

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042022\  
 Data File : VN072114.D  
 Acq On : 21 Apr 2022 06:43  
 Operator : JC\MD  
 Sample : N2482-06MS  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Apr 21 07:17:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 31 01:57:54 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 8.081  | 168   | 509825   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.963  | 114   | 792617   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.739 | 117   | 738262   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.668 | 152   | 297150   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.434  | 65    | 291385   | 50.064   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | = 100.120% |          |
| 35) Dibromofluoromethane     | 8.016  | 113   | 258946   | 55.519   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | = 111.040% |          |
| 50) Toluene-d8               | 10.439 | 98    | 1016784  | 53.291   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | = 106.580% |          |
| 62) 4-Bromofluorobenzene     | 12.727 | 95    | 336639   | 54.555   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | = 109.100% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.069  | 85    | 245186   | 60.493   | ug/l       | 95       |
| 3) Chloromethane             | 2.299  | 50    | 267594   | 52.101   | ug/l       | 97       |
| 4) Vinyl Chloride            | 2.440  | 62    | 264815   | 46.951   | ug/l       | 99       |
| 5) Bromomethane              | 2.822  | 94    | 151500   | 41.320   | ug/l       | 100      |
| 6) Chloroethane              | 2.993  | 64    | 167438   | 41.266   | ug/l       | 99       |
| 7) Trichlorofluoromethane    | 3.363  | 101   | 361660   | 50.399   | ug/l       | 98       |
| 8) Diethyl Ether             | 3.822  | 74    | 167635   | 55.276   | ug/l       | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 4.210  | 101   | 225730   | 51.046   | ug/l       | 98       |
| 10) Methyl Iodide            | 4.422  | 142   | 329940   | 53.375   | ug/l       | 100      |
| 11) Tert butyl alcohol       | 5.369  | 59    | 266627   | 282.286  | ug/l       | 99       |
| 12) 1,1-Dichloroethene       | 4.181  | 96    | 228340   | 54.262   | ug/l       | 92       |
| 13) Acrolein                 | 4.040  | 56    | 219376   | 190.485  | ug/l       | 99       |
| 14) Allyl chloride           | 4.834  | 41    | 340948   | 49.918   | ug/l       | 94       |
| 15) Acrylonitrile            | 5.545  | 53    | 781367   | 284.606  | ug/l       | 99       |
| 16) Acetone                  | 4.281  | 43    | 623073   | 250.495  | ug/l       | 93       |
| 17) Carbon Disulfide         | 4.528  | 76    | 542604   | 56.198   | ug/l       | 99       |
| 18) Methyl Acetate           | 4.851  | 43    | 293232   | 47.532   | ug/l       | 98       |
| 19) Methyl tert-butyl Ether  | 5.610  | 73    | 837075   | 53.544   | ug/l       | 98       |
| 20) Methylene Chloride       | 5.093  | 84    | 279985   | 53.404   | ug/l       | 97       |
| 21) trans-1,2-Dichloroethene | 5.593  | 96    | 244949   | 53.024   | ug/l       | 99       |
| 22) Diisopropyl ether        | 6.492  | 45    | 772285   | 51.939   | ug/l       | 94       |
| 23) Vinyl Acetate            | 6.428  | 43    | 2760706  | 233.478  | ug/l       | 99       |
| 24) 1,1-Dichloroethane       | 6.387  | 63    | 461925   | 52.918   | ug/l       | 98       |
| 25) 2-Butanone               | 7.328  | 43    | 967932   | 269.932  | ug/l       | 95       |
| 26) 2,2-Dichloropropane      | 7.322  | 77    | 261991   | 34.938   | ug/l       | 95       |
| 27) cis-1,2-Dichloroethene   | 7.322  | 96    | 306738   | 54.148   | ug/l       | 92       |
| 28) Bromochloromethane       | 7.651  | 49    | 170521   | 48.427   | ug/l       | 94       |
| 29) Tetrahydrofuran          | 7.681  | 42    | 634042   | 273.073  | ug/l       | 96       |
| 30) Chloroform               | 7.816  | 83    | 485062   | 52.627   | ug/l       | 97       |
| 31) Cyclohexane              | 8.092  | 56    | 398394   | 50.333   | ug/l       | 99       |
| 32) 1,1,1-Trichloroethane    | 8.010  | 97    | 411552   | 52.194   | ug/l       | 98       |
| 36) 1,1-Dichloropropene      | 8.216  | 75    | 345554   | 53.054   | ug/l       | 99       |
| 37) Ethyl Acetate            | 7.410  | 43    | 387224   | 54.317   | ug/l       | 97       |
| 38) Carbon Tetrachloride     | 8.204  | 117   | 340455   | 53.335   | ug/l       | 98       |
| 39) Methylcyclohexane        | 9.457  | 83    | 413979   | 53.395   | ug/l       | 99       |
| 40) Benzene                  | 8.457  | 78    | 1125344  | 54.695   | ug/l       | 100      |

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 Sample : N2482-06MS  
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 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Apr 21 07:17:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 31 01:57:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.628  | 41   | 198987   | 57.006   | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.528  | 62   | 358136   | 50.319   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.557  | 43   | 557049   | 46.978   | ug/l   | 97       |
| 44) Trichloroethene           | 9.216  | 130  | 285574   | 53.874   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.486  | 63   | 277999   | 54.085   | ug/l   | 100      |
| 46) Dibromomethane            | 9.575  | 93   | 188069   | 53.890   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.757  | 83   | 375271   | 54.627   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.557  | 41   | 278146   | 56.539   | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.563  | 88   | 134251   | 1152.402 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.328 | 43   | 1966283  | 288.418  | ug/l   | 96       |
| 52) Toluene                   | 10.504 | 92   | 738209   | 56.759   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.716 | 75   | 378065   | 52.510   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.186 | 75   | 422570   | 53.118   | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 10.892 | 97   | 293866   | 54.900   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.757 | 69   | 467053   | 61.164   | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 11.039 | 76   | 487988   | 54.526   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.063 | 63   | 255      | 17.068   | ug/l # | 44       |
| 59) 2-Hexanone                | 11.080 | 43   | 1393834  | 290.391  | ug/l   | 94       |
| 60) Dibromochloromethane      | 11.233 | 129  | 305567   | 58.546   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.339 | 107  | 301853   | 57.288   | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.975 | 164  | 247968   | 50.865   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.763 | 112  | 794711   | 53.759   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.839 | 131  | 285941   | 53.605   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.839 | 91   | 1385714  | 55.373   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.951 | 106  | 1075030  | 111.805  | ug/l   | 99       |
| 69) o-Xylene                  | 12.274 | 106  | 542569   | 56.851   | ug/l   | 97       |
| 70) Styrene                   | 12.292 | 104  | 853685   | 59.037   | ug/l   | 99       |
| 71) Bromoform                 | 12.457 | 173  | 235341   | 57.935   | ug/l   | 97       |
| 73) Isopropylbenzene          | 12.574 | 105  | 1320223  | 52.725   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.380 | 43   | 333344   | 46.463   | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.821 | 83   | 428250   | 51.258   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.874 | 75   | 497450   | 72.265   | ug/l   | 53       |
| 77) Bromobenzene              | 12.857 | 156  | 329537   | 52.498   | ug/l   | 95       |
| 78) n-propylbenzene           | 12.916 | 91   | 1458368  | 55.367   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 903622   | 53.494   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.051 | 105  | 1105027  | 55.698   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.621 | 75   | 106924   | 48.136   | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 13.098 | 91   | 829948   | 53.006   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.316 | 119  | 998578   | 55.062   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 1084297  | 56.015   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 1301833  | 55.375   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 1066832  | 56.913   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.610 | 146  | 521546   | 52.153   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.692 | 146  | 502417   | 51.497   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.939 | 91   | 758404   | 54.550   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.204 | 117  | 189160   | 55.127   | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 515602   | 52.518   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 71891    | 55.475   | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.257 | 180  | 245811   | 51.896   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.363 | 225  | 135010   | 46.627   | ug/l   | 99       |
| 95) Naphthalene               | 15.498 | 128  | 730071   | 53.653   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 241903   | 52.669   | ug/l   | 100      |

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ALS Vial : 51 Sample Multiplier: 1

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MSVOA\_N  
ClientSampleId :

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Quant Title : SW846 8260  
QLast Update : Thu Mar 31 01:57:54 2022  
Response via : Initial Calibration

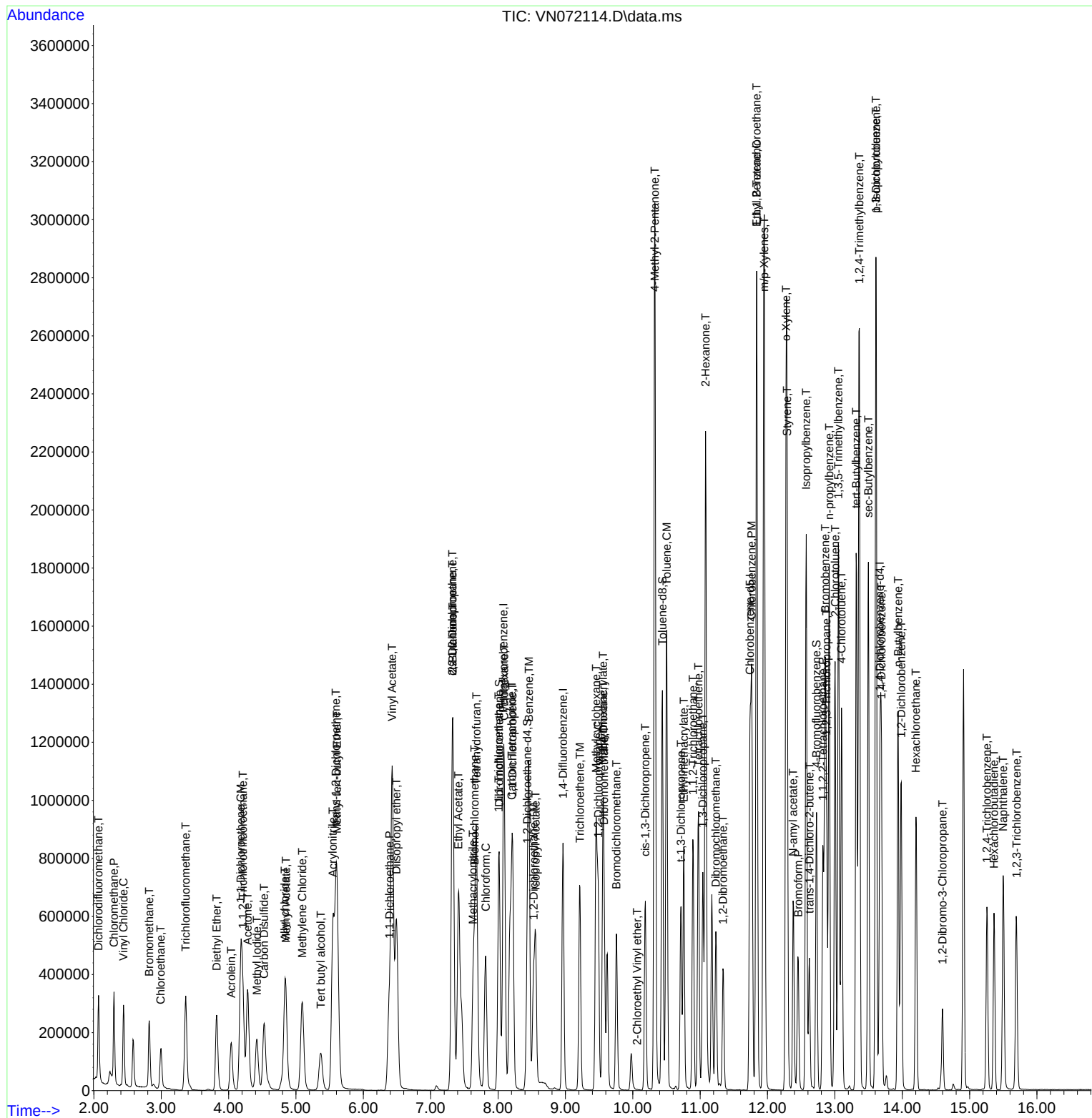
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

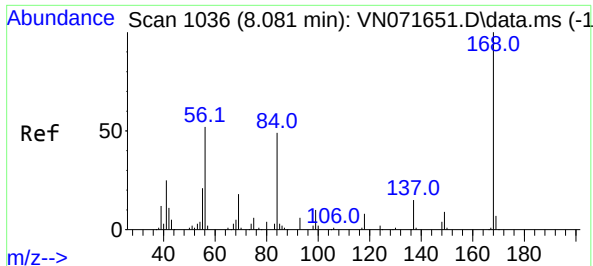
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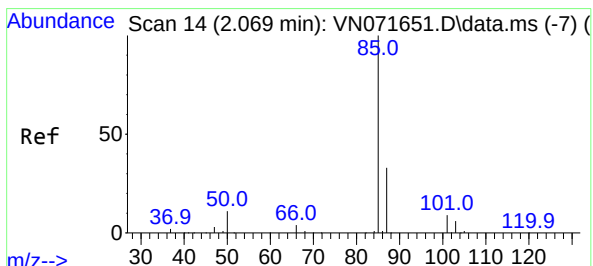
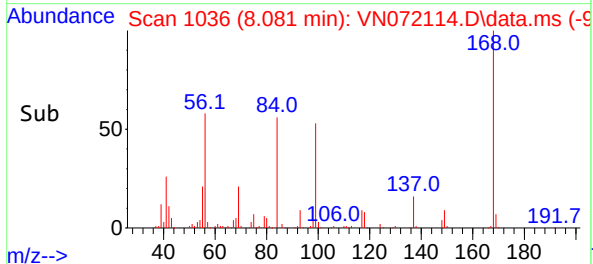
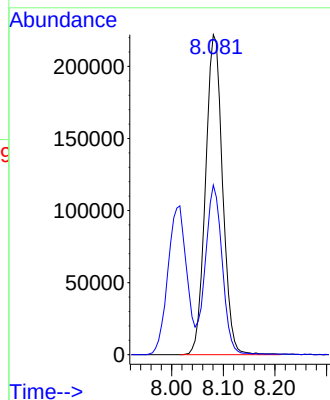
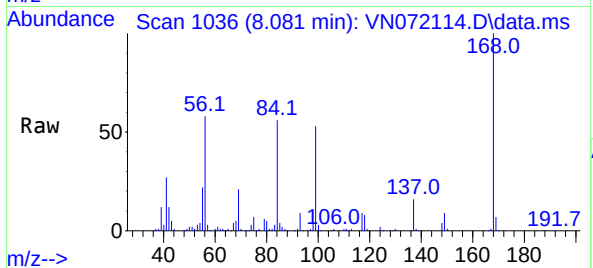




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

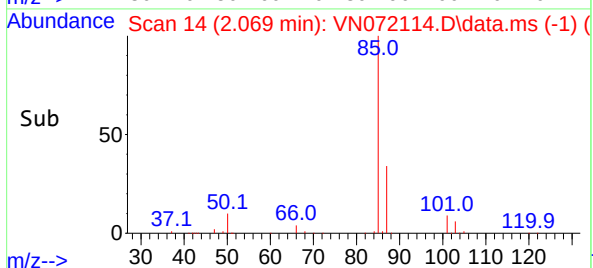
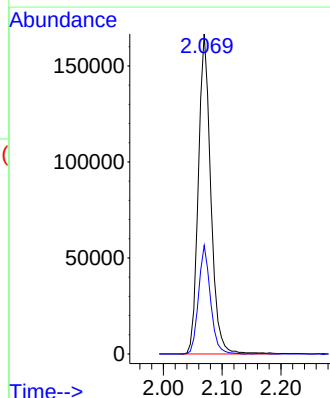
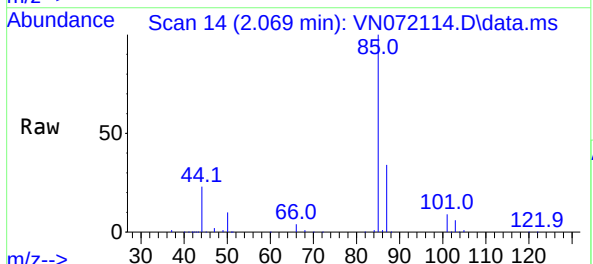
Instrument :  
MSVOA\_N  
ClientSampleId :

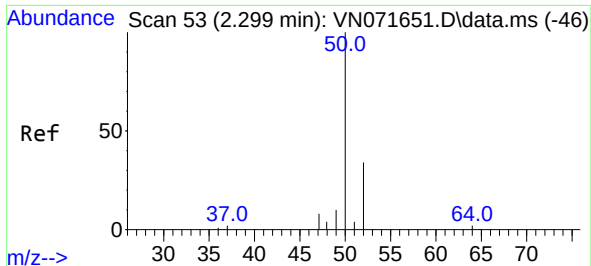
Tgt Ion:168 Resp: 509825  
Ion Ratio Lower Upper  
168 100  
99 52.8 42.3 63.5



#2  
Dichlorodifluoromethane  
Concen: 60.493 ug/l  
RT: 2.069 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

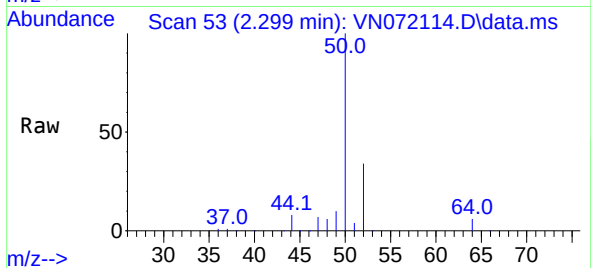
Tgt Ion: 85 Resp: 245186  
Ion Ratio Lower Upper  
85 100  
87 33.9 15.7 47.1



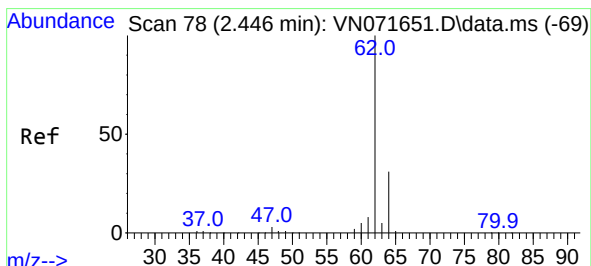
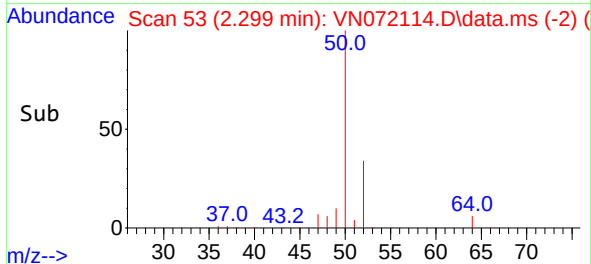
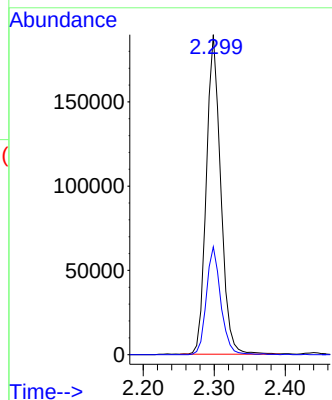


#3  
Chloromethane  
Concen: 52.101 ug/l  
RT: 2.299 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Instrument :  
MSVOA\_N  
ClientSampleId :

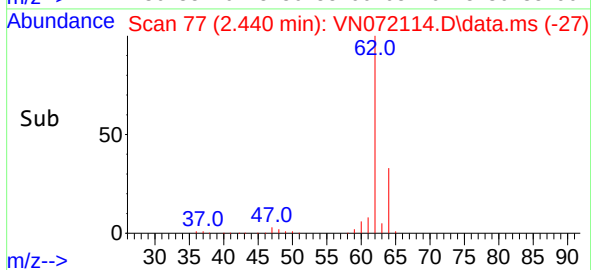
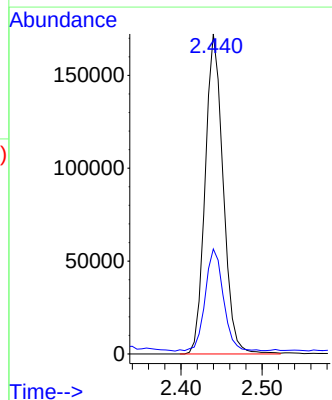
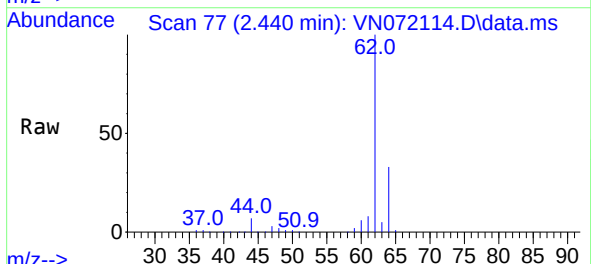


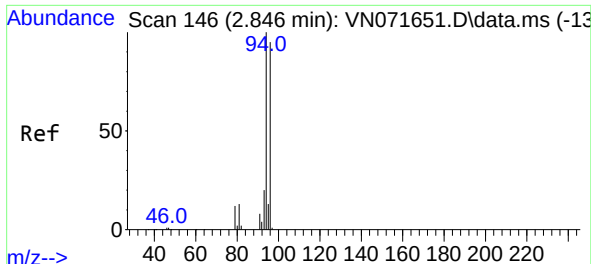
Tgt Ion: 50 Resp: 267594  
Ion Ratio Lower Upper  
50 100  
52 33.8 25.7 38.5



#4  
Vinyl Chloride  
Concen: 46.951 ug/l  
RT: 2.440 min Scan# 77  
Delta R.T. -0.006 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion: 62 Resp: 264815  
Ion Ratio Lower Upper  
62 100  
64 31.7 25.0 37.4

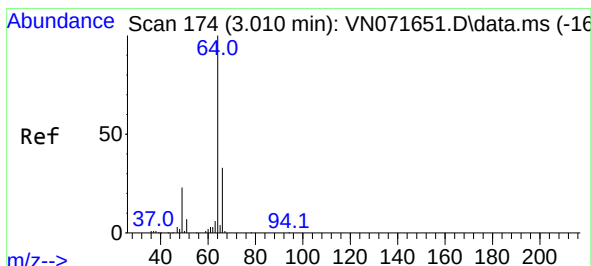
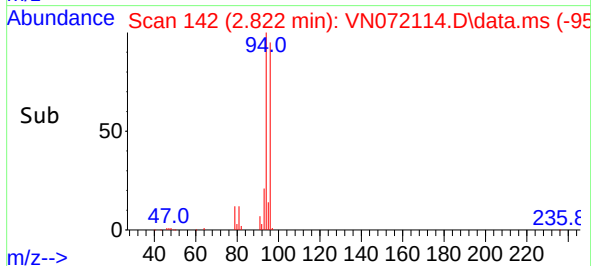
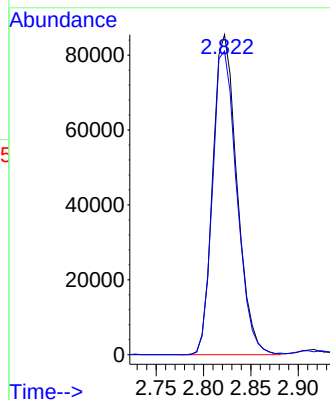
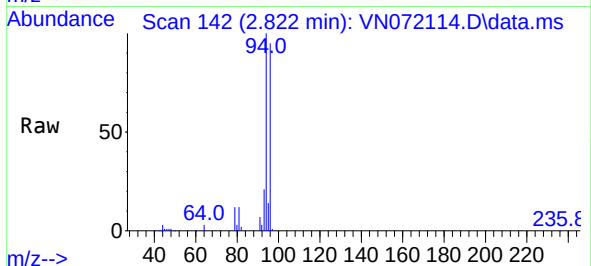




#5  
Bromomethane  
Concen: 41.320 ug/l  
RT: 2.822 min Scan# 146  
Delta R.T. -0.024 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

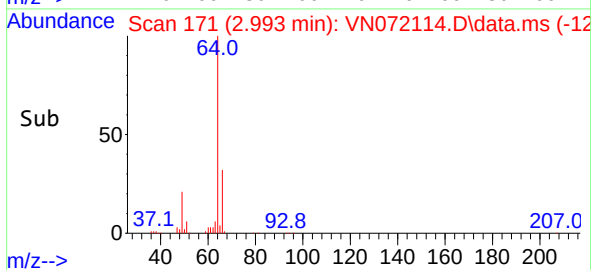
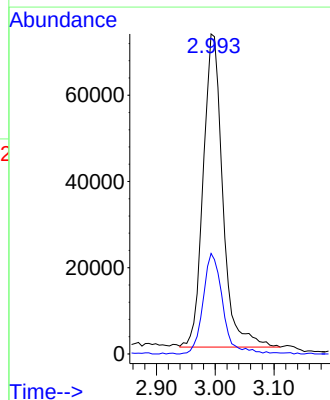
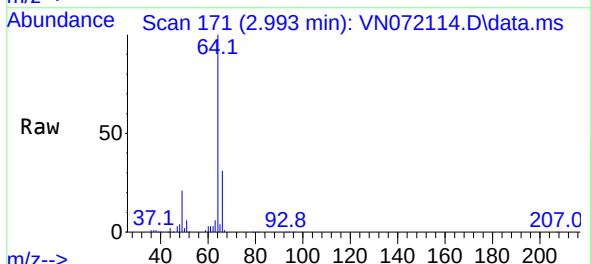
Instrument :  
MSVOA\_N  
ClientSampleId :

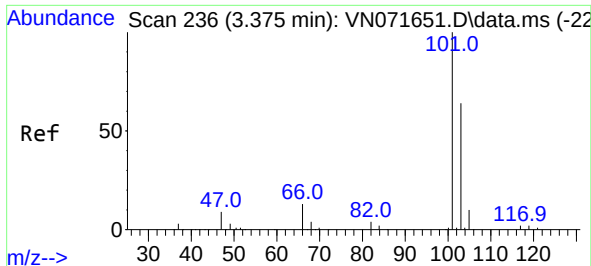
Tgt Ion: 94 Resp: 151500  
Ion Ratio Lower Upper  
94 100  
96 94.9 76.0 114.0



#6  
Chloroethane  
Concen: 41.266 ug/l  
RT: 2.993 min Scan# 171  
Delta R.T. -0.017 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion: 64 Resp: 167438  
Ion Ratio Lower Upper  
64 100  
66 32.1 26.2 39.4

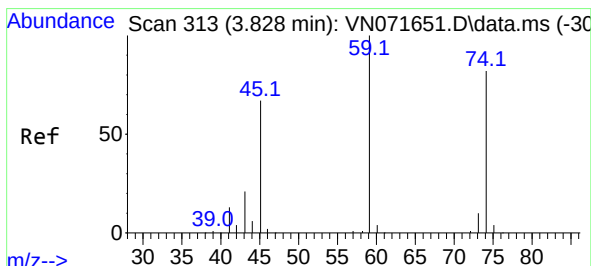
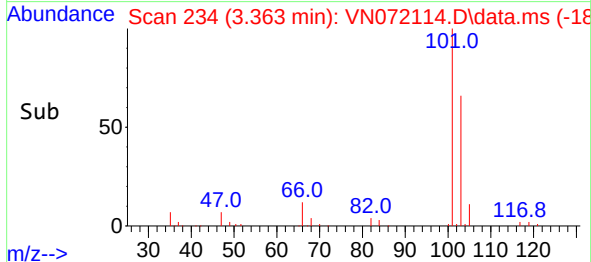
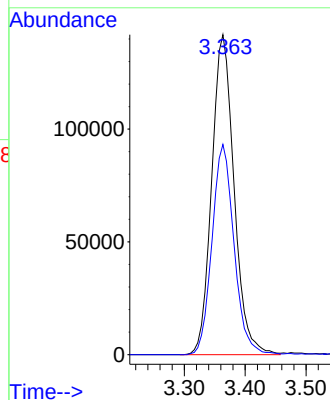
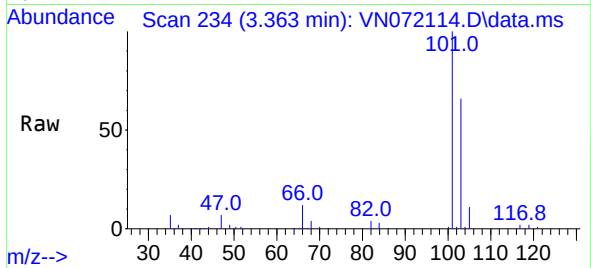




#7  
Trichlorofluoromethane  
Concen: 50.399 ug/l  
RT: 3.363 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

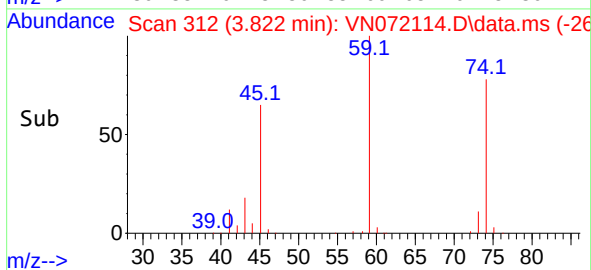
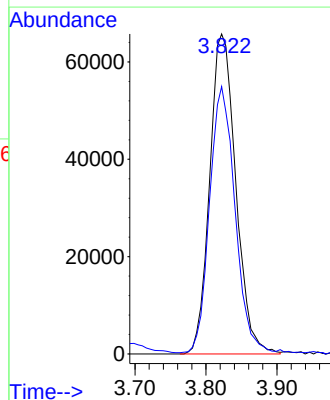
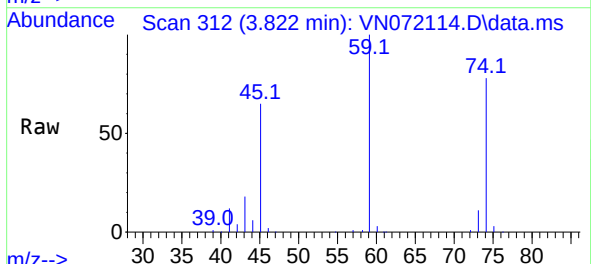
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:101 Resp: 361660  
Ion Ratio Lower Upper  
101 100  
103 65.7 51.5 77.3

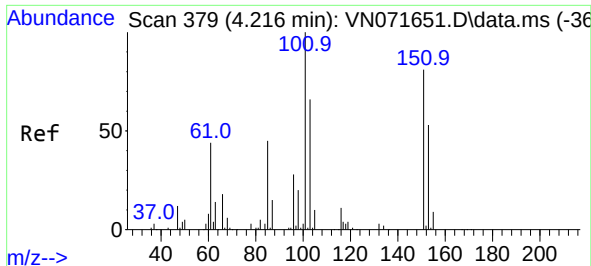


#8  
Diethyl Ether  
Concen: 55.276 ug/l  
RT: 3.822 min Scan# 312  
Delta R.T. -0.006 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion: 74 Resp: 167635  
Ion Ratio Lower Upper  
74 100  
45 80.8 42.9 128.5



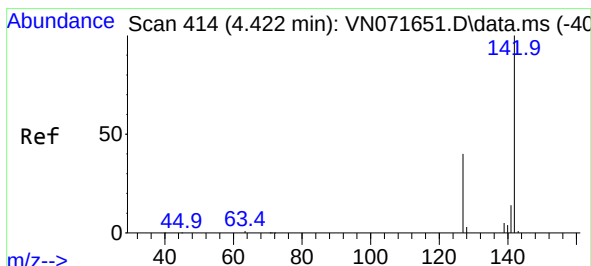
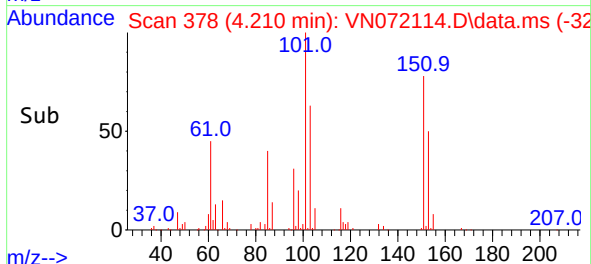
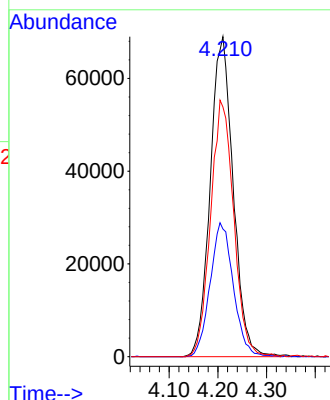
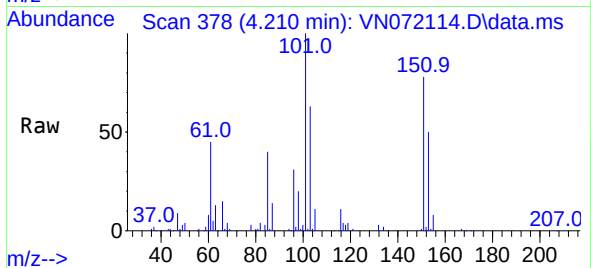




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.046 ug/l  
RT: 4.210 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

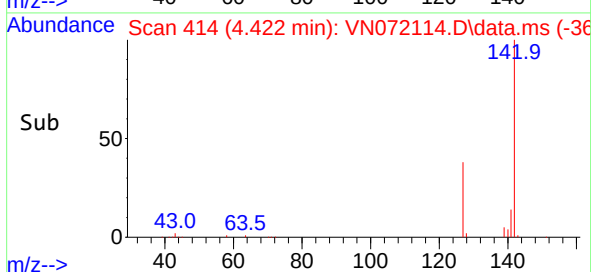
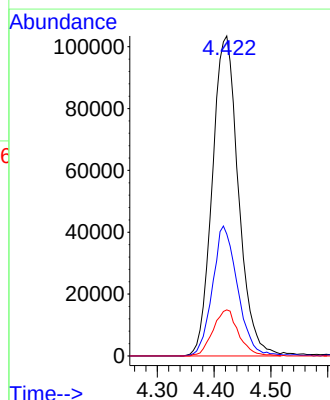
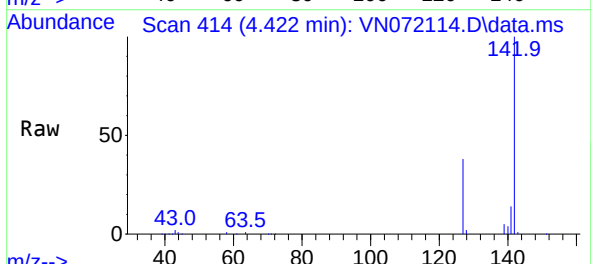
Instrument :  
MSVOA\_N  
ClientSampleId :

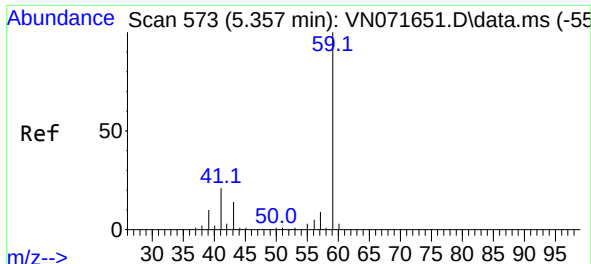
Tgt Ion:101 Resp: 225730  
Ion Ratio Lower Upper  
101 100  
85 42.4 34.7 52.1  
151 80.7 63.0 94.4



#10  
Methyl Iodide  
Concen: 53.375 ug/l  
RT: 4.422 min Scan# 414  
Delta R.T. 0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion:142 Resp: 329940  
Ion Ratio Lower Upper  
142 100  
127 39.2 31.3 46.9  
141 14.1 11.2 16.8

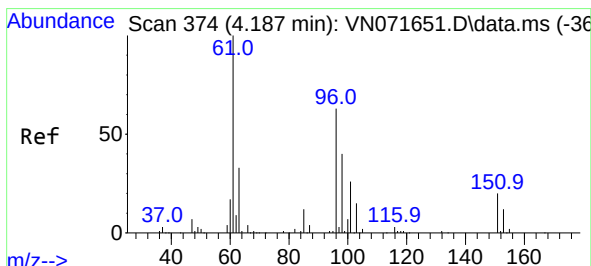
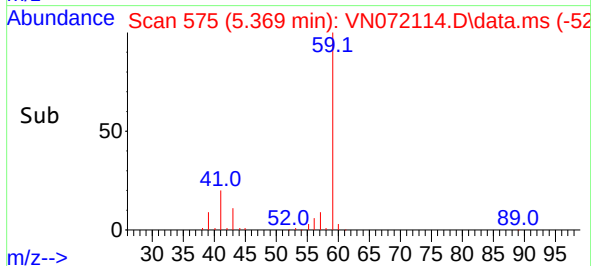
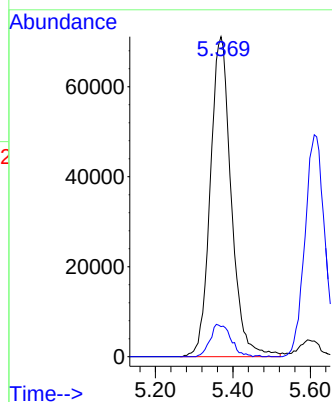
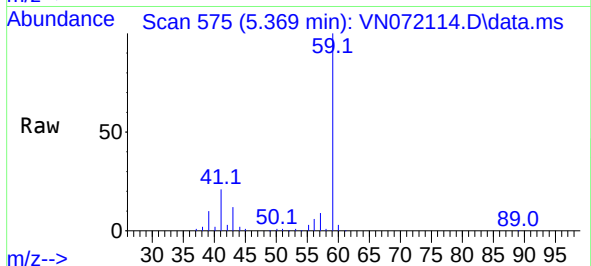




#11  
Tert butyl alcohol  
Concen: 282.286 ug/l  
RT: 5.369 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

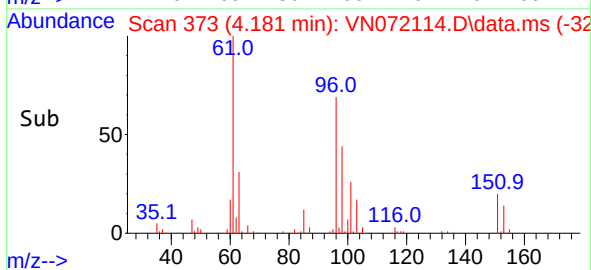
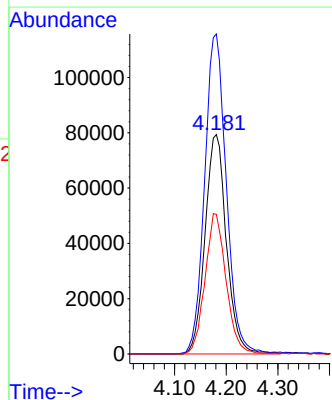
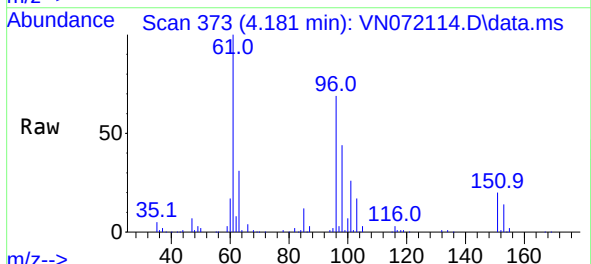
Instrument :  
MSVOA\_N  
ClientSampleId :

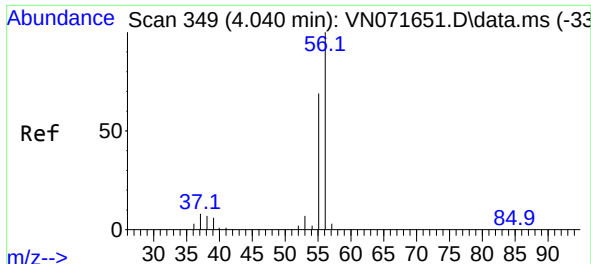
Tgt Ion: 59 Resp: 266627  
Ion Ratio Lower Upper  
59 100  
57 10.0 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 54.262 ug/l  
RT: 4.181 min Scan# 373  
Delta R.T. -0.006 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion: 96 Resp: 228340  
Ion Ratio Lower Upper  
96 100  
61 145.7 127.6 191.4  
98 63.7 51.2 76.8

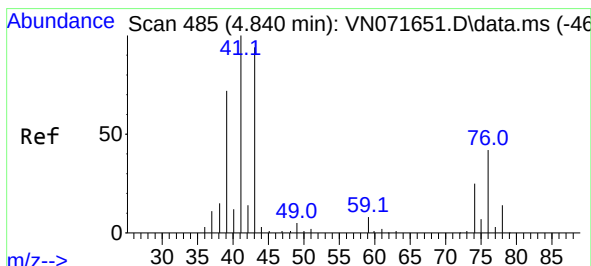
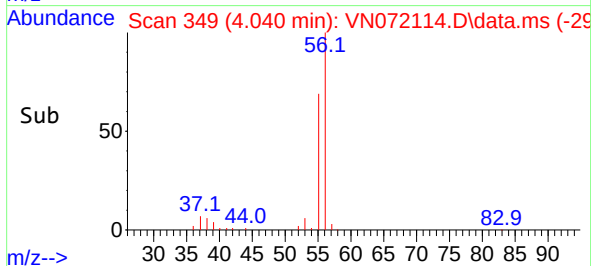
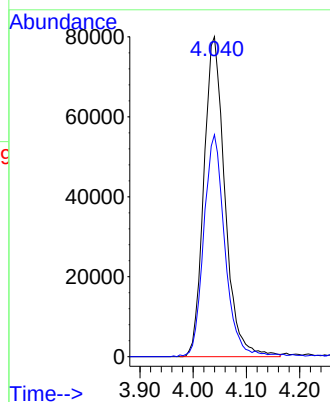
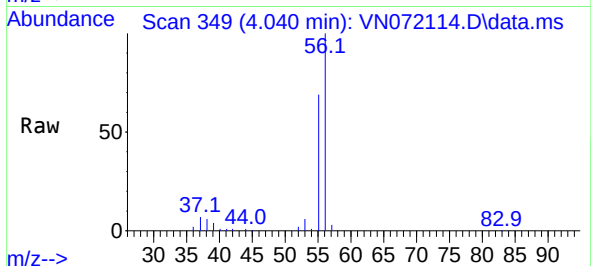




#13  
Acrolein  
Concen: 190.485 ug/l  
RT: 4.040 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

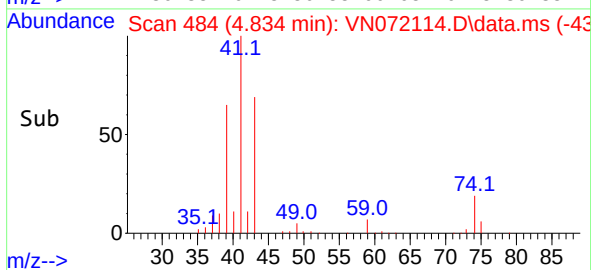
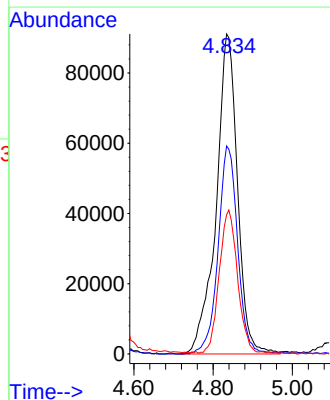
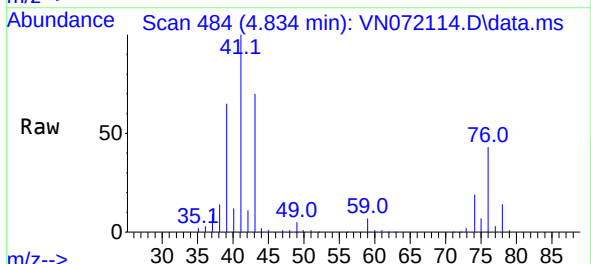
Instrument :  
MSVOA\_N  
ClientSampleId :

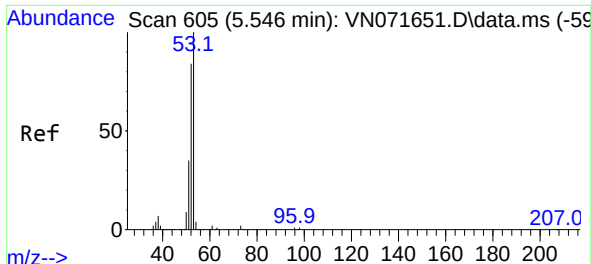
Tgt Ion: 56 Resp: 219376  
Ion Ratio Lower Upper  
56 100  
55 69.5 54.8 82.2



#14  
Allyl chloride  
Concen: 49.918 ug/l  
RT: 4.834 min Scan# 484  
Delta R.T. -0.006 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

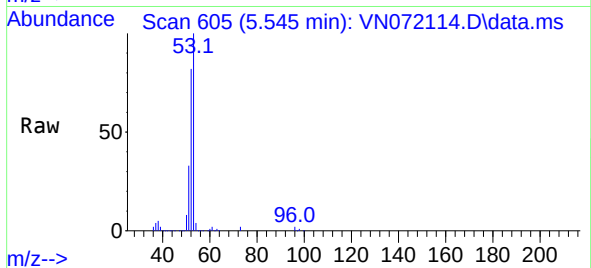
Tgt Ion: 41 Resp: 340948  
Ion Ratio Lower Upper  
41 100  
39 59.4 53.2 79.8  
76 38.6 29.9 44.9





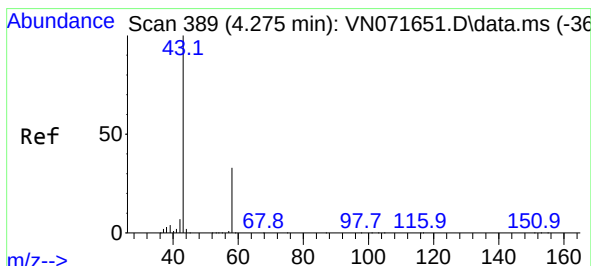
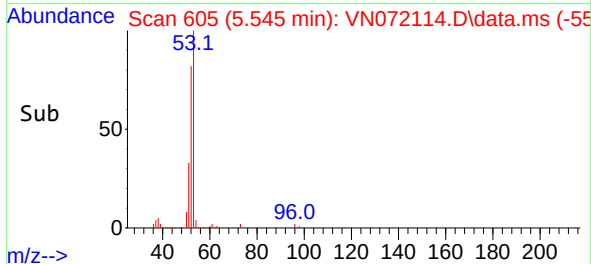
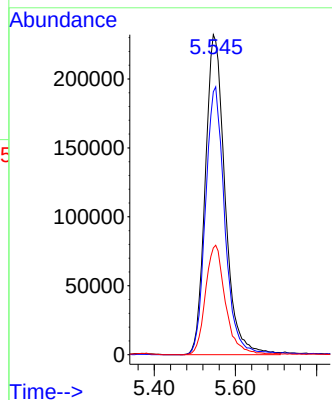
#15  
Acrylonitrile  
Concen: 284.606 ug/l  
RT: 5.545 min Scan# 605  
Delta R.T. -0.001 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 53 Resp: 781367

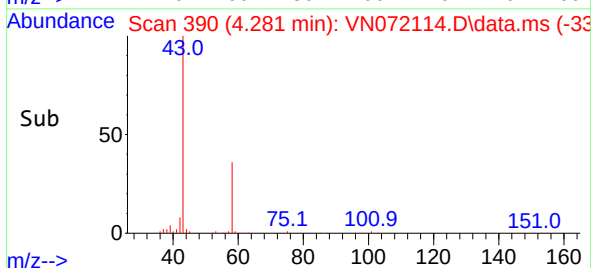
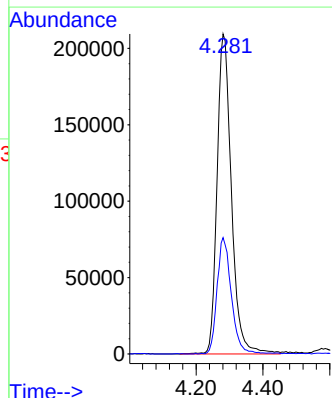
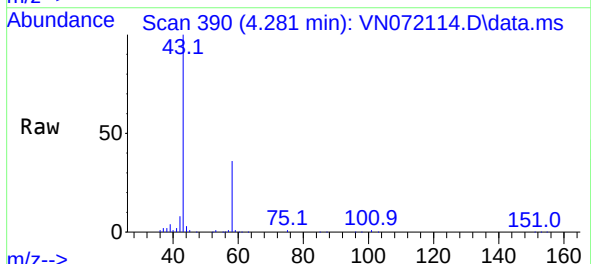
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 81.8  | 66.4  | 99.6  |
| 51  | 34.6  | 28.5  | 42.7  |

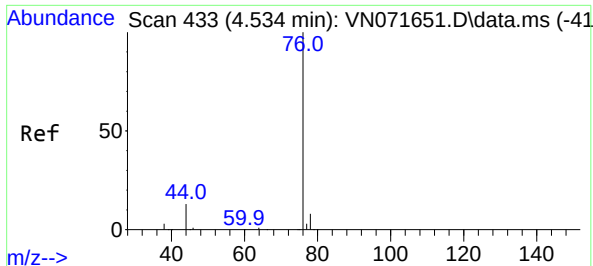


#16  
Acetone  
Concen: 250.495 ug/l  
RT: 4.281 min Scan# 390  
Delta R.T. 0.006 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion: 43 Resp: 623073

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 36.3  | 26.0  | 39.0  |

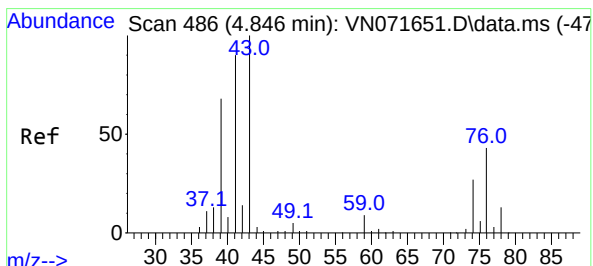
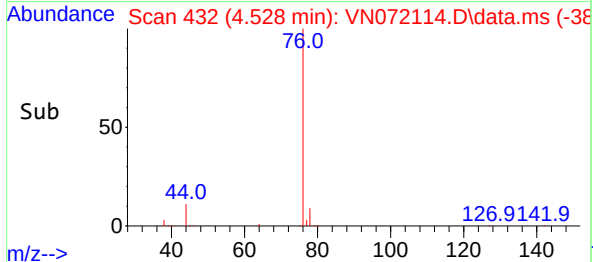
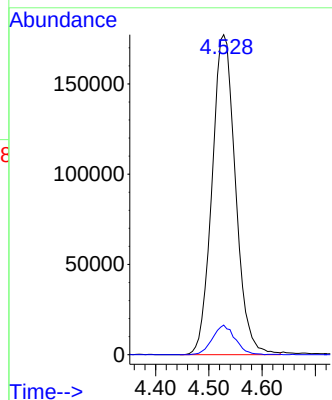
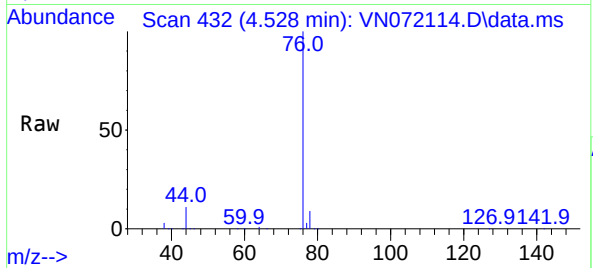




#17  
Carbon Disulfide  
Concen: 56.198 ug/l  
RT: 4.528 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

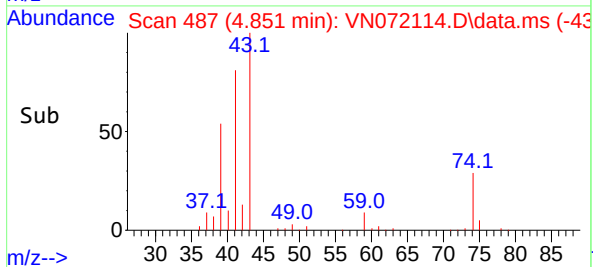
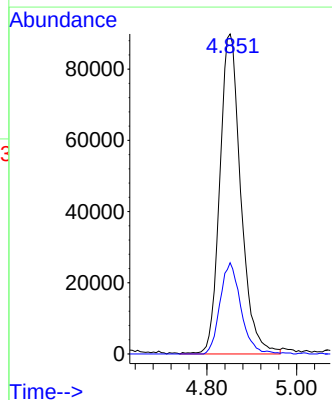
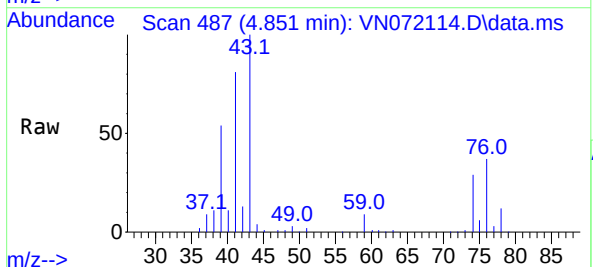
Instrument :  
MSVOA\_N  
ClientSampleId :

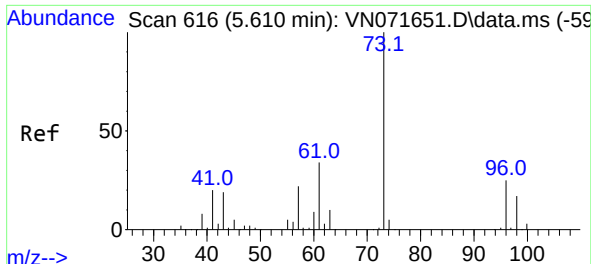
Tgt Ion: 76 Resp: 542604  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.2 10.8



#18  
Methyl Acetate  
Concen: 47.532 ug/l  
RT: 4.851 min Scan# 487  
Delta R.T. 0.005 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion: 43 Resp: 293232  
Ion Ratio Lower Upper  
43 100  
74 28.1 21.6 32.4

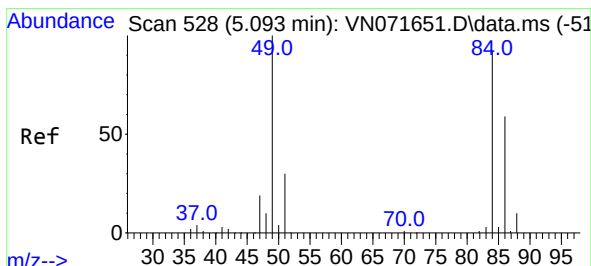
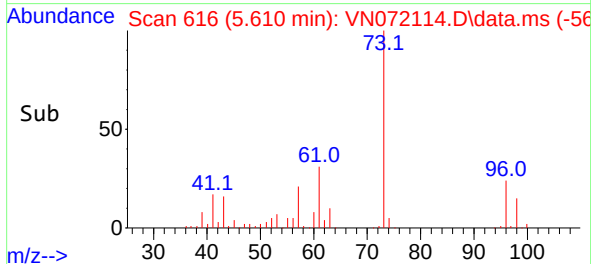
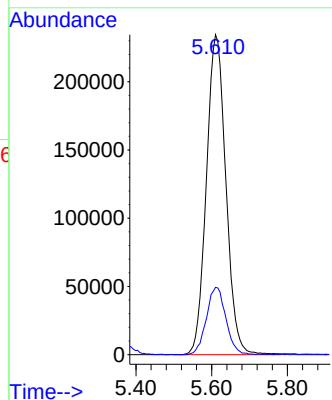
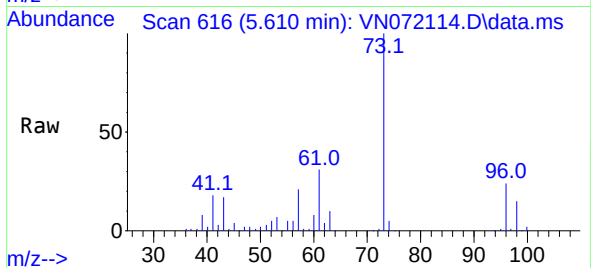




#19  
Methyl tert-butyl Ether  
Concen: 53.544 ug/l  
RT: 5.610 min Scan# 616  
Delta R.T. 0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

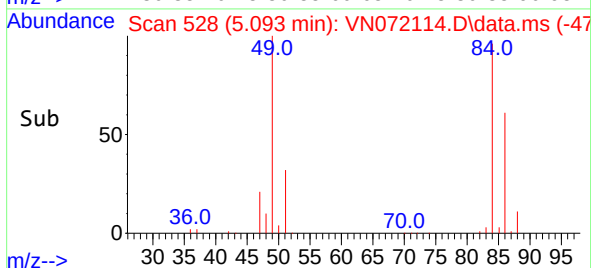
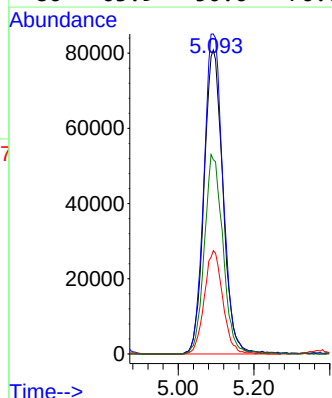
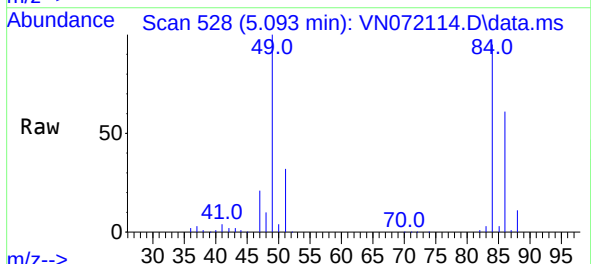
Instrument :  
MSVOA\_N  
ClientSampleId :

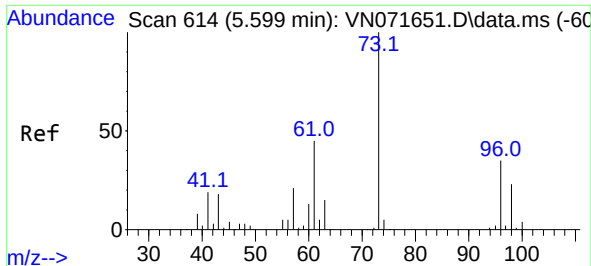
Tgt Ion: 73 Resp: 837075  
Ion Ratio Lower Upper  
73 100  
57 21.0 17.6 26.4



#20  
Methylene Chloride  
Concen: 53.404 ug/l  
RT: 5.093 min Scan# 528  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

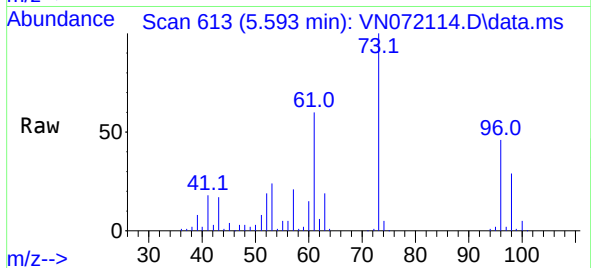
Tgt Ion: 84 Resp: 279985  
Ion Ratio Lower Upper  
84 100  
49 105.2 88.3 132.5  
51 34.0 28.2 42.2  
86 63.9 50.6 76.0



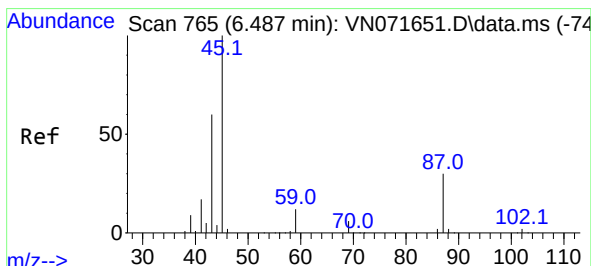
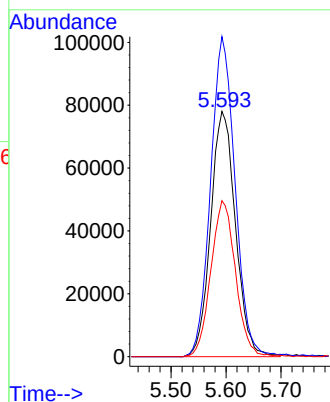
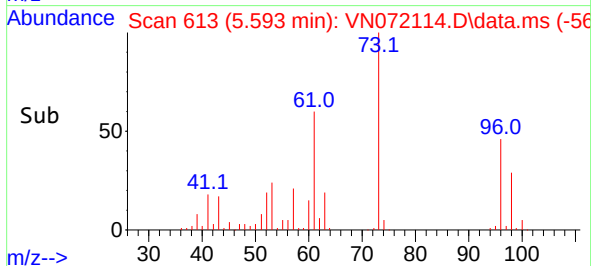


#21  
trans-1,2-Dichloroethene  
Concen: 53.024 ug/l  
RT: 5.593 min Scan# 614  
Delta R.T. -0.006 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

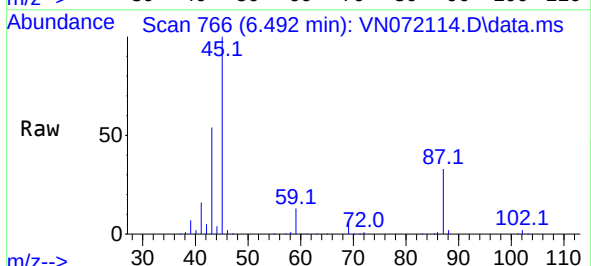
Instrument :  
MSVOA\_N  
ClientSampleId :



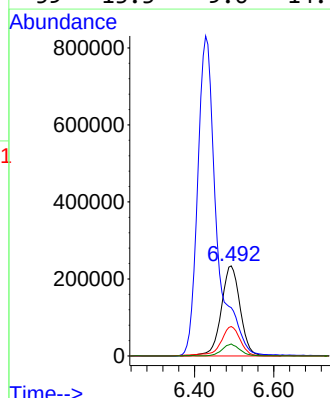
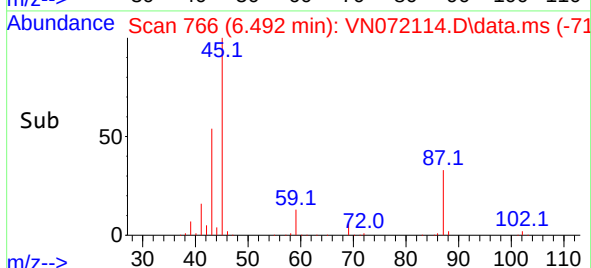
Tgt Ion: 96 Resp: 244949  
Ion Ratio Lower Upper  
96 100  
61 130.5 105.8 158.8  
98 63.6 50.3 75.5

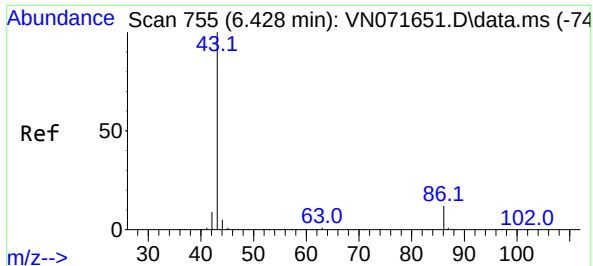


#22  
Diisopropyl ether  
Concen: 51.939 ug/l  
RT: 6.492 min Scan# 766  
Delta R.T. 0.005 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43



Tgt Ion: 45 Resp: 772285  
Ion Ratio Lower Upper  
45 100  
43 53.1 46.6 70.0  
87 32.6 24.3 36.5  
59 13.3 9.6 14.4

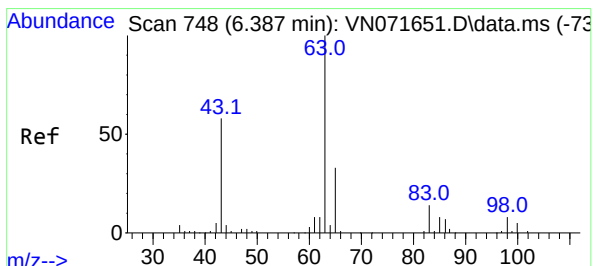
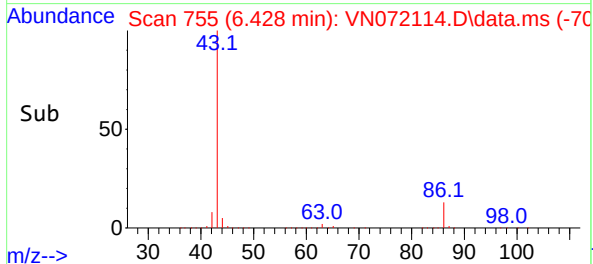
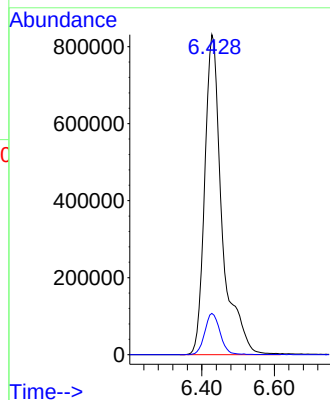
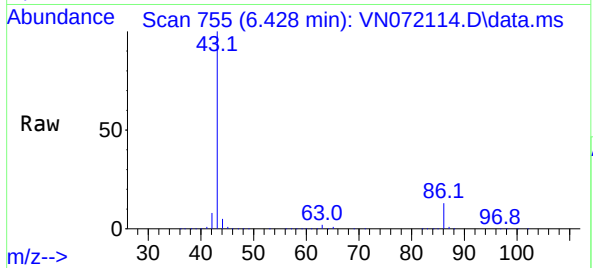




#23  
 Vinyl Acetate  
 Concen: 233.478 ug/l  
 RT: 6.428 min Scan# 755  
 Delta R.T. -0.000 min  
 Lab File: VN072114.D  
 Acq: 21 Apr 2022 06:43

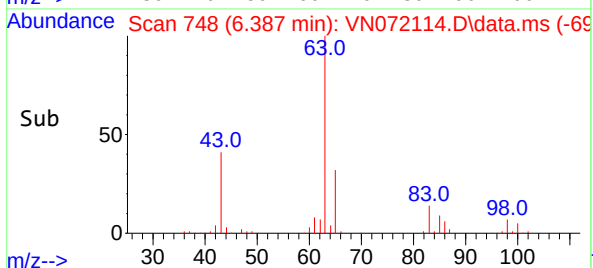
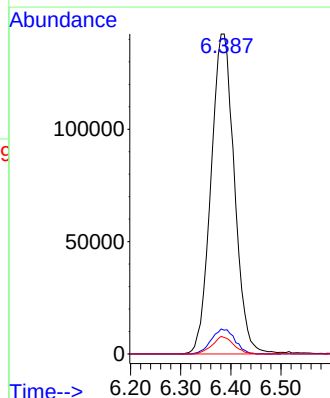
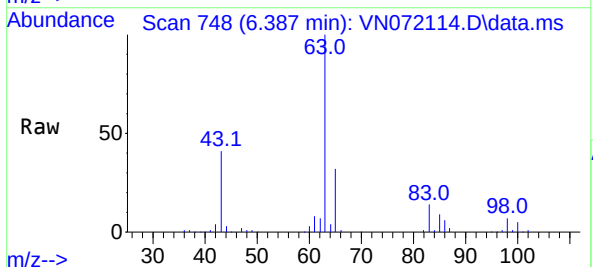
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 43 Resp: 2760706  
 Ion Ratio Lower Upper  
 43 100  
 86 12.9 10.0 15.0

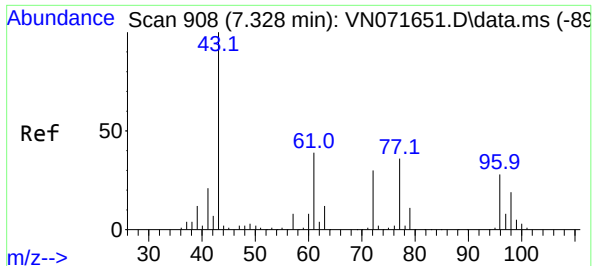


#24  
 1,1-Dichloroethane  
 Concen: 52.918 ug/l  
 RT: 6.387 min Scan# 748  
 Delta R.T. -0.000 min  
 Lab File: VN072114.D  
 Acq: 21 Apr 2022 06:43

Tgt Ion: 63 Resp: 461925  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.5 10.4  
 100 5.2 2.3 6.8







#25

2-Butanone

Concen: 269.932 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072114.D

Acq: 21 Apr 2022 06:43

Instrument :

MSVOA\_N

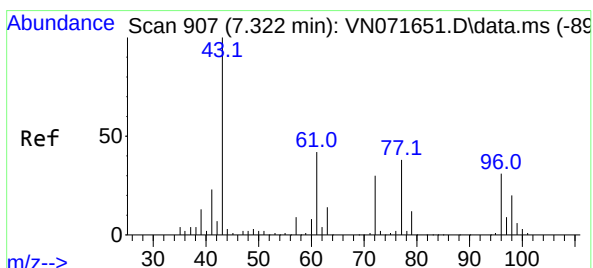
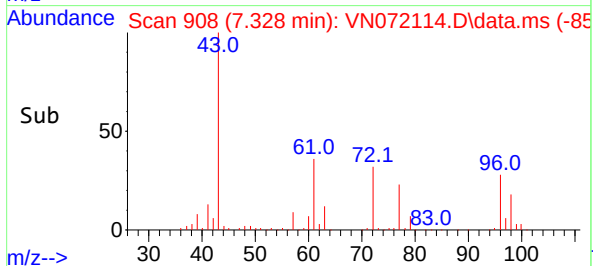
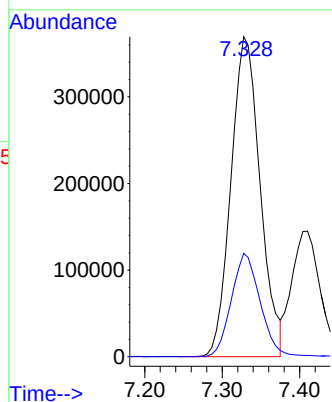
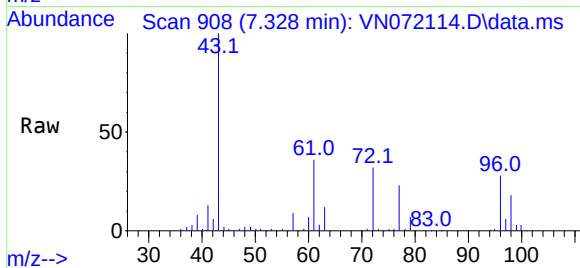
ClientSampleId :

Tgt Ion: 43 Resp: 967932

Ion Ratio Lower Upper

43 100

72 32.3 23.7 35.5



#26

2,2-Dichloropropane

Concen: 34.938 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072114.D

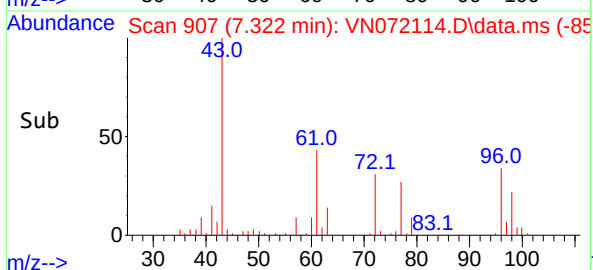
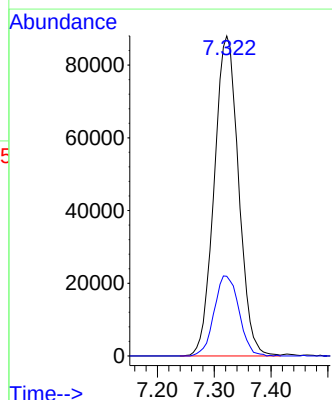
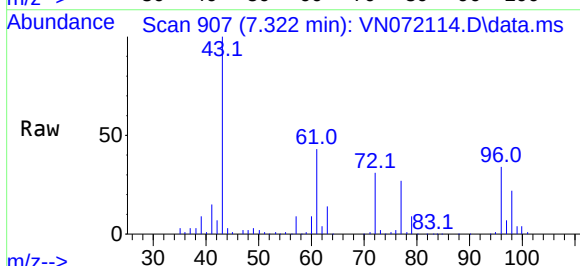
Acq: 21 Apr 2022 06:43

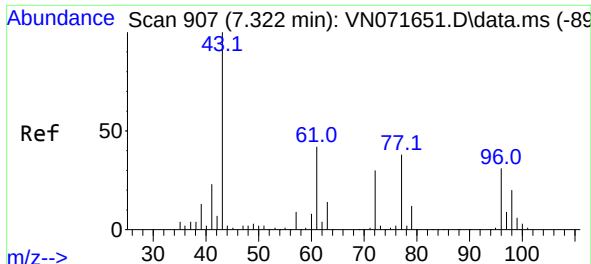
Tgt Ion: 77 Resp: 261991

Ion Ratio Lower Upper

77 100

97 25.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 54.148 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072114.D

Acq: 21 Apr 2022 06:43

Instrument :

MSVOA\_N

ClientSampleId :

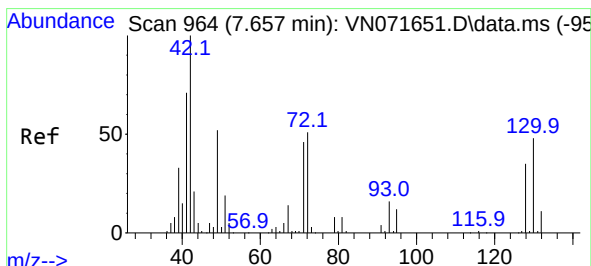
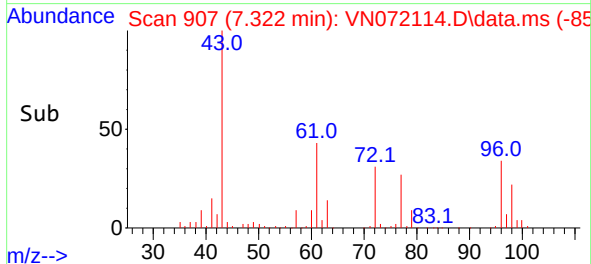
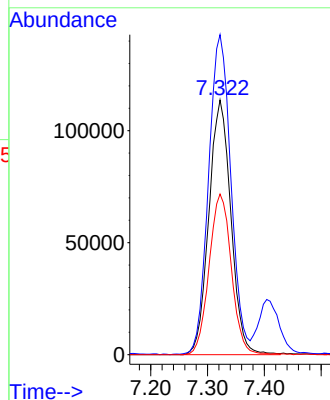
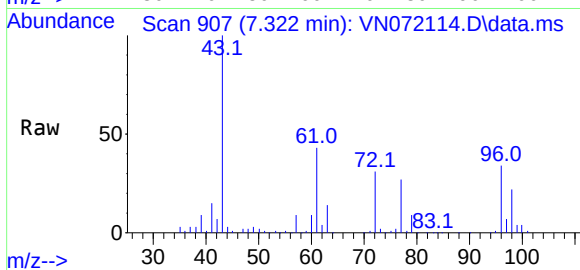
Tgt Ion: 96 Resp: 306738

Ion Ratio Lower Upper

96 100

61 127.1 0.0 280.6

98 63.5 0.0 128.4



#28

Bromochloromethane

Concen: 48.427 ug/l

RT: 7.651 min Scan# 963

Delta R.T. -0.006 min

Lab File: VN072114.D

Acq: 21 Apr 2022 06:43

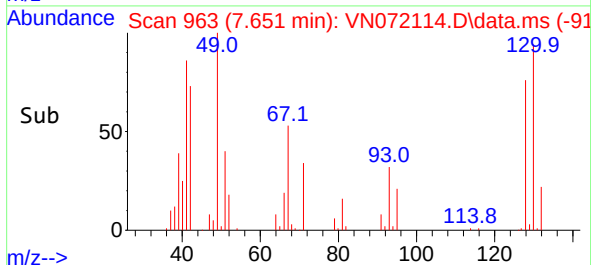
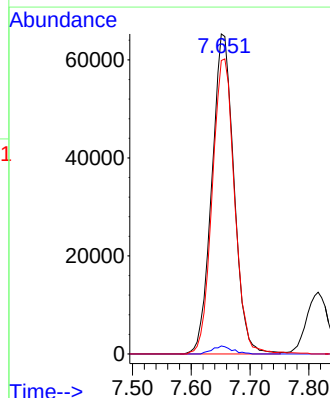
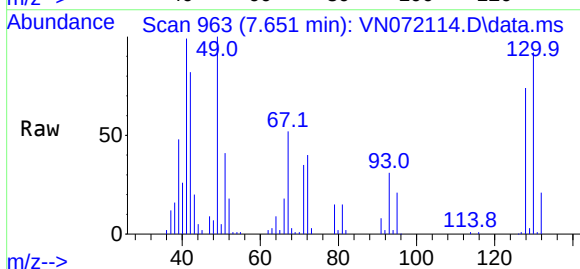
Tgt Ion: 49 Resp: 170521

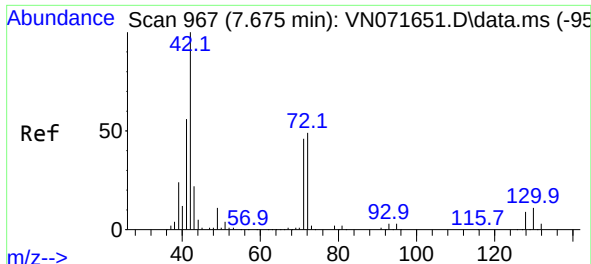
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 92.9 69.7 104.5





#29

Tetrahydrofuran

Concen: 273.073 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN072114.D

Acq: 21 Apr 2022 06:43

Instrument :

MSVOA\_N

ClientSampleId :

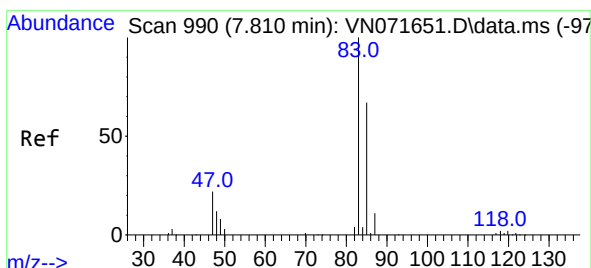
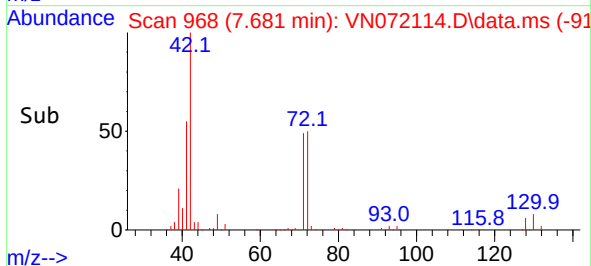
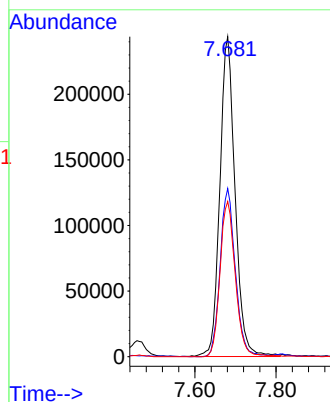
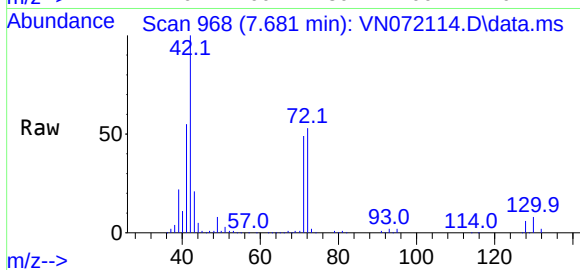
Tgt Ion: 42 Resp: 634042

Ion Ratio Lower Upper

42 100

72 52.5 39.7 59.5

71 48.7 36.6 55.0



#30

Chloroform

Concen: 52.627 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN072114.D

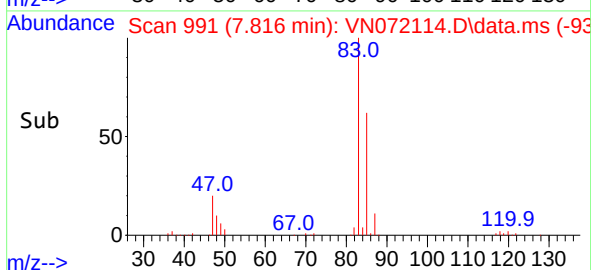
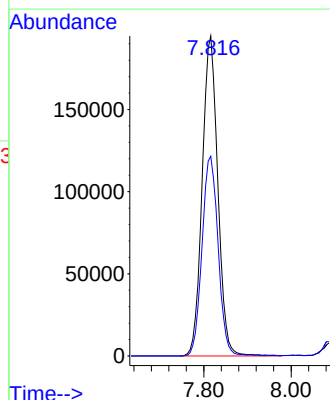
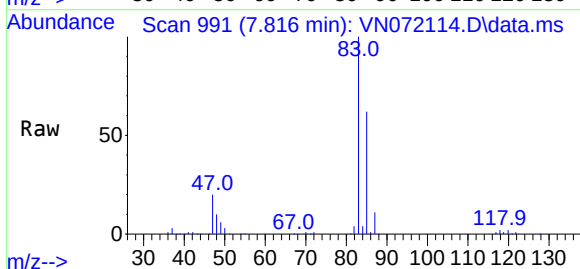
Acq: 21 Apr 2022 06:43

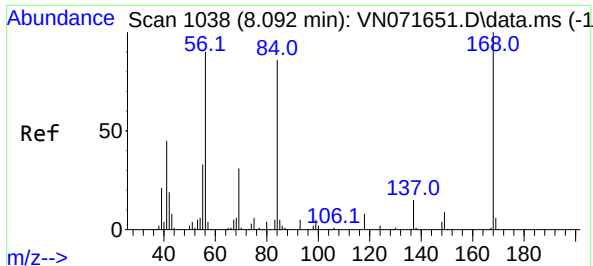
Tgt Ion: 83 Resp: 485062

Ion Ratio Lower Upper

83 100

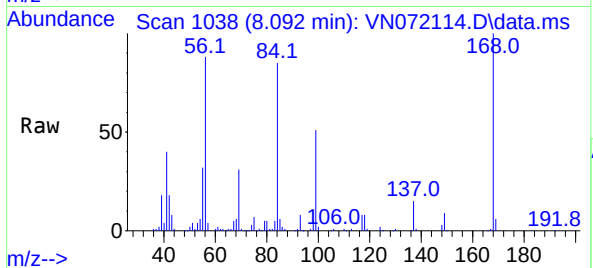
85 62.4 51.8 77.8



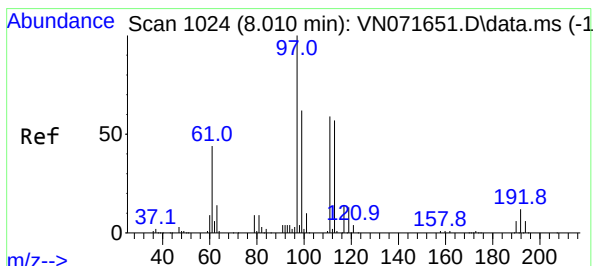
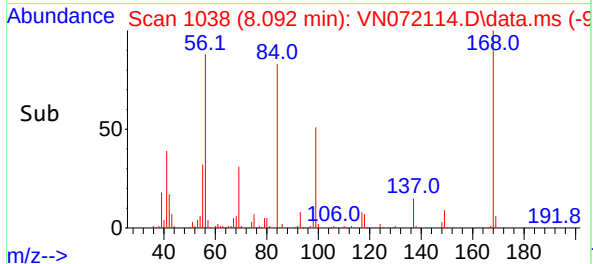
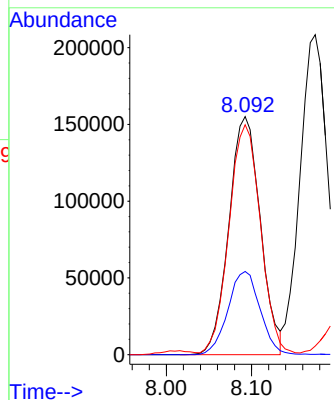


#31  
Cyclohexane  
Concen: 50.333 ug/l  
RT: 8.092 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Instrument :  
MSVOA\_N  
ClientSampleId :

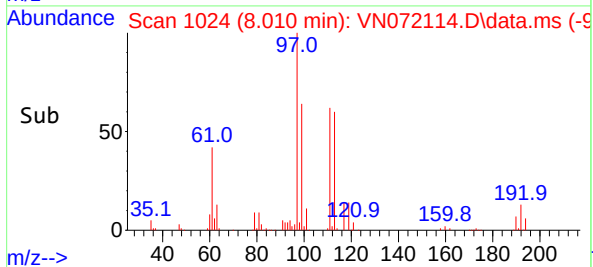
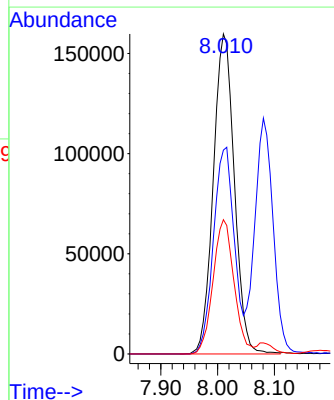
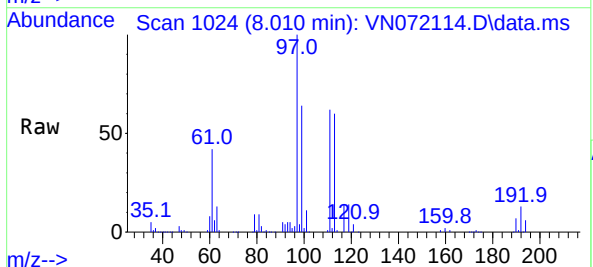


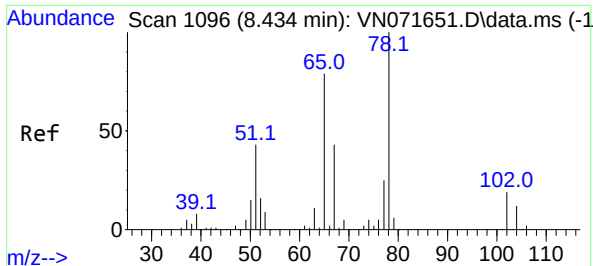
Tgt Ion: 56 Resp: 398394  
Ion Ratio Lower Upper  
56 100  
69 35.0 27.8 41.8  
84 94.9 76.9 115.3



#32  
1,1,1-Trichloroethane  
Concen: 52.194 ug/l  
RT: 8.010 min Scan# 1024  
Delta R.T. 0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion: 97 Resp: 411552  
Ion Ratio Lower Upper  
97 100  
99 63.7 50.6 76.0  
61 41.8 36.0 54.0

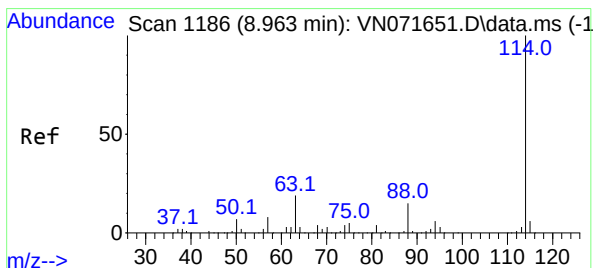
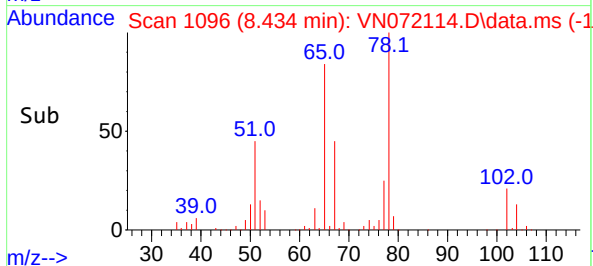
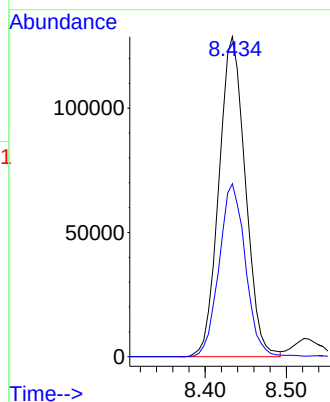
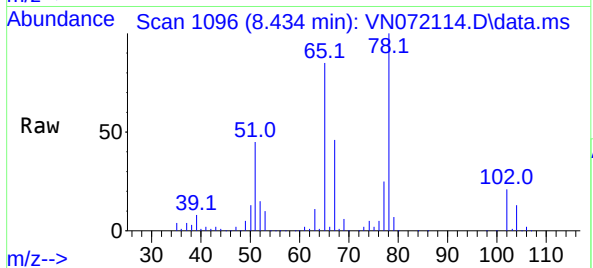




#33  
1,2-Dichloroethane-d4  
Concen: 50.064 ug/l  
RT: 8.434 min Scan# 1096  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

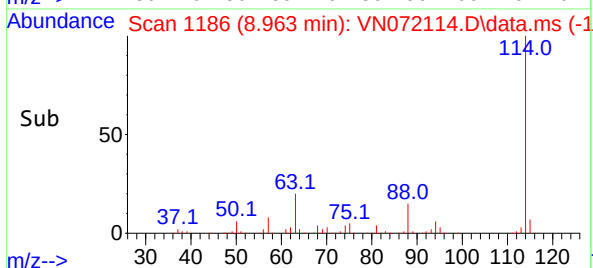
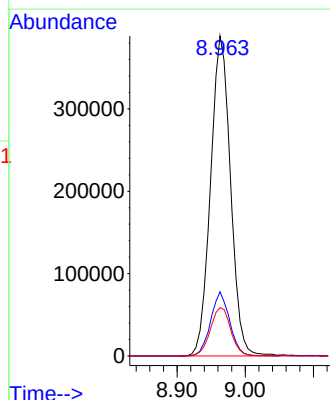
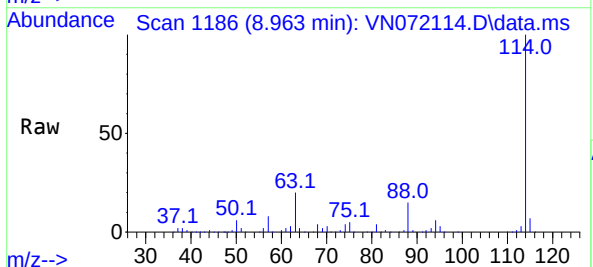
Instrument :  
MSVOA\_N  
ClientSampleId :

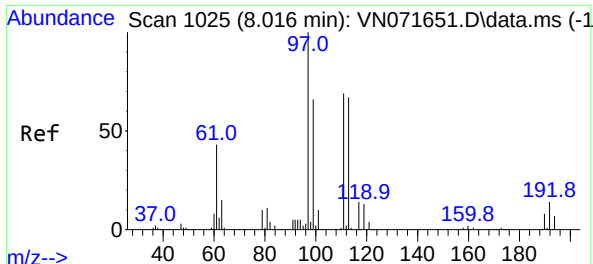
Tgt Ion: 65 Resp: 291385  
Ion Ratio Lower Upper  
65 100  
67 53.8 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

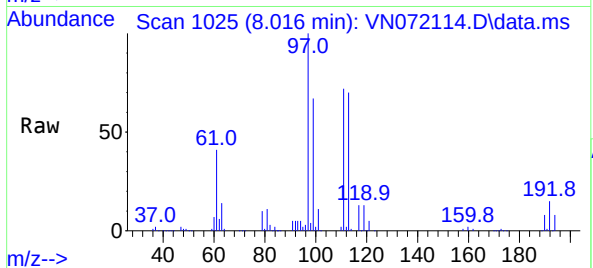
Tgt Ion: 114 Resp: 792617  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 40.0  
88 15.1 0.0 32.6



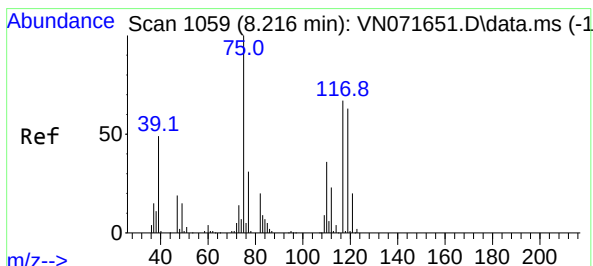
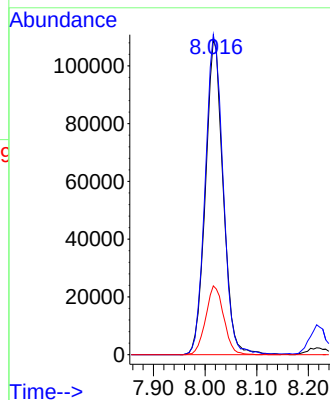
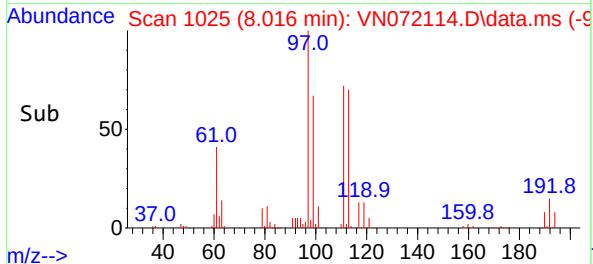


#35  
Dibromofluoromethane  
Concen: 55.519 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

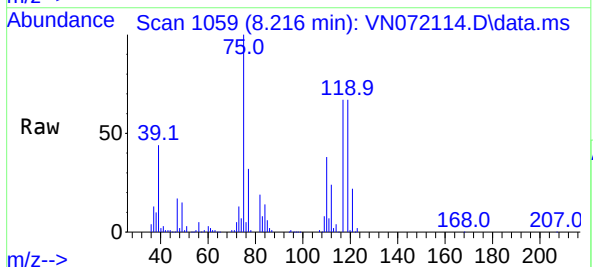
Instrument :  
MSVOA\_N  
ClientSampleId :



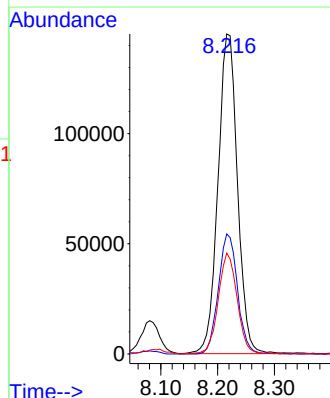
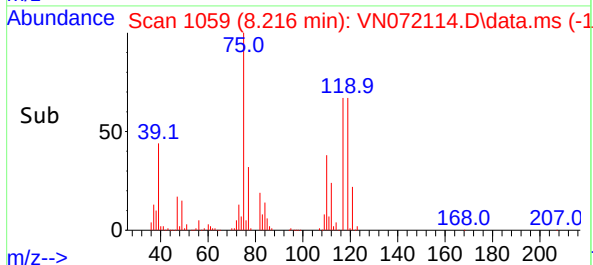
Tgt Ion:113 Resp: 258946  
Ion Ratio Lower Upper  
113 100  
111 102.9 81.4 122.0  
192 22.3 17.0 25.6

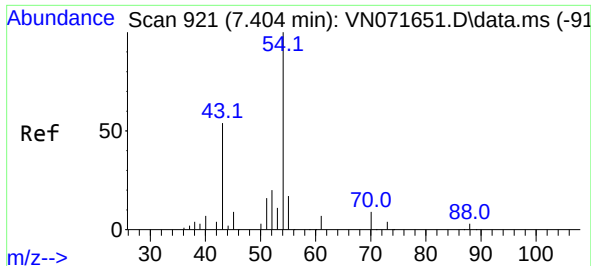


#36  
1,1-Dichloropropene  
Concen: 53.054 ug/l  
RT: 8.216 min Scan# 1059  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43



Tgt Ion: 75 Resp: 345554  
Ion Ratio Lower Upper  
75 100  
110 36.9 18.3 54.8  
77 30.8 25.1 37.7

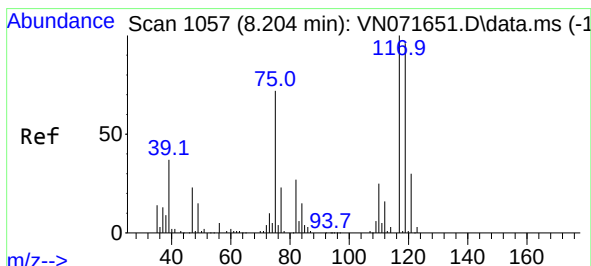
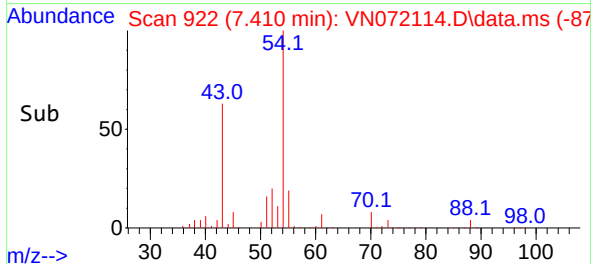
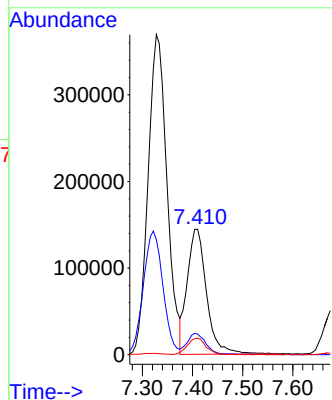
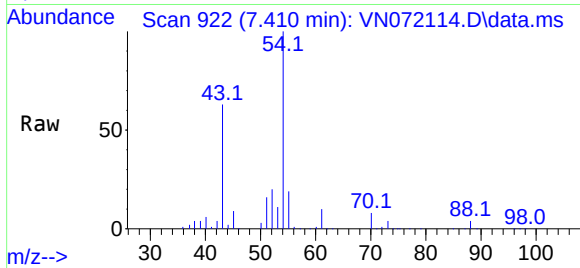




#37  
Ethyl Acetate  
Concen: 54.317 ug/l  
RT: 7.410 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

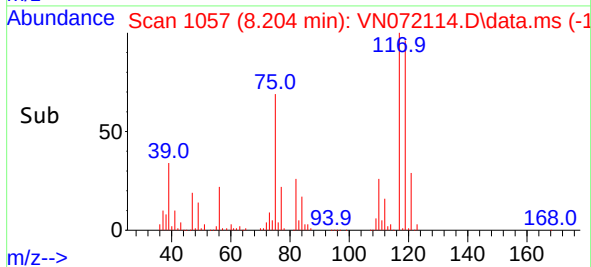
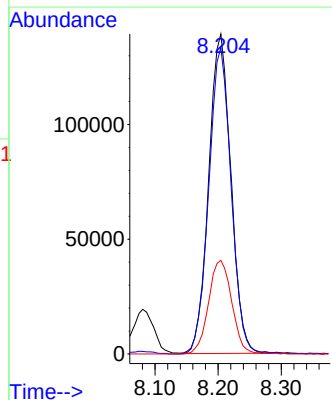
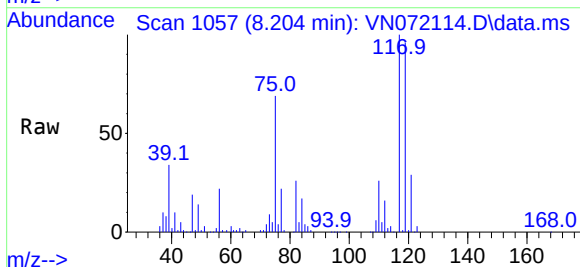
Instrument :  
MSVOA\_N  
ClientSampleId :

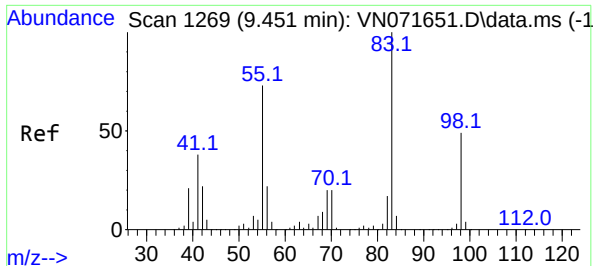
Tgt Ion: 43 Resp: 387224  
Ion Ratio Lower Upper  
43 100  
61 16.1 11.8 17.6  
70 12.8 9.3 13.9



#38  
Carbon Tetrachloride  
Concen: 53.335 ug/l  
RT: 8.204 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion: 117 Resp: 340455  
Ion Ratio Lower Upper  
117 100  
119 96.0 75.8 113.8  
121 29.3 24.6 37.0





#39

Methylcyclohexane

Concen: 53.395 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN072114.D

Acq: 21 Apr 2022 06:43

Instrument :

MSVOA\_N

ClientSampleId :

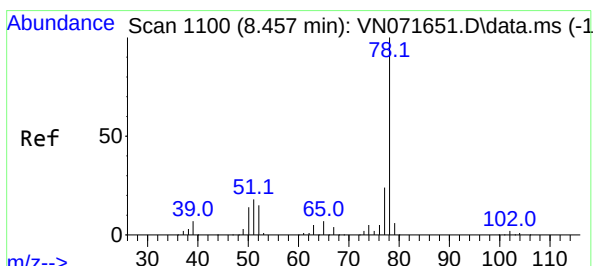
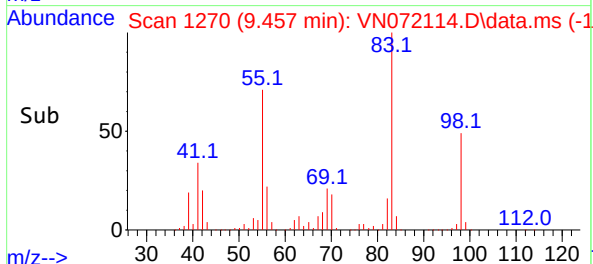
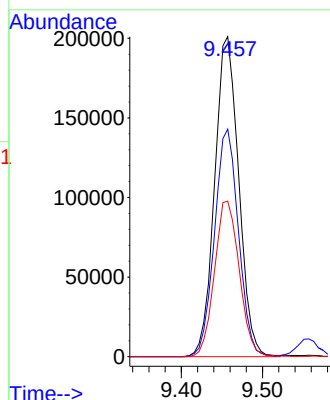
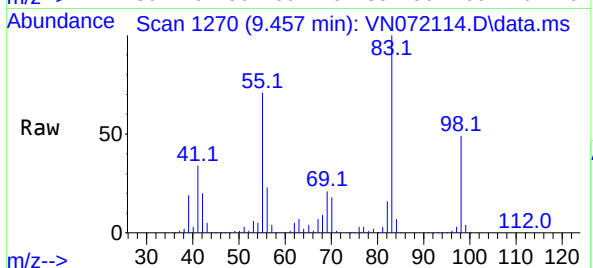
Tgt Ion: 83 Resp: 413979

Ion Ratio Lower Upper

83 100

55 71.1 57.8 86.8

98 48.6 39.4 59.2



#40

Benzene

Concen: 54.695 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN072114.D

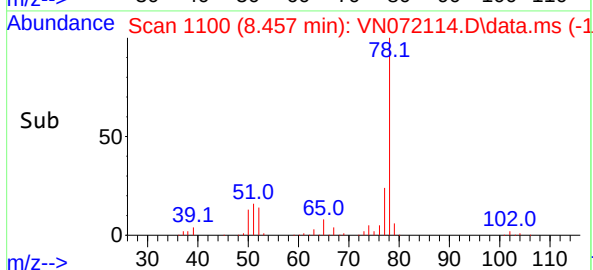
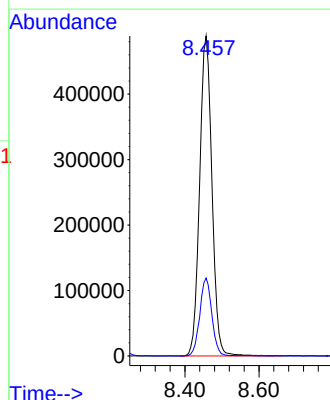
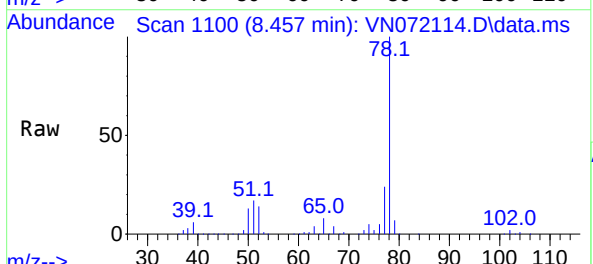
Acq: 21 Apr 2022 06:43

Tgt Ion: 78 Resp: 1125344

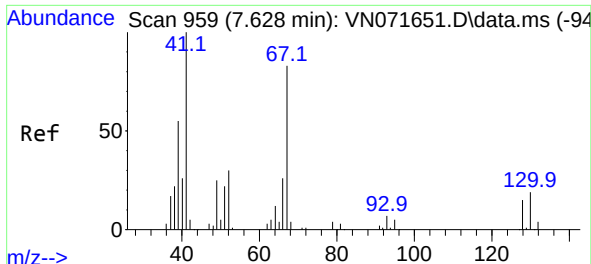
Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0

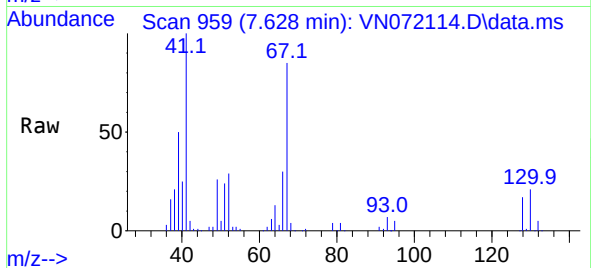




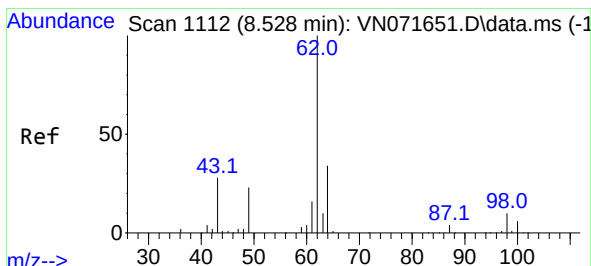
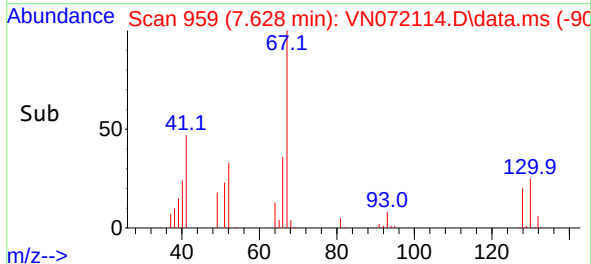
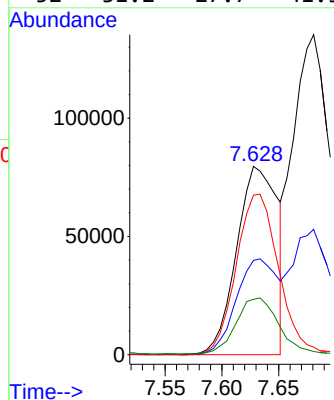


#41  
Methacrylonitrile  
Concen: 57.006 ug/l  
RT: 7.628 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Instrument :  
MSVOA\_N  
ClientSampleId :

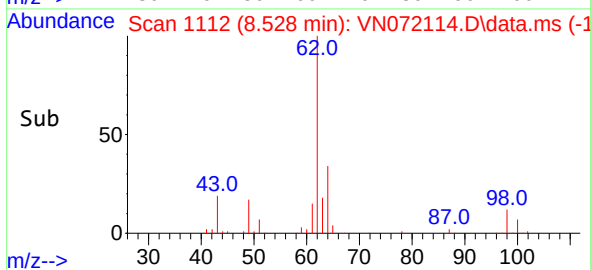
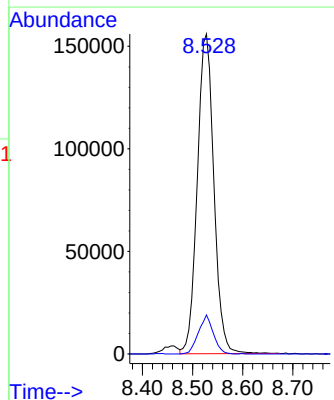
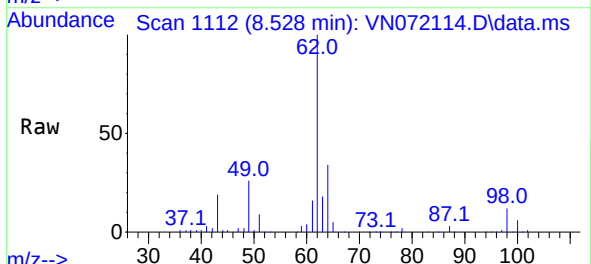


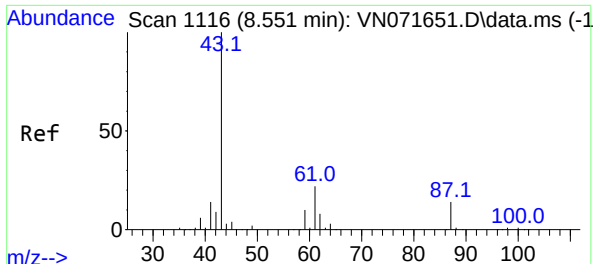
Tgt Ion: 41 Resp: 198987  
Ion Ratio Lower Upper  
41 100  
39 51.3 48.6 73.0  
67 89.8 73.4 110.2  
52 31.2 27.7 41.5



#42  
1,2-Dichloroethane  
Concen: 50.319 ug/l  
RT: 8.528 min Scan# 1112  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion: 62 Resp: 358136  
Ion Ratio Lower Upper  
62 100  
98 10.9 0.0 19.4

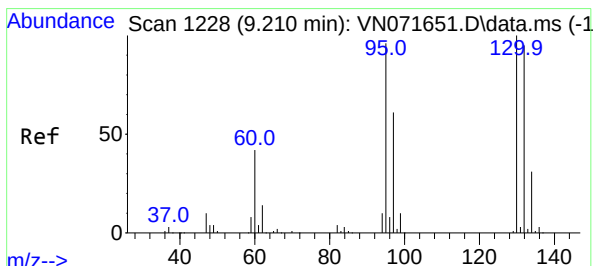
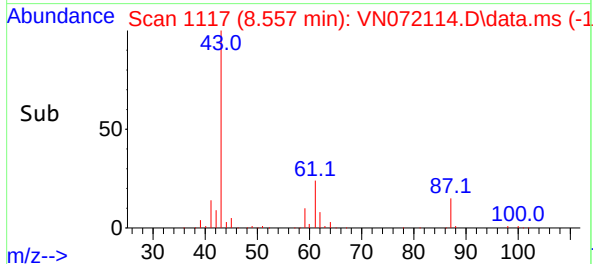
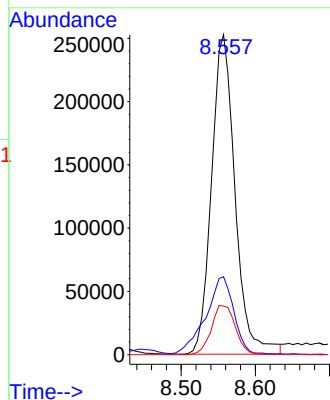
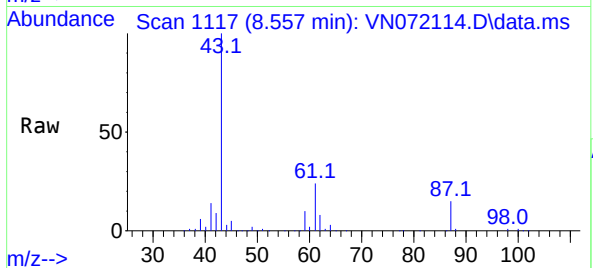




#43  
Isopropyl Acetate  
Concen: 46.978 ug/l  
RT: 8.557 min Scan# 1116  
Delta R.T. 0.006 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

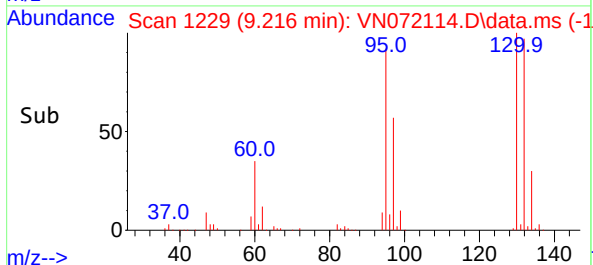
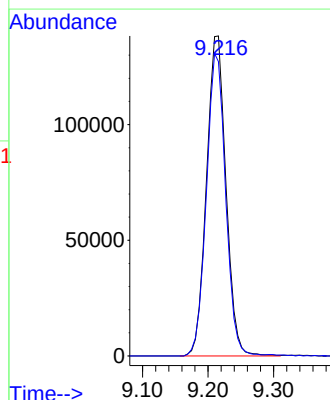
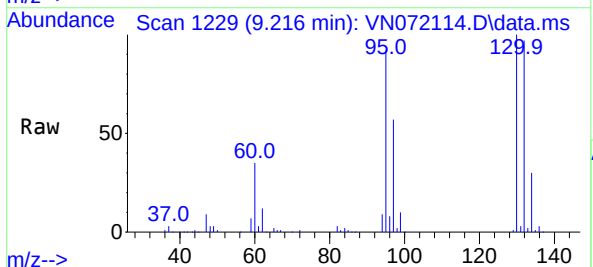
Instrument :  
MSVOA\_N  
ClientSampleId :

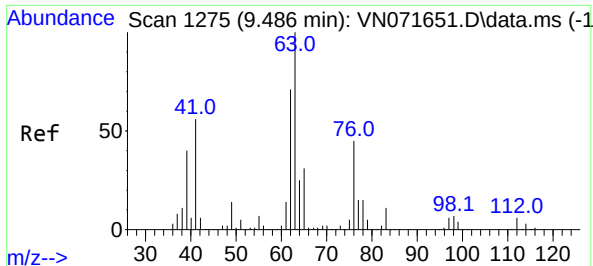
Tgt Ion: 43 Resp: 557049  
Ion Ratio Lower Upper  
43 100  
61 28.9 21.9 32.9  
87 15.9 12.0 18.0



#44  
Trichloroethene  
Concen: 53.874 ug/l  
RT: 9.216 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion:130 Resp: 285574  
Ion Ratio Lower Upper  
130 100  
95 92.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 54.085 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072114.D

Acq: 21 Apr 2022 06:43

Instrument :

MSVOA\_N

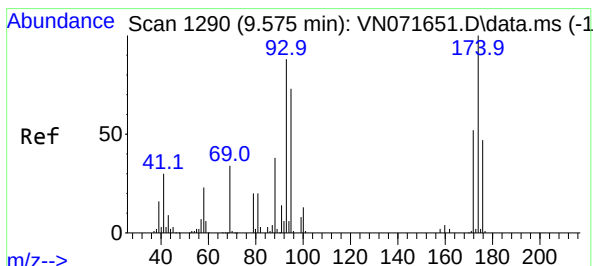
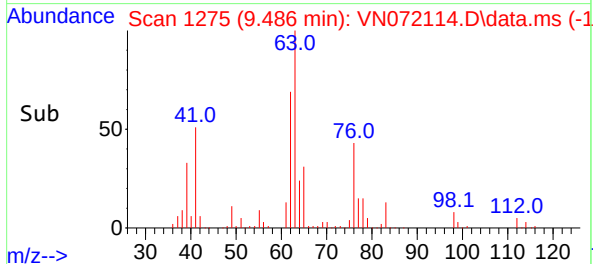
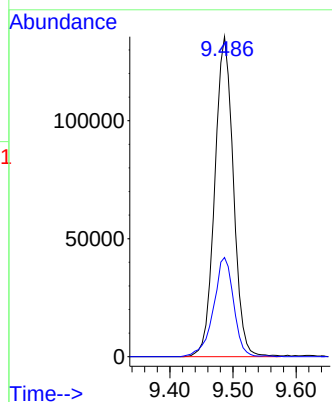
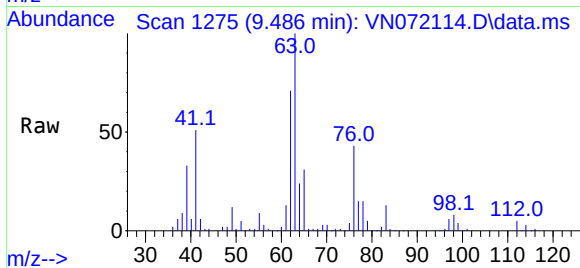
ClientSampleId :

Tgt Ion: 63 Resp: 277999

Ion Ratio Lower Upper

63 100

65 31.0 24.9 37.3



#46

Dibromomethane

Concen: 53.890 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072114.D

Acq: 21 Apr 2022 06:43

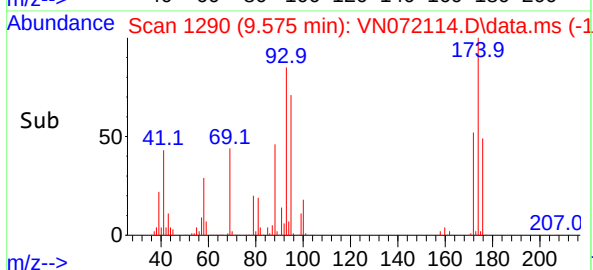
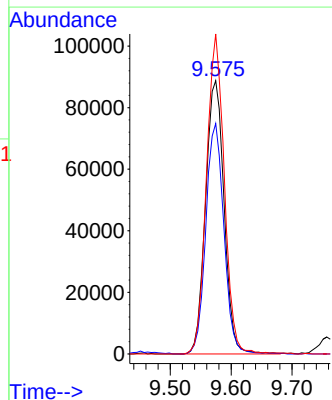
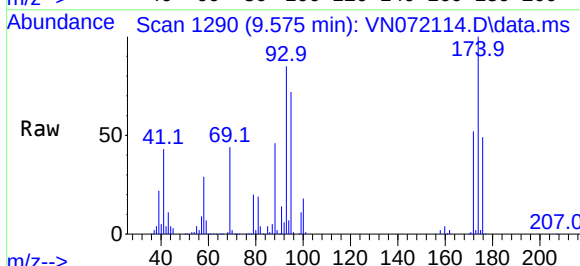
Tgt Ion: 93 Resp: 188069

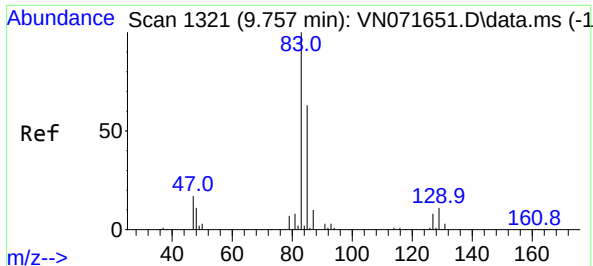
Ion Ratio Lower Upper

93 100

95 82.4 66.9 100.3

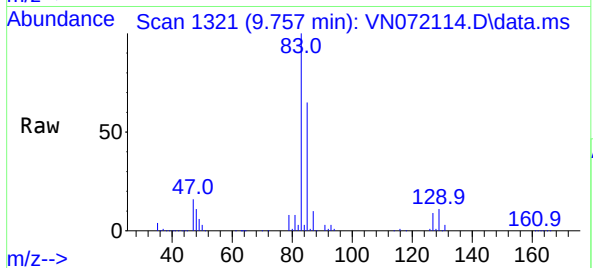
174 112.5 86.6 130.0



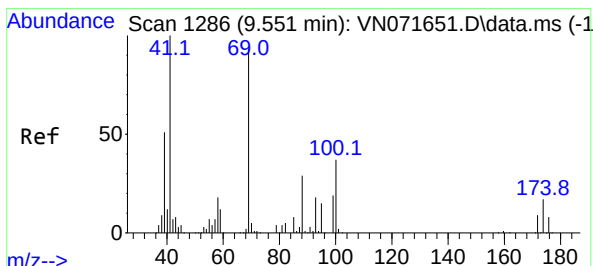
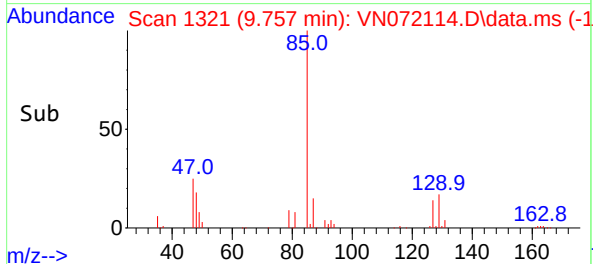
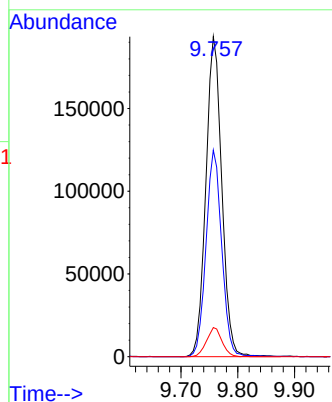


#47  
Bromodichloromethane  
Concen: 54.627 ug/l  
RT: 9.757 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Instrument :  
MSVOA\_N  
ClientSampleId :

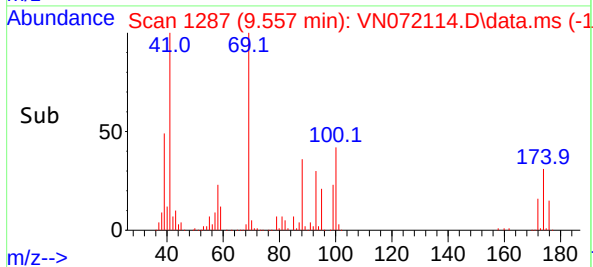
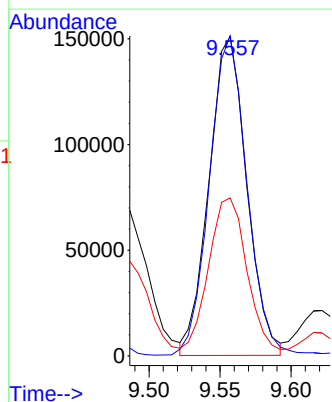
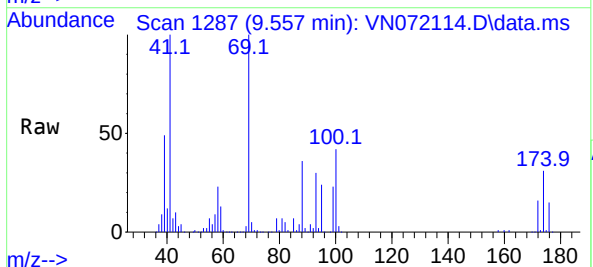


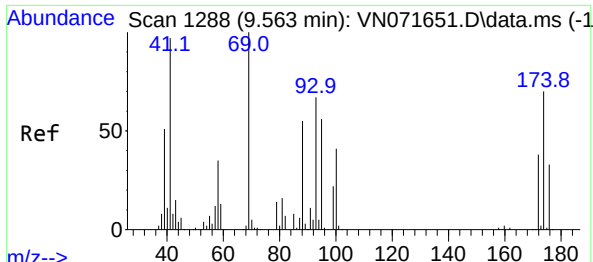
Tgt Ion: 83 Resp: 375271  
Ion Ratio Lower Upper  
83 100  
85 64.6 50.5 75.7  
127 9.1 6.8 10.2



#48  
Methyl methacrylate  
Concen: 56.539 ug/l  
RT: 9.557 min Scan# 1287  
Delta R.T. 0.006 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion: 41 Resp: 278146  
Ion Ratio Lower Upper  
41 100  
69 100.4 74.7 112.1  
39 51.5 45.6 68.4

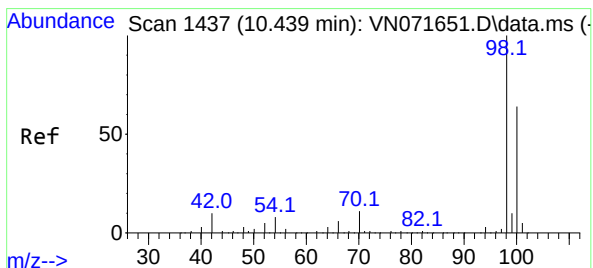
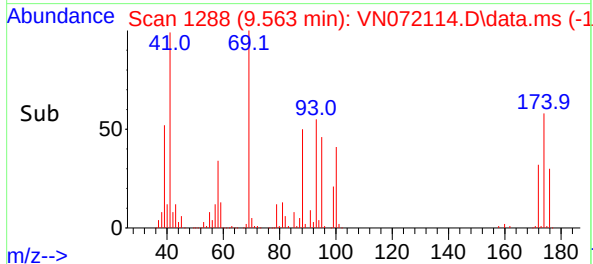
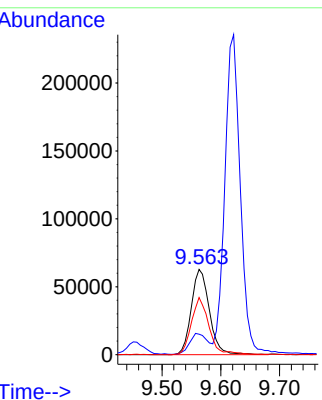
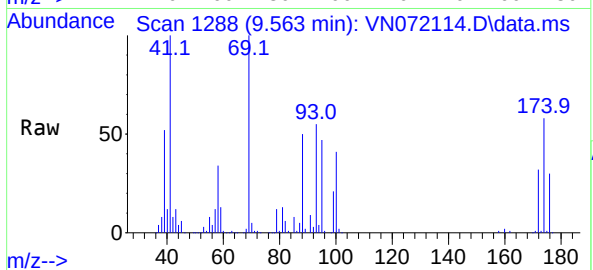




#49  
1,4-Dioxane  
Concen: 1152.402 ug/l  
RT: 9.563 min Scan# 1288  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

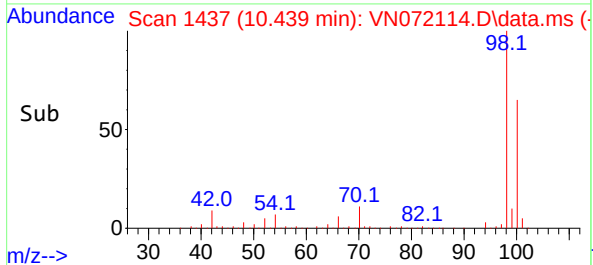
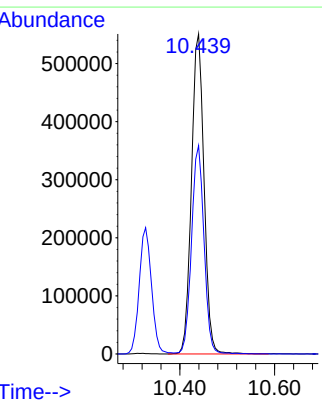
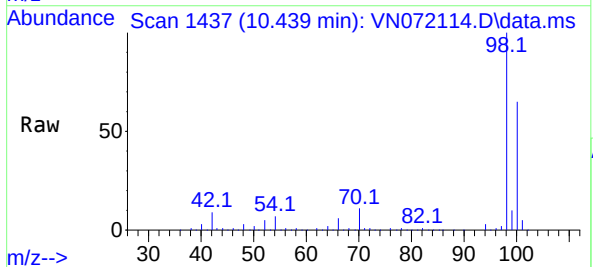
Instrument :  
MSVOA\_N  
ClientSampleId :

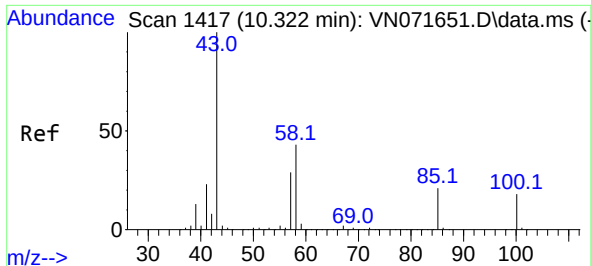
Tgt Ion: 88 Resp: 134251  
Ion Ratio Lower Upper  
88 100  
43 25.1 20.2 30.4  
58 65.5 54.2 81.4



#50  
Toluene-d8  
Concen: 53.291 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion: 98 Resp: 1016784  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 288.418 ug/l

RT: 10.328 min Scan# 1417

Delta R.T. 0.006 min

Lab File: VN072114.D

Acq: 21 Apr 2022 06:43

Instrument :

MSVOA\_N

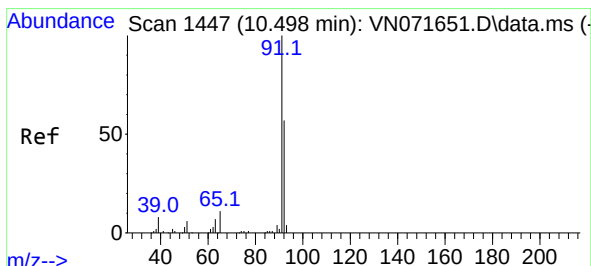
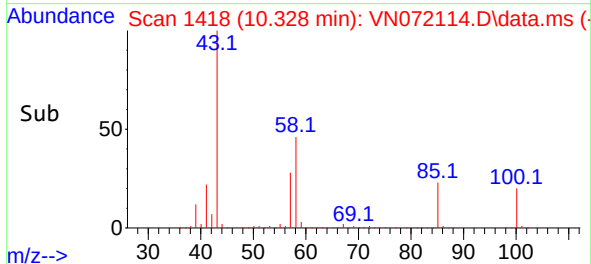
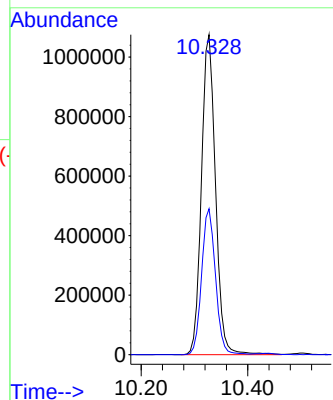
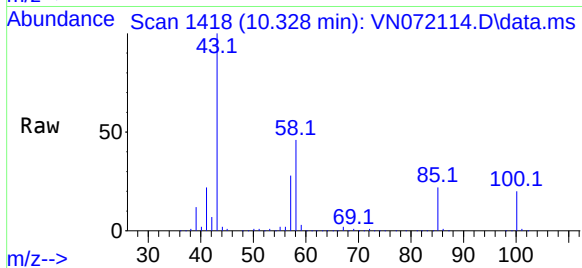
ClientSampleId :

Tgt Ion: 43 Resp: 1966283

Ion Ratio Lower Upper

43 100

58 45.1 34.1 51.1



#52

Toluene

Concen: 56.759 ug/l

RT: 10.504 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN072114.D

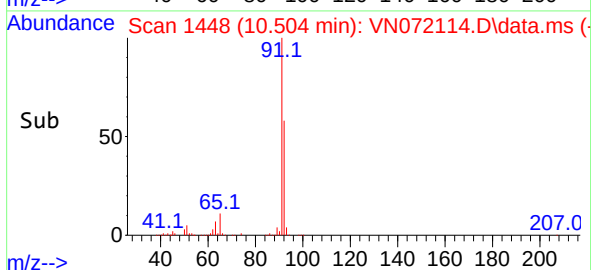
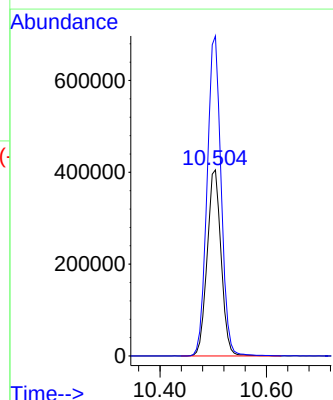
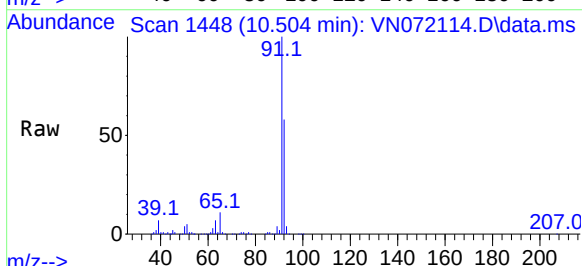
Acq: 21 Apr 2022 06:43

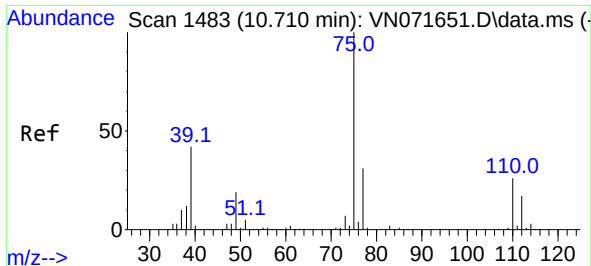
Tgt Ion: 92 Resp: 738209

Ion Ratio Lower Upper

92 100

91 172.7 138.6 207.8

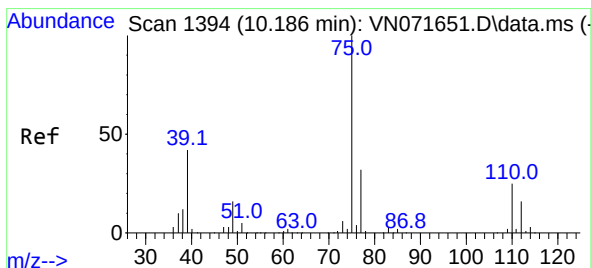
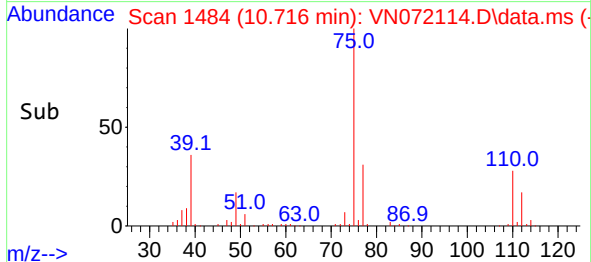
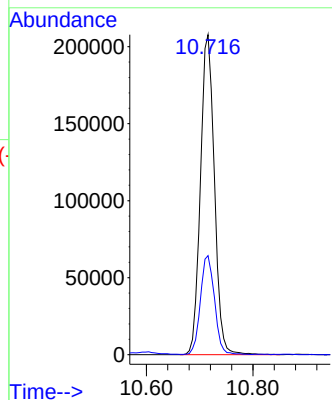
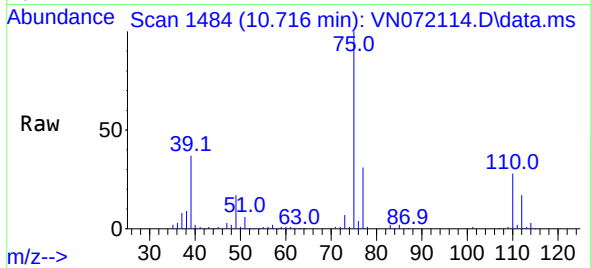




#53  
t-1,3-Dichloropropene  
Concen: 52.510 ug/l  
RT: 10.716 min Scan# 1484  
Delta R.T. 0.006 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

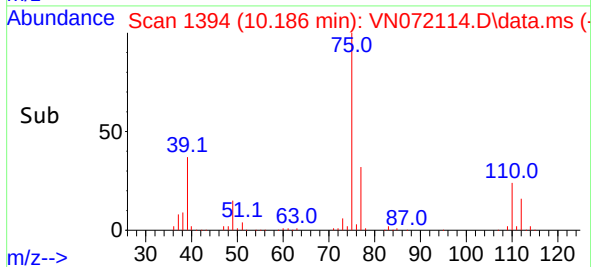
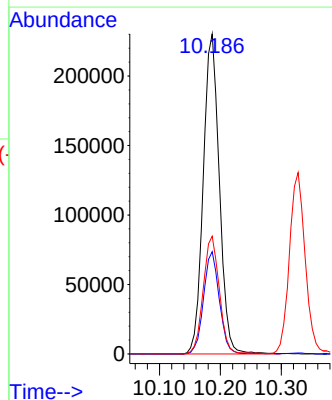
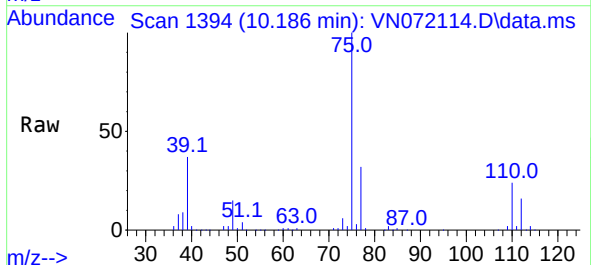
Instrument :  
MSVOA\_N  
ClientSampleId :

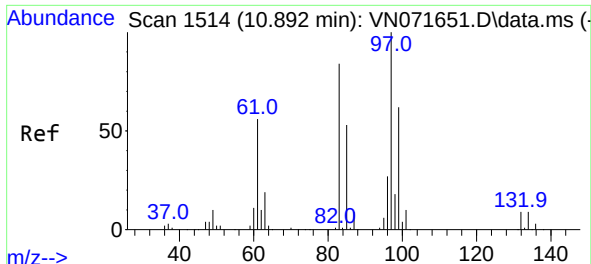
Tgt Ion: 75 Resp: 378065  
Ion Ratio Lower Upper  
75 100  
77 30.9 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 53.118 ug/l  
RT: 10.186 min Scan# 1394  
Delta R.T. 0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

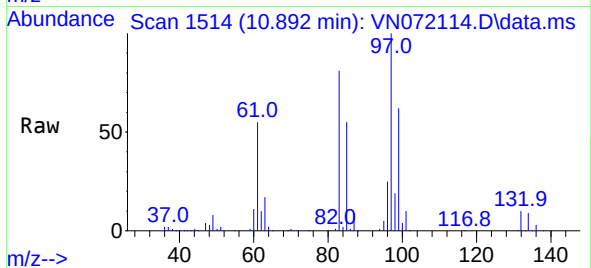
Tgt Ion: 75 Resp: 422570  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.2 37.8  
39 36.8 35.7 53.5





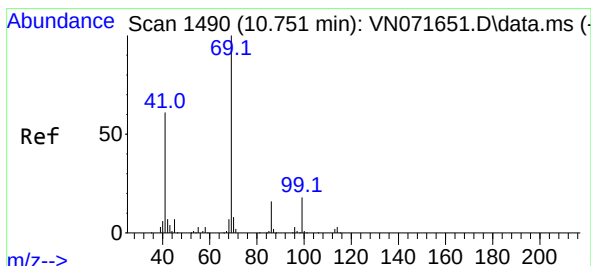
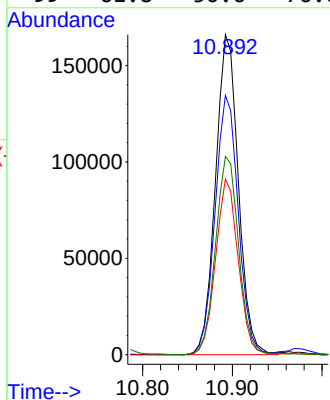
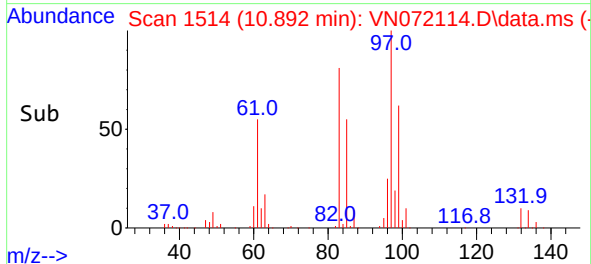
#55  
1,1,2-Trichloroethane  
Concen: 54.900 ug/l  
RT: 10.892 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Instrument :  
MSVOA\_N  
ClientSampleId :

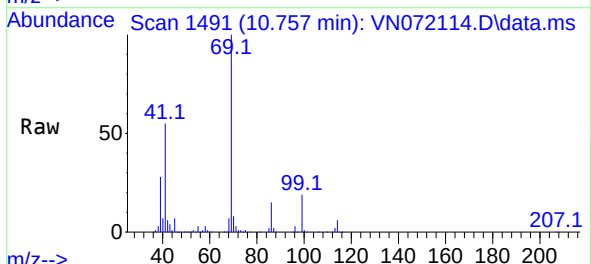


Tgt Ion: 97 Resp: 293866

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 81.1  | 66.2  | 99.4  |
| 85  | 54.9  | 43.9  | 65.9  |
| 99  | 61.8  | 50.6  | 76.0  |

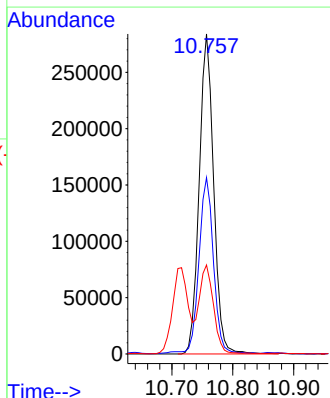
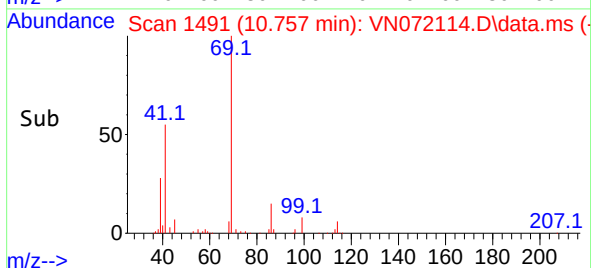


#56  
Ethyl methacrylate  
Concen: 61.164 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. 0.006 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

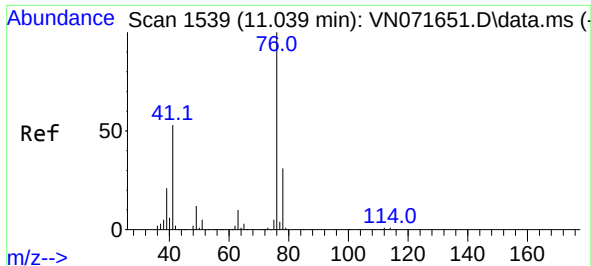


Tgt Ion: 69 Resp: 467053

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 55.7  | 47.8  | 71.6  |
| 39  | 28.0  | 27.3  | 40.9  |







#57

1,3-Dichloropropane

Concen: 54.526 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072114.D

Acq: 21 Apr 2022 06:43

Instrument :

MSVOA\_N

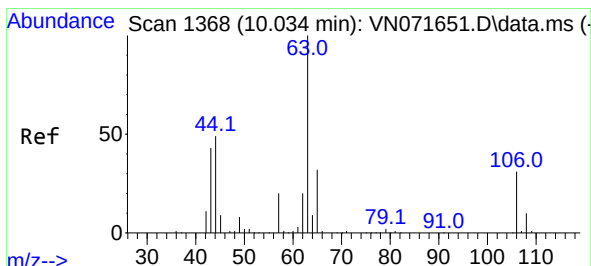
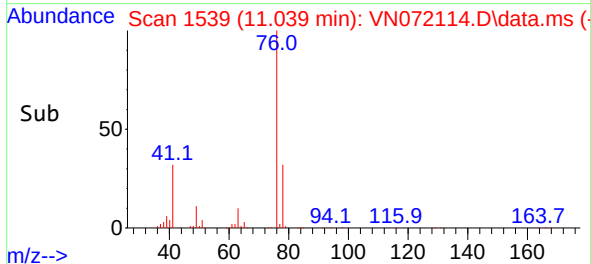
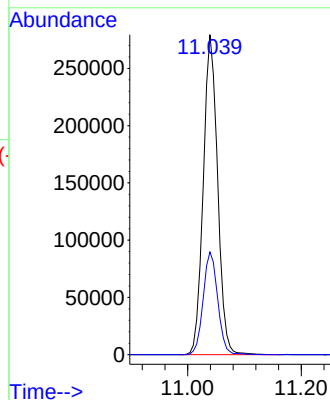
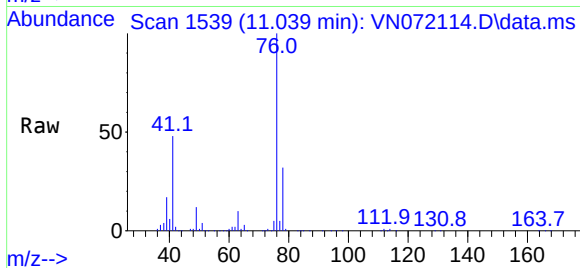
ClientSampleId :

Tgt Ion: 76 Resp: 487988

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 17.068 ug/l

RT: 10.063 min Scan# 1373

Delta R.T. 0.029 min

Lab File: VN072114.D

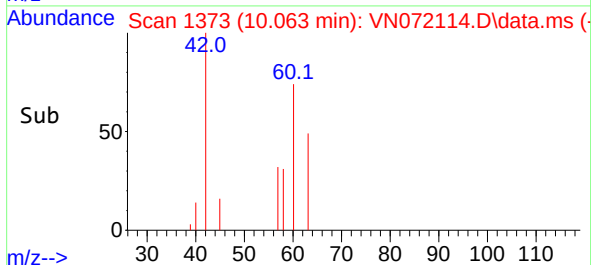
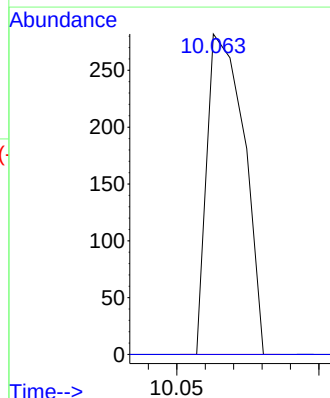
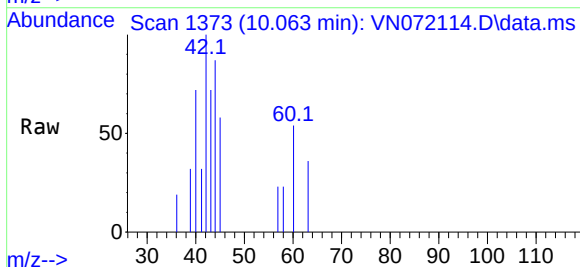
Acq: 21 Apr 2022 06:43

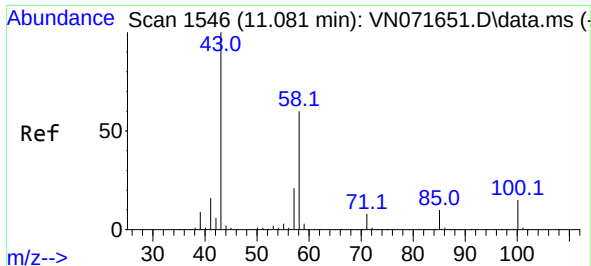
Tgt Ion: 63 Resp: 255

Ion Ratio Lower Upper

63 100

106 0.0 24.6 36.8#

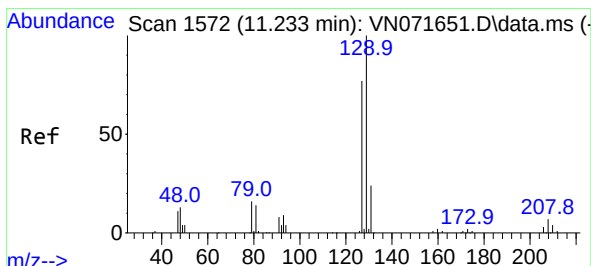
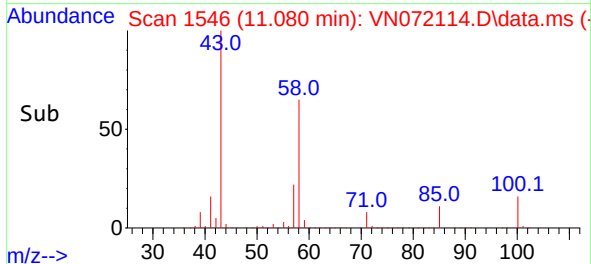
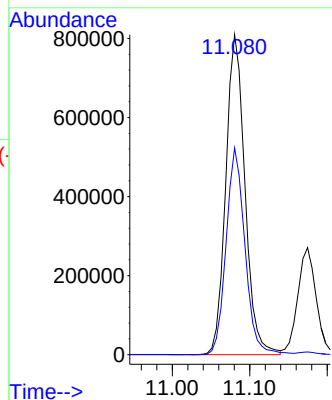
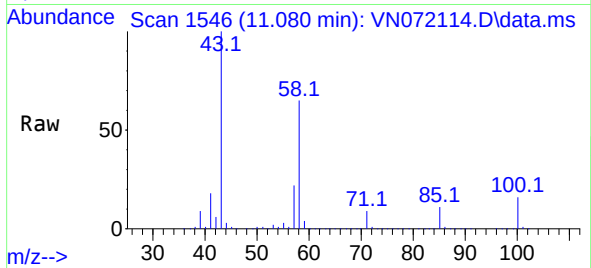




#59  
2-Hexanone  
Concen: 290.391 ug/l  
RT: 11.080 min Scan# 1546  
Delta R.T. -0.001 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

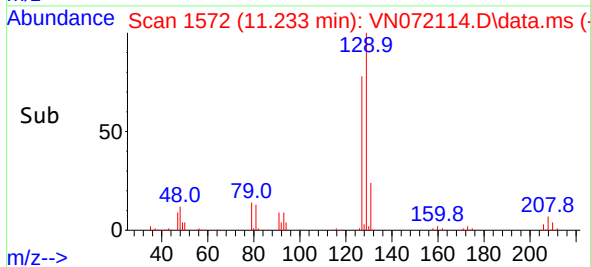
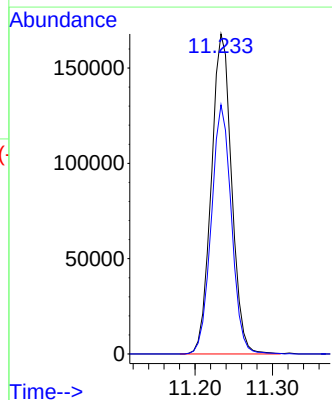
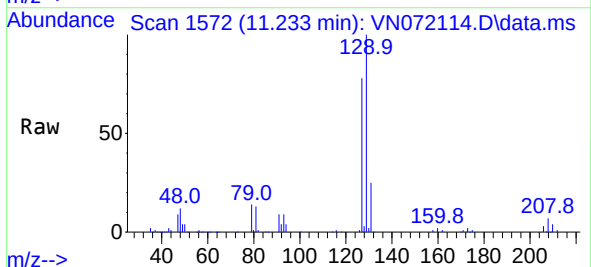
Instrument :  
MSVOA\_N  
ClientSampleId :

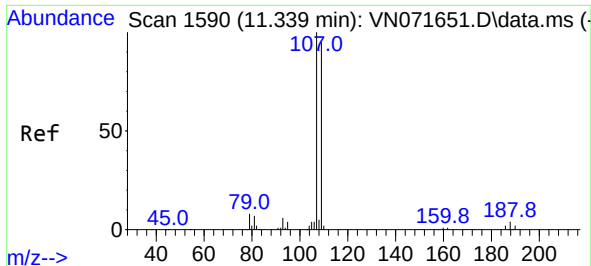
Tgt Ion: 43 Resp: 1393834  
Ion Ratio Lower Upper  
43 100  
58 63.6 29.7 89.1



#60  
Dibromochloromethane  
Concen: 58.546 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion:129 Resp: 305567  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.8 116.4

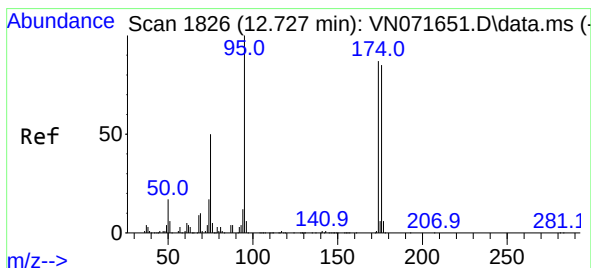
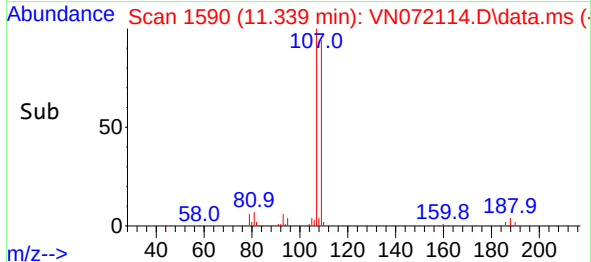
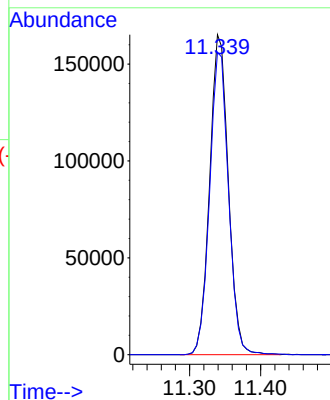
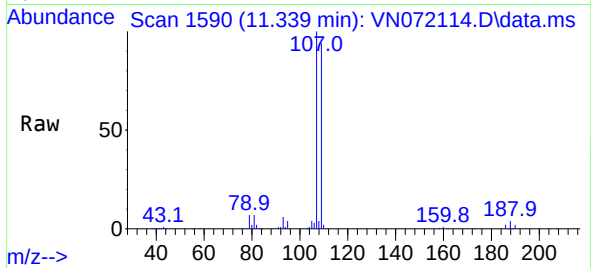




#61  
1,2-Dibromoethane  
Concen: 57.288 ug/l  
RT: 11.339 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

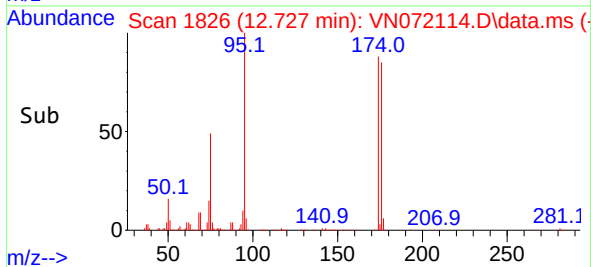
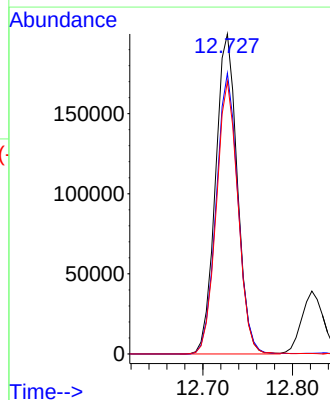
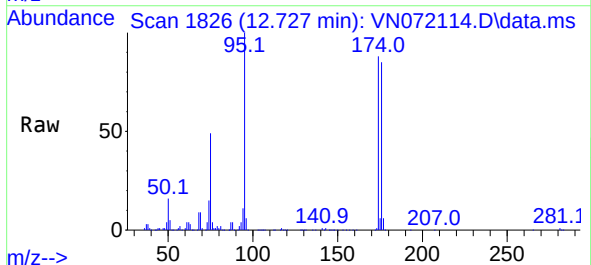
Instrument :  
MSVOA\_N  
ClientSampleId :

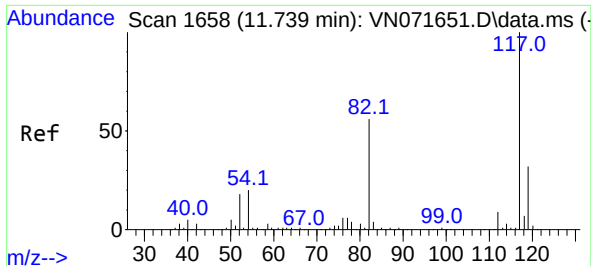
Tgt Ion:107 Resp: 301853  
Ion Ratio Lower Upper  
107 100  
109 95.4 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 54.555 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion: 95 Resp: 336639  
Ion Ratio Lower Upper  
95 100  
174 87.4 0.0 167.6  
176 84.5 0.0 163.4

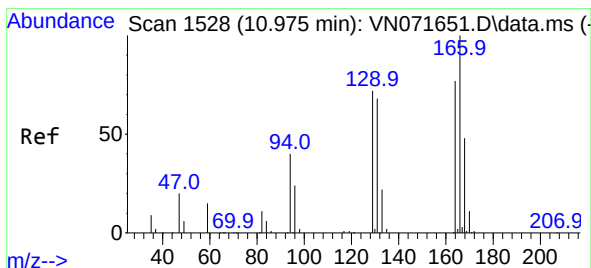
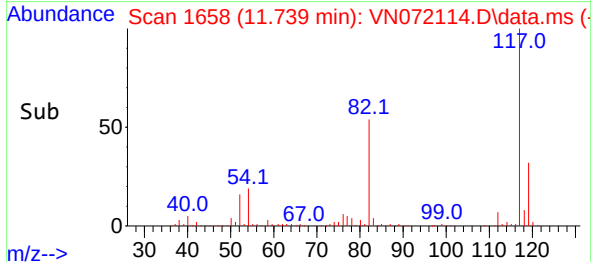
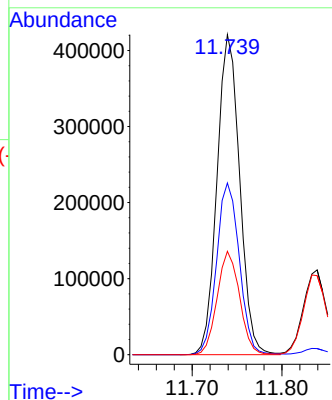
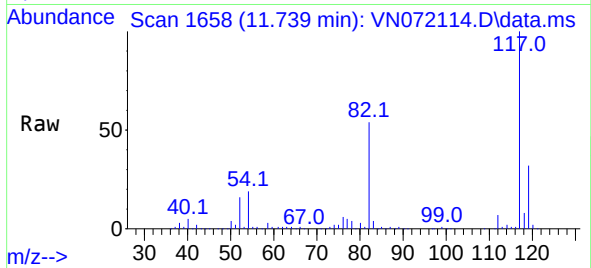




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

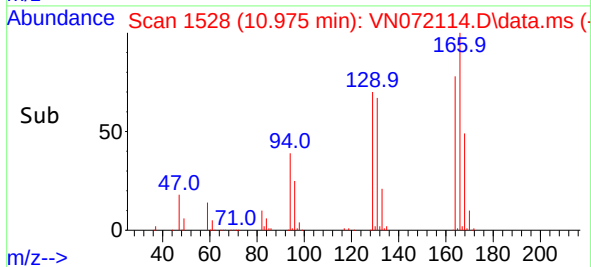
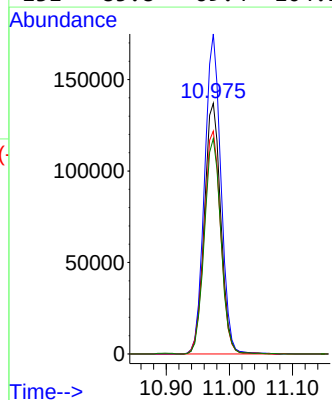
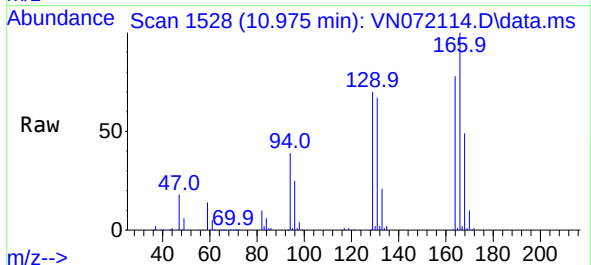
Instrument :  
MSVOA\_N  
ClientSampleId :

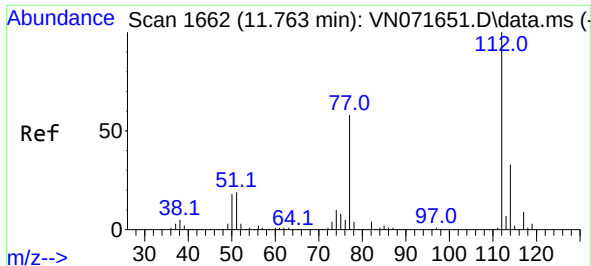
Tgt Ion:117 Resp: 738262  
Ion Ratio Lower Upper  
117 100  
82 53.6 44.2 66.2  
119 32.3 25.4 38.0



#64  
Tetrachloroethene  
Concen: 50.865 ug/l  
RT: 10.975 min Scan# 1528  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

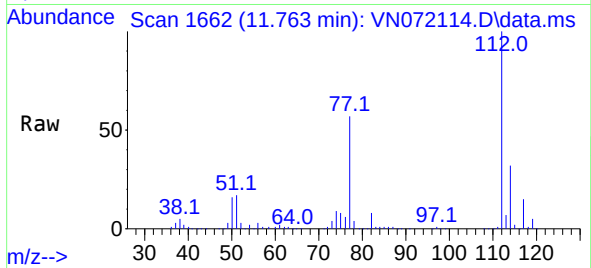
Tgt Ion:164 Resp: 247968  
Ion Ratio Lower Upper  
164 100  
166 127.6 104.2 156.2  
129 88.8 73.9 110.9  
131 85.8 69.4 104.2



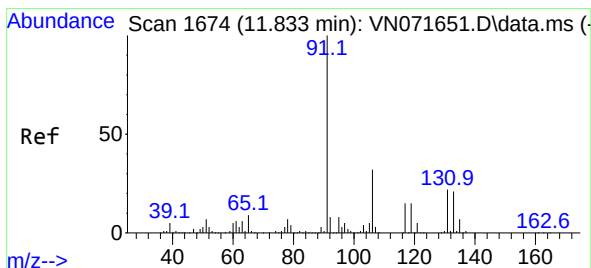
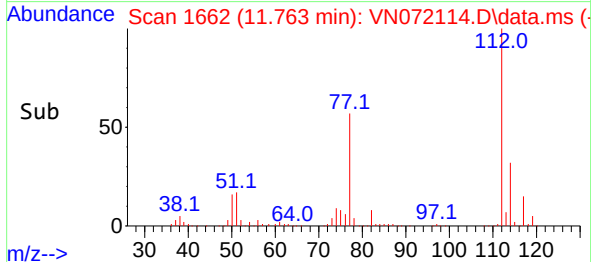
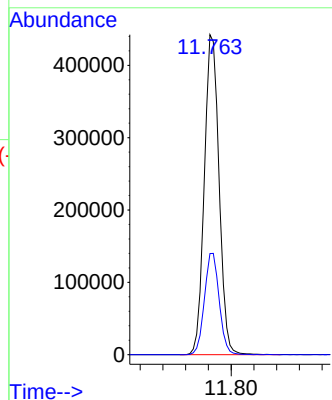


#65  
Chlorobenzene  
Concen: 53.759 ug/l  
RT: 11.763 min Scan# 1662  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Instrument :  
MSVOA\_N  
ClientSampleId :

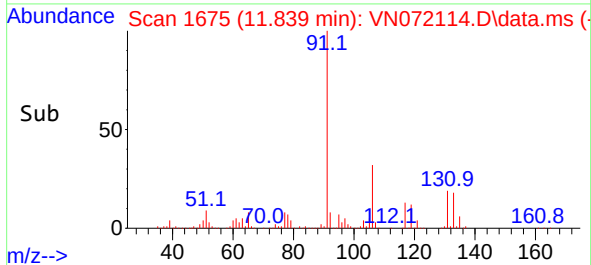
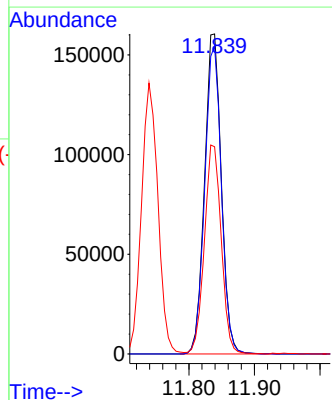
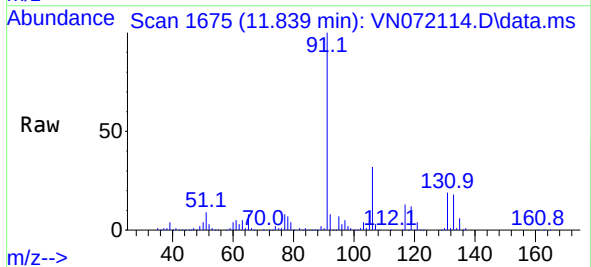


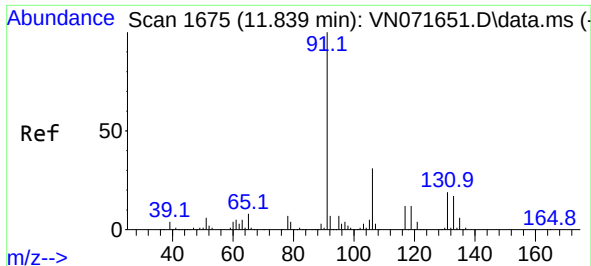
Tgt Ion:112 Resp: 794711  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.605 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.006 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion:131 Resp: 285941  
Ion Ratio Lower Upper  
131 100  
133 95.5 47.8 143.4  
119 65.6 33.4 100.2

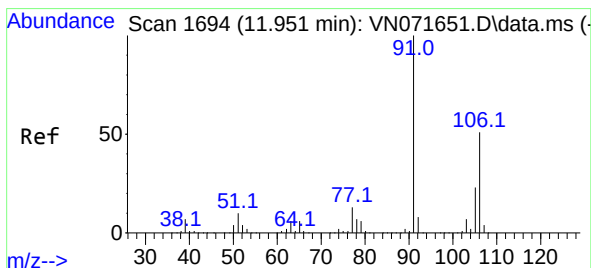
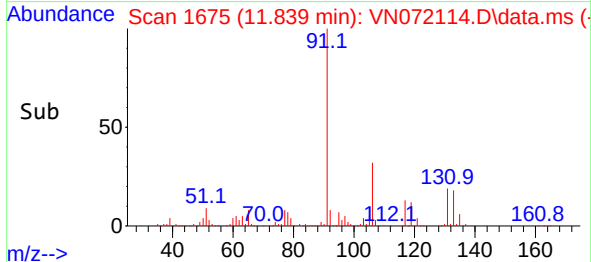
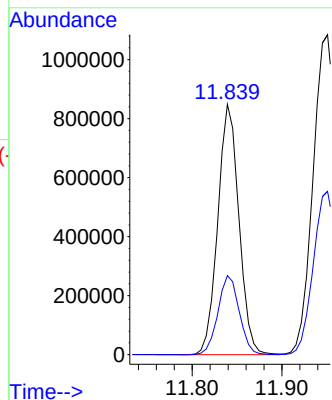
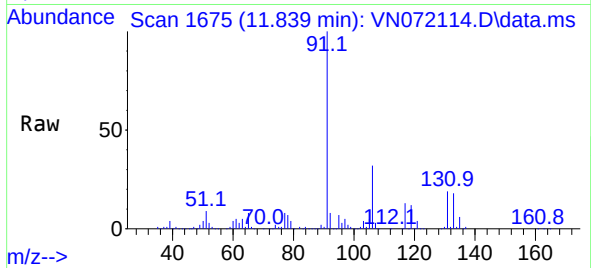




#67  
Ethyl Benzene  
Concen: 55.373 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

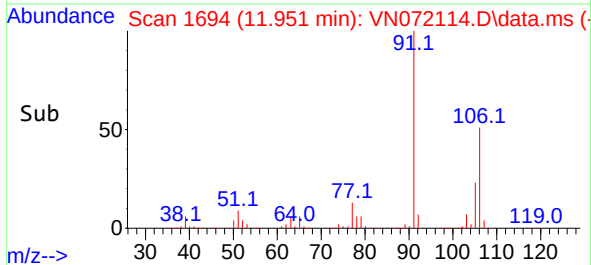
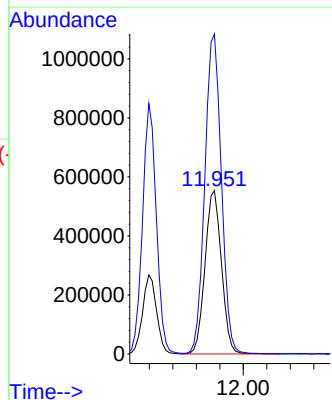
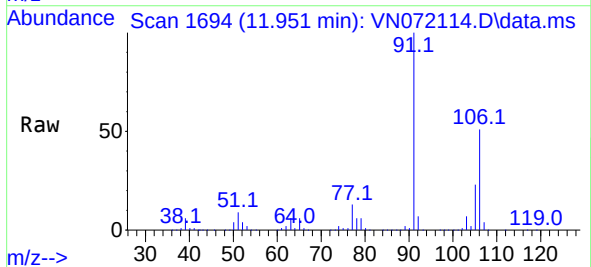
Instrument :  
MSVOA\_N  
ClientSampleId :

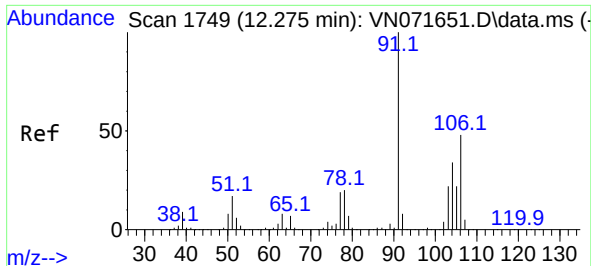
Tgt Ion: 91 Resp: 1385714  
Ion Ratio Lower Upper  
91 100  
106 31.6 24.9 37.3



#68  
m/p-Xylenes  
Concen: 111.805 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion:106 Resp: 1075030  
Ion Ratio Lower Upper  
106 100  
91 197.3 158.9 238.3





#69

o-Xylene

Concen: 56.851 ug/l

RT: 12.274 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN072114.D

Acq: 21 Apr 2022 06:43

Instrument :

MSVOA\_N

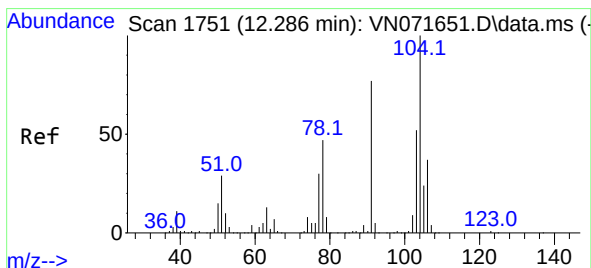
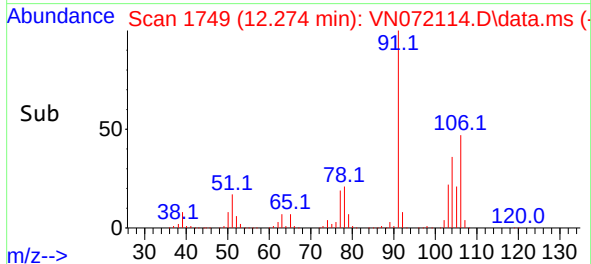
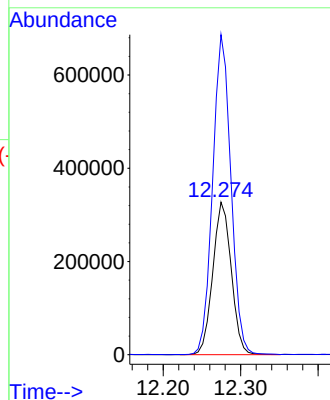
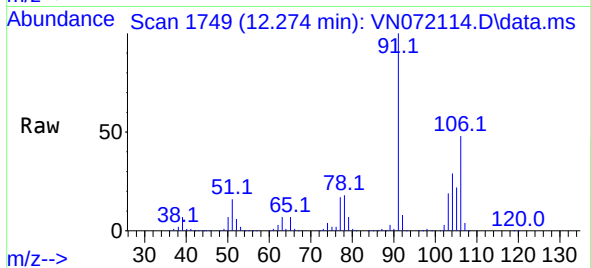
ClientSampleId :

Tgt Ion:106 Resp: 542569

Ion Ratio Lower Upper

106 100

91 207.8 106.0 318.0



#70

Styrene

Concen: 59.037 ug/l

RT: 12.292 min Scan# 1752

Delta R.T. 0.006 min

Lab File: VN072114.D

Acq: 21 Apr 2022 06:43

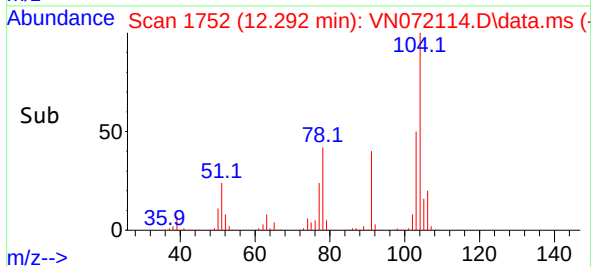
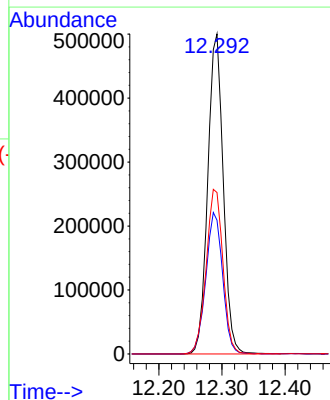
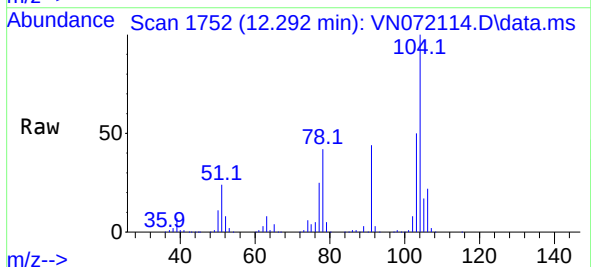
Tgt Ion:104 Resp: 853685

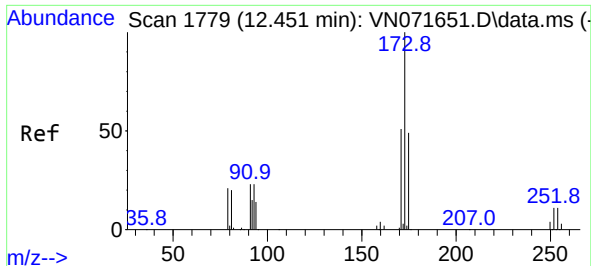
Ion Ratio Lower Upper

104 100

78 48.0 39.5 59.3

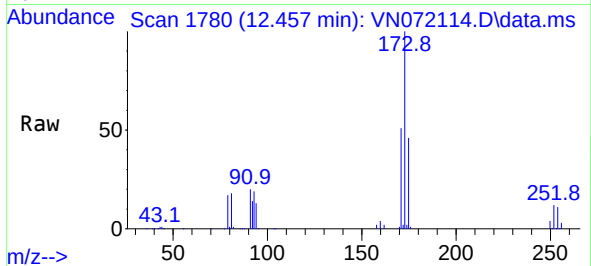
103 55.6 44.0 66.0



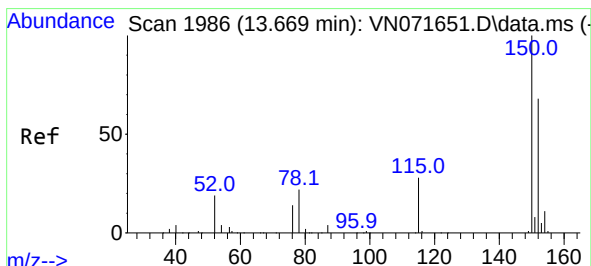
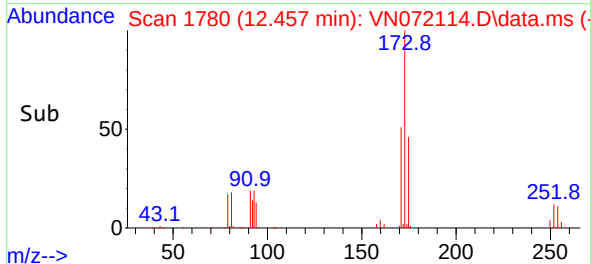
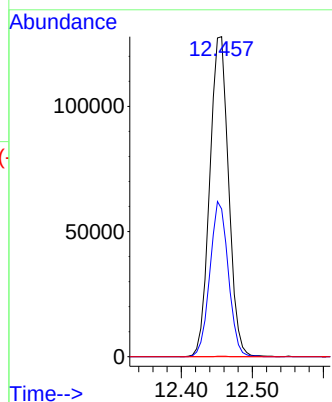


#71  
Bromoform  
Concen: 57.935 ug/l  
RT: 12.457 min Scan# 1779  
Delta R.T. 0.006 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Instrument :  
MSVOA\_N  
ClientSampleId :

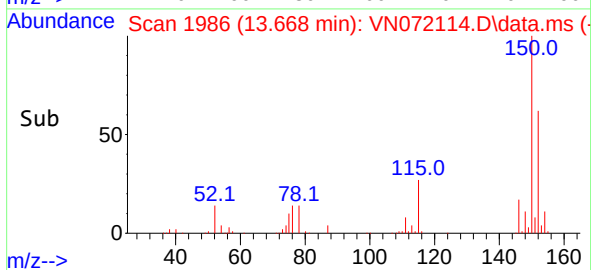
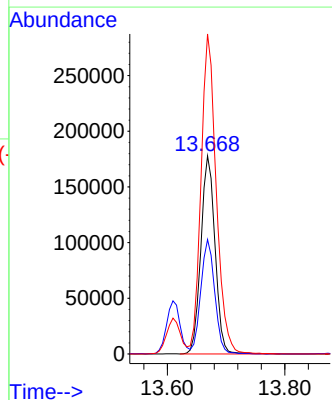
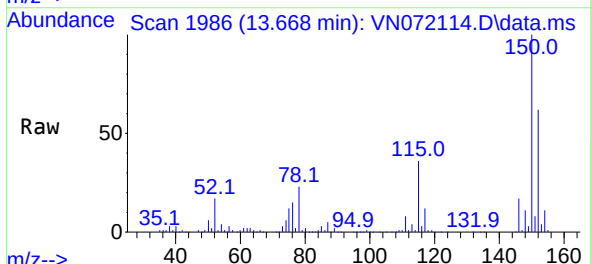


Tgt Ion:173 Resp: 235341  
Ion Ratio Lower Upper  
173 100  
175 47.4 24.6 73.6  
254 0.1 0.1 0.1

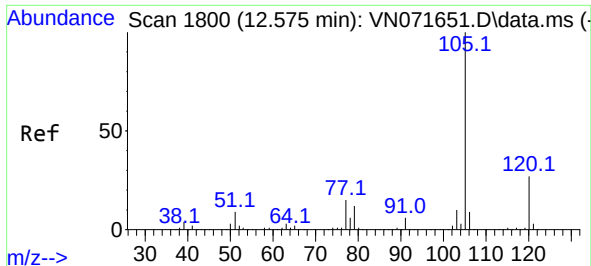


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. -0.001 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion:152 Resp: 297150  
Ion Ratio Lower Upper  
152 100  
115 56.8 28.9 86.7  
150 174.2 0.0 356.2



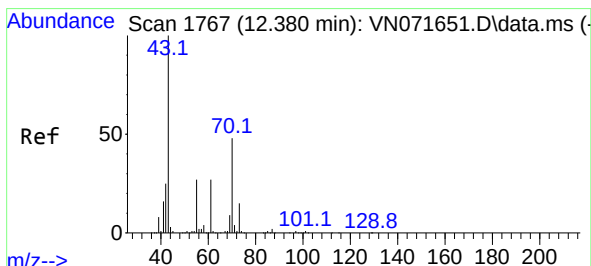
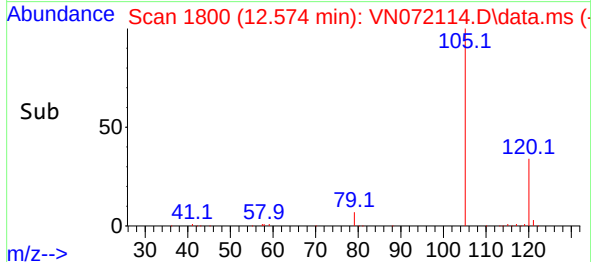
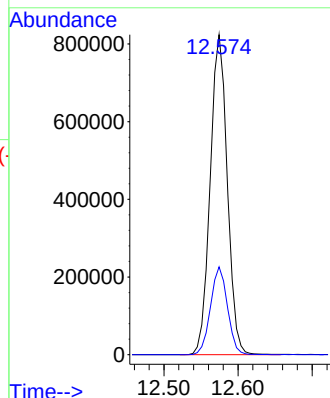
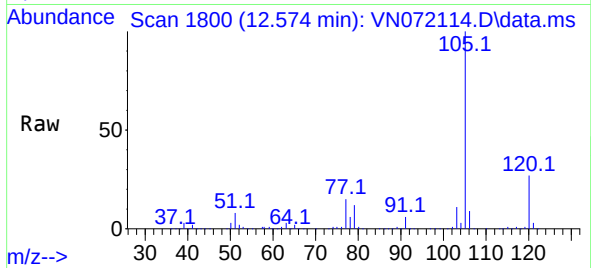




#73  
Isopropylbenzene  
Concen: 52.725 ug/l  
RT: 12.574 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

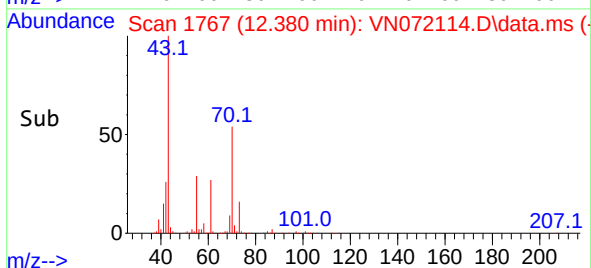
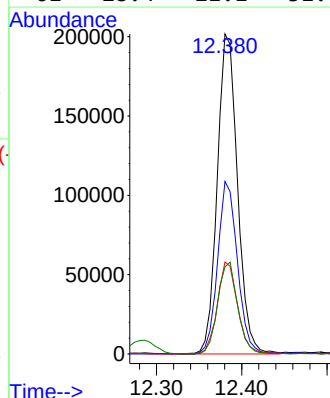
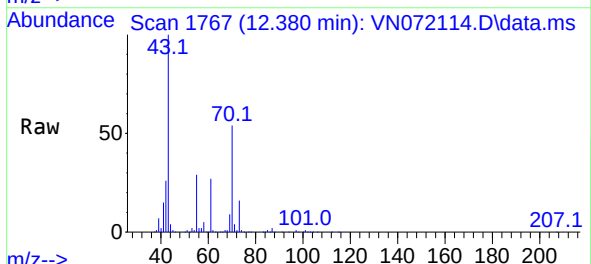
Instrument :  
MSVOA\_N  
ClientSampleId :

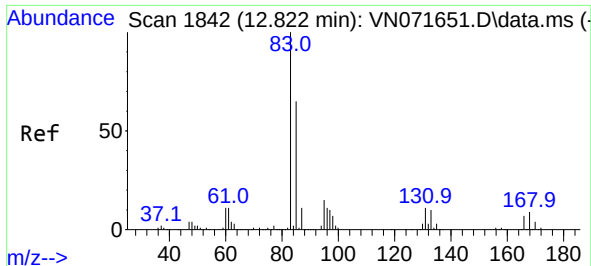
Tgt Ion:105 Resp: 1320223  
Ion Ratio Lower Upper  
105 100  
120 27.2 13.5 40.4



#74  
N-ethyl acetate  
Concen: 46.463 ug/l  
RT: 12.380 min Scan# 1767  
Delta R.T. 0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion: 43 Resp: 333344  
Ion Ratio Lower Upper  
43 100  
70 52.9 39.0 58.4  
55 28.8 21.1 31.7  
61 28.4 21.1 31.7

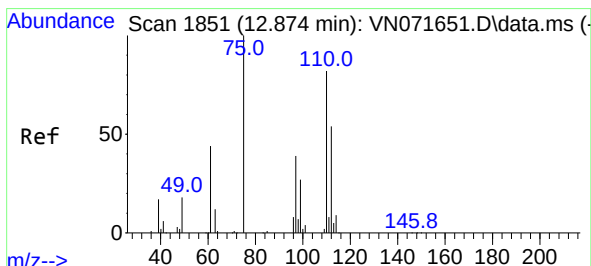
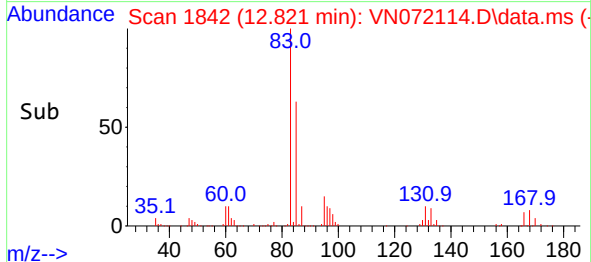
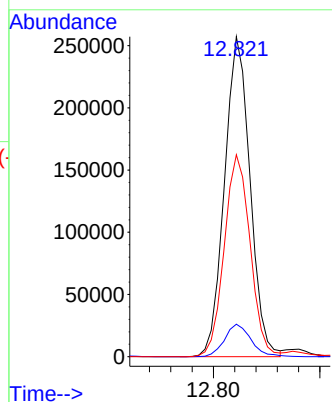
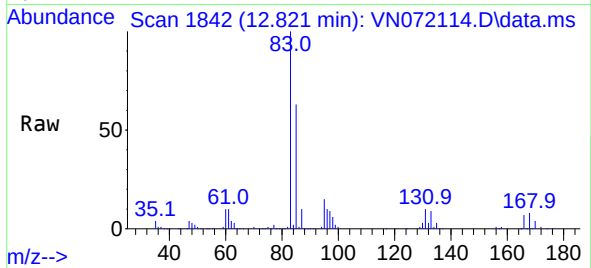




#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.258 ug/l  
RT: 12.821 min Scan# 1842  
Delta R.T. -0.001 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

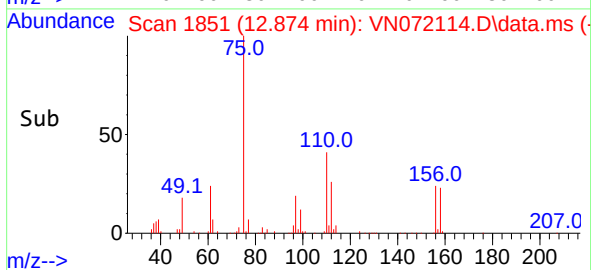
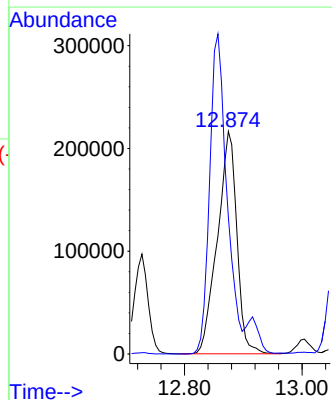
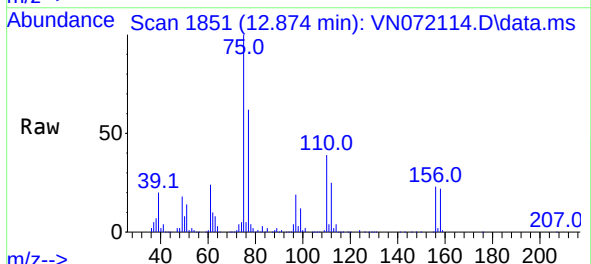
Instrument :  
MSVOA\_N  
ClientSampleId :

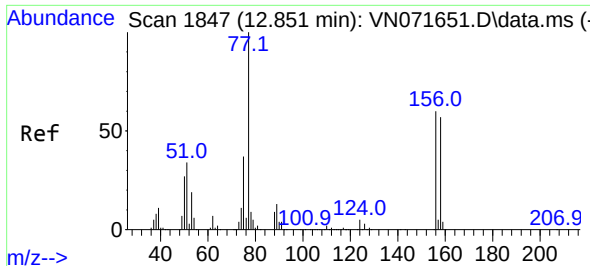
Tgt Ion: 83 Resp: 428250  
Ion Ratio Lower Upper  
83 100  
131 10.5 5.3 15.9  
85 63.9 32.3 96.9



#76  
1,2,3-Trichloropropane  
Concen: 72.265 ug/l  
RT: 12.874 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

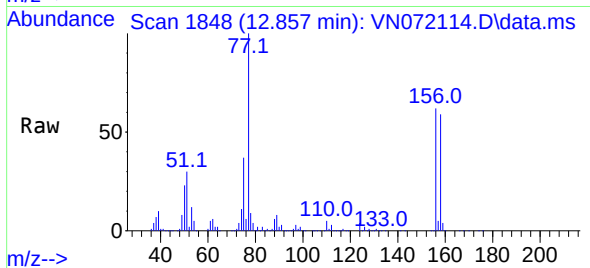
Tgt Ion: 75 Resp: 497450  
Ion Ratio Lower Upper  
75 100  
77 126.9 98.5 295.5



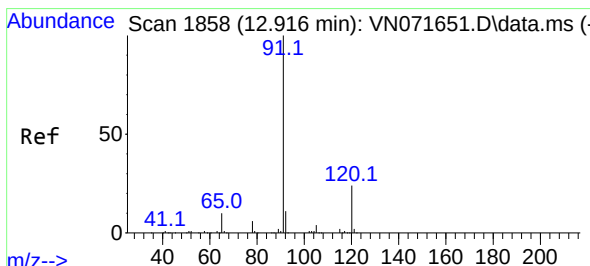
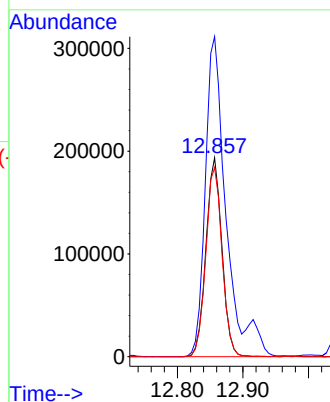
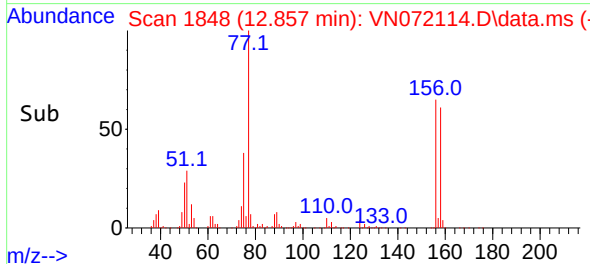


#77  
Bromobenzene  
Concen: 52.498 ug/l  
RT: 12.857 min Scan# 1847  
Delta R.T. 0.006 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Instrument :  
MSVOA\_N  
ClientSampleId :

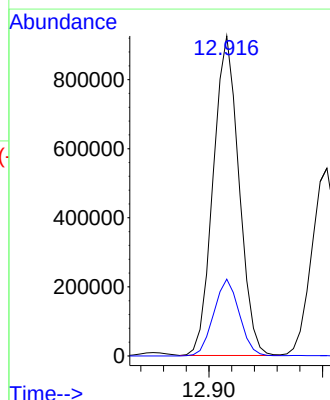
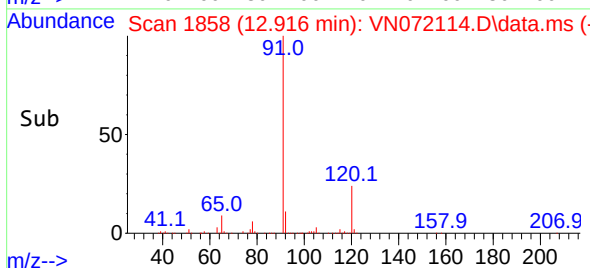
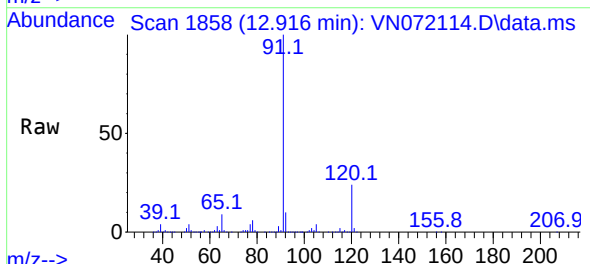


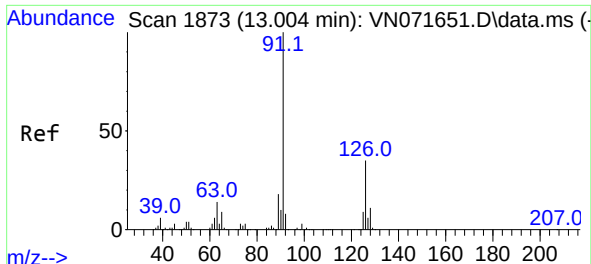
Tgt Ion:156 Resp: 329537  
Ion Ratio Lower Upper  
156 100  
77 191.6 100.5 301.5  
158 96.5 48.9 146.6



#78  
n-propylbenzene  
Concen: 55.367 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion: 91 Resp: 1458368  
Ion Ratio Lower Upper  
91 100  
120 23.9 11.9 35.5

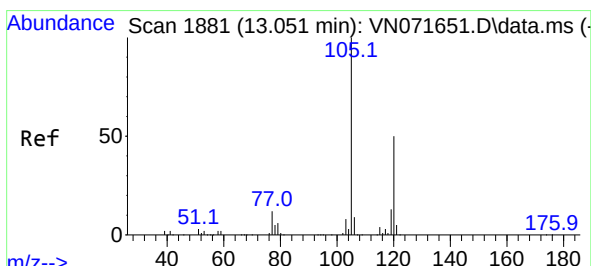
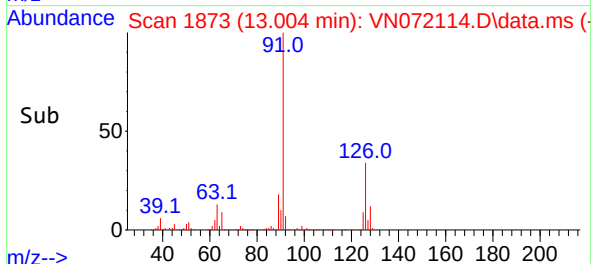
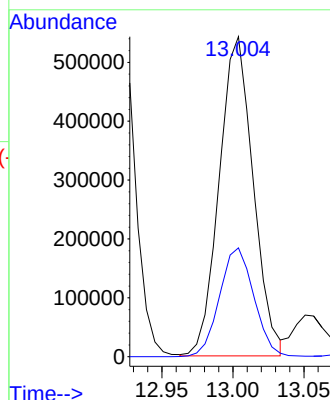
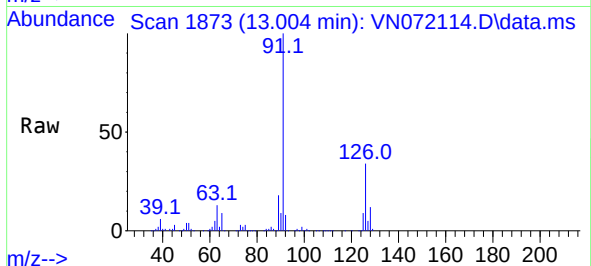




#79  
2-Chlorotoluene  
Concen: 53.494 ug/l  
RT: 13.004 min Scan# 1873  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

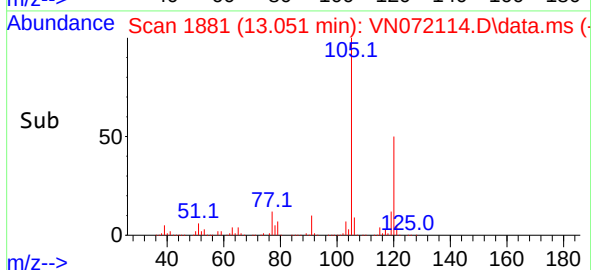
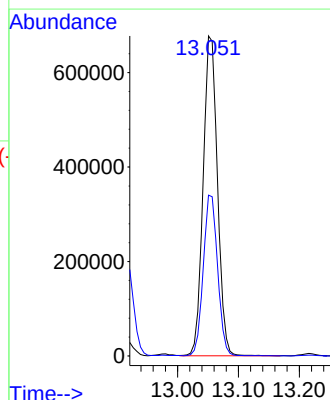
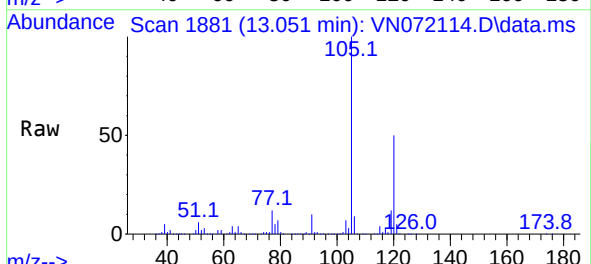
Instrument :  
MSVOA\_N  
ClientSampleId :

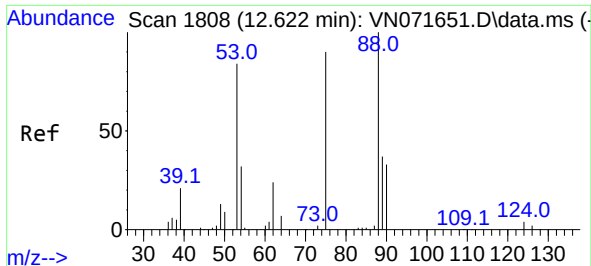
Tgt Ion: 91 Resp: 903622  
Ion Ratio Lower Upper  
91 100  
126 34.5 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 55.698 ug/l  
RT: 13.051 min Scan# 1881  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion:105 Resp: 1105027  
Ion Ratio Lower Upper  
105 100  
120 50.1 24.9 74.7

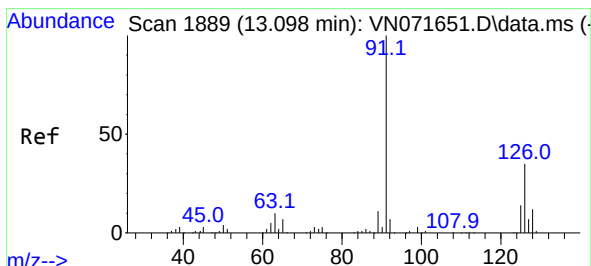
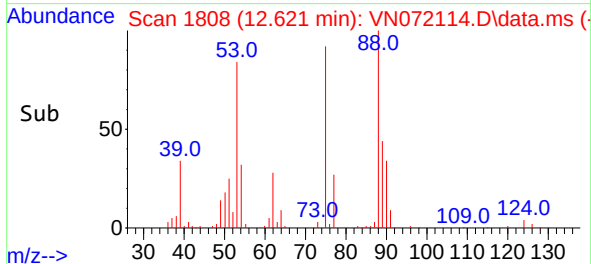
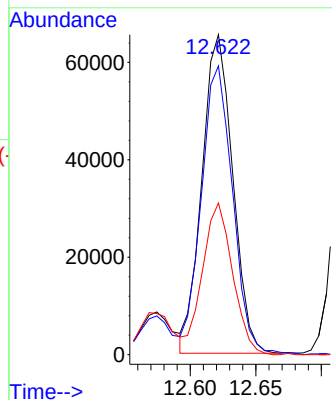
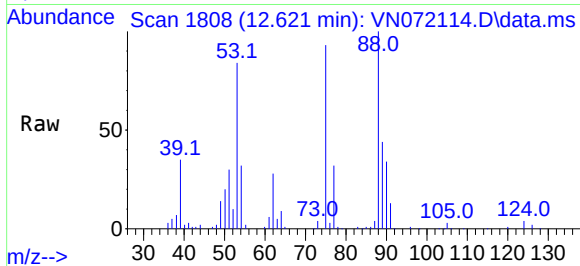




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.136 ug/l  
RT: 12.621 min Scan# 1808  
Delta R.T. -0.001 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

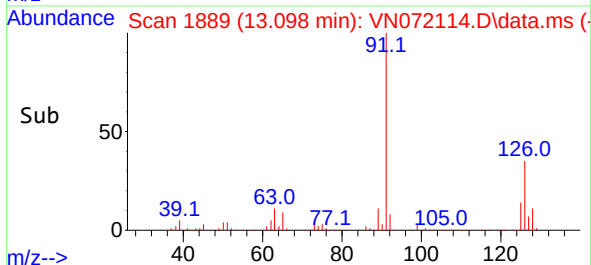
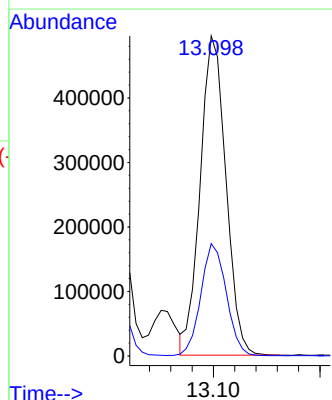
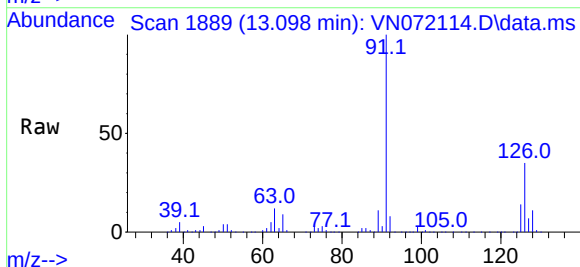
Instrument :  
MSVOA\_N  
ClientSampleId :

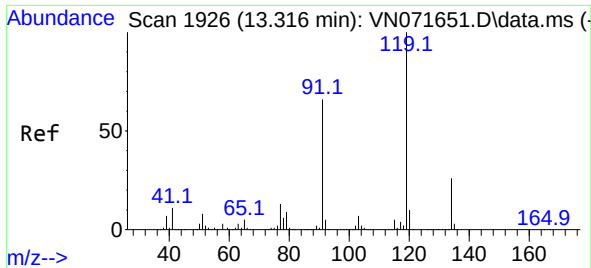
Tgt Ion: 75 Resp: 106924  
Ion Ratio Lower Upper  
75 100  
53 92.4 78.0 117.0  
89 46.9 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 53.006 ug/l  
RT: 13.098 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion: 91 Resp: 829948  
Ion Ratio Lower Upper  
91 100  
126 34.9 17.2 51.6

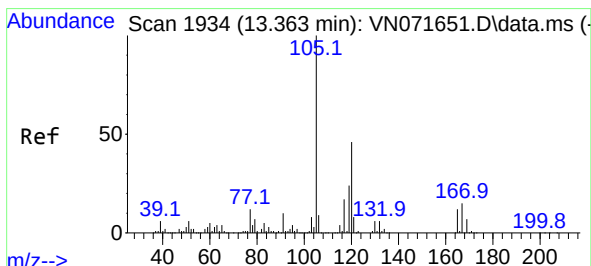
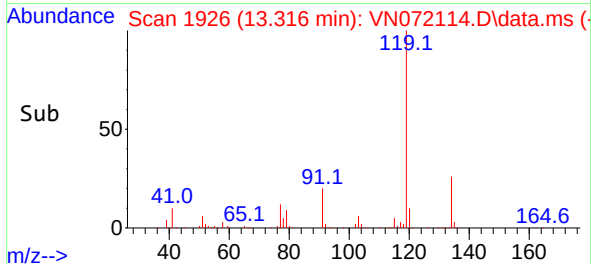
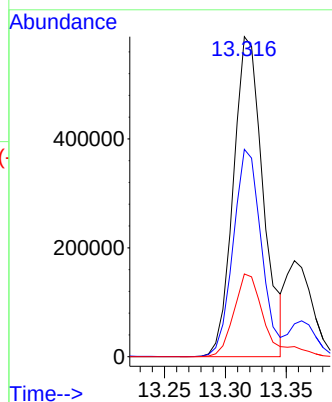
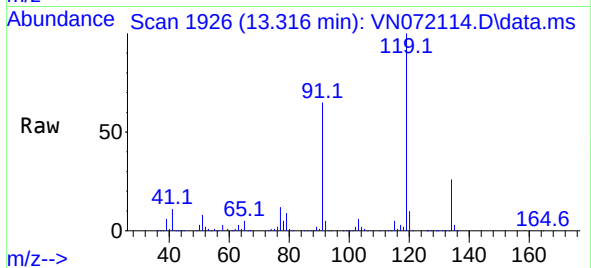




#83  
tert-Butylbenzene  
Concen: 55.062 ug/l  
RT: 13.316 min Scan# 1926  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

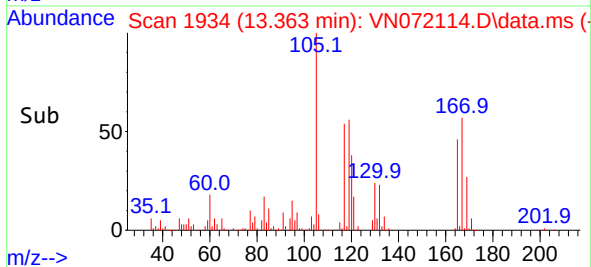
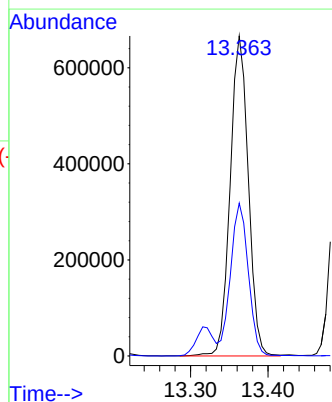
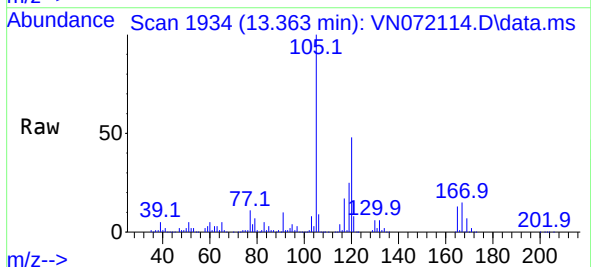
Instrument :  
MSVOA\_N  
ClientSampleId :

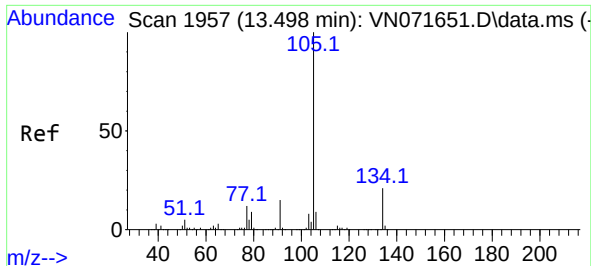
Tgt Ion:119 Resp: 998578  
Ion Ratio Lower Upper  
119 100  
91 61.4 31.6 94.8  
134 26.9 13.7 41.1



#84  
1,2,4-Trimethylbenzene  
Concen: 56.015 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion:105 Resp: 1084297  
Ion Ratio Lower Upper  
105 100  
120 47.2 23.3 69.8

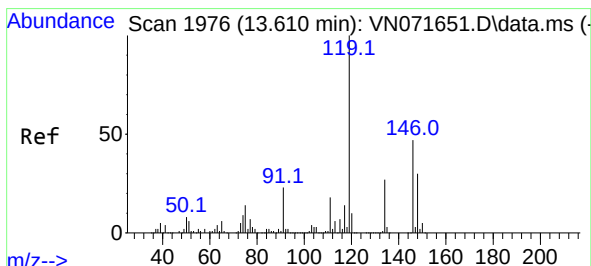
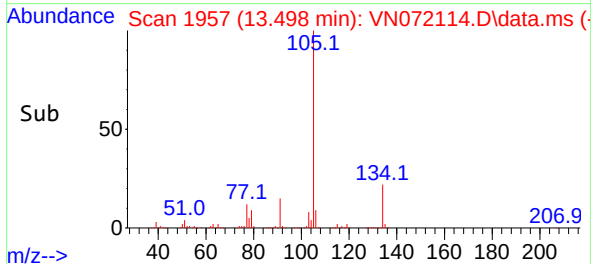
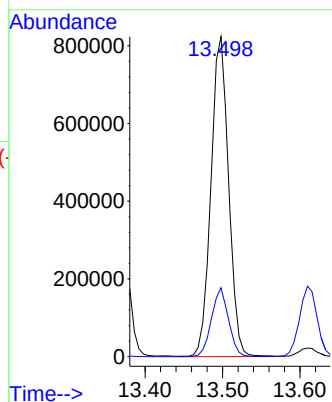
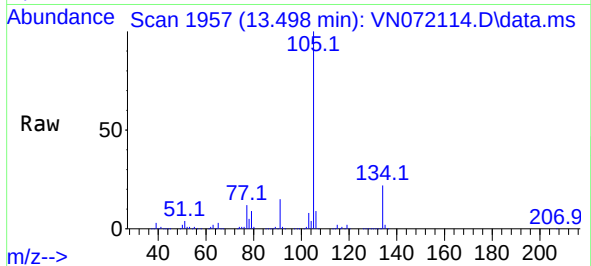




#85  
 sec-Butylbenzene  
 Concen: 55.375 ug/l  
 RT: 13.498 min Scan# 1957  
 Delta R.T. -0.000 min  
 Lab File: VN072114.D  
 Acq: 21 Apr 2022 06:43

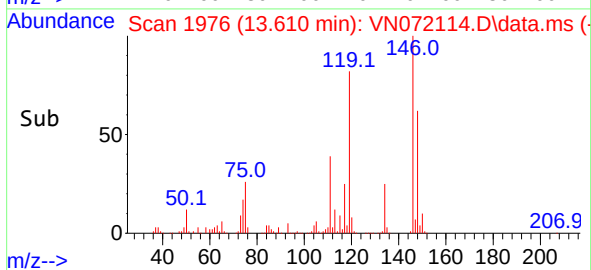
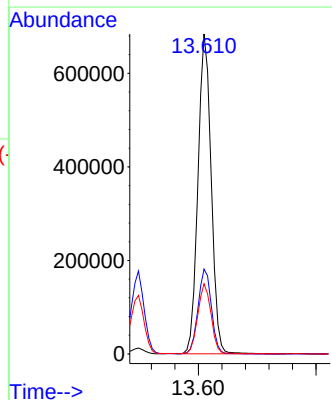
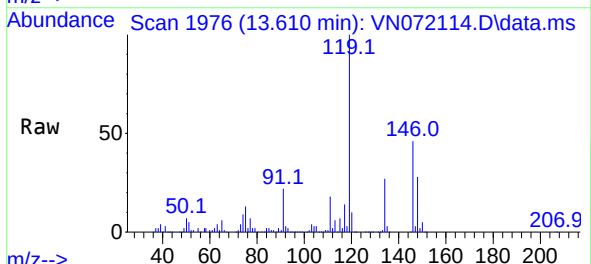
Instrument :  
 MSVOA\_N  
 ClientSampleId :

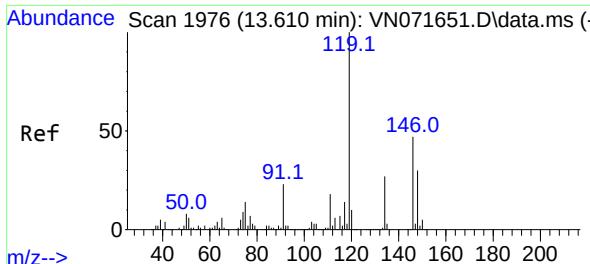
Tgt Ion:105 Resp: 1301833  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 56.913 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. -0.000 min  
 Lab File: VN072114.D  
 Acq: 21 Apr 2022 06:43

Tgt Ion:119 Resp: 1066832  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 13.3 39.8  
 91 21.9 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 52.153 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072114.D

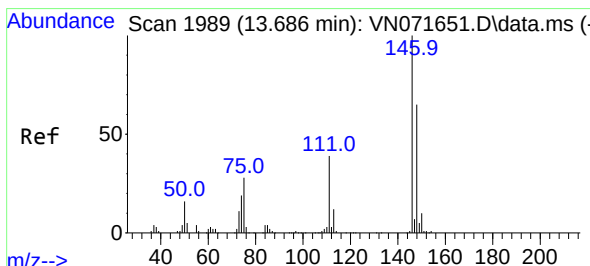
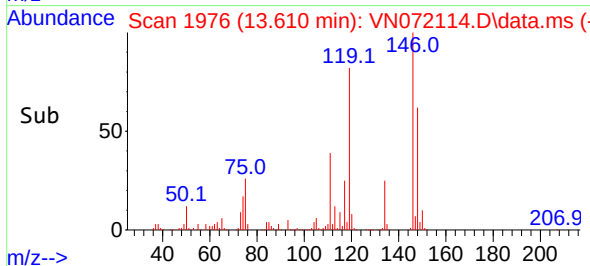
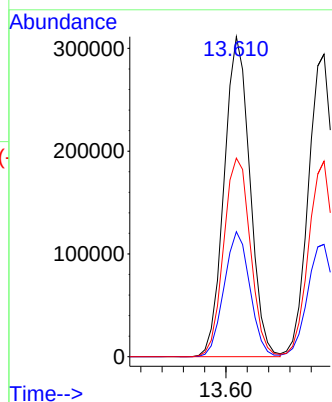
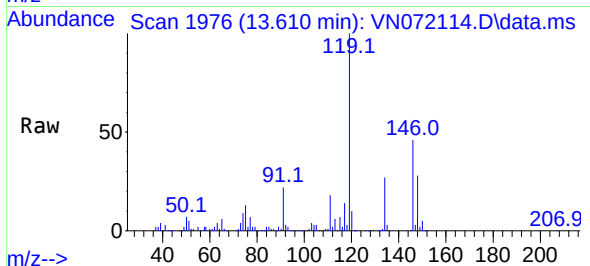
Acq: 21 Apr 2022 06:43

Instrument :

MSVOA\_N

ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 521546 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 39.3  | 20.0  | 60.0   |
| 148       | 64.5  | 32.0  | 96.0   |



#88

1,4-Dichlorobenzene

Concen: 51.497 ug/l

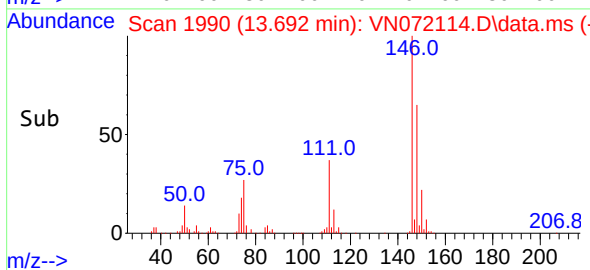
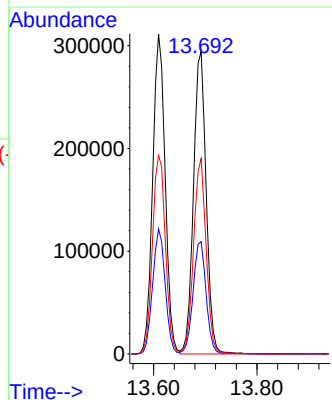
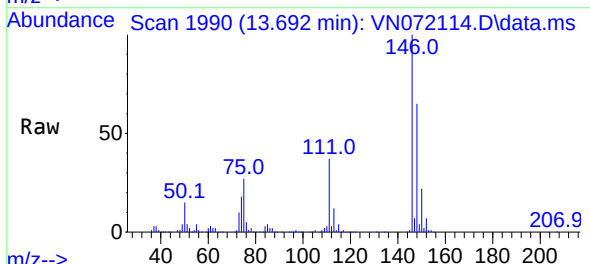
RT: 13.692 min Scan# 1990

Delta R.T. 0.006 min

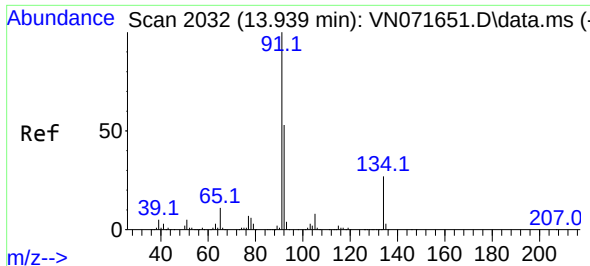
Lab File: VN072114.D

Acq: 21 Apr 2022 06:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 502417 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 38.4  | 19.1  | 57.1   |
| 148       | 64.2  | 31.4  | 94.3   |

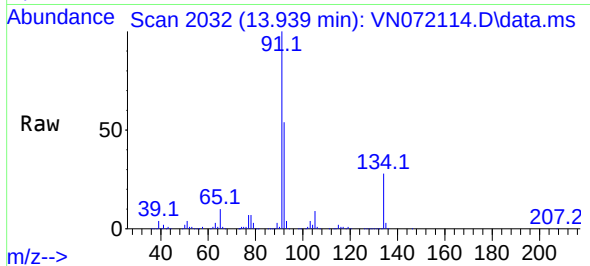




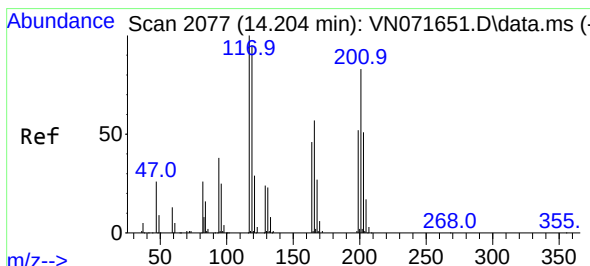
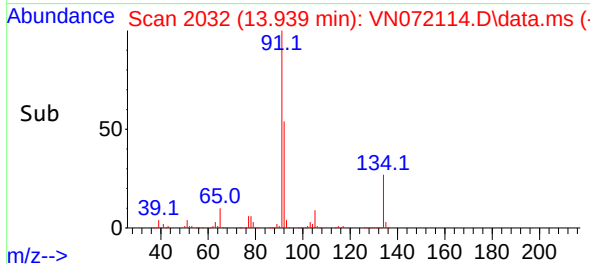
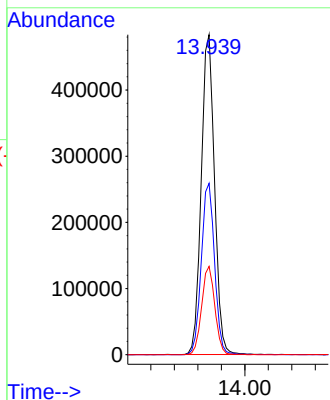


#89  
n-Butylbenzene  
Concen: 54.550 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Instrument :  
MSVOA\_N  
ClientSampleId :

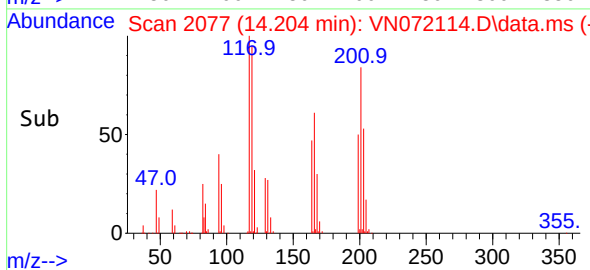
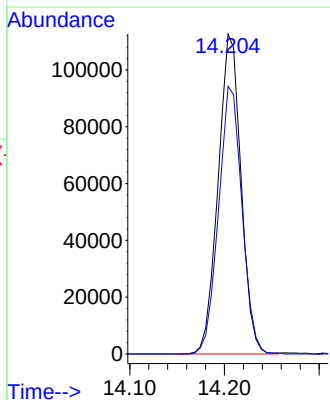
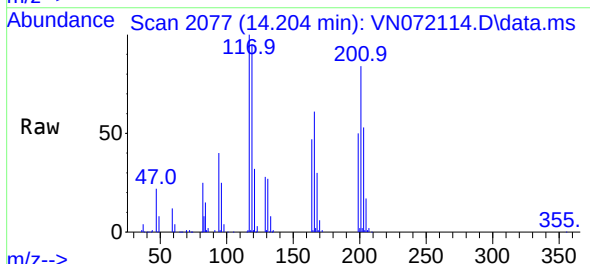


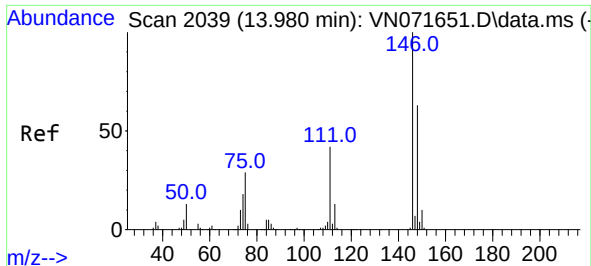
Tgt Ion: 91 Resp: 758404  
Ion Ratio Lower Upper  
91 100  
92 53.7 26.9 80.7  
134 27.5 13.6 40.8



#90  
Hexachloroethane  
Concen: 55.127 ug/l  
RT: 14.204 min Scan# 2077  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion: 117 Resp: 189160  
Ion Ratio Lower Upper  
117 100  
201 85.6 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 52.518 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN072114.D

Acq: 21 Apr 2022 06:43

Instrument :

MSVOA\_N

ClientSampleId :

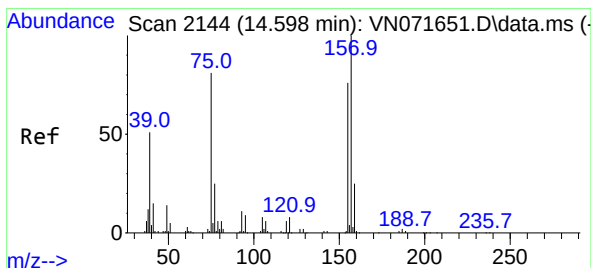
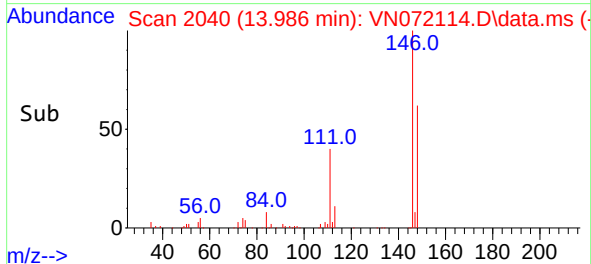
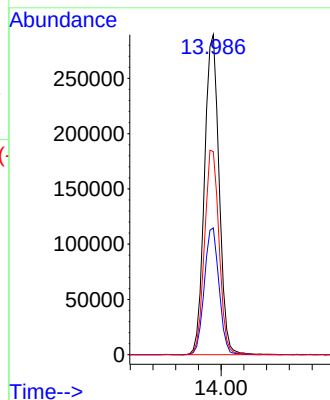
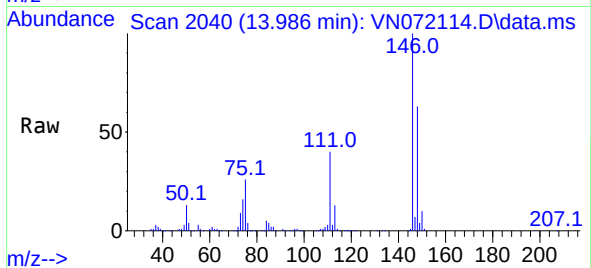
Tgt Ion:146 Resp: 515602

Ion Ratio Lower Upper

146 100

111 39.9 20.9 62.8

148 63.6 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.475 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN072114.D

Acq: 21 Apr 2022 06:43

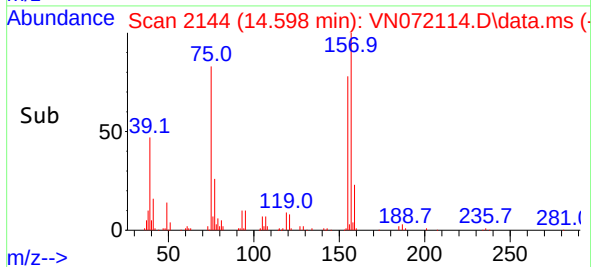
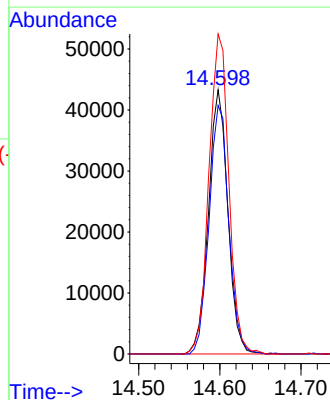
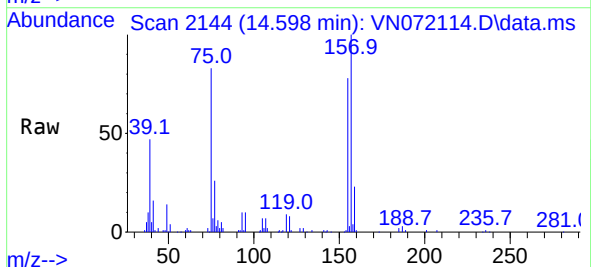
Tgt Ion: 75 Resp: 71891

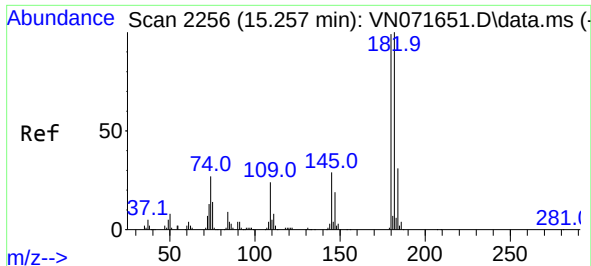
Ion Ratio Lower Upper

75 100

155 95.5 44.9 134.5

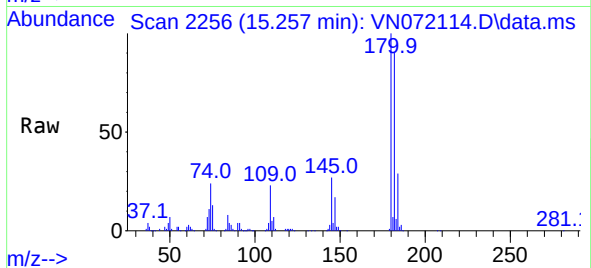
157 124.1 59.0 176.8



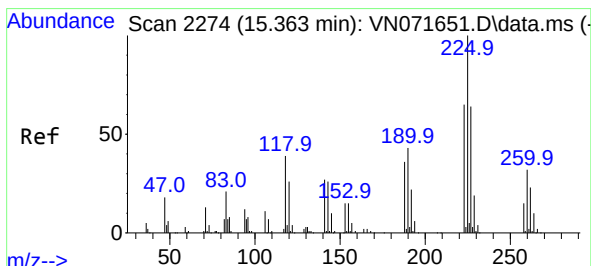
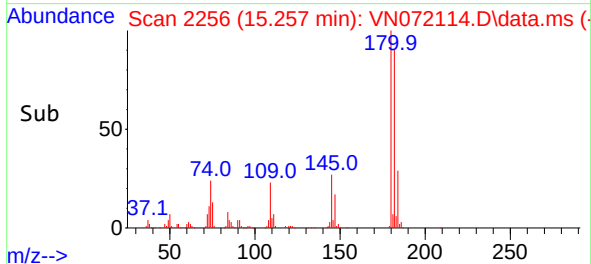
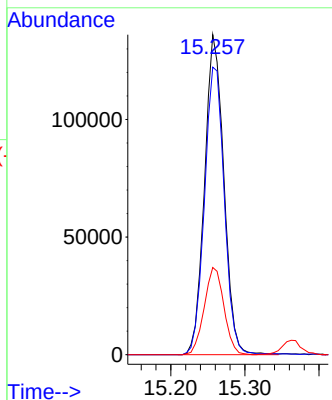


#93  
1,2,4-Trichlorobenzene  
Concen: 51.896 ug/l  
RT: 15.257 min Scan# 2256  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Instrument :  
MSVOA\_N  
ClientSampleId :

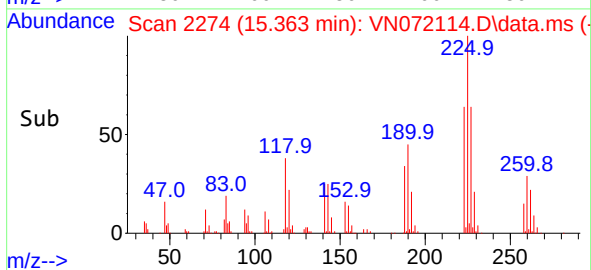
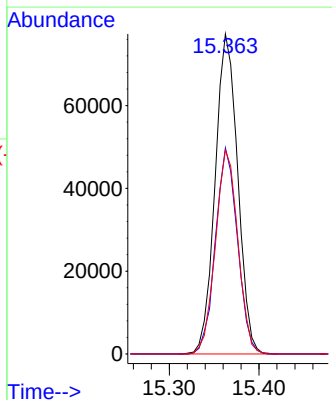
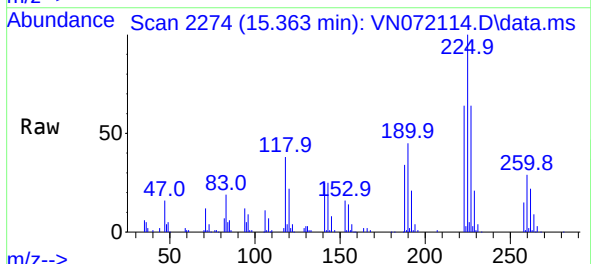


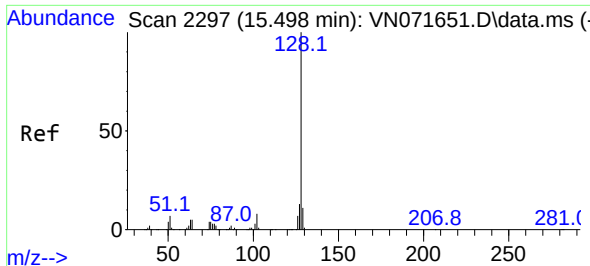
Tgt Ion:180 Resp: 245811  
Ion Ratio Lower Upper  
180 100  
182 92.2 47.5 142.5  
145 27.8 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 46.627 ug/l  
RT: 15.363 min Scan# 2274  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

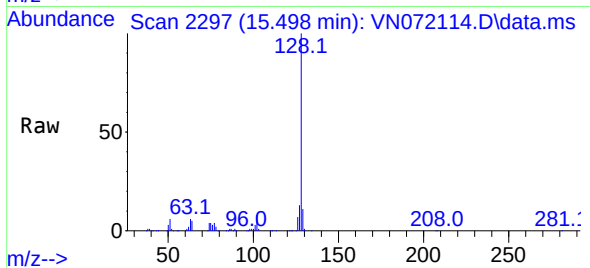
Tgt Ion:225 Resp: 135010  
Ion Ratio Lower Upper  
225 100  
223 62.8 32.4 97.2  
227 63.3 31.8 95.4



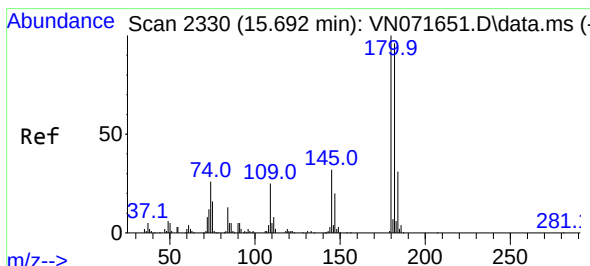
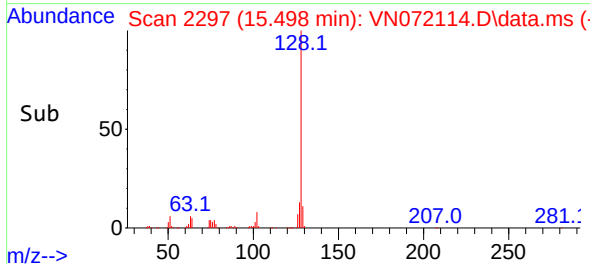
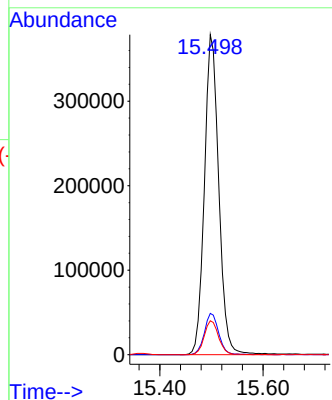


#95  
Naphthalene  
Concen: 53.653 ug/l  
RT: 15.498 min Scan# 2297  
Delta R.T. -0.000 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion:128 Resp: 730071  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.3 15.5  
129 10.6 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 52.669 ug/l  
RT: 15.698 min Scan# 2331  
Delta R.T. 0.006 min  
Lab File: VN072114.D  
Acq: 21 Apr 2022 06:43

Tgt Ion:180 Resp: 241903  
Ion Ratio Lower Upper  
180 100  
182 96.0 47.8 143.3  
145 30.9 15.5 46.5

