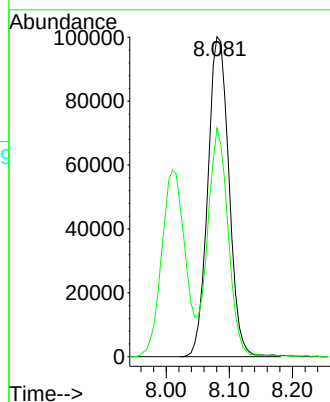
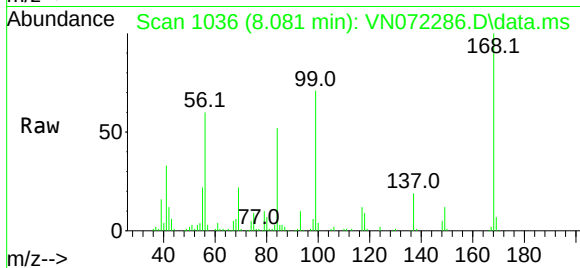




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

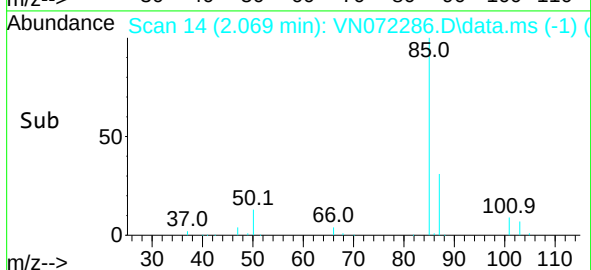
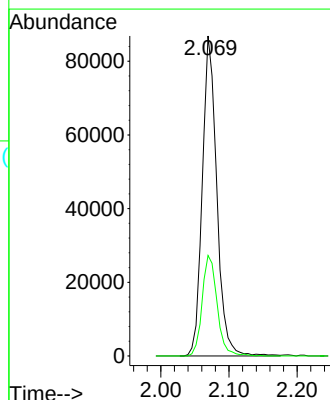
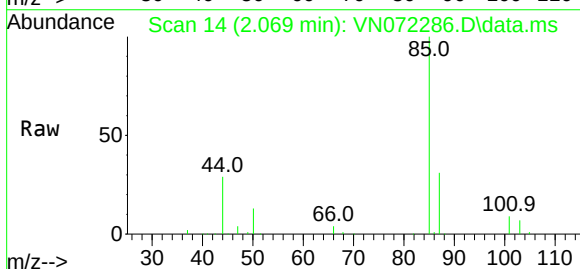
Instrument :  
MSVOA\_N  
ClientSampleId :

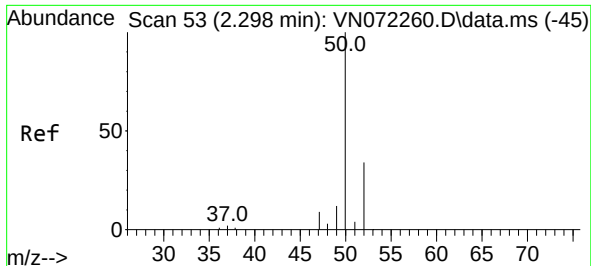
Tgt Ion:168 Resp: 232858  
Ion Ratio Lower Upper  
168 100  
99 71.2 42.3 63.5#



#2  
Dichlorodifluoromethane  
Concen: 49.280 ug/l  
RT: 2.069 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Tgt Ion: 85 Resp: 128625  
Ion Ratio Lower Upper  
85 100  
87 31.4 15.7 47.1

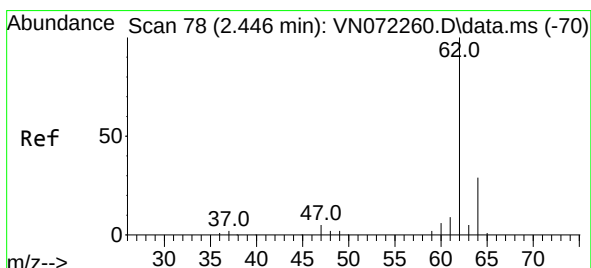
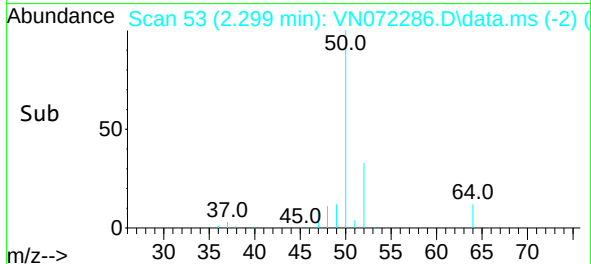
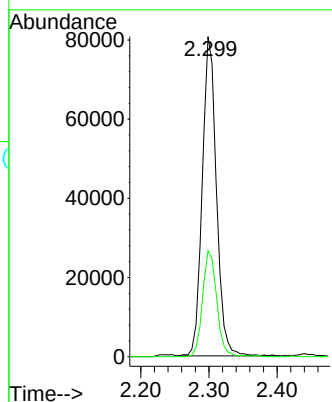
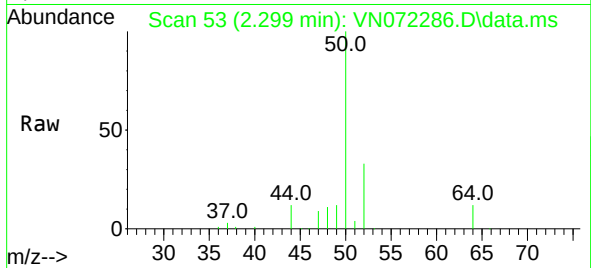




#3  
Chloromethane  
Concen: 39.631 ug/l  
RT: 2.299 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

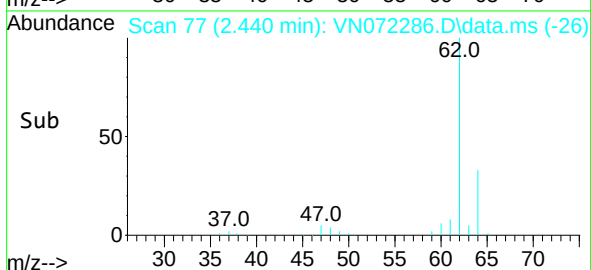
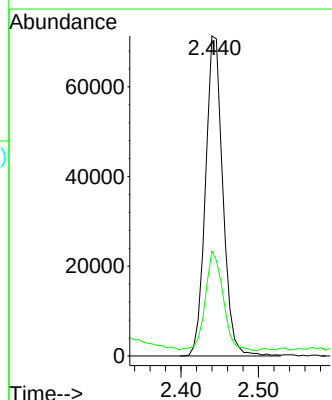
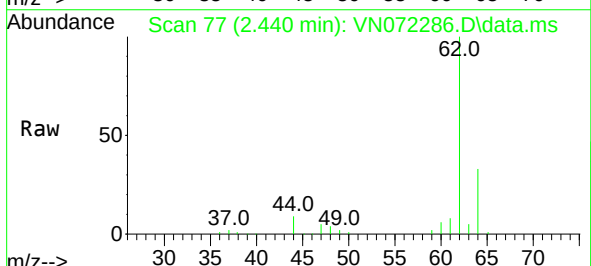
Instrument :  
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ClientSampleId :

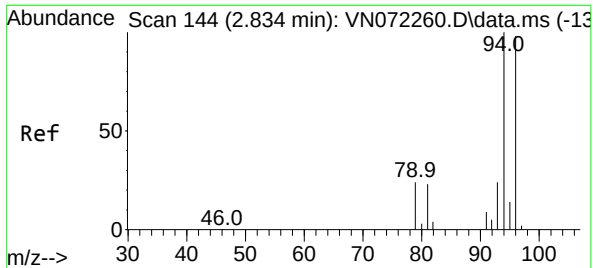
Tgt Ion: 50 Resp: 116558  
Ion Ratio Lower Upper  
50 100  
52 33.2 25.7 38.5



#4  
Vinyl Chloride  
Concen: 42.432 ug/l  
RT: 2.440 min Scan# 77  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Tgt Ion: 62 Resp: 111229  
Ion Ratio Lower Upper  
62 100  
64 30.9 25.0 37.4

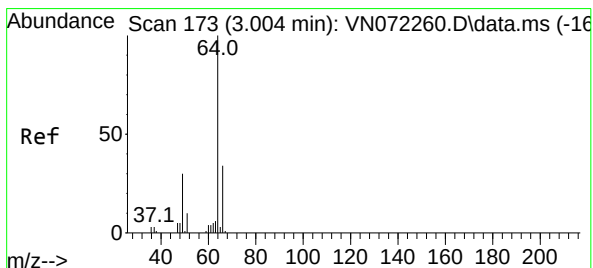
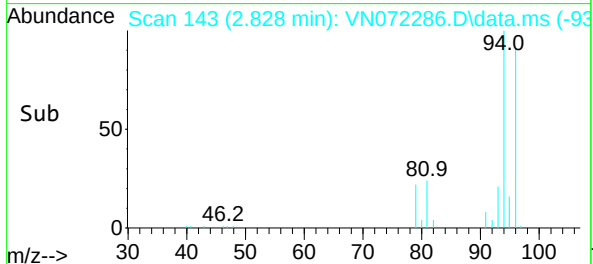
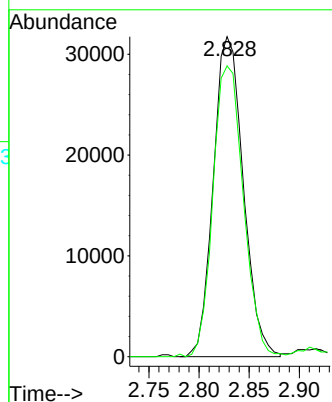
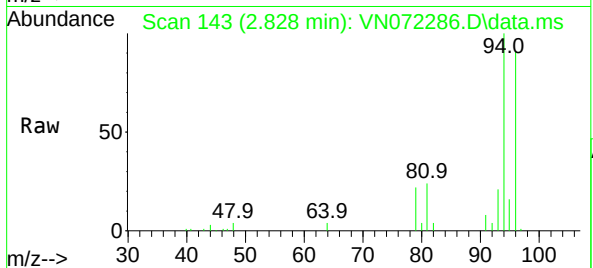




#5  
Bromomethane  
Concen: 52.680 ug/l  
RT: 2.828 min Scan# 144  
Delta R.T. -0.006 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

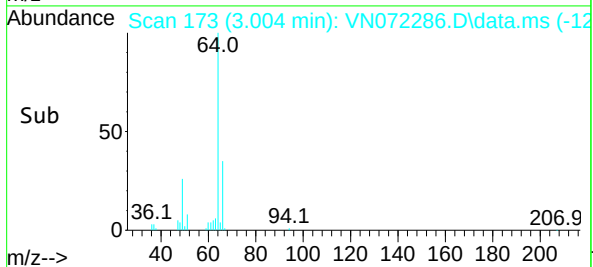
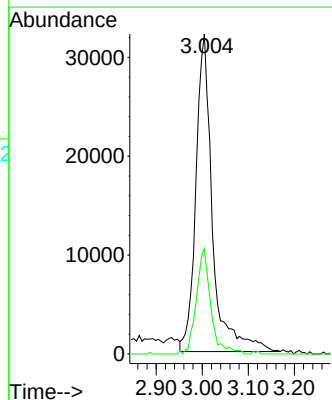
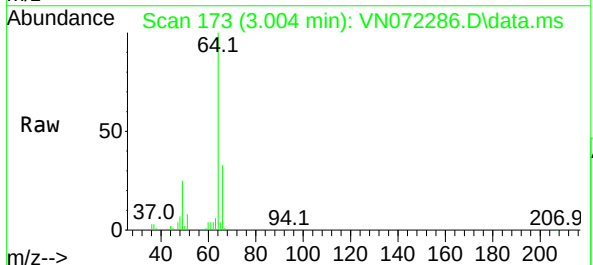
Instrument :  
MSVOA\_N  
ClientSampleId :

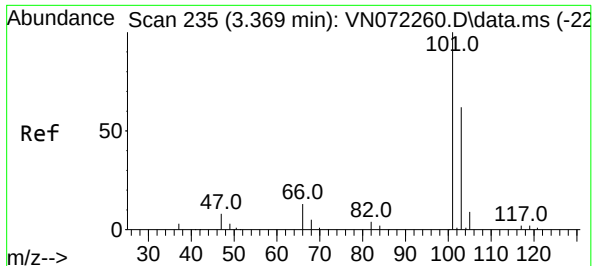
Tgt Ion: 94 Resp: 65953  
Ion Ratio Lower Upper  
94 100  
96 90.0 76.0 114.0



#6  
Chloroethane  
Concen: 54.346 ug/l  
RT: 3.004 min Scan# 173  
Delta R.T. -0.001 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

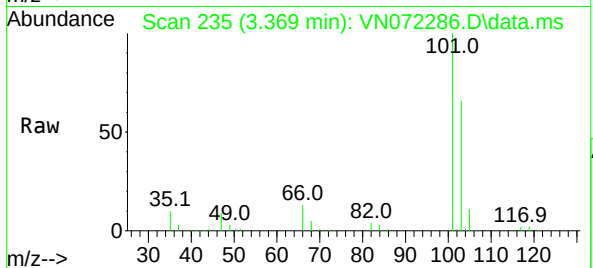
Tgt Ion: 64 Resp: 80310  
Ion Ratio Lower Upper  
64 100  
66 33.1 26.2 39.4



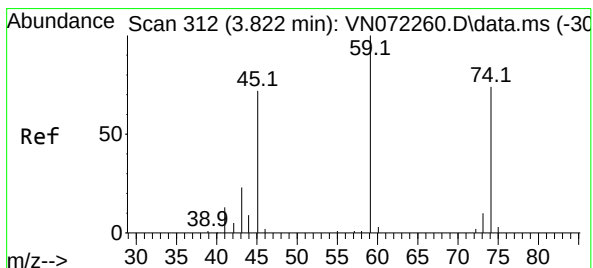
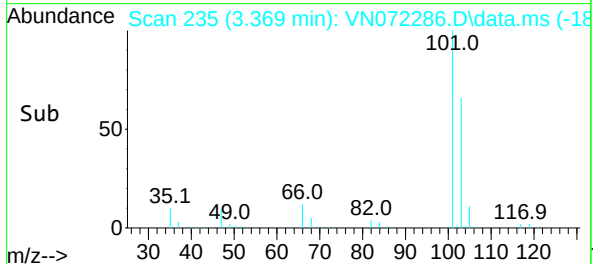
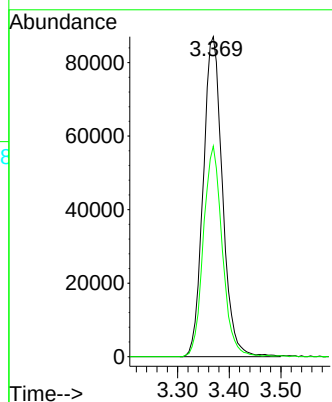


#7  
 Trichlorofluoromethane  
 Concen: 49.150 ug/l  
 RT: 3.369 min Scan# 211  
 Delta R.T. 0.000 min  
 Lab File: VN072286.D  
 Acq: 02 May 2022 10:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :

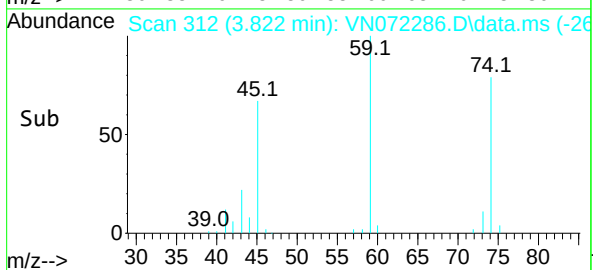
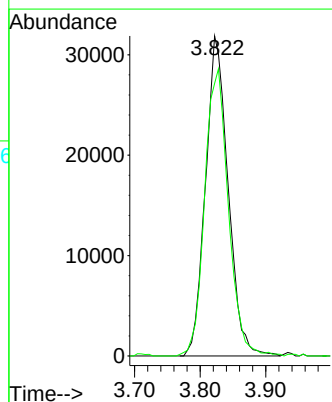
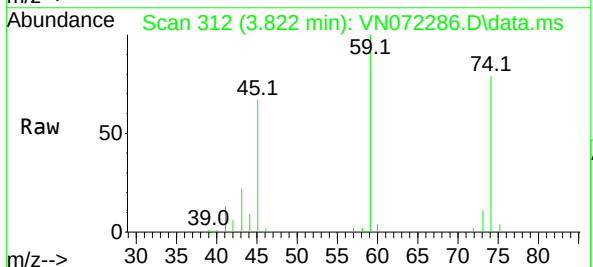


Tgt Ion:101 Resp: 225089  
 Ion Ratio Lower Upper  
 101 100  
 103 65.8 51.5 77.3

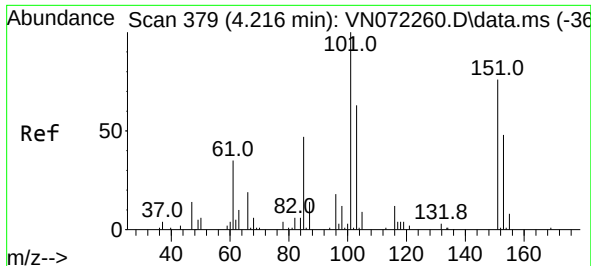


#8  
 Diethyl Ether  
 Concen: 46.102 ug/l  
 RT: 3.822 min Scan# 312  
 Delta R.T. 0.000 min  
 Lab File: VN072286.D  
 Acq: 02 May 2022 10:28

Tgt Ion: 74 Resp: 76451  
 Ion Ratio Lower Upper  
 74 100  
 45 93.9 42.9 128.5



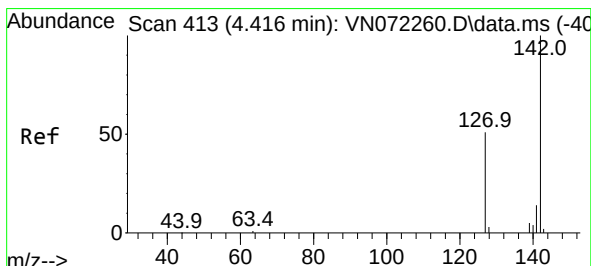
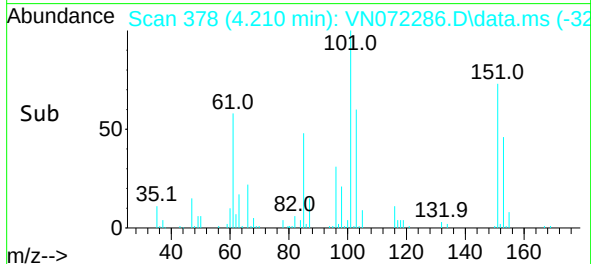
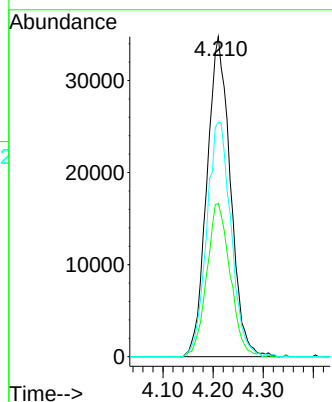
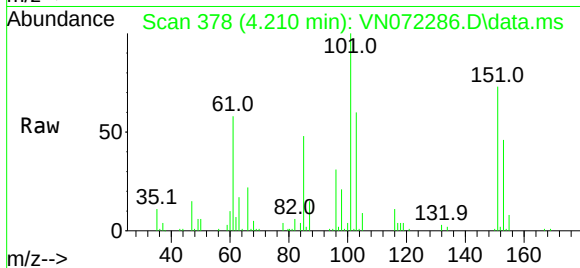




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.009 ug/l  
RT: 4.210 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

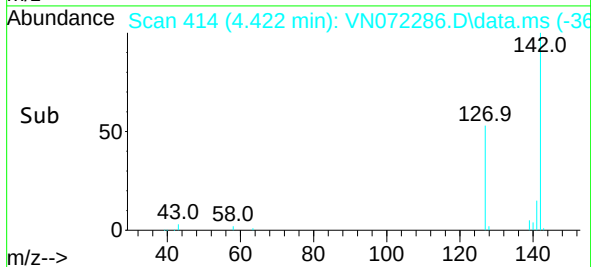
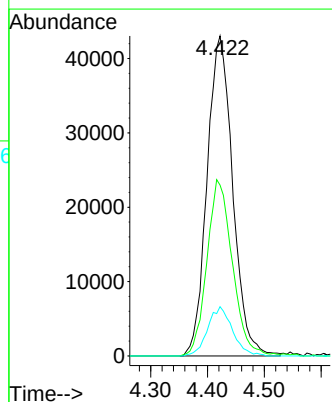
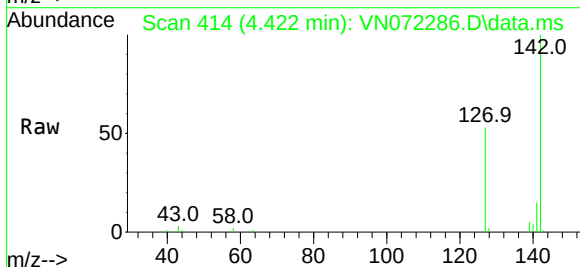
Instrument :  
MSVOA\_N  
ClientSampleId :

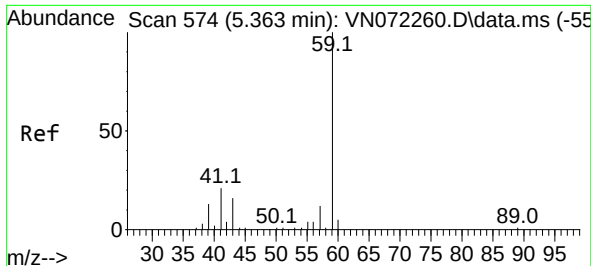
Tgt Ion:101 Resp: 113084  
Ion Ratio Lower Upper  
101 100  
85 47.7 34.7 52.1  
151 75.6 63.0 94.4



#10  
Methyl Iodide  
Concen: 46.238 ug/l  
RT: 4.422 min Scan# 414  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

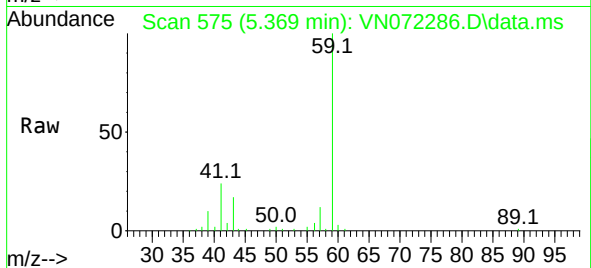
Tgt Ion:142 Resp: 135015  
Ion Ratio Lower Upper  
142 100  
127 54.6 31.3 46.9#  
141 14.9 11.2 16.8



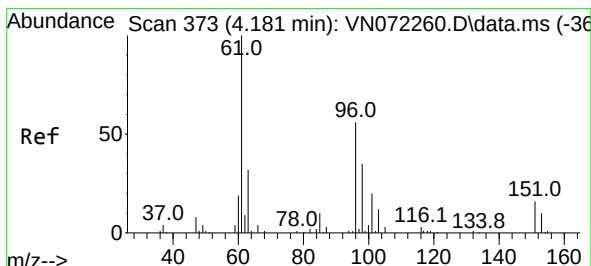
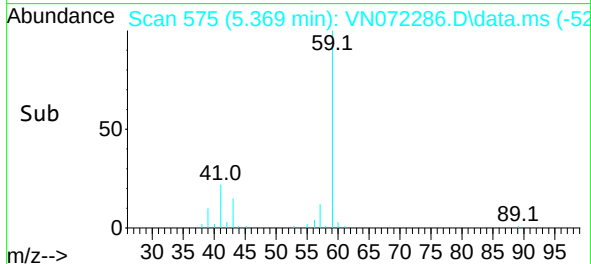
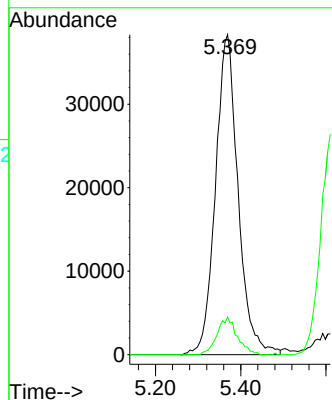


#11  
Tert butyl alcohol  
Concen: 240.543 ug/l  
RT: 5.369 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Instrument :  
MSVOA\_N  
ClientSampleId :

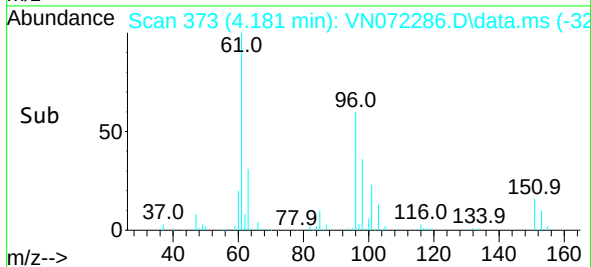
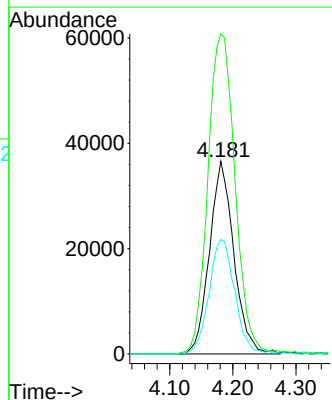
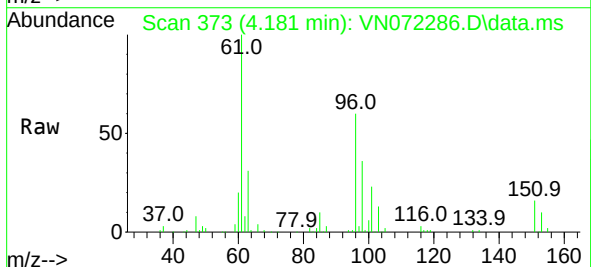


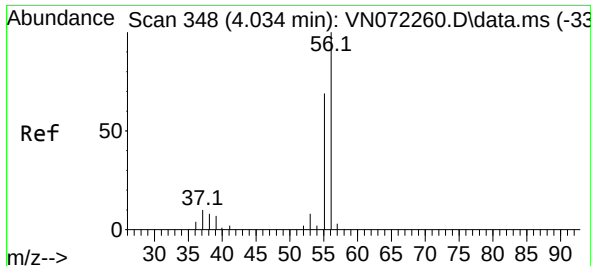
Tgt Ion: 59 Resp: 141314  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 44.154 ug/l  
RT: 4.181 min Scan# 373  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

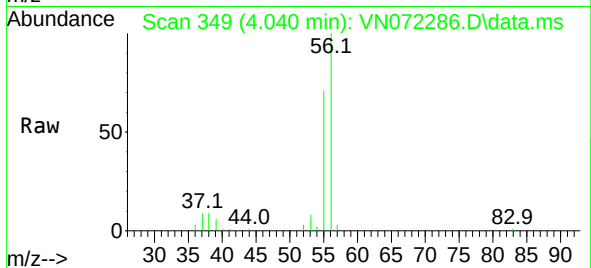
Tgt Ion: 96 Resp: 98198  
Ion Ratio Lower Upper  
96 100  
61 165.6 127.6 191.4  
98 59.4 51.2 76.8



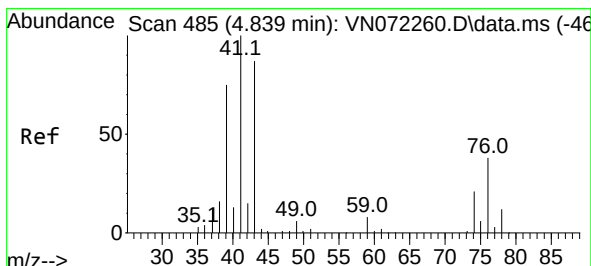
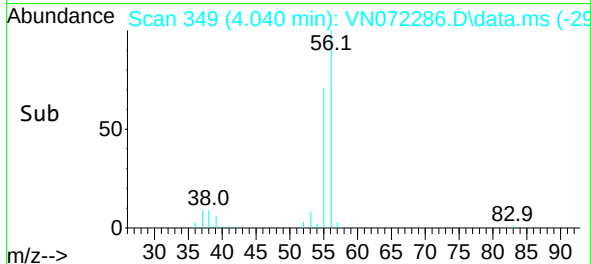
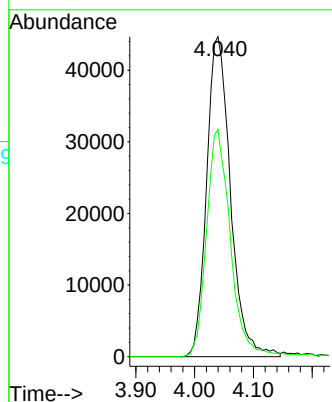


#13  
Acrolein  
Concen: 213.222 ug/l  
RT: 4.040 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Instrument :  
MSVOA\_N  
ClientSampleId :

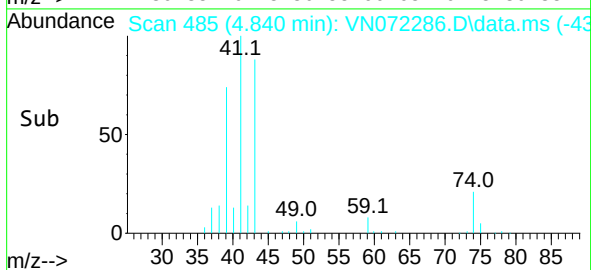
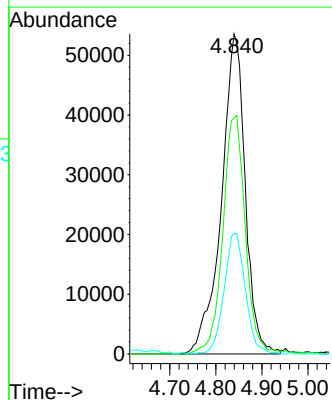
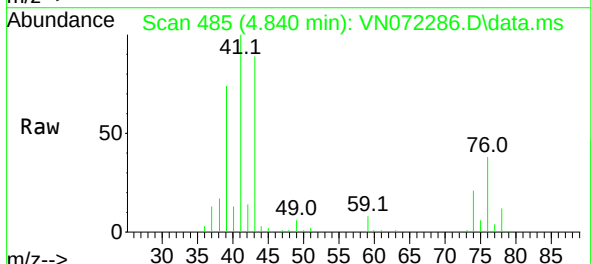


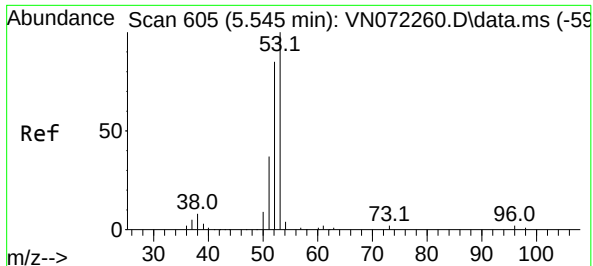
Tgt Ion: 56 Resp: 126060  
Ion Ratio Lower Upper  
56 100  
55 71.1 54.8 82.2



#14  
Allyl chloride  
Concen: 41.660 ug/l  
RT: 4.840 min Scan# 485  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

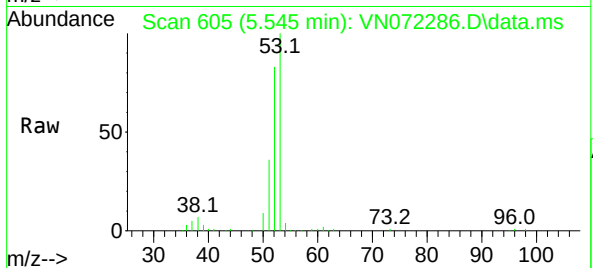
Tgt Ion: 41 Resp: 192371  
Ion Ratio Lower Upper  
41 100  
39 70.1 53.2 79.8  
76 33.6 29.9 44.9



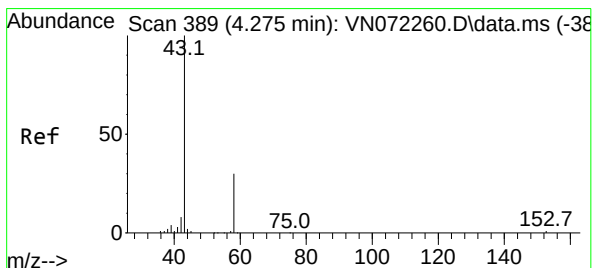
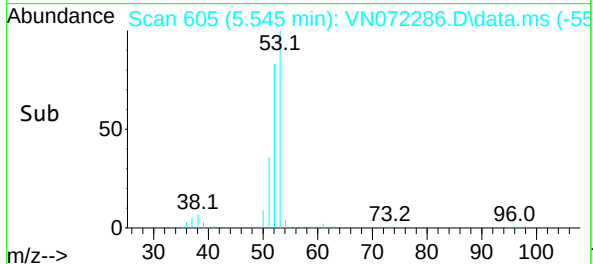
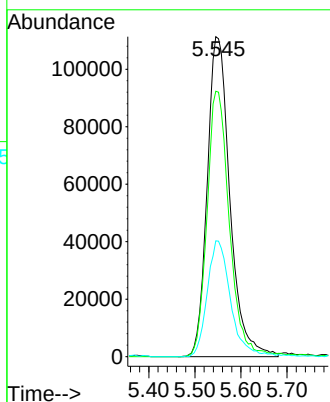


#15  
Acrylonitrile  
Concen: 214.656 ug/l  
RT: 5.545 min Scan# 605  
Delta R.T. -0.001 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Instrument :  
MSVOA\_N  
ClientSampleId :

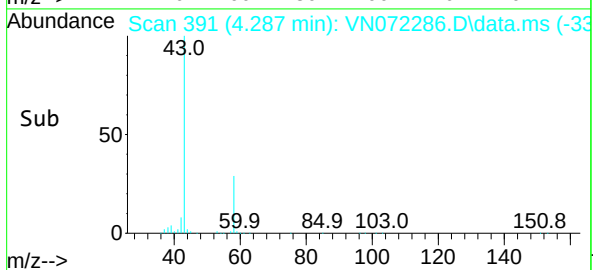
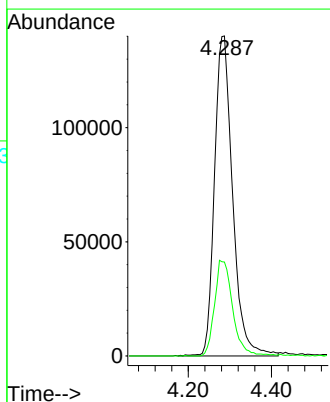
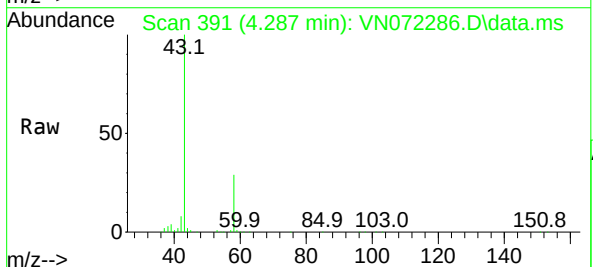


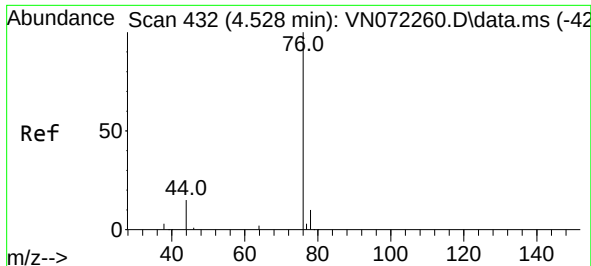
Tgt Ion: 53 Resp: 380545  
Ion Ratio Lower Upper  
53 100  
52 81.6 66.4 99.6  
51 37.6 28.5 42.7



#16  
Acetone  
Concen: 274.608 ug/l  
RT: 4.287 min Scan# 391  
Delta R.T. 0.006 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Tgt Ion: 43 Resp: 423247  
Ion Ratio Lower Upper  
43 100  
58 29.4 26.0 39.0

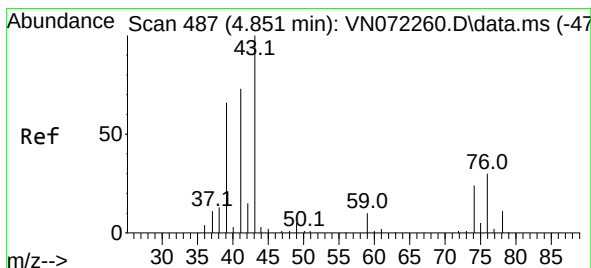
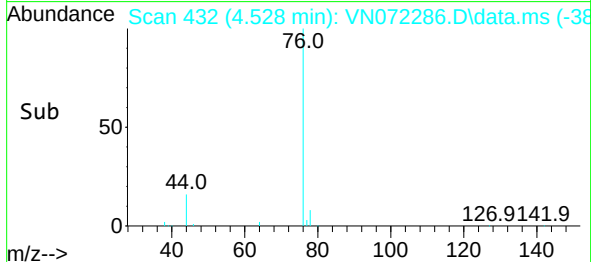
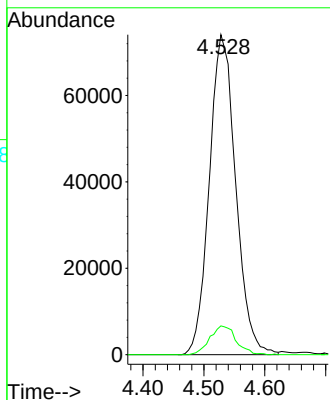
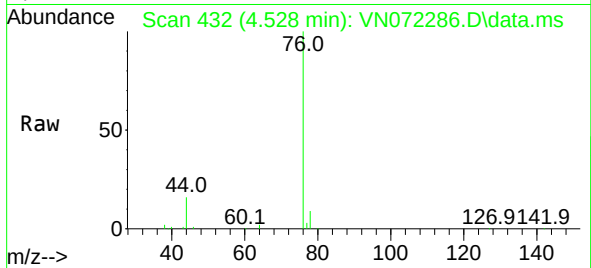




#17  
Carbon Disulfide  
Concen: 42.678 ug/l  
RT: 4.528 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

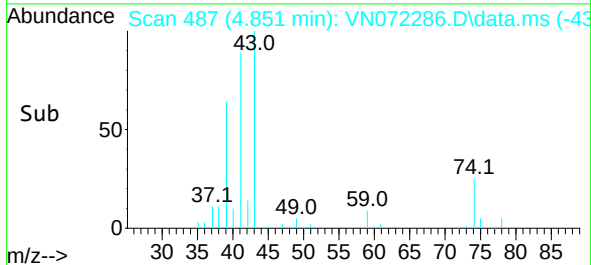
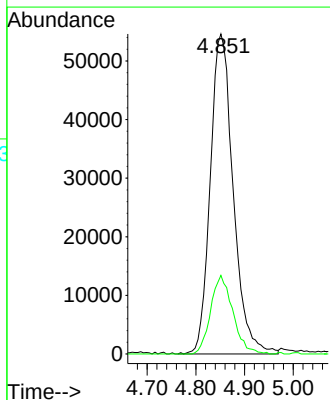
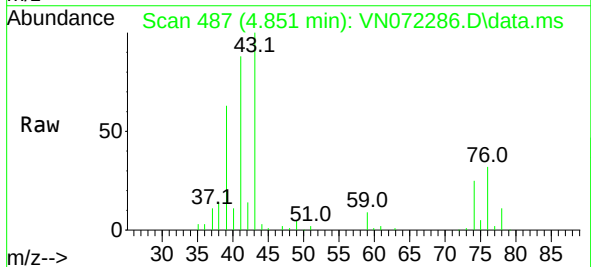
Instrument :  
MSVOA\_N  
ClientSampleId :

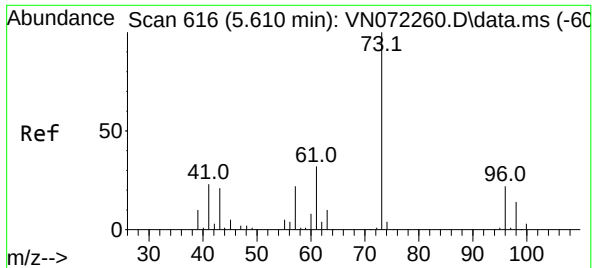
Tgt Ion: 76 Resp: 223039  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.2 10.8



#18  
Methyl Acetate  
Concen: 41.503 ug/l  
RT: 4.851 min Scan# 487  
Delta R.T. 0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

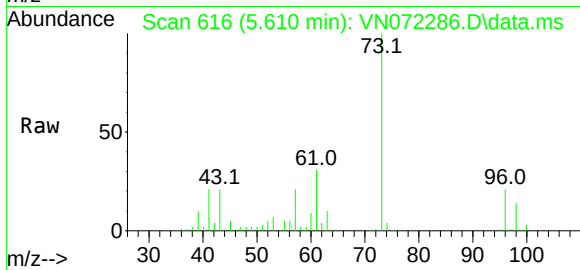
Tgt Ion: 43 Resp: 178854  
Ion Ratio Lower Upper  
43 100  
74 23.7 21.6 32.4



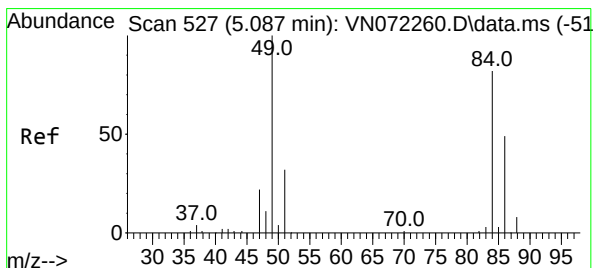
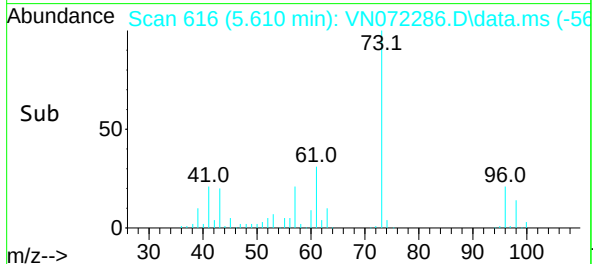
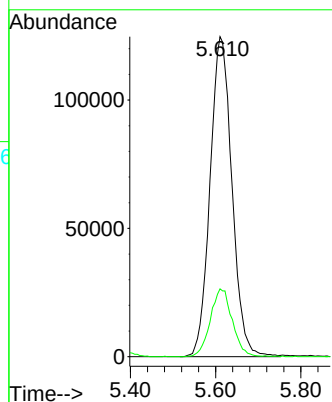


#19  
Methyl tert-butyl Ether  
Concen: 51.055 ug/l  
RT: 5.610 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Instrument :  
MSVOA\_N  
ClientSampleId :

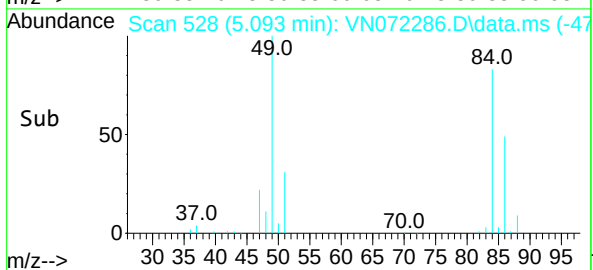
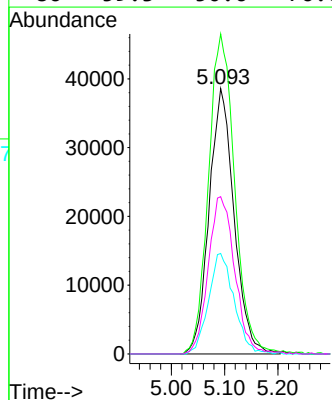
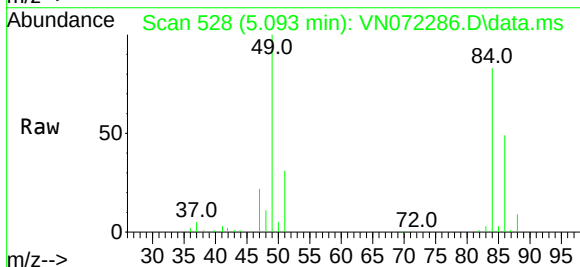


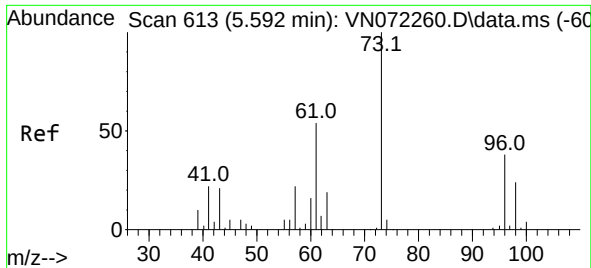
Tgt Ion: 73 Resp: 445083  
Ion Ratio Lower Upper  
73 100  
57 21.2 17.6 26.4



#20  
Methylene Chloride  
Concen: 42.474 ug/l  
RT: 5.093 min Scan# 528  
Delta R.T. 0.006 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Tgt Ion: 84 Resp: 125485  
Ion Ratio Lower Upper  
84 100  
49 120.6 88.3 132.5  
51 37.8 28.2 42.2  
86 59.3 50.6 76.0

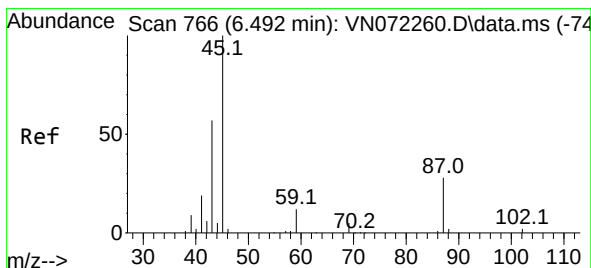
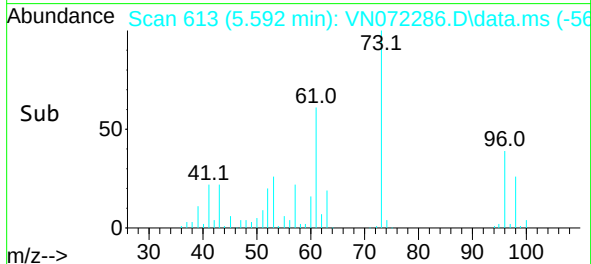
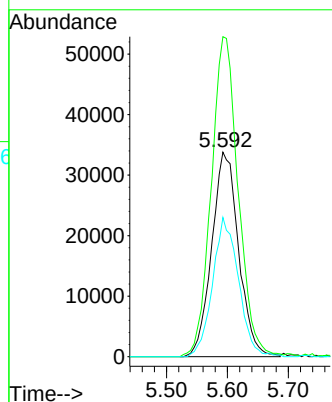
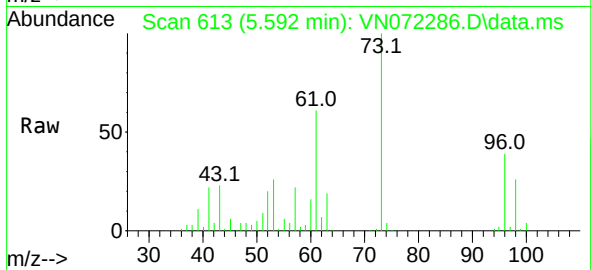




#21  
trans-1,2-Dichloroethene  
Concen: 42.251 ug/l  
RT: 5.592 min Scan# 613  
Delta R.T. -0.006 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

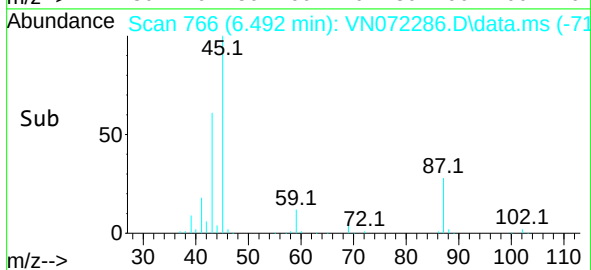
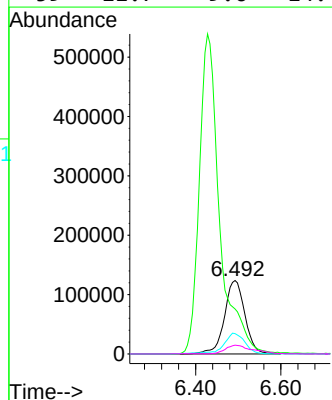
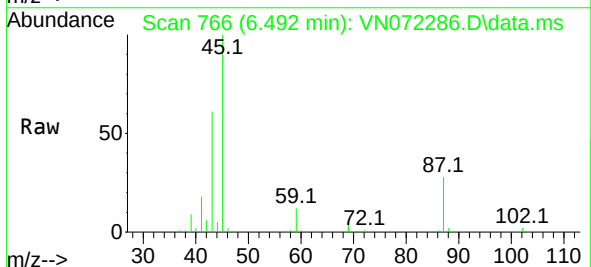
Instrument :  
MSVOA\_N  
ClientSampleId :

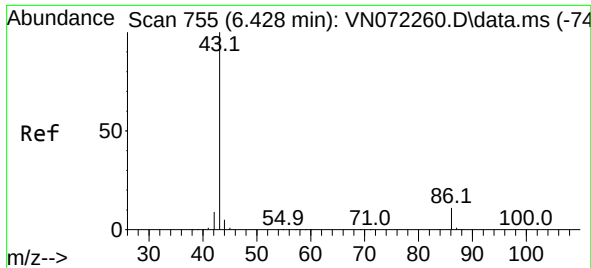
Tgt Ion: 96 Resp: 103617  
Ion Ratio Lower Upper  
96 100  
61 156.4 105.8 158.8  
98 68.0 50.3 75.5



#22  
Diisopropyl ether  
Concen: 43.335 ug/l  
RT: 6.492 min Scan# 766  
Delta R.T. 0.005 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Tgt Ion: 45 Resp: 412173  
Ion Ratio Lower Upper  
45 100  
43 60.7 46.6 70.0  
87 27.4 24.3 36.5  
59 11.7 9.6 14.4

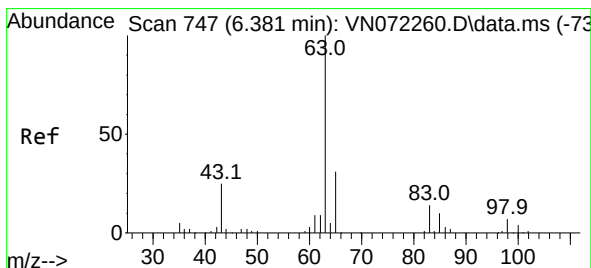
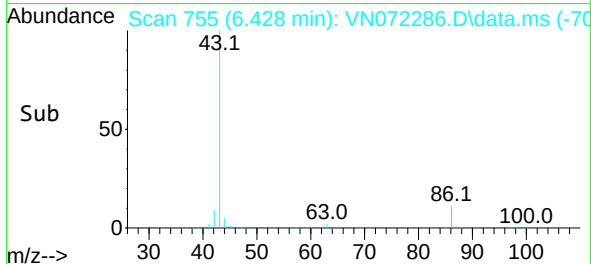
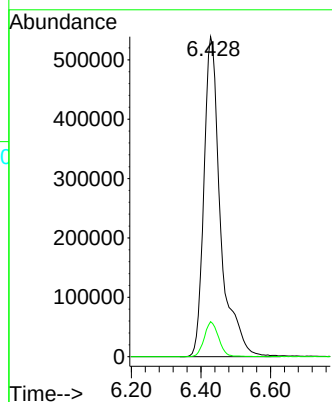
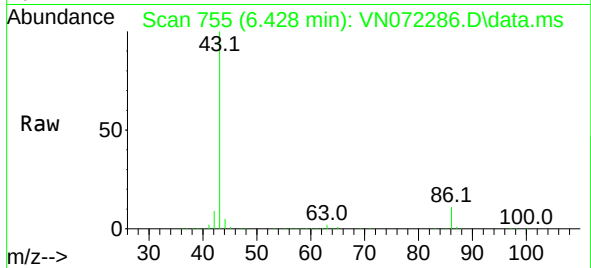




#23  
 Vinyl Acetate  
 Concen: 223.855 ug/l  
 RT: 6.428 min Scan# 755  
 Delta R.T. -0.000 min  
 Lab File: VN072286.D  
 Acq: 02 May 2022 10:28

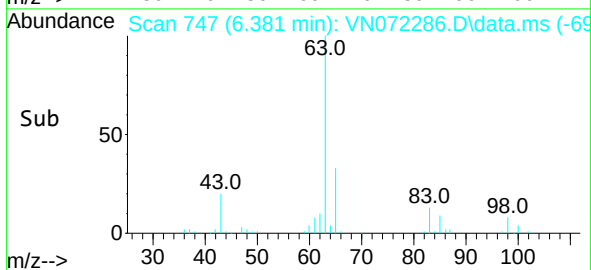
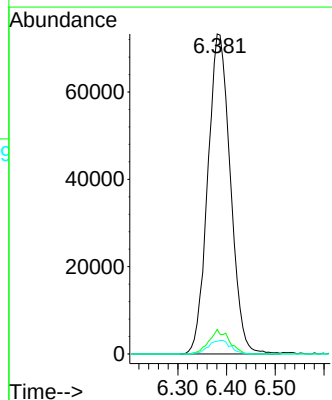
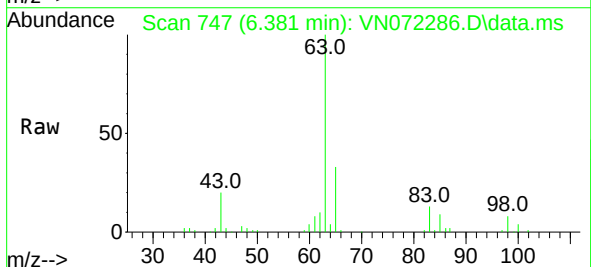
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 43 Resp: 1788194  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 10.0 15.0

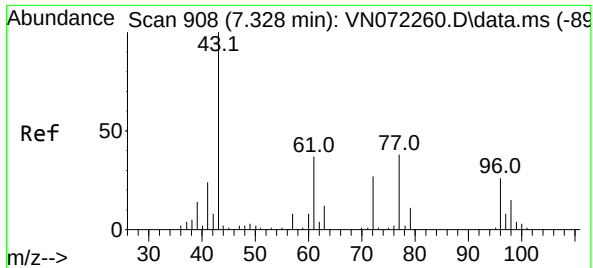


#24  
 1,1-Dichloroethane  
 Concen: 44.382 ug/l  
 RT: 6.381 min Scan# 747  
 Delta R.T. -0.006 min  
 Lab File: VN072286.D  
 Acq: 02 May 2022 10:28

Tgt Ion: 63 Resp: 236127  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.5 10.4  
 100 3.9 2.3 6.8



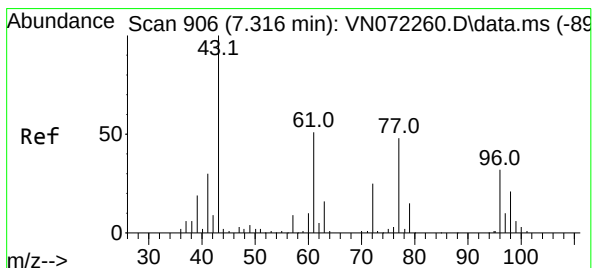
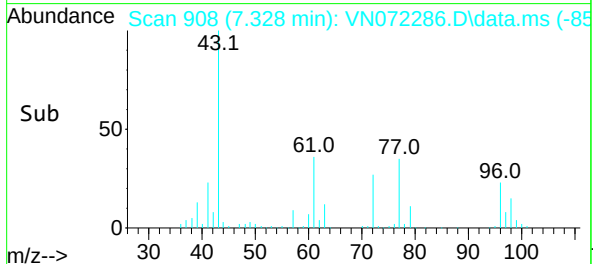
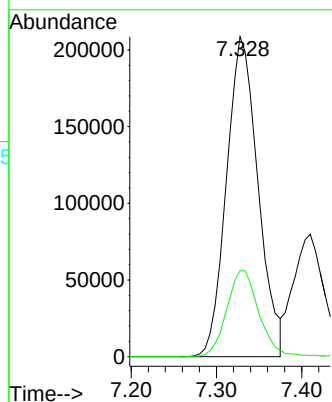
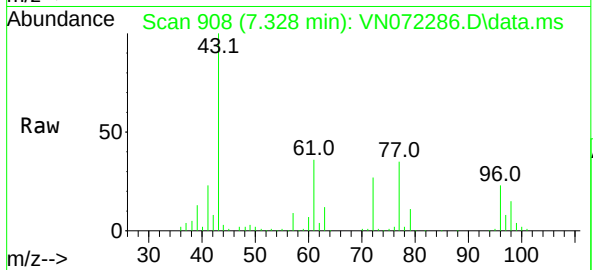




#25  
2-Butanone  
Concen: 219.181 ug/l  
RT: 7.328 min Scan# 908  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

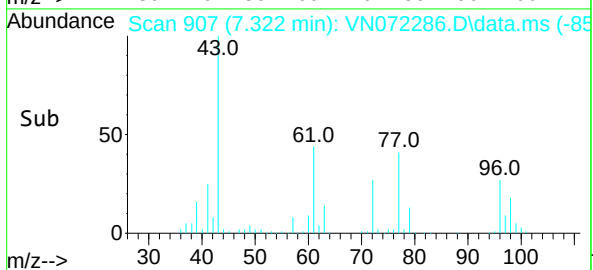
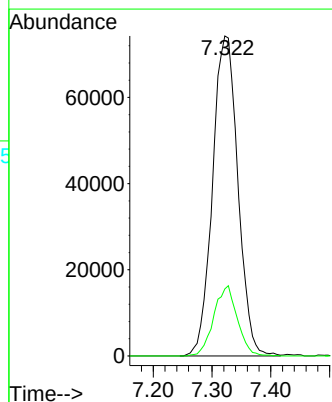
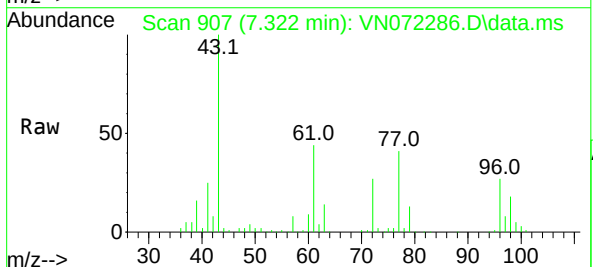
Instrument :  
MSVOA\_N  
ClientSampleId :

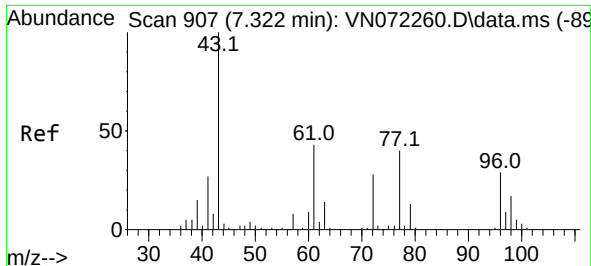
Tgt Ion: 43 Resp: 538002  
Ion Ratio Lower Upper  
43 100  
72 26.9 23.7 35.5



#26  
2,2-Dichloropropane  
Concen: 53.533 ug/l  
RT: 7.322 min Scan# 907  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

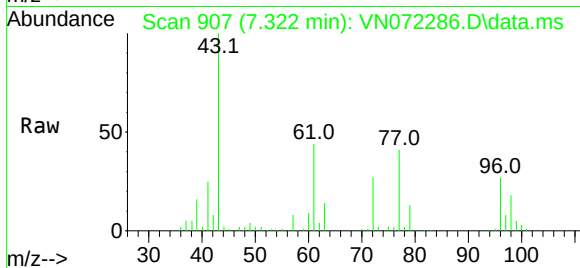
Tgt Ion: 77 Resp: 222480  
Ion Ratio Lower Upper  
77 100  
97 20.4 11.4 34.2





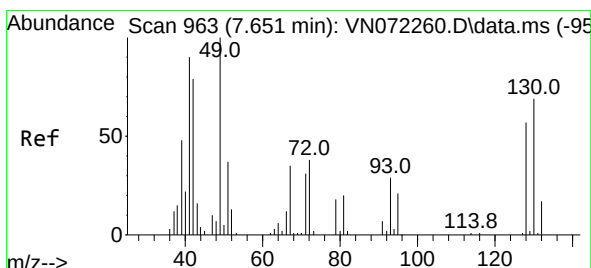
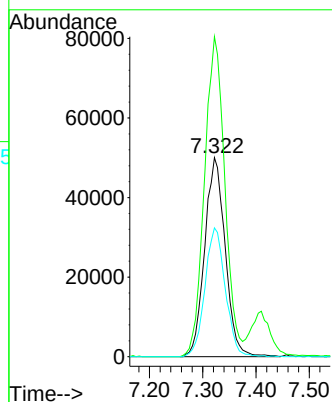
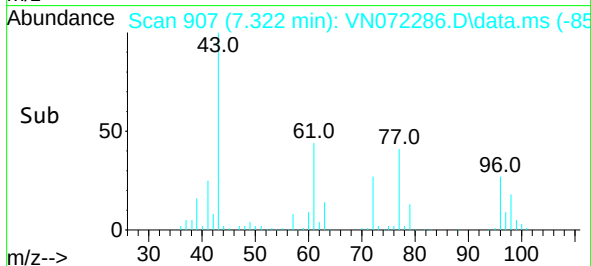
#27  
 cis-1,2-Dichloroethene  
 Concen: 44.909 ug/l  
 RT: 7.322 min Scan# 907  
 Delta R.T. -0.000 min  
 Lab File: VN072286.D  
 Acq: 02 May 2022 10:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion: 96 Resp: 134264  

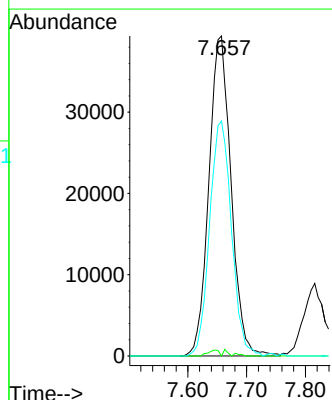
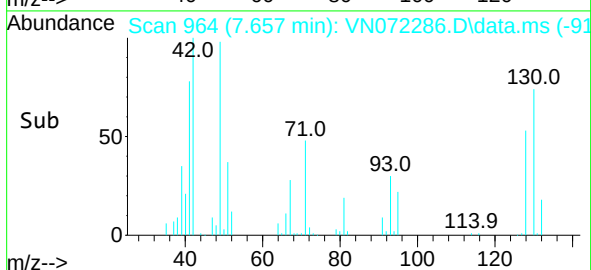
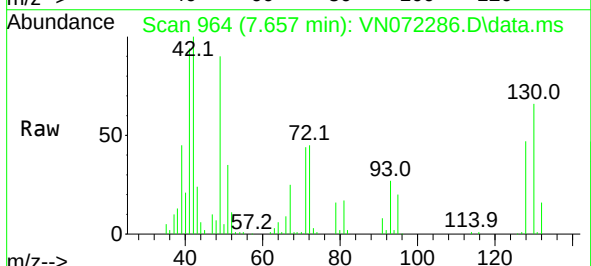
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 159.1 | 0.0   | 280.6 |
| 98  | 64.2  | 0.0   | 128.4 |

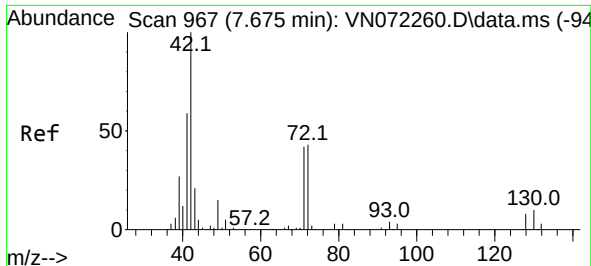


#28  
 Bromochloromethane  
 Concen: 43.326 ug/l  
 RT: 7.657 min Scan# 964  
 Delta R.T. 0.000 min  
 Lab File: VN072286.D  
 Acq: 02 May 2022 10:28

Tgt Ion: 49 Resp: 103217  

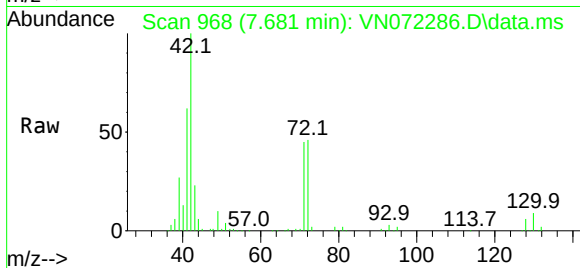
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.4   | 0.0   | 4.6   |
| 130 | 72.3  | 69.7  | 104.5 |



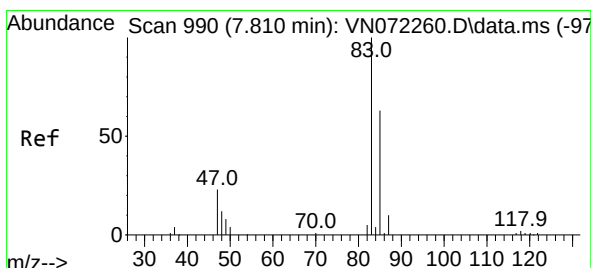
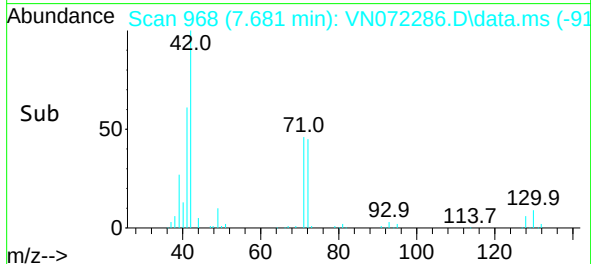
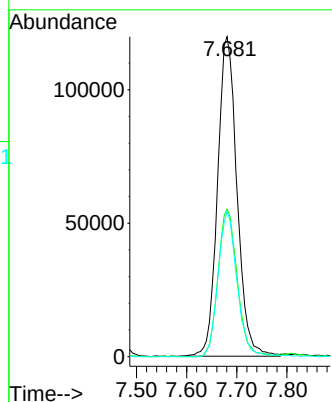


#29  
Tetrahydrofuran  
Concen: 200.288 ug/l  
RT: 7.681 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Instrument :  
MSVOA\_N  
ClientSampleId :

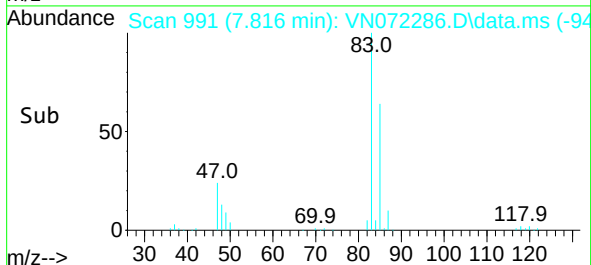
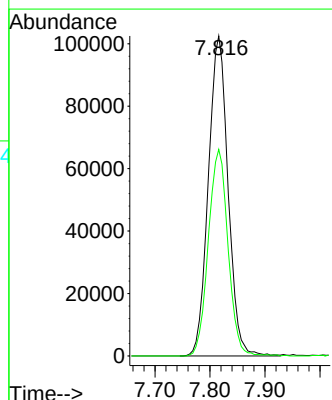
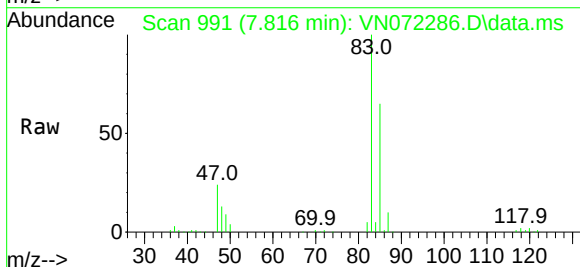


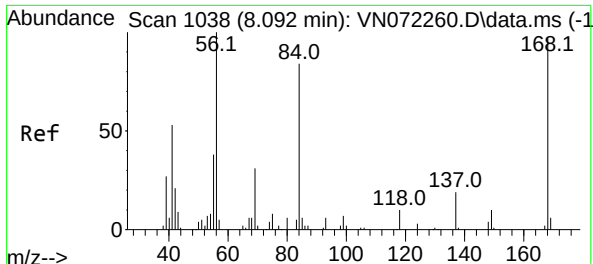
Tgt Ion: 42 Resp: 322639  
Ion Ratio Lower Upper  
42 100  
72 45.8 39.7 59.5  
71 44.1 36.6 55.0



#30  
Chloroform  
Concen: 47.766 ug/l  
RT: 7.816 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Tgt Ion: 83 Resp: 255159  
Ion Ratio Lower Upper  
83 100  
85 64.6 51.8 77.8





#31

Cyclohexane

Concen: 39.856 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

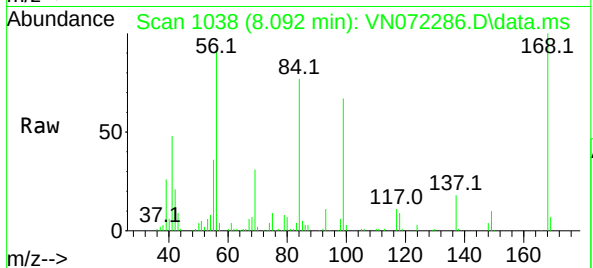
Lab File: VN072286.D

Acq: 02 May 2022 10:28

Instrument :

MSVOA\_N

ClientSampleId :



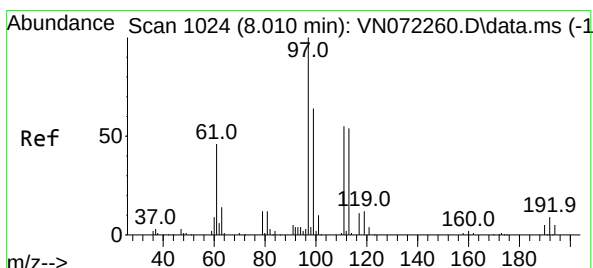
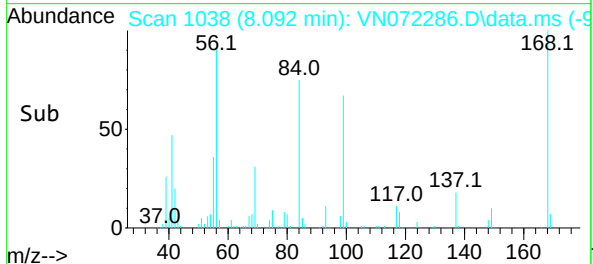
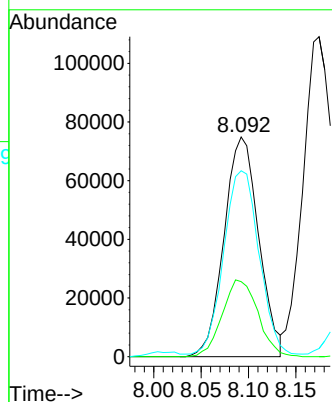
Tgt Ion: 56 Resp: 190375

Ion Ratio Lower Upper

56 100

69 34.2 27.8 41.8

84 83.4 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 52.380 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

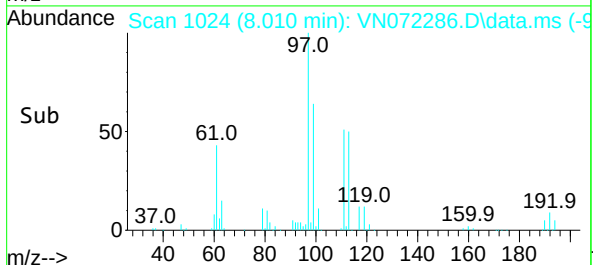
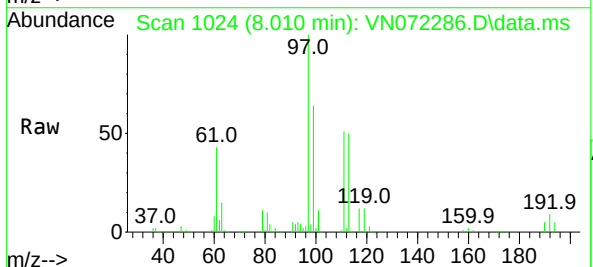
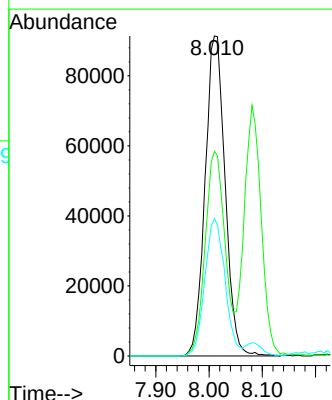
Tgt Ion: 97 Resp: 238112

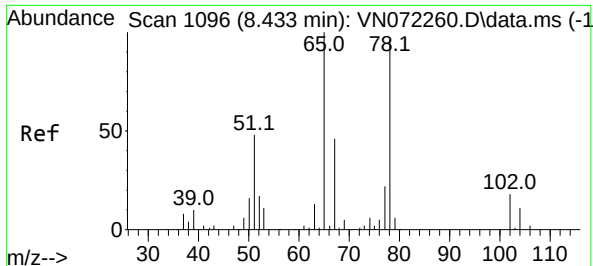
Ion Ratio Lower Upper

97 100

99 62.9 50.6 76.0

61 43.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 51.599 ug/l

RT: 8.433 min Scan# 1186

Delta R.T. -0.001 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

Instrument :

MSVOA\_N

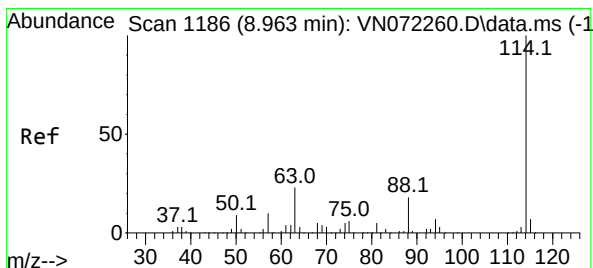
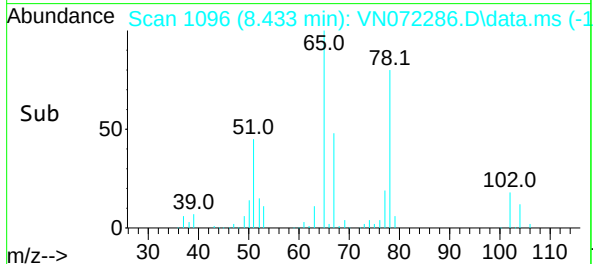
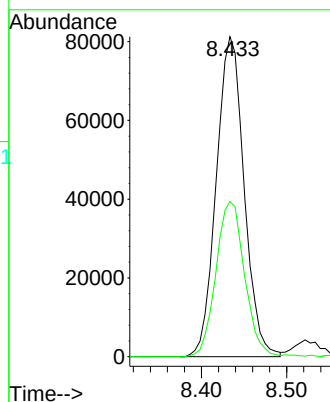
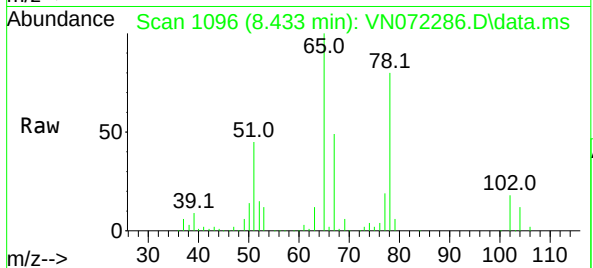
ClientSampleId :

Tgt Ion: 65 Resp: 184459

Ion Ratio Lower Upper

65 100

67 49.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1187

Delta R.T. 0.006 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

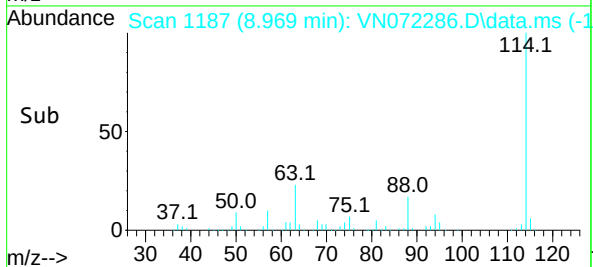
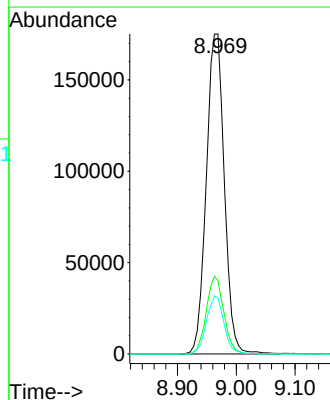
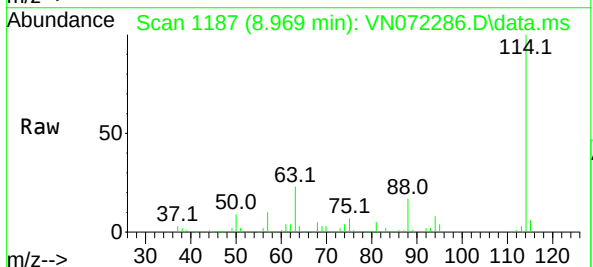
Tgt Ion: 114 Resp: 373815

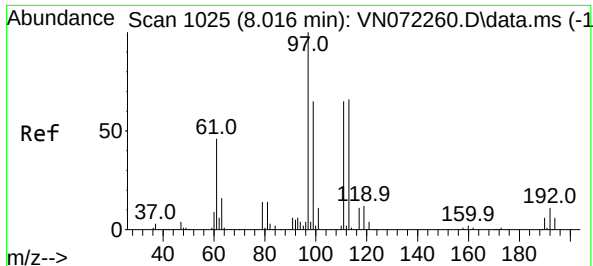
Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

88 17.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.742 ug/l

RT: 8.022 min Scan# 1060

Delta R.T. 0.006 min

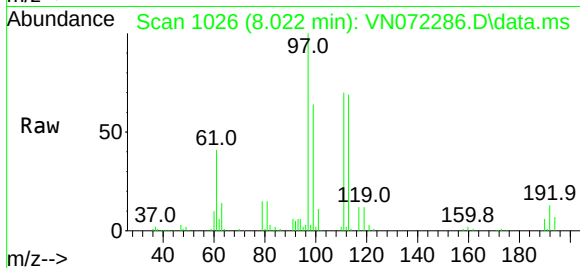
Lab File: VN072286.D

Acq: 02 May 2022 10:28

Instrument :

MSVOA\_N

ClientSampleId :



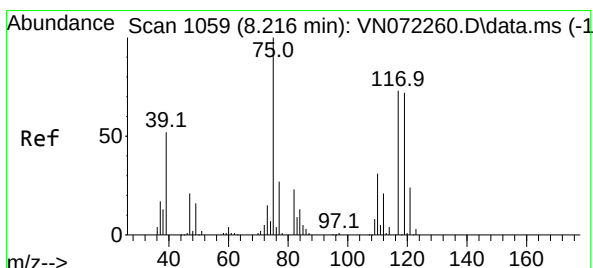
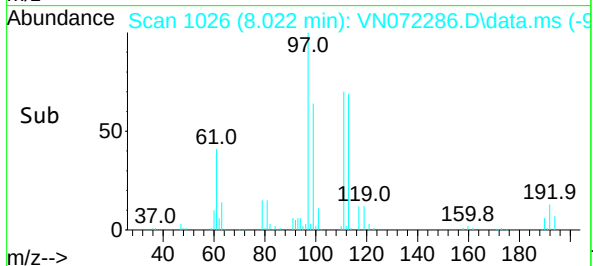
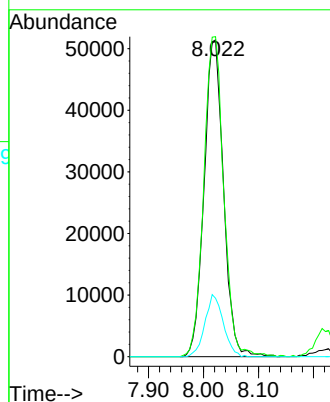
Tgt Ion:113 Resp: 126193

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 18.6 17.0 25.6



#36

1,1-Dichloropropene

Concen: 50.298 ug/l

RT: 8.222 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

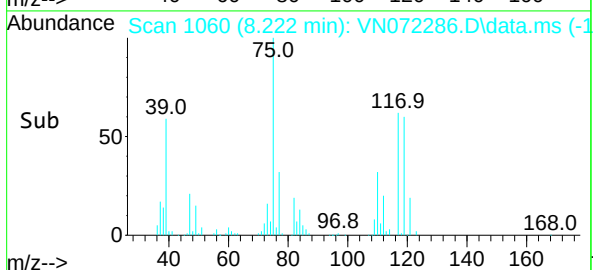
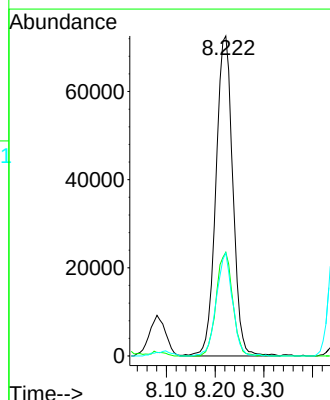
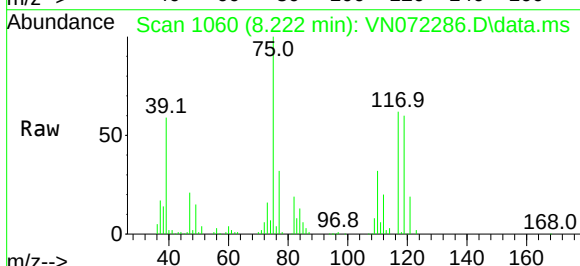
Tgt Ion: 75 Resp: 175170

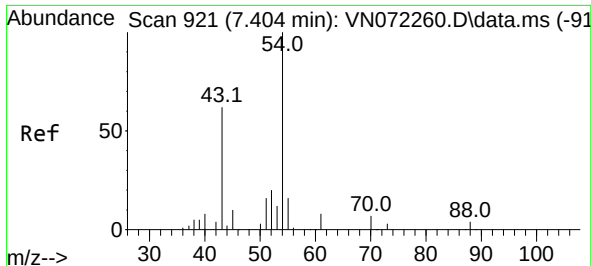
Ion Ratio Lower Upper

75 100

110 31.6 18.3 54.8

77 30.6 25.1 37.7





#37

Ethyl Acetate

Concen: 45.373 ug/l

RT: 7.410 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

Instrument :

MSVOA\_N

ClientSampleId :

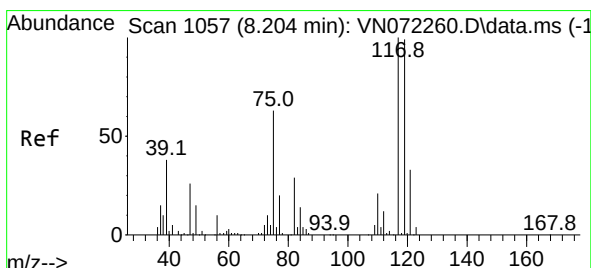
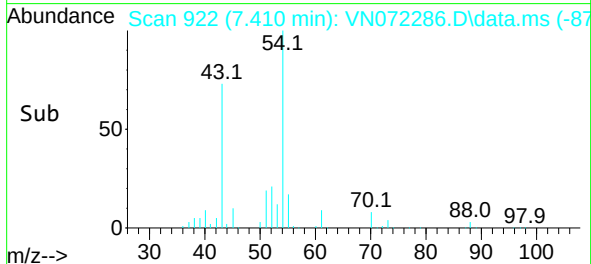
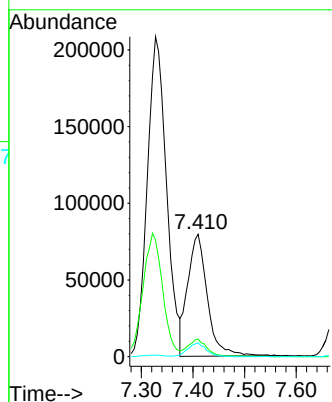
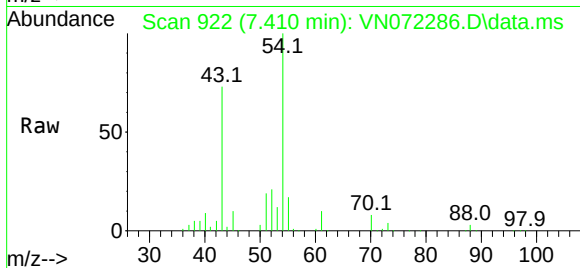
Tgt Ion: 43 Resp: 209850

Ion Ratio Lower Upper

43 100

61 13.3 11.8 17.6

70 10.6 9.3 13.9



#38

Carbon Tetrachloride

Concen: 55.455 ug/l

RT: 8.204 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

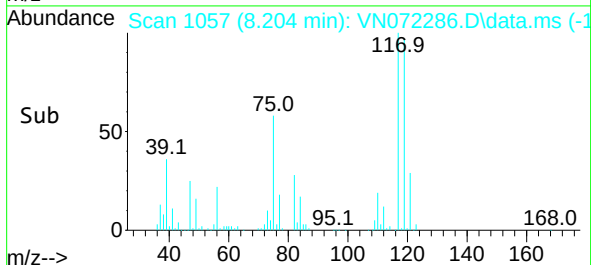
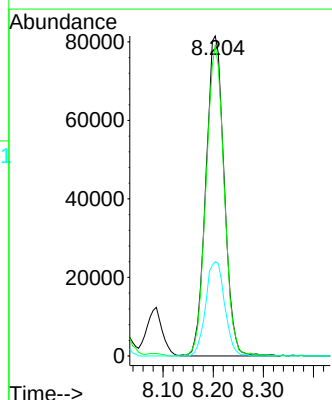
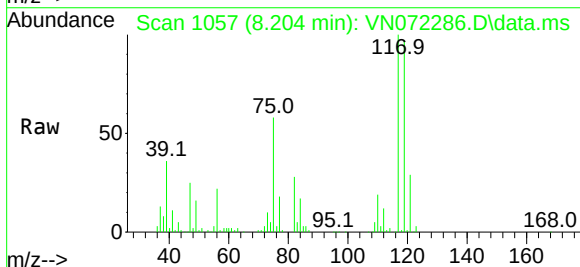
Tgt Ion: 117 Resp: 206846

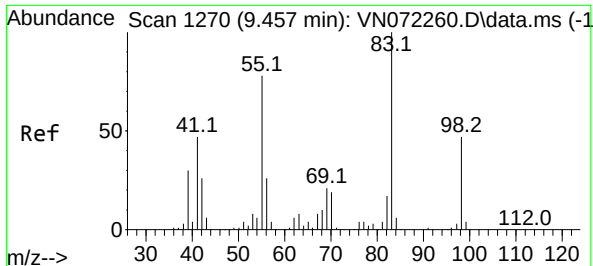
Ion Ratio Lower Upper

117 100

119 97.2 75.8 113.8

121 29.5 24.6 37.0





#39

Methylcyclohexane

Concen: 49.985 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

Instrument :

MSVOA\_N

ClientSampleId :

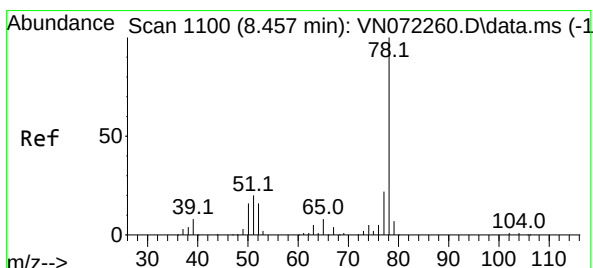
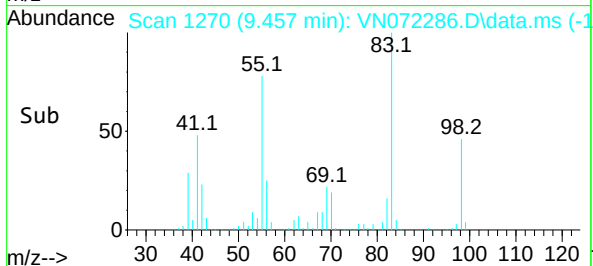
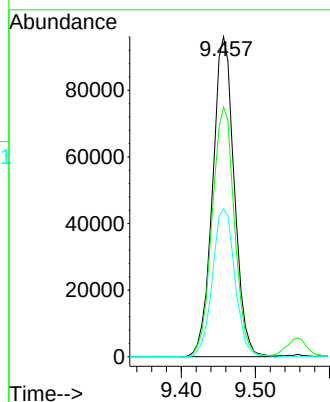
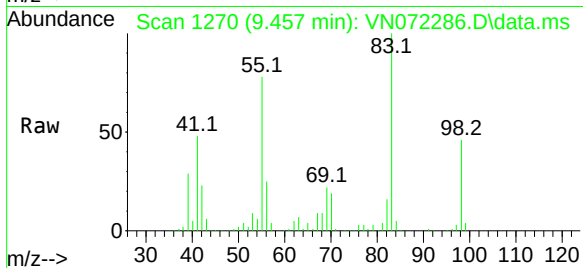
Tgt Ion: 83 Resp: 194696

Ion Ratio Lower Upper

83 100

55 78.1 57.8 86.8

98 46.2 39.4 59.2



#40

Benzene

Concen: 46.687 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072286.D

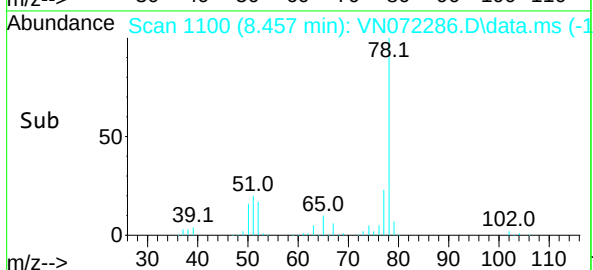
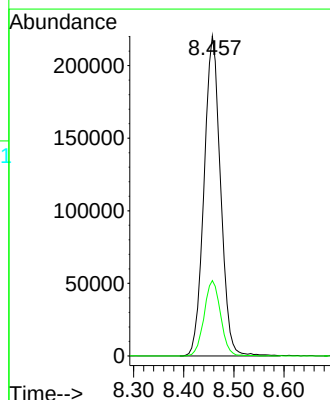
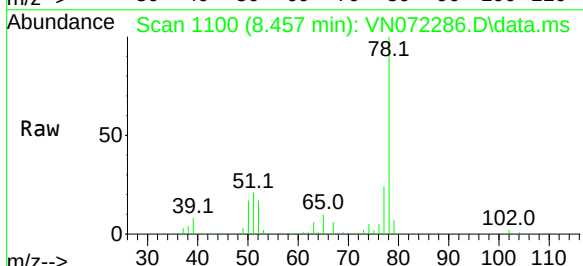
Acq: 02 May 2022 10:28

Tgt Ion: 78 Resp: 504332

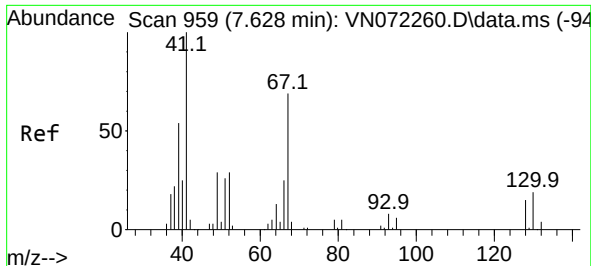
Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.0





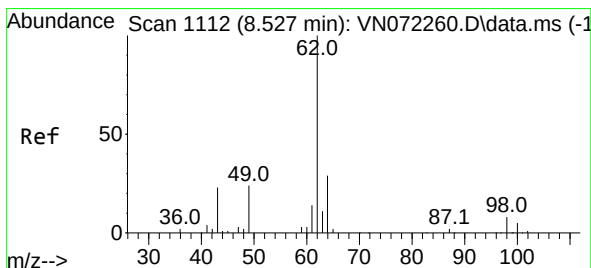
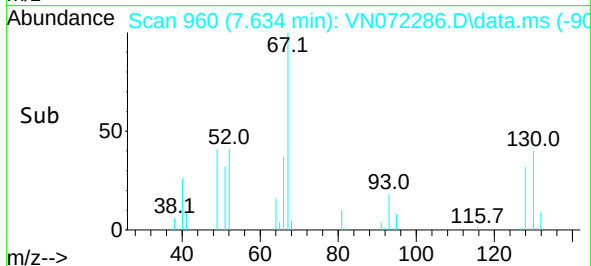
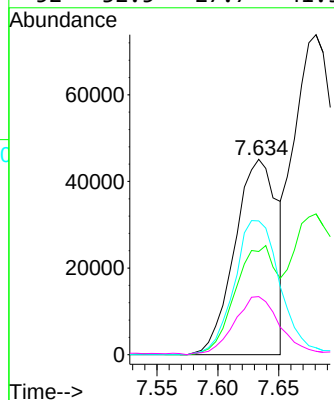
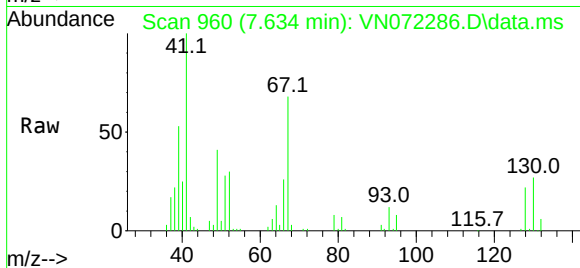


#41  
Methacrylonitrile  
Concen: 46.896 ug/l  
RT: 7.634 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 41 Resp: 109724

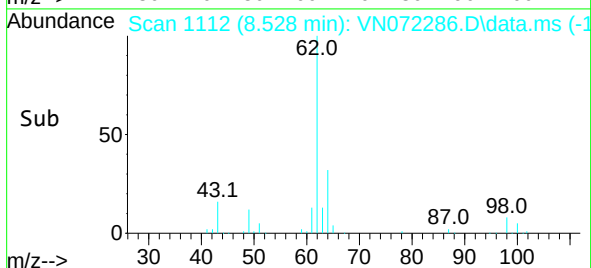
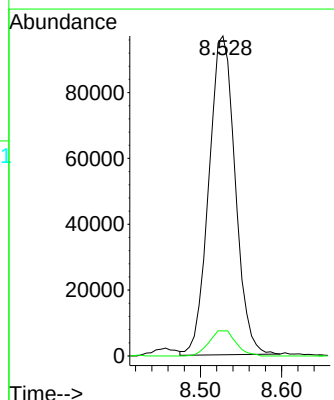
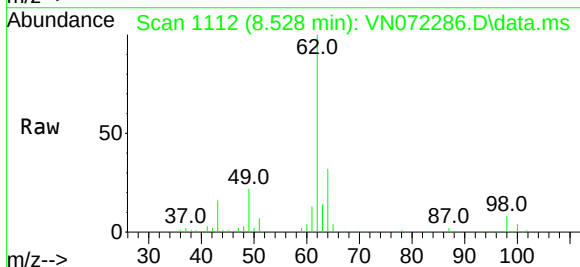
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 54.8  | 48.6  | 73.0  |
| 67  | 74.8  | 73.4  | 110.2 |
| 52  | 32.5  | 27.7  | 41.5  |

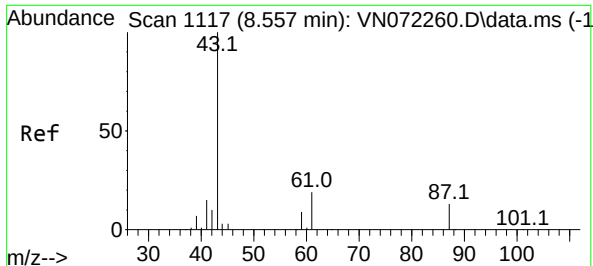


#42  
1,2-Dichloroethane  
Concen: 52.813 ug/l  
RT: 8.528 min Scan# 1112  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Tgt Ion: 62 Resp: 218415

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.1   | 0.0   | 19.4  |

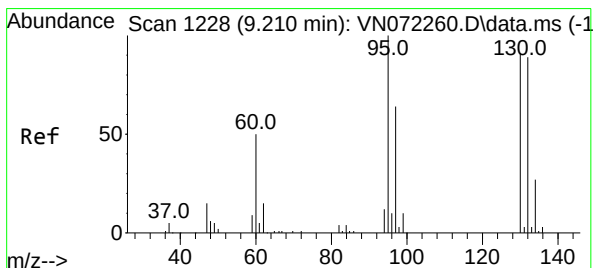
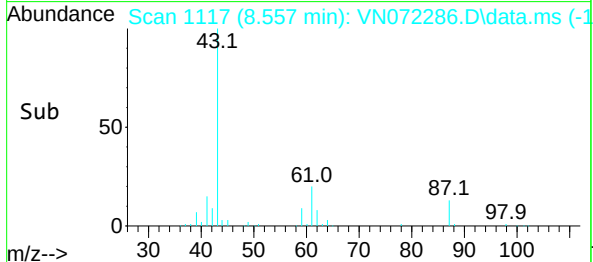
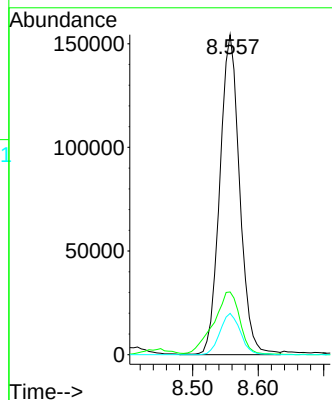
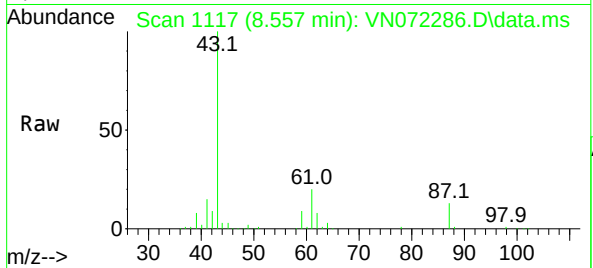




#43  
Isopropyl Acetate  
Concen: 44.682 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

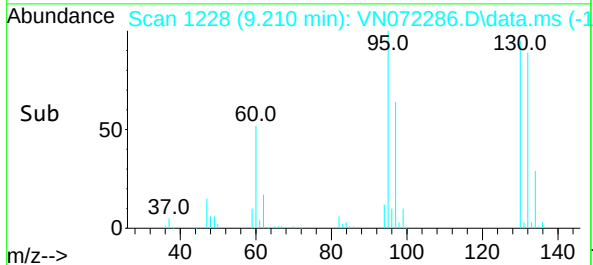
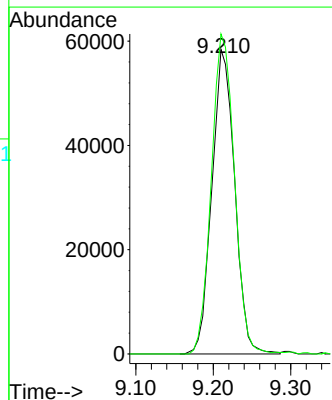
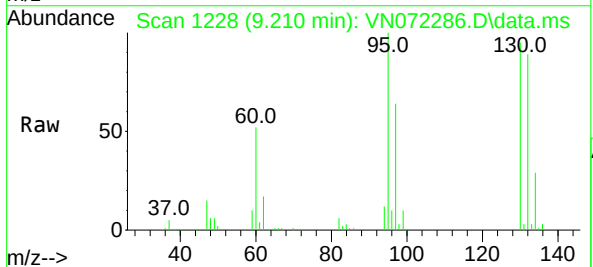
Instrument :  
MSVOA\_N  
ClientSampleId :

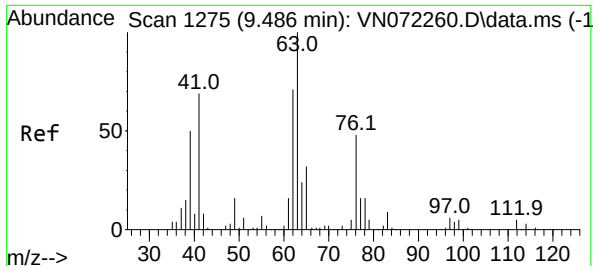
Tgt Ion: 43 Resp: 323839  
Ion Ratio Lower Upper  
43 100  
61 26.3 21.9 32.9  
87 13.2 12.0 18.0



#44  
Trichloroethene  
Concen: 47.597 ug/l  
RT: 9.210 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Tgt Ion:130 Resp: 119604  
Ion Ratio Lower Upper  
130 100  
95 105.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 45.830 ug/l

RT: 9.486 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

Instrument :

MSVOA\_N

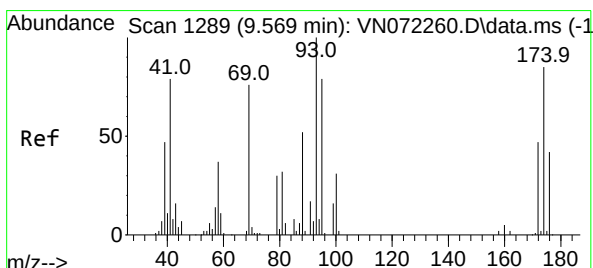
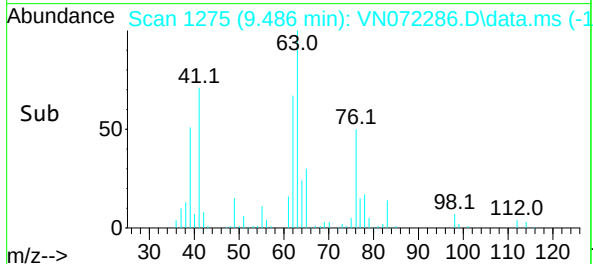
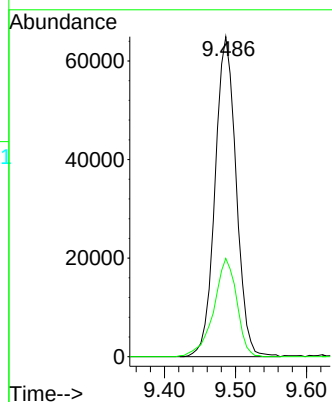
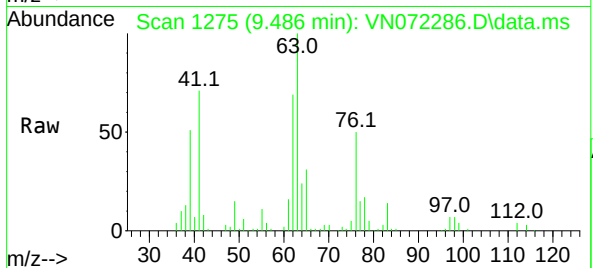
ClientSampleId :

Tgt Ion: 63 Resp: 133778

Ion Ratio Lower Upper

63 100

65 30.7 24.9 37.3



#46

Dibromomethane

Concen: 50.191 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

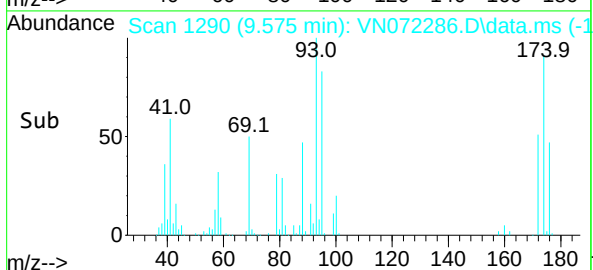
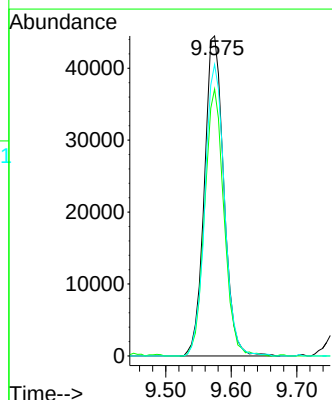
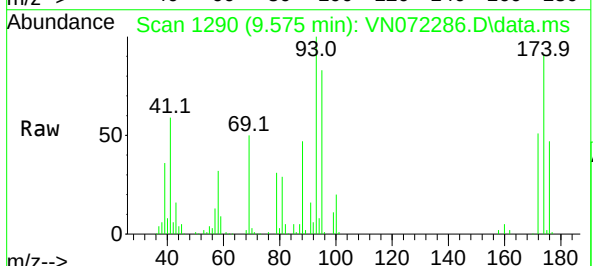
Tgt Ion: 93 Resp: 91777

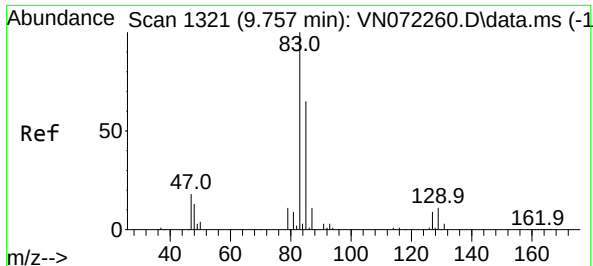
Ion Ratio Lower Upper

93 100

95 82.8 66.9 100.3

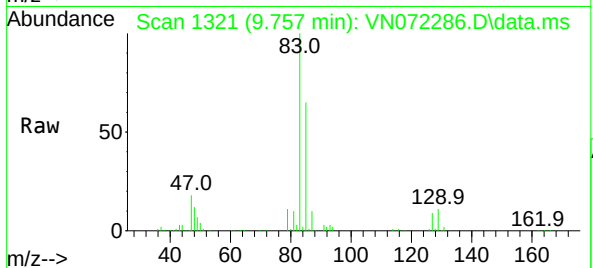
174 91.6 86.6 130.0



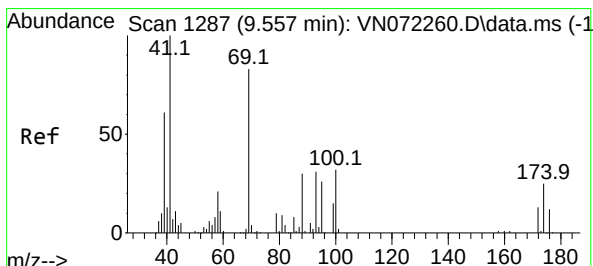
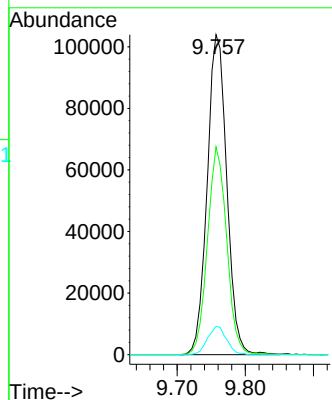
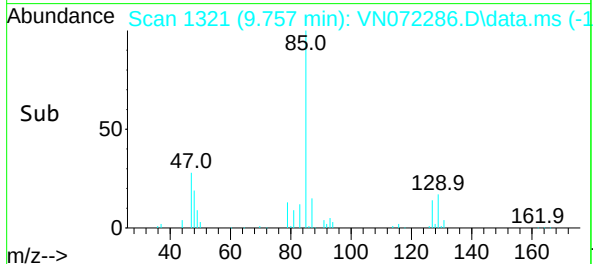


#47  
Bromodichloromethane  
Concen: 54.292 ug/l  
RT: 9.757 min Scan# 1321  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

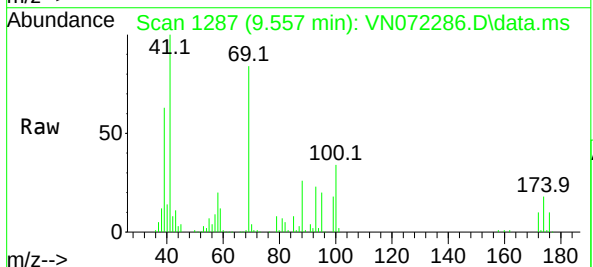
Instrument :  
MSVOA\_N  
ClientSampleId :



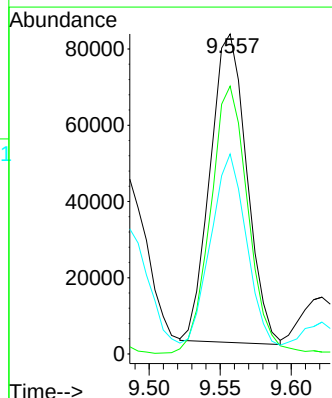
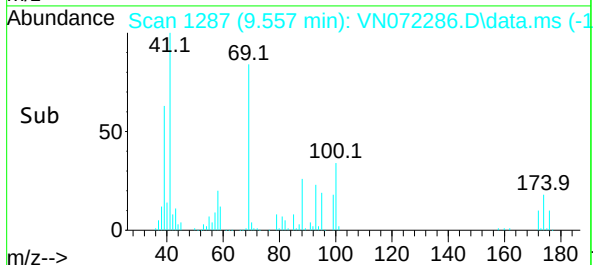
Tgt Ion: 83 Resp: 208306  
Ion Ratio Lower Upper  
83 100  
85 64.9 50.5 75.7  
127 8.9 6.8 10.2

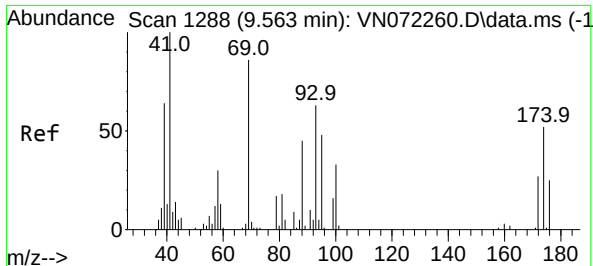


#48  
Methyl methacrylate  
Concen: 47.551 ug/l  
RT: 9.557 min Scan# 1287  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28



Tgt Ion: 41 Resp: 145270  
Ion Ratio Lower Upper  
41 100  
69 89.3 74.7 112.1  
39 65.7 45.6 68.4

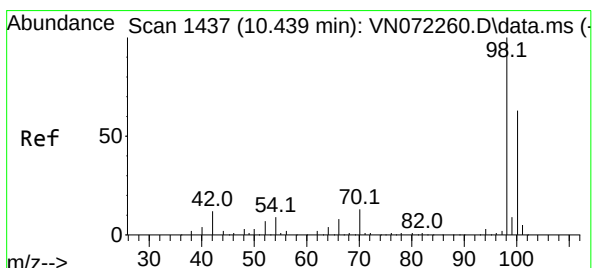
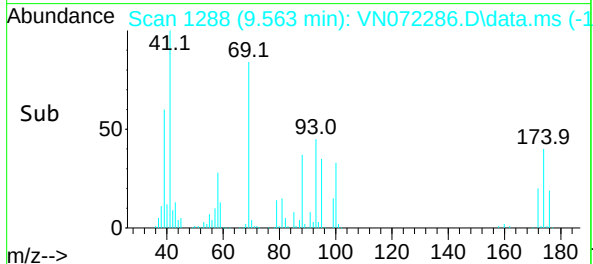
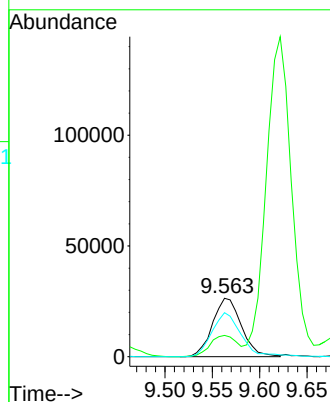
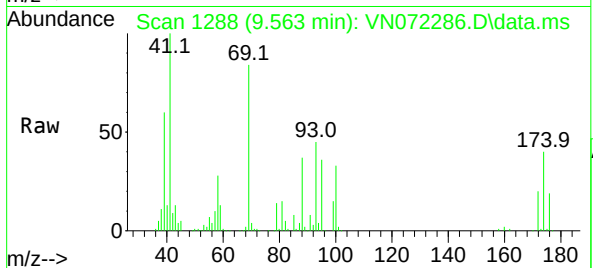




#49  
1,4-Dioxane  
Concen: 1043.309 ug/l  
RT: 9.563 min Scan# 1288  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

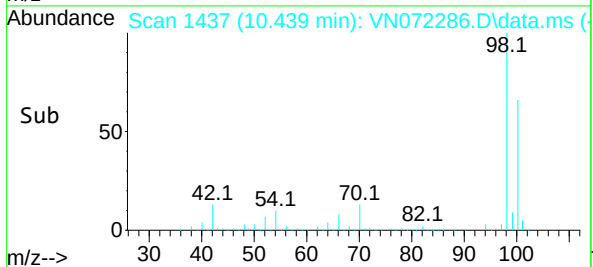
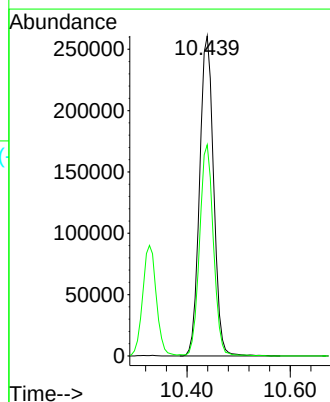
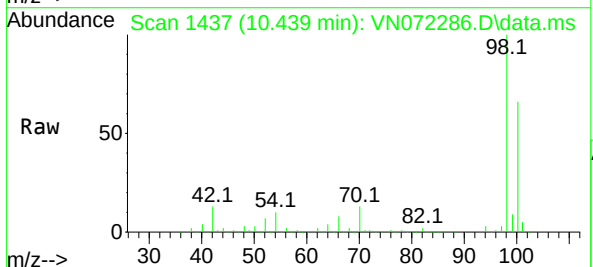
Instrument :  
MSVOA\_N  
ClientSampleId :

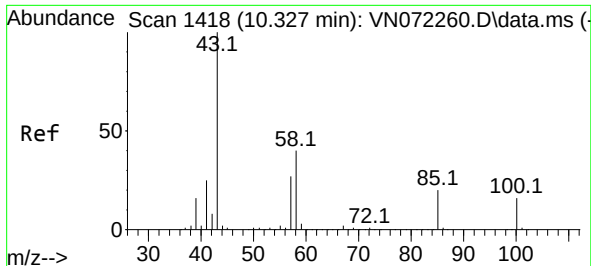
Tgt Ion: 88 Resp: 55990  
Ion Ratio Lower Upper  
88 100  
43 33.9 20.2 30.4#  
58 76.9 54.2 81.4



#50  
Toluene-d8  
Concen: 52.170 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Tgt Ion: 98 Resp: 490482  
Ion Ratio Lower Upper  
98 100  
100 65.5 52.6 78.8

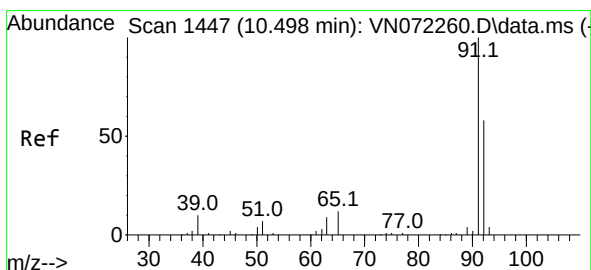
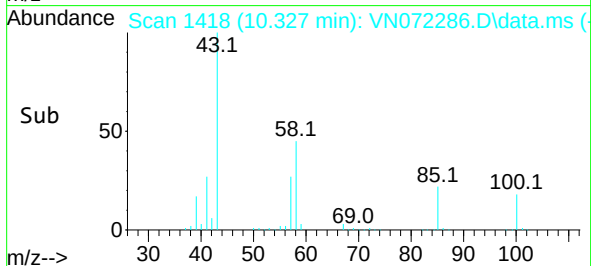
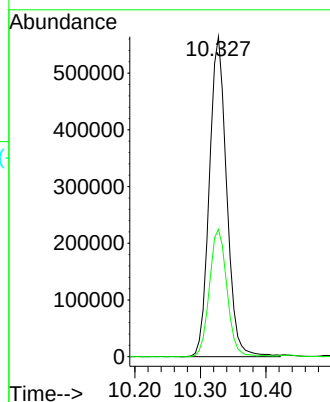
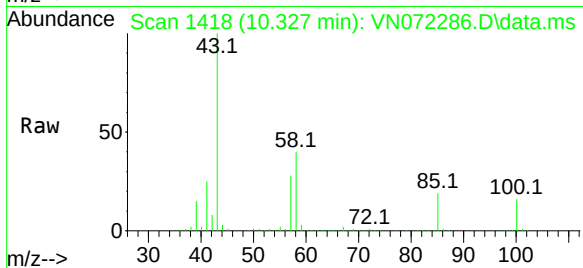




#51  
4-Methyl-2-Pentanone  
Concen: 237.114 ug/l  
RT: 10.327 min Scan# 1418  
Delta R.T. -0.001 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

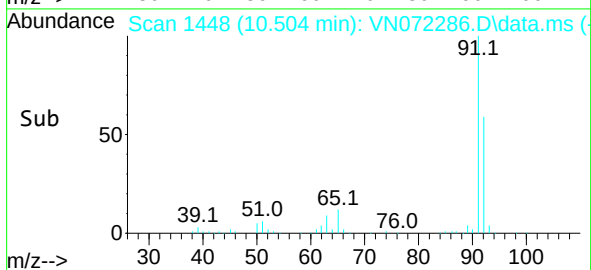
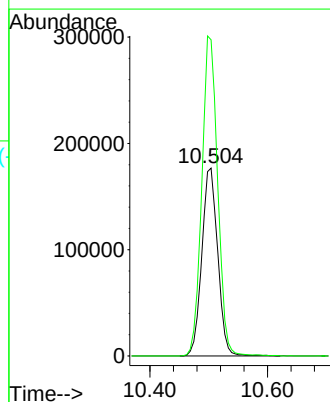
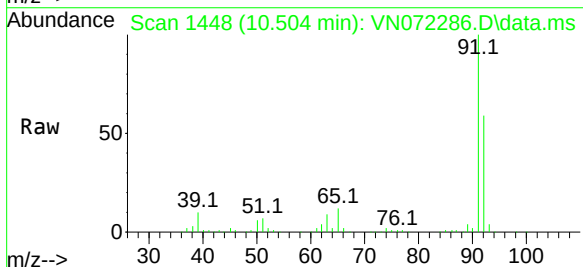
Instrument :  
MSVOA\_N  
ClientSampleId :

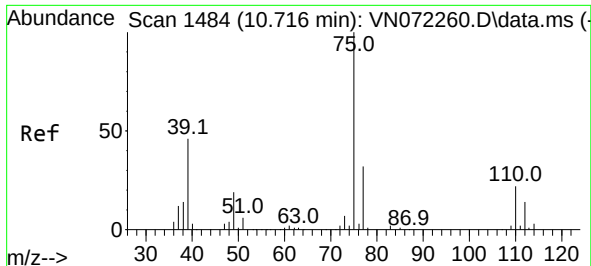
Tgt Ion: 43 Resp: 1034726  
Ion Ratio Lower Upper  
43 100  
58 40.5 34.1 51.1



#52  
Toluene  
Concen: 51.343 ug/l  
RT: 10.504 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Tgt Ion: 92 Resp: 331566  
Ion Ratio Lower Upper  
92 100  
91 170.1 138.6 207.8

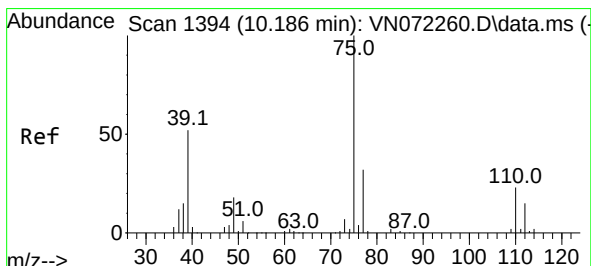
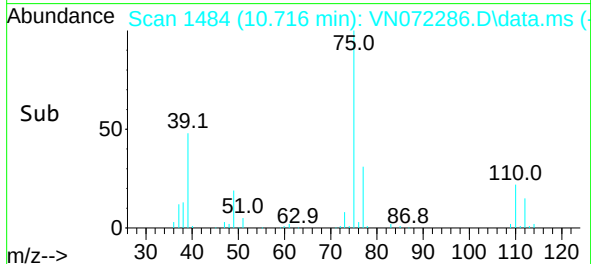
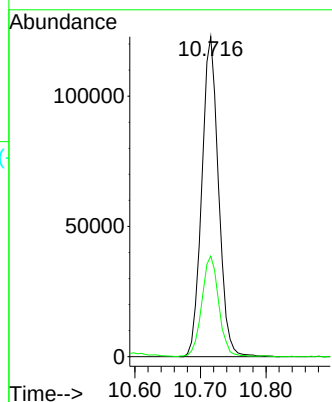
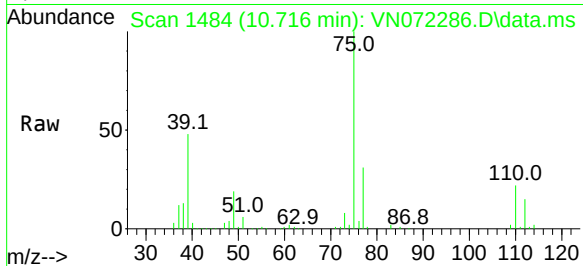




#53  
 t-1,3-Dichloropropene  
 Concen: 56.468 ug/l  
 RT: 10.716 min Scan# 1484  
 Delta R.T. -0.000 min  
 Lab File: VN072286.D  
 Acq: 02 May 2022 10:28

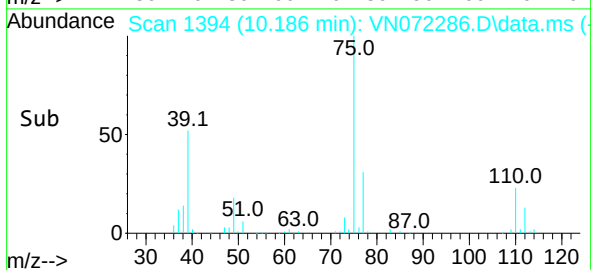
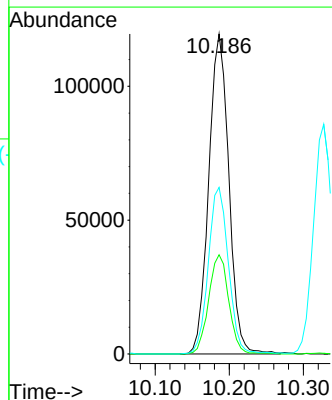
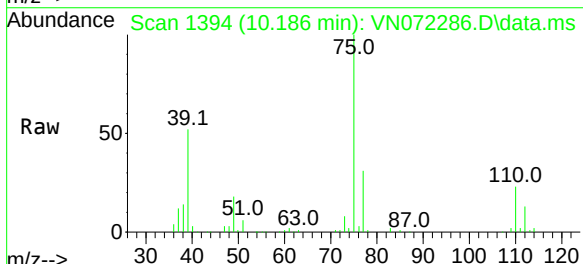
Instrument :  
 MSVOA\_N  
 ClientSampleId :

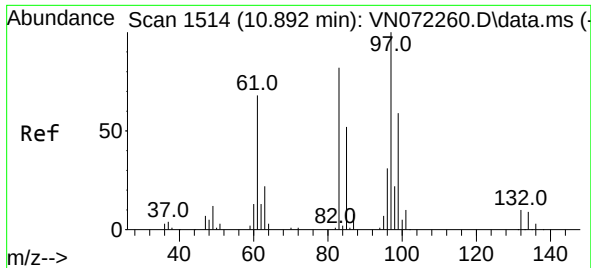
Tgt Ion: 75 Resp: 217788  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 53.985 ug/l  
 RT: 10.186 min Scan# 1394  
 Delta R.T. 0.000 min  
 Lab File: VN072286.D  
 Acq: 02 May 2022 10:28

Tgt Ion: 75 Resp: 225175  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 25.2 37.8  
 39 52.1 35.7 53.5

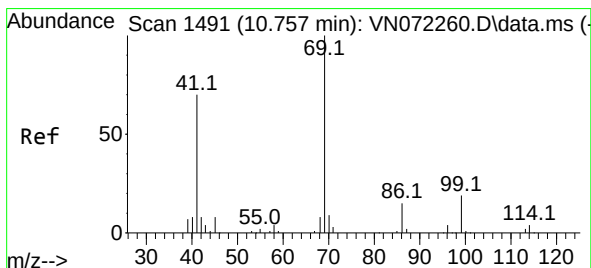
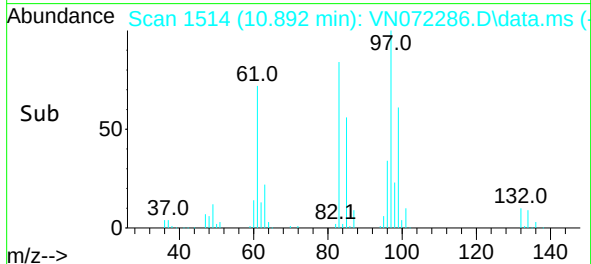
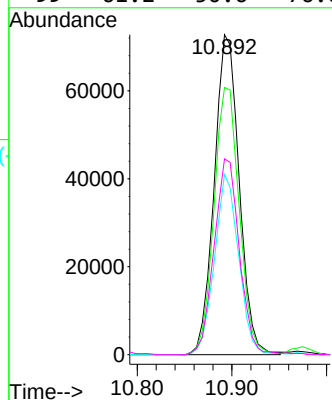
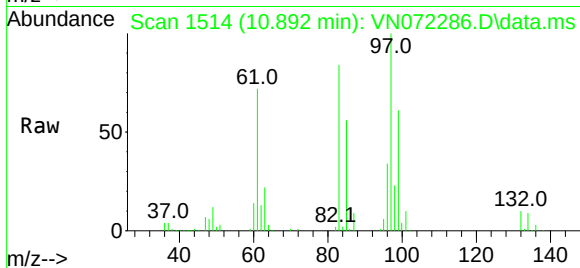




#55  
 1,1,2-Trichloroethane  
 Concen: 49.195 ug/l  
 RT: 10.892 min Scan# 1514  
 Delta R.T. 0.000 min  
 Lab File: VN072286.D  
 Acq: 02 May 2022 10:28

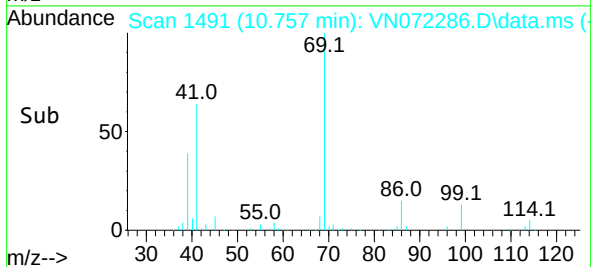
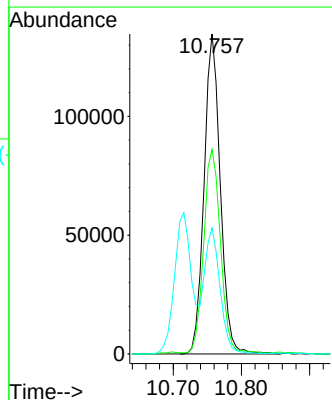
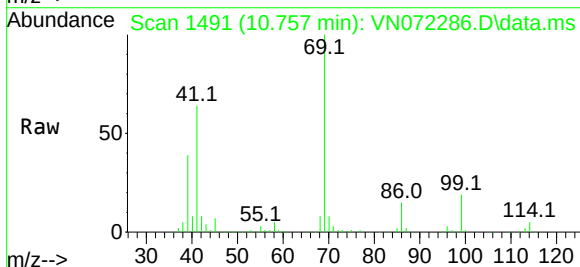
Instrument :  
 MSVOA\_N  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 133208 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 83.5  | 66.2  | 99.4   |
| 85       | 56.3  | 43.9  | 65.9   |
| 99       | 61.2  | 50.6  | 76.0   |

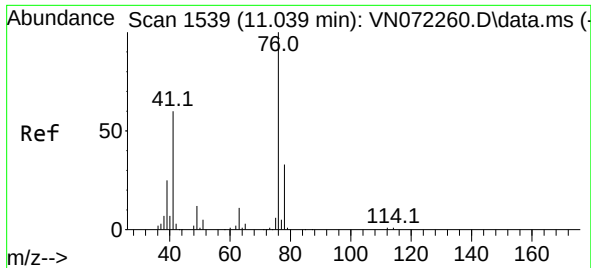


#56  
 Ethyl methacrylate  
 Concen: 47.115 ug/l  
 RT: 10.757 min Scan# 1491  
 Delta R.T. -0.000 min  
 Lab File: VN072286.D  
 Acq: 02 May 2022 10:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 222743 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 65.7  | 47.8  | 71.6   |
| 39       | 36.4  | 27.3  | 40.9   |







#57

1,3-Dichloropropane

Concen: 49.735 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

Instrument :

MSVOA\_N

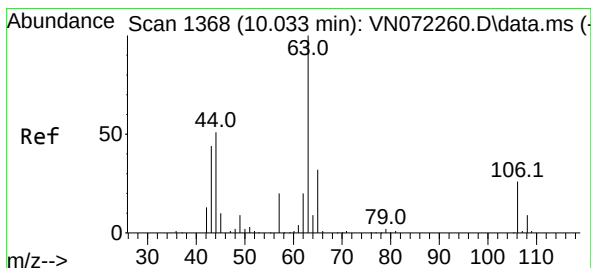
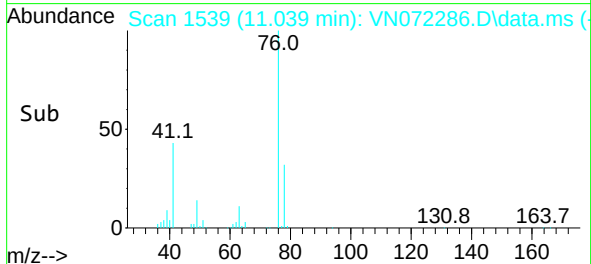
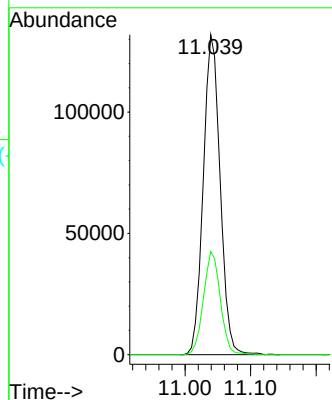
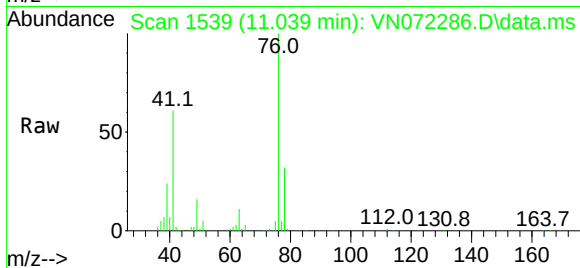
ClientSampleId :

Tgt Ion: 76 Resp: 236319

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 208.106 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072286.D

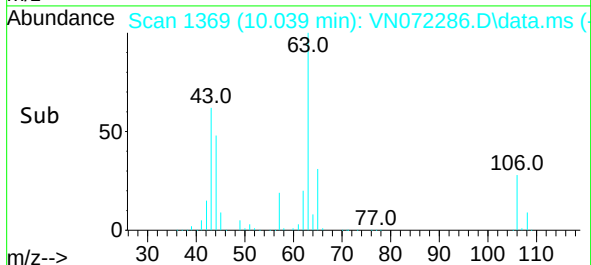
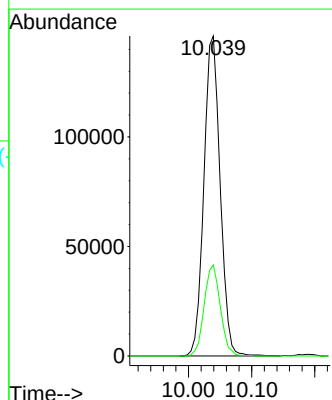
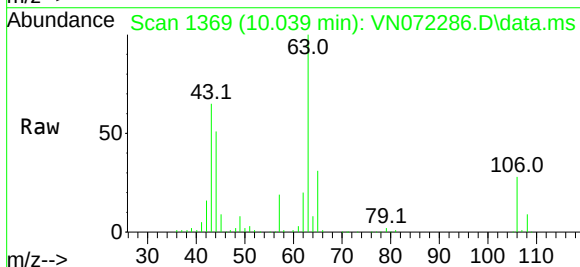
Acq: 02 May 2022 10:28

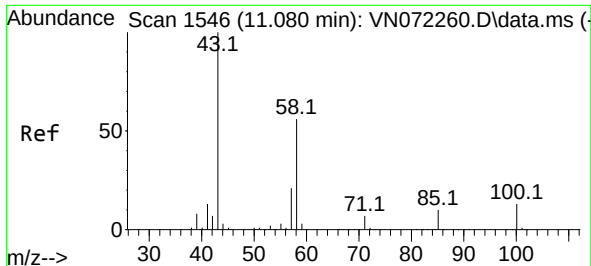
Tgt Ion: 63 Resp: 261423

Ion Ratio Lower Upper

63 100

106 28.2 24.6 36.8

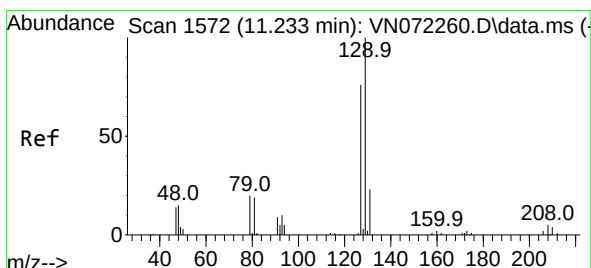
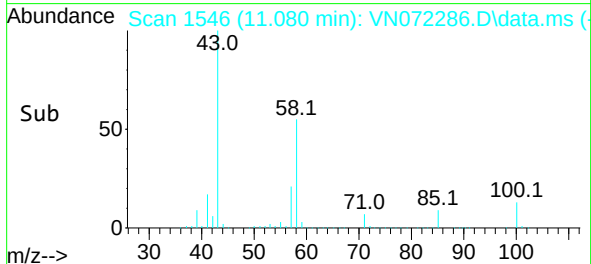
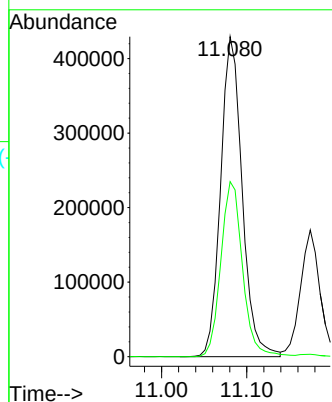
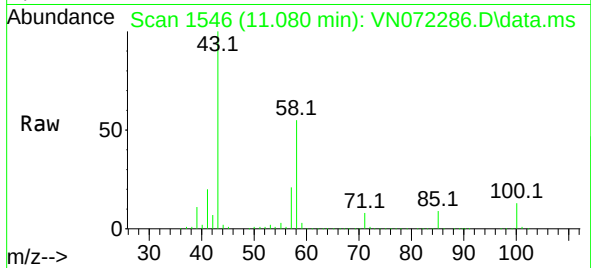




#59  
2-Hexanone  
Concen: 245.823 ug/l  
RT: 11.080 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

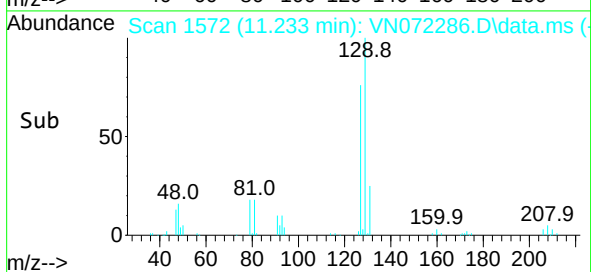
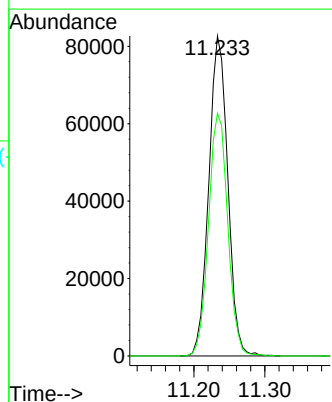
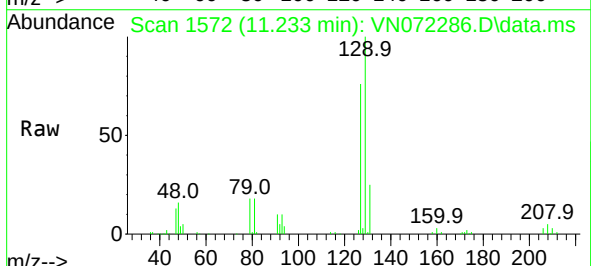
Instrument :  
MSVOA\_N  
ClientSampleId :

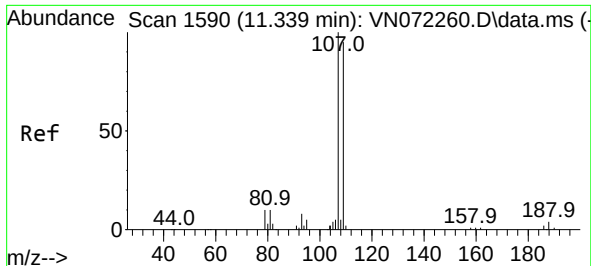
Tgt Ion: 43 Resp: 755796  
Ion Ratio Lower Upper  
43 100  
58 55.1 29.7 89.1



#60  
Dibromochloromethane  
Concen: 55.342 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Tgt Ion: 129 Resp: 153233  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.8 116.4

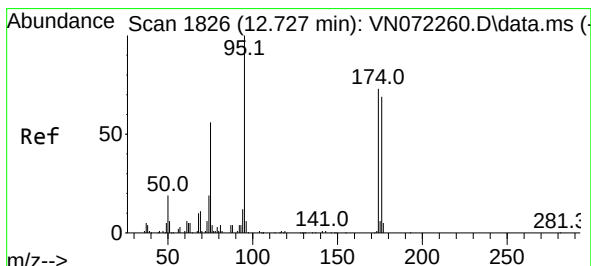
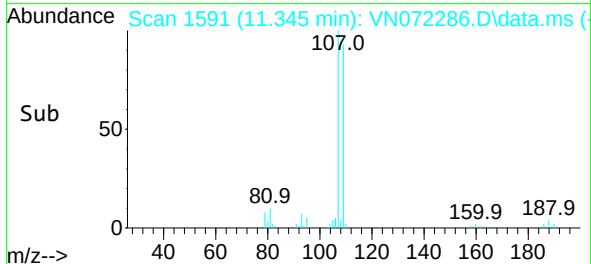
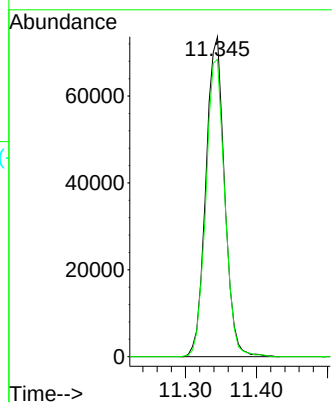
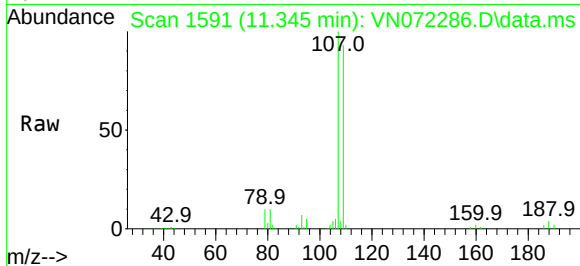




#61  
1,2-Dibromoethane  
Concen: 50.674 ug/l  
RT: 11.345 min Scan# 1590  
Delta R.T. 0.006 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

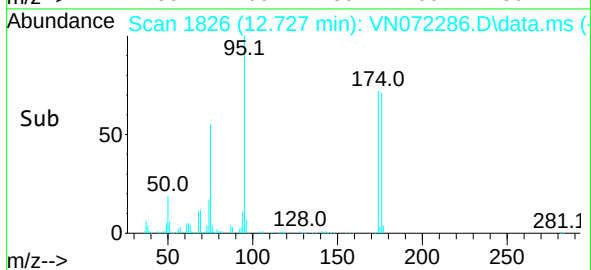
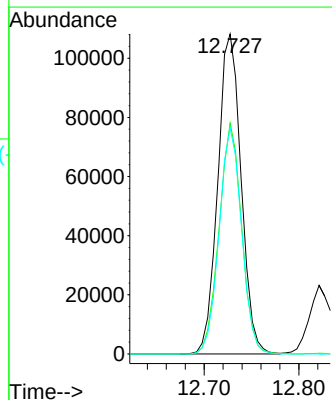
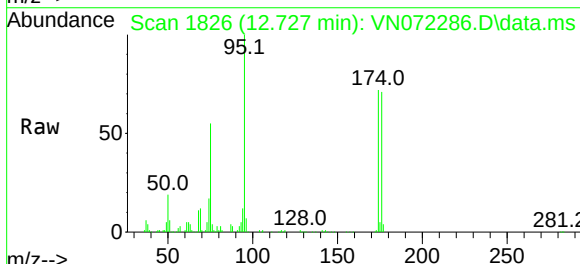
Instrument :  
MSVOA\_N  
ClientSampleId :

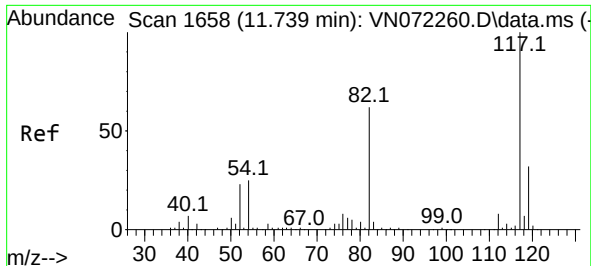
Tgt Ion:107 Resp: 134942  
Ion Ratio Lower Upper  
107 100  
109 94.2 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 59.239 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Tgt Ion: 95 Resp: 184860  
Ion Ratio Lower Upper  
95 100  
174 69.9 0.0 167.6  
176 68.1 0.0 163.4

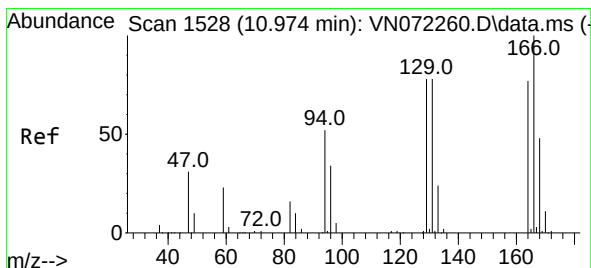
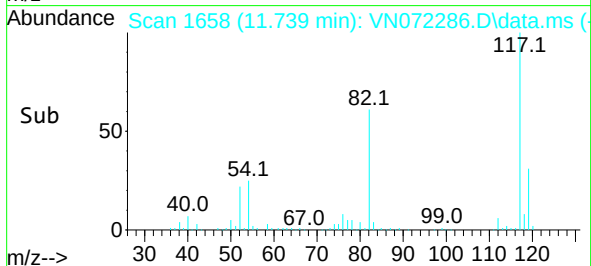
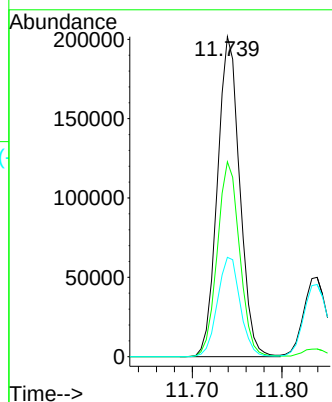
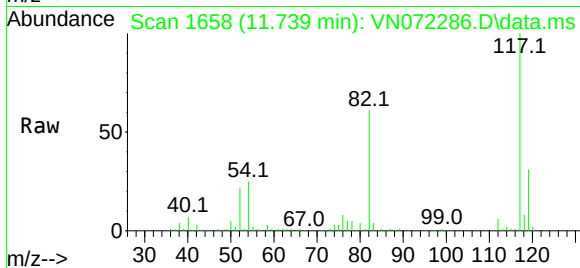




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

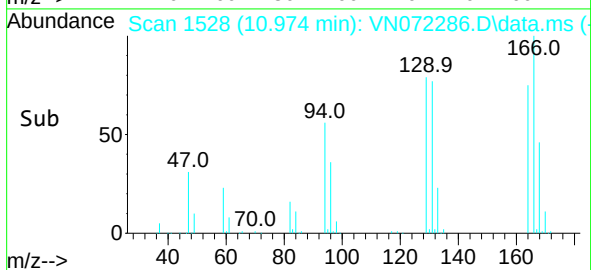
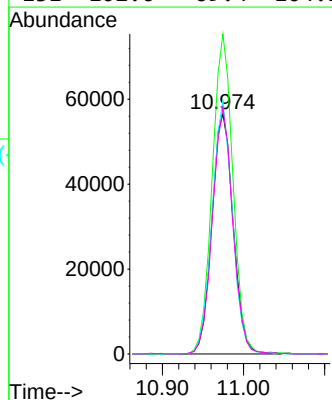
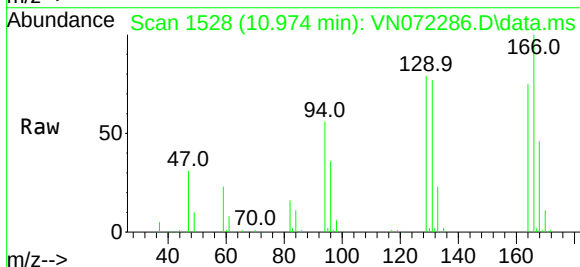
Instrument :  
MSVOA\_N  
ClientSampleId :

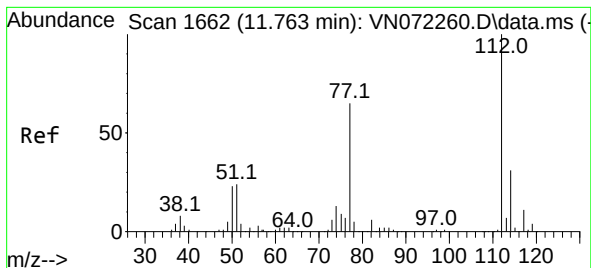
Tgt Ion:117 Resp: 348298  
Ion Ratio Lower Upper  
117 100  
82 60.9 44.2 66.2  
119 31.0 25.4 38.0



#64  
Tetrachloroethene  
Concen: 49.060 ug/l  
RT: 10.974 min Scan# 1528  
Delta R.T. -0.001 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Tgt Ion:164 Resp: 102857  
Ion Ratio Lower Upper  
164 100  
166 133.3 104.2 156.2  
129 105.5 73.9 110.9  
131 102.6 69.4 104.2

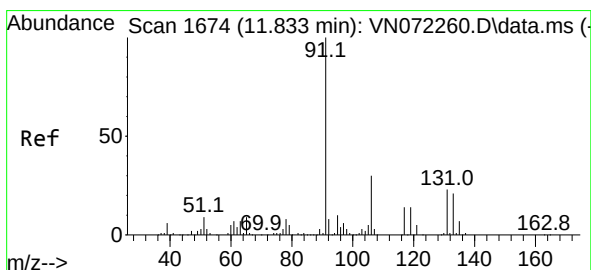
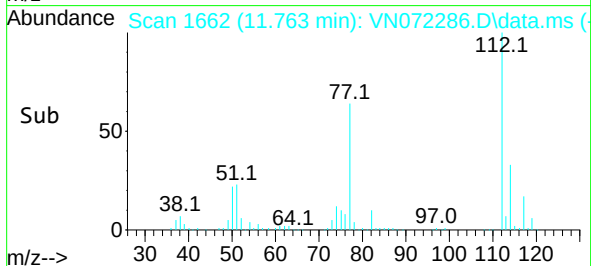
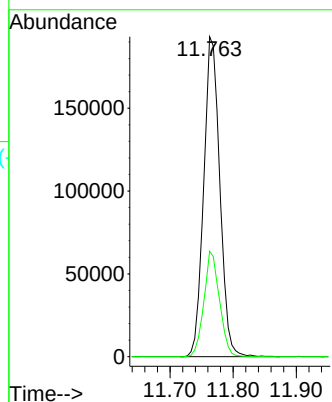
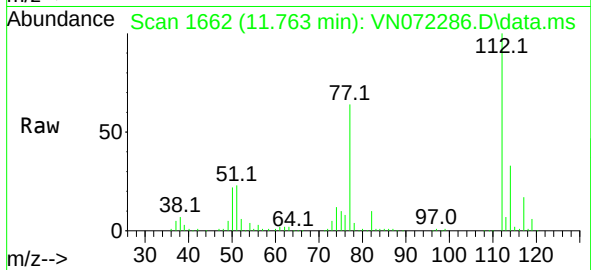




#65  
Chlorobenzene  
Concen: 48.728 ug/l  
RT: 11.763 min Scan# 1662  
Delta R.T. -0.006 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

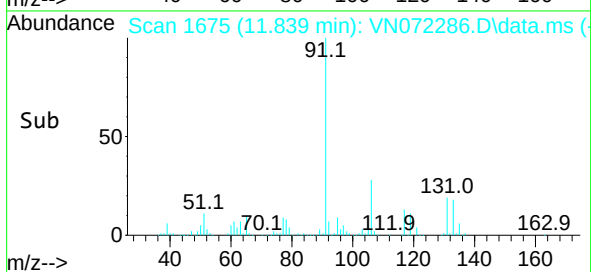
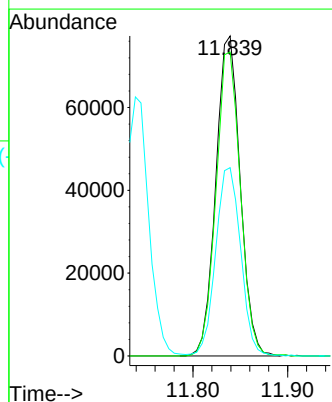
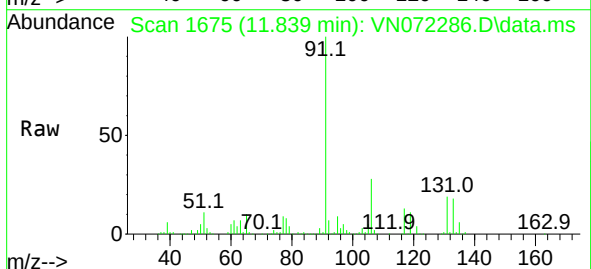
Instrument :  
MSVOA\_N  
ClientSampleId :

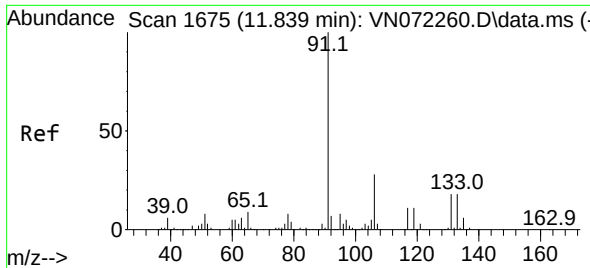
Tgt Ion:112 Resp: 342924  
Ion Ratio Lower Upper  
112 100  
114 33.0 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.098 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Tgt Ion:131 Resp: 138150  
Ion Ratio Lower Upper  
131 100  
133 95.0 47.8 143.4  
119 60.4 33.4 100.2

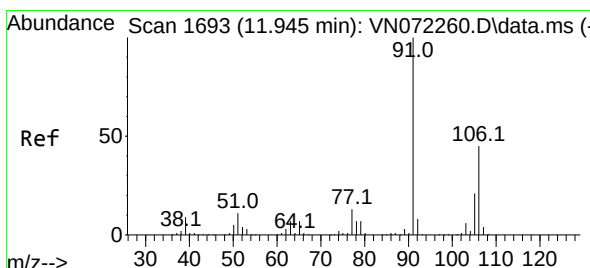
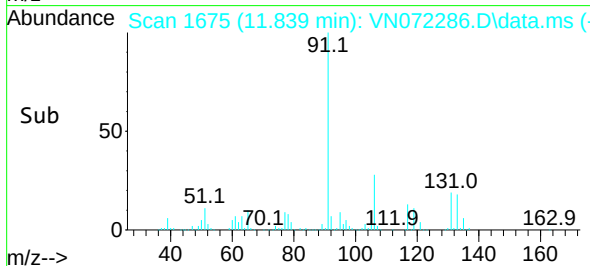
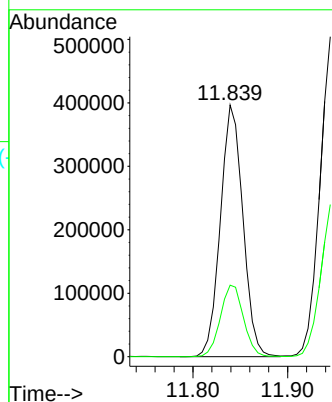
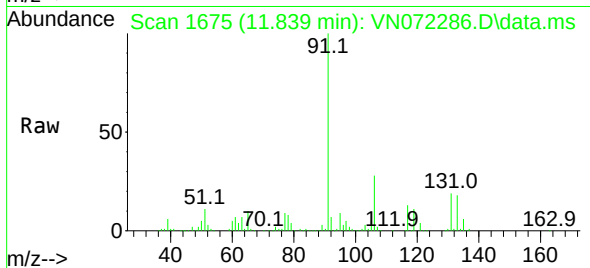




#67  
Ethyl Benzene  
Concen: 53.460 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

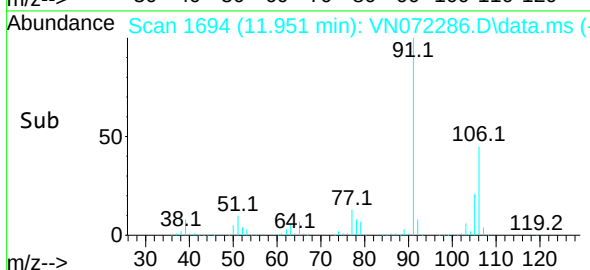
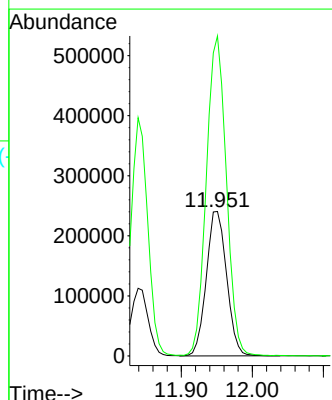
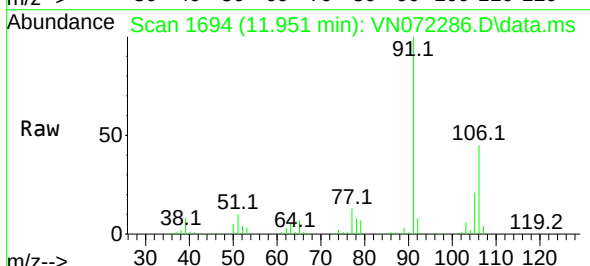
Instrument :  
MSVOA\_N  
ClientSampleId :

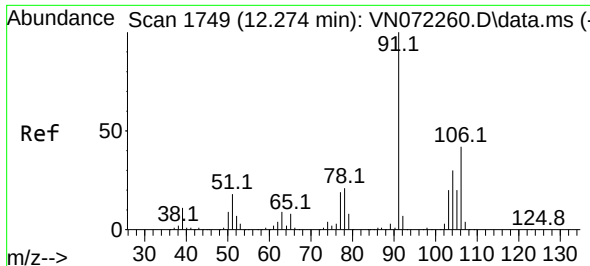
Tgt Ion: 91 Resp: 656109  
Ion Ratio Lower Upper  
91 100  
106 28.4 24.9 37.3



#68  
m/p-Xylenes  
Concen: 104.889 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Tgt Ion: 106 Resp: 478024  
Ion Ratio Lower Upper  
106 100  
91 217.6 158.9 238.3

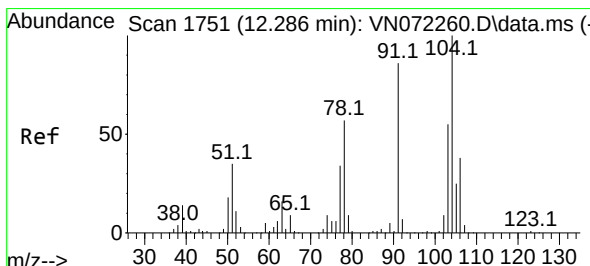
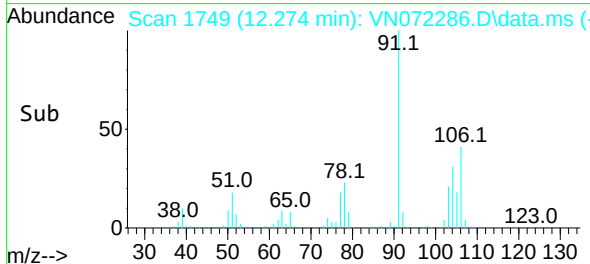
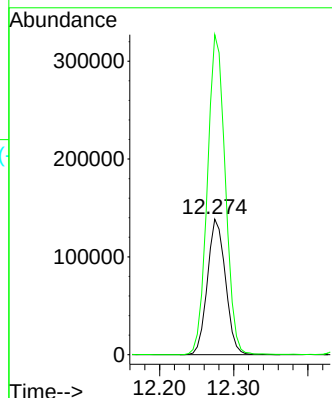
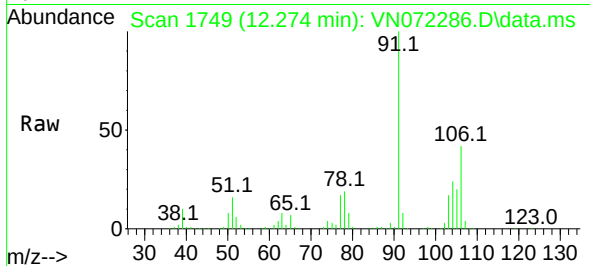




#69  
o-Xylene  
Concen: 53.094 ug/l  
RT: 12.274 min Scan# 1749  
Delta R.T. -0.001 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

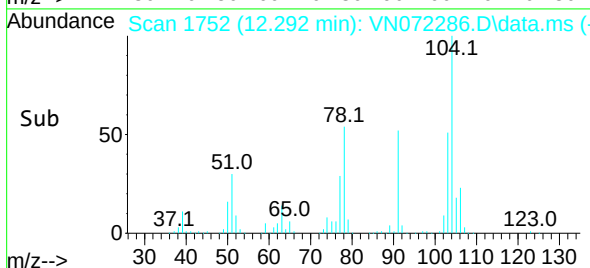
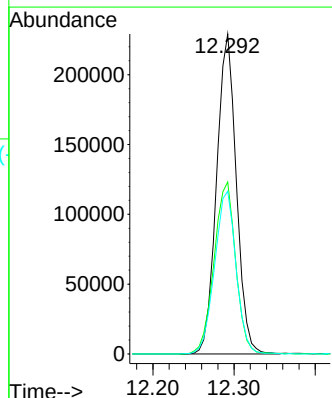
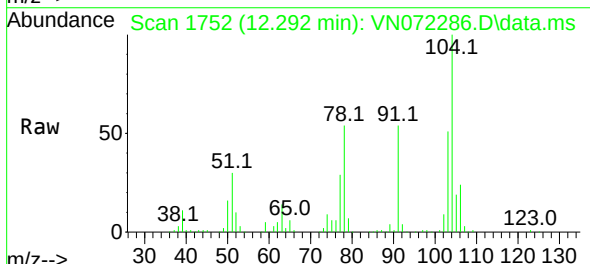
Instrument :  
MSVOA\_N  
ClientSampleId :

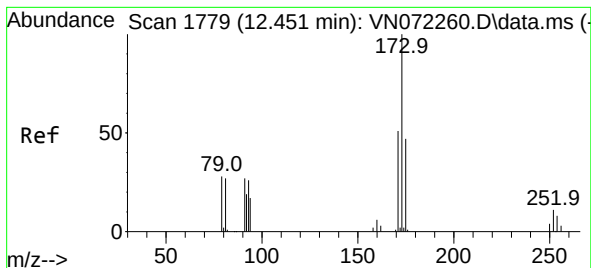
Tgt Ion:106 Resp: 234576  
Ion Ratio Lower Upper  
106 100  
91 234.4 106.0 318.0



#70  
Styrene  
Concen: 55.647 ug/l  
RT: 12.292 min Scan# 1752  
Delta R.T. 0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Tgt Ion:104 Resp: 387261  
Ion Ratio Lower Upper  
104 100  
78 58.9 39.5 59.3  
103 55.3 44.0 66.0





#71

Bromoform

Concen: 56.601 ug/l

RT: 12.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

Instrument :

MSVOA\_N

ClientSampleId :

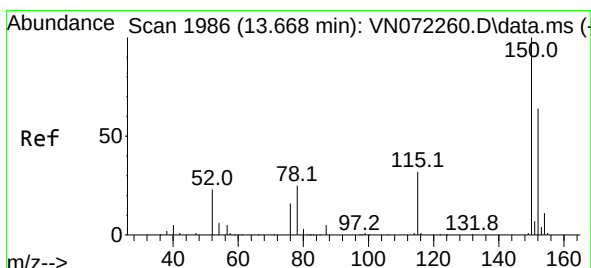
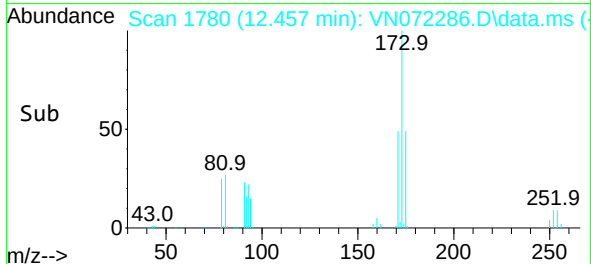
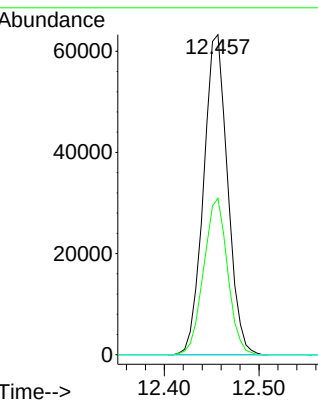
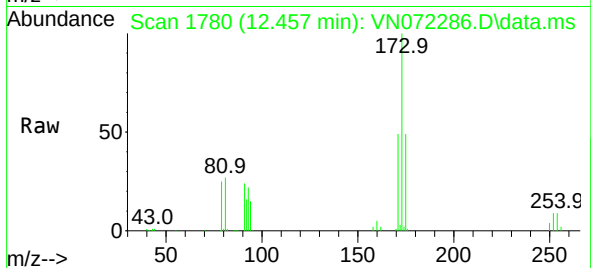
Tgt Ion:173 Resp: 111629

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

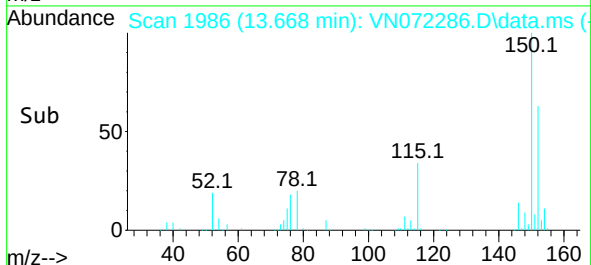
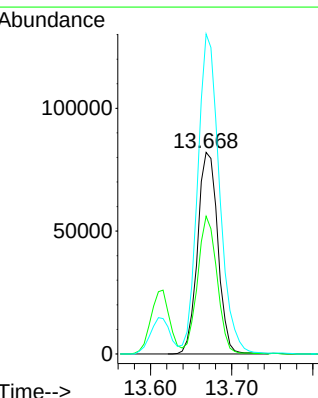
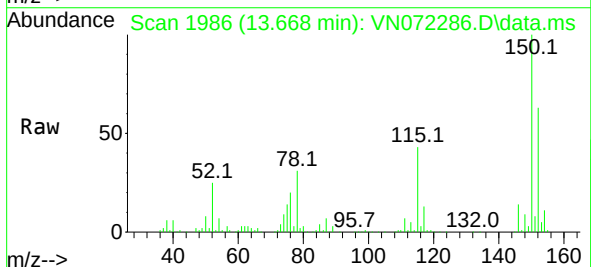
Tgt Ion:152 Resp: 142037

Ion Ratio Lower Upper

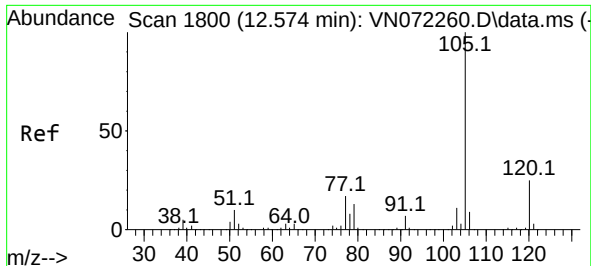
152 100

115 66.0 28.9 86.7

150 170.4 0.0 356.2



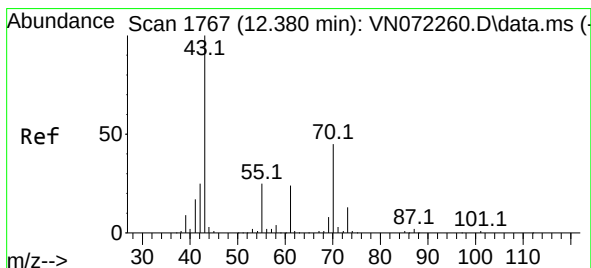
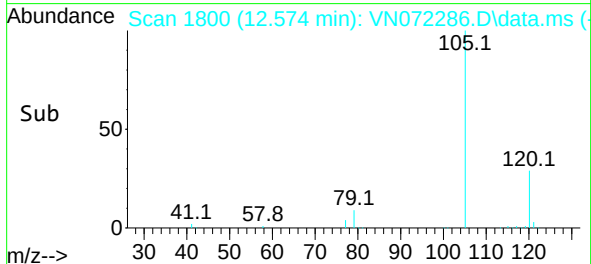
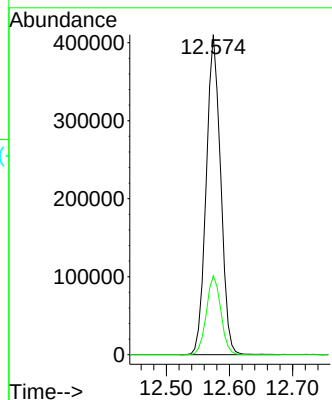
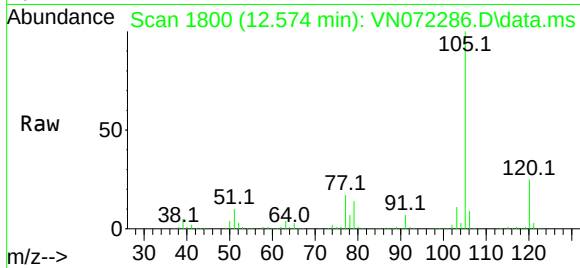




#73  
Isopropylbenzene  
Concen: 51.716 ug/l  
RT: 12.574 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

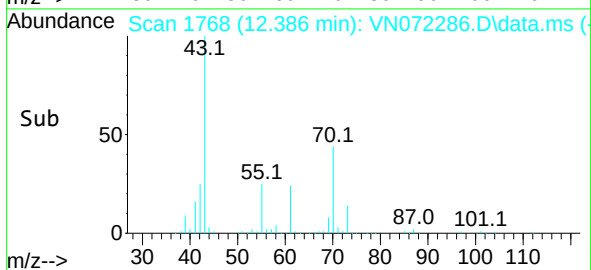
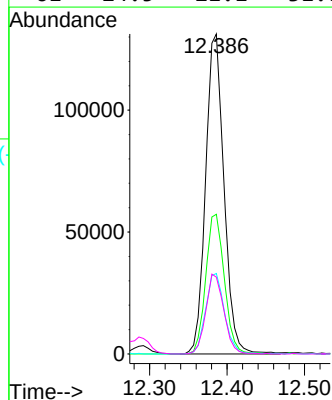
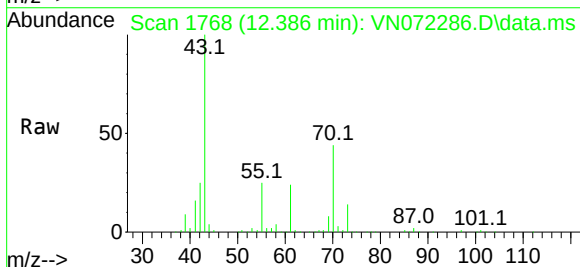
Instrument :  
MSVOA\_N  
ClientSampleId :

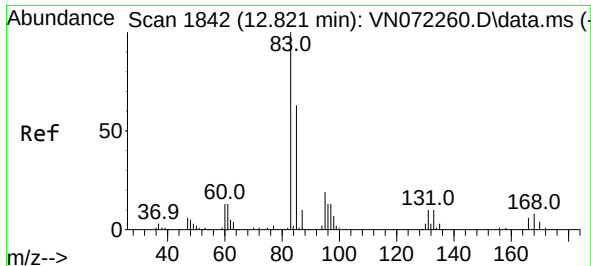
Tgt Ion:105 Resp: 648762  
Ion Ratio Lower Upper  
105 100  
120 24.7 13.5 40.4



#74  
N-ethyl acetate  
Concen: 46.007 ug/l  
RT: 12.386 min Scan# 1768  
Delta R.T. 0.006 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Tgt Ion: 43 Resp: 216224  
Ion Ratio Lower Upper  
43 100  
70 44.2 39.0 58.4  
55 25.8 21.1 31.7  
61 24.5 21.1 31.7

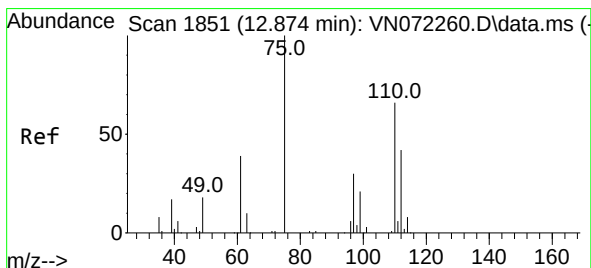
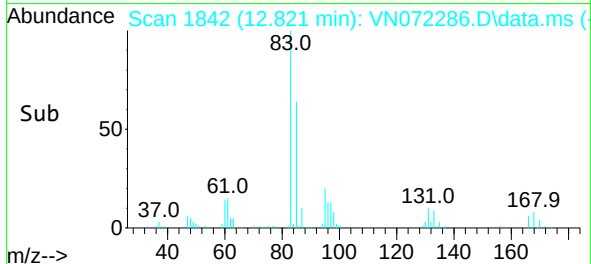
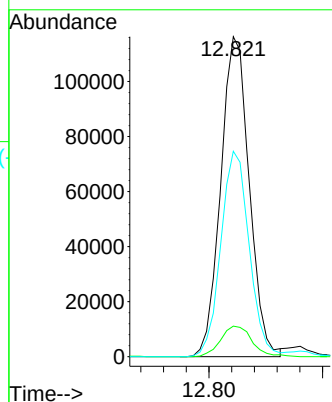
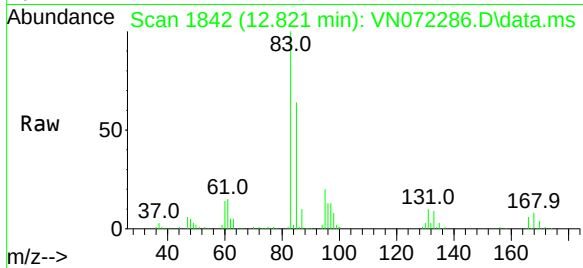




#75  
1,1,2,2-Tetrachloroethane  
Concen: 48.377 ug/l  
RT: 12.821 min Scan# 1842  
Delta R.T. -0.001 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

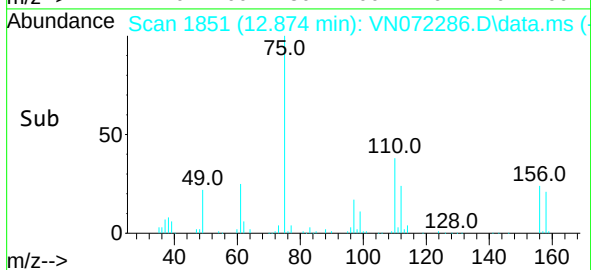
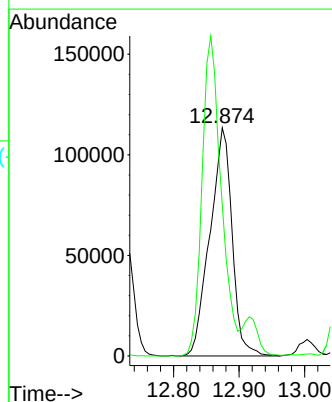
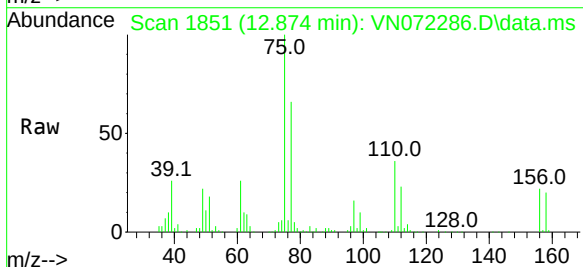
Instrument :  
MSVOA\_N  
ClientSampleId :

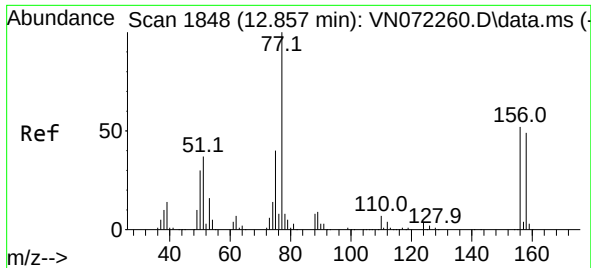
Tgt Ion: 83 Resp: 202605  
Ion Ratio Lower Upper  
83 100  
131 10.5 5.3 15.9  
85 64.1 32.3 96.9



#76  
1,2,3-Trichloropropane  
Concen: 74.559 ug/l  
RT: 12.874 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

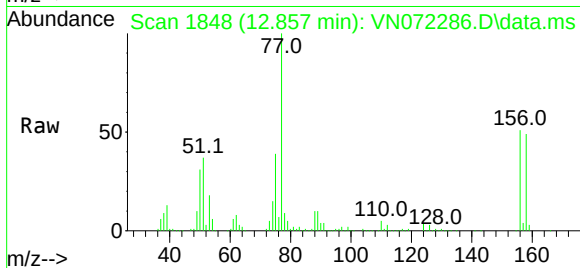
Tgt Ion: 75 Resp: 266144  
Ion Ratio Lower Upper  
75 100  
77 121.6 98.5 295.5



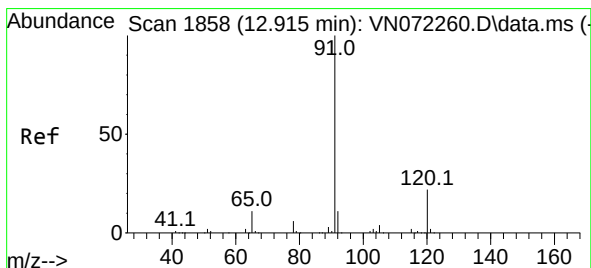
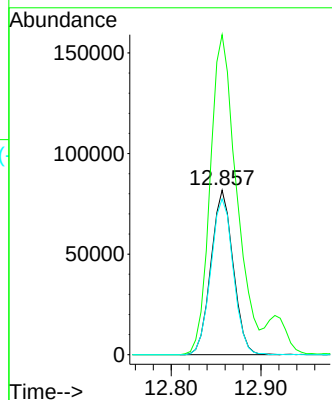
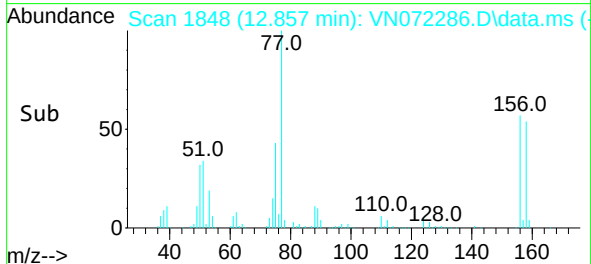


#77  
Bromobenzene  
Concen: 47.297 ug/l  
RT: 12.857 min Scan# 1848  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Instrument :  
MSVOA\_N  
ClientSampleId :

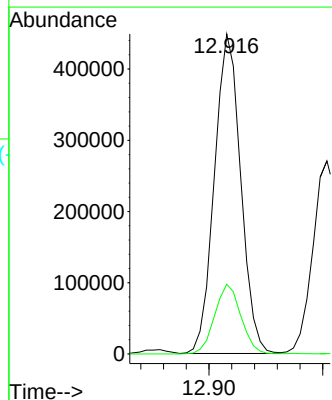
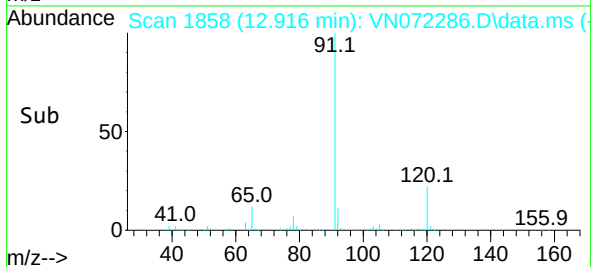
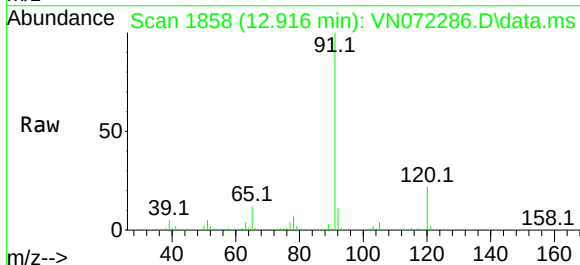


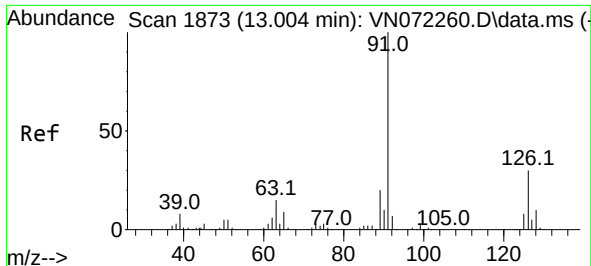
Tgt Ion:156 Resp: 140312  
Ion Ratio Lower Upper  
156 100  
77 230.6 100.5 301.5  
158 96.2 48.9 146.6



#78  
n-propylbenzene  
Concen: 52.142 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Tgt Ion: 91 Resp: 720594  
Ion Ratio Lower Upper  
91 100  
120 21.7 11.9 35.5

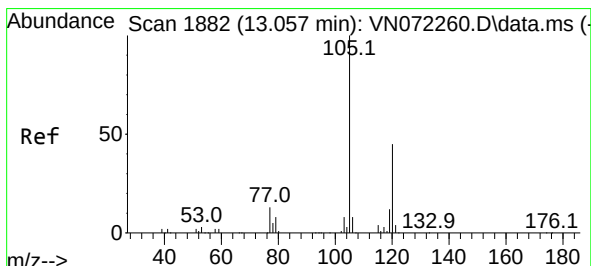
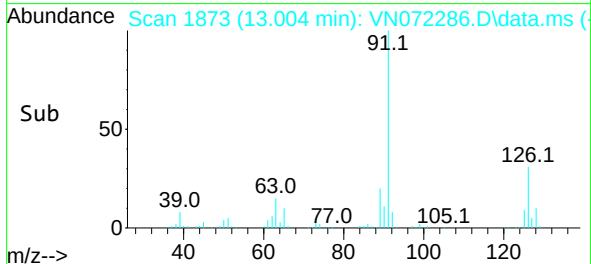
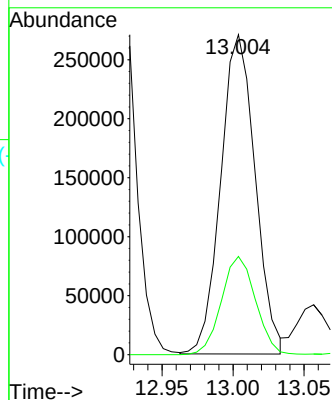
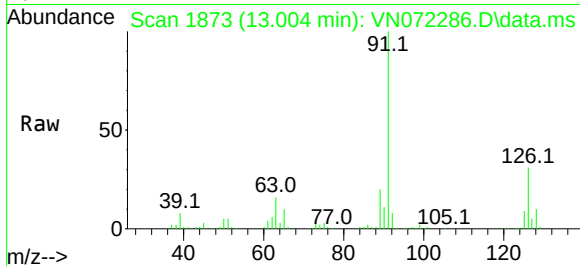




#79  
2-Chlorotoluene  
Concen: 50.282 ug/l  
RT: 13.004 min Scan# 1873  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

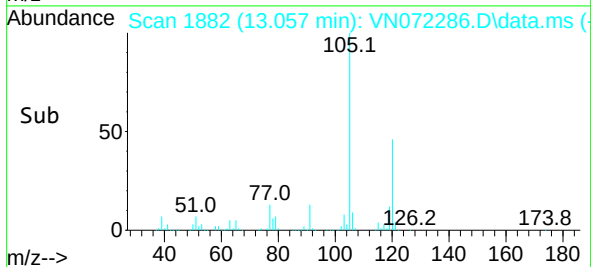
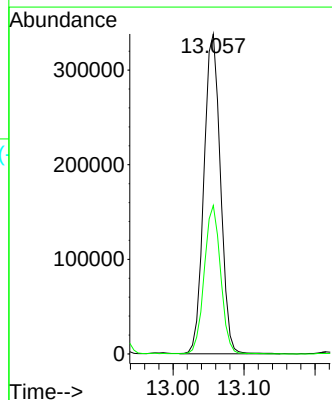
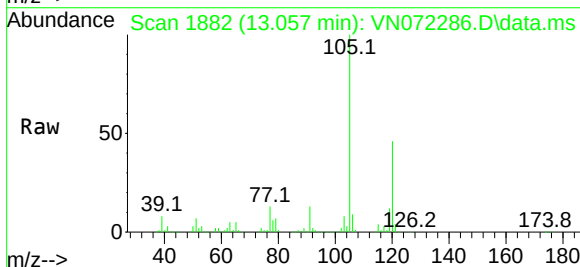
Instrument :  
MSVOA\_N  
ClientSampleId :

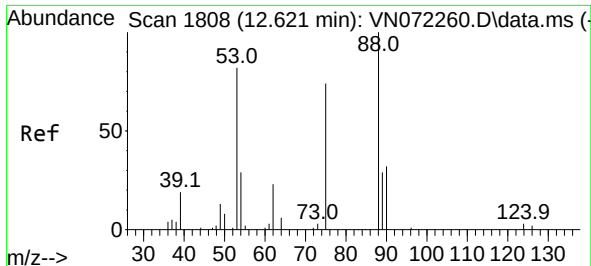
Tgt Ion: 91 Resp: 456427  
Ion Ratio Lower Upper  
91 100  
126 30.5 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 52.396 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. 0.006 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Tgt Ion:105 Resp: 547396  
Ion Ratio Lower Upper  
105 100  
120 46.1 24.9 74.7

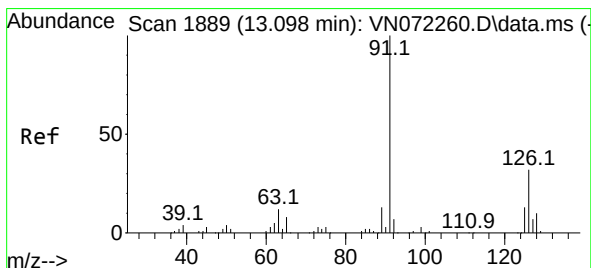
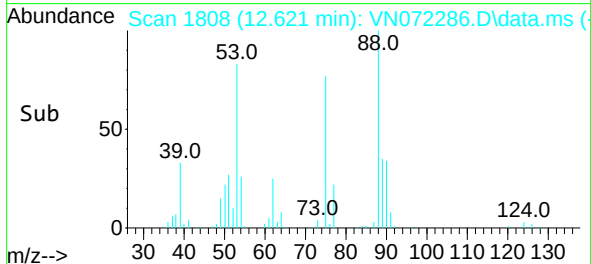
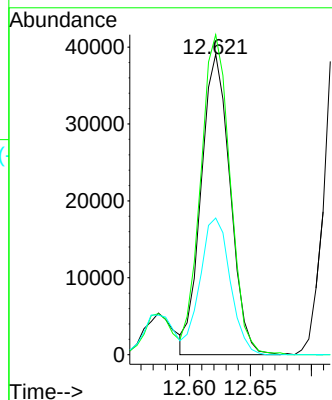
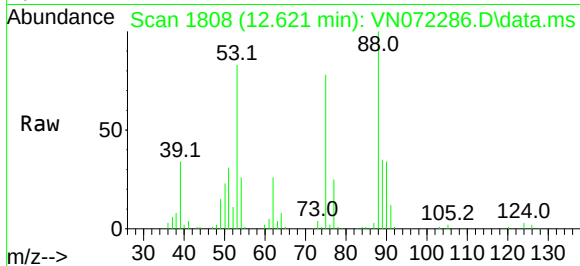




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.705 ug/l  
RT: 12.621 min Scan# 1808  
Delta R.T. -0.001 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

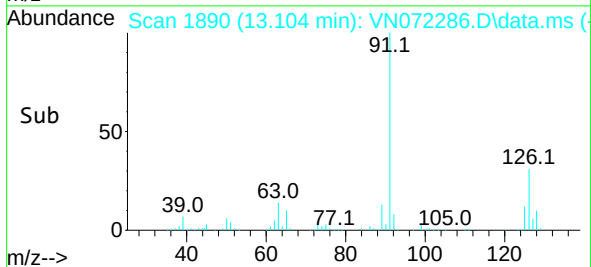
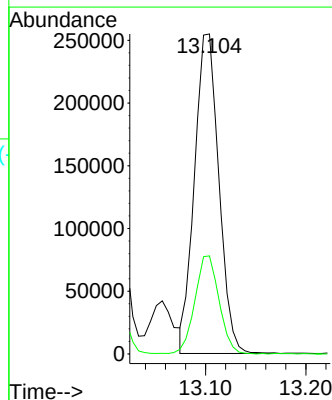
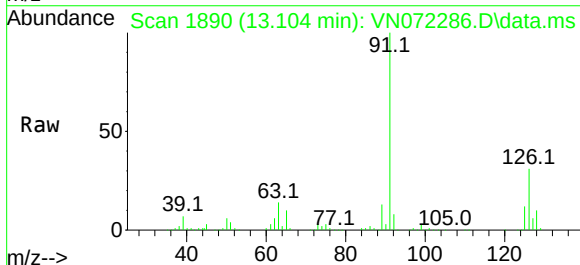
Instrument :  
MSVOA\_N  
ClientSampleId :

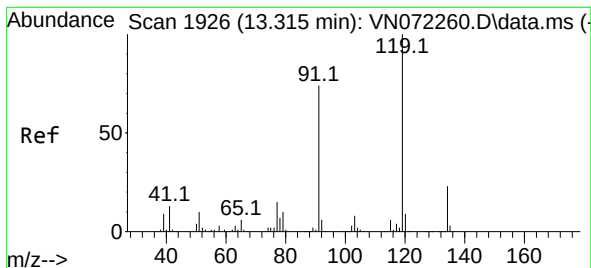
Tgt Ion: 75 Resp: 64743  
Ion Ratio Lower Upper  
75 100  
53 108.0 78.0 117.0  
89 47.4 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 50.851 ug/l  
RT: 13.104 min Scan# 1890  
Delta R.T. 0.006 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Tgt Ion: 91 Resp: 429684  
Ion Ratio Lower Upper  
91 100  
126 30.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 52.190 ug/l

RT: 13.321 min Scan# 1926

Delta R.T. 0.005 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

Instrument :

MSVOA\_N

ClientSampleId :

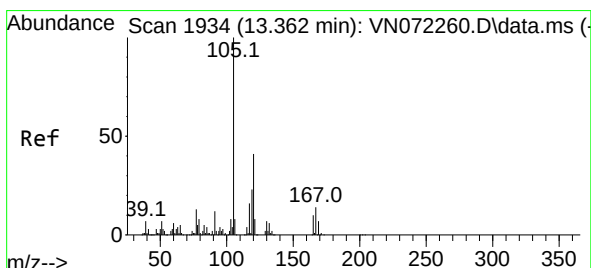
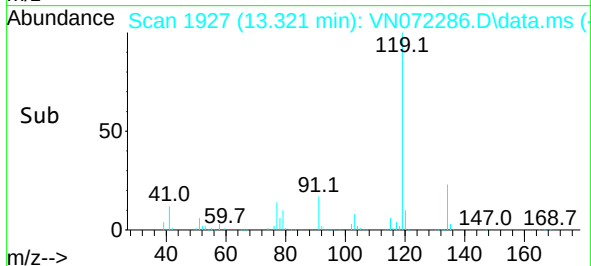
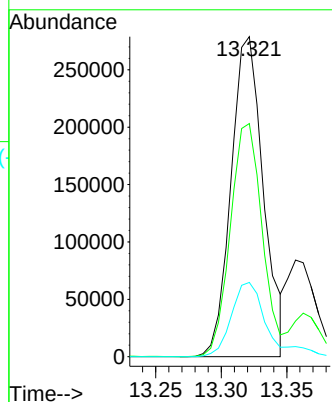
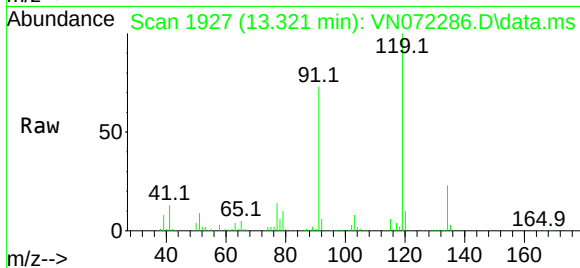
Tgt Ion:119 Resp: 478732

Ion Ratio Lower Upper

119 100

91 71.5 31.6 94.8

134 25.6 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 52.929 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN072286.D

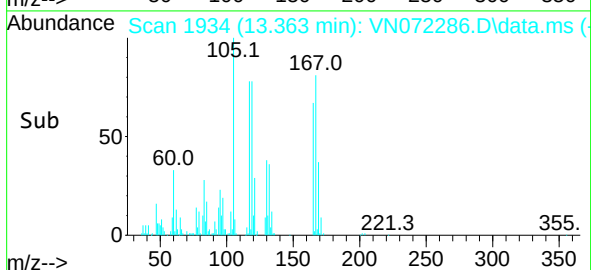
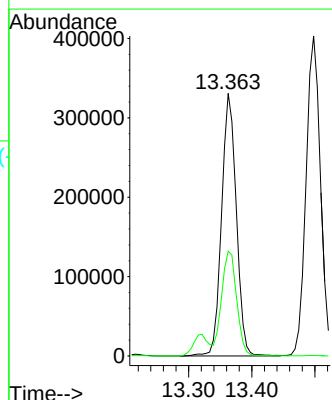
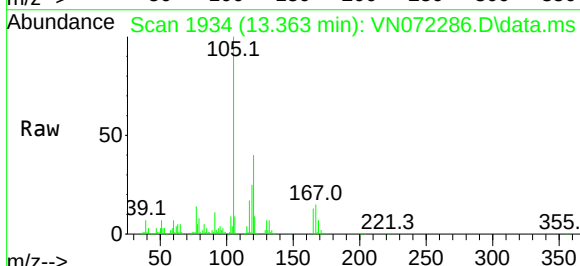
Acq: 02 May 2022 10:28

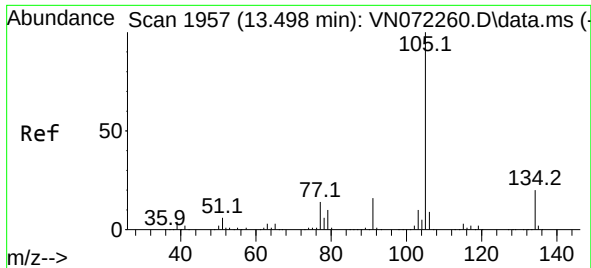
Tgt Ion:105 Resp: 535020

Ion Ratio Lower Upper

105 100

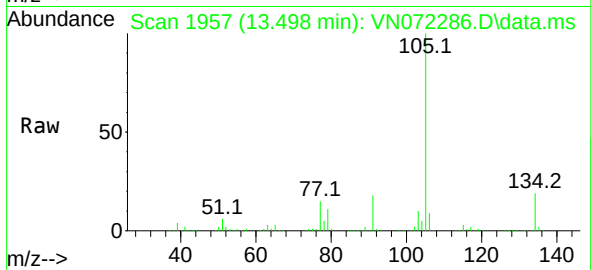
120 40.7 23.3 69.8



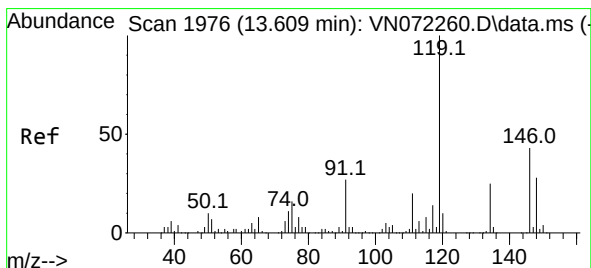
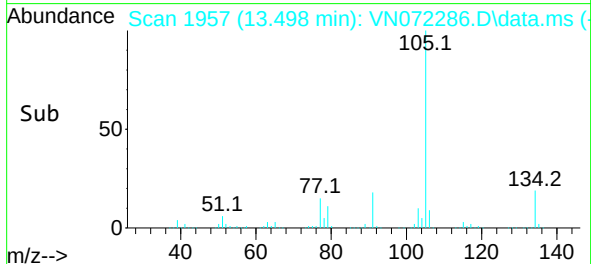
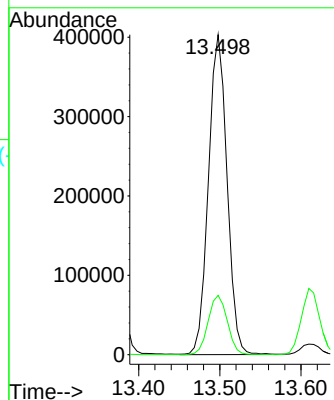


#85  
 sec-Butylbenzene  
 Concen: 53.610 ug/l  
 RT: 13.498 min Scan# 1957  
 Delta R.T. -0.000 min  
 Lab File: VN072286.D  
 Acq: 02 May 2022 10:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :

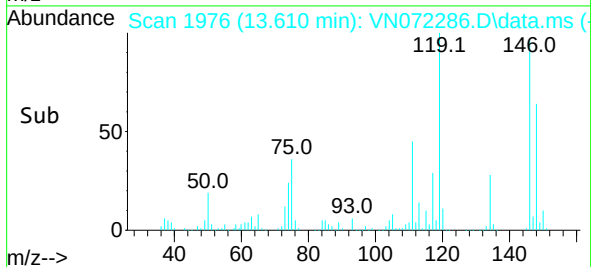
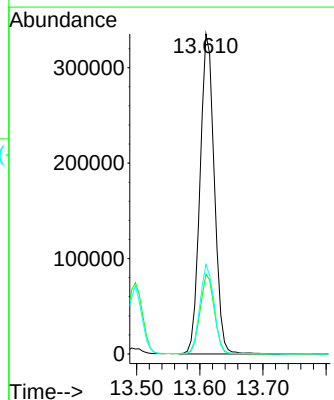
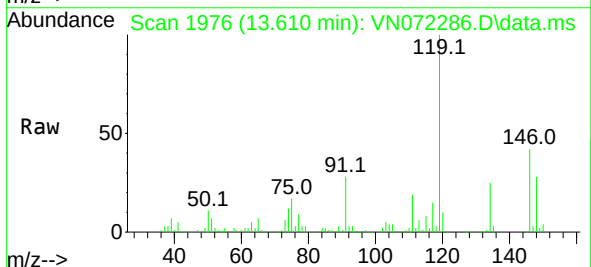


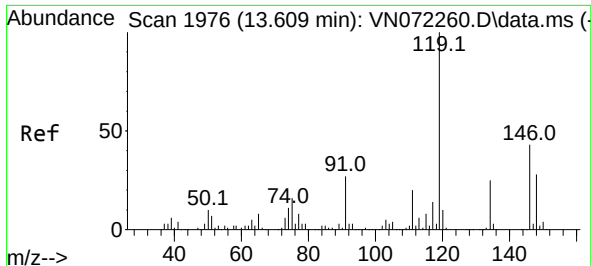
Tgt Ion:105 Resp: 641120  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 56.616 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. -0.000 min  
 Lab File: VN072286.D  
 Acq: 02 May 2022 10:28

Tgt Ion:119 Resp: 527858  
 Ion Ratio Lower Upper  
 119 100  
 134 24.9 13.3 39.8  
 91 27.7 11.3 33.9

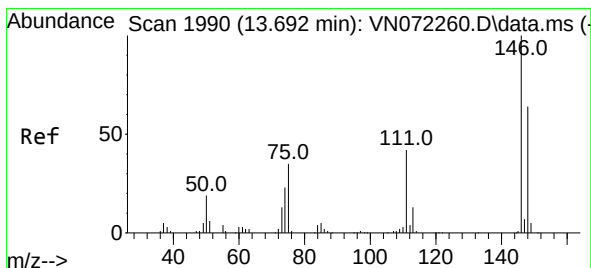
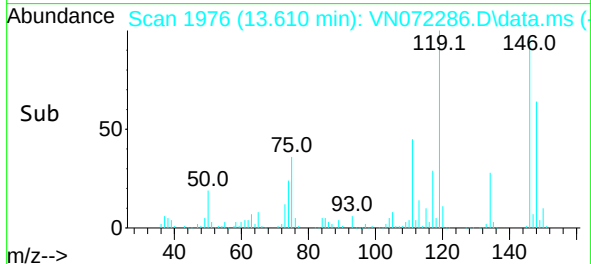
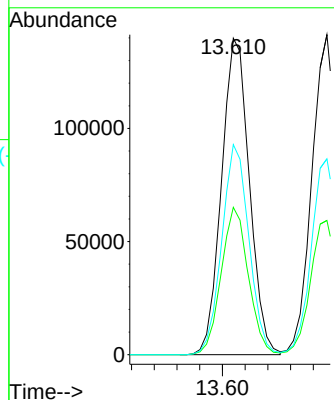
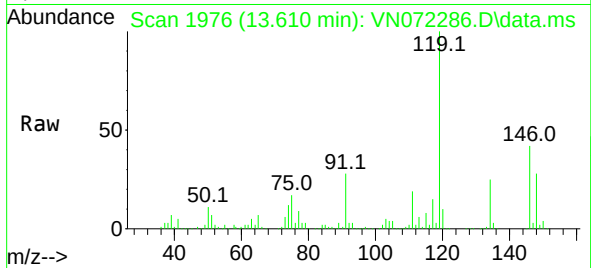




#87  
 1,3-Dichlorobenzene  
 Concen: 49.563 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. -0.000 min  
 Lab File: VN072286.D  
 Acq: 02 May 2022 10:28

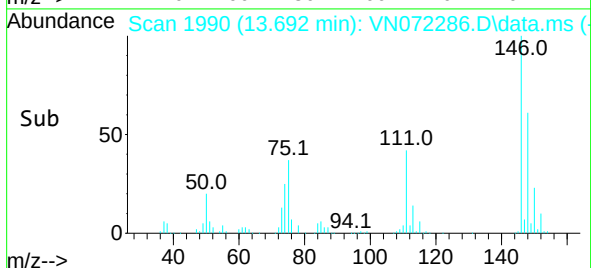
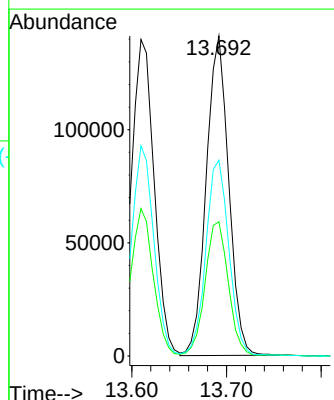
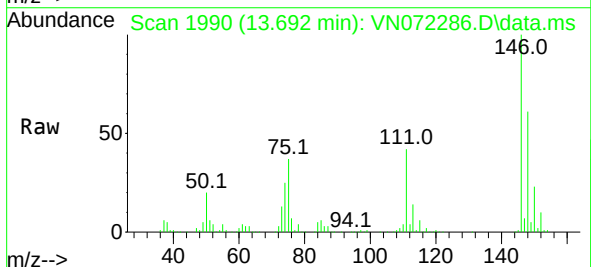
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:146 Resp: 237972  
 Ion Ratio Lower Upper  
 146 100  
 111 45.5 20.0 60.0  
 148 64.9 32.0 96.0

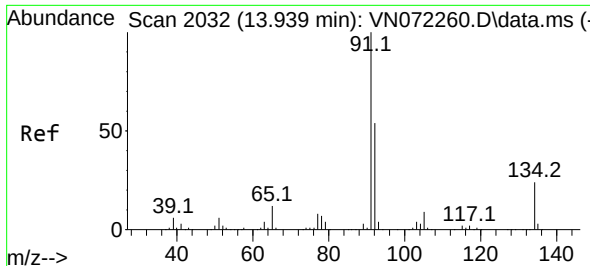


#88  
 1,4-Dichlorobenzene  
 Concen: 49.778 ug/l  
 RT: 13.692 min Scan# 1990  
 Delta R.T. -0.000 min  
 Lab File: VN072286.D  
 Acq: 02 May 2022 10:28

Tgt Ion:146 Resp: 232428  
 Ion Ratio Lower Upper  
 146 100  
 111 42.9 19.1 57.1  
 148 63.5 31.4 94.3

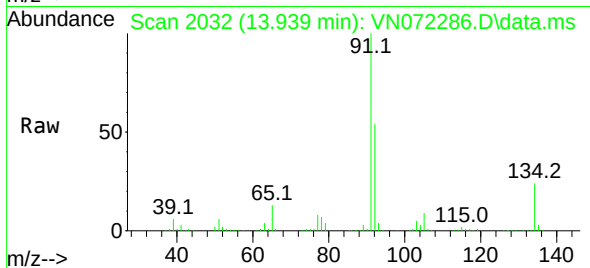




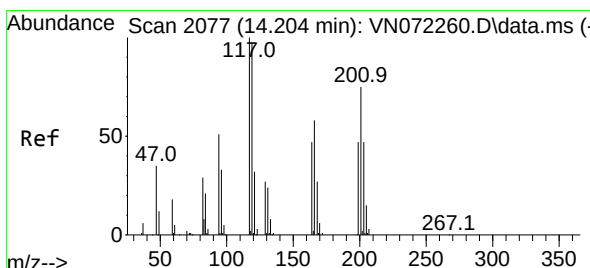
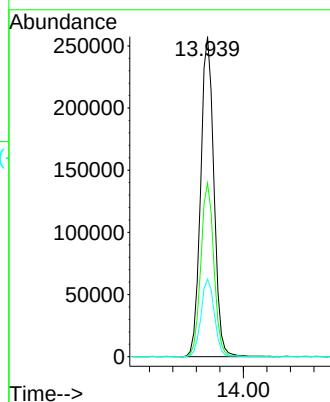
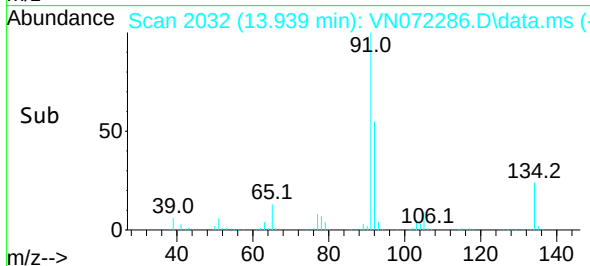


#89  
n-Butylbenzene  
Concen: 56.327 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Instrument :  
MSVOA\_N  
ClientSampleId :

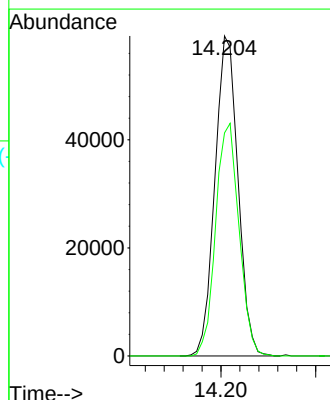
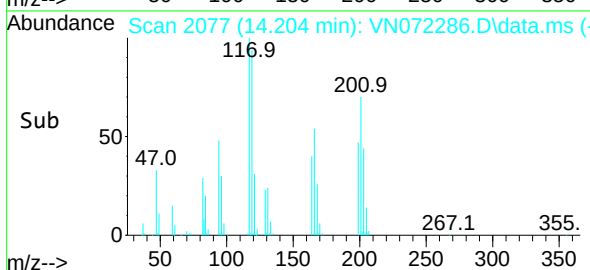
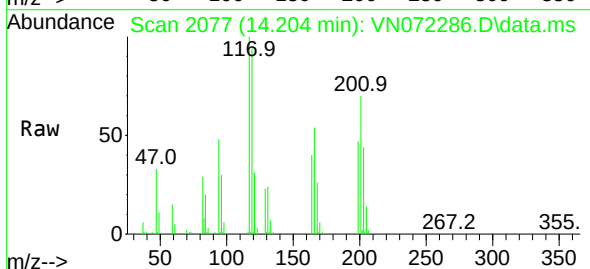


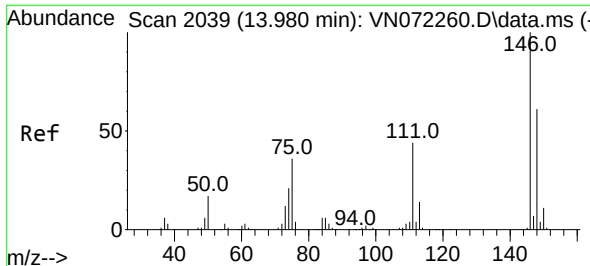
Tgt Ion: 91 Resp: 402248  
Ion Ratio Lower Upper  
91 100  
92 53.5 26.9 80.7  
134 24.5 13.6 40.8



#90  
Hexachloroethane  
Concen: 49.540 ug/l  
RT: 14.204 min Scan# 2077  
Delta R.T. -0.000 min  
Lab File: VN072286.D  
Acq: 02 May 2022 10:28

Tgt Ion: 117 Resp: 100266  
Ion Ratio Lower Upper  
117 100  
201 73.6 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 49.739 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

Instrument :

MSVOA\_N

ClientSampleId :

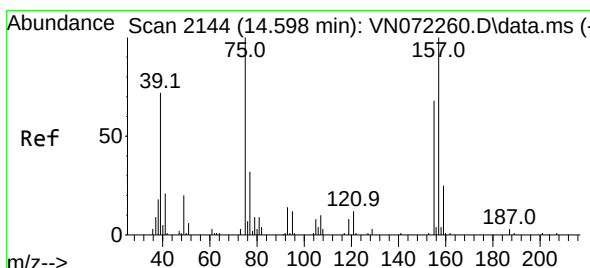
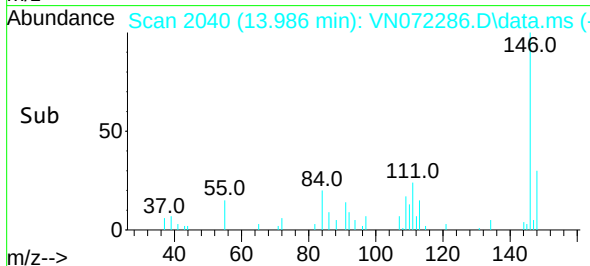
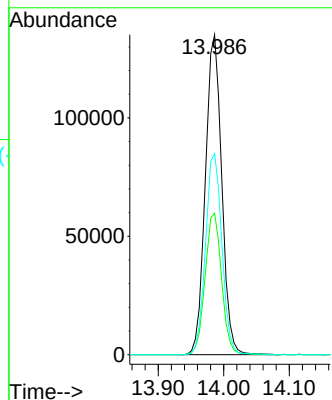
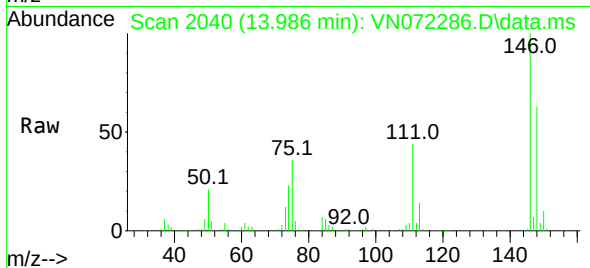
Tgt Ion:146 Resp: 235388

Ion Ratio Lower Upper

146 100

111 44.5 20.9 62.8

148 62.9 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.572 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

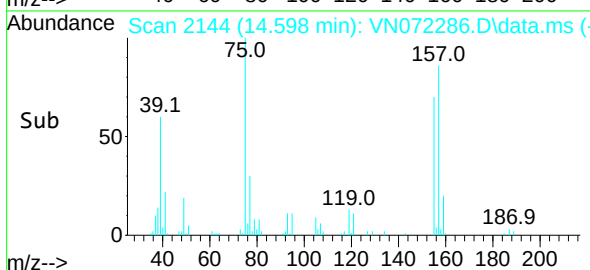
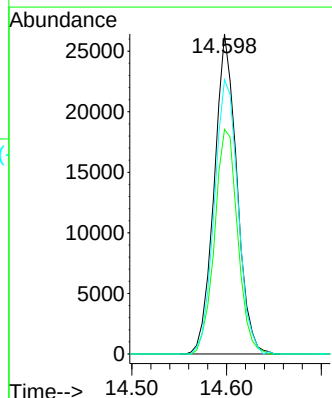
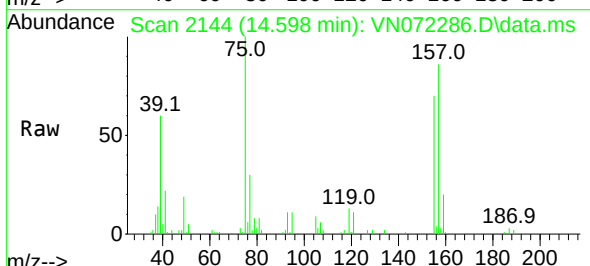
Tgt Ion: 75 Resp: 43877

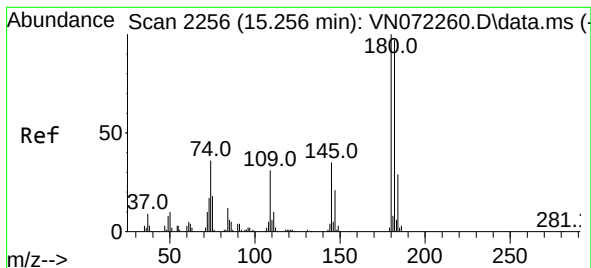
Ion Ratio Lower Upper

75 100

155 71.3 44.9 134.5

157 89.3 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 48.995 ug/l

RT: 15.262 min Scan# 21

Delta R.T. 0.005 min

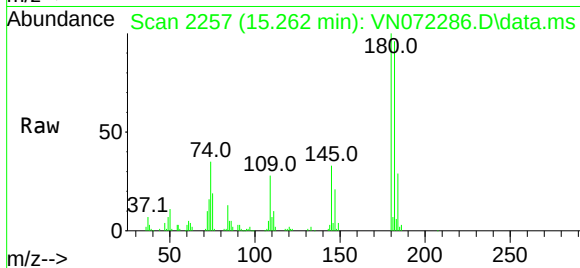
Lab File: VN072286.D

Acq: 02 May 2022 10:28

Instrument :

MSVOA\_N

ClientSampleId :



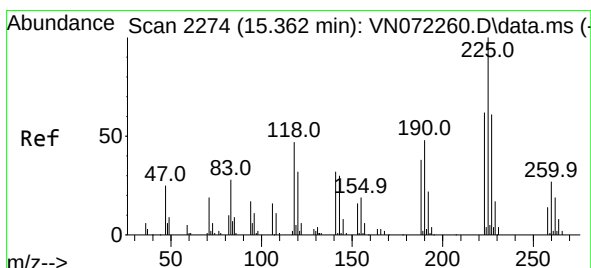
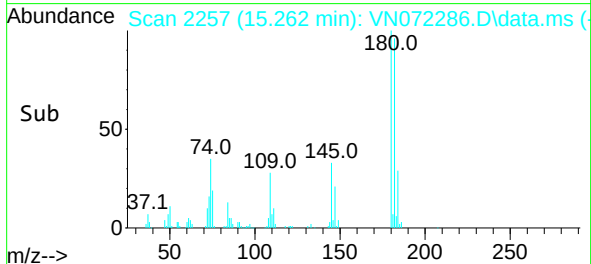
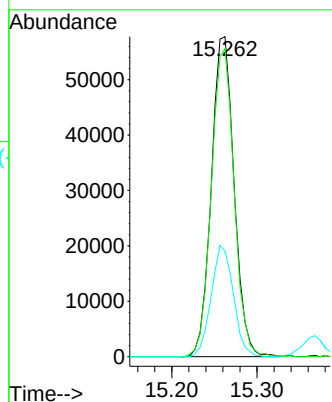
Tgt Ion:180 Resp: 107076

Ion Ratio Lower Upper

180 100

182 96.4 47.5 142.5

145 34.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 52.383 ug/l

RT: 15.362 min Scan# 2274

Delta R.T. -0.001 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

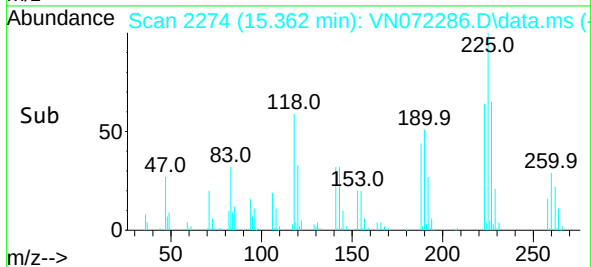
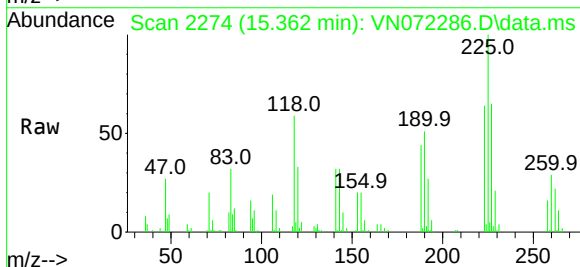
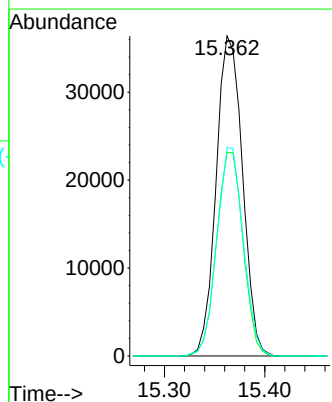
Tgt Ion:225 Resp: 66428

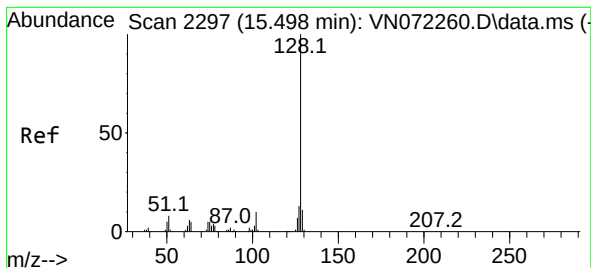
Ion Ratio Lower Upper

225 100

223 63.9 32.4 97.2

227 65.6 31.8 95.4





#95

Naphthalene

Concen: 44.396 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

Instrument :

MSVOA\_N

ClientSampleId :

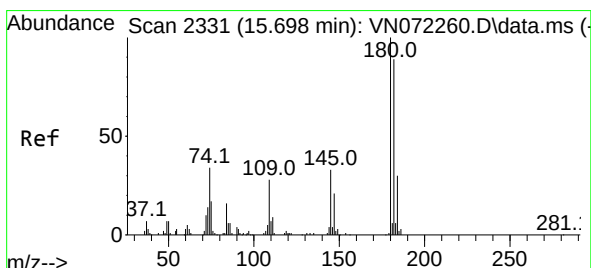
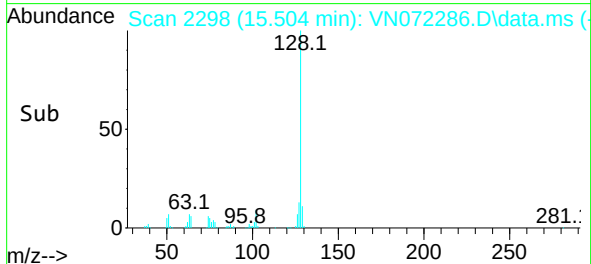
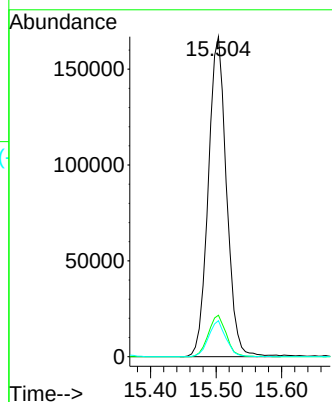
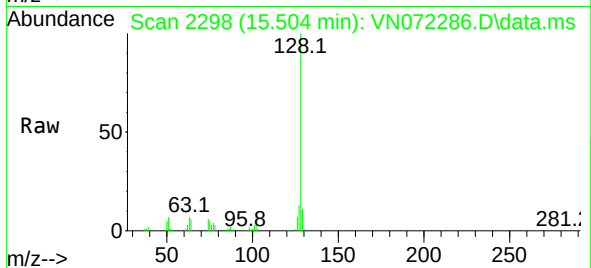
Tgt Ion:128 Resp: 322736

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.113 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. 0.006 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

Tgt Ion:180 Resp: 106975

Ion Ratio Lower Upper

180 100

182 95.3 47.8 143.3

145 36.0 15.5 46.5

