

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042022\  
 Data File : VN072096.D  
 Acq On : 20 Apr 2022 23:29  
 Operator : JC\MD  
 Sample : VN0420WBS02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Apr 21 03:38:13 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      | 8.080  | 168  | 519391   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.963  | 114  | 820640   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.739 | 117  | 738137   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.668 | 152  | 290427   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.433  | 65    | 267903   | 45.182   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 90.360% |
| 35) Dibromofluoromethane    | 8.016  | 113   | 235855   | 48.841   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 97.680% |
| 50) Toluene-d8              | 10.439 | 98    | 913657   | 46.251   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 92.500% |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 297127   | 46.507   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 93.020% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.069 | 85  | 101905  | 24.679  | ug/l   | 99  |
| 3) Chloromethane             | 2.298 | 50  | 115615  | 22.096  | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.440 | 62  | 113399  | 19.735  | ug/l   | 97  |
| 5) Bromomethane              | 2.845 | 94  | 76617   | 20.512  | ug/l   | 93  |
| 6) Chloroethane              | 3.010 | 64  | 74023   | 17.907  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.369 | 101 | 157763  | 21.580  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.828 | 74  | 67930   | 21.987  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 4.210 | 101 | 95213   | 21.135  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.422 | 142 | 131553  | 20.890  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.363 | 59  | 111569  | 115.946 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.181 | 96  | 91700   | 21.390  | ug/l   | 97  |
| 13) Acrolein                 | 4.045 | 56  | 44591   | 38.006  | ug/l   | 98  |
| 14) Allyl chloride           | 4.839 | 41  | 141572  | 20.346  | ug/l   | 94  |
| 15) Acrylonitrile            | 5.551 | 53  | 321784  | 115.048 | ug/l   | 97  |
| 16) Acetone                  | 4.287 | 43  | 243340  | 96.029  | ug/l   | 95  |
| 17) Carbon Disulfide         | 4.534 | 76  | 219538  | 22.319  | ug/l   | 96  |
| 18) Methyl Acetate           | 4.857 | 43  | 140739  | 21.567  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.616 | 73  | 343710  | 21.581  | ug/l   | 99  |
| 20) Methylene Chloride       | 5.092 | 84  | 114263  | 21.393  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.598 | 96  | 99419   | 21.125  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.492 | 45  | 317666  | 20.971  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.428 | 43  | 1320414 | 109.613 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.381 | 63  | 188837  | 21.235  | ug/l   | 97  |
| 25) 2-Butanone               | 7.333 | 43  | 392546  | 107.455 | ug/l   | 94  |
| 26) 2,2-Dichloropropane      | 7.322 | 77  | 137935  | 18.056  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 7.322 | 96  | 123871  | 21.464  | ug/l   | 96  |
| 28) Bromochloromethane       | 7.651 | 49  | 66047   | 18.411  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 7.680 | 42  | 264734  | 111.917 | ug/l   | 96  |
| 30) Chloroform               | 7.816 | 83  | 196647  | 20.942  | ug/l   | 100 |
| 31) Cyclohexane              | 8.092 | 56  | 170371  | 21.128  | ug/l   | 94  |
| 32) 1,1,1-Trichloroethane    | 8.010 | 97  | 168948  | 21.032  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.222 | 75  | 140770  | 20.875  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.410 | 43  | 162474  | 22.012  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 8.204 | 117 | 142143  | 21.507  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.457 | 83  | 171506  | 21.365  | ug/l   | 98  |
| 40) Benzene                  | 8.457 | 78  | 458944  | 21.544  | ug/l   | 99  |

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 Sample : VN0420WBS02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Apr 21 03:38:13 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   | 77778    | 21.521  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.527  | 62   | 148147   | 20.104  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.557  | 43   | 253558   | 20.653  | ug/l   | 99       |
| 44) Trichloroethene           | 9.216  | 130  | 116783   | 21.279  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.486  | 63   | 113232   | 21.277  | ug/l   | 99       |
| 46) Dibromomethane            | 9.574  | 93   | 75795    | 20.977  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.757  | 83   | 149479   | 21.016  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.557  | 41   | 100807   | 19.792  | ug/l   | 89       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 52486    | 426.434 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.327 | 43   | 779676   | 110.459 | ug/l   | 97       |
| 52) Toluene                   | 10.504 | 92   | 291751   | 21.666  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.716 | 75   | 151092   | 20.269  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.186 | 75   | 173971   | 21.122  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 10.892 | 97   | 118895   | 21.453  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.757 | 69   | 173644   | 21.963  | ug/l # | 93       |
| 57) 1,3-Dichloropropane       | 11.039 | 76   | 196679   | 21.226  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.039 | 63   | 230909   | 105.397 | ug/l   | 99       |
| 59) 2-Hexanone                | 11.080 | 43   | 553797   | 111.438 | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.233 | 129  | 118995   | 22.021  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.339 | 107  | 116645   | 21.382  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.974 | 164  | 102429   | 21.015  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.768 | 112  | 307844   | 20.828  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.833 | 131  | 111947   | 20.990  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.839 | 91   | 524019   | 20.943  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.951 | 106  | 408097   | 42.450  | ug/l   | 99       |
| 69) o-Xylene                  | 12.280 | 106  | 207904   | 21.788  | ug/l   | 96       |
| 70) Styrene                   | 12.292 | 104  | 320200   | 22.147  | ug/l   | 99       |
| 71) Bromoform                 | 12.451 | 173  | 92185    | 22.697  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.574 | 105  | 519756   | 21.238  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.386 | 43   | 154158   | 21.984  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.821 | 83   | 176401   | 21.603  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.874 | 75   | 198814   | 29.550  | ug/l   | 52       |
| 77) Bromobenzene              | 12.857 | 156  | 126180   | 20.567  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.915 | 91   | 532775   | 20.695  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 343153   | 20.785  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 419453   | 21.632  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.621 | 75   | 43641    | 20.101  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 13.098 | 91   | 315503   | 20.617  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.321 | 119  | 373034   | 21.046  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.362 | 105  | 404645   | 21.388  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 484320   | 21.078  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.609 | 119  | 383575   | 20.937  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.609 | 146  | 198344   | 20.293  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.692 | 146  | 192125   | 20.148  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.939 | 91   | 256430   | 18.871  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.204 | 117  | 68832    | 20.524  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 196719   | 20.501  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 28079    | 22.169  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.256 | 180  | 89190    | 20.577  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.362 | 225  | 55706    | 19.684  | ug/l   | 98       |
| 95) Naphthalene               | 15.503 | 128  | 241331   | 20.663  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 89102    | 21.353  | ug/l   | 99       |

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Operator : JC\MD  
Sample : VN0420WBS02  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 33 Sample Multiplier: 1

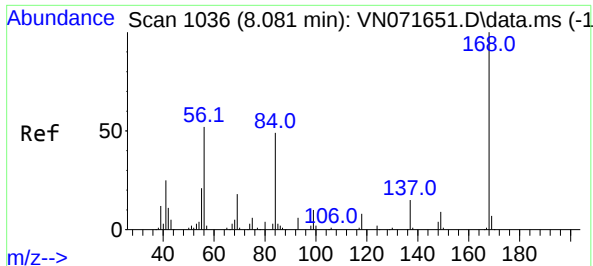
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Apr 21 03:38:13 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) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

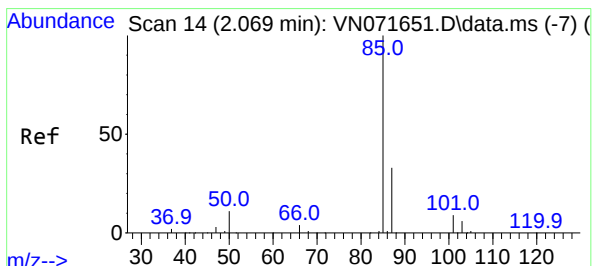
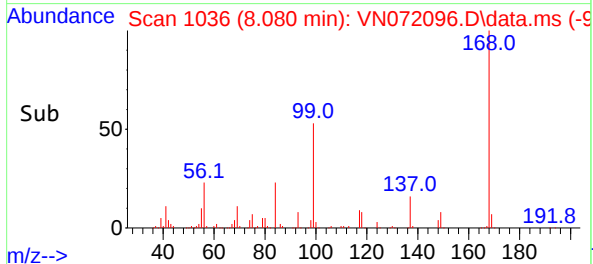
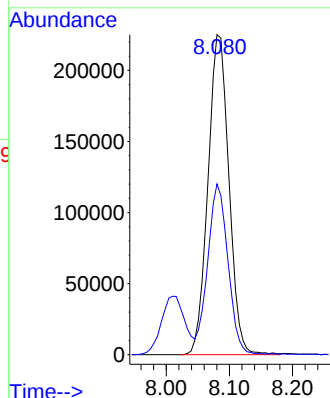
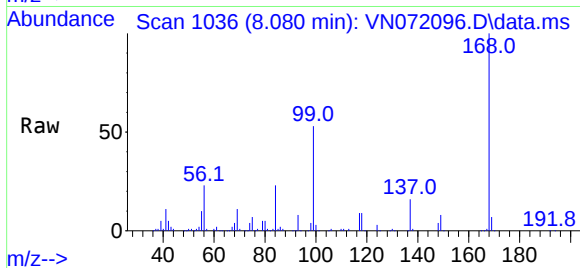




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.080 min Scan# 10  
Delta R.T. -0.001 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

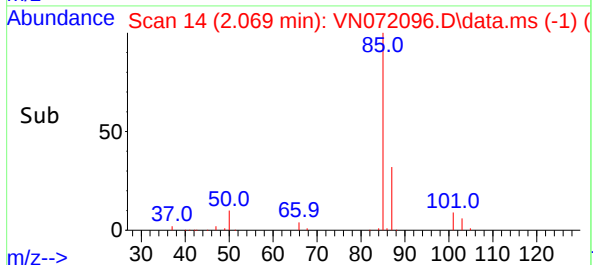
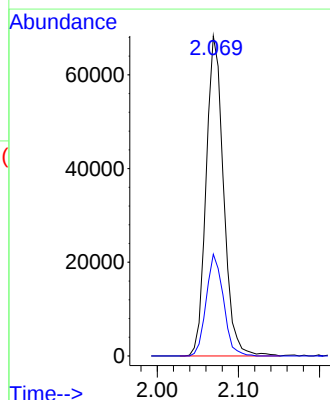
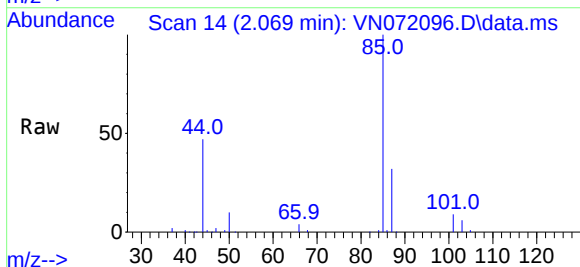
Instrument :  
MSVOA\_N  
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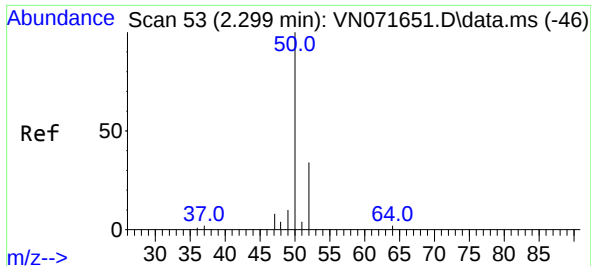
Tgt Ion:168 Resp: 519391  
Ion Ratio Lower Upper  
168 100  
99 53.2 42.3 63.5



#2  
Dichlorodifluoromethane  
Concen: 24.679 ug/l  
RT: 2.069 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion: 85 Resp: 101905  
Ion Ratio Lower Upper  
85 100  
87 31.8 15.7 47.1

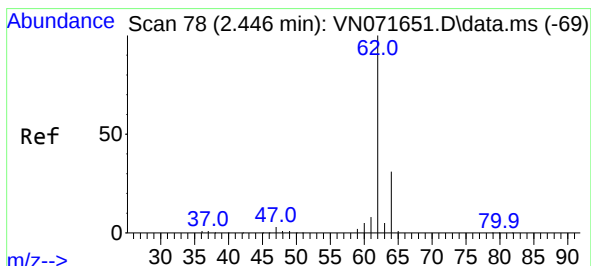
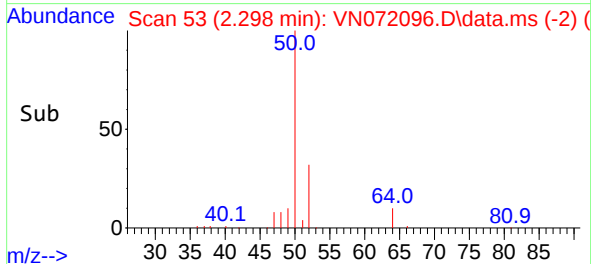
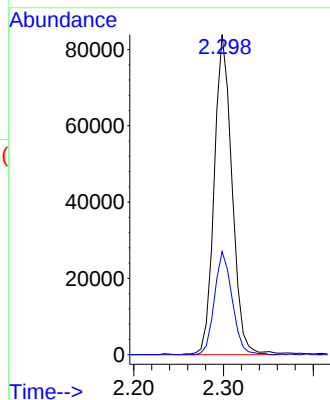
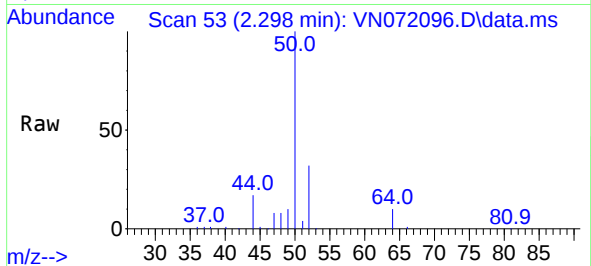




#3  
Chloromethane  
Concen: 22.096 ug/l  
RT: 2.298 min Scan# 51  
Delta R.T. -0.001 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

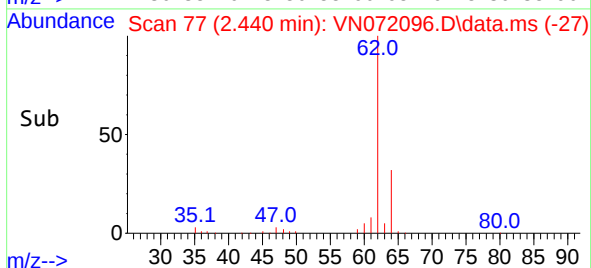
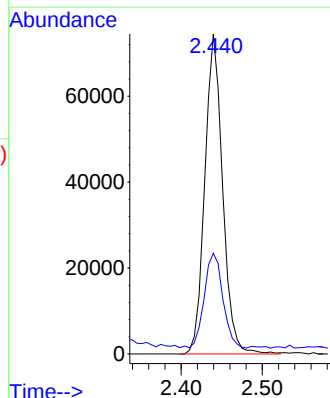
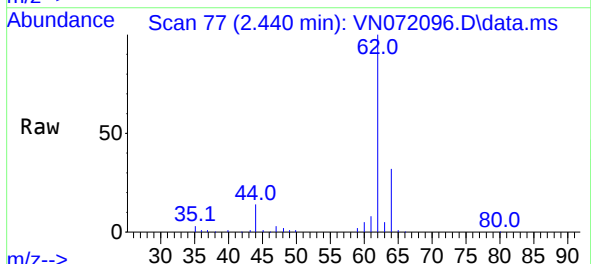
Instrument :  
MSVOA\_N  
ClientSampleId :

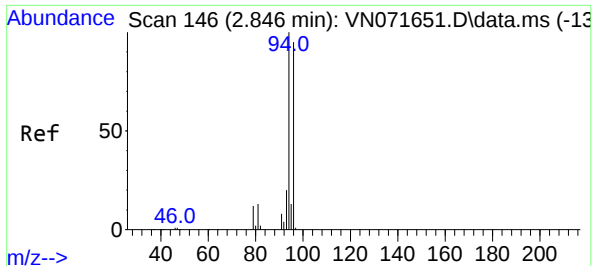
Tgt Ion: 50 Resp: 115615  
Ion Ratio Lower Upper  
50 100  
52 32.3 25.7 38.5



#4  
Vinyl Chloride  
Concen: 19.735 ug/l  
RT: 2.440 min Scan# 77  
Delta R.T. -0.006 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

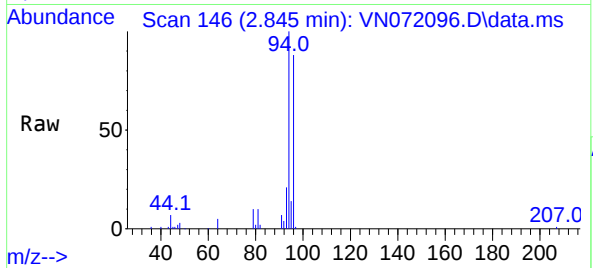
Tgt Ion: 62 Resp: 113399  
Ion Ratio Lower Upper  
62 100  
64 29.6 25.0 37.4



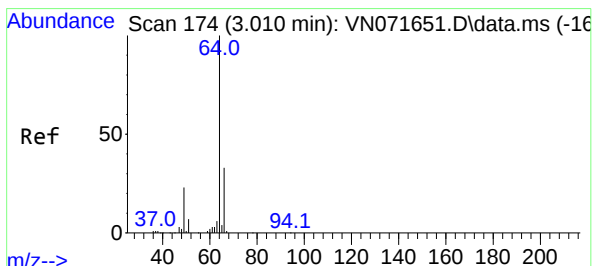
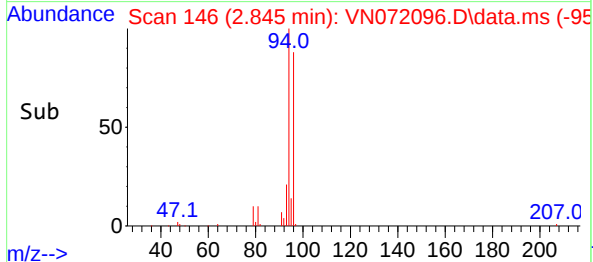
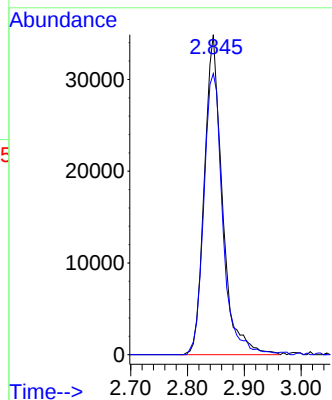


#5  
Bromomethane  
Concen: 20.512 ug/l  
RT: 2.845 min Scan# 14  
Delta R.T. -0.001 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Instrument :  
MSVOA\_N  
ClientSampleId :

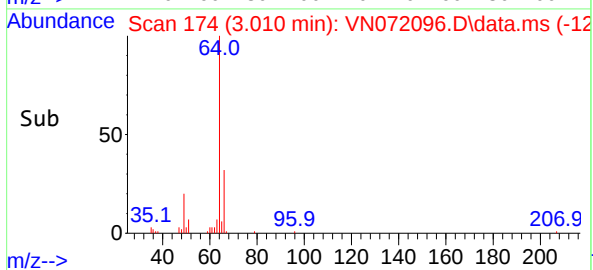
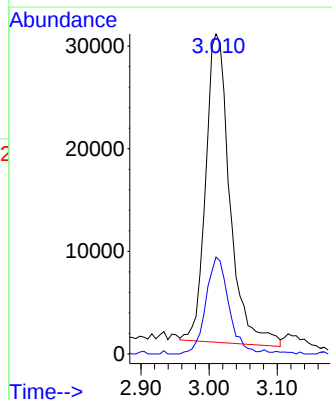
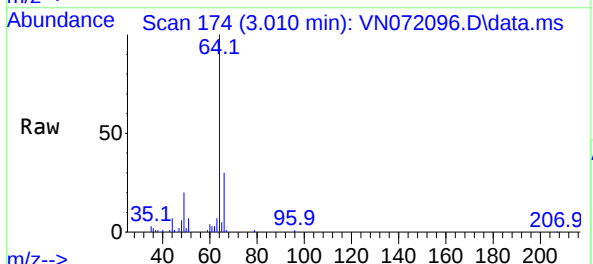


Tgt Ion: 94 Resp: 76617  
Ion Ratio Lower Upper  
94 100  
96 87.9 76.0 114.0



#6  
Chloroethane  
Concen: 17.907 ug/l  
RT: 3.010 min Scan# 174  
Delta R.T. 0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion: 64 Resp: 74023  
Ion Ratio Lower Upper  
64 100  
66 31.7 26.2 39.4

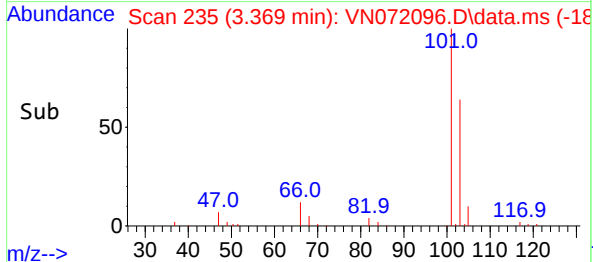
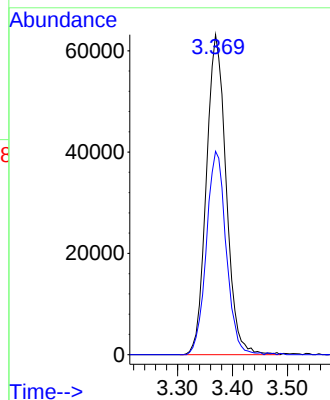
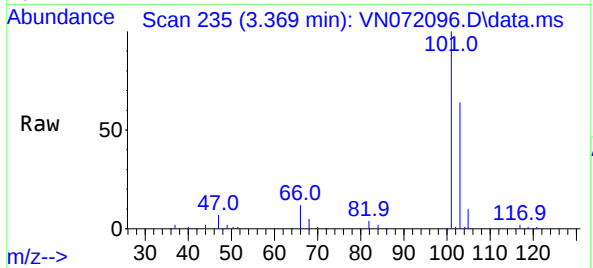




#7  
Trichlorofluoromethane  
Concen: 21.580 ug/l  
RT: 3.369 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

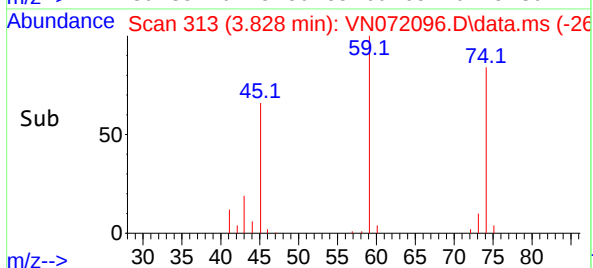
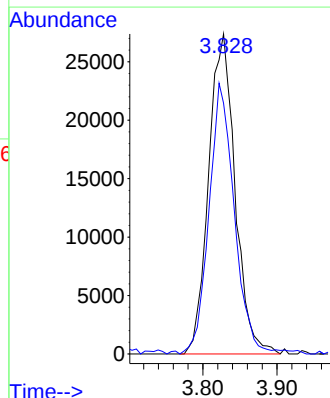
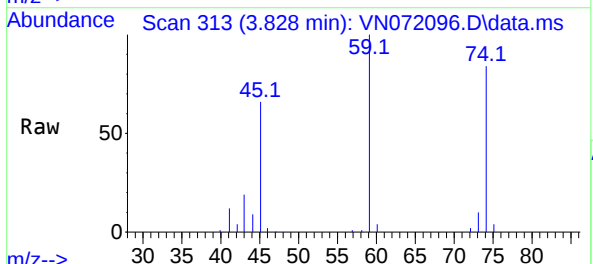
Instrument :  
MSVOA\_N  
ClientSampleId :

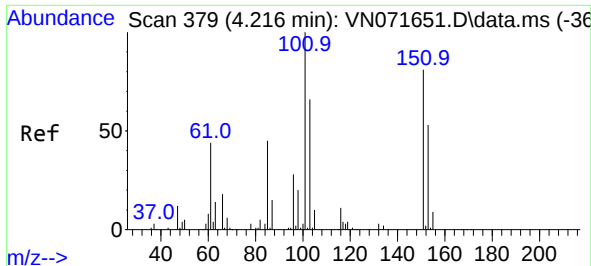
Tgt Ion:101 Resp: 157763  
Ion Ratio Lower Upper  
101 100  
103 63.6 51.5 77.3



#8  
Diethyl Ether  
Concen: 21.987 ug/l  
RT: 3.828 min Scan# 313  
Delta R.T. -0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion: 74 Resp: 67930  
Ion Ratio Lower Upper  
74 100  
45 81.7 42.9 128.5

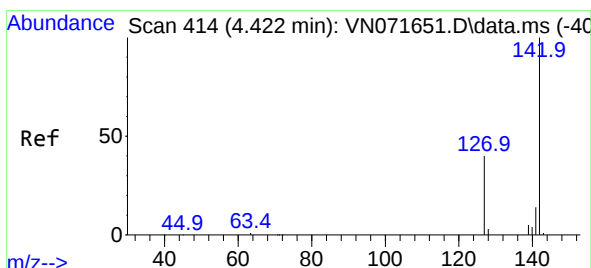
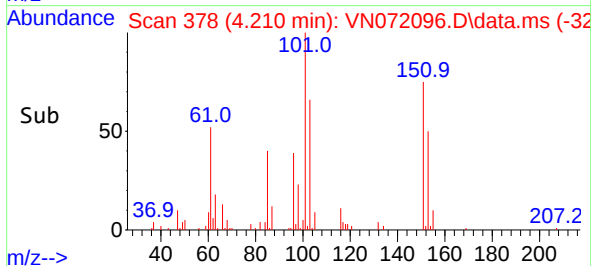
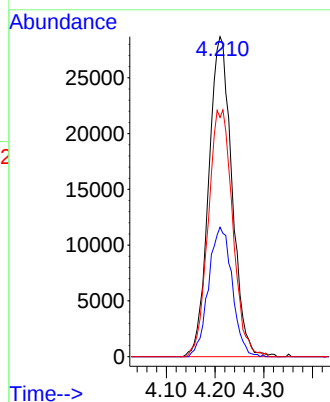
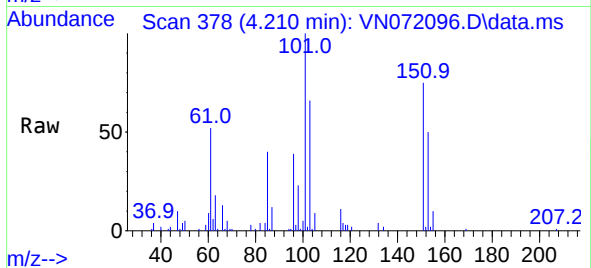




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.135 ug/l  
RT: 4.210 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

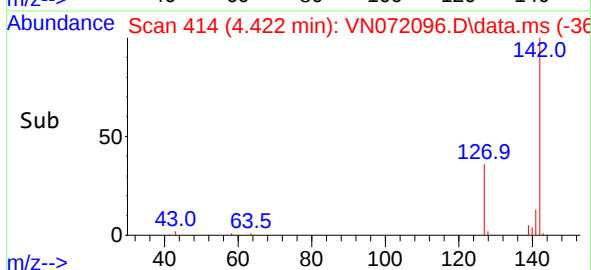
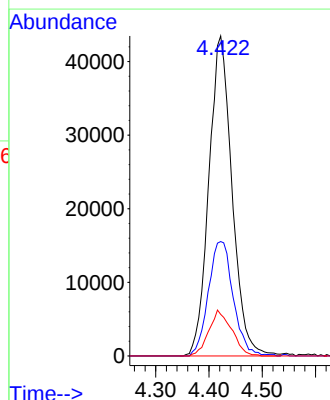
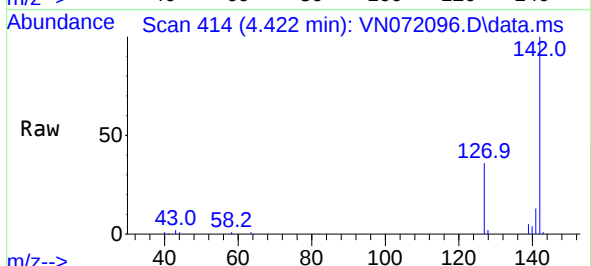
Instrument :  
MSVOA\_N  
ClientSampleId :

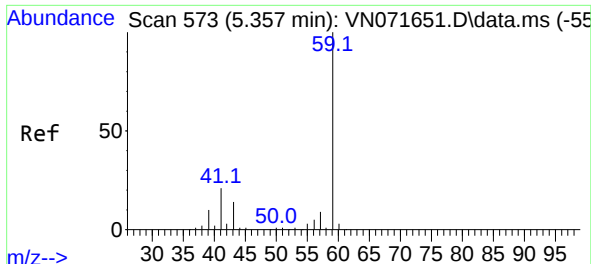
Tgt Ion:101 Resp: 95213  
Ion Ratio Lower Upper  
101 100  
85 41.2 34.7 52.1  
151 80.9 63.0 94.4



#10  
Methyl Iodide  
Concen: 20.890 ug/l  
RT: 4.422 min Scan# 414  
Delta R.T. -0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion:142 Resp: 131553  
Ion Ratio Lower Upper  
142 100  
127 38.2 31.3 46.9  
141 14.1 11.2 16.8

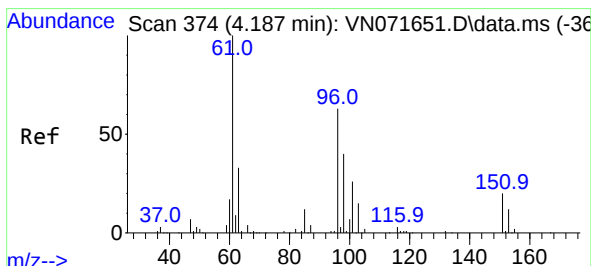
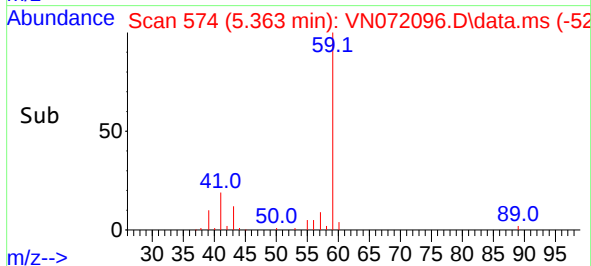
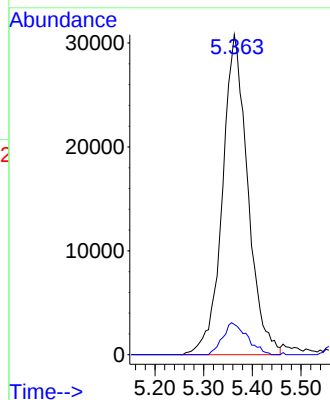
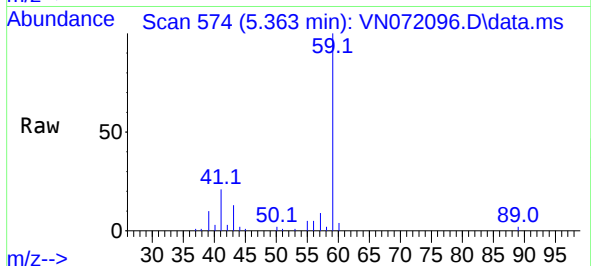




#11  
Tert butyl alcohol  
Concen: 115.946 ug/l  
RT: 5.363 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

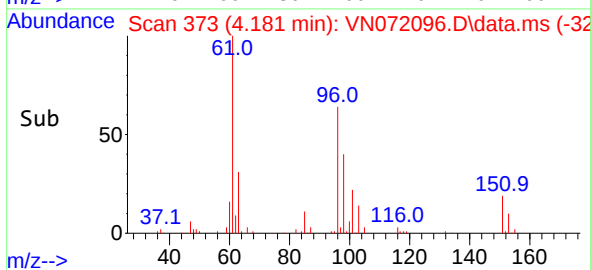
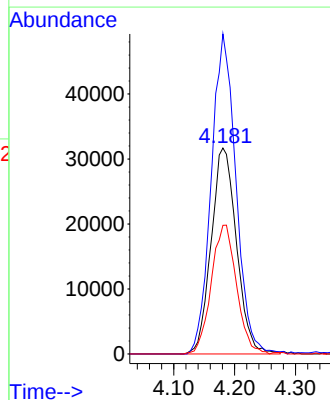
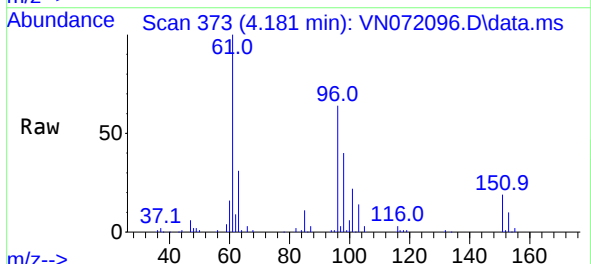
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 59 Resp: 111569  
Ion Ratio Lower Upper  
59 100  
57 9.6 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 21.390 ug/l  
RT: 4.181 min Scan# 373  
Delta R.T. -0.006 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

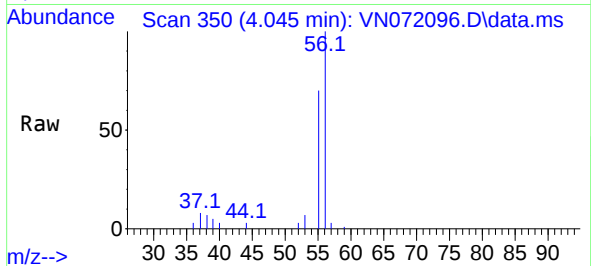
Tgt Ion: 96 Resp: 91700  
Ion Ratio Lower Upper  
96 100  
61 155.4 127.6 191.4  
98 62.5 51.2 76.8



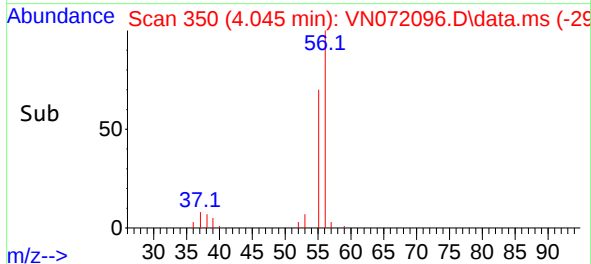
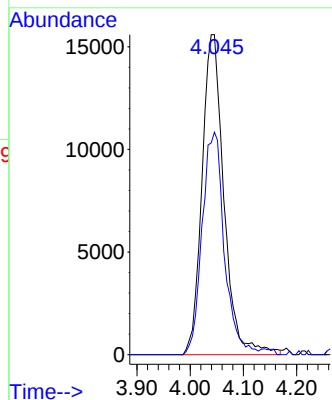


#13  
Acrolein  
Concen: 38.006 ug/l  
RT: 4.045 min Scan# 349  
Delta R.T. 0.005 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Instrument :  
MSVOA\_N  
ClientSampleId :

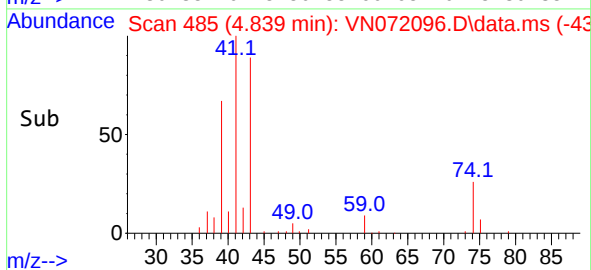
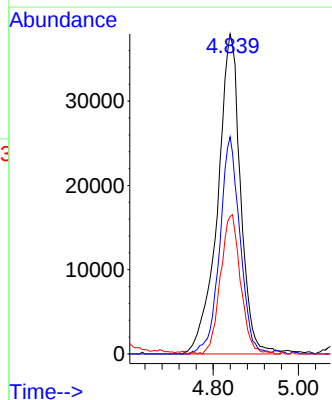
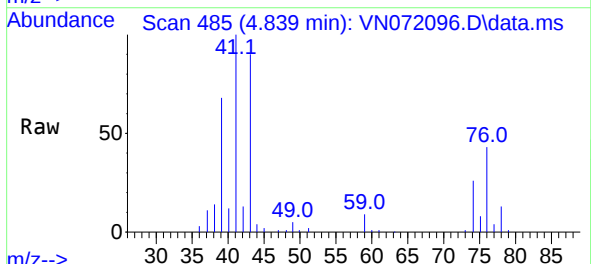


Tgt Ion: 56 Resp: 44591  
Ion Ratio Lower Upper  
56 100  
55 70.2 54.8 82.2



#14  
Allyl chloride  
Concen: 20.346 ug/l  
RT: 4.839 min Scan# 485  
Delta R.T. -0.001 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

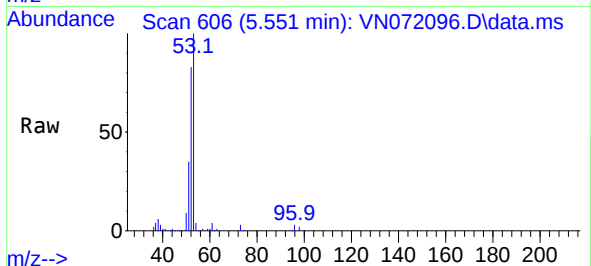
Tgt Ion: 41 Resp: 141572  
Ion Ratio Lower Upper  
41 100  
39 60.1 53.2 79.8  
76 38.2 29.9 44.9



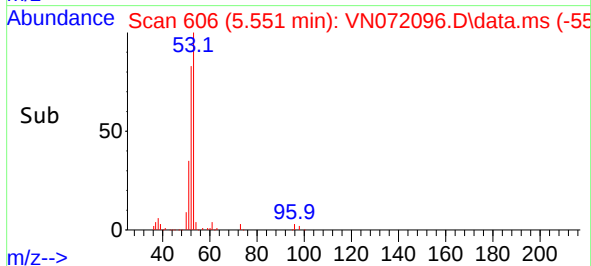
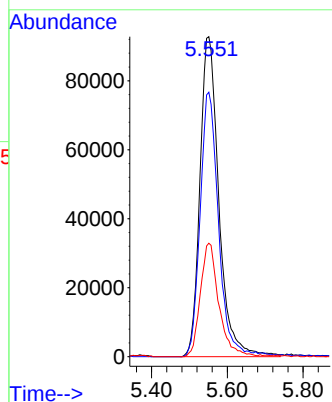


#15  
Acrylonitrile  
Concen: 115.048 ug/l  
RT: 5.551 min Scan# 605  
Delta R.T. 0.005 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Instrument :  
MSVOA\_N  
ClientSampleId :

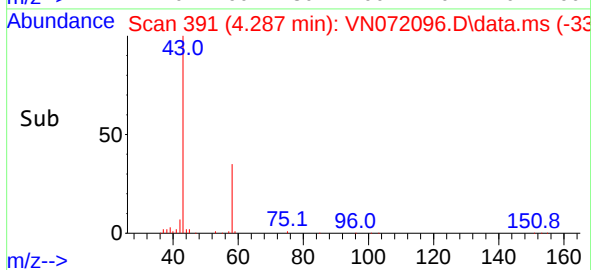
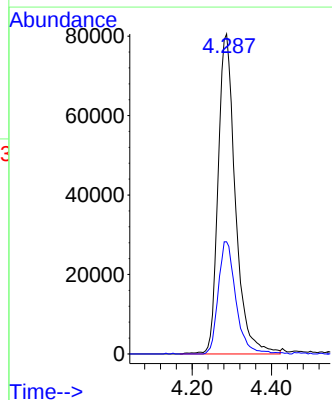
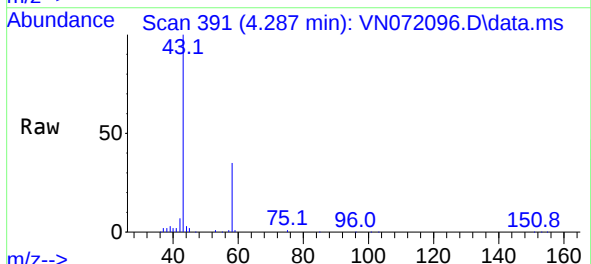


Tgt Ion: 53 Resp: 321784  
Ion Ratio Lower Upper  
53 100  
52 79.8 66.4 99.6  
51 34.6 28.5 42.7



#16  
Acetone  
Concen: 96.029 ug/l  
RT: 4.287 min Scan# 391  
Delta R.T. 0.012 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion: 43 Resp: 243340  
Ion Ratio Lower Upper  
43 100  
58 35.1 26.0 39.0

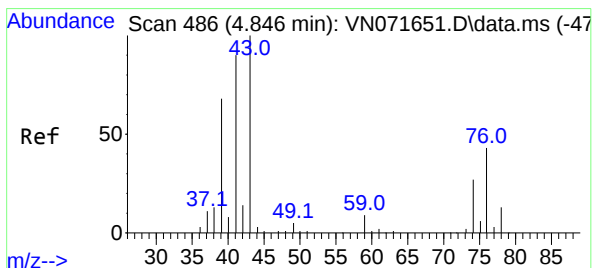
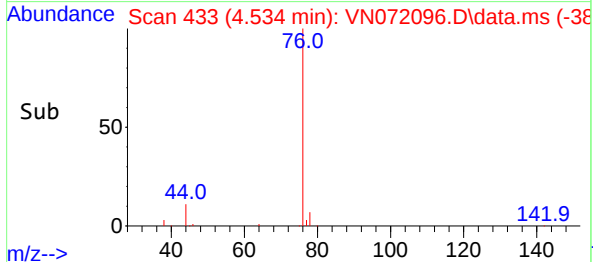
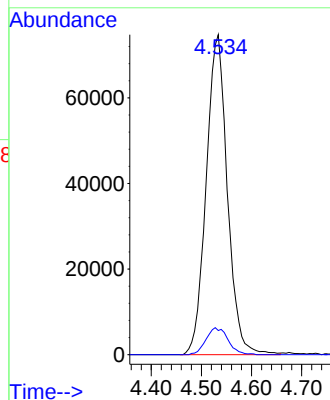
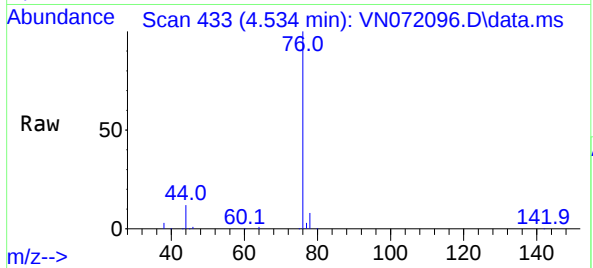




#17  
Carbon Disulfide  
Concen: 22.319 ug/l  
RT: 4.534 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

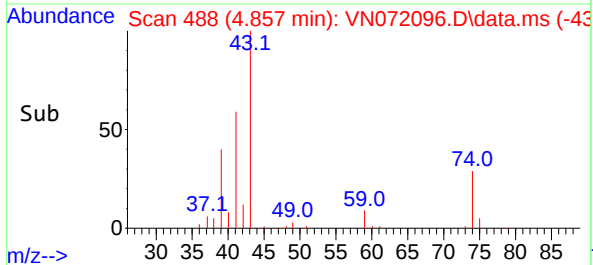
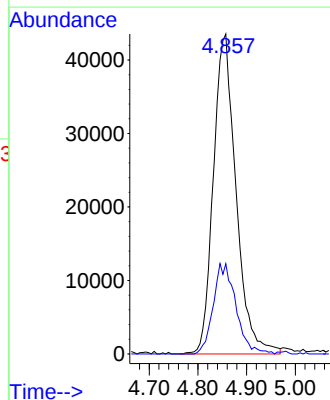
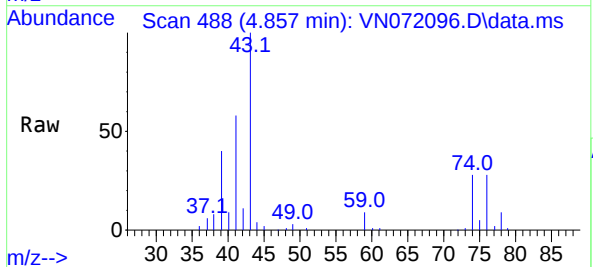
Instrument :  
MSVOA\_N  
ClientSampleId :

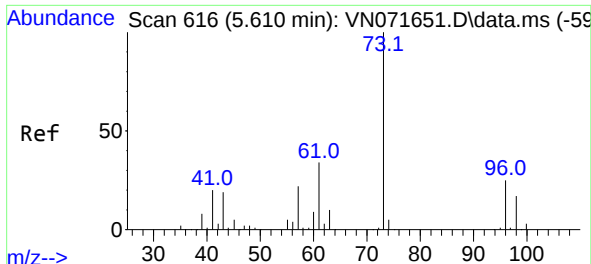
Tgt Ion: 76 Resp: 219538  
Ion Ratio Lower Upper  
76 100  
78 7.6 7.2 10.8



#18  
Methyl Acetate  
Concen: 21.567 ug/l  
RT: 4.857 min Scan# 488  
Delta R.T. 0.011 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion: 43 Resp: 140739  
Ion Ratio Lower Upper  
43 100  
74 28.3 21.6 32.4

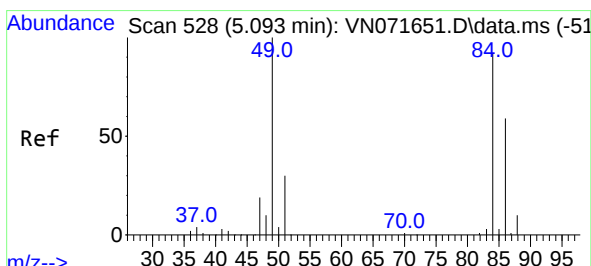
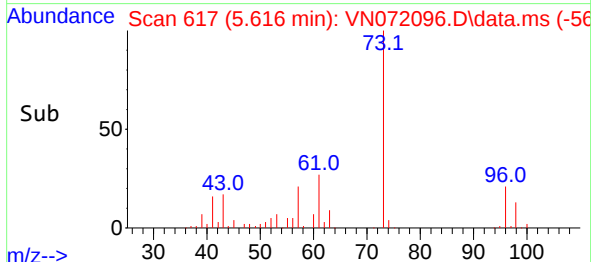
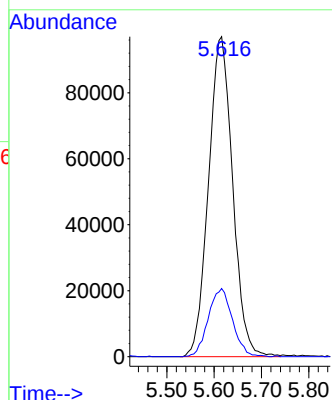
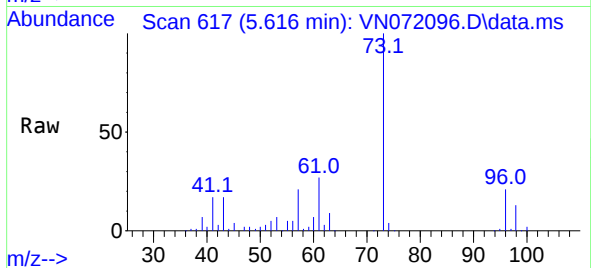




#19  
Methyl tert-butyl Ether  
Concen: 21.581 ug/l  
RT: 5.616 min Scan# 616  
Delta R.T. 0.006 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

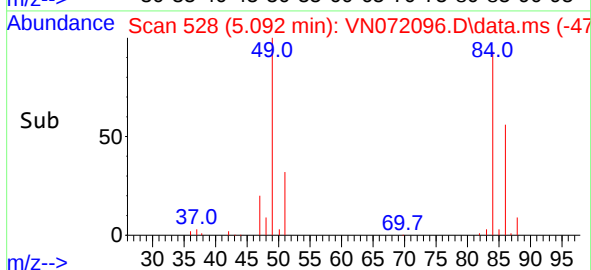
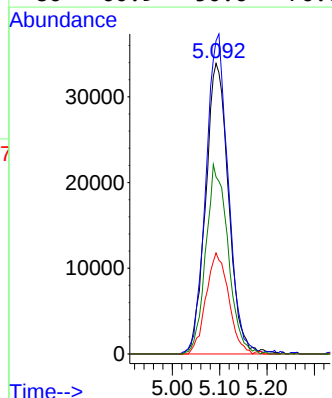
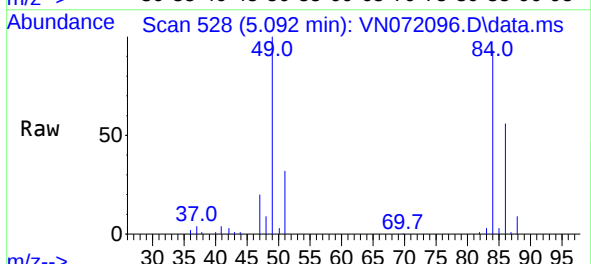
Instrument :  
MSVOA\_N  
ClientSampleId :

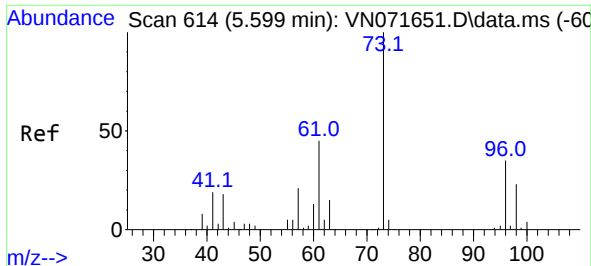
Tgt Ion: 73 Resp: 343710  
Ion Ratio Lower Upper  
73 100  
57 21.3 17.6 26.4



#20  
Methylene Chloride  
Concen: 21.393 ug/l  
RT: 5.092 min Scan# 528  
Delta R.T. -0.001 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

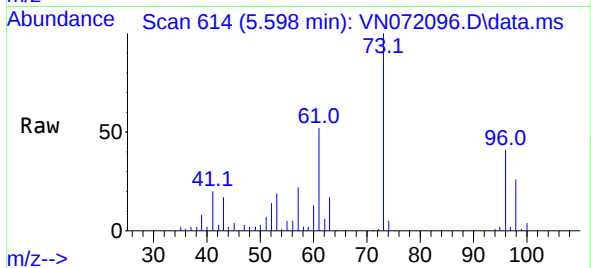
Tgt Ion: 84 Resp: 114263  
Ion Ratio Lower Upper  
84 100  
49 107.8 88.3 132.5  
51 34.8 28.2 42.2  
86 60.9 50.6 76.0



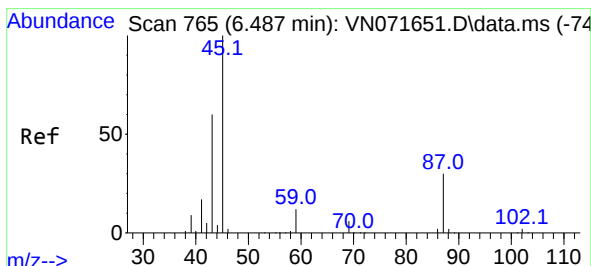
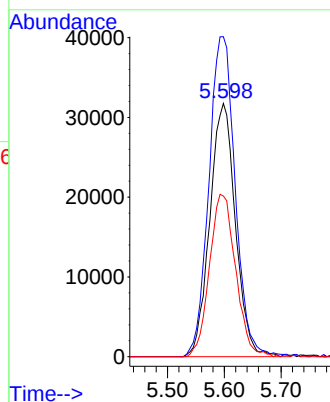
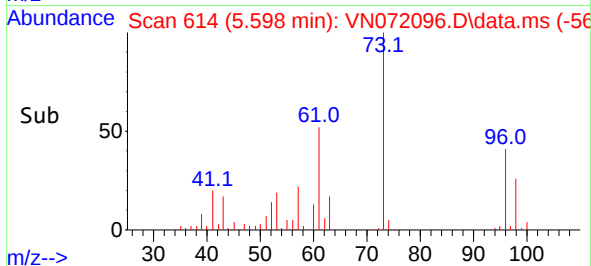


#21  
trans-1,2-Dichloroethene  
Concen: 21.125 ug/l  
RT: 5.598 min Scan# 614  
Delta R.T. -0.001 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Instrument :  
MSVOA\_N  
ClientSampleId :

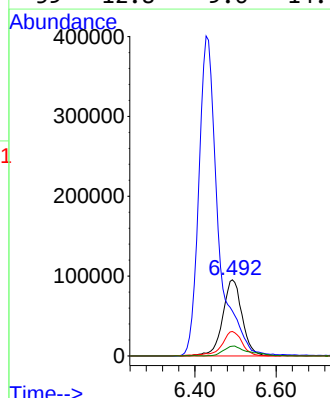
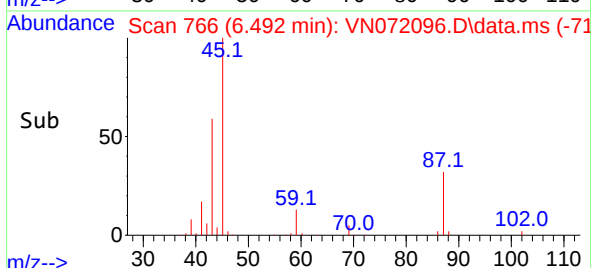
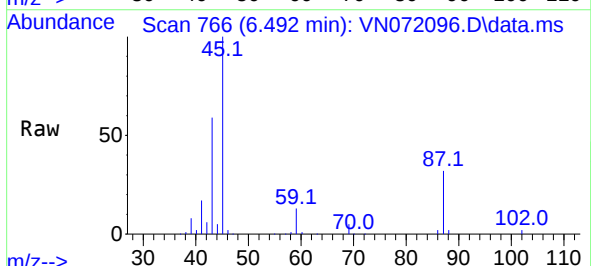


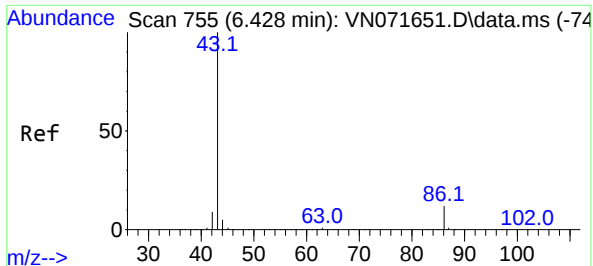
Tgt Ion: 96 Resp: 99419  
Ion Ratio Lower Upper  
96 100  
61 126.3 105.8 158.8  
98 63.4 50.3 75.5



#22  
Diisopropyl ether  
Concen: 20.971 ug/l  
RT: 6.492 min Scan# 766  
Delta R.T. 0.005 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion: 45 Resp: 317666  
Ion Ratio Lower Upper  
45 100  
43 58.5 46.6 70.0  
87 32.2 24.3 36.5  
59 12.8 9.6 14.4

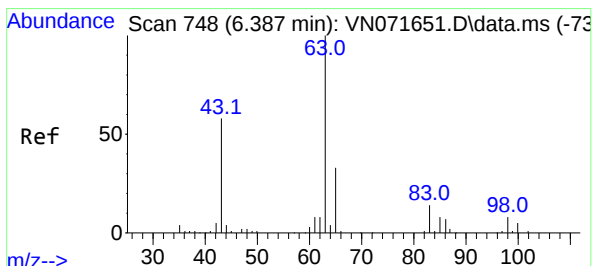
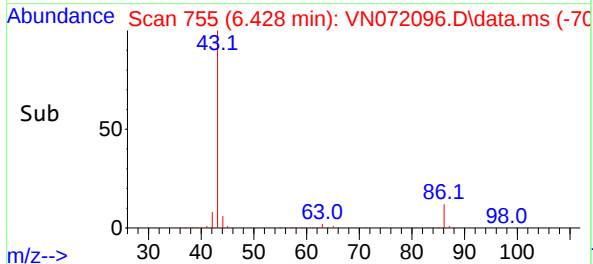
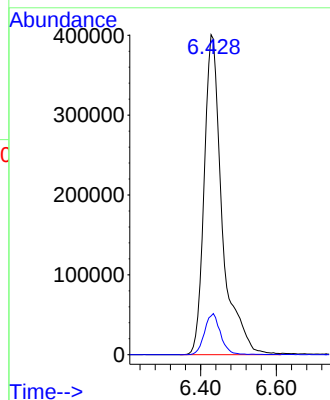
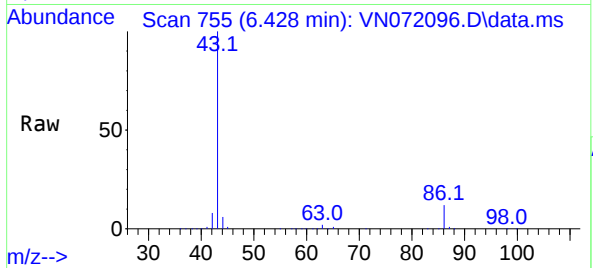




#23  
 Vinyl Acetate  
 Concen: 109.613 ug/l  
 RT: 6.428 min Scan# 716  
 Delta R.T. -0.000 min  
 Lab File: VN072096.D  
 Acq: 20 Apr 2022 23:29

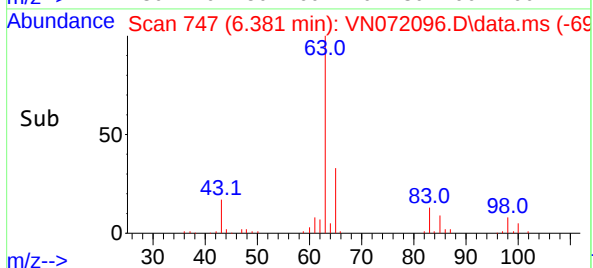
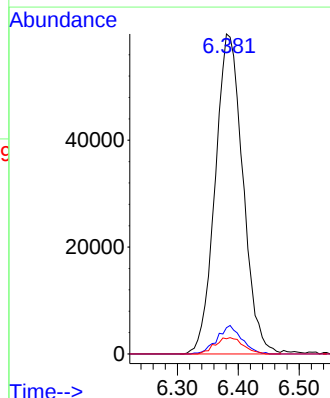
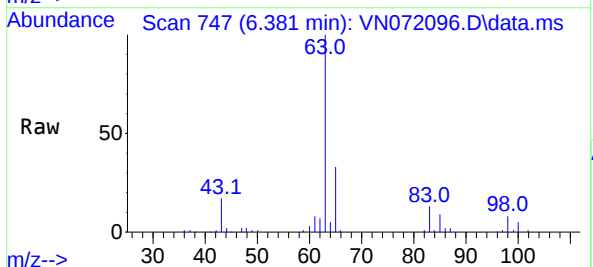
Instrument :  
 MSVOA\_N  
 ClientSampleId :

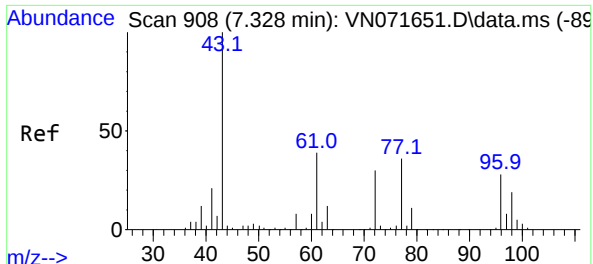
Tgt Ion: 43 Resp: 1320414  
 Ion Ratio Lower Upper  
 43 100  
 86 12.1 10.0 15.0



#24  
 1,1-Dichloroethane  
 Concen: 21.235 ug/l  
 RT: 6.381 min Scan# 747  
 Delta R.T. -0.006 min  
 Lab File: VN072096.D  
 Acq: 20 Apr 2022 23:29

Tgt Ion: 63 Resp: 188837  
 Ion Ratio Lower Upper  
 63 100  
 98 8.2 3.5 10.4  
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 107.455 ug/l

RT: 7.333 min Scan# 908

Delta R.T. 0.005 min

Lab File: VN072096.D

Acq: 20 Apr 2022 23:29

Instrument :

MSVOA\_N

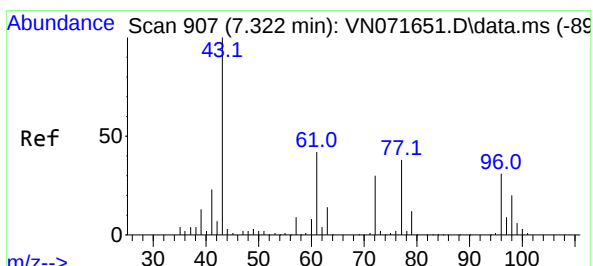
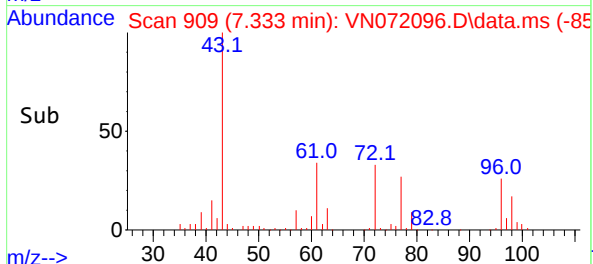
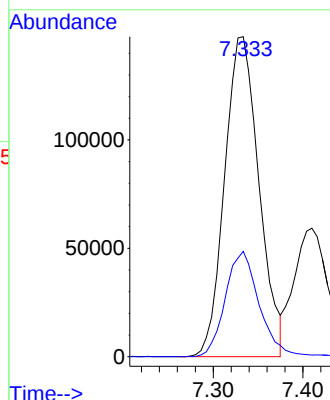
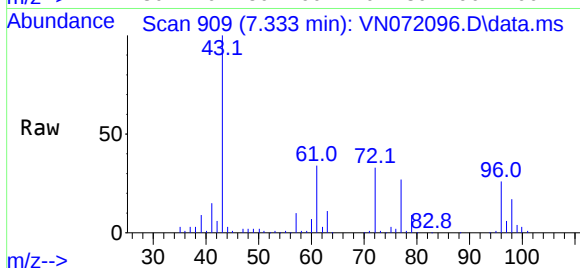
ClientSampleId :

Tgt Ion: 43 Resp: 392546

Ion Ratio Lower Upper

43 100

72 32.9 23.7 35.5



#26

2,2-Dichloropropane

Concen: 18.056 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072096.D

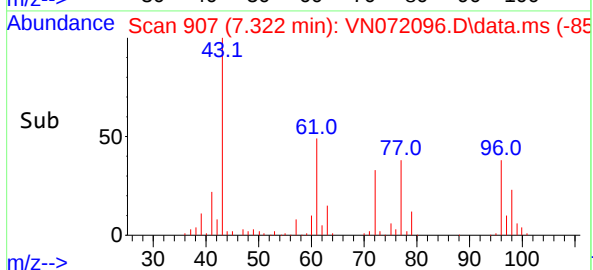
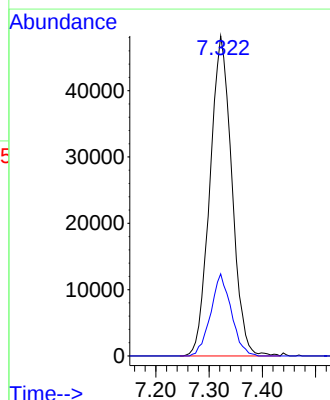
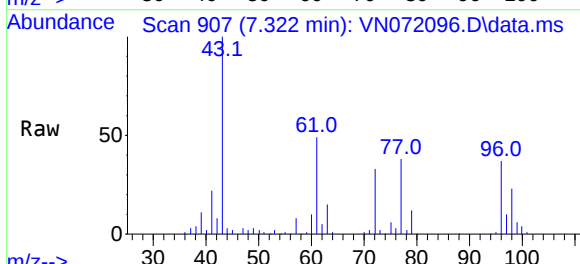
Acq: 20 Apr 2022 23:29

Tgt Ion: 77 Resp: 137935

Ion Ratio Lower Upper

77 100

97 24.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.464 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072096.D

Acq: 20 Apr 2022 23:29

Instrument :

MSVOA\_N

ClientSampleId :

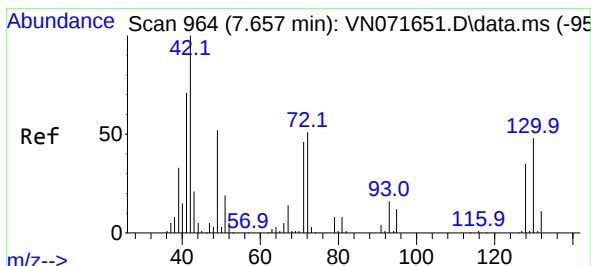
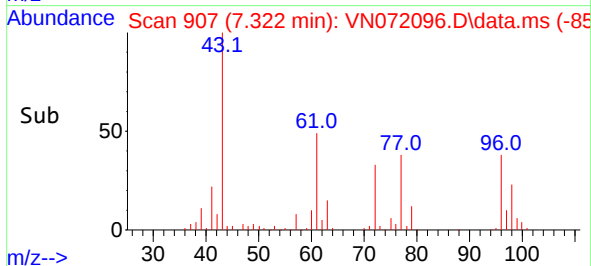
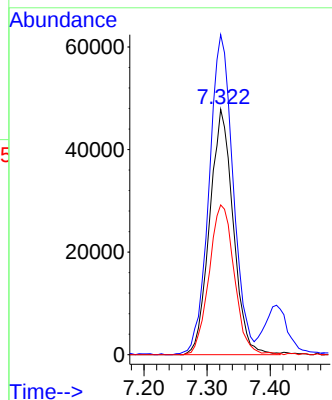
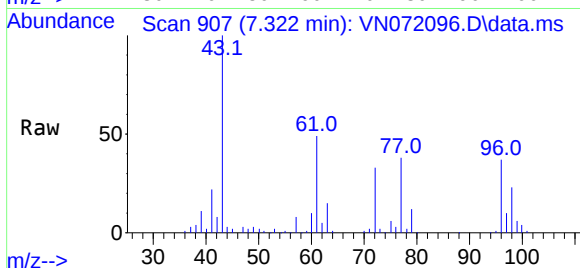
Tgt Ion: 96 Resp: 123871

Ion Ratio Lower Upper

96 100

61 133.5 0.0 280.6

98 65.1 0.0 128.4



#28

Bromochloromethane

Concen: 18.411 ug/l

RT: 7.651 min Scan# 963

Delta R.T. -0.006 min

Lab File: VN072096.D

Acq: 20 Apr 2022 23:29

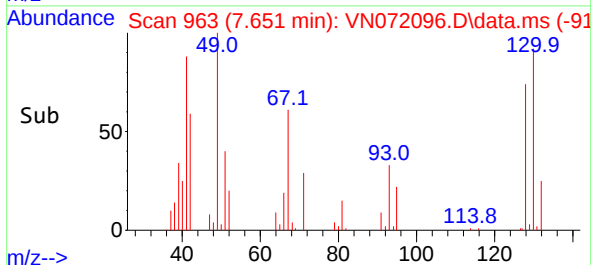
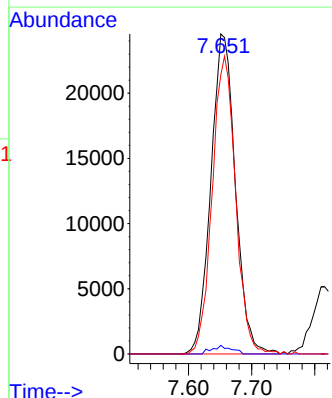
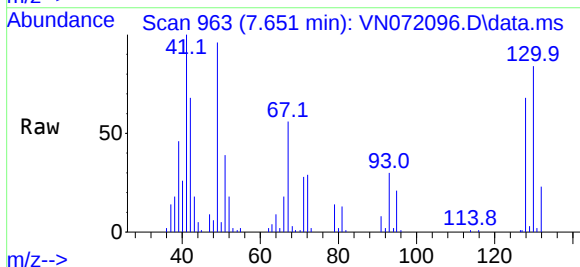
Tgt Ion: 49 Resp: 66047

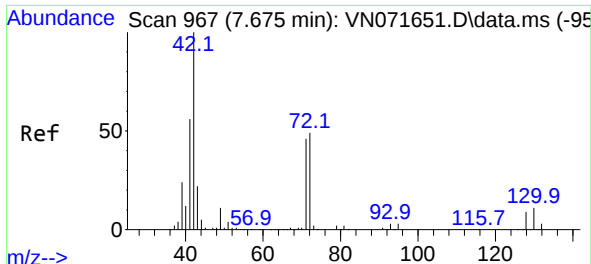
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 88.9 69.7 104.5





#29

Tetrahydrofuran

Concen: 111.917 ug/l

RT: 7.680 min Scan# 90

Delta R.T. 0.005 min

Lab File: VN072096.D

Acq: 20 Apr 2022 23:29

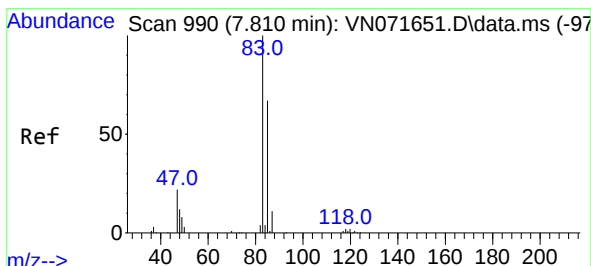
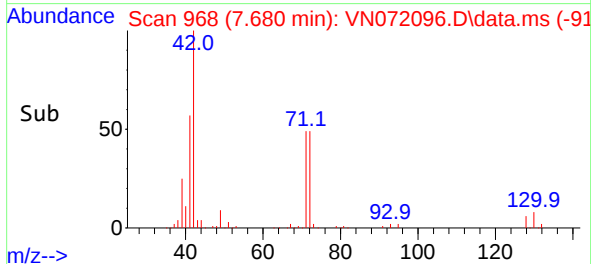
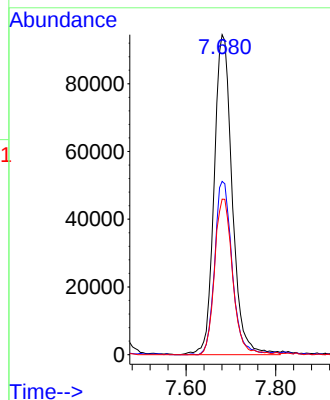
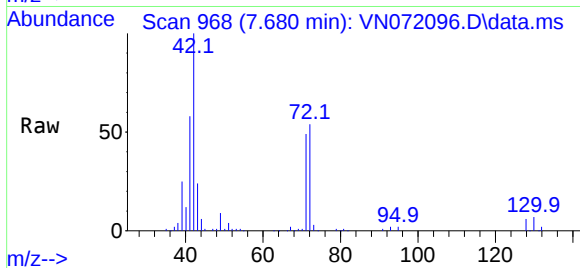
Instrument :

MSVOA\_N

ClientSampleId :

Tgt Ion: 42 Resp: 264734

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 51.8  | 39.7  | 59.5  |
| 71  | 48.3  | 36.6  | 55.0  |



#30

Chloroform

Concen: 20.942 ug/l

RT: 7.816 min Scan# 991

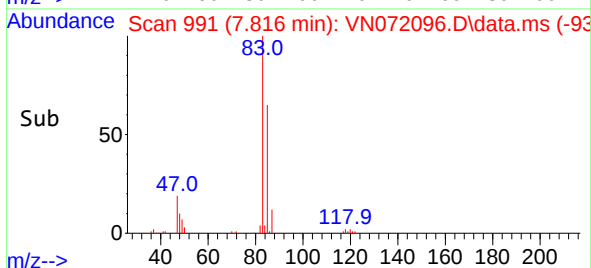
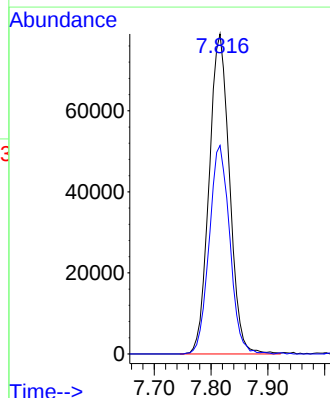
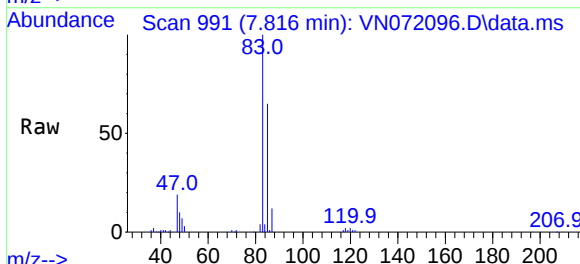
Delta R.T. 0.006 min

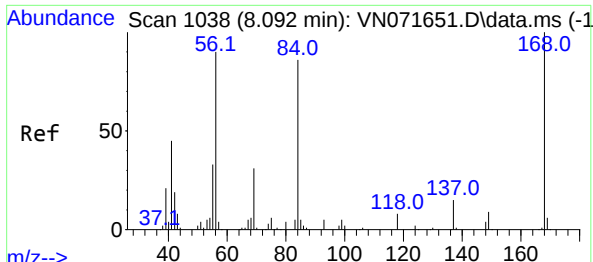
Lab File: VN072096.D

Acq: 20 Apr 2022 23:29

Tgt Ion: 83 Resp: 196647

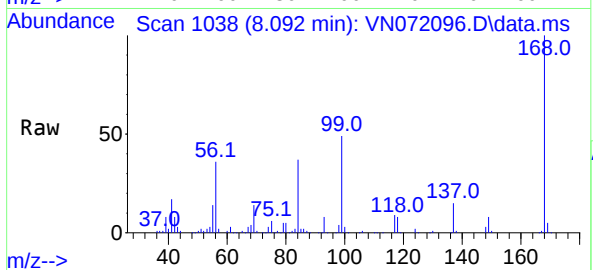
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.2  | 51.8  | 77.8  |



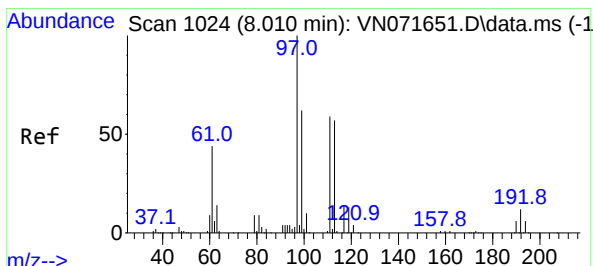
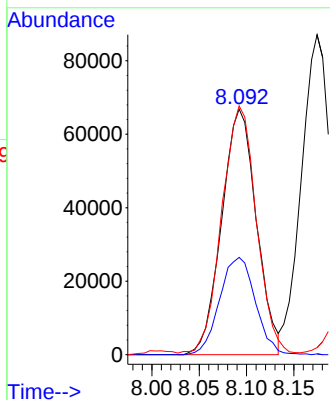
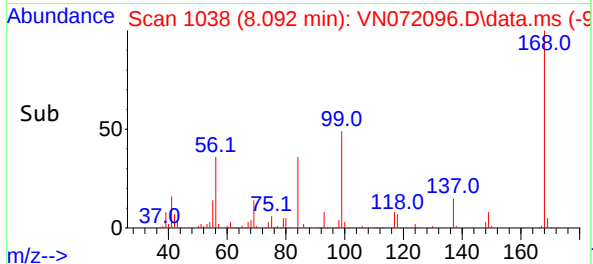


#31  
Cyclohexane  
Concen: 21.128 ug/l  
RT: 8.092 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

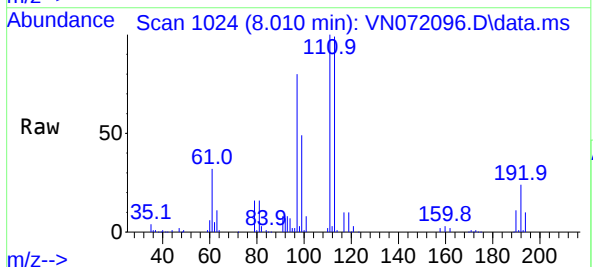
Instrument :  
MSVOA\_N  
ClientSampleId :



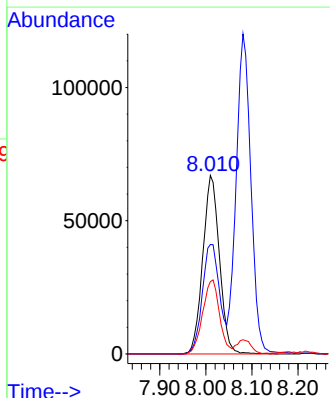
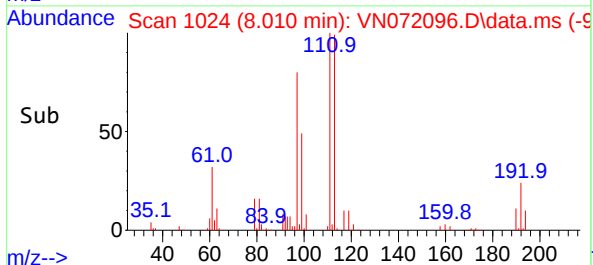
Tgt Ion: 56 Resp: 170371  
Ion Ratio Lower Upper  
56 100  
69 39.6 27.8 41.8  
84 100.6 76.9 115.3

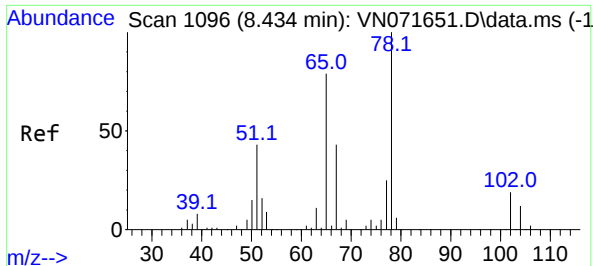


#32  
1,1,1-Trichloroethane  
Concen: 21.032 ug/l  
RT: 8.010 min Scan# 1024  
Delta R.T. -0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29



Tgt Ion: 97 Resp: 168948  
Ion Ratio Lower Upper  
97 100  
99 64.2 50.6 76.0  
61 42.0 36.0 54.0

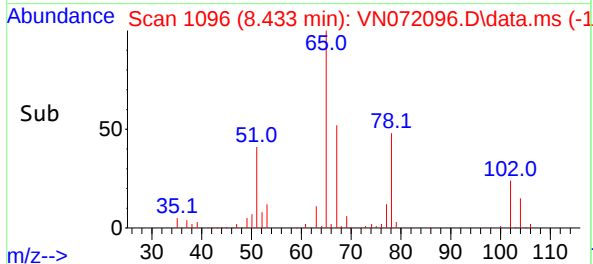
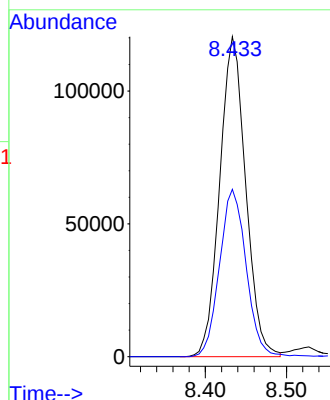
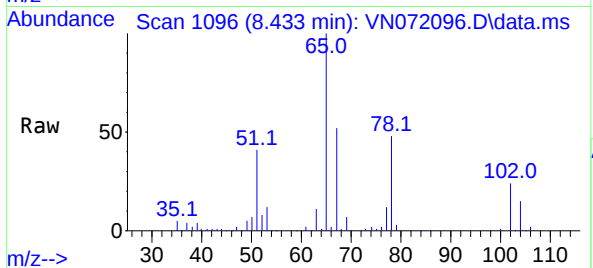




#33  
1,2-Dichloroethane-d4  
Concen: 45.182 ug/l  
RT: 8.433 min Scan# 1096  
Delta R.T. -0.001 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

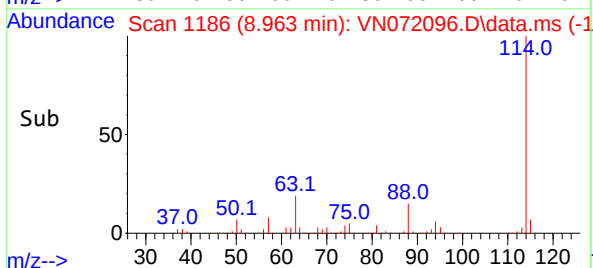
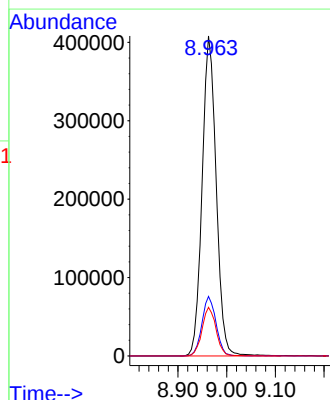
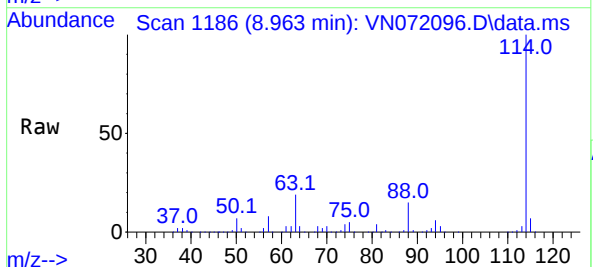
Instrument :  
MSVOA\_N  
ClientSampleId :

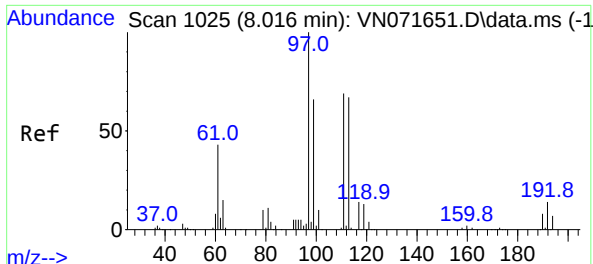
Tgt Ion: 65 Resp: 267903  
Ion Ratio Lower Upper  
65 100  
67 53.9 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

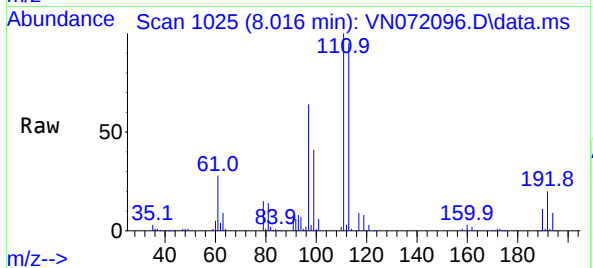
Tgt Ion:114 Resp: 820640  
Ion Ratio Lower Upper  
114 100  
63 18.6 0.0 40.0  
88 15.2 0.0 32.6



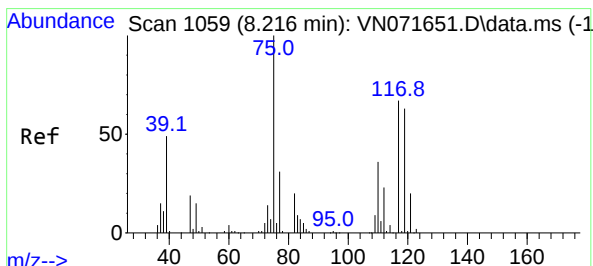
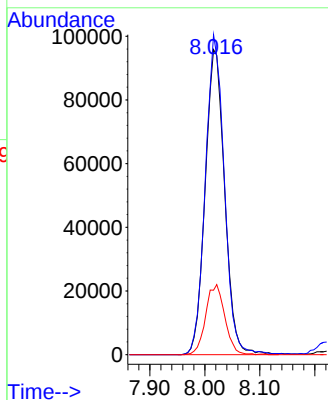
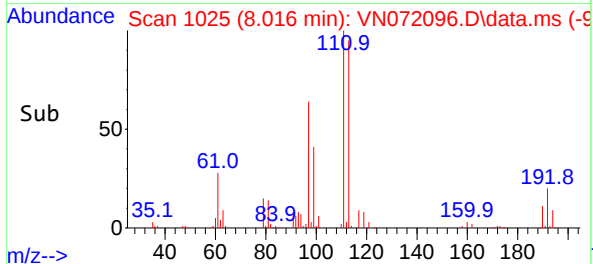


#35  
Dibromofluoromethane  
Concen: 48.841 ug/l  
RT: 8.016 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

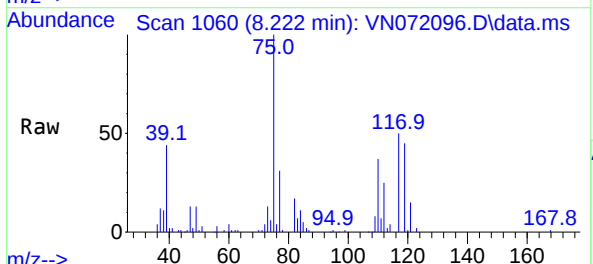
Instrument :  
MSVOA\_N  
ClientSampleId :



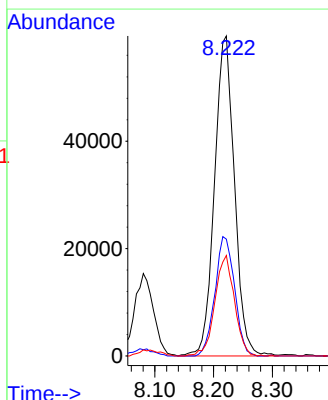
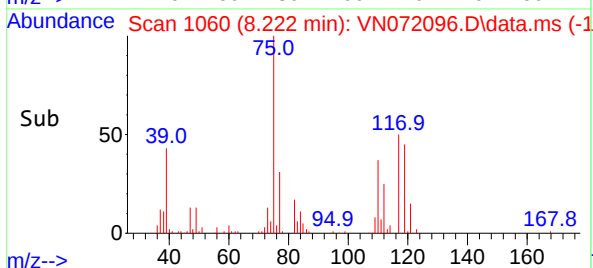
Tgt Ion:113 Resp: 235855  
Ion Ratio Lower Upper  
113 100  
111 102.3 81.4 122.0  
192 22.6 17.0 25.6

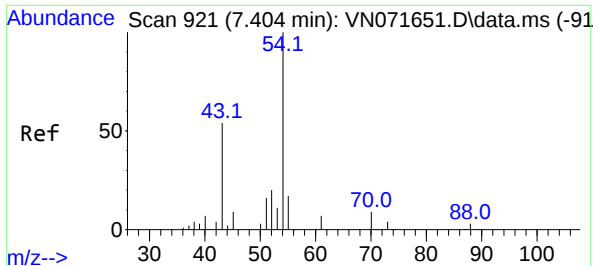


#36  
1,1-Dichloropropene  
Concen: 20.875 ug/l  
RT: 8.222 min Scan# 1060  
Delta R.T. 0.006 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29



Tgt Ion: 75 Resp: 140770  
Ion Ratio Lower Upper  
75 100  
110 36.6 18.3 54.8  
77 30.8 25.1 37.7

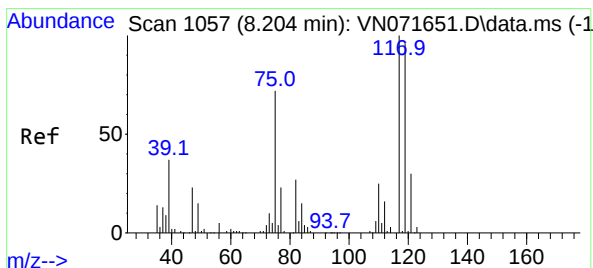
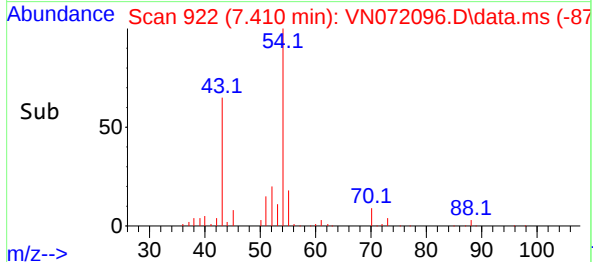
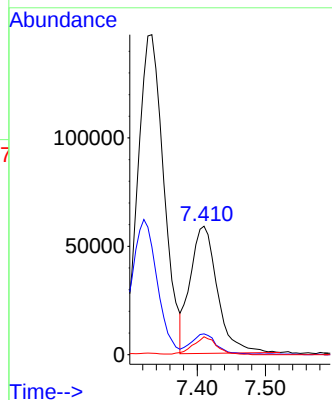
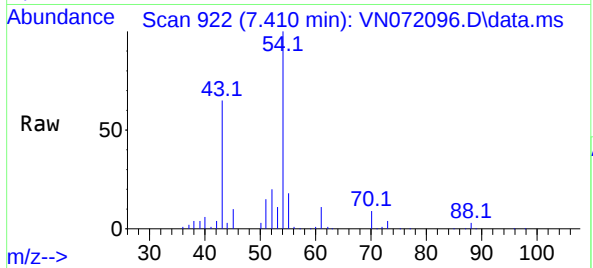




#37  
Ethyl Acetate  
Concen: 22.012 ug/l  
RT: 7.410 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

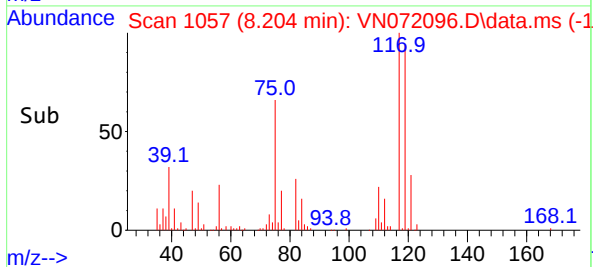
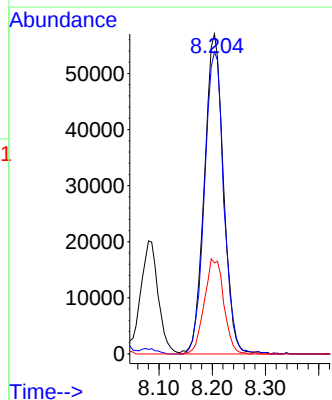
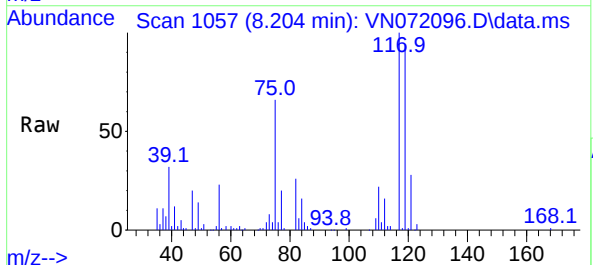
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 43 Resp: 162474  
Ion Ratio Lower Upper  
43 100  
61 15.0 11.8 17.6  
70 12.3 9.3 13.9



#38  
Carbon Tetrachloride  
Concen: 21.507 ug/l  
RT: 8.204 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion: 117 Resp: 142143  
Ion Ratio Lower Upper  
117 100  
119 94.4 75.8 113.8  
121 28.5 24.6 37.0





#39

Methylcyclohexane

Concen: 21.365 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN072096.D

Acq: 20 Apr 2022 23:29

Instrument :

MSVOA\_N

ClientSampleId :

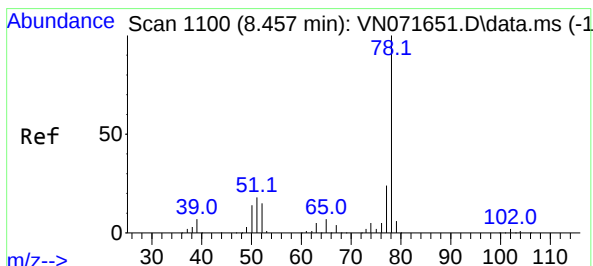
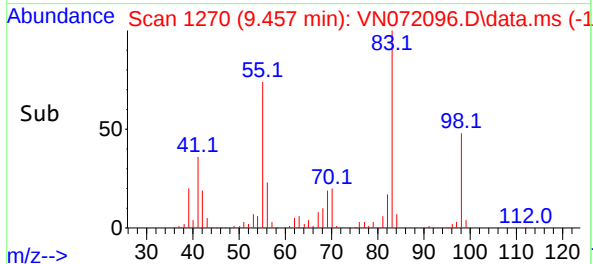
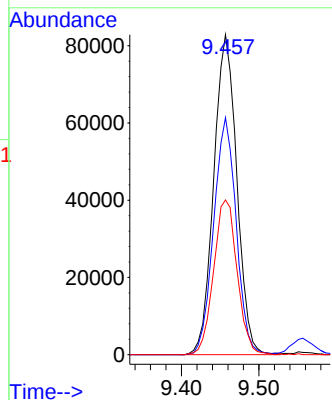
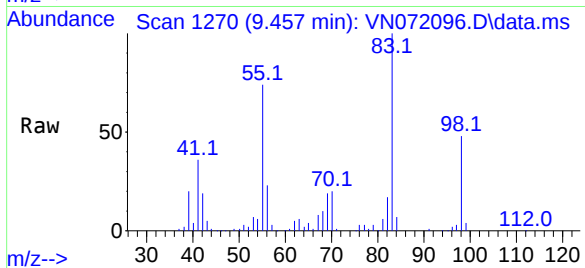
Tgt Ion: 83 Resp: 171506

Ion Ratio Lower Upper

83 100

55 74.0 57.8 86.8

98 48.3 39.4 59.2



#40

Benzene

Concen: 21.544 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072096.D

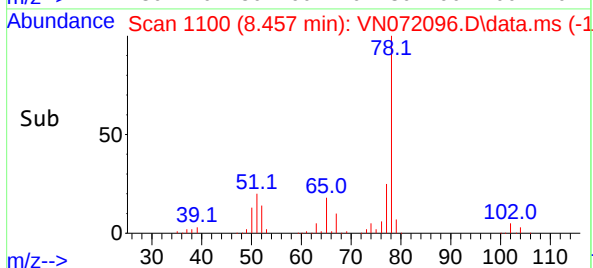
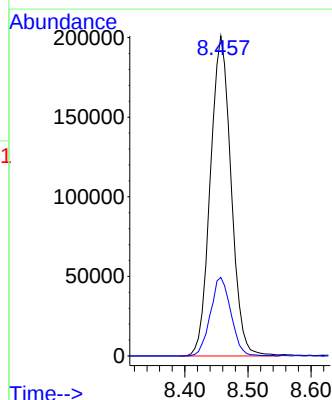
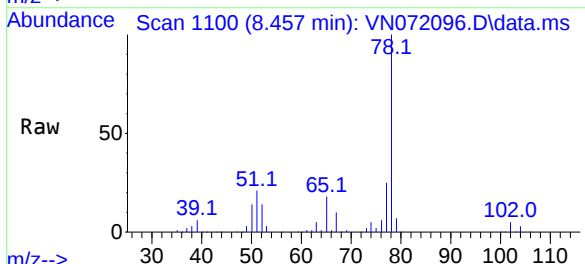
Acq: 20 Apr 2022 23:29

Tgt Ion: 78 Resp: 458944

Ion Ratio Lower Upper

78 100

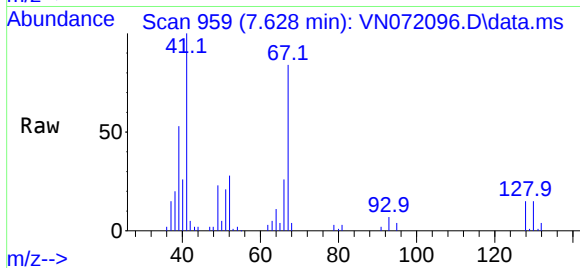
77 24.5 19.4 29.0





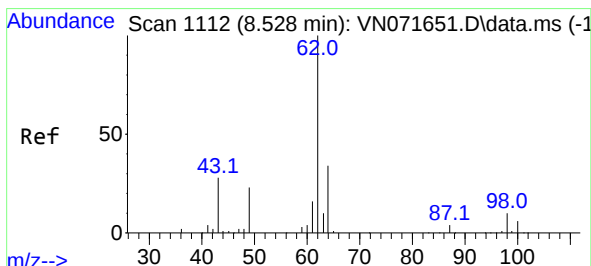
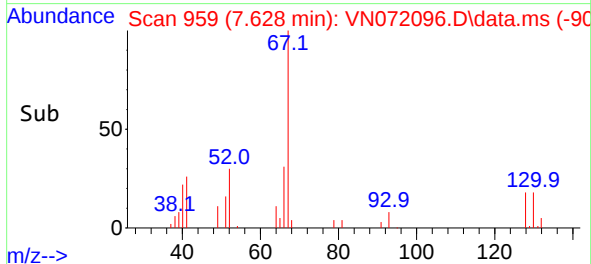
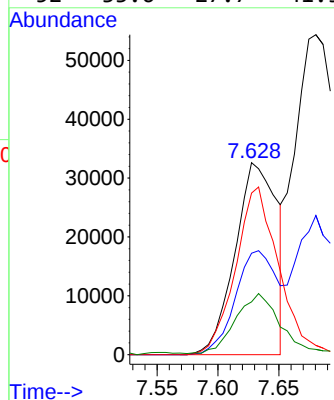
#41  
Methacrylonitrile  
Concen: 21.521 ug/l  
RT: 7.628 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 41 Resp: 77778

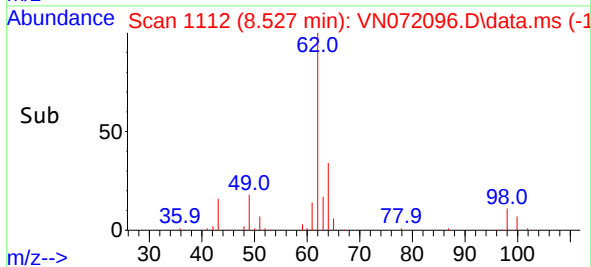
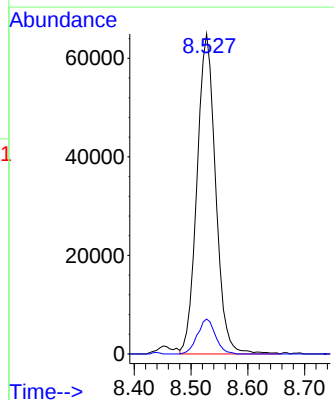
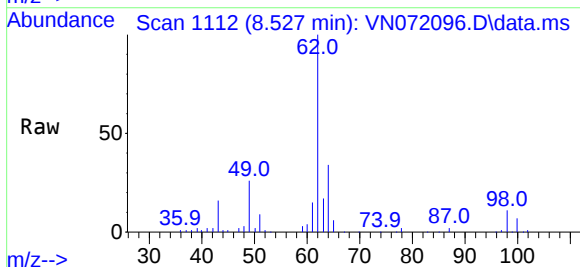
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 53.0  | 48.6  | 73.0  |
| 67  | 91.7  | 73.4  | 110.2 |
| 52  | 33.6  | 27.7  | 41.5  |



#42  
1,2-Dichloroethane  
Concen: 20.104 ug/l  
RT: 8.527 min Scan# 1112  
Delta R.T. -0.001 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion: 62 Resp: 148147

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.5  | 0.0   | 19.4  |

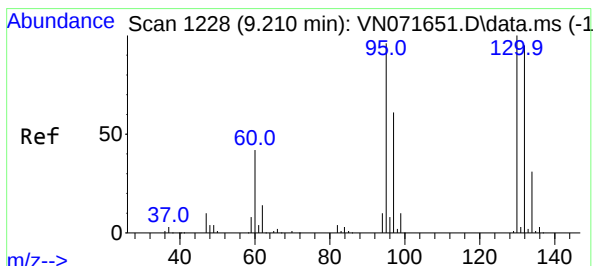
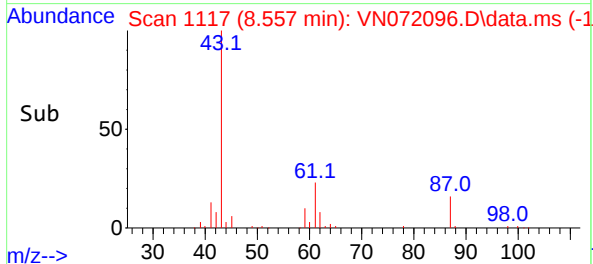
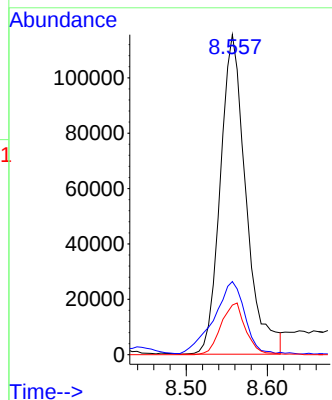
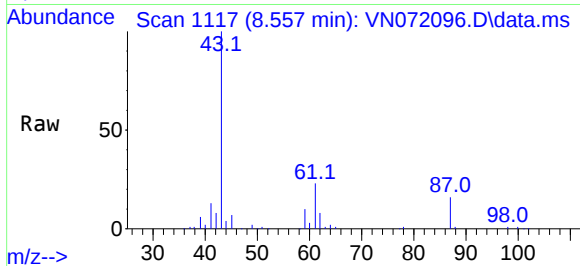




#43  
Isopropyl Acetate  
Concen: 20.653 ug/l  
RT: 8.557 min Scan# 1116  
Delta R.T. 0.006 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

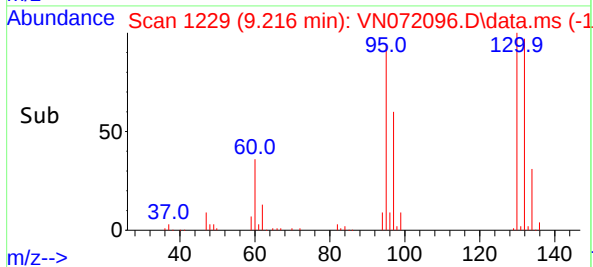
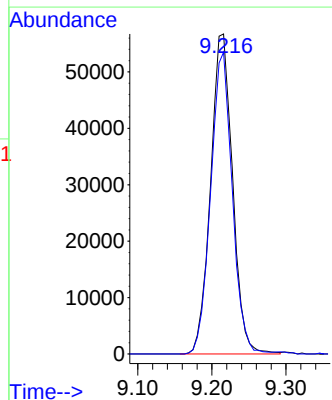
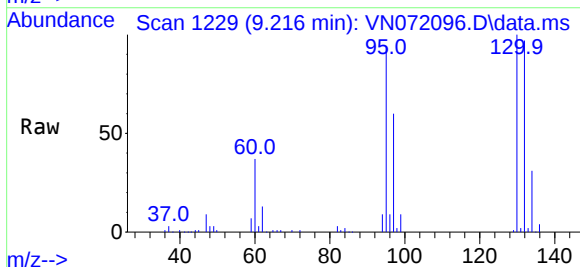
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 43 Resp: 253558  
Ion Ratio Lower Upper  
43 100  
61 27.6 21.9 32.9  
87 15.6 12.0 18.0



#44  
Trichloroethene  
Concen: 21.279 ug/l  
RT: 9.216 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion:130 Resp: 116783  
Ion Ratio Lower Upper  
130 100  
95 94.3 0.0 186.8





#45

1,2-Dichloropropane

Concen: 21.277 ug/l

RT: 9.486 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072096.D

Acq: 20 Apr 2022 23:29

Instrument :

MSVOA\_N

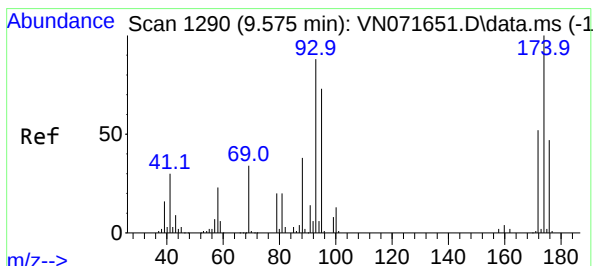
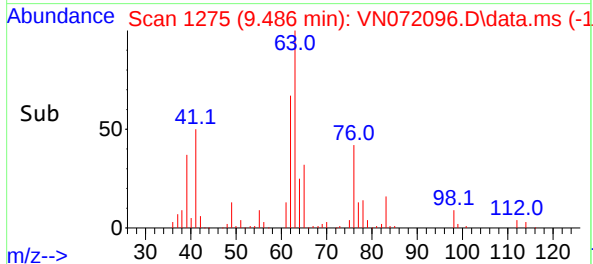
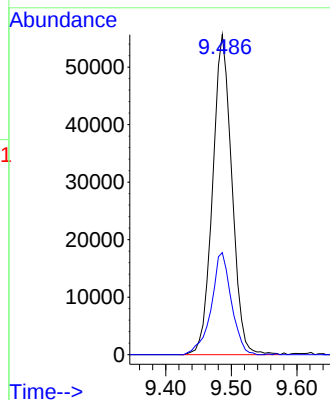
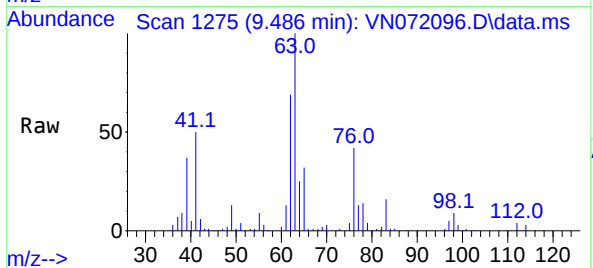
ClientSampleId :

Tgt Ion: 63 Resp: 113232

Ion Ratio Lower Upper

63 100

65 31.9 24.9 37.3



#46

Dibromomethane

Concen: 20.977 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. -0.001 min

Lab File: VN072096.D

Acq: 20 Apr 2022 23:29

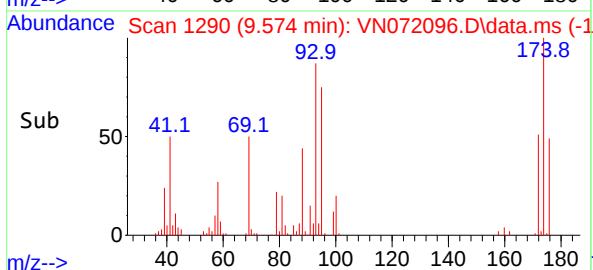
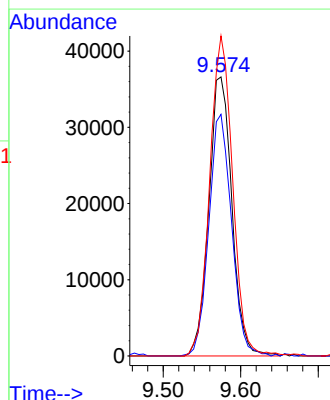
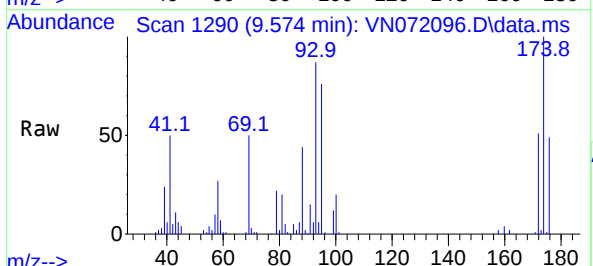
Tgt Ion: 93 Resp: 75795

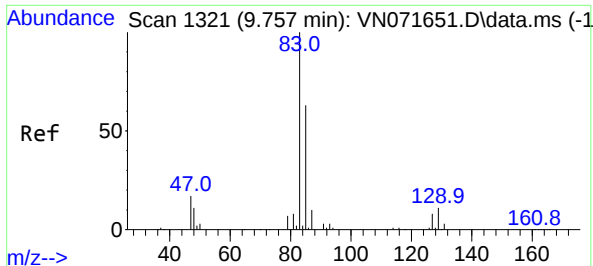
Ion Ratio Lower Upper

93 100

95 85.3 66.9 100.3

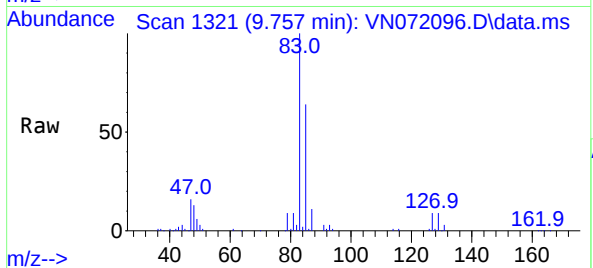
174 114.1 86.6 130.0



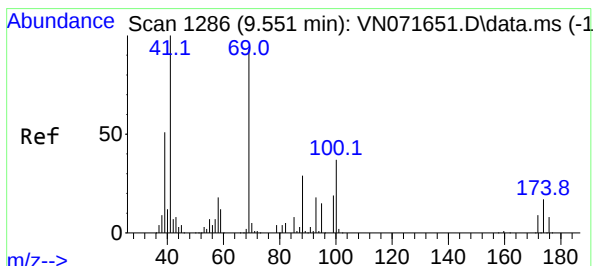
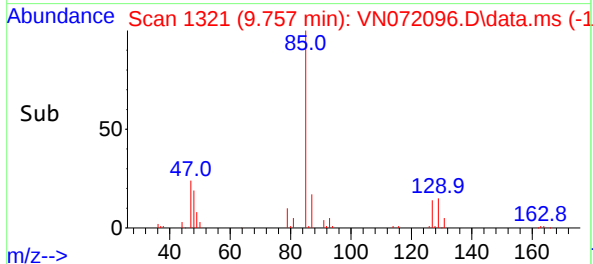
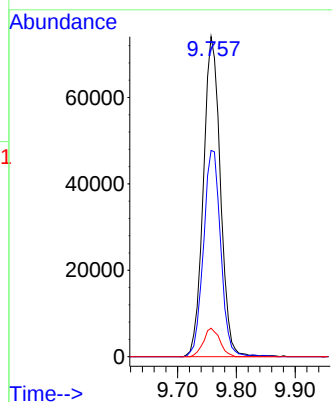


#47  
Bromodichloromethane  
Concen: 21.016 ug/l  
RT: 9.757 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Instrument :  
MSVOA\_N  
ClientSampleId :

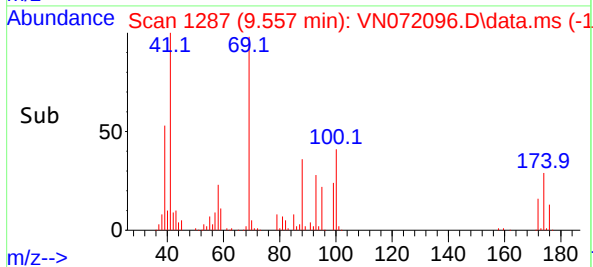
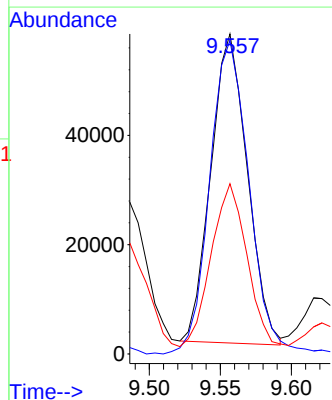
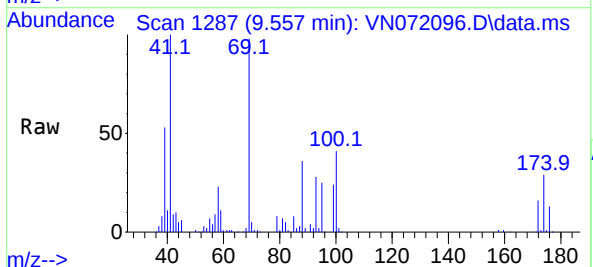


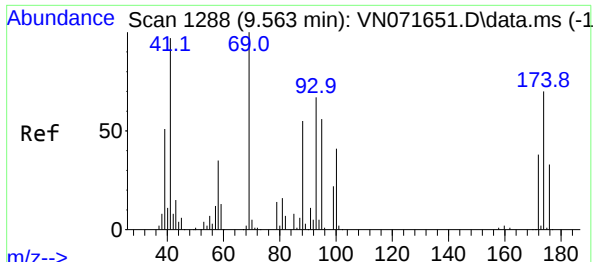
Tgt Ion: 83 Resp: 149479  
Ion Ratio Lower Upper  
83 100  
85 64.4 50.5 75.7  
127 8.9 6.8 10.2



#48  
Methyl methacrylate  
Concen: 19.792 ug/l  
RT: 9.557 min Scan# 1287  
Delta R.T. 0.006 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

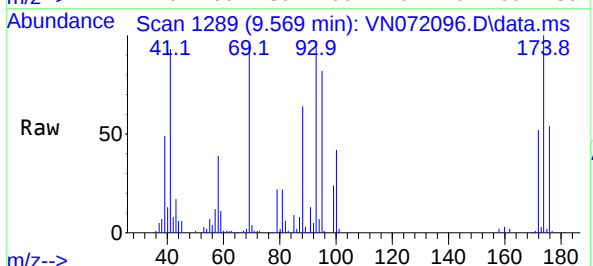
Tgt Ion: 41 Resp: 100807  
Ion Ratio Lower Upper  
41 100  
69 109.9 74.7 112.1  
39 57.1 45.6 68.4



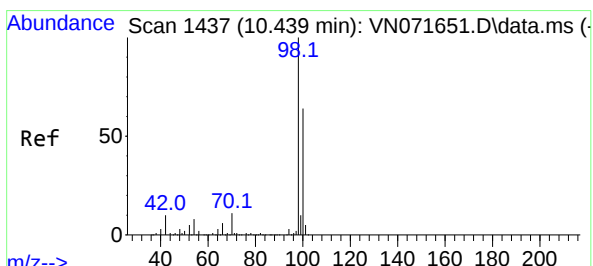
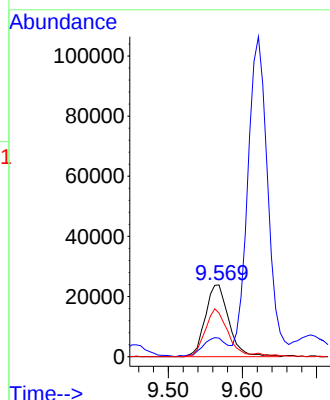
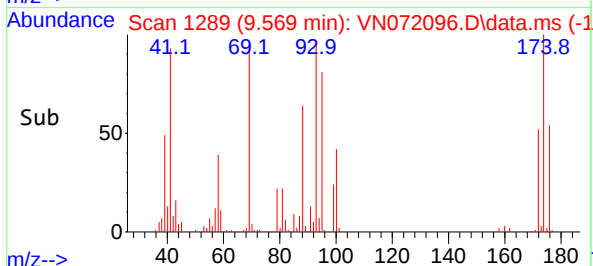


#49  
1,4-Dioxane  
Concen: 426.434 ug/l  
RT: 9.569 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Instrument :  
MSVOA\_N  
ClientSampleId :

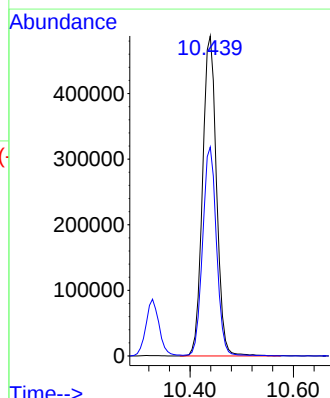
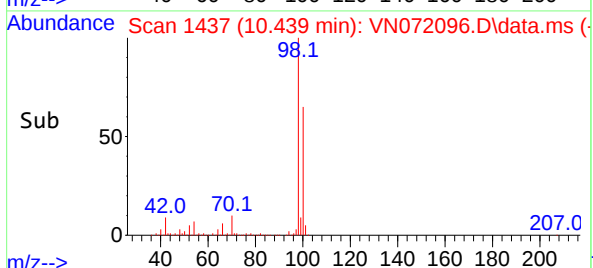
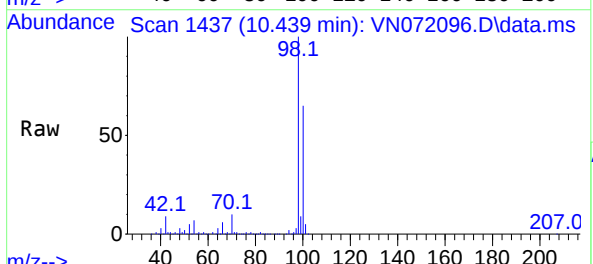


Tgt Ion: 88 Resp: 52486  
Ion Ratio Lower Upper  
88 100  
43 28.2 20.2 30.4  
58 63.2 54.2 81.4



#50  
Toluene-d8  
Concen: 46.251 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion: 98 Resp: 913657  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 110.459 ug/l

RT: 10.327 min Scan# 1417

Delta R.T. 0.005 min

Lab File: VN072096.D

Acq: 20 Apr 2022 23:29

Instrument :

MSVOA\_N

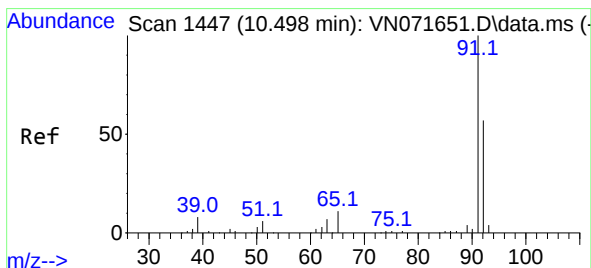
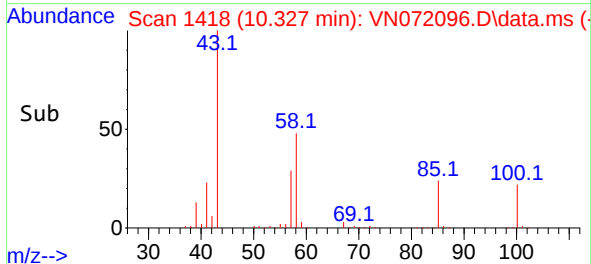
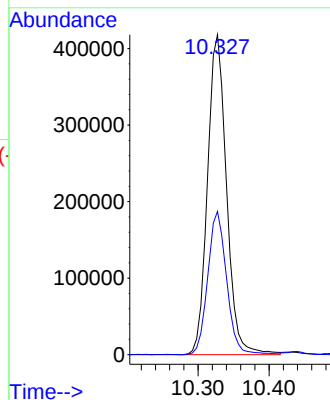
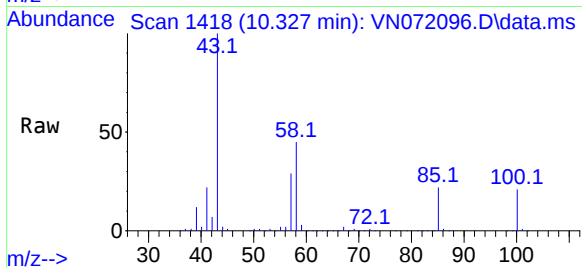
ClientSampleId :

Tgt Ion: 43 Resp: 779676

Ion Ratio Lower Upper

43 100

58 44.3 34.1 51.1



#52

Toluene

Concen: 21.666 ug/l

RT: 10.504 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN072096.D

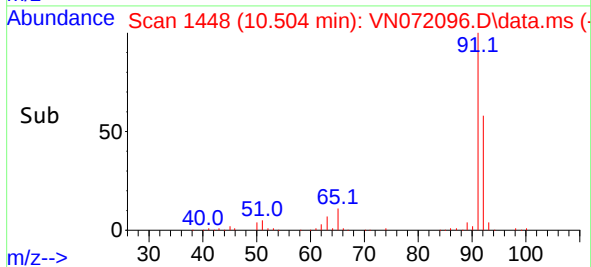
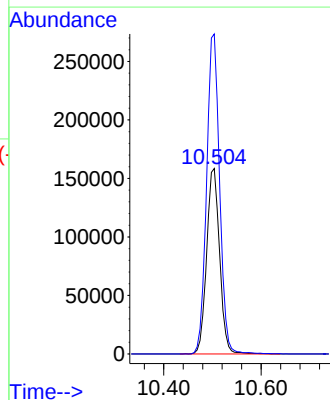
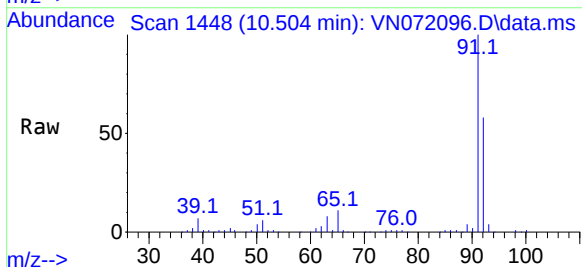
Acq: 20 Apr 2022 23:29

Tgt Ion: 92 Resp: 291751

Ion Ratio Lower Upper

92 100

91 173.2 138.6 207.8

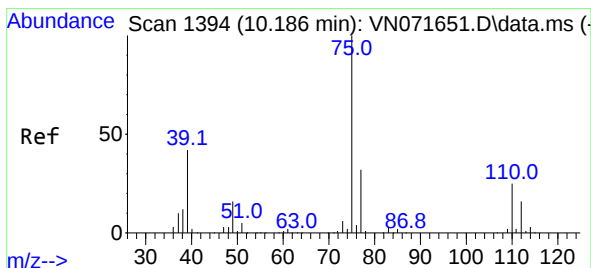
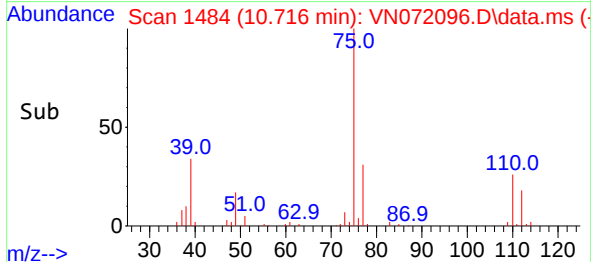
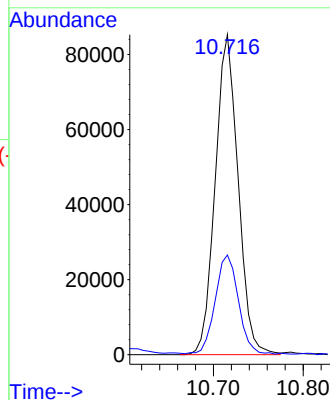
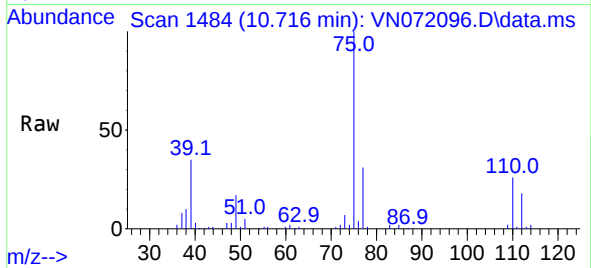




#53  
 t-1,3-Dichloropropene  
 Concen: 20.269 ug/l  
 RT: 10.716 min Scan# 1483  
 Delta R.T. 0.006 min  
 Lab File: VN072096.D  
 Acq: 20 Apr 2022 23:29

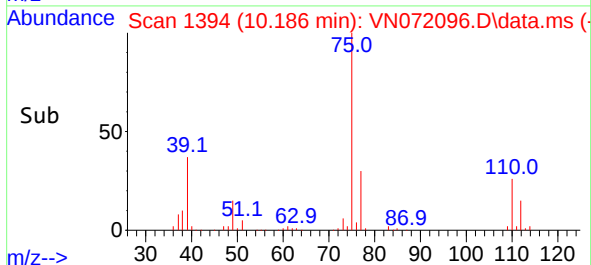
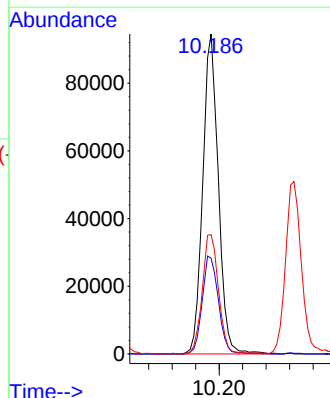
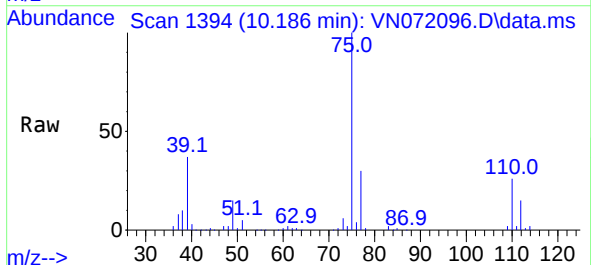
Instrument :  
 MSVOA\_N  
 ClientSampleId :

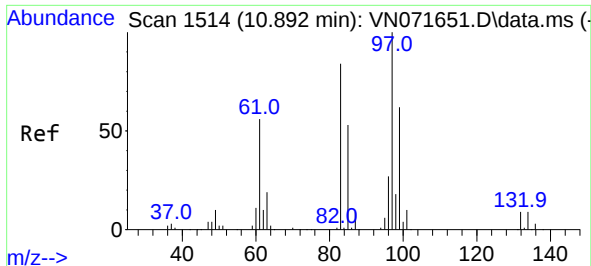
Tgt Ion: 75 Resp: 151092  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.122 ug/l  
 RT: 10.186 min Scan# 1394  
 Delta R.T. 0.000 min  
 Lab File: VN072096.D  
 Acq: 20 Apr 2022 23:29

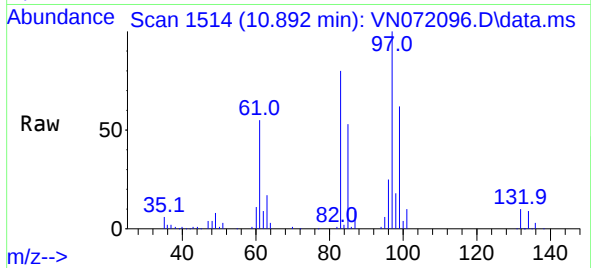
Tgt Ion: 75 Resp: 173971  
 Ion Ratio Lower Upper  
 75 100  
 77 29.9 25.2 37.8  
 39 37.3 35.7 53.5





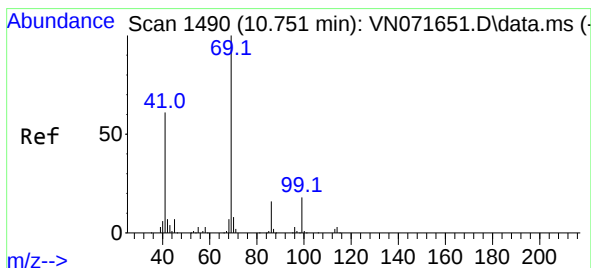
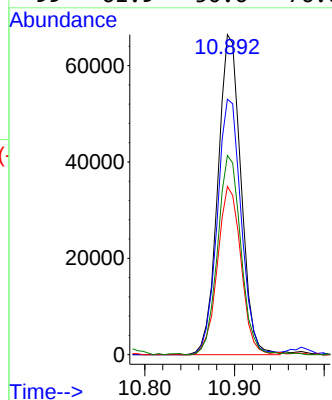
#55  
1,1,2-Trichloroethane  
Concen: 21.453 ug/l  
RT: 10.892 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 97 Resp: 118895

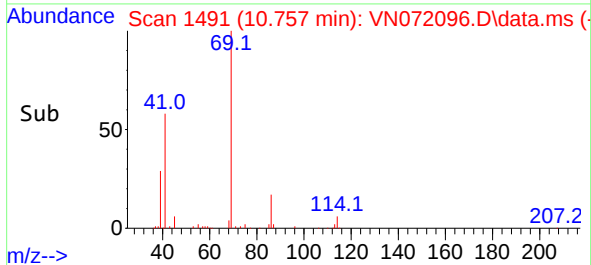
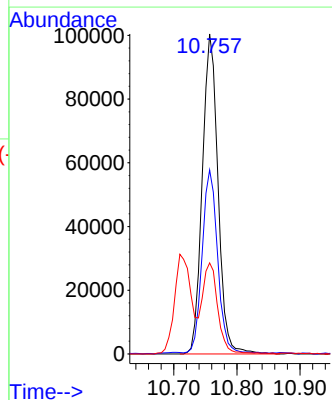
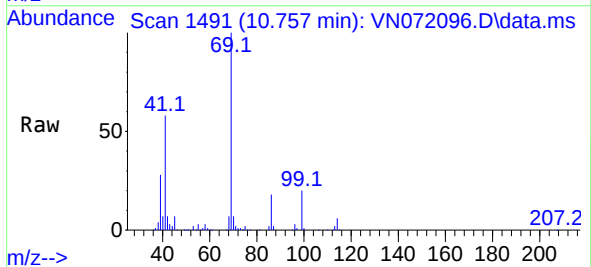
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 79.9  | 66.2  | 99.4  |
| 85  | 52.5  | 43.9  | 65.9  |
| 99  | 61.9  | 50.6  | 76.0  |

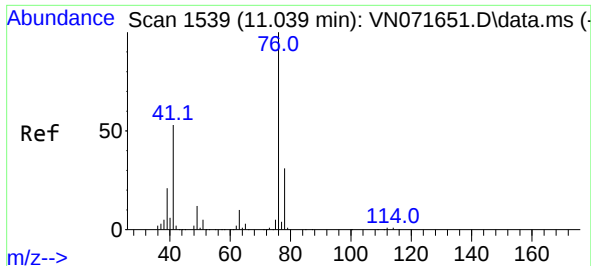


#56  
Ethyl methacrylate  
Concen: 21.963 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. 0.006 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion: 69 Resp: 173644

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 56.2  | 47.8  | 71.6  |
| 39  | 27.1  | 27.3  | 40.9# |





#57

1,3-Dichloropropane

Concen: 21.226 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072096.D

Acq: 20 Apr 2022 23:29

Instrument :

MSVOA\_N

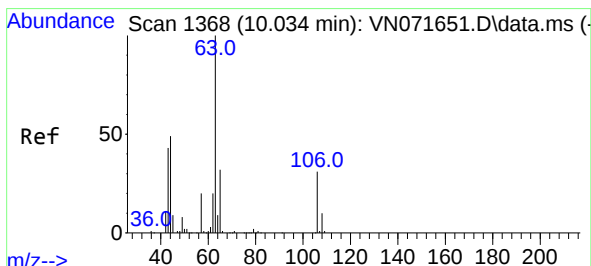
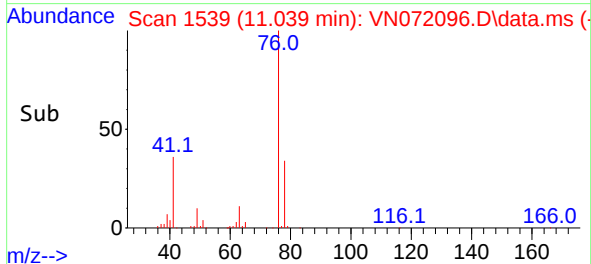
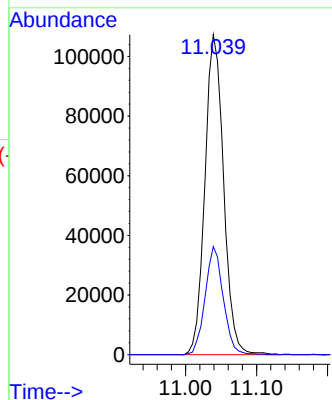
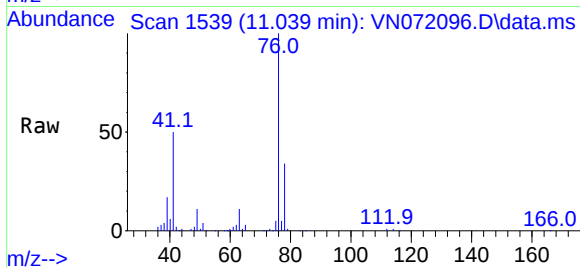
ClientSampleId :

Tgt Ion: 76 Resp: 196679

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 105.397 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.005 min

Lab File: VN072096.D

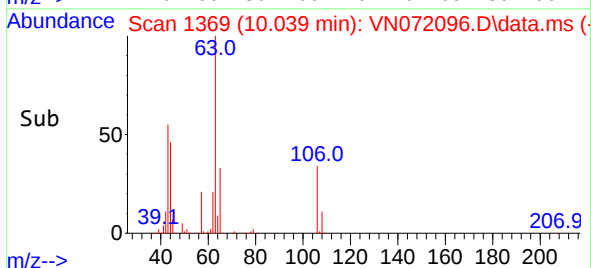
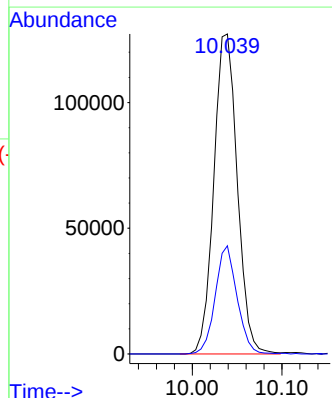
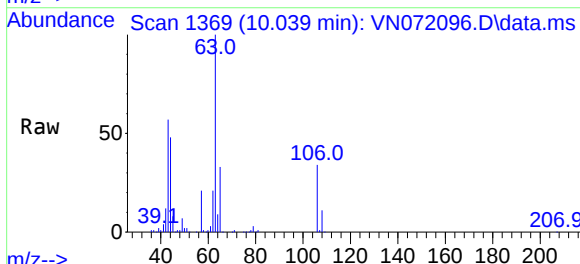
Acq: 20 Apr 2022 23:29

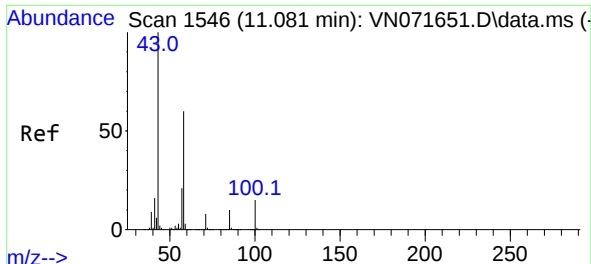
Tgt Ion: 63 Resp: 230909

Ion Ratio Lower Upper

63 100

106 31.5 24.6 36.8

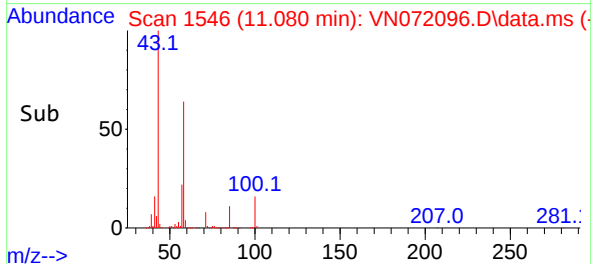
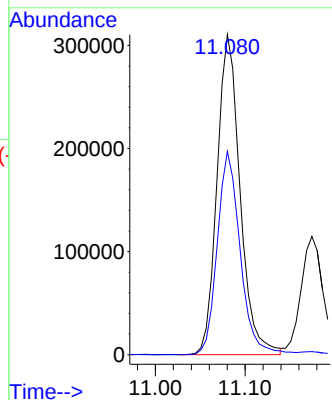
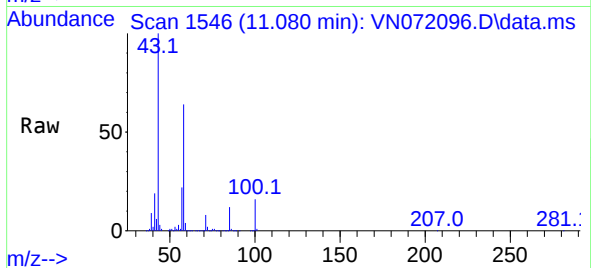




#59  
2-Hexanone  
Concen: 111.438 ug/l  
RT: 11.080 min Scan# 1546  
Delta R.T. -0.001 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

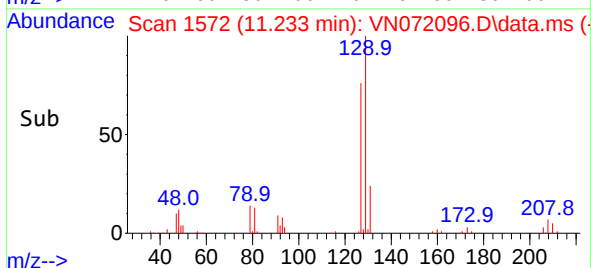
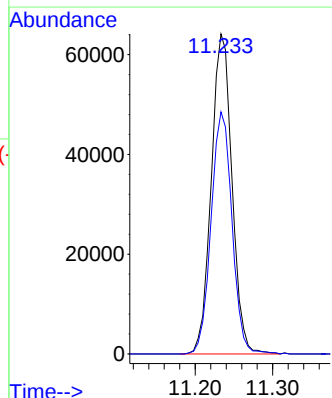
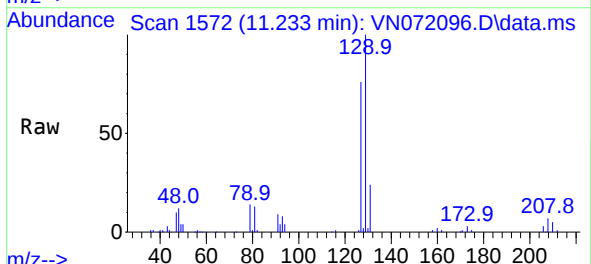
Instrument :  
MSVOA\_N  
ClientSampleId :

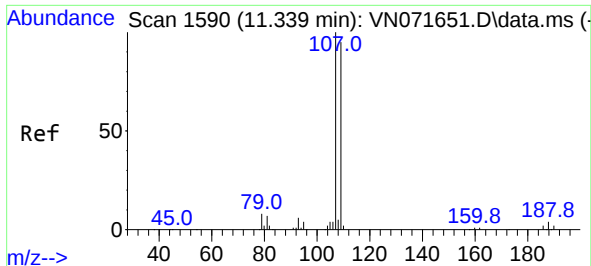
Tgt Ion: 43 Resp: 553797  
Ion Ratio Lower Upper  
43 100  
58 63.1 29.7 89.1



#60  
Dibromochloromethane  
Concen: 22.021 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion: 129 Resp: 118995  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.8 116.4

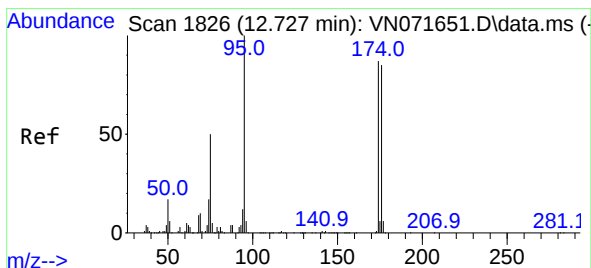
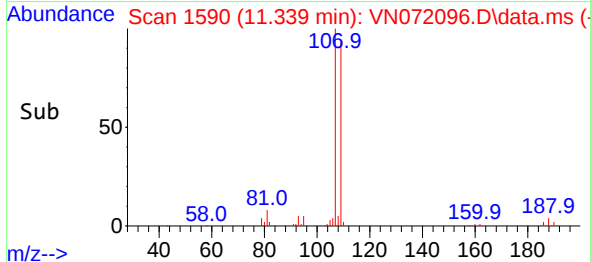
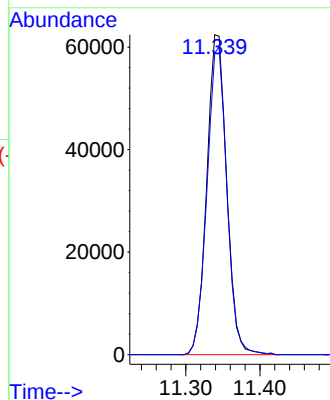
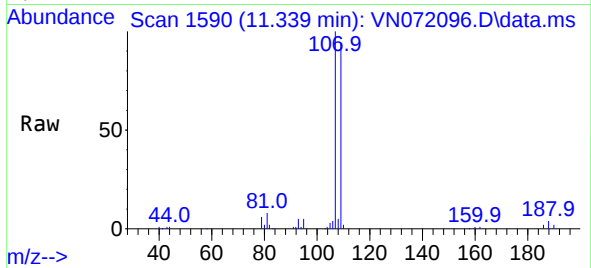




#61  
1,2-Dibromoethane  
Concen: 21.382 ug/l  
RT: 11.339 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

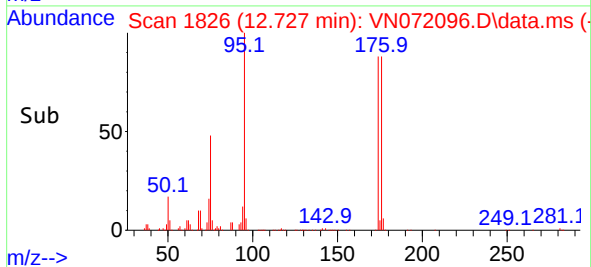
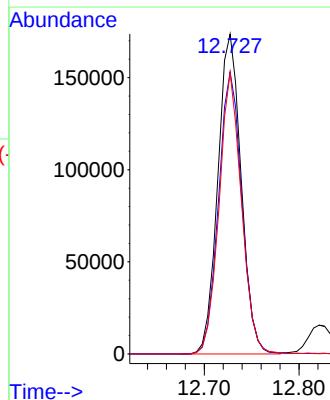
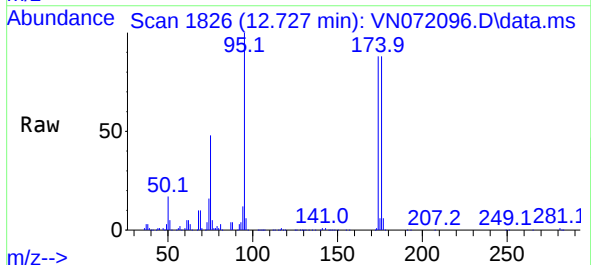
Instrument :  
MSVOA\_N  
ClientSampleId :

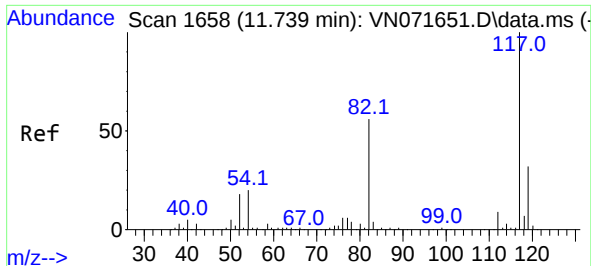
Tgt Ion:107 Resp: 116645  
Ion Ratio Lower Upper  
107 100  
109 95.6 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 46.507 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

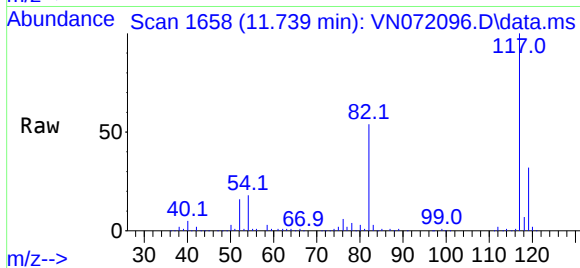
Tgt Ion: 95 Resp: 297127  
Ion Ratio Lower Upper  
95 100  
174 88.0 0.0 167.6  
176 84.2 0.0 163.4



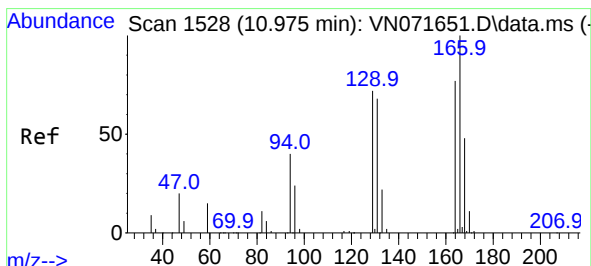
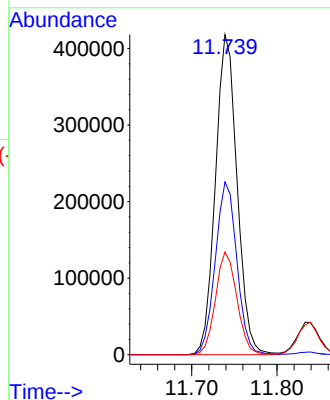
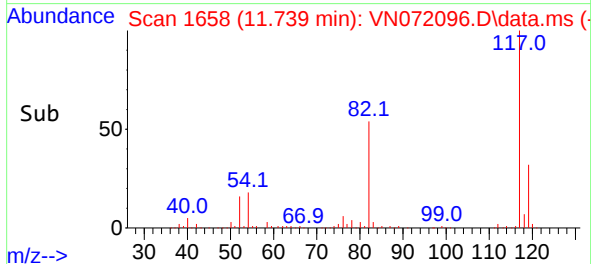


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

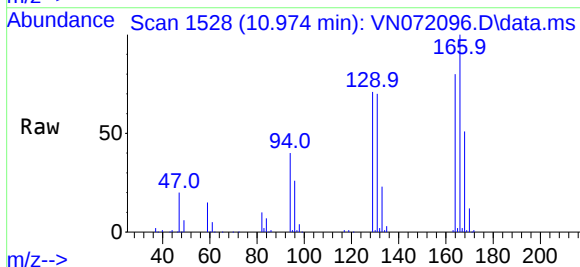
Instrument :  
MSVOA\_N  
ClientSampleId :



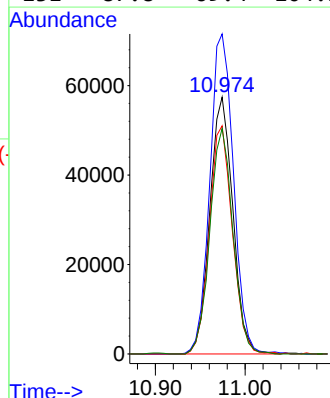
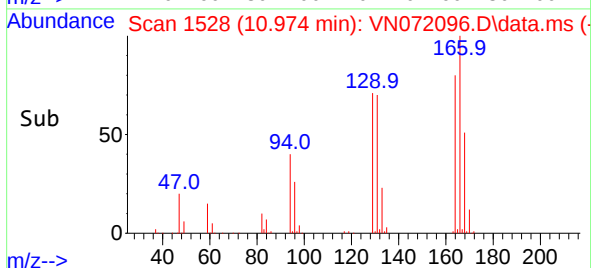
Tgt Ion:117 Resp: 738137  
Ion Ratio Lower Upper  
117 100  
82 54.0 44.2 66.2  
119 32.1 25.4 38.0

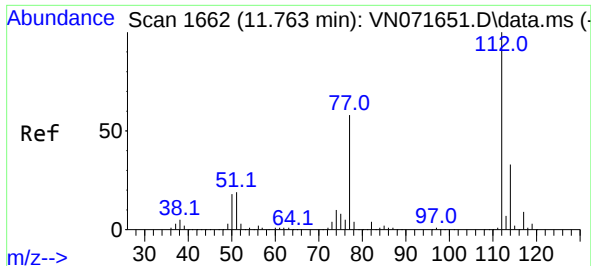


#64  
Tetrachloroethene  
Concen: 21.015 ug/l  
RT: 10.974 min Scan# 1528  
Delta R.T. -0.001 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29



Tgt Ion:164 Resp: 102429  
Ion Ratio Lower Upper  
164 100  
166 124.6 104.2 156.2  
129 88.9 73.9 110.9  
131 87.8 69.4 104.2

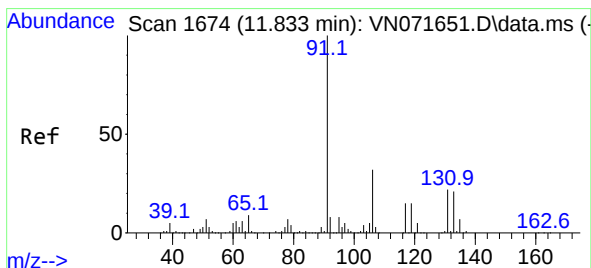
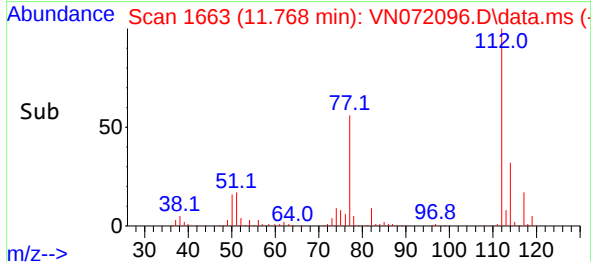
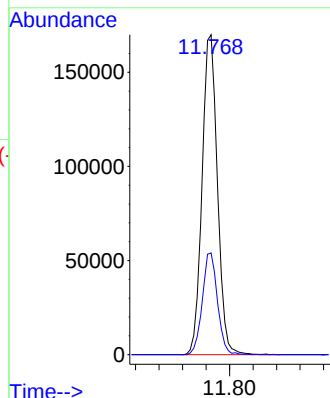
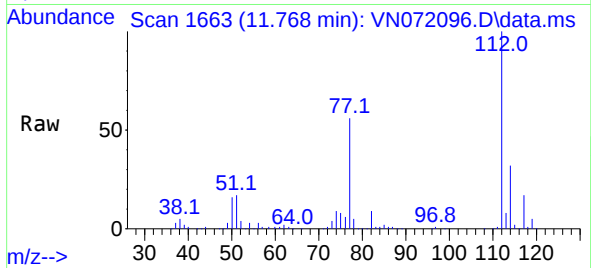




#65  
Chlorobenzene  
Concen: 20.828 ug/l  
RT: 11.768 min Scan# 1663  
Delta R.T. 0.005 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

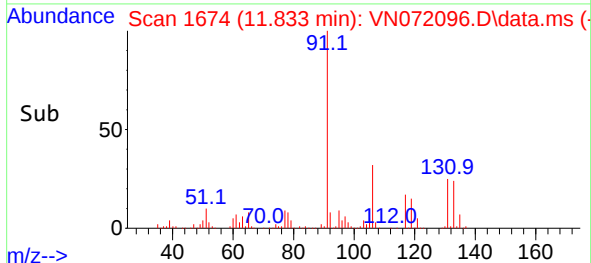
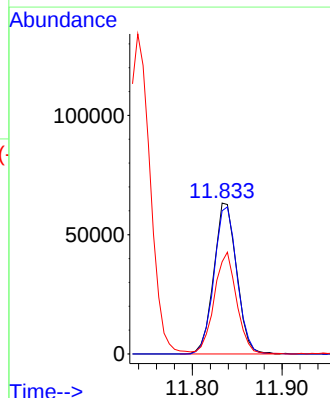
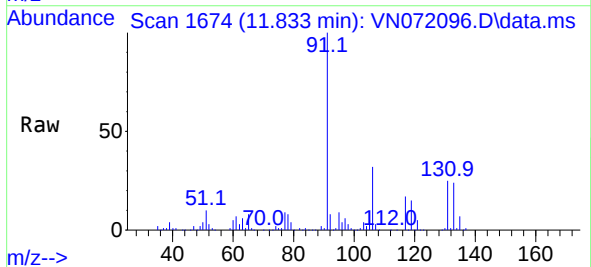
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:112 Resp: 307844  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.990 ug/l  
RT: 11.833 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion:131 Resp: 111947  
Ion Ratio Lower Upper  
131 100  
133 97.8 47.8 143.4  
119 66.1 33.4 100.2

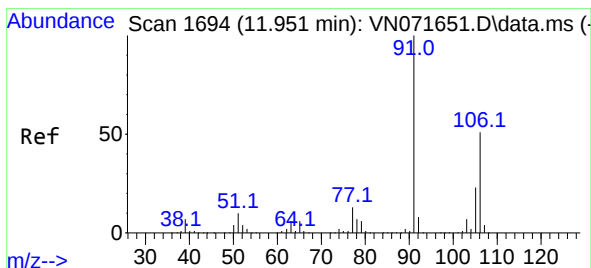
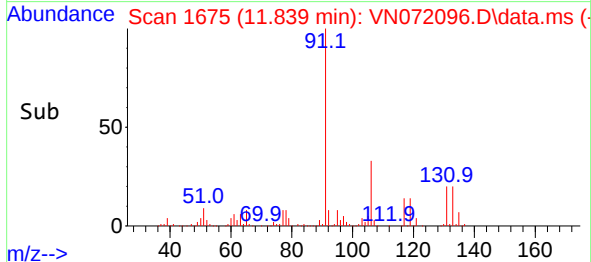
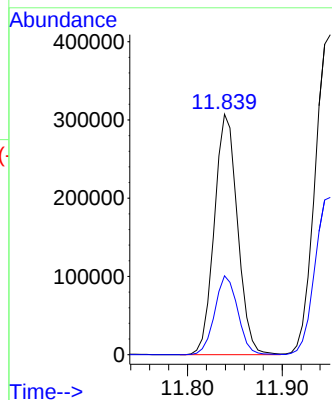
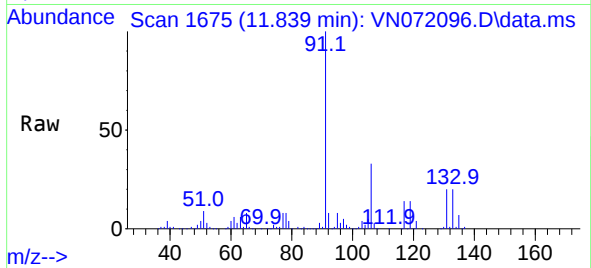




#67  
Ethyl Benzene  
Concen: 20.943 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

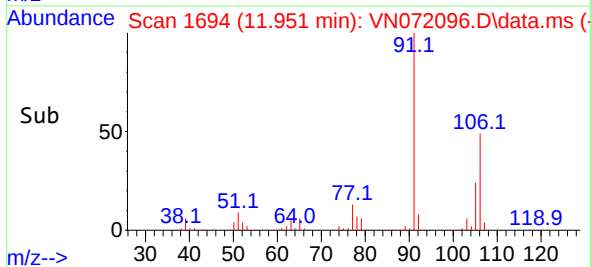
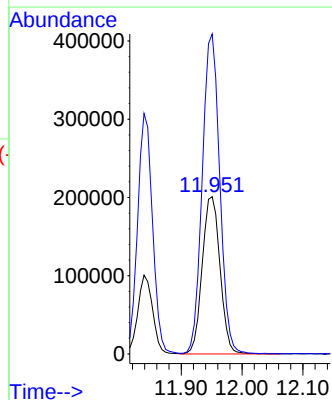
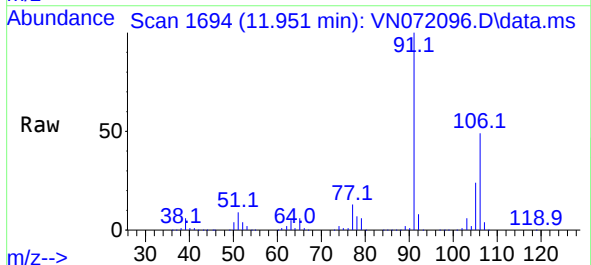
Instrument :  
MSVOA\_N  
ClientSampleId :

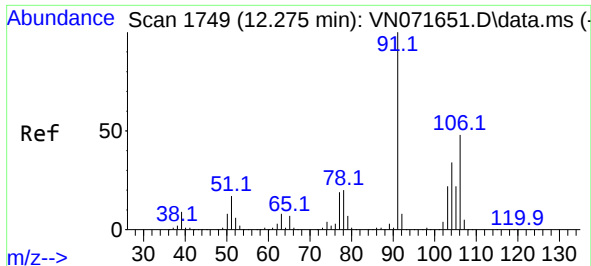
Tgt Ion: 91 Resp: 524019  
Ion Ratio Lower Upper  
91 100  
106 32.8 24.9 37.3



#68  
m/p-Xylenes  
Concen: 42.450 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion:106 Resp: 408097  
Ion Ratio Lower Upper  
106 100  
91 199.8 158.9 238.3

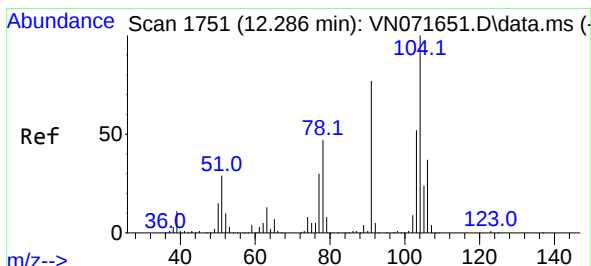
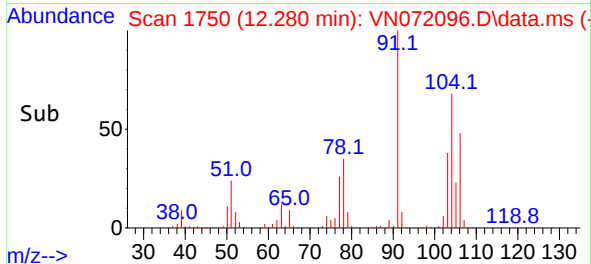
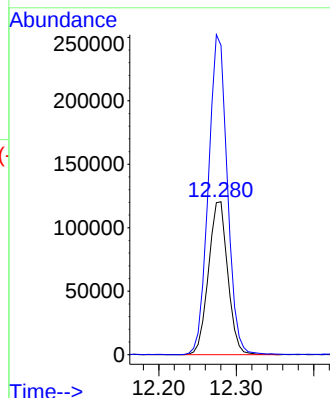
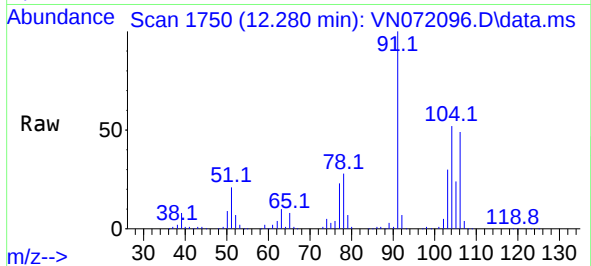




#69  
o-Xylene  
Concen: 21.788 ug/l  
RT: 12.280 min Scan# 1749  
Delta R.T. 0.005 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

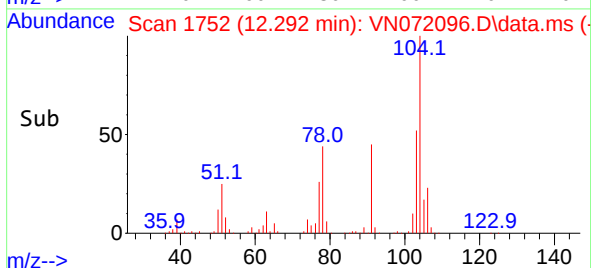
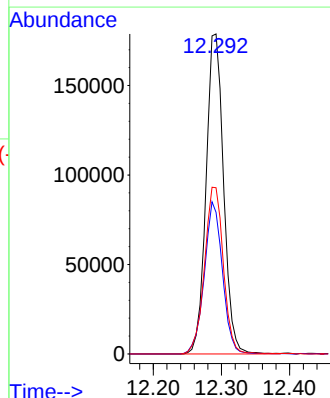
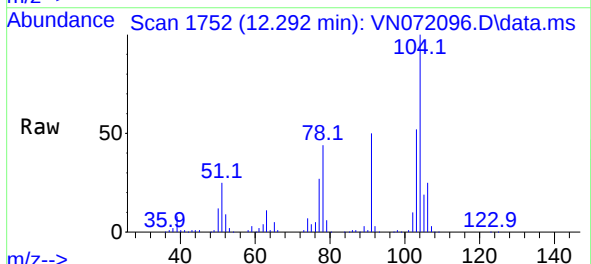
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:106 Resp: 207904  
Ion Ratio Lower Upper  
106 100  
91 206.1 106.0 318.0



#70  
Styrene  
Concen: 22.147 ug/l  
RT: 12.292 min Scan# 1752  
Delta R.T. 0.006 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion:104 Resp: 320200  
Ion Ratio Lower Upper  
104 100  
78 49.2 39.5 59.3  
103 56.2 44.0 66.0

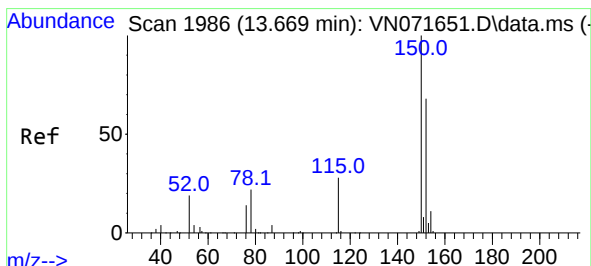
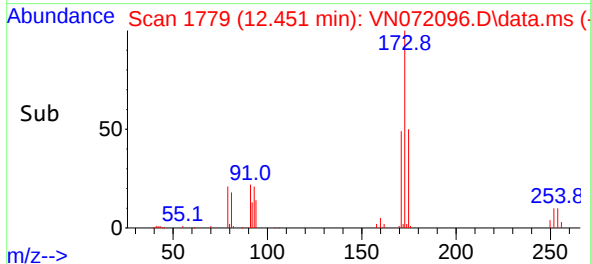
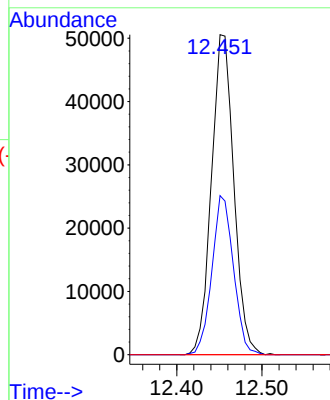
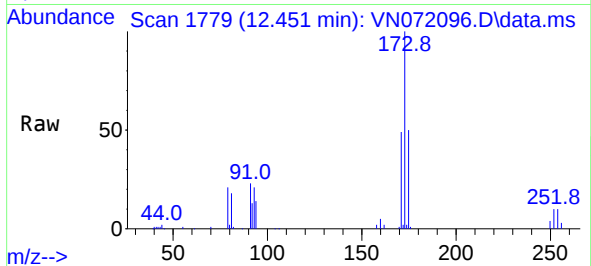




#71  
Bromoform  
Concen: 22.697 ug/l  
RT: 12.451 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

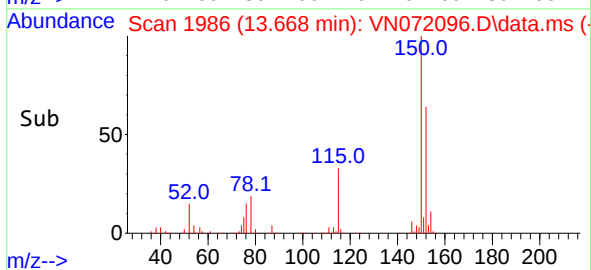
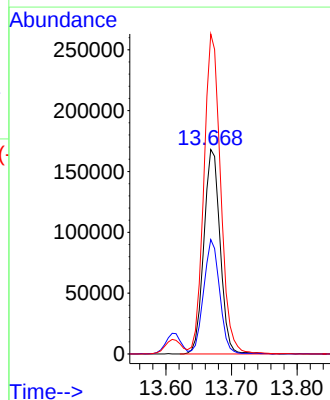
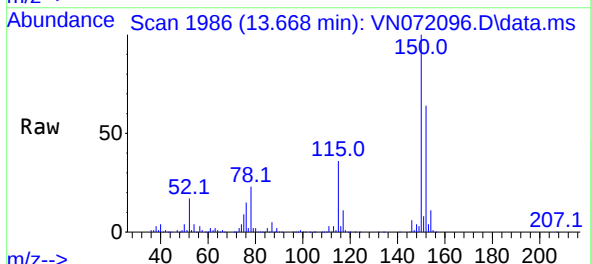
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:173 Resp: 92185  
Ion Ratio Lower Upper  
173 100  
175 47.9 24.6 73.6  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. -0.001 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion:152 Resp: 290427  
Ion Ratio Lower Upper  
152 100  
115 55.3 28.9 86.7  
150 161.1 0.0 356.2

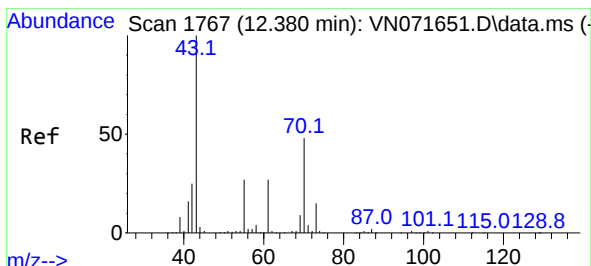
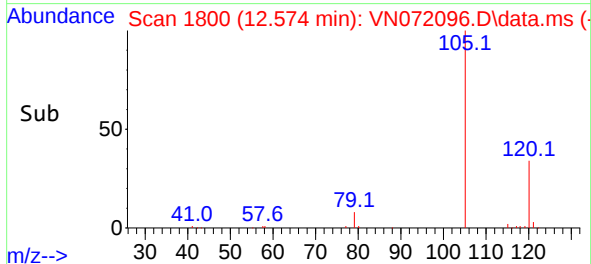
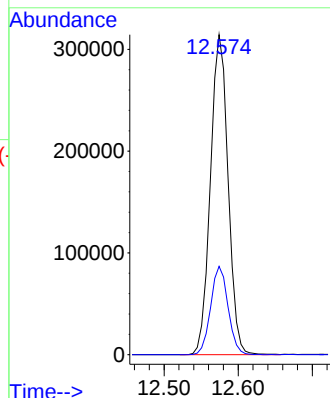
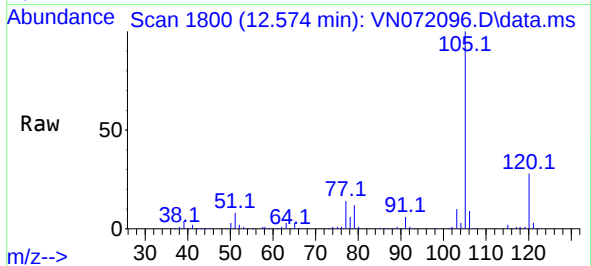




#73  
Isopropylbenzene  
Concen: 21.238 ug/l  
RT: 12.574 min Scan# 117  
Delta R.T. -0.001 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

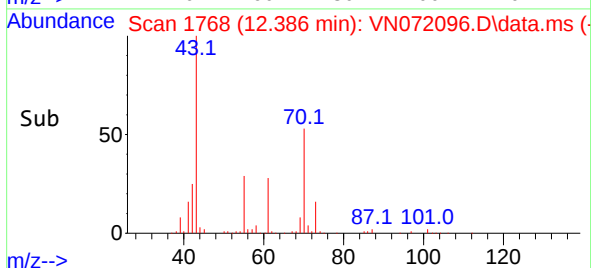
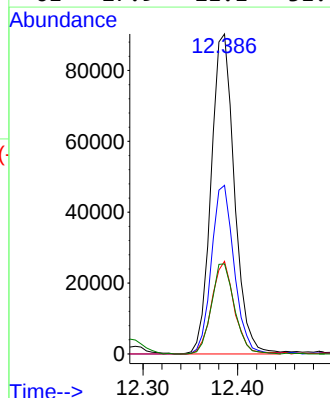
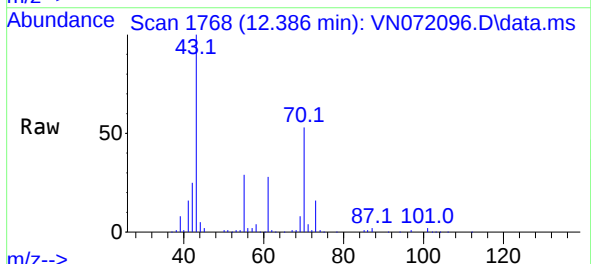
Instrument :  
MSVOA\_N  
ClientSampleId :

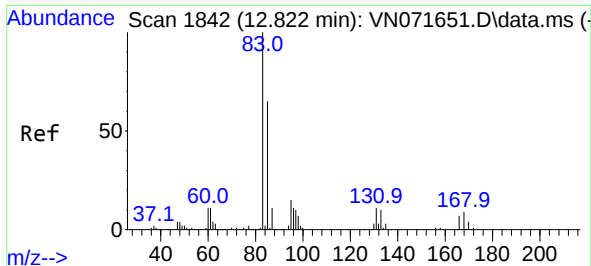
Tgt Ion:105 Resp: 519756  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.5 40.4



#74  
N-ethyl acetate  
Concen: 21.984 ug/l  
RT: 12.386 min Scan# 1768  
Delta R.T. 0.006 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion: 43 Resp: 154158  
Ion Ratio Lower Upper  
43 100  
70 51.5 39.0 58.4  
55 28.2 21.1 31.7  
61 27.9 21.1 31.7

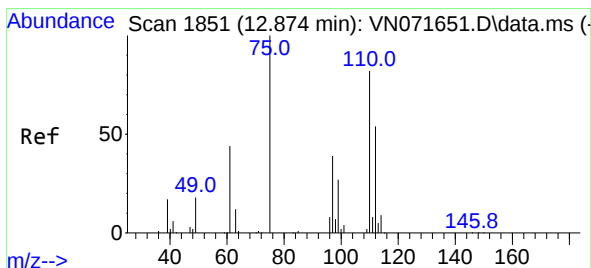
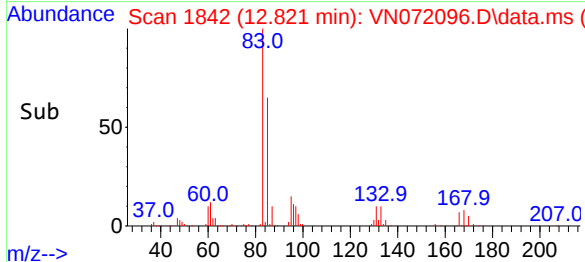
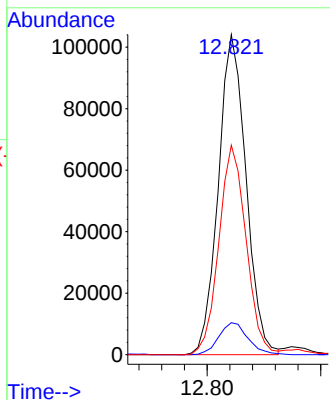
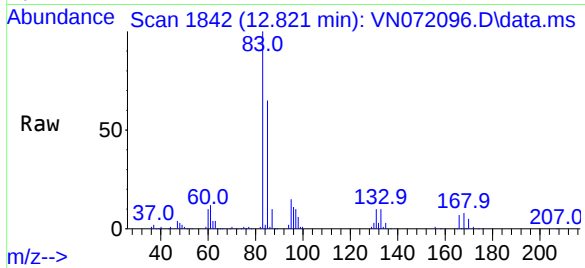




#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.603 ug/l  
RT: 12.821 min Scan# 1842  
Delta R.T. -0.001 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

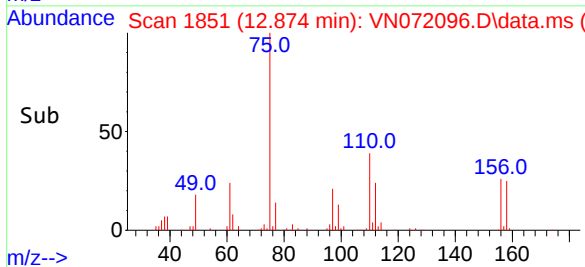
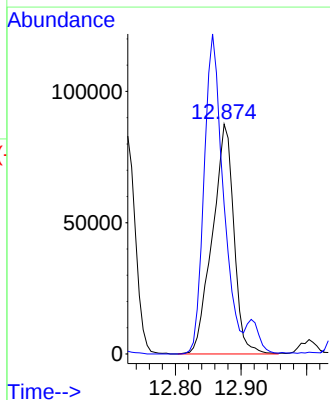
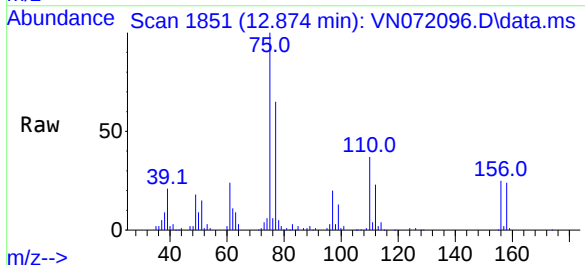
Instrument :  
MSVOA\_N  
ClientSampleId :

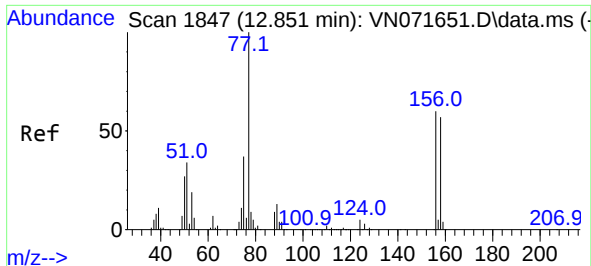
Tgt Ion: 83 Resp: 176401  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.3 15.9  
85 64.1 32.3 96.9



#76  
1,2,3-Trichloropropane  
Concen: 29.550 ug/l  
RT: 12.874 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion: 75 Resp: 198814  
Ion Ratio Lower Upper  
75 100  
77 125.3 98.5 295.5

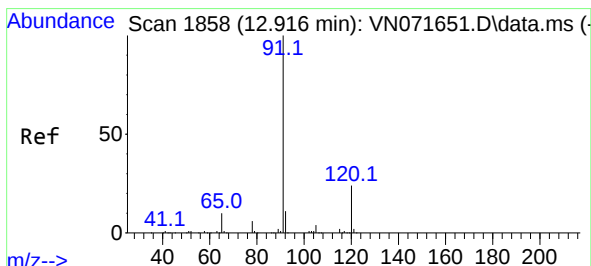
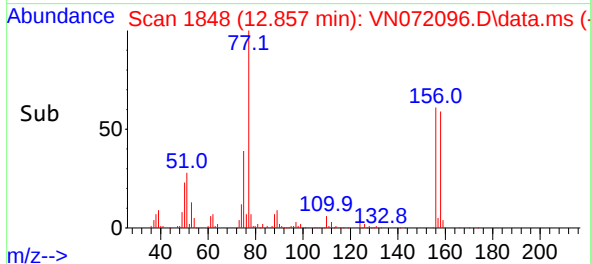
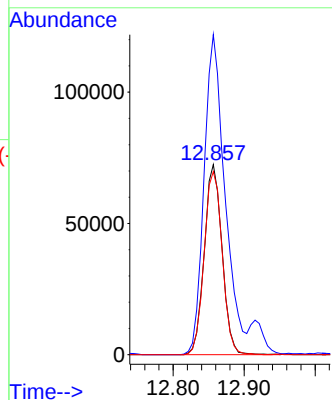
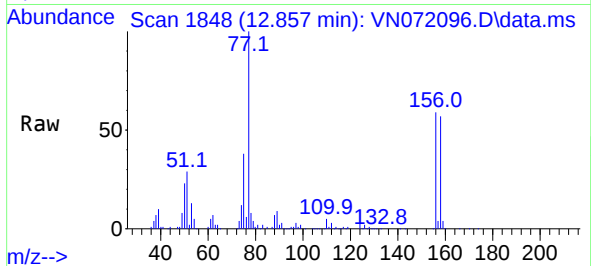




#77  
Bromobenzene  
Concen: 20.567 ug/l  
RT: 12.857 min Scan# 1847  
Delta R.T. 0.006 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

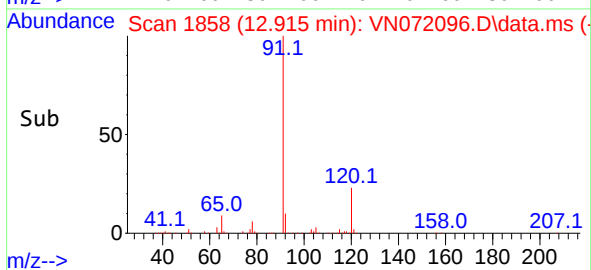
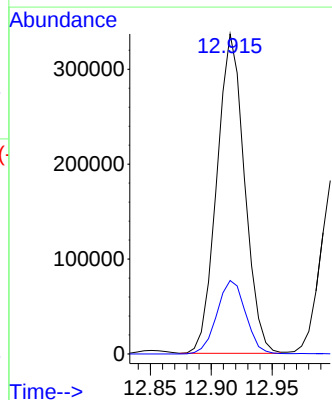
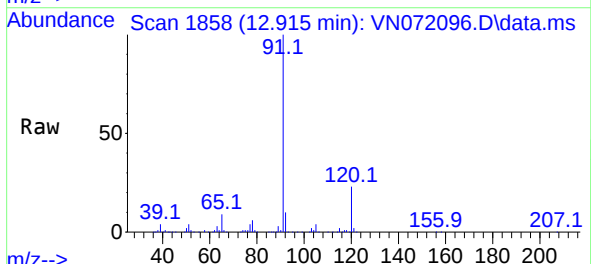
Instrument :  
MSVOA\_N  
ClientSampleId :

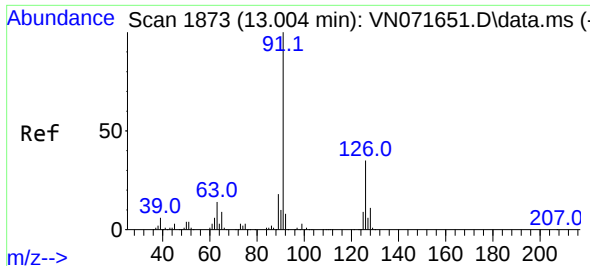
Tgt Ion:156 Resp: 126180  
Ion Ratio Lower Upper  
156 100  
77 197.4 100.5 301.5  
158 98.1 48.9 146.6



#78  
n-propylbenzene  
Concen: 20.695 ug/l  
RT: 12.915 min Scan# 1858  
Delta R.T. -0.001 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion: 91 Resp: 532775  
Ion Ratio Lower Upper  
91 100  
120 23.8 11.9 35.5

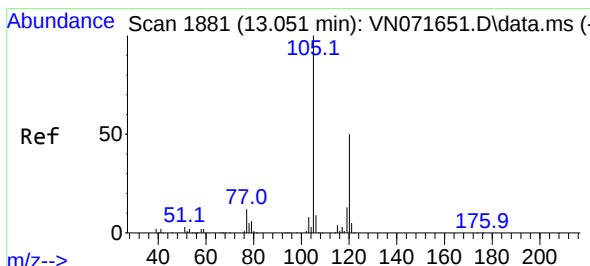
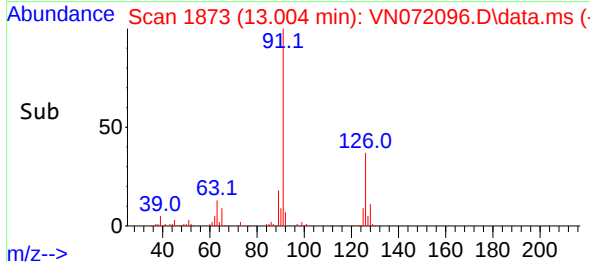
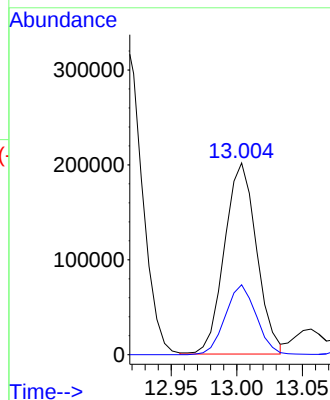
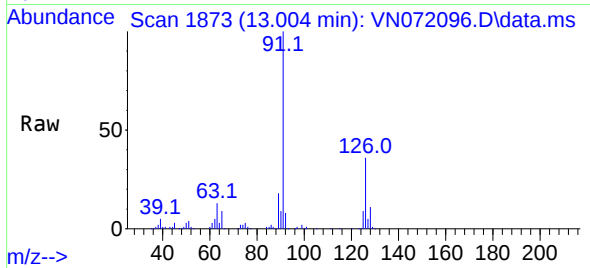




#79  
2-Chlorotoluene  
Concen: 20.785 ug/l  
RT: 13.004 min Scan# 1873  
Delta R.T. -0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

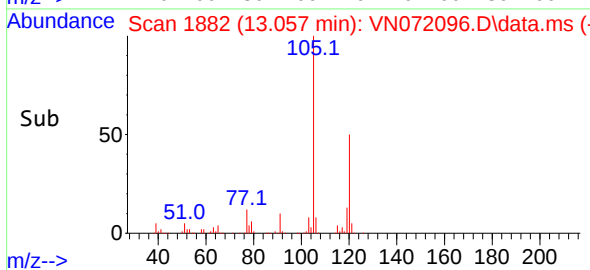
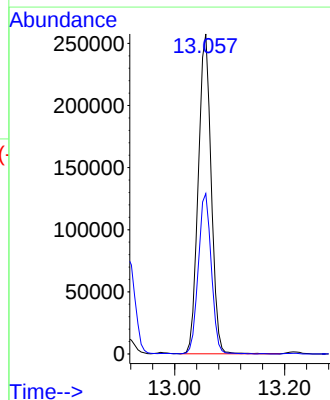
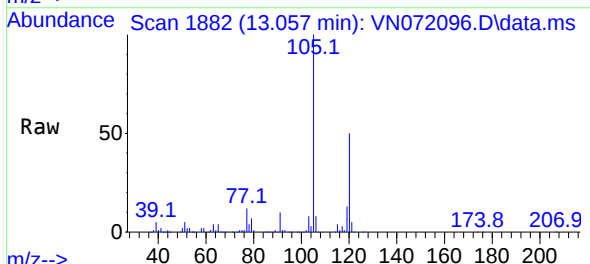
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 91 Resp: 343153  
Ion Ratio Lower Upper  
91 100  
126 35.4 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 21.632 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. 0.006 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion:105 Resp: 419453  
Ion Ratio Lower Upper  
105 100  
120 50.6 24.9 74.7

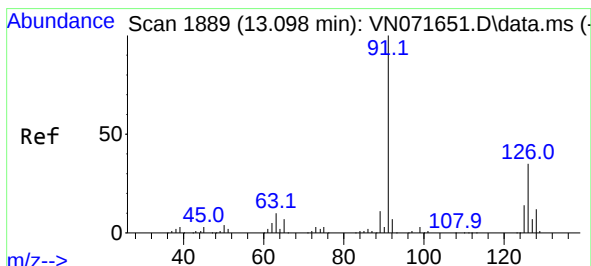
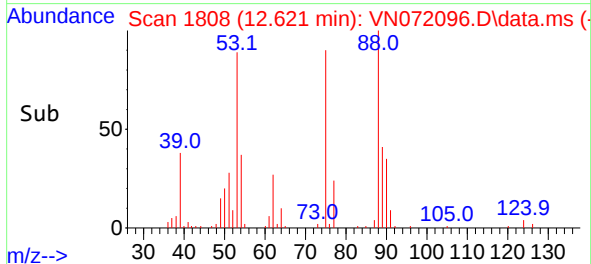
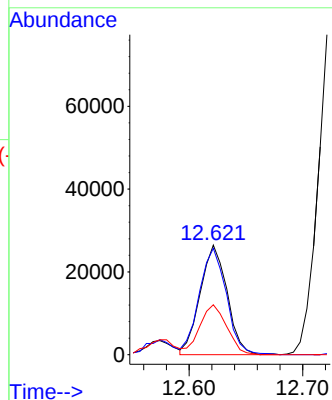
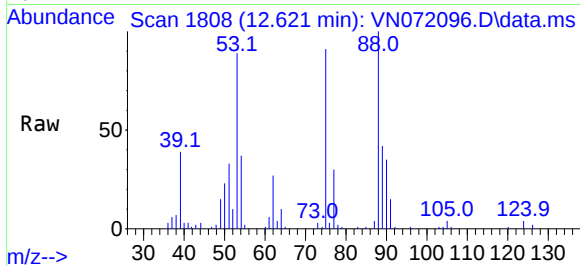




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.101 ug/l  
RT: 12.621 min Scan# 1808  
Delta R.T. -0.001 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

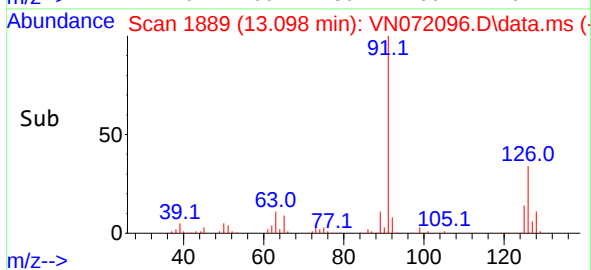
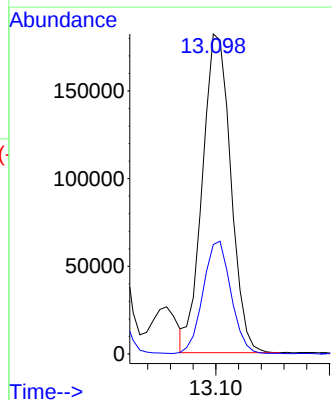
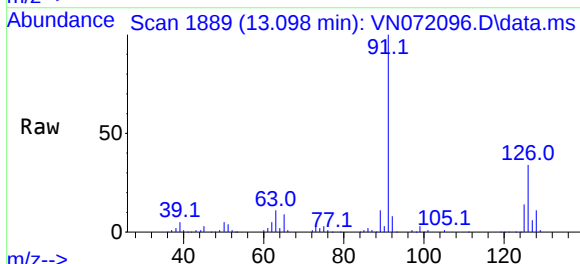
Instrument :  
MSVOA\_N  
ClientSampleId :

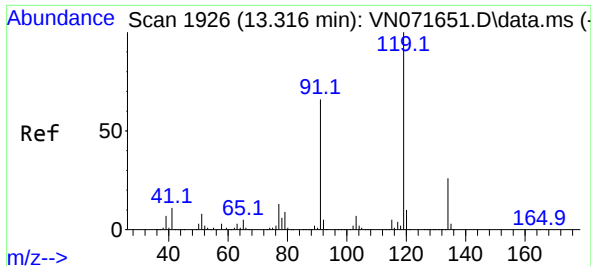
Tgt Ion: 75 Resp: 43641  
Ion Ratio Lower Upper  
75 100  
53 98.1 78.0 117.0  
89 46.0 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 20.617 ug/l  
RT: 13.098 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion: 91 Resp: 315503  
Ion Ratio Lower Upper  
91 100  
126 34.7 17.2 51.6

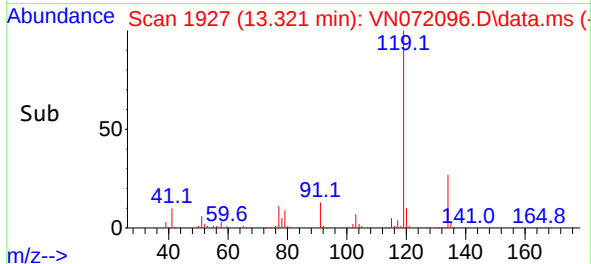
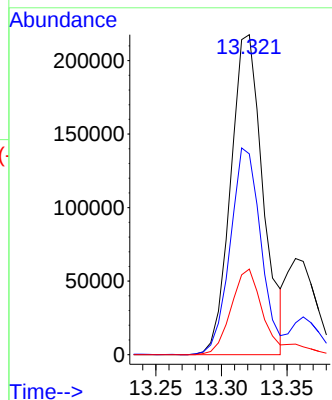
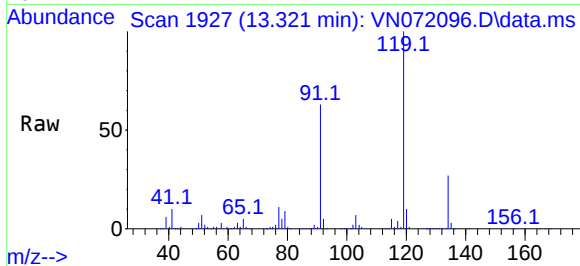




#83  
tert-Butylbenzene  
Concen: 21.046 ug/l  
RT: 13.321 min Scan# 1926  
Delta R.T. 0.005 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

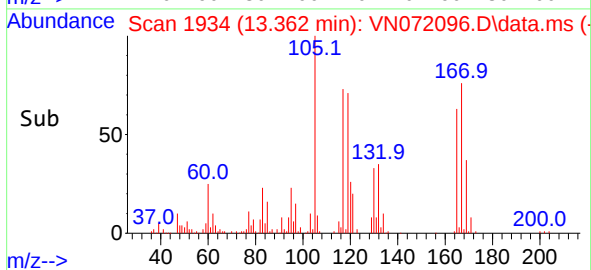
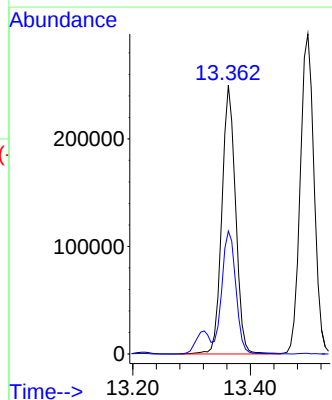
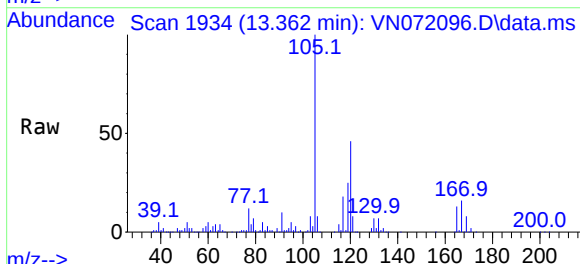
Instrument :  
MSVOA\_N  
ClientSampleId :

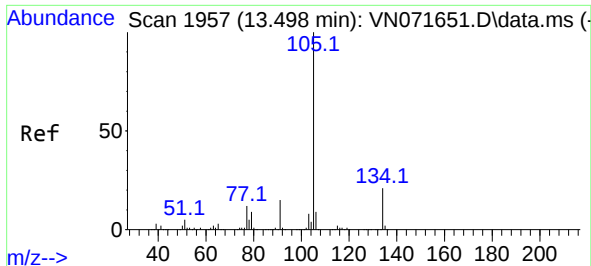
Tgt Ion:119 Resp: 373034  
Ion Ratio Lower Upper  
119 100  
91 61.5 31.6 94.8  
134 28.0 13.7 41.1



#84  
1,2,4-Trimethylbenzene  
Concen: 21.388 ug/l  
RT: 13.362 min Scan# 1934  
Delta R.T. -0.001 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

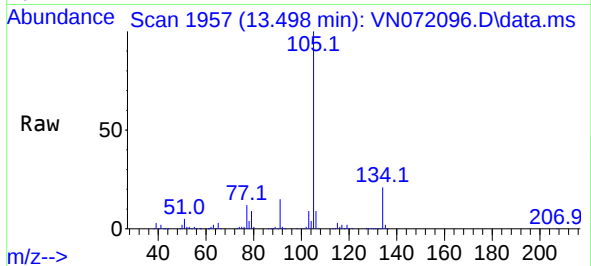
Tgt Ion:105 Resp: 404645  
Ion Ratio Lower Upper  
105 100  
120 46.9 23.3 69.8



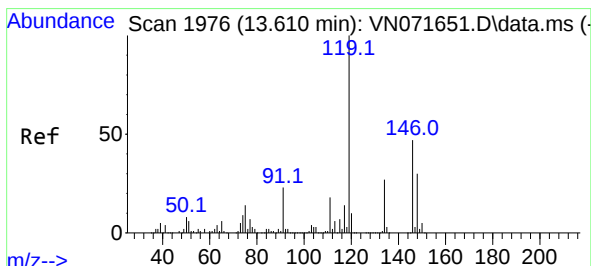
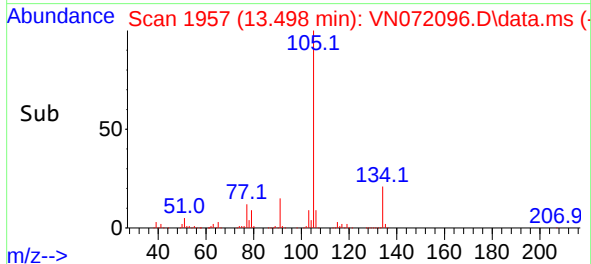
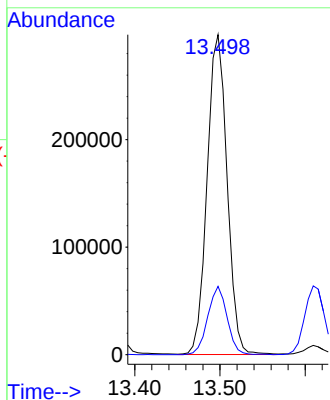


#85  
sec-Butylbenzene  
Concen: 21.078 ug/l  
RT: 13.498 min Scan# 1957  
Delta R.T. -0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Instrument :  
MSVOA\_N  
ClientSampleId :

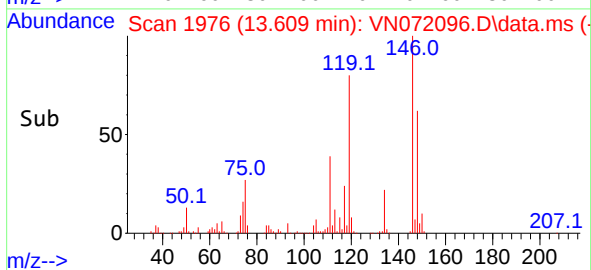
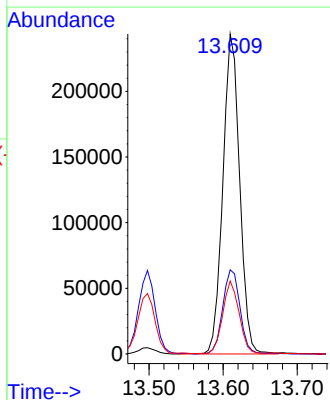
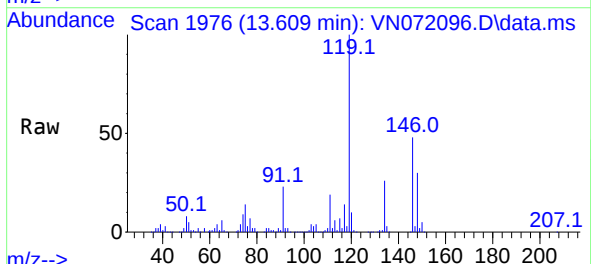


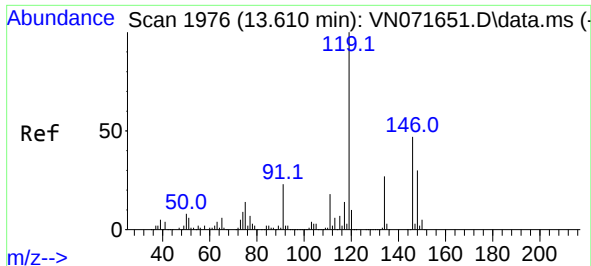
Tgt Ion:105 Resp: 484320  
Ion Ratio Lower Upper  
105 100  
134 20.7 10.4 31.1



#86  
p-Isopropyltoluene  
Concen: 20.937 ug/l  
RT: 13.609 min Scan# 1976  
Delta R.T. -0.001 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion:119 Resp: 383575  
Ion Ratio Lower Upper  
119 100  
134 27.1 13.3 39.8  
91 22.1 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 20.293 ug/l

RT: 13.609 min Scan# 1976

Delta R.T. -0.001 min

Lab File: VN072096.D

Acq: 20 Apr 2022 23:29

Instrument :

MSVOA\_N

ClientSampleId :

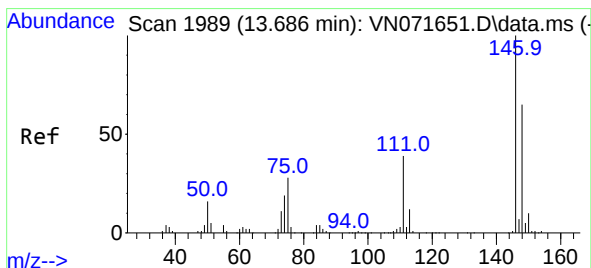
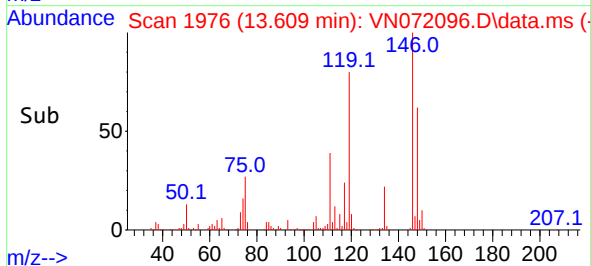
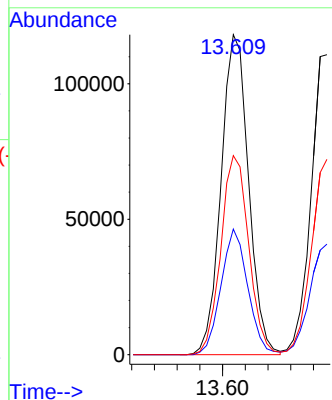
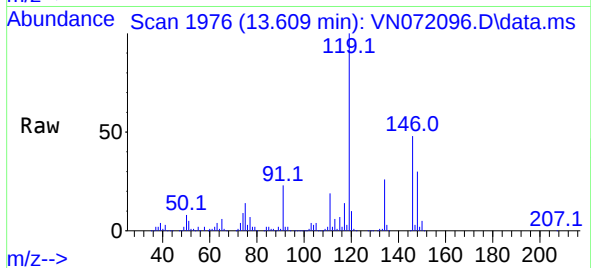
Tgt Ion:146 Resp: 198344

Ion Ratio Lower Upper

146 100

111 38.4 20.0 60.0

148 63.2 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 20.148 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.006 min

Lab File: VN072096.D

Acq: 20 Apr 2022 23:29

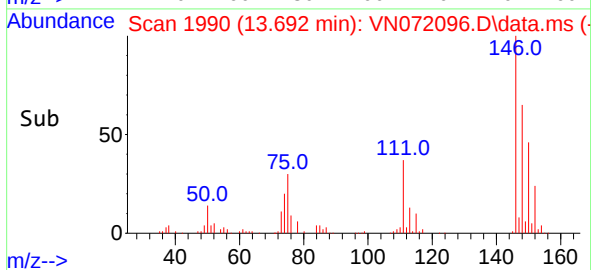
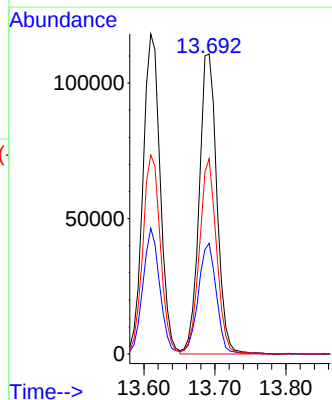
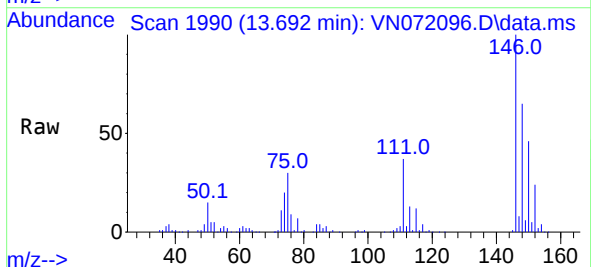
Tgt Ion:146 Resp: 192125

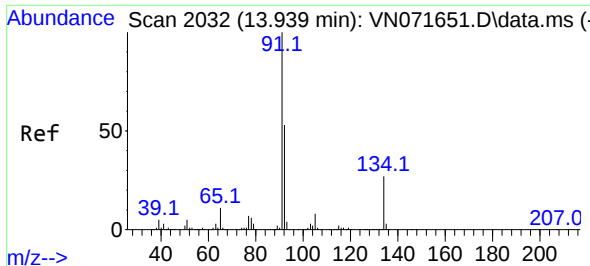
Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.1

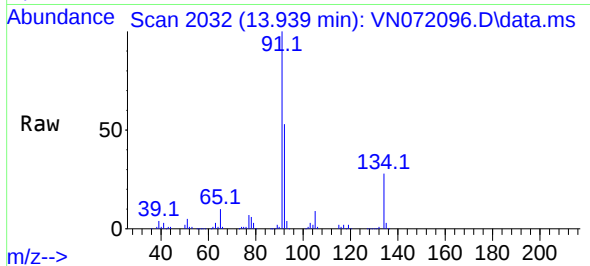
148 63.5 31.4 94.3



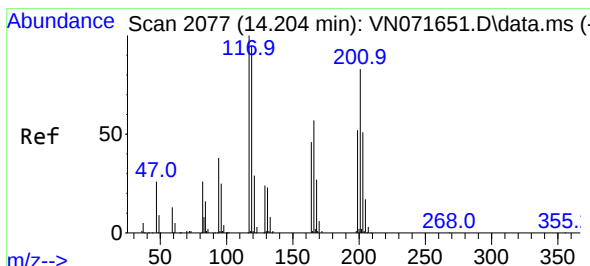
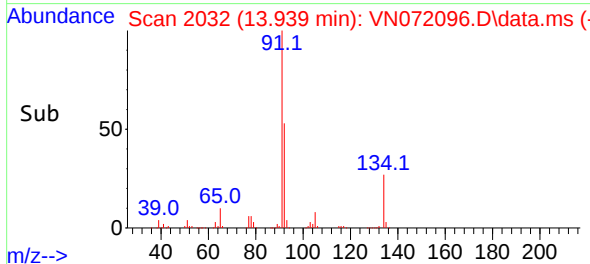
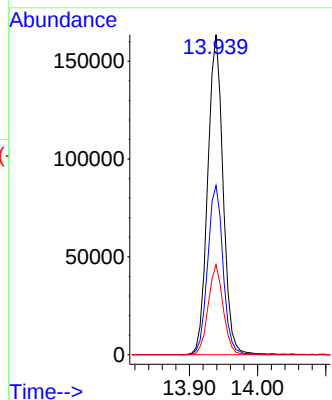


#89  
n-Butylbenzene  
Concen: 18.871 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Instrument :  
MSVOA\_N  
ClientSampleId :

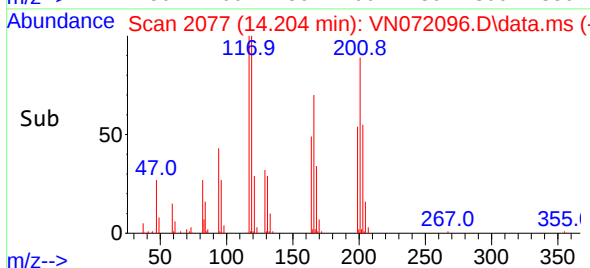
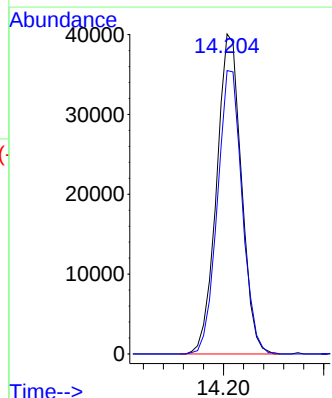
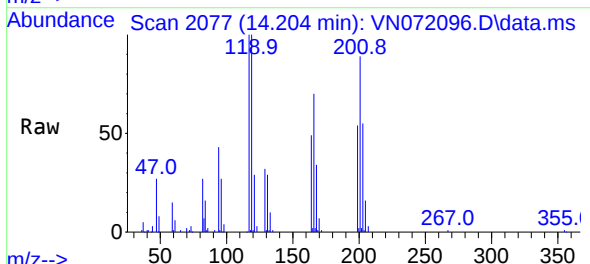


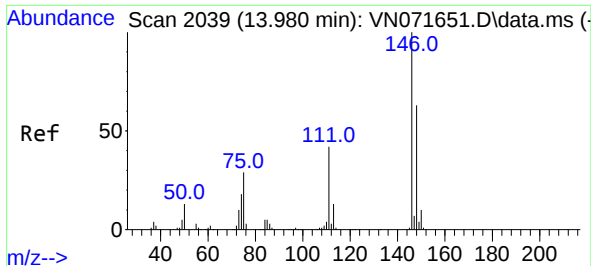
Tgt Ion: 91 Resp: 256430  
Ion Ratio Lower Upper  
91 100  
92 53.0 26.9 80.7  
134 27.4 13.6 40.8



#90  
Hexachloroethane  
Concen: 20.524 ug/l  
RT: 14.204 min Scan# 2077  
Delta R.T. -0.000 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion: 117 Resp: 68832  
Ion Ratio Lower Upper  
117 100  
201 88.3 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 20.501 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN072096.D

Acq: 20 Apr 2022 23:29

Instrument :

MSVOA\_N

ClientSampleId :

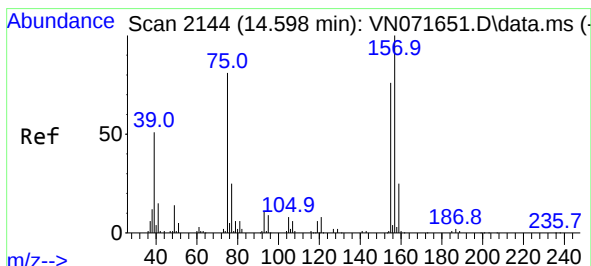
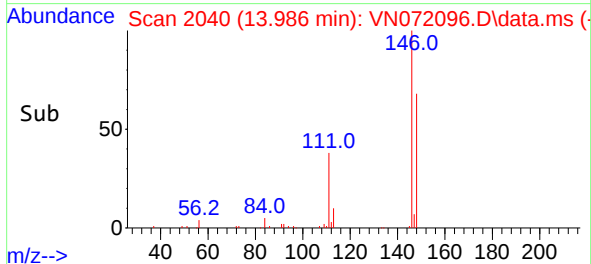
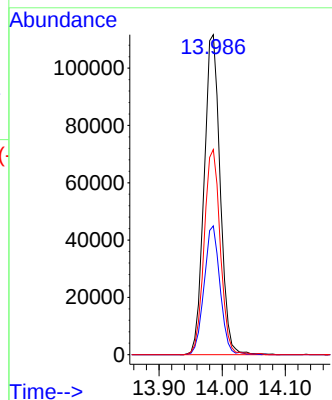
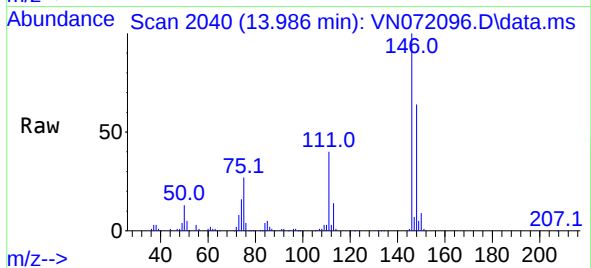
Tgt Ion:146 Resp: 196719

Ion Ratio Lower Upper

146 100

111 40.1 20.9 62.8

148 64.3 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.169 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN072096.D

Acq: 20 Apr 2022 23:29

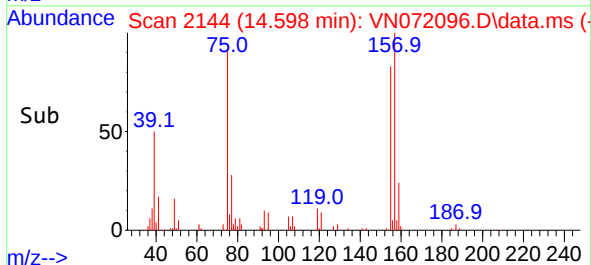
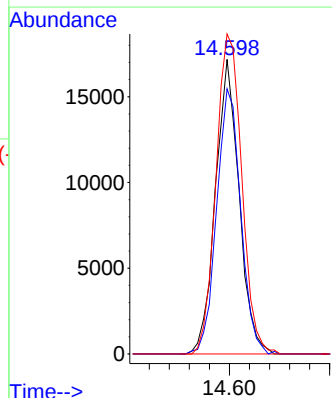
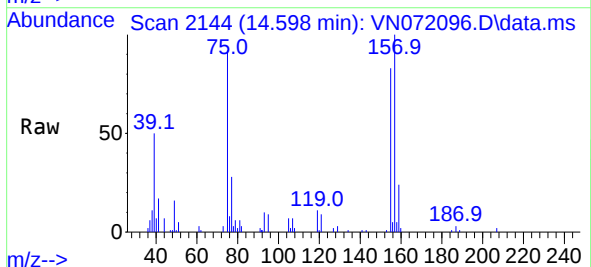
Tgt Ion: 75 Resp: 28079

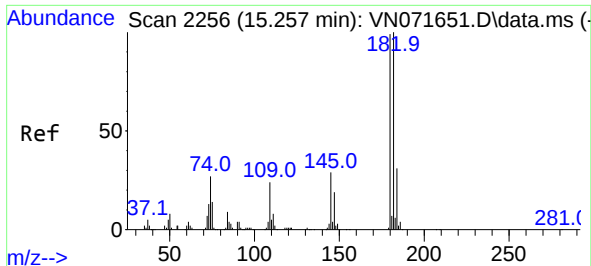
Ion Ratio Lower Upper

75 100

155 91.5 44.9 134.5

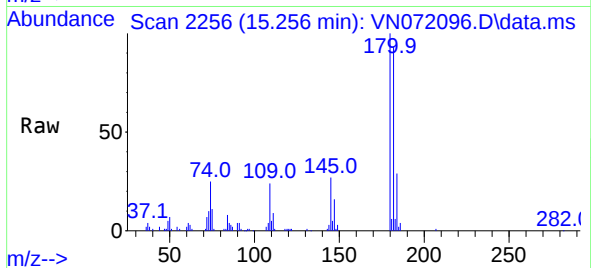
157 118.4 59.0 176.8



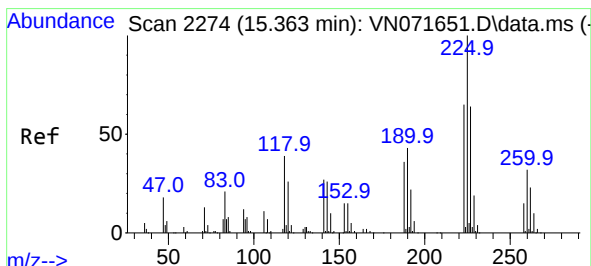
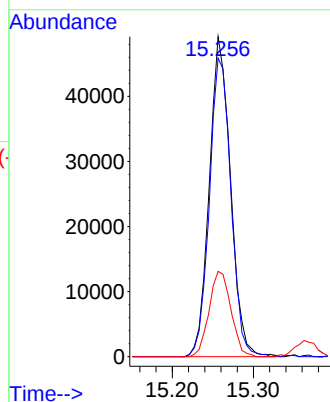
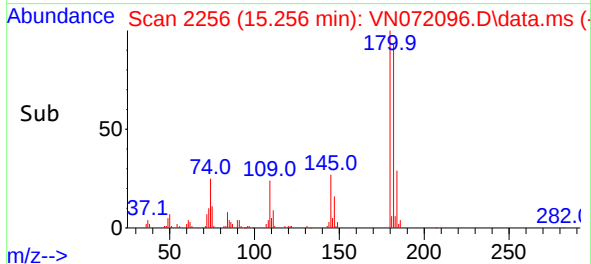


#93  
1,2,4-Trichlorobenzene  
Concen: 20.577 ug/l  
RT: 15.256 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

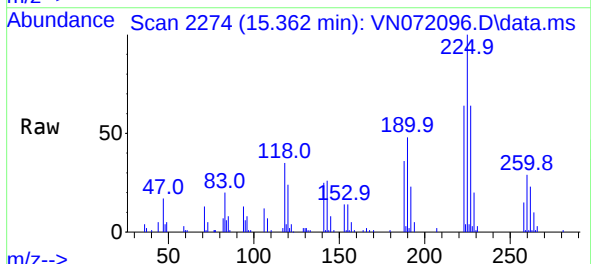
Instrument :  
MSVOA\_N  
ClientSampleId :



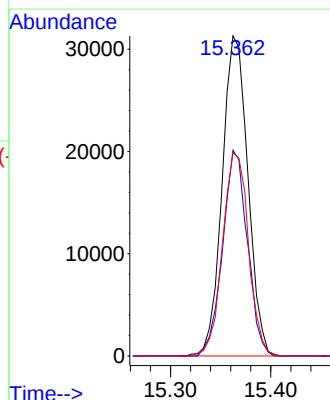
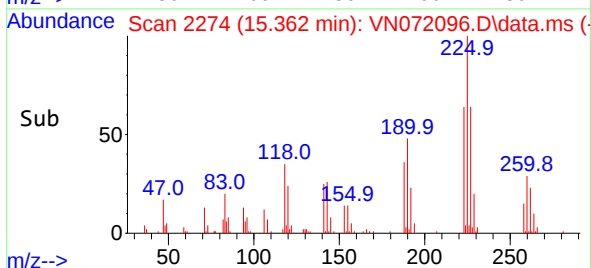
Tgt Ion:180 Resp: 89190  
Ion Ratio Lower Upper  
180 100  
182 94.6 47.5 142.5  
145 27.5 14.5 43.5

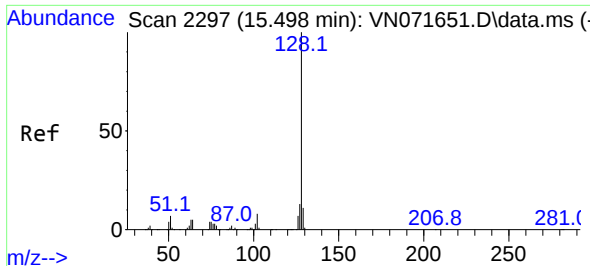


#94  
Hexachlorobutadiene  
Concen: 19.684 ug/l  
RT: 15.362 min Scan# 2274  
Delta R.T. -0.001 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29



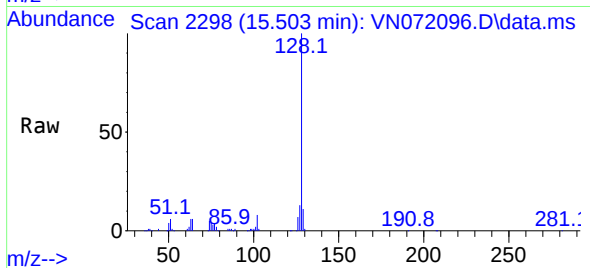
Tgt Ion:225 Resp: 55706  
Ion Ratio Lower Upper  
225 100  
223 62.1 32.4 97.2  
227 64.0 31.8 95.4



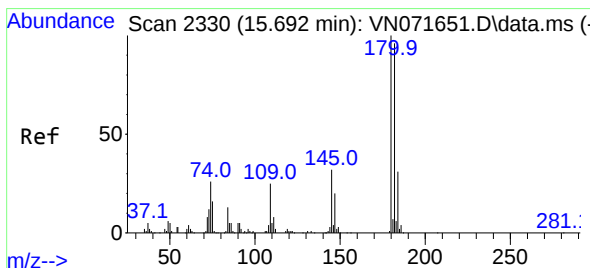
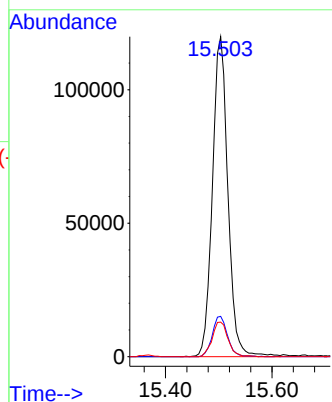


#95  
Naphthalene  
Concen: 20.663 ug/l  
RT: 15.503 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion:128 Resp: 241331  
Ion Ratio Lower Upper  
128 100  
127 12.4 10.3 15.5  
129 11.1 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 21.353 ug/l  
RT: 15.698 min Scan# 2331  
Delta R.T. 0.006 min  
Lab File: VN072096.D  
Acq: 20 Apr 2022 23:29

Tgt Ion:180 Resp: 89102  
Ion Ratio Lower Upper  
180 100  
182 94.1 47.8 143.3  
145 30.9 15.5 46.5

