

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011822\  
 Data File : VN070673.D  
 Acq On : 18 Jan 2022 18:34  
 Operator : JC/MD  
 Sample : VN0118MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0118MBS01

Quant Time: Jan 19 03:40:45 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011822W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 18 13:32:07 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.086  | 168  | 841926   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.965  | 114  | 1360511  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.744 | 117  | 1241316  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.675 | 152  | 521926   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.437  | 65    | 574114   | 47.581   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 95.160% |
| 35) Dibromofluoromethane    | 8.021  | 113   | 410171   | 48.603   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 97.200% |
| 50) Toluene-d8              | 10.440 | 98    | 1712446  | 48.167   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 96.340% |
| 62) 4-Bromofluorobenzene    | 12.731 | 95    | 603059   | 47.601   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 95.200% |

|                              |       |     |         |        |        |     |
|------------------------------|-------|-----|---------|--------|--------|-----|
| Target Compounds             |       |     |         |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.073 | 85  | 172653  | 17.746 | ug/l   | 99  |
| 3) Chloromethane             | 2.303 | 50  | 245168  | 17.240 | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.448 | 62  | 242971  | 17.964 | ug/l   | 98  |
| 5) Bromomethane              | 2.864 | 94  | 146755  | 20.833 | ug/l   | 97  |
| 6) Chloroethane              | 3.025 | 64  | 146514  | 17.358 | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.379 | 101 | 290910  | 18.828 | ug/l   | 99  |
| 8) Diethyl Ether             | 3.824 | 74  | 119990  | 17.778 | ug/l   | 83  |
| 9) 1,1,2-Trichlorotrifluo... | 4.205 | 101 | 164218  | 17.585 | ug/l   | 94  |
| 10) Methyl Iodide            | 4.422 | 142 | 214698  | 17.829 | ug/l   | 98  |
| 11) Tert butyl alcohol       | 5.374 | 59  | 179850  | 82.618 | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 4.181 | 96  | 159055  | 17.077 | ug/l   | 90  |
| 13) Acrolein                 | 4.041 | 56  | 280314  | 89.785 | ug/l   | 99  |
| 14) Allyl chloride           | 4.840 | 41  | 364893  | 17.980 | ug/l   | 85  |
| 15) Acrylonitrile            | 5.554 | 53  | 618073  | 89.251 | ug/l   | 99  |
| 16) Acetone                  | 4.288 | 43  | 658819  | 78.667 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.529 | 76  | 446209  | 17.640 | ug/l   | 98  |
| 18) Methyl Acetate           | 4.857 | 43  | 282308  | 17.141 | ug/l   | 92  |
| 19) Methyl tert-butyl Ether  | 5.616 | 73  | 616011  | 18.514 | ug/l   | 92  |
| 20) Methylene Chloride       | 5.098 | 84  | 199541  | 18.088 | ug/l   | 89  |
| 21) trans-1,2-Dichloroethene | 5.599 | 96  | 171474  | 18.292 | ug/l   | 85  |
| 22) Diisopropyl ether        | 6.498 | 45  | 764553  | 19.007 | ug/l   | 92  |
| 23) Vinyl Acetate            | 6.434 | 43  | 3190236 | 93.562 | ug/l   | 95  |
| 24) 1,1-Dichloroethane       | 6.385 | 63  | 374978  | 18.636 | ug/l   | 98  |
| 25) 2-Butanone               | 7.332 | 43  | 901414  | 85.537 | ug/l   | 91  |
| 26) 2,2-Dichloropropane      | 7.324 | 77  | 278288  | 18.039 | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.324 | 96  | 204276  | 18.344 | ug/l   | 85  |
| 28) Bromochloromethane       | 7.659 | 49  | 175666  | 19.445 | ug/l # | 76  |
| 29) Tetrahydrofuran          | 7.683 | 42  | 586708  | 90.925 | ug/l   | 87  |
| 30) Chloroform               | 7.817 | 83  | 380521  | 19.053 | ug/l   | 99  |
| 31) Cyclohexane              | 8.094 | 56  | 386656  | 18.198 | ug/l   | 90  |
| 32) 1,1,1-Trichloroethane    | 8.013 | 97  | 289910  | 18.563 | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.220 | 75  | 264617  | 18.625 | ug/l   | 95  |
| 37) Ethyl Acetate            | 7.412 | 43  | 342041  | 18.134 | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 8.206 | 117 | 237580  | 18.797 | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.459 | 83  | 329330  | 18.776 | ug/l # | 87  |
| 40) Benzene                  | 8.458 | 78  | 828932  | 18.830 | ug/l   | 100 |

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 Quant Title : SW846 8260  
 QLast Update : Tue Jan 18 13:32:07 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.635  | 41   | 182537   | 19.022  | ug/l # | 85       |
| 42) 1,2-Dichloroethane        | 8.528  | 62   | 285517   | 18.705  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.560  | 43   | 531862   | 18.461  | ug/l # | 95       |
| 44) Trichloroethene           | 9.215  | 130  | 186056   | 18.643  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.488  | 63   | 226019   | 18.870  | ug/l   | 100      |
| 46) Dibromomethane            | 9.577  | 93   | 131772   | 18.921  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.762  | 83   | 262444   | 18.435  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.558  | 41   | 241039   | 17.562  | ug/l # | 86       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 73845    | 358.190 | ug/l # | 79       |
| 51) 4-Methyl-2-Pentanone      | 10.330 | 43   | 1695563  | 92.234  | ug/l   | 98       |
| 52) Toluene                   | 10.502 | 92   | 503325   | 19.114  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.717 | 75   | 280237   | 17.856  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.188 | 75   | 319580   | 18.718  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.896 | 97   | 191119   | 18.475  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.760 | 69   | 317300   | 17.687  | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 11.044 | 76   | 347713   | 18.987  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.041 | 63   | 346705   | 84.802  | ug/l   | 89       |
| 59) 2-Hexanone                | 11.084 | 43   | 1206973  | 90.378  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.237 | 129  | 182458   | 18.909  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.344 | 107  | 191938   | 18.480  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.977 | 164  | 174910   | 19.218  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.768 | 112  | 504448   | 18.757  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.838 | 131  | 173827   | 18.769  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.843 | 91   | 951622   | 19.085  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.950 | 106  | 698223   | 38.492  | ug/l   | 92       |
| 69) o-Xylene                  | 12.278 | 106  | 343770   | 19.097  | ug/l   | 92       |
| 70) Styrene                   | 12.294 | 104  | 552357   | 19.180  | ug/l   | 95       |
| 71) Bromoform                 | 12.455 | 173  | 128568   | 18.378  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.578 | 105  | 904727   | 18.323  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.388 | 43   | 347533   | 17.214  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.825 | 83   | 297062   | 17.814  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.878 | 75   | 356179   | 25.730  | ug/l   | 75       |
| 77) Bromobenzene              | 12.860 | 156  | 200574   | 18.118  | ug/l   | 76       |
| 78) n-propylbenzene           | 12.919 | 91   | 1022075  | 18.509  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.007 | 91   | 641563   | 18.366  | ug/l   | 91       |
| 80) 1,3,5-Trimethylbenzene    | 13.058 | 105  | 743569   | 18.622  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.624 | 75   | 77594    | 16.699  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.104 | 91   | 605971   | 18.567  | ug/l   | 92       |
| 83) tert-Butylbenzene         | 13.321 | 119  | 631473   | 18.168  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.366 | 105  | 722785   | 18.831  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.501 | 105  | 886291   | 18.756  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.616 | 119  | 706827   | 19.041  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146  | 342819   | 18.615  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.694 | 146  | 332004   | 18.115  | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.940 | 91   | 555342   | 18.135  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.209 | 117  | 113027   | 17.419  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 13.989 | 146  | 334331   | 18.375  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.603 | 75   | 46656    | 16.494  | ug/l   | 81       |
| 93) 1,2,4-Trichlorobenzene    | 15.263 | 180  | 149664   | 17.883  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.367 | 225  | 104375   | 19.369  | ug/l   | 99       |
| 95) Naphthalene               | 15.507 | 128  | 345561   | 16.453  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.700 | 180  | 139993   | 17.427  | ug/l   | 96       |

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Quant Title : SW846 8260  
QLast Update : Tue Jan 18 13:32:07 2022  
Response via : Initial Calibration

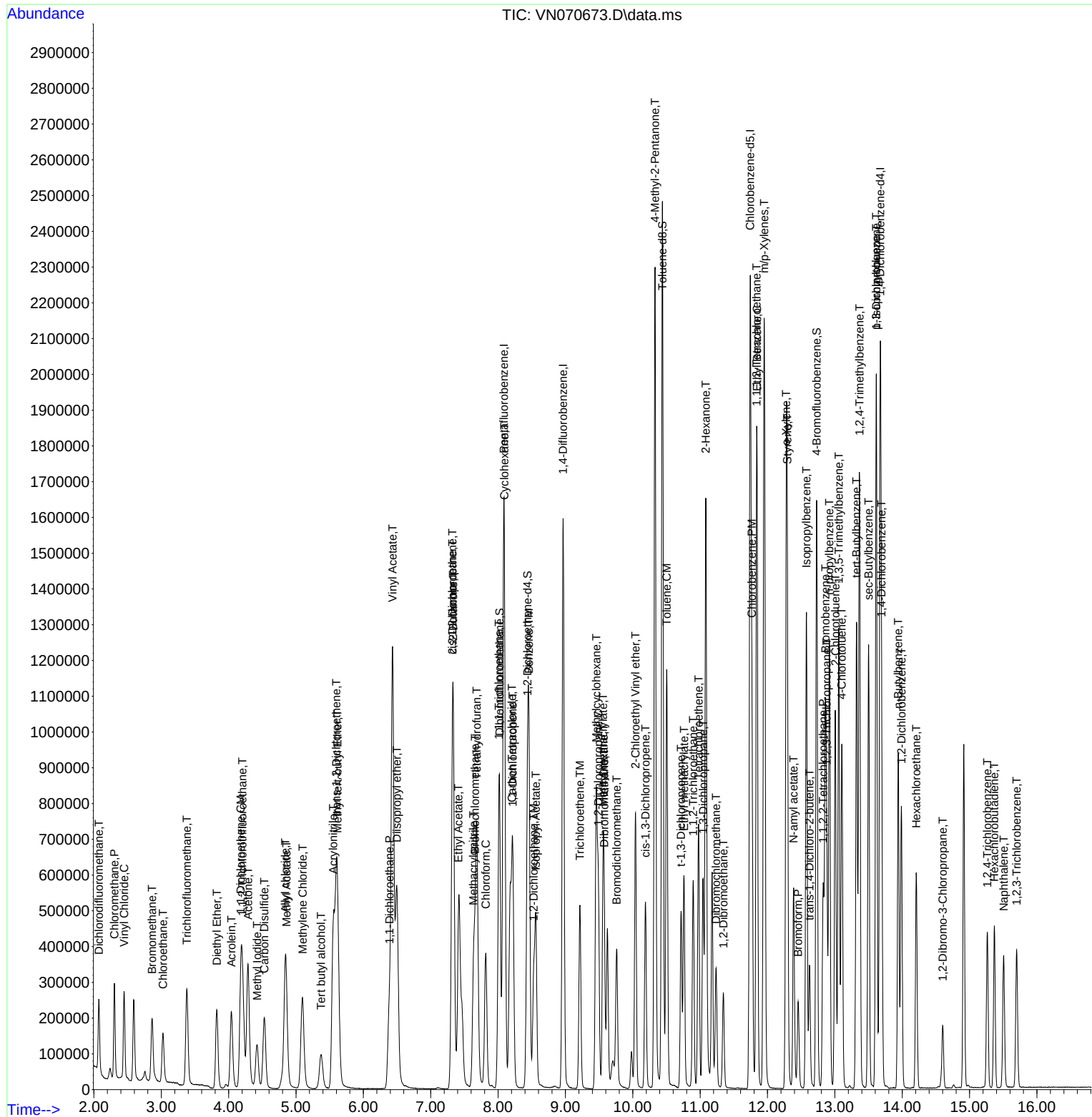
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

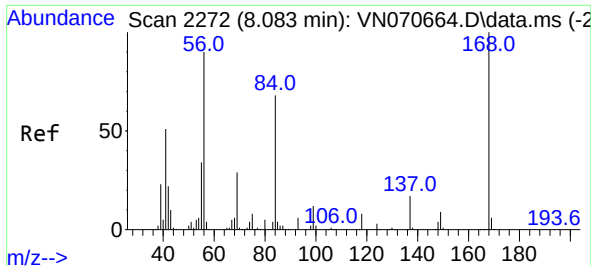
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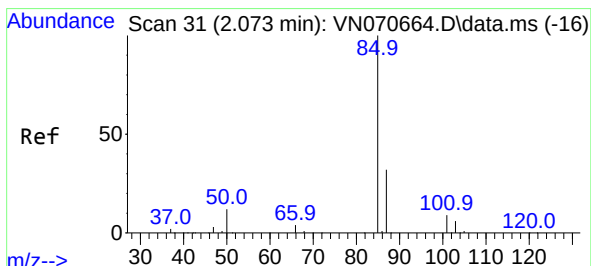
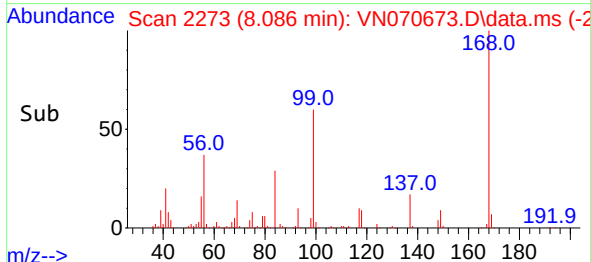
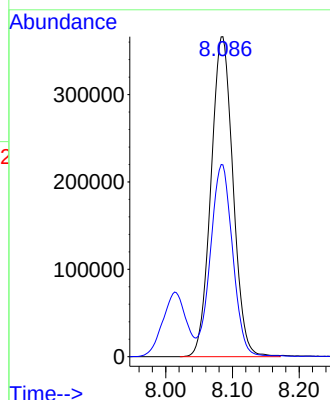
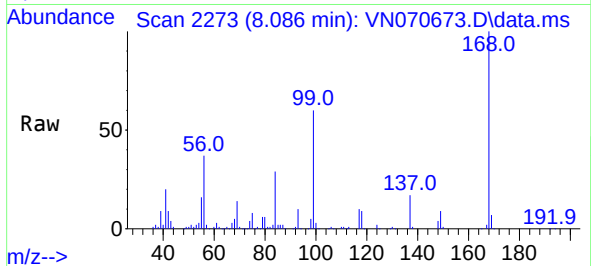




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

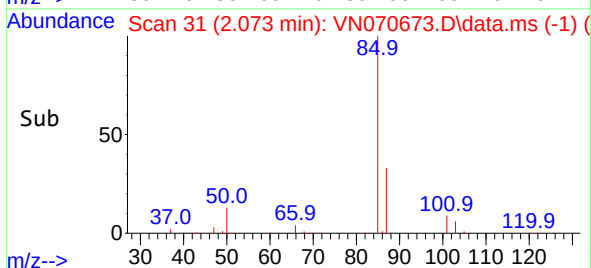
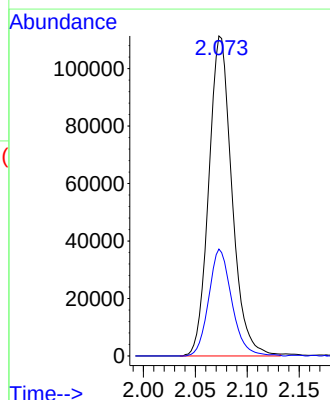
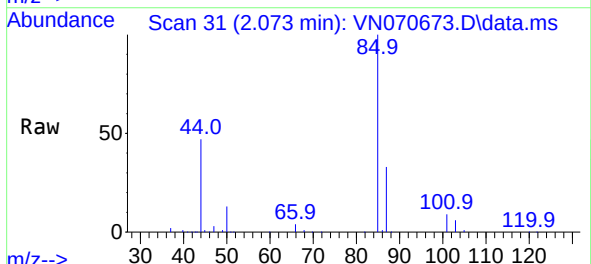
Instrument :  
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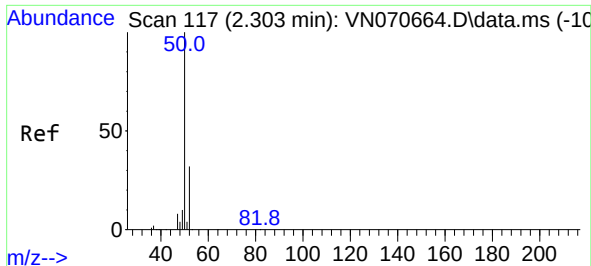
Tgt Ion:168 Resp: 841926  
Ion Ratio Lower Upper  
168 100  
99 59.6 41.3 61.9



#2  
Dichlorodifluoromethane  
Concen: 17.746 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 85 Resp: 172653  
Ion Ratio Lower Upper  
85 100  
87 33.4 16.3 48.9

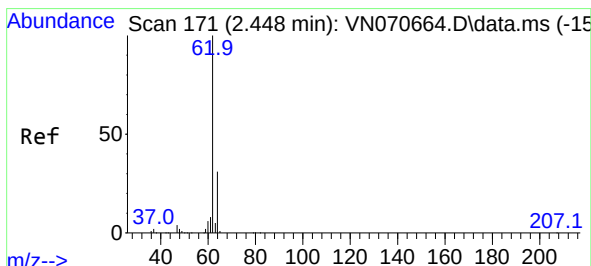
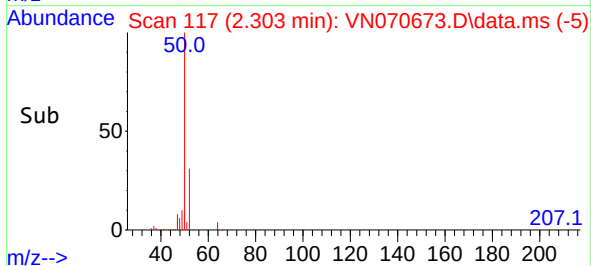
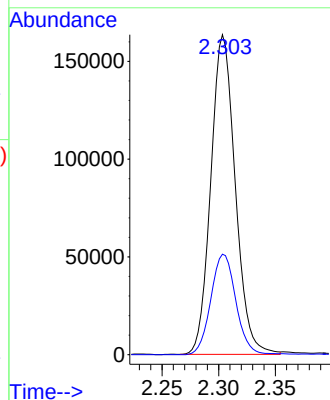
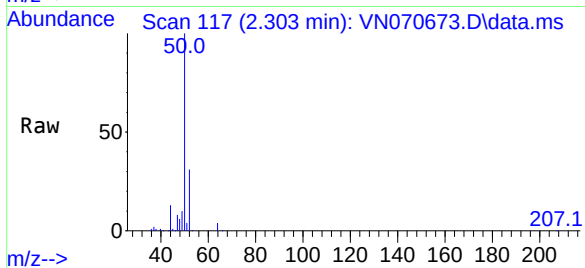




#3  
Chloromethane  
Concen: 17.240 ug/l  
RT: 2.303 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

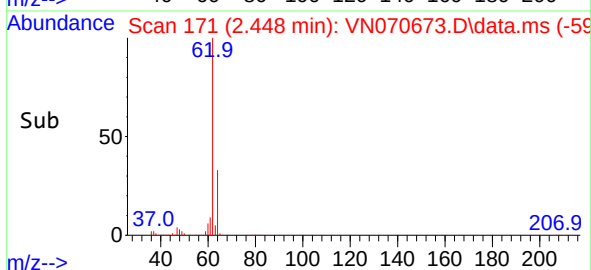
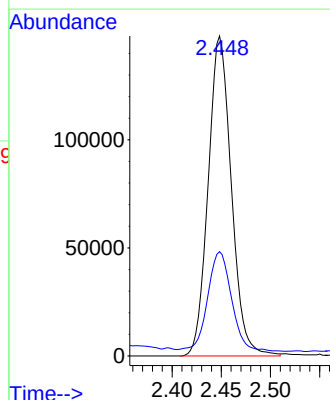
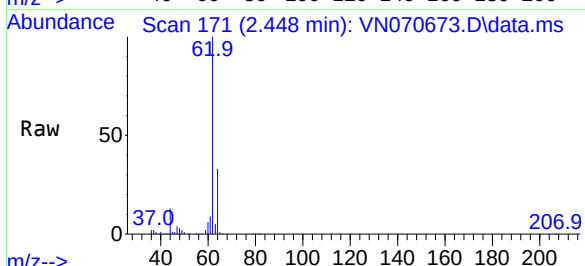
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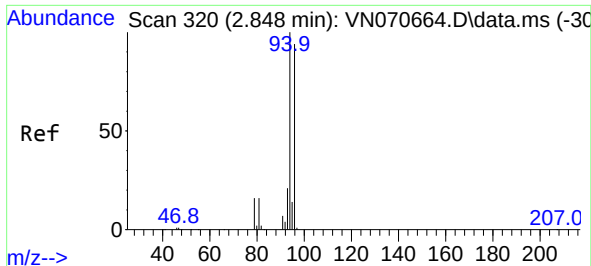
Tgt Ion: 50 Resp: 245168  
Ion Ratio Lower Upper  
50 100  
52 31.5 25.4 38.0



#4  
Vinyl Chloride  
Concen: 17.964 ug/l  
RT: 2.448 min Scan# 171  
Delta R.T. 0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 62 Resp: 242971  
Ion Ratio Lower Upper  
62 100  
64 31.1 25.8 38.6

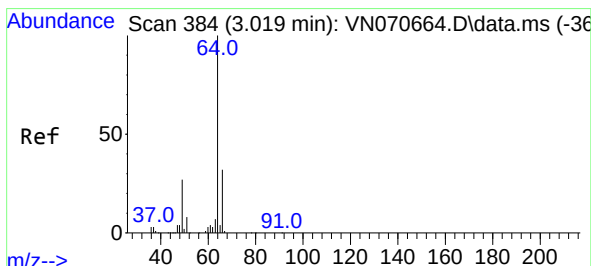
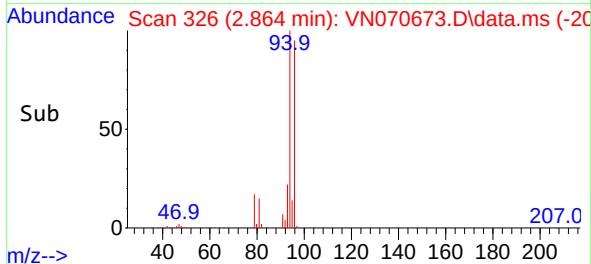
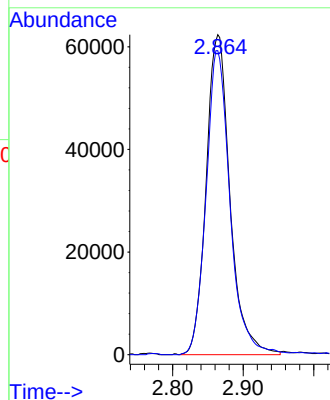
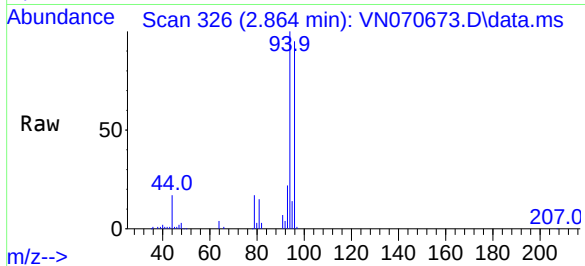




#5  
Bromomethane  
Concen: 20.833 ug/l  
RT: 2.864 min Scan# 31  
Delta R.T. 0.016 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

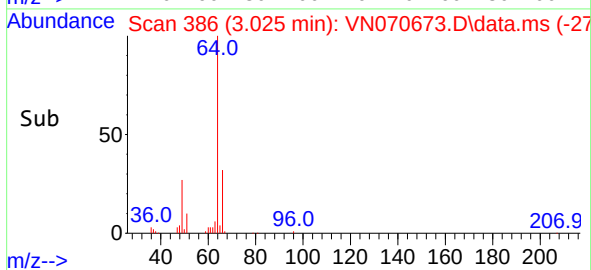
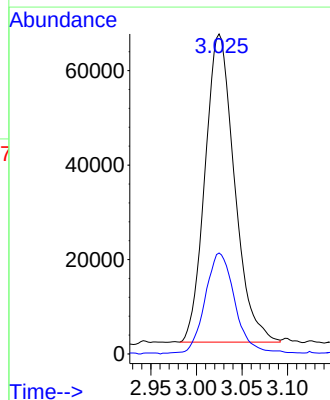
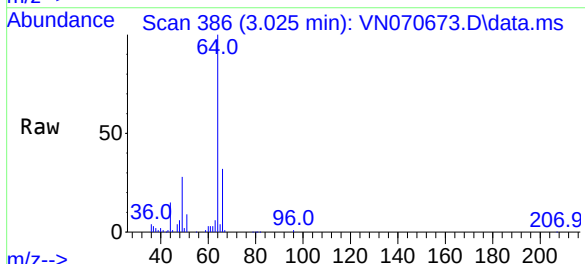
Instrument :  
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ClientSampleId :  
VN0118MBS01

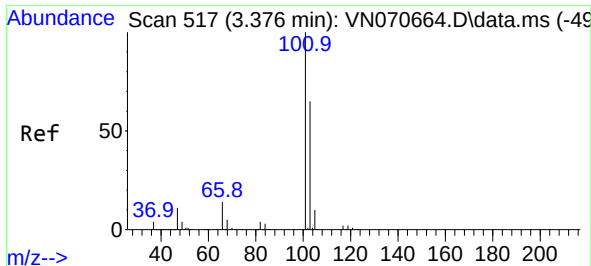
Tgt Ion: 94 Resp: 146755  
Ion Ratio Lower Upper  
94 100  
96 95.0 73.8 110.8



#6  
Chloroethane  
Concen: 17.358 ug/l  
RT: 3.025 min Scan# 386  
Delta R.T. 0.006 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 64 Resp: 146514  
Ion Ratio Lower Upper  
64 100  
66 32.2 26.3 39.5

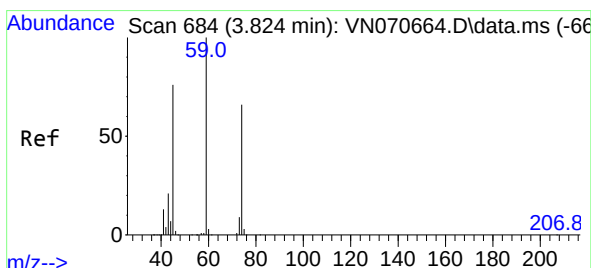
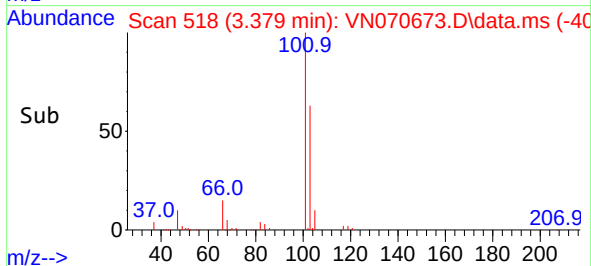
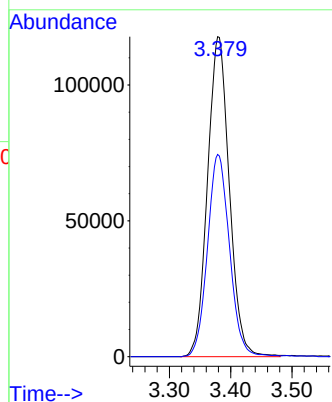
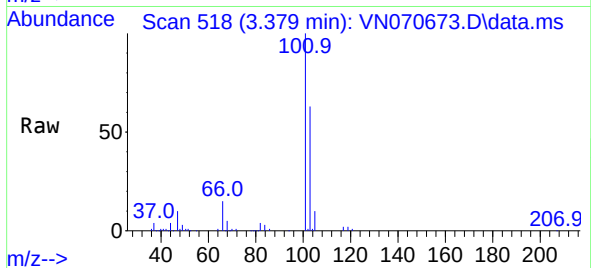




#7  
Trichlorofluoromethane  
Concen: 18.828 ug/l  
RT: 3.379 min Scan# 517  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

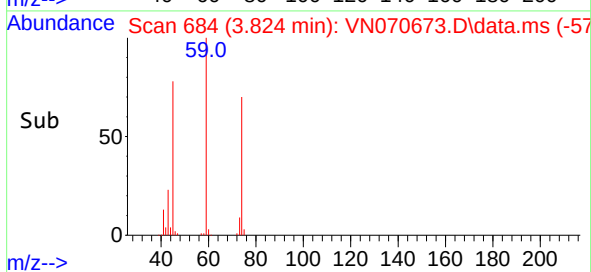
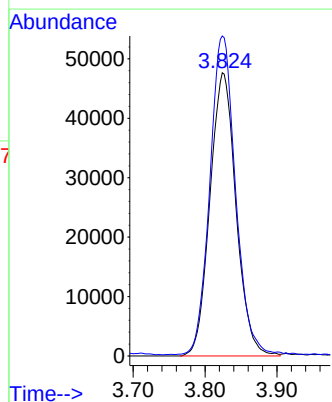
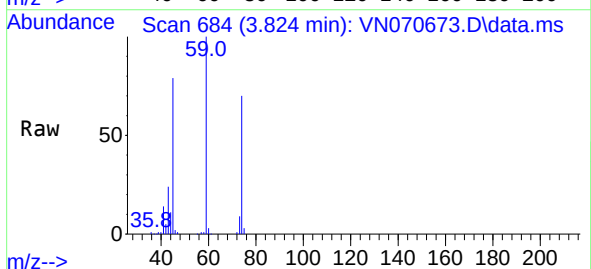
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

Tgt Ion:101 Resp: 290910  
Ion Ratio Lower Upper  
101 100  
103 63.2 50.1 75.1

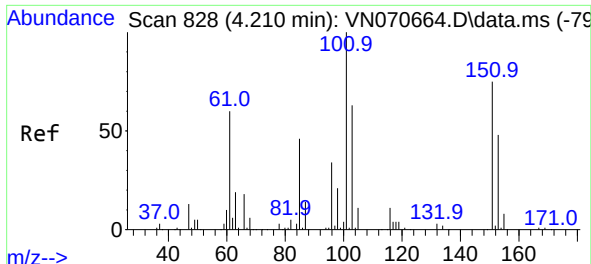


#8  
Diethyl Ether  
Concen: 17.778 ug/l  
RT: 3.824 min Scan# 684  
Delta R.T. 0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 74 Resp: 119990  
Ion Ratio Lower Upper  
74 100  
45 110.1 47.0 141.2



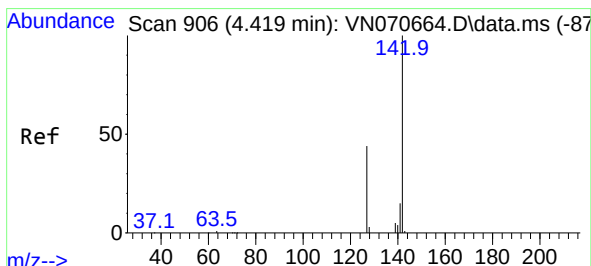
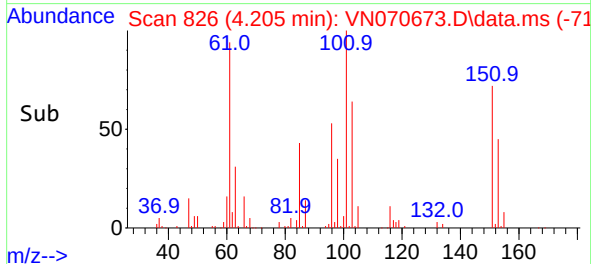
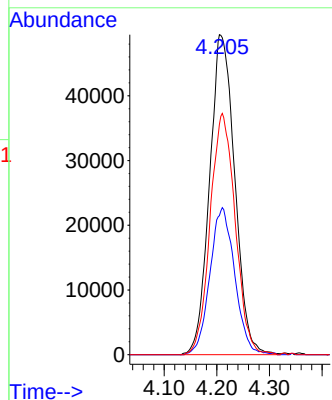
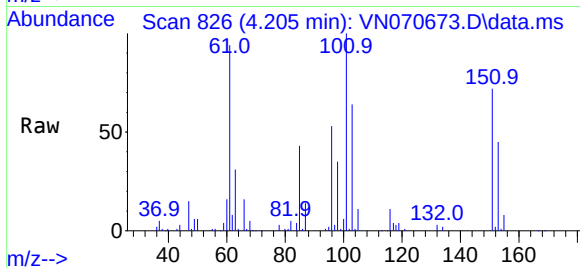




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.585 ug/l  
RT: 4.205 min Scan# 81  
Delta R.T. -0.005 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

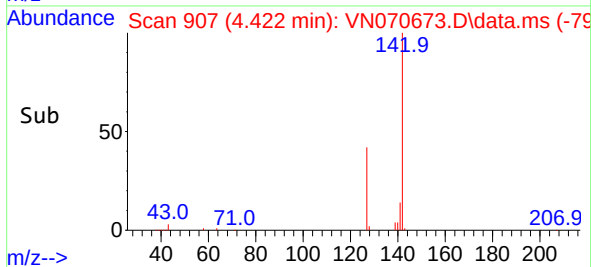
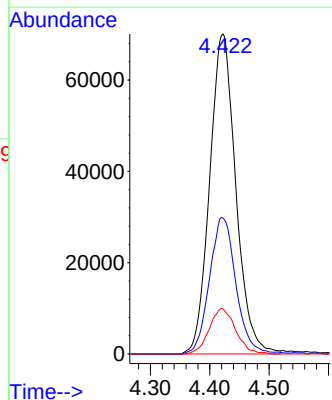
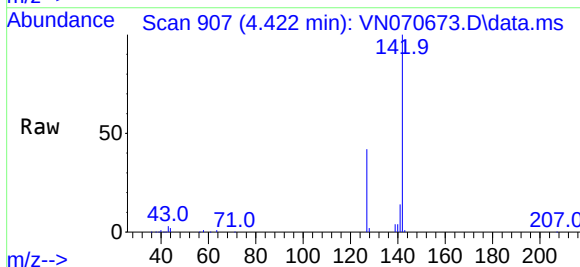
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

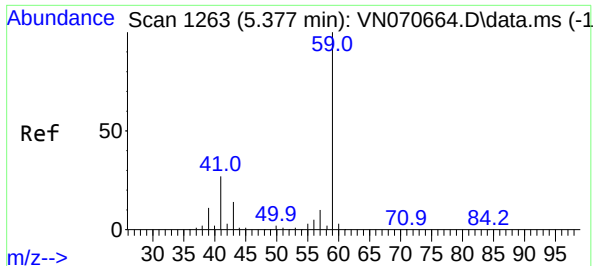
Tgt Ion:101 Resp: 164218  
Ion Ratio Lower Upper  
101 100  
85 45.3 37.2 55.8  
151 74.9 65.9 98.9



#10  
Methyl Iodide  
Concen: 17.829 ug/l  
RT: 4.422 min Scan# 907  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion:142 Resp: 214698  
Ion Ratio Lower Upper  
142 100  
127 43.0 35.4 53.0  
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 82.618 ug/l

RT: 5.374 min Scan# 1

Delta R.T. -0.003 min

Lab File: VN070673.D

Acq: 18 Jan 2022 18:34

Instrument :

MSVOA\_N

ClientSampleId :

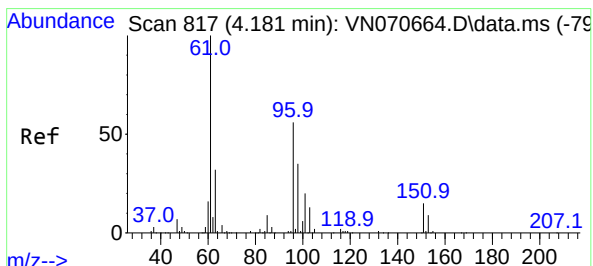
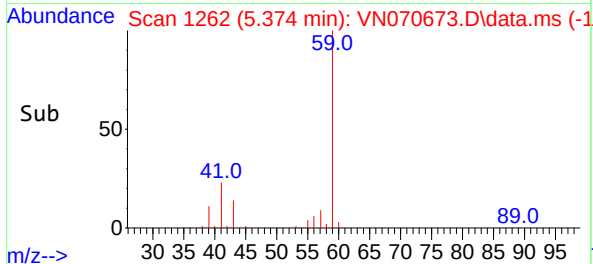
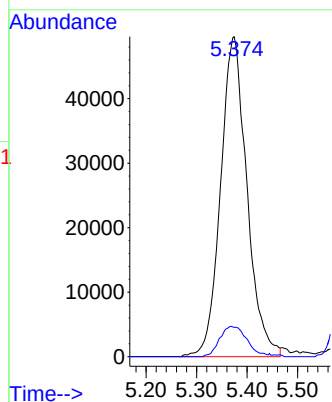
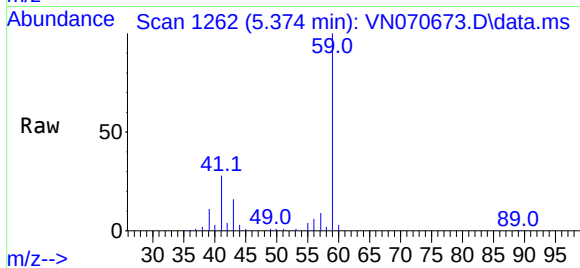
VN0118MBS01

Tgt Ion: 59 Resp: 179850

Ion Ratio Lower Upper

59 100

57 9.7 8.7 13.1



#12

1,1-Dichloroethene

Concen: 17.077 ug/l

RT: 4.181 min Scan# 817

Delta R.T. -0.000 min

Lab File: VN070673.D

Acq: 18 Jan 2022 18:34

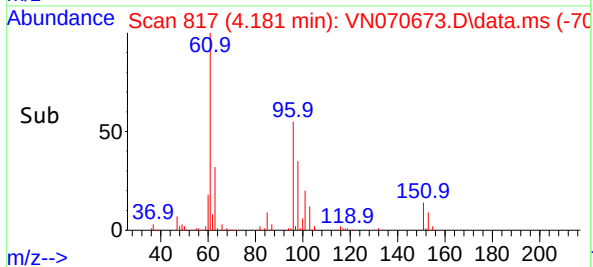
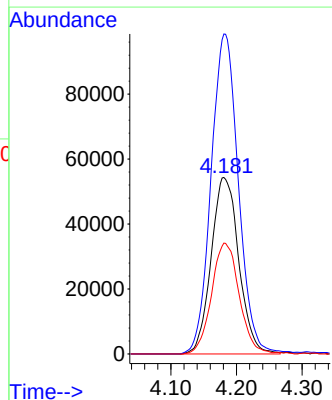
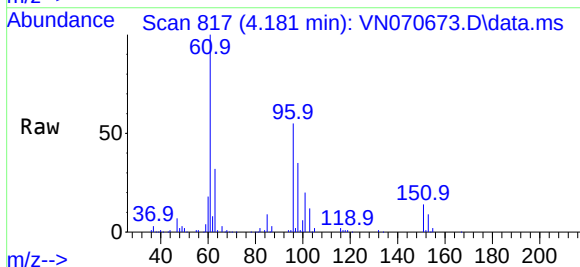
Tgt Ion: 96 Resp: 159055

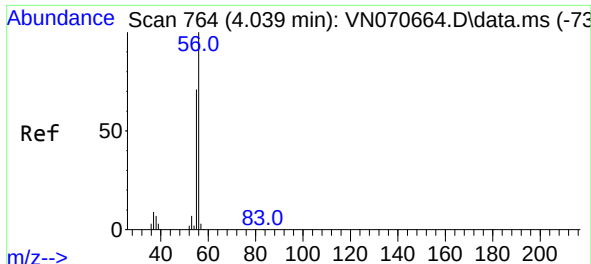
Ion Ratio Lower Upper

96 100

61 181.3 131.0 196.6

98 62.8 52.4 78.6

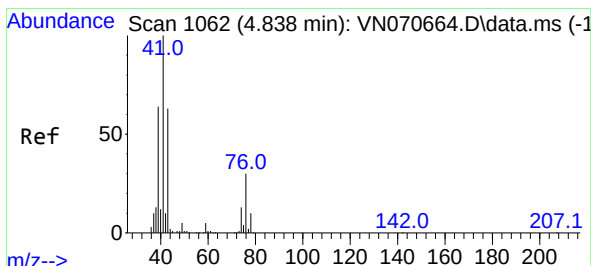
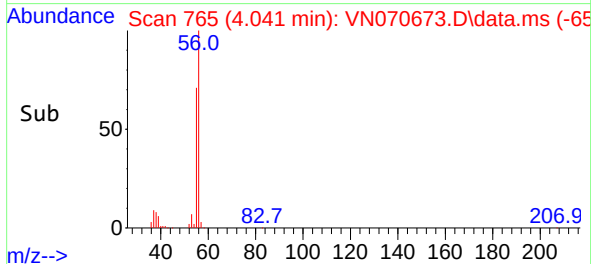
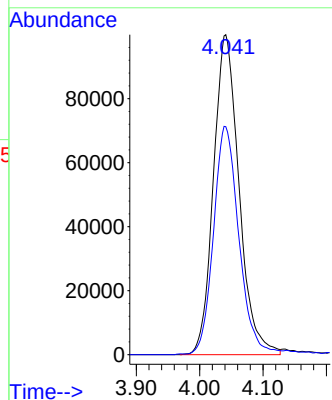
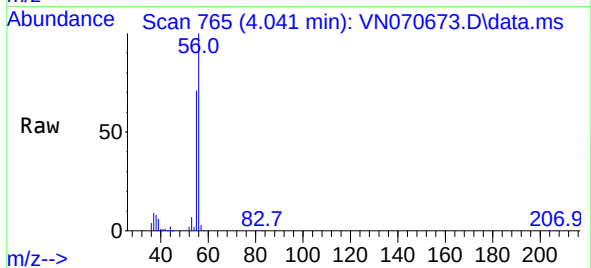




#13  
Acrolein  
Concen: 89.785 ug/l  
RT: 4.041 min Scan# 70  
Delta R.T. 0.002 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

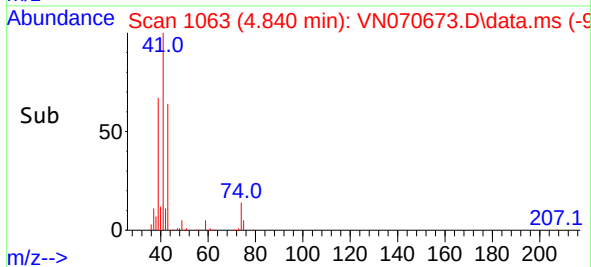
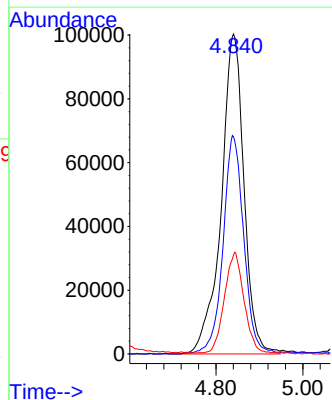
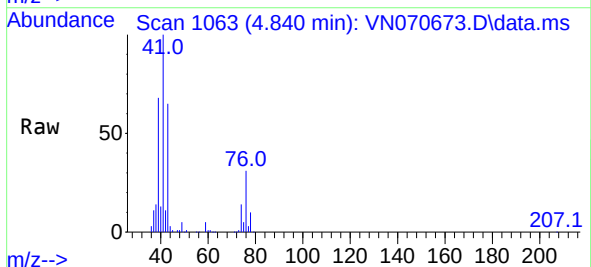
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

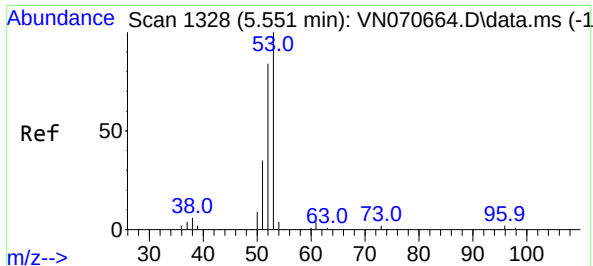
Tgt Ion: 56 Resp: 280314  
Ion Ratio Lower Upper  
56 100  
55 70.1 56.6 85.0



#14  
Allyl chloride  
Concen: 17.980 ug/l  
RT: 4.840 min Scan# 1063  
Delta R.T. 0.002 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 41 Resp: 364893  
Ion Ratio Lower Upper  
41 100  
39 62.1 61.2 91.8  
76 26.6 26.0 39.0

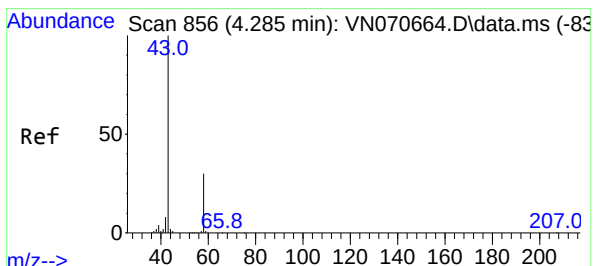
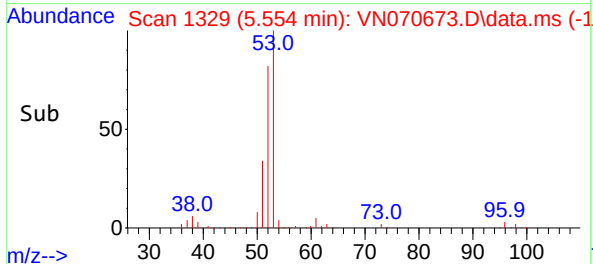
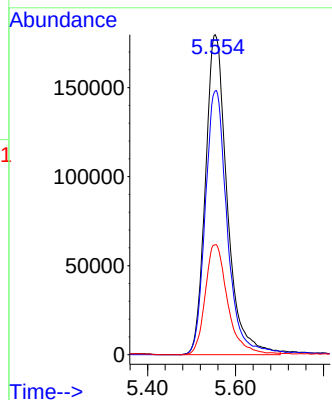
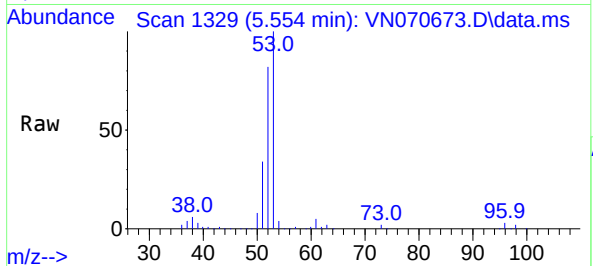




#15  
Acrylonitrile  
Concen: 89.251 ug/l  
RT: 5.554 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

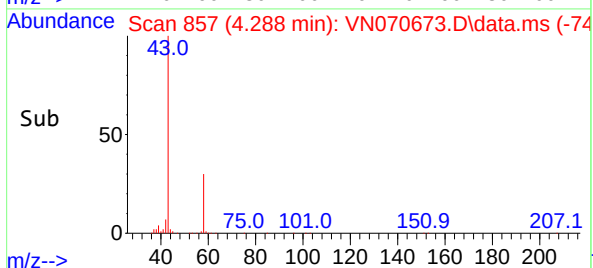
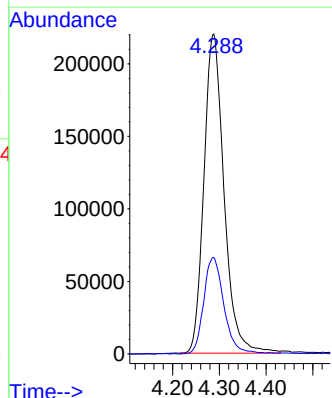
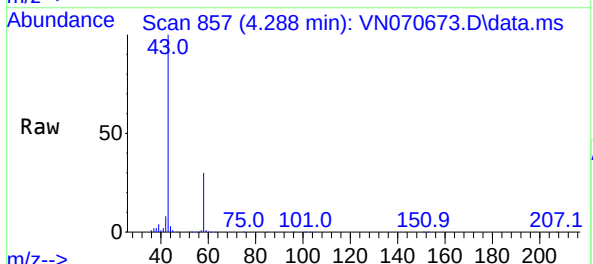
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

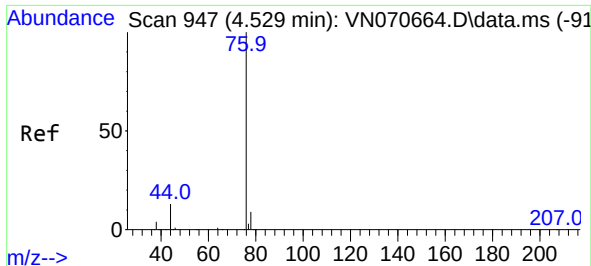
Tgt Ion: 53 Resp: 618073  
Ion Ratio Lower Upper  
53 100  
52 83.0 66.2 99.2  
51 35.4 29.6 44.4



#16  
Acetone  
Concen: 78.667 ug/l  
RT: 4.288 min Scan# 857  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 43 Resp: 658819  
Ion Ratio Lower Upper  
43 100  
58 30.2 23.1 34.7

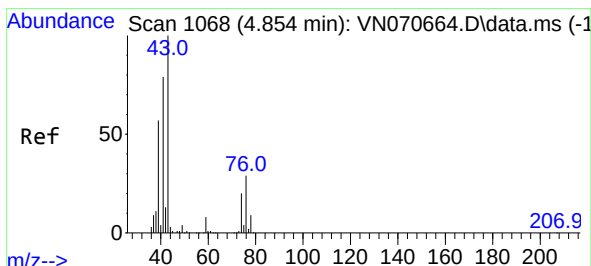
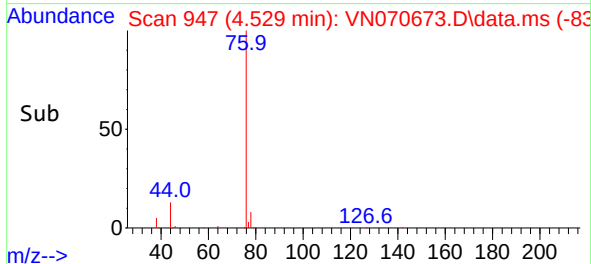
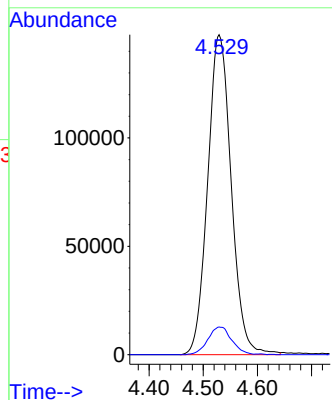
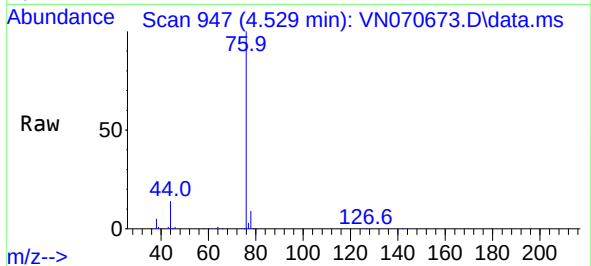




#17  
Carbon Disulfide  
Concen: 17.640 ug/l  
RT: 4.529 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

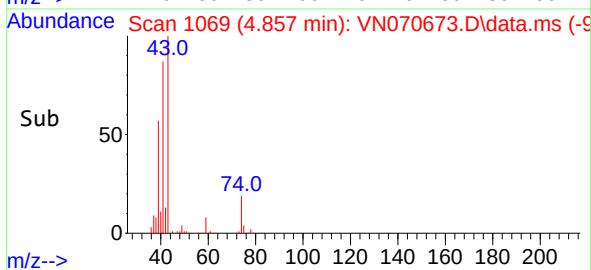
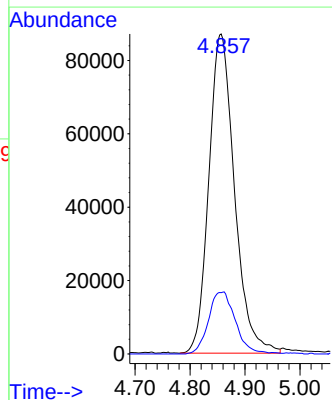
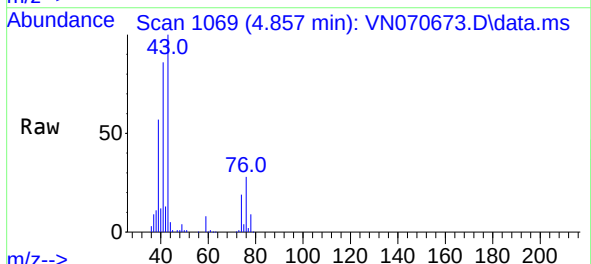
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

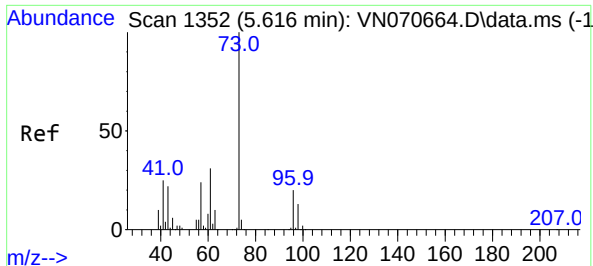
Tgt Ion: 76 Resp: 446209  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.5 11.3



#18  
Methyl Acetate  
Concen: 17.141 ug/l  
RT: 4.857 min Scan# 1069  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 43 Resp: 282308  
Ion Ratio Lower Upper  
43 100  
74 20.3 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 18.514 ug/l

RT: 5.616 min Scan# 1159

Delta R.T. -0.000 min

Lab File: VN070673.D

Acq: 18 Jan 2022 18:34

Instrument :

MSVOA\_N

ClientSampleId :

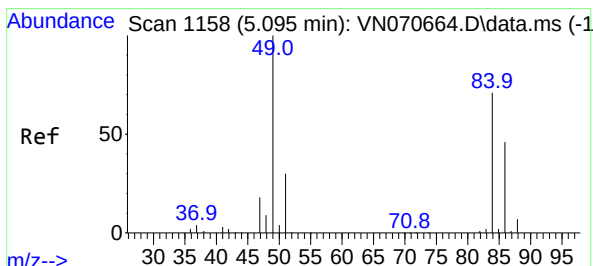
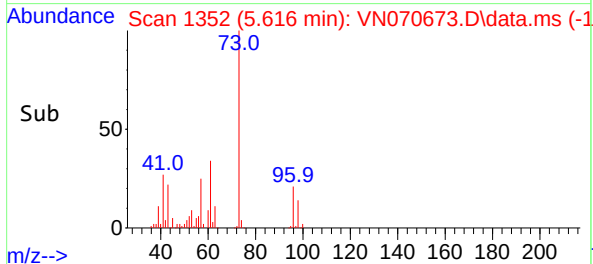
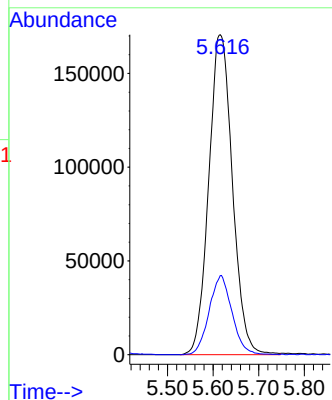
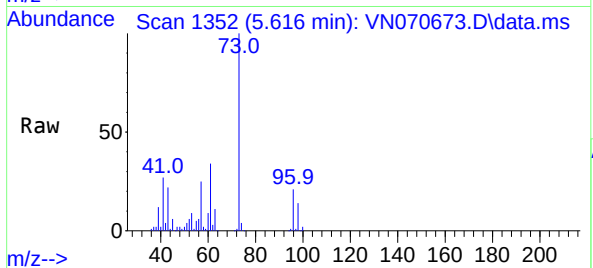
VN0118MBS01

Tgt Ion: 73 Resp: 616011

Ion Ratio Lower Upper

73 100

57 24.7 16.8 25.2



#20

Methylene Chloride

Concen: 18.088 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.003 min

Lab File: VN070673.D

Acq: 18 Jan 2022 18:34

Tgt Ion: 84 Resp: 199541

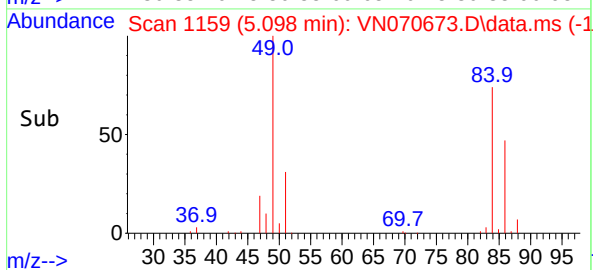
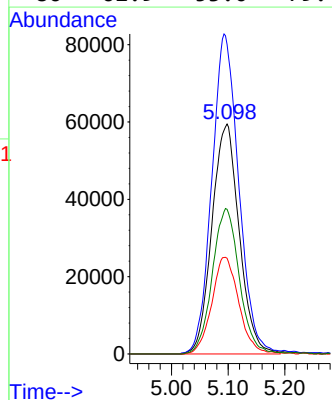
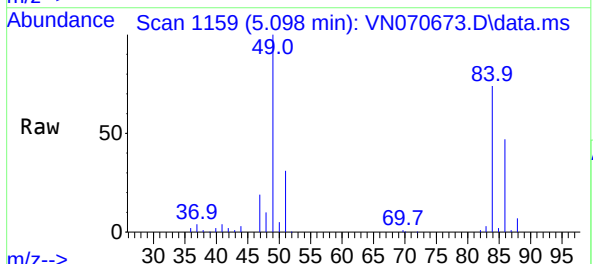
Ion Ratio Lower Upper

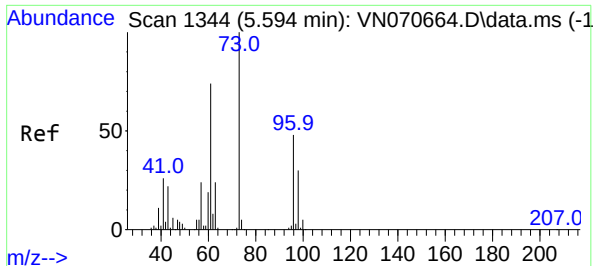
84 100

49 134.6 93.5 140.3

51 41.6 29.4 44.2

86 62.9 53.0 79.4

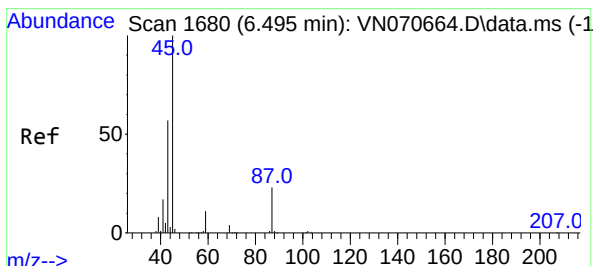
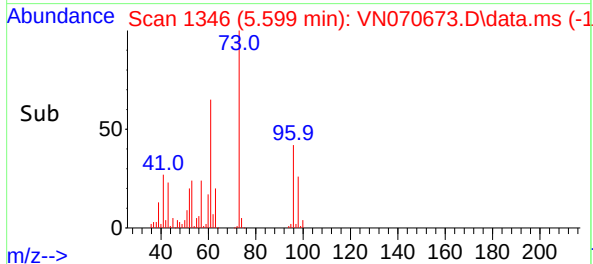
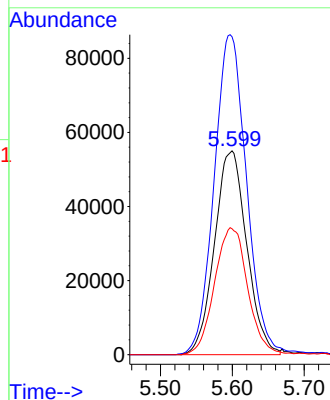
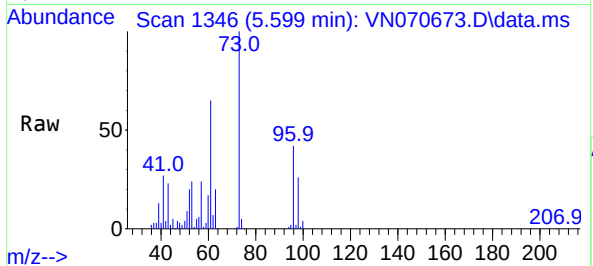




#21  
trans-1,2-Dichloroethene  
Concen: 18.292 ug/l  
RT: 5.599 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

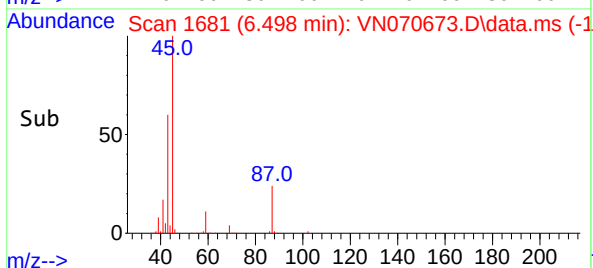
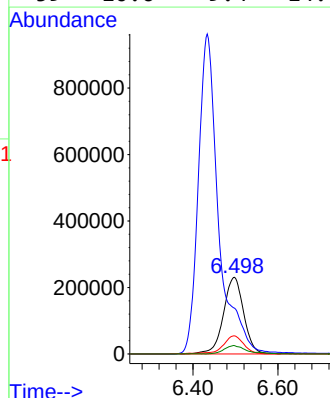
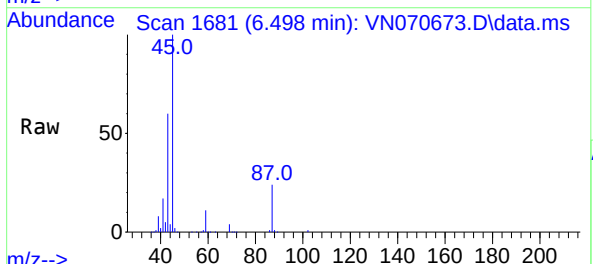
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

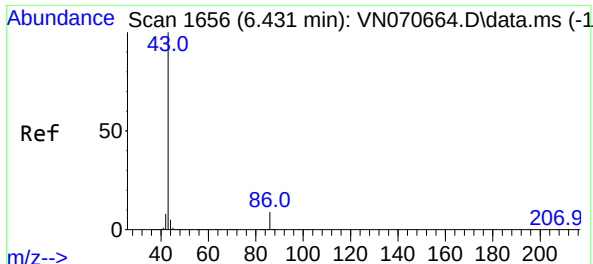
Tgt Ion: 96 Resp: 171474  
Ion Ratio Lower Upper  
96 100  
61 155.5 105.8 158.6  
98 61.8 52.0 78.0



#22  
Diisopropyl ether  
Concen: 19.007 ug/l  
RT: 6.498 min Scan# 1681  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 45 Resp: 764553  
Ion Ratio Lower Upper  
45 100  
43 58.7 51.7 77.5  
87 23.6 23.2 34.8  
59 10.6 9.4 14.0





#23

Vinyl Acetate

Concen: 93.562 ug/l

RT: 6.434 min Scan# 1

Delta R.T. 0.003 min

Lab File: VN070673.D

Acq: 18 Jan 2022 18:34

Instrument :

MSVOA\_N

ClientSampleId :

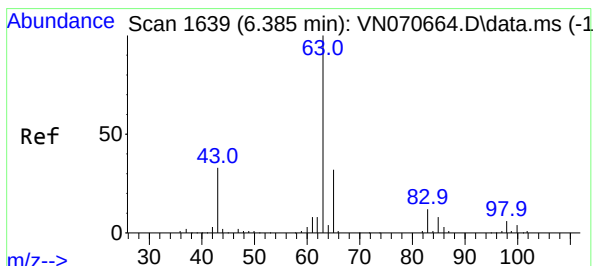
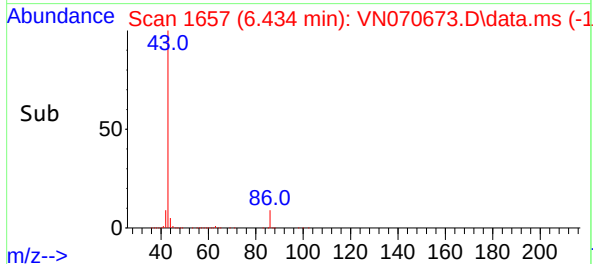
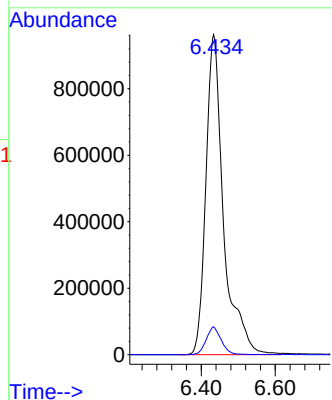
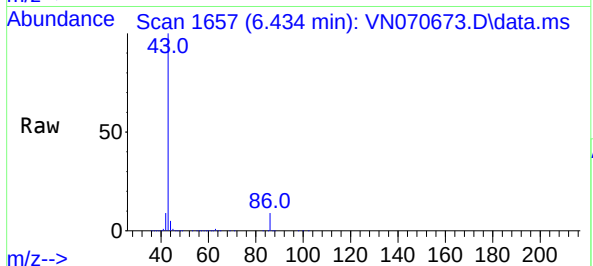
VN0118MBS01

Tgt Ion: 43 Resp: 3190236

Ion Ratio Lower Upper

43 100

86 8.7 8.5 12.7



#24

1,1-Dichloroethane

Concen: 18.636 ug/l

RT: 6.385 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VN070673.D

Acq: 18 Jan 2022 18:34

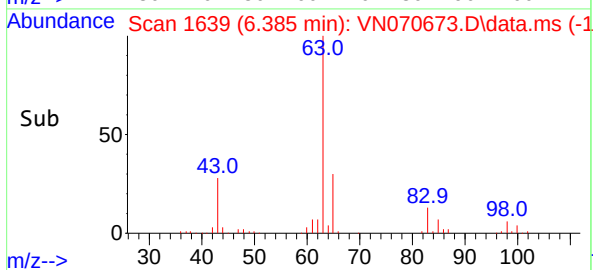
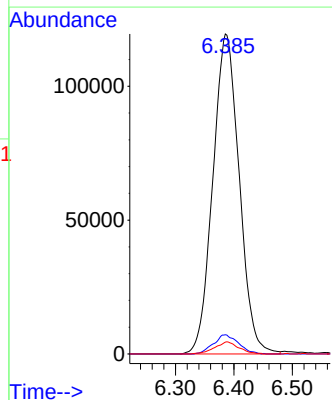
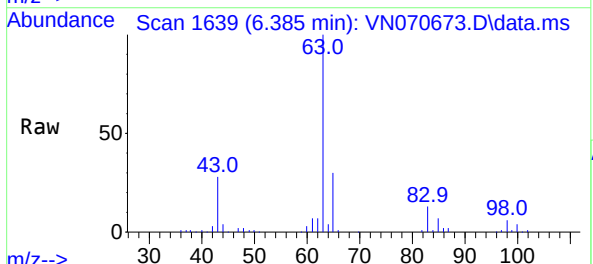
Tgt Ion: 63 Resp: 374978

Ion Ratio Lower Upper

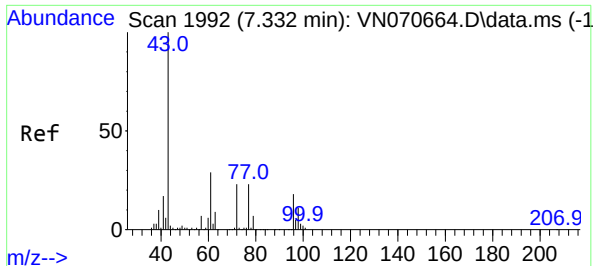
63 100

98 6.0 3.3 9.9

100 3.7 2.1 6.5







#25

2-Butanone

Concen: 85.537 ug/l

RT: 7.332 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VN070673.D

Acq: 18 Jan 2022 18:34

Instrument :

MSVOA\_N

ClientSampleId :

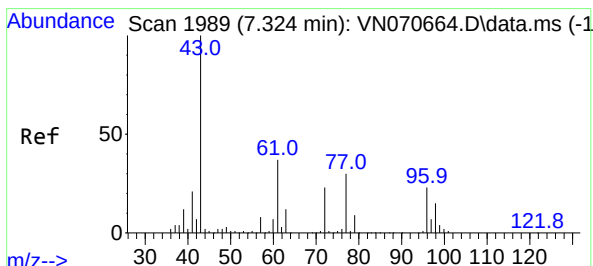
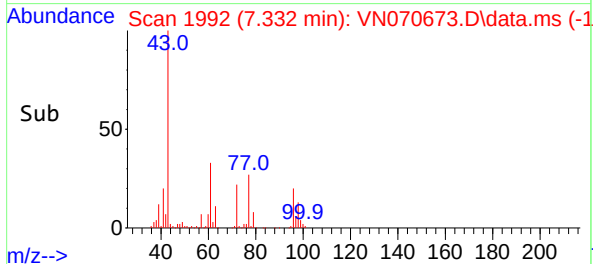
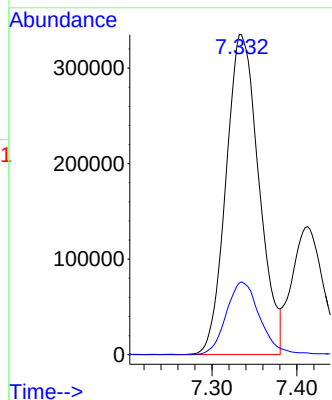
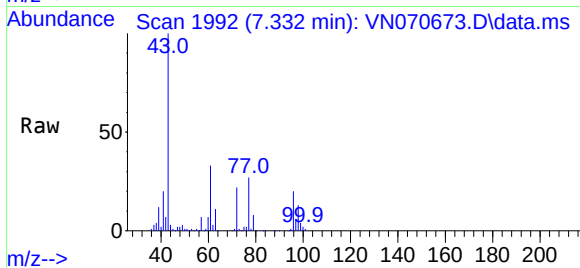
VN0118MBS01

Tgt Ion: 43 Resp: 901414

Ion Ratio Lower Upper

43 100

72 22.4 21.7 32.5



#26

2,2-Dichloropropane

Concen: 18.039 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.000 min

Lab File: VN070673.D

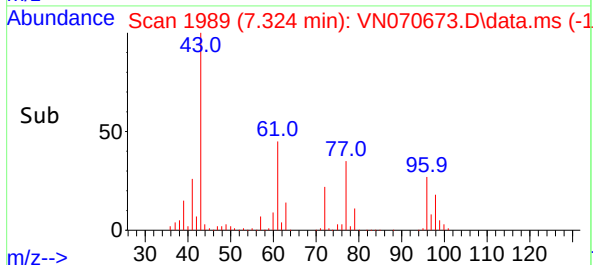
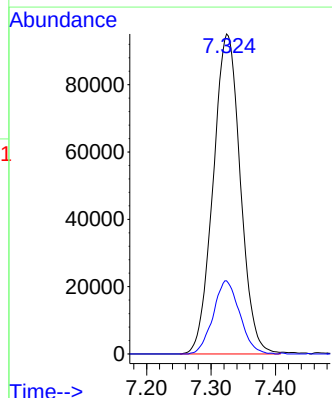
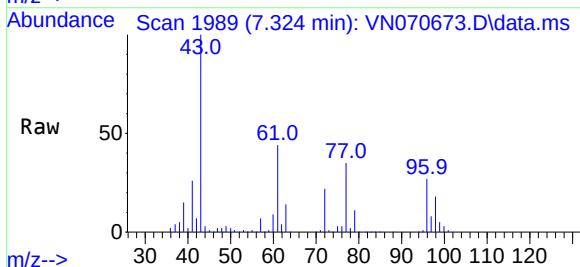
Acq: 18 Jan 2022 18:34

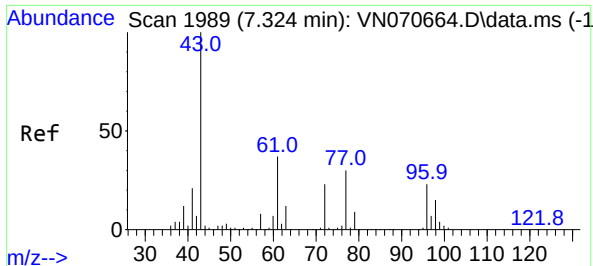
Tgt Ion: 77 Resp: 278288

Ion Ratio Lower Upper

77 100

97 22.3 11.6 34.8

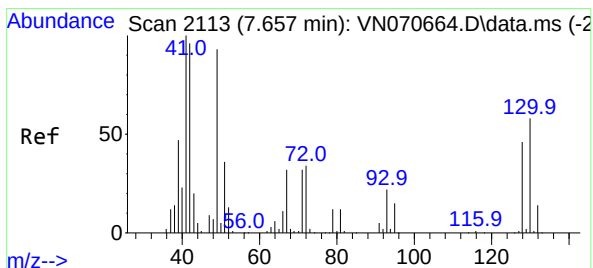
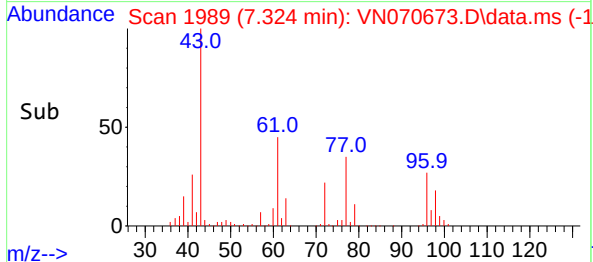
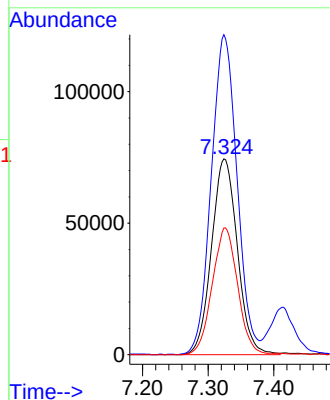
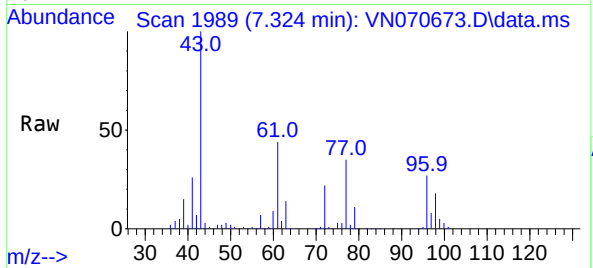




#27  
 cis-1,2-Dichloroethene  
 Concen: 18.344 ug/l  
 RT: 7.324 min Scan# 1989  
 Delta R.T. -0.000 min  
 Lab File: VN070673.D  
 Acq: 18 Jan 2022 18:34

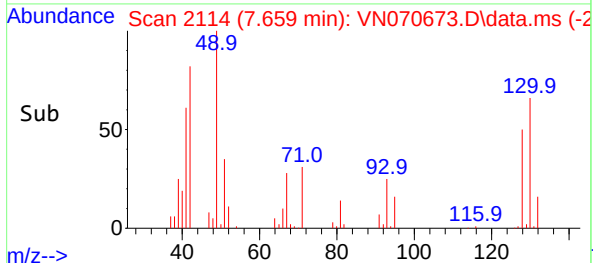
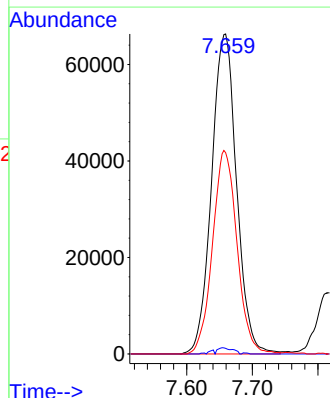
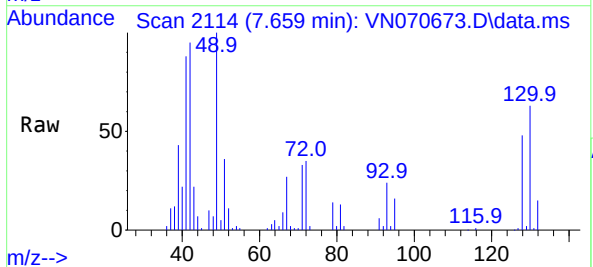
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0118MBS01

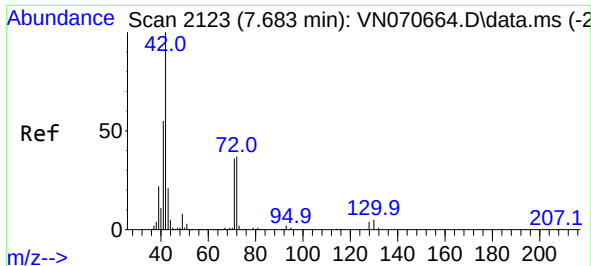
Tgt Ion: 96 Resp: 204276  
 Ion Ratio Lower Upper  
 96 100  
 61 162.4 0.0 275.0  
 98 63.6 0.0 129.6



#28  
 Bromochloromethane  
 Concen: 19.445 ug/l  
 RT: 7.659 min Scan# 2114  
 Delta R.T. 0.002 min  
 Lab File: VN070673.D  
 Acq: 18 Jan 2022 18:34

Tgt Ion: 49 Resp: 175666  
 Ion Ratio Lower Upper  
 49 100  
 129 1.2 0.0 4.0  
 130 62.3 67.8 101.8#

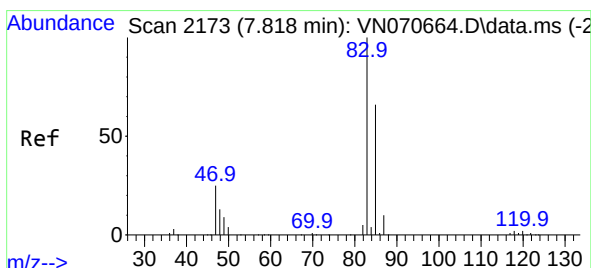
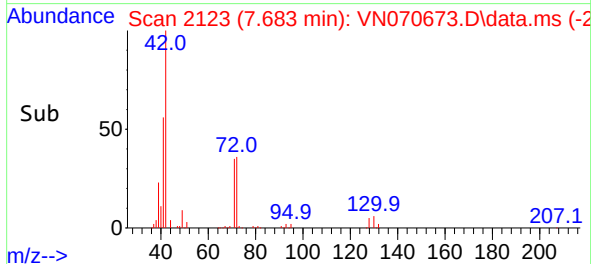
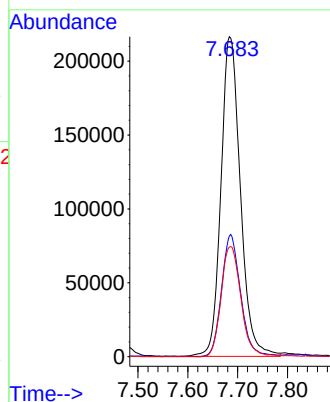
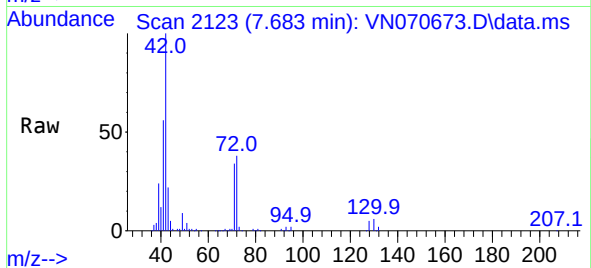




#29  
Tetrahydrofuran  
Concen: 90.925 ug/l  
RT: 7.683 min Scan# 2123  
Delta R.T. 0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

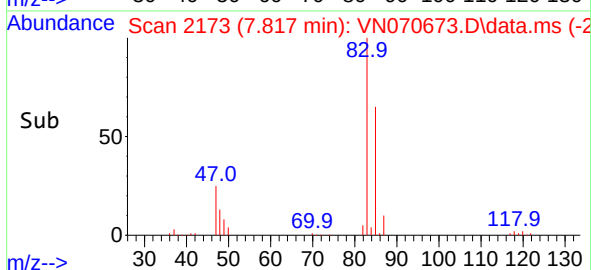
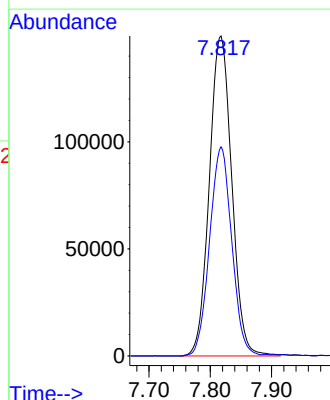
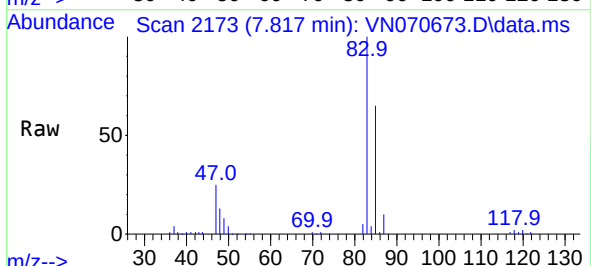
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

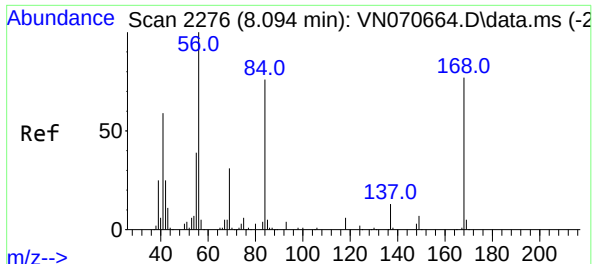
Tgt Ion: 42 Resp: 586708  
Ion Ratio Lower Upper  
42 100  
72 37.4 36.3 54.5  
71 34.9 34.7 52.1



#30  
Chloroform  
Concen: 19.053 ug/l  
RT: 7.817 min Scan# 2173  
Delta R.T. -0.001 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 83 Resp: 380521  
Ion Ratio Lower Upper  
83 100  
85 65.3 51.9 77.9

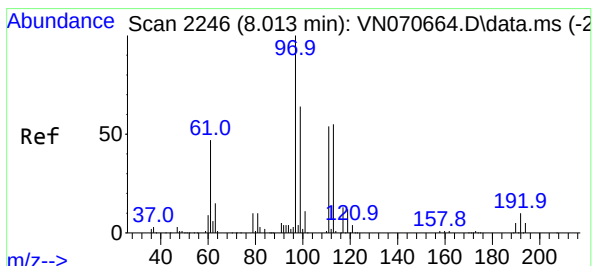
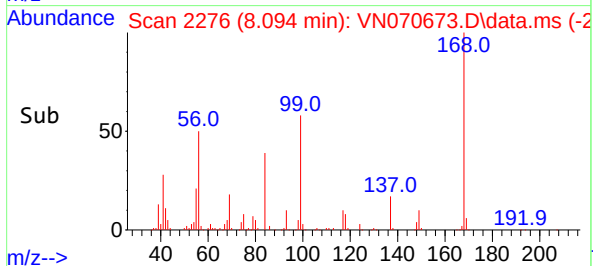
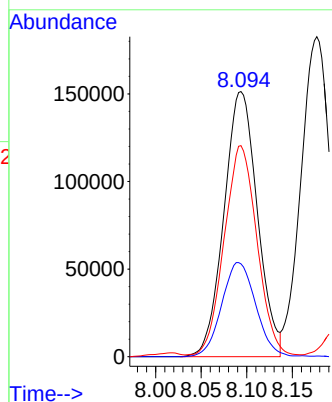
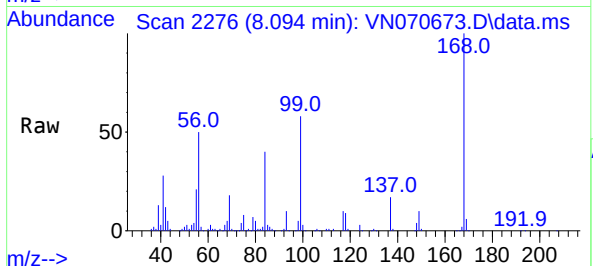




#31  
Cyclohexane  
Concen: 18.198 ug/l  
RT: 8.094 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

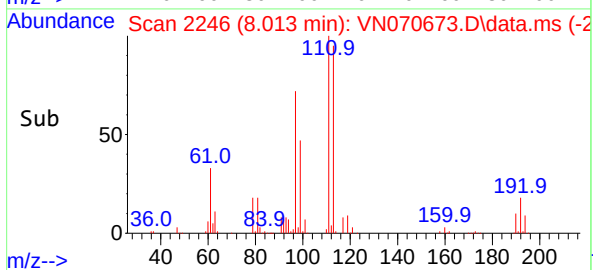
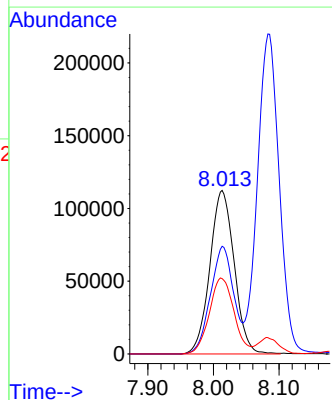
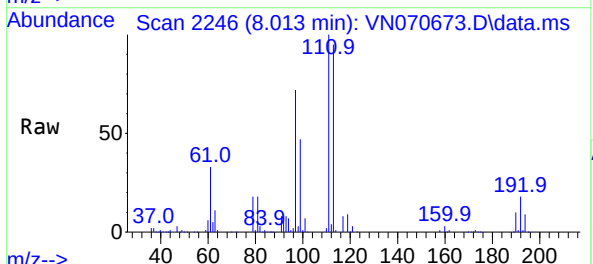
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

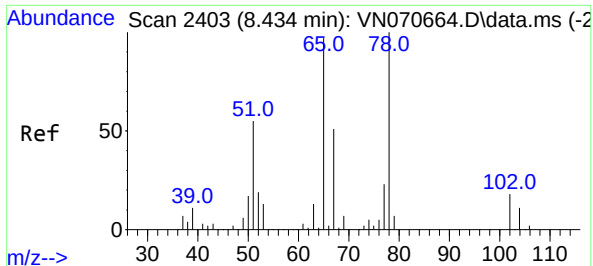
Tgt Ion: 56 Resp: 386656  
Ion Ratio Lower Upper  
56 100  
69 35.0 27.1 40.7  
84 78.7 73.4 110.0



#32  
1,1,1-Trichloroethane  
Concen: 18.563 ug/l  
RT: 8.013 min Scan# 2246  
Delta R.T. 0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 97 Resp: 289910  
Ion Ratio Lower Upper  
97 100  
99 63.1 50.1 75.1  
61 47.3 35.2 52.8

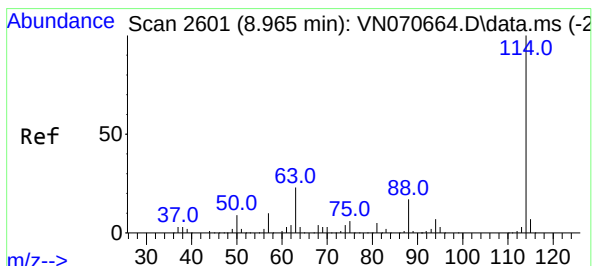
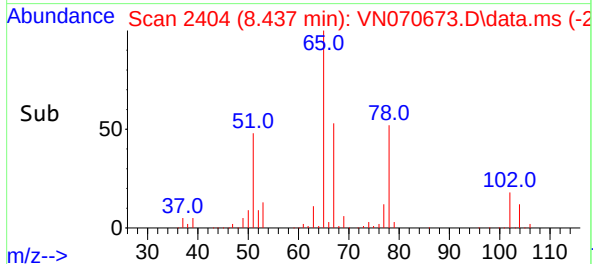
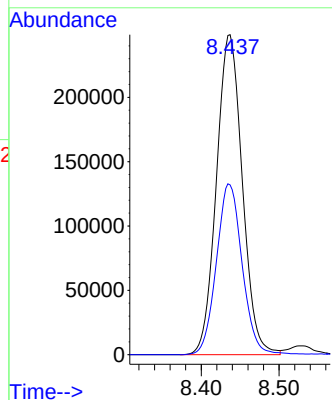
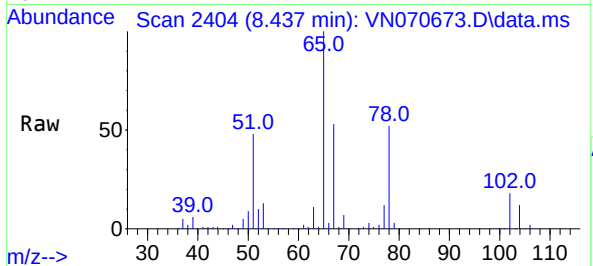




#33  
1,2-Dichloroethane-d4  
Concen: 47.581 ug/l  
RT: 8.437 min Scan# 2403  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

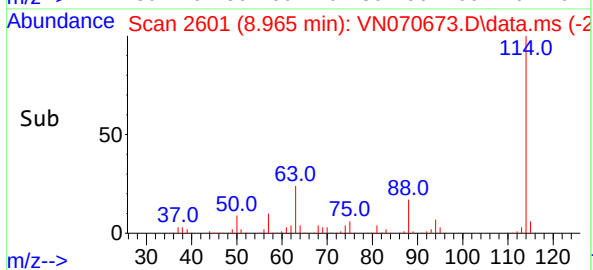
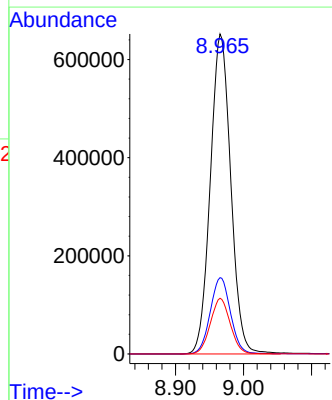
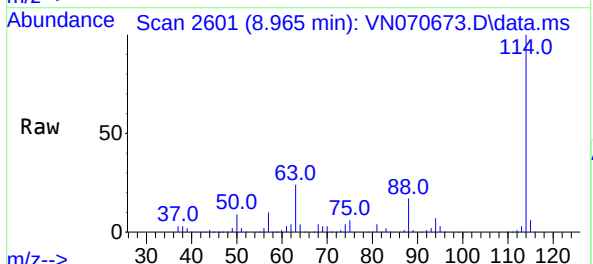
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

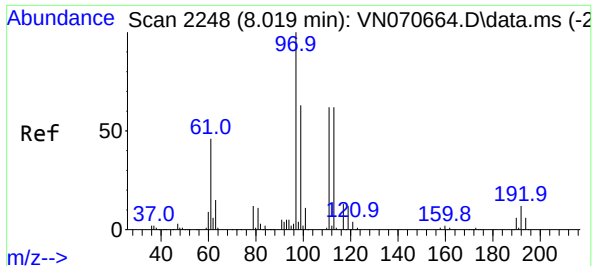
Tgt Ion: 65 Resp: 574114  
Ion Ratio Lower Upper  
65 100  
67 53.2 0.0 103.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.965 min Scan# 2601  
Delta R.T. 0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 114 Resp: 1360511  
Ion Ratio Lower Upper  
114 100  
63 23.9 0.0 37.8  
88 17.4 0.0 27.4

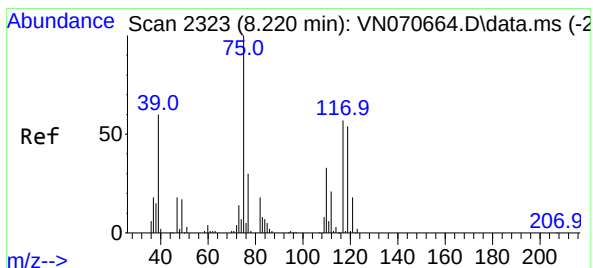
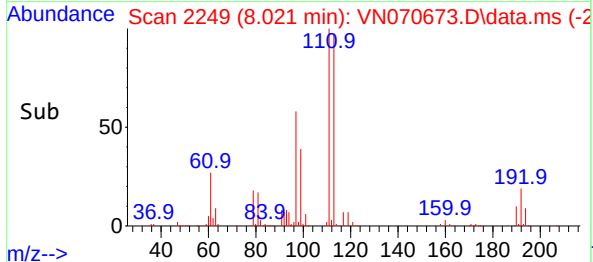
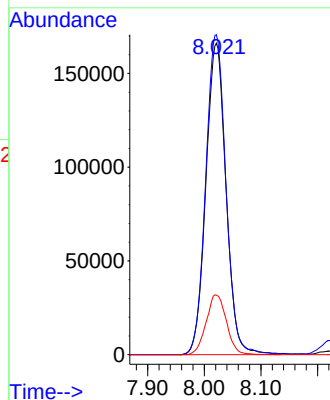
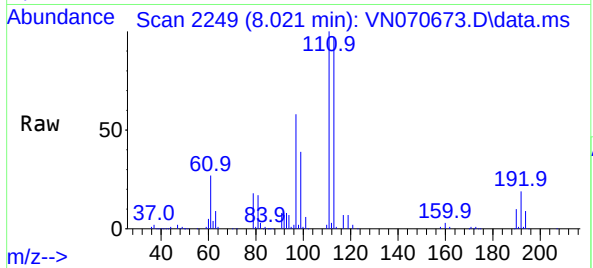




#35  
Dibromofluoromethane  
Concen: 48.603 ug/l  
RT: 8.021 min Scan# 211  
Delta R.T. 0.002 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

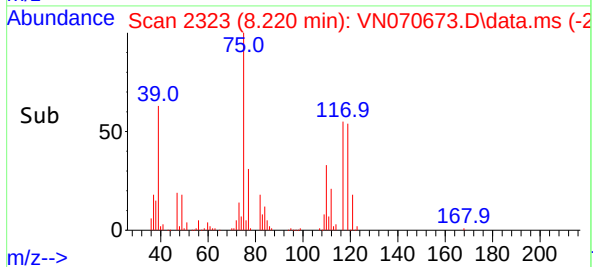
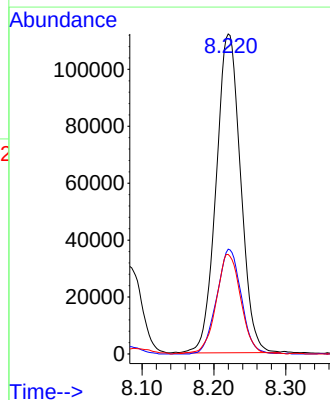
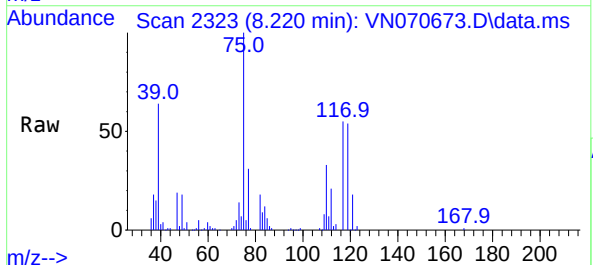
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

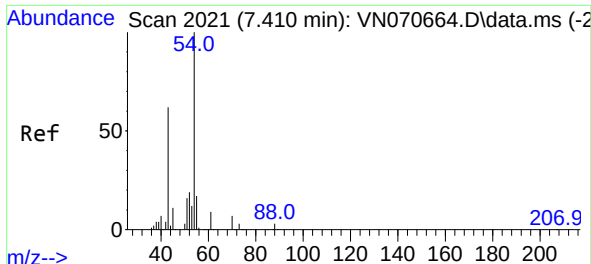
Tgt Ion:113 Resp: 410171  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.2 123.2  
192 19.4 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 18.625 ug/l  
RT: 8.220 min Scan# 2323  
Delta R.T. -0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 75 Resp: 264617  
Ion Ratio Lower Upper  
75 100  
110 32.9 18.4 55.2  
77 31.6 24.4 36.6

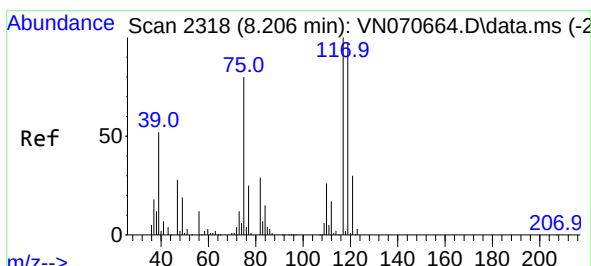
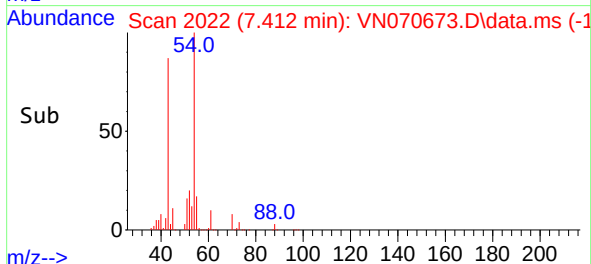
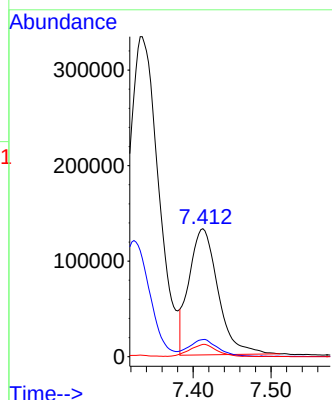
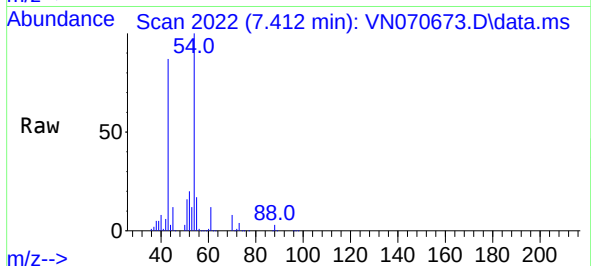




#37  
Ethyl Acetate  
Concen: 18.134 ug/l  
RT: 7.412 min Scan# 2021  
Delta R.T. 0.002 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

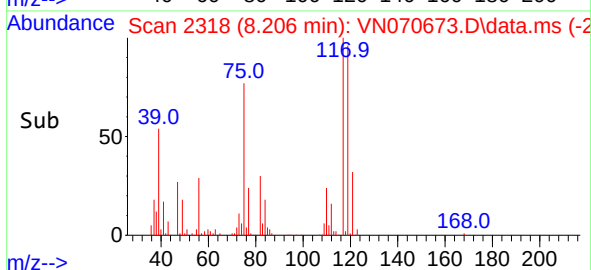
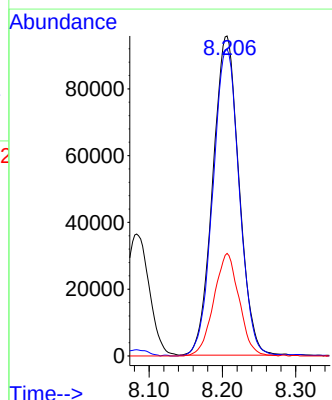
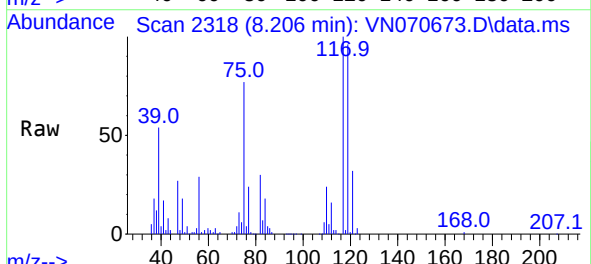
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

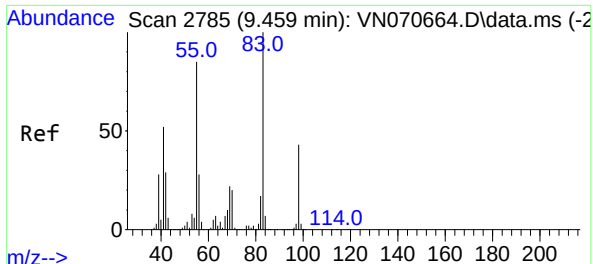
Tgt Ion: 43 Resp: 342041  
Ion Ratio Lower Upper  
43 100  
61 13.2 11.5 17.3  
70 8.9 7.9 11.9



#38  
Carbon Tetrachloride  
Concen: 18.797 ug/l  
RT: 8.206 min Scan# 2318  
Delta R.T. 0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 117 Resp: 237580  
Ion Ratio Lower Upper  
117 100  
119 96.0 76.1 114.1  
121 32.2 24.2 36.2

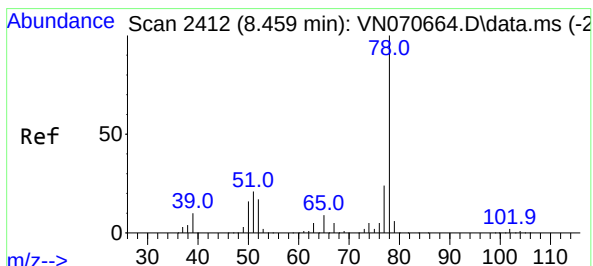
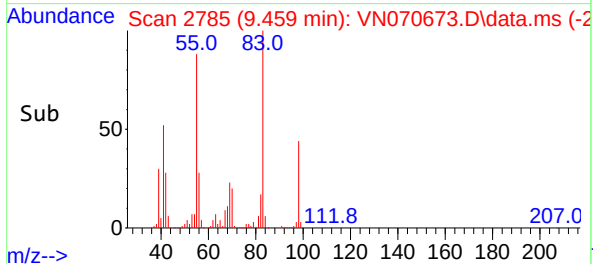
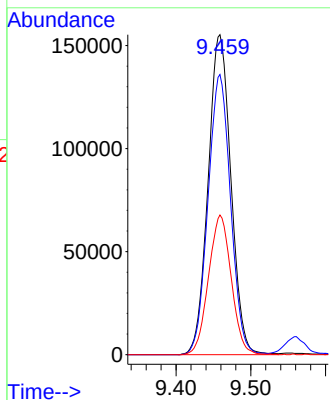
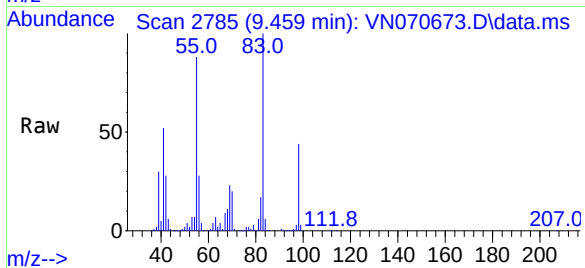




#39  
Methylcyclohexane  
Concen: 18.776 ug/l  
RT: 9.459 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

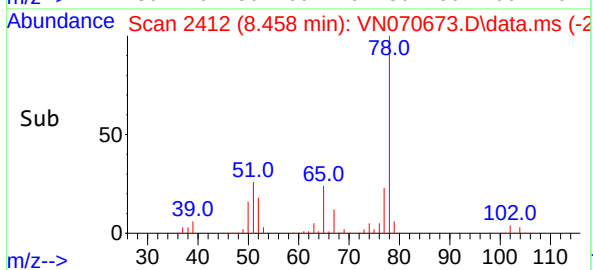
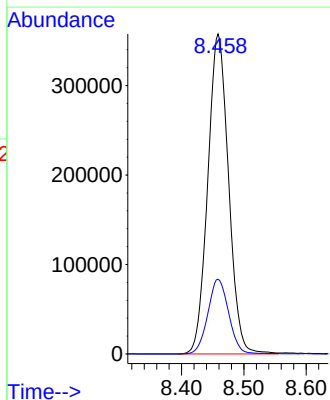
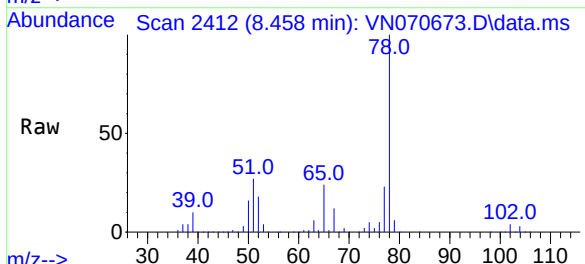
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

Tgt Ion: 83 Resp: 329330  
Ion Ratio Lower Upper  
83 100  
55 87.6 58.1 87.1#  
98 43.7 38.4 57.6

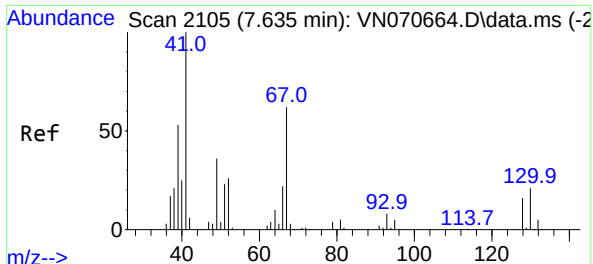


#40  
Benzene  
Concen: 18.830 ug/l  
RT: 8.458 min Scan# 2412  
Delta R.T. -0.001 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 78 Resp: 828932  
Ion Ratio Lower Upper  
78 100  
77 23.4 18.6 27.8





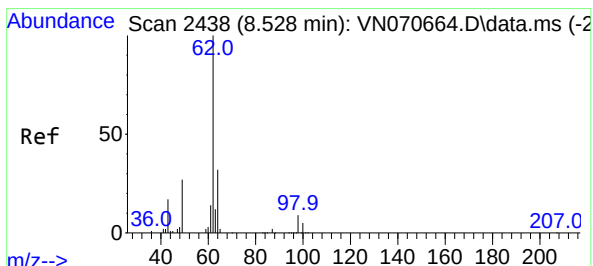
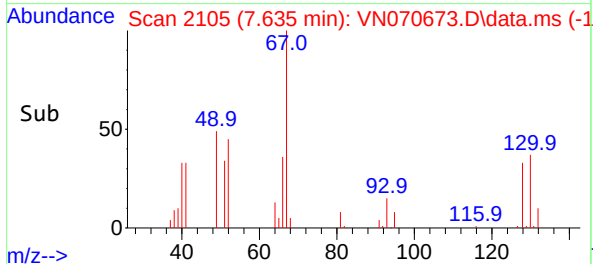
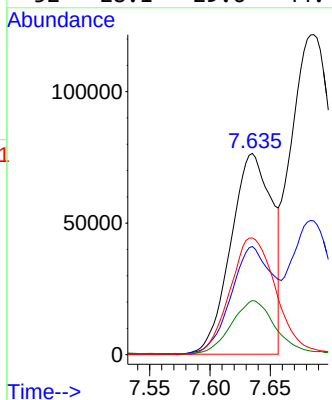
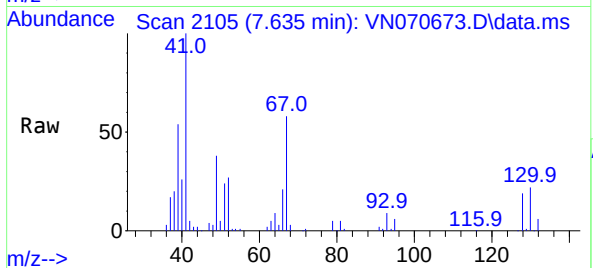


#41  
Methacrylonitrile  
Concen: 19.022 ug/l  
RT: 7.635 min Scan# 2105  
Delta R.T. 0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

Tgt Ion: 41 Resp: 182537

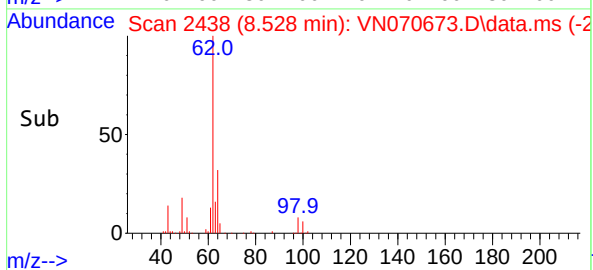
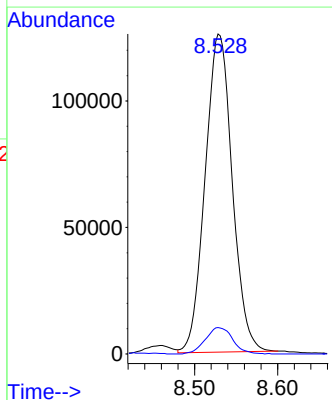
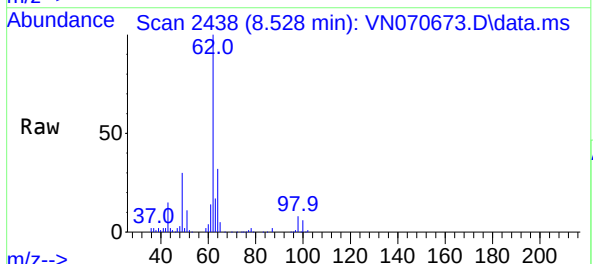
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 41  | 100   |       |        |
| 39  | 55.1  | 48.1  | 72.1   |
| 67  | 65.4  | 68.3  | 102.5# |
| 52  | 28.1  | 29.6  | 44.4#  |

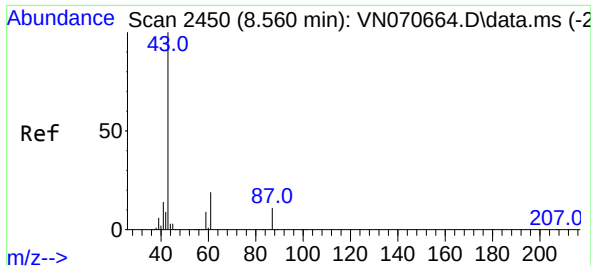


#42  
1,2-Dichloroethane  
Concen: 18.705 ug/l  
RT: 8.528 min Scan# 2438  
Delta R.T. 0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 62 Resp: 285517

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.4   | 0.0   | 17.6  |

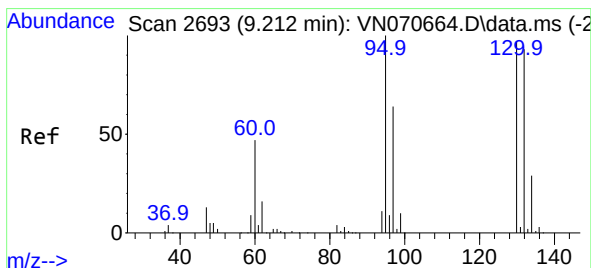
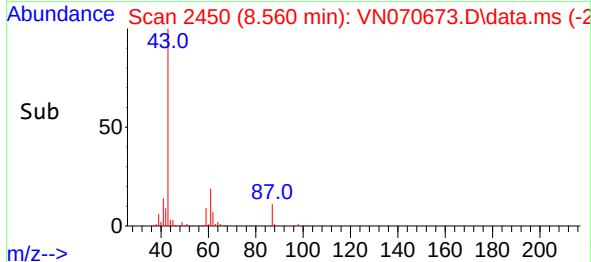
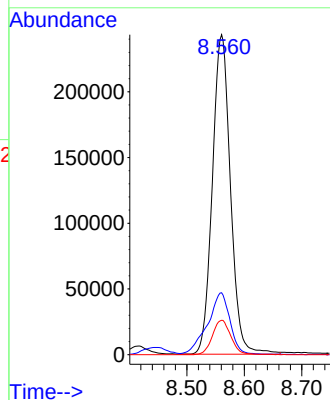
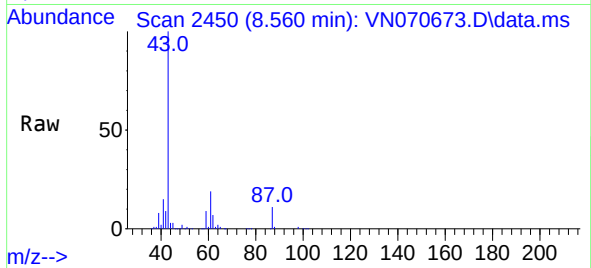




#43  
Isopropyl Acetate  
Concen: 18.461 ug/l  
RT: 8.560 min Scan# 2450  
Delta R.T. 0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

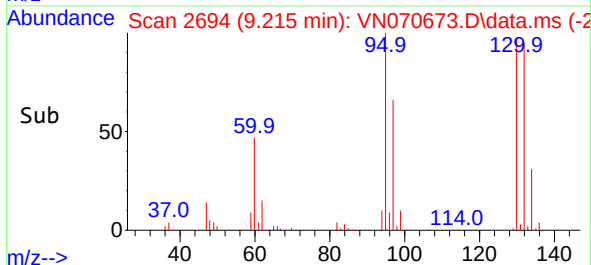
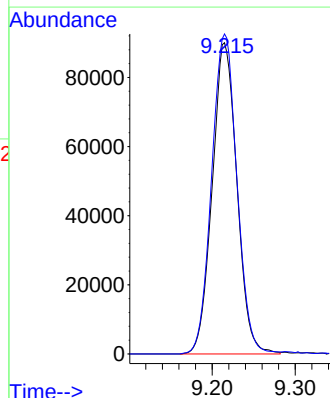
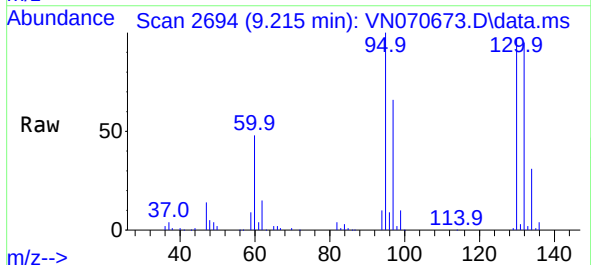
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

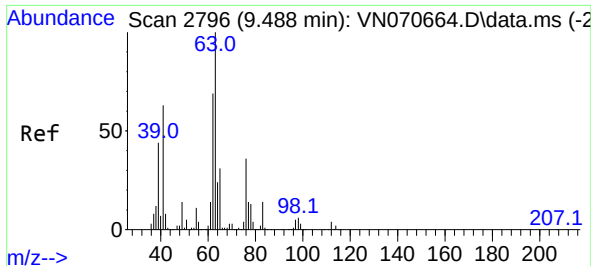
Tgt Ion: 43 Resp: 531862  
Ion Ratio Lower Upper  
43 100  
61 23.9 20.4 30.6  
87 11.0 11.2 16.8#



#44  
Trichloroethene  
Concen: 18.643 ug/l  
RT: 9.215 min Scan# 2694  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 130 Resp: 186056  
Ion Ratio Lower Upper  
130 100  
95 102.8 0.0 191.2





#45

1,2-Dichloropropane

Concen: 18.870 ug/l

RT: 9.488 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070673.D

Acq: 18 Jan 2022 18:34

Instrument :

MSVOA\_N

ClientSampleId :

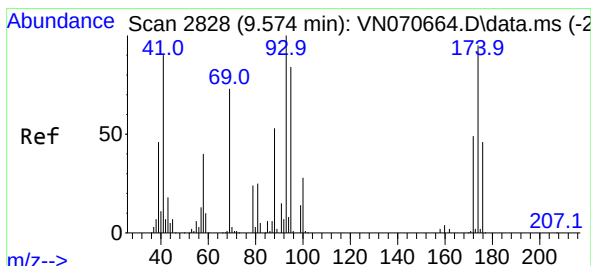
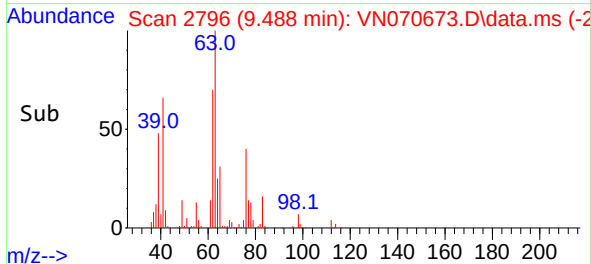
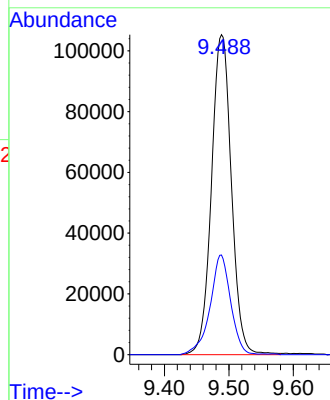
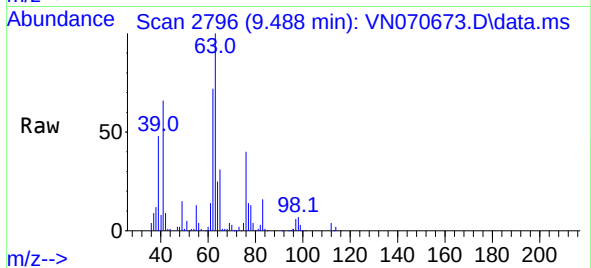
VN0118MBS01

Tgt Ion: 63 Resp: 226019

Ion Ratio Lower Upper

63 100

65 31.2 24.7 37.1



#46

Dibromomethane

Concen: 18.921 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.003 min

Lab File: VN070673.D

Acq: 18 Jan 2022 18:34

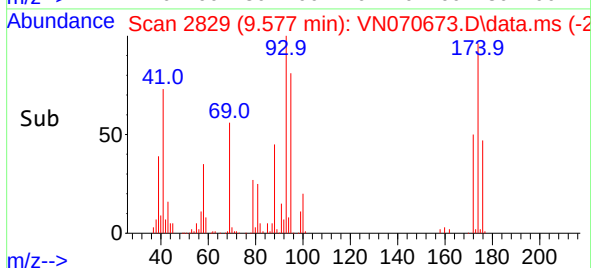
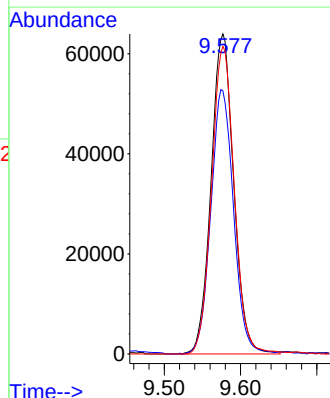
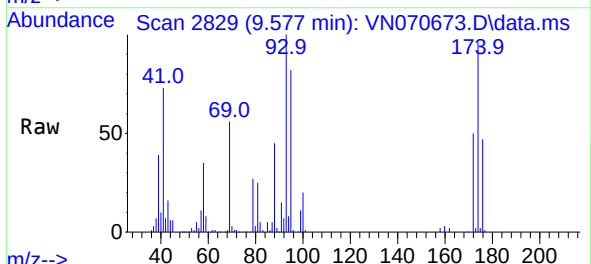
Tgt Ion: 93 Resp: 131772

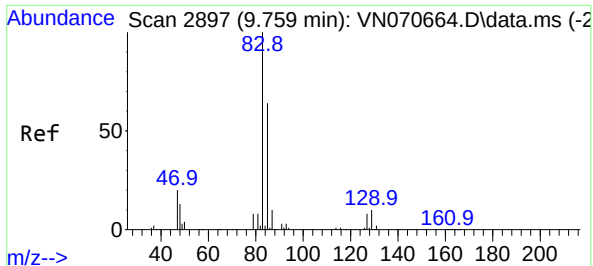
Ion Ratio Lower Upper

93 100

95 83.0 65.9 98.9

174 96.6 84.6 127.0

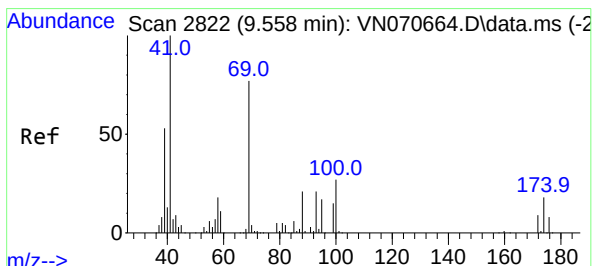
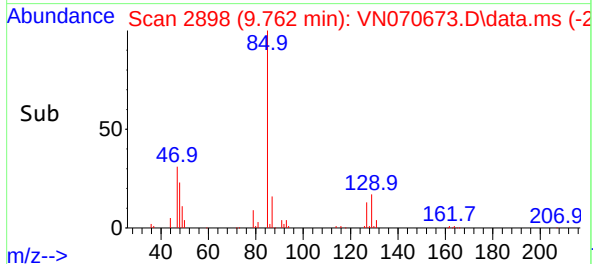
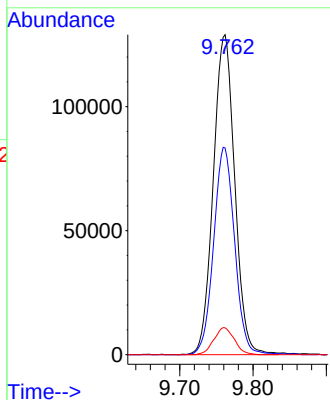
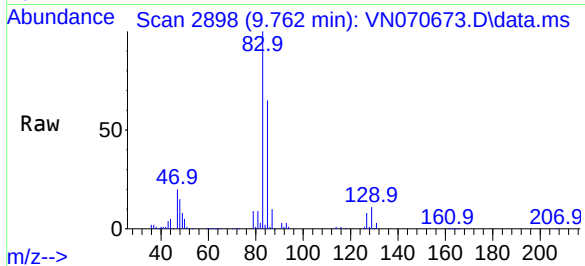




#47  
Bromodichloromethane  
Concen: 18.435 ug/l  
RT: 9.762 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

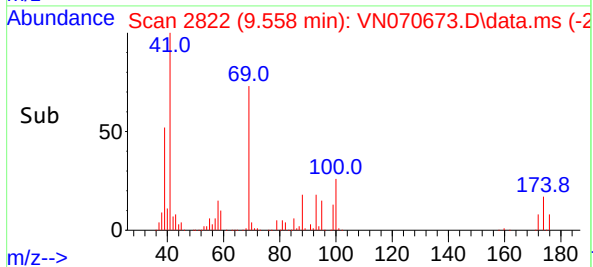
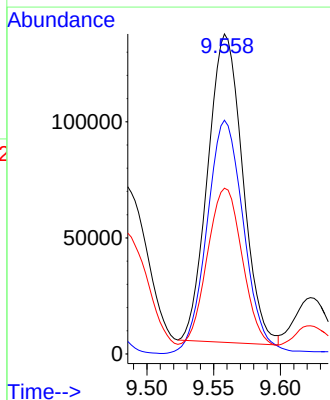
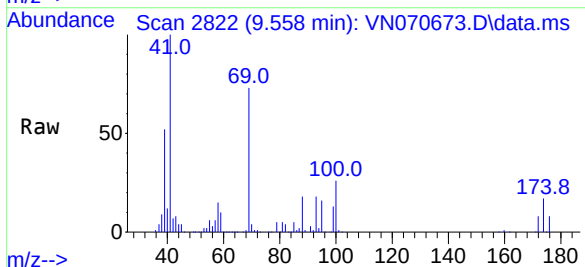
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

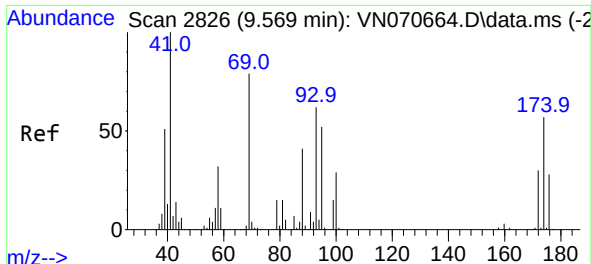
Tgt Ion: 83 Resp: 262444  
Ion Ratio Lower Upper  
83 100  
85 64.6 50.9 76.3  
127 8.4 7.1 10.7



#48  
Methyl methacrylate  
Concen: 17.562 ug/l  
RT: 9.558 min Scan# 2822  
Delta R.T. 0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 41 Resp: 241039  
Ion Ratio Lower Upper  
41 100  
69 80.5 72.4 108.6  
39 57.2 58.4 87.6#

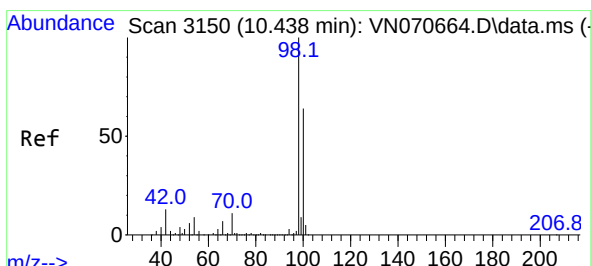
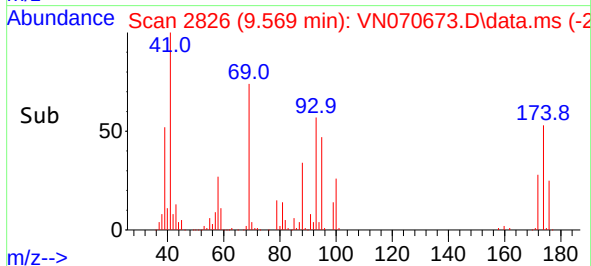
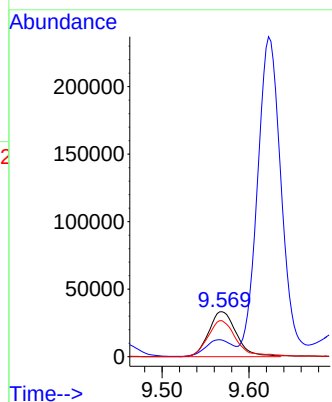
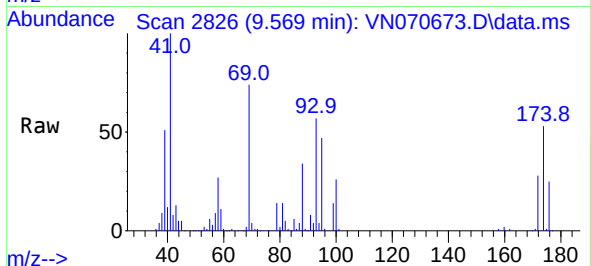




#49  
1,4-Dioxane  
Concen: 358.190 ug/l  
RT: 9.569 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

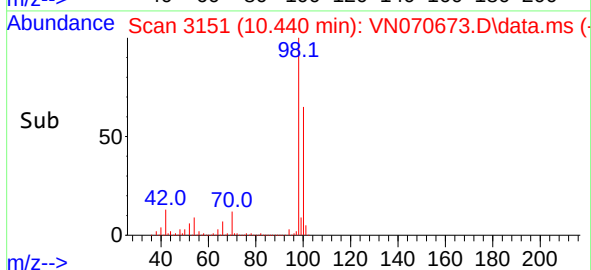
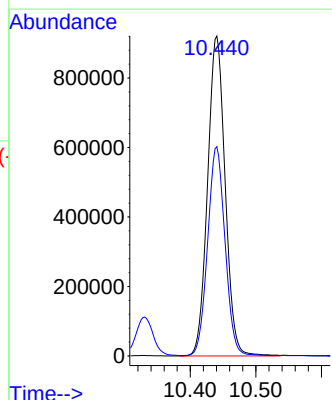
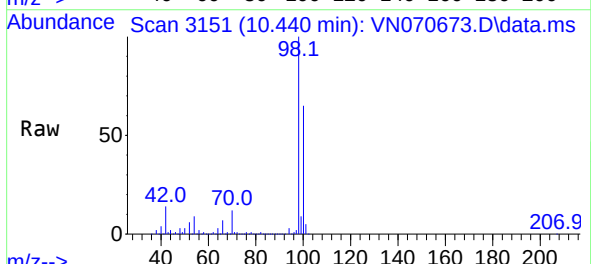
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

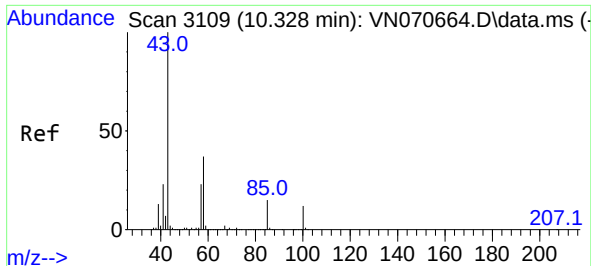
Tgt Ion: 88 Resp: 73845  
Ion Ratio Lower Upper  
88 100  
43 34.5 23.4 35.2  
58 83.6 50.6 75.8#



#50  
Toluene-d8  
Concen: 48.167 ug/l  
RT: 10.440 min Scan# 3151  
Delta R.T. 0.002 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 98 Resp: 1712446  
Ion Ratio Lower Upper  
98 100  
100 64.6 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 92.234 ug/l

RT: 10.330 min Scan# 3110

Delta R.T. 0.002 min

Lab File: VN070673.D

Acq: 18 Jan 2022 18:34

Instrument :

MSVOA\_N

ClientSampleId :

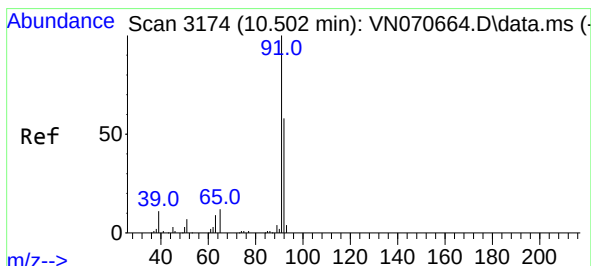
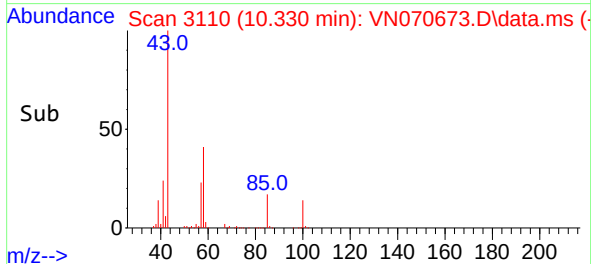
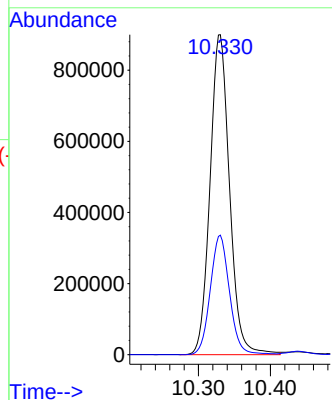
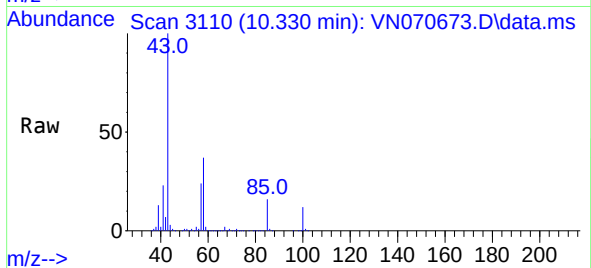
VN0118MBS01

Tgt Ion: 43 Resp: 1695563

Ion Ratio Lower Upper

43 100

58 36.9 30.4 45.6



#52

Toluene

Concen: 19.114 ug/l

RT: 10.502 min Scan# 3174

Delta R.T. 0.000 min

Lab File: VN070673.D

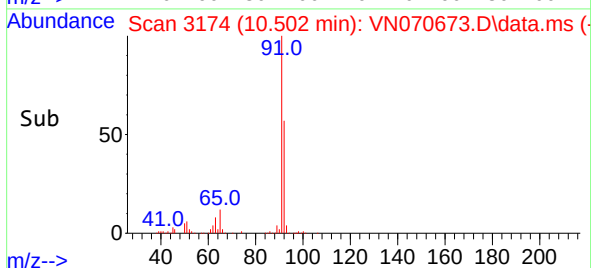
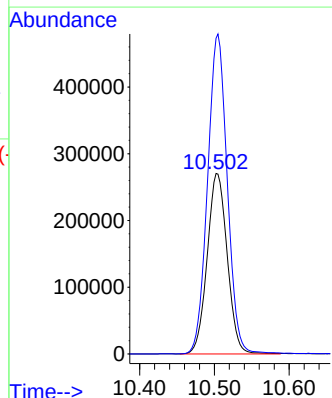
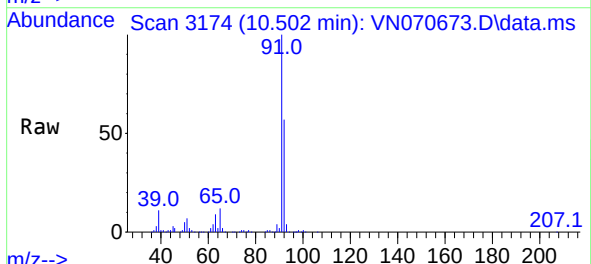
Acq: 18 Jan 2022 18:34

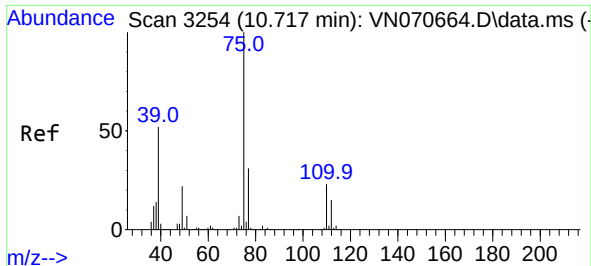
Tgt Ion: 92 Resp: 503325

Ion Ratio Lower Upper

92 100

91 174.4 142.0 213.0

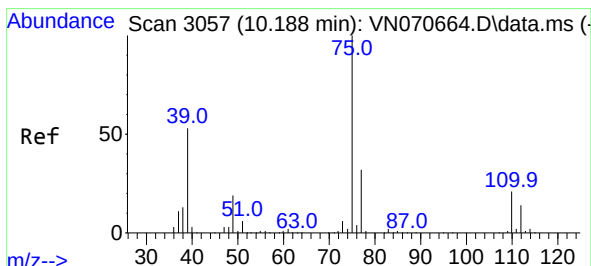
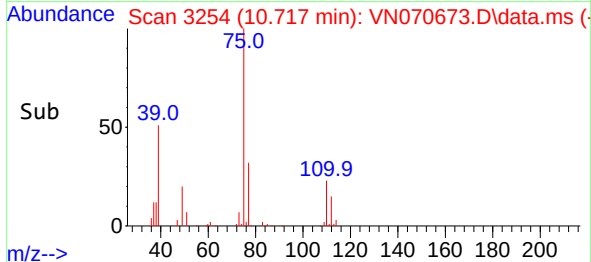
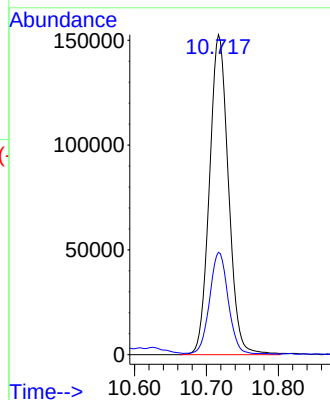
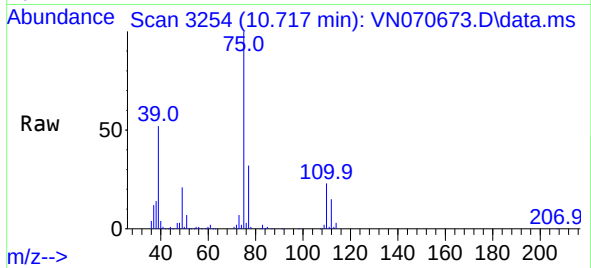




#53  
 t-1,3-Dichloropropene  
 Concen: 17.856 ug/l  
 RT: 10.717 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: VN070673.D  
 Acq: 18 Jan 2022 18:34

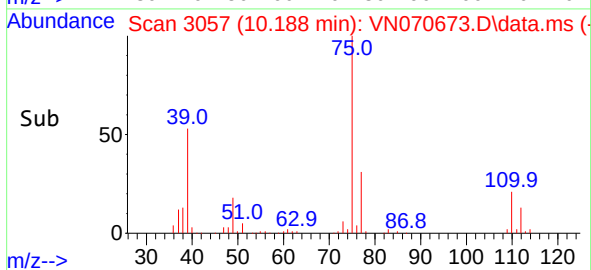
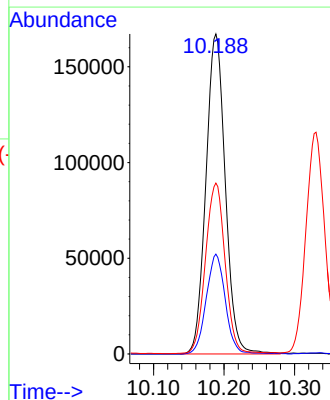
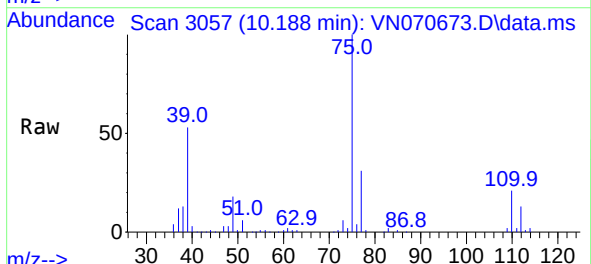
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0118MBS01

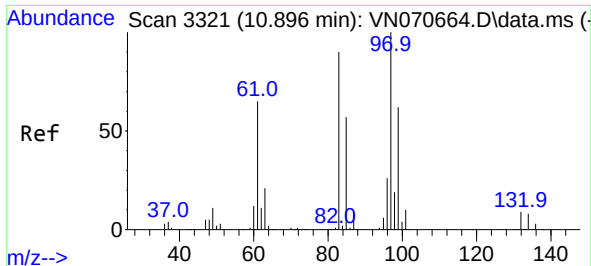
Tgt Ion: 75 Resp: 280237  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.718 ug/l  
 RT: 10.188 min Scan# 3057  
 Delta R.T. 0.000 min  
 Lab File: VN070673.D  
 Acq: 18 Jan 2022 18:34

Tgt Ion: 75 Resp: 319580  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 26.4 39.6  
 39 53.2 42.5 63.7



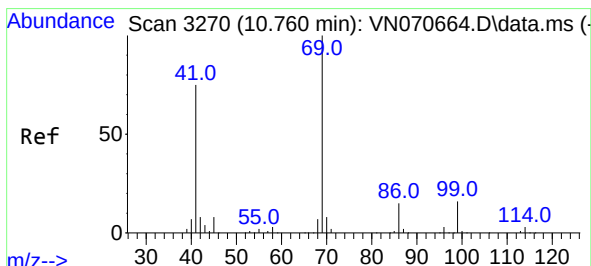
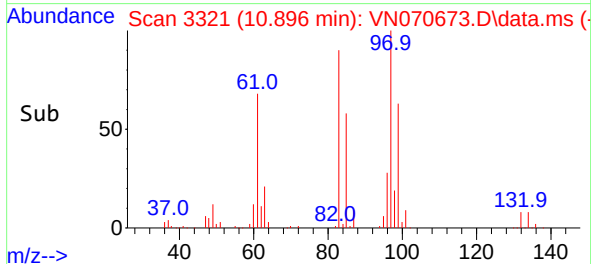
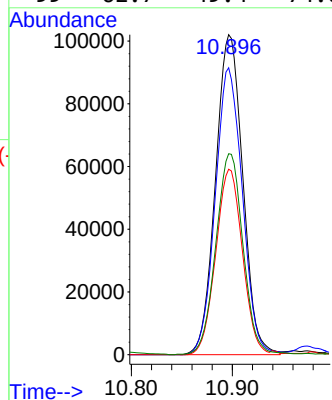
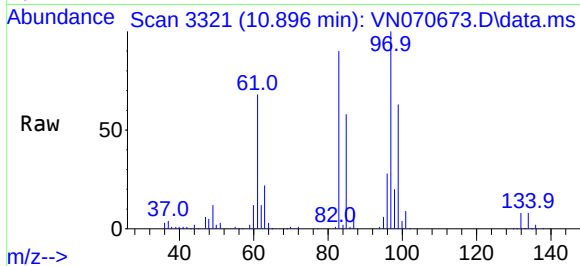


#55  
1,1,2-Trichloroethane  
Concen: 18.475 ug/l  
RT: 10.896 min Scan# 3119  
Delta R.T. 0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

Tgt Ion: 97 Resp: 191119

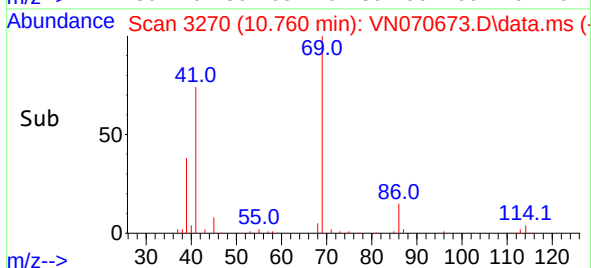
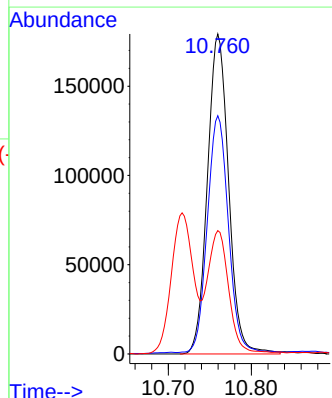
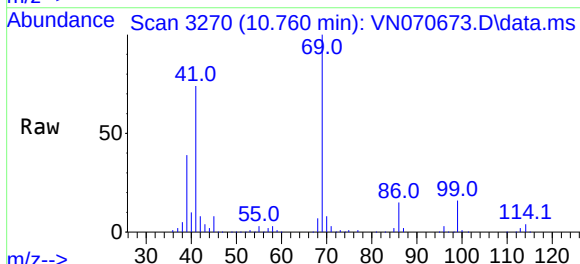
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 89.6  | 67.8  | 101.6 |
| 85  | 58.0  | 45.4  | 68.2  |
| 99  | 62.7  | 49.4  | 74.0  |



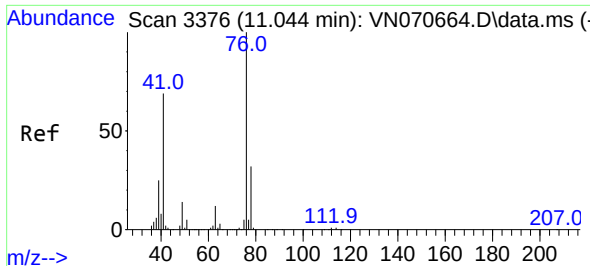
#56  
Ethyl methacrylate  
Concen: 17.687 ug/l  
RT: 10.760 min Scan# 3270  
Delta R.T. -0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 69 Resp: 317300

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 73.5  | 51.4  | 77.0  |
| 39  | 36.7  | 34.6  | 52.0  |







#57

1,3-Dichloropropane

Concen: 18.987 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070673.D

Acq: 18 Jan 2022 18:34

Instrument :

MSVOA\_N

ClientSampleId :

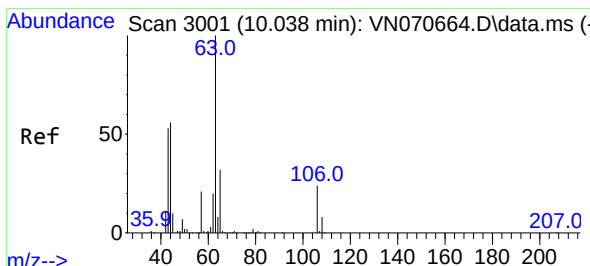
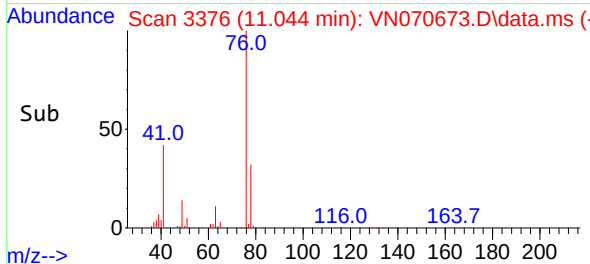
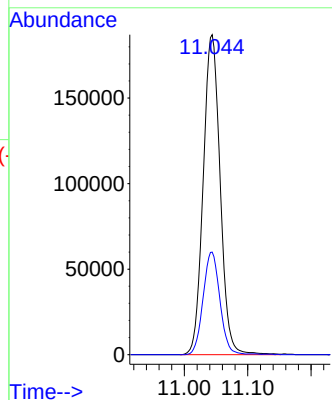
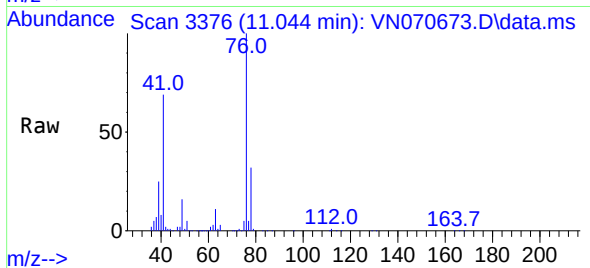
VN0118MBS01

Tgt Ion: 76 Resp: 347713

Ion Ratio Lower Upper

76 100

78 31.6 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 84.802 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. 0.003 min

Lab File: VN070673.D

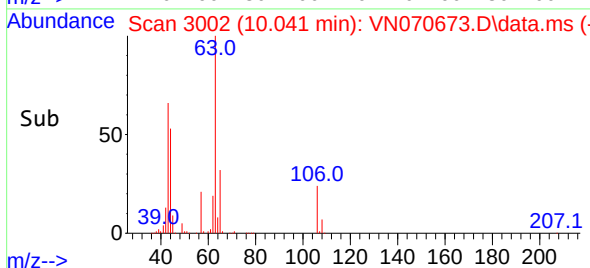
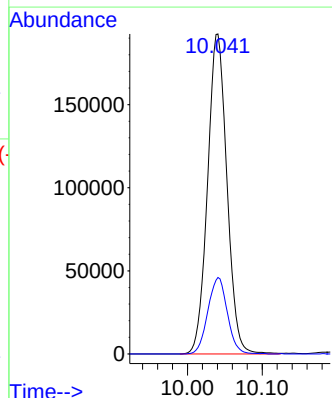
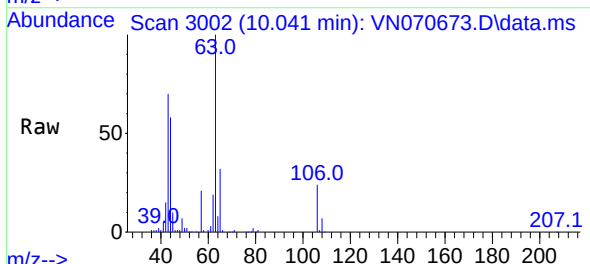
Acq: 18 Jan 2022 18:34

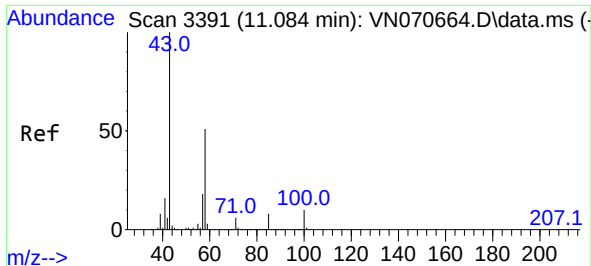
Tgt Ion: 63 Resp: 346705

Ion Ratio Lower Upper

63 100

106 24.0 23.9 35.9

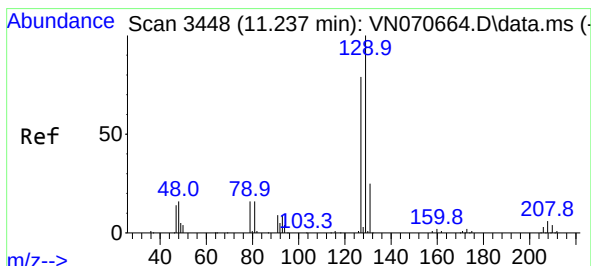
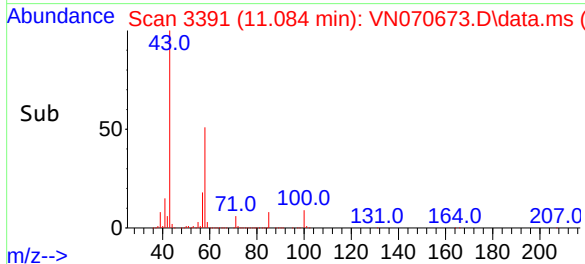
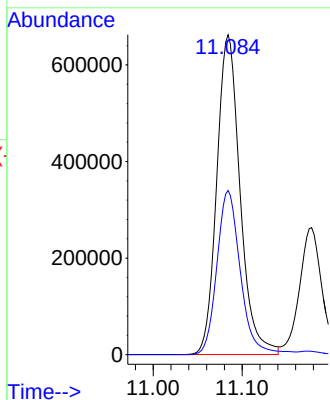
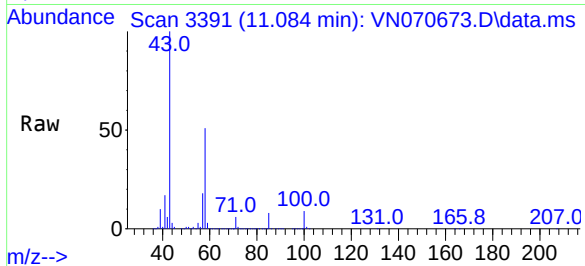




#59  
2-Hexanone  
Concen: 90.378 ug/l  
RT: 11.084 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

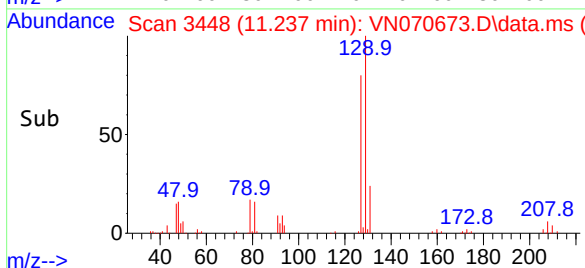
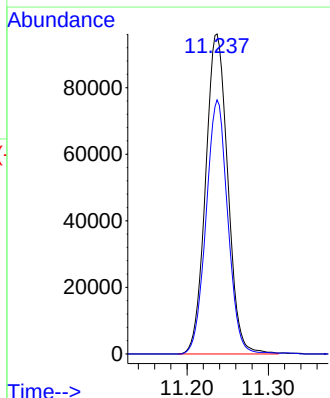
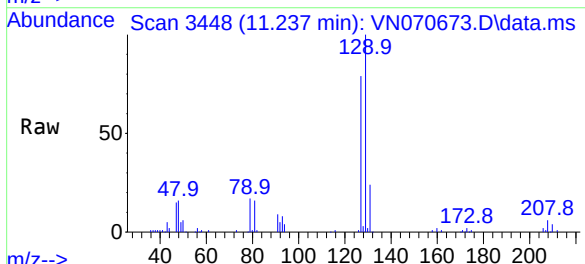
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

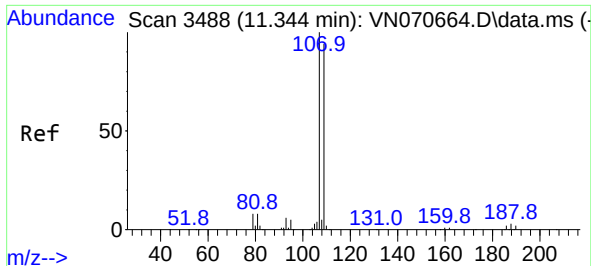
Tgt Ion: 43 Resp: 1206973  
Ion Ratio Lower Upper  
43 100  
58 51.8 26.9 80.7



#60  
Dibromochloromethane  
Concen: 18.909 ug/l  
RT: 11.237 min Scan# 3448  
Delta R.T. -0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion:129 Resp: 182458  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.6 116.0

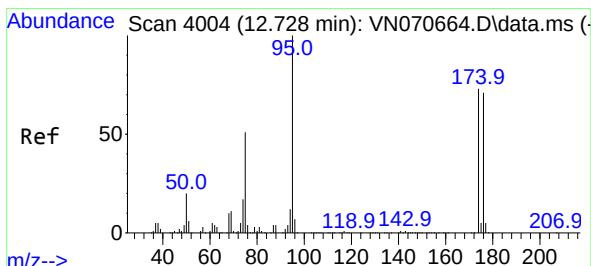
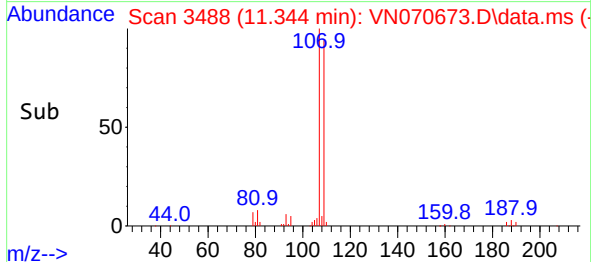
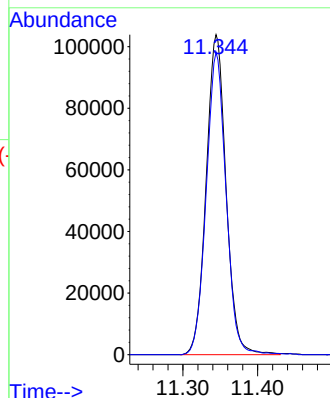
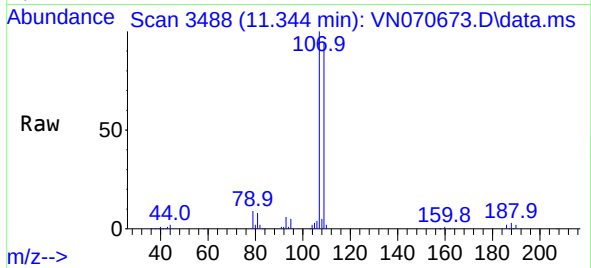




#61  
1,2-Dibromoethane  
Concen: 18.480 ug/l  
RT: 11.344 min Scan# 3488  
Delta R.T. 0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

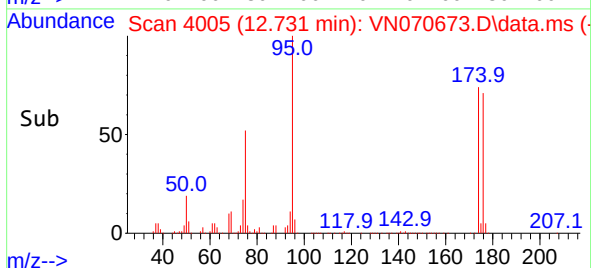
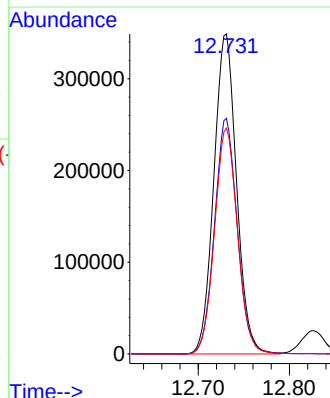
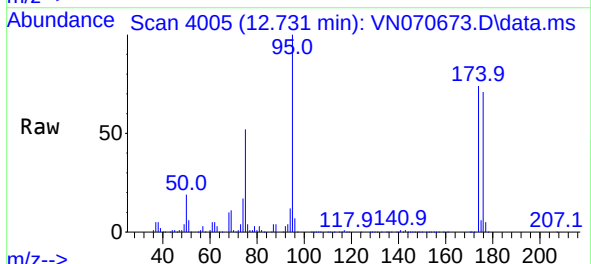
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MSVOA\_N  
ClientSampleId :  
VN0118MBS01

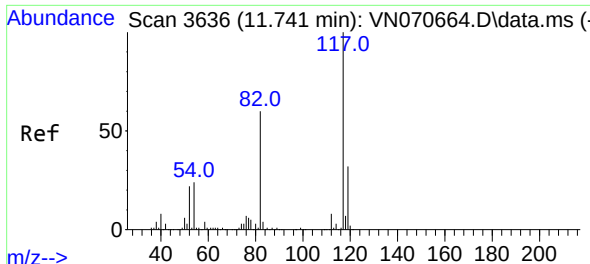
Tgt Ion:107 Resp: 191938  
Ion Ratio Lower Upper  
107 100  
109 93.8 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 47.601 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 95 Resp: 603059  
Ion Ratio Lower Upper  
95 100  
174 73.9 0.0 187.2  
176 71.5 0.0 181.4

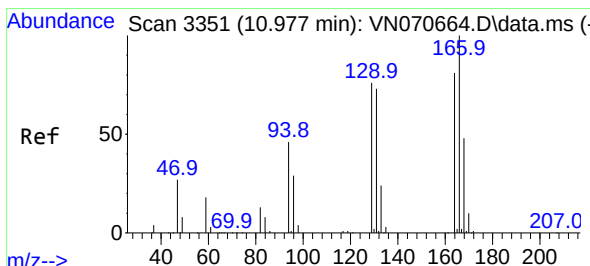
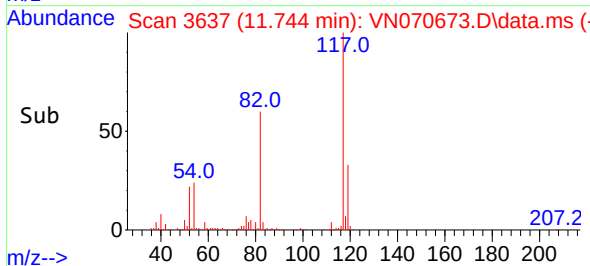
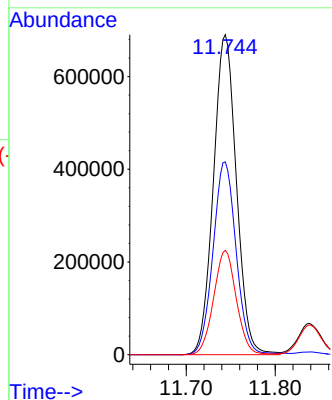
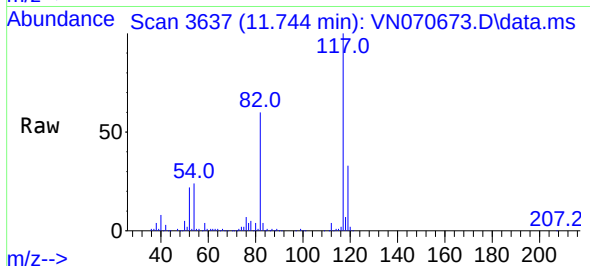




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.744 min Scan# 3636  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

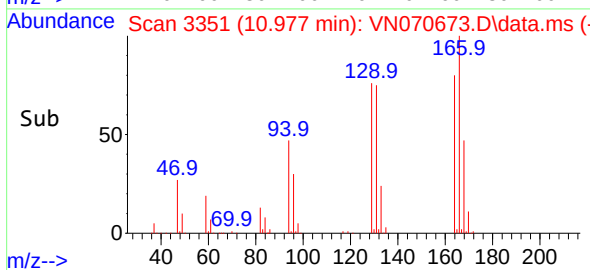
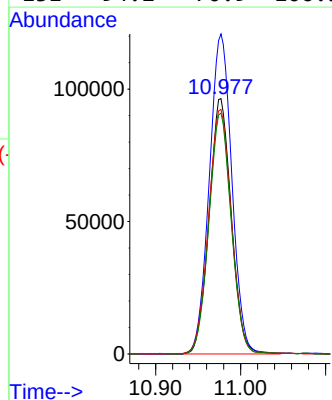
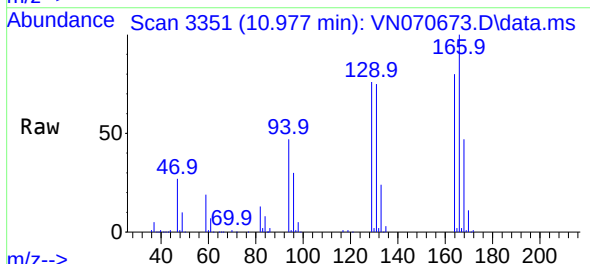
Instrument :  
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ClientSampleId :  
VN0118MBS01

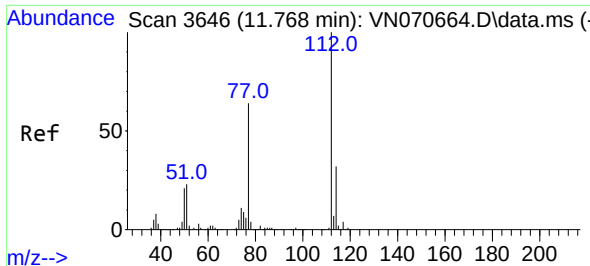
Tgt Ion:117 Resp: 1241316  
Ion Ratio Lower Upper  
117 100  
82 60.3 42.4 63.6  
119 32.6 25.4 38.2



#64  
Tetrachloroethene  
Concen: 19.218 ug/l  
RT: 10.977 min Scan# 3351  
Delta R.T. -0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion:164 Resp: 174910  
Ion Ratio Lower Upper  
164 100  
166 125.3 101.9 152.9  
129 95.7 72.0 108.0  
131 94.2 70.9 106.3

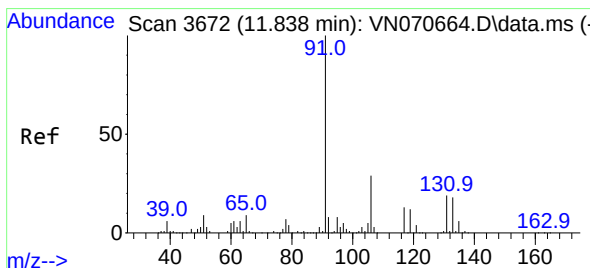
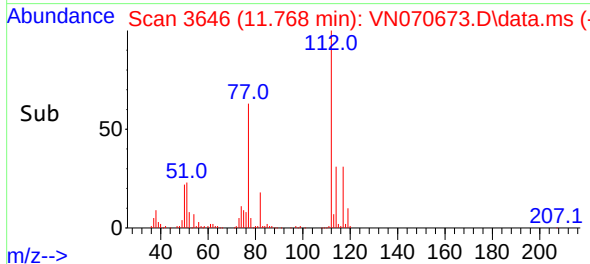
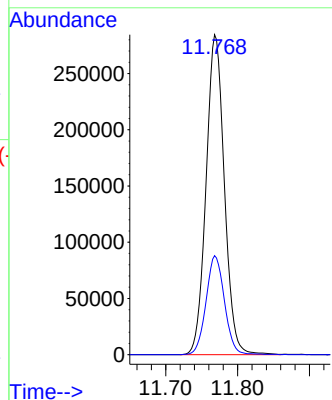
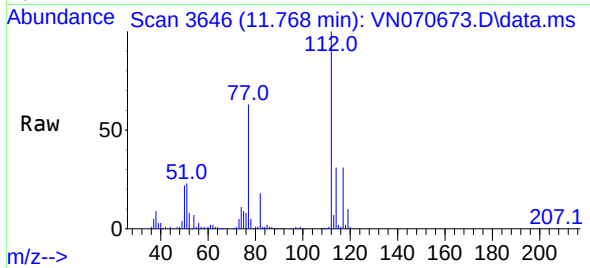




#65  
Chlorobenzene  
Concen: 18.757 ug/l  
RT: 11.768 min Scan# 3646  
Delta R.T. -0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

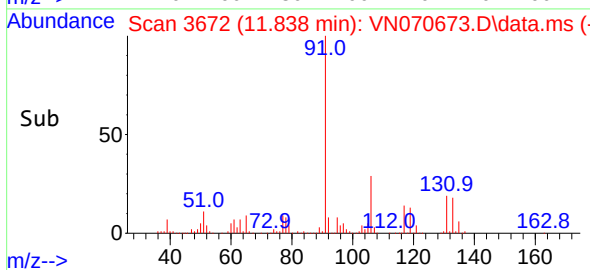
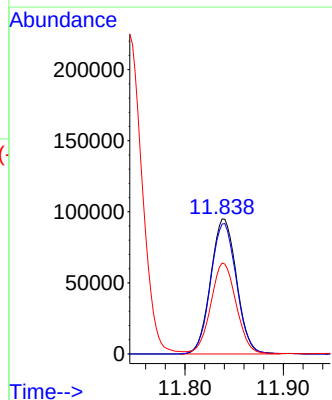
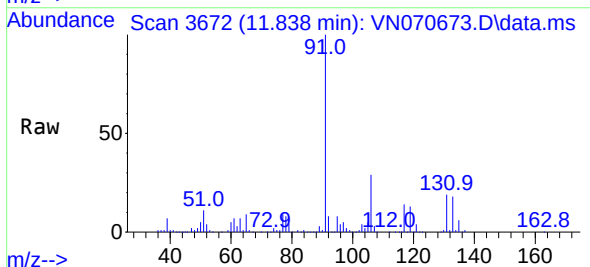
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

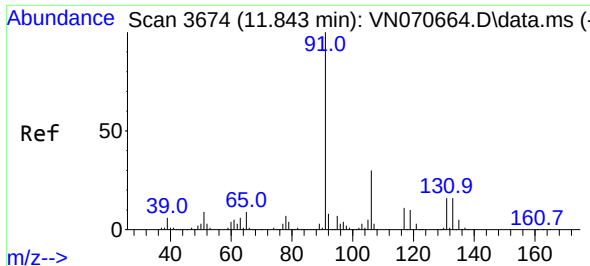
Tgt Ion:112 Resp: 504448  
Ion Ratio Lower Upper  
112 100  
114 31.0 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.769 ug/l  
RT: 11.838 min Scan# 3672  
Delta R.T. -0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion:131 Resp: 173827  
Ion Ratio Lower Upper  
131 100  
133 96.3 47.9 143.7  
119 66.2 32.1 96.5

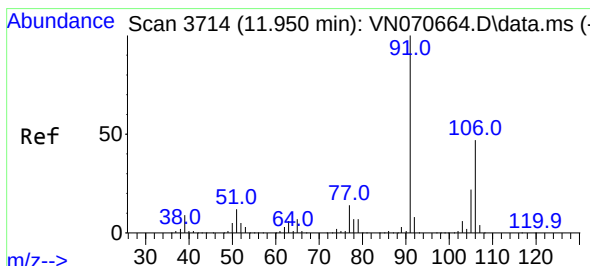
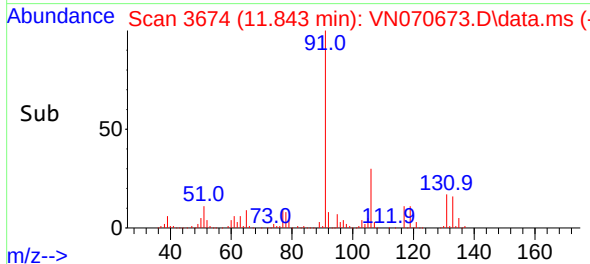
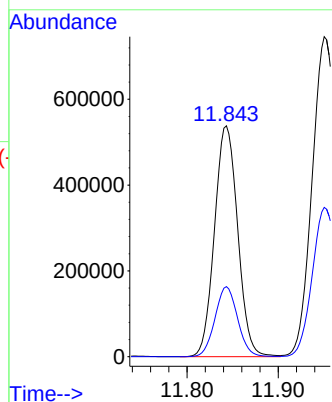
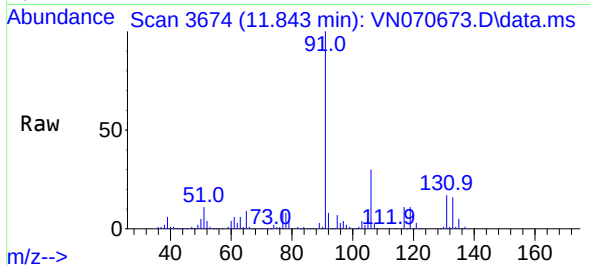




#67  
Ethyl Benzene  
Concen: 19.085 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. 0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

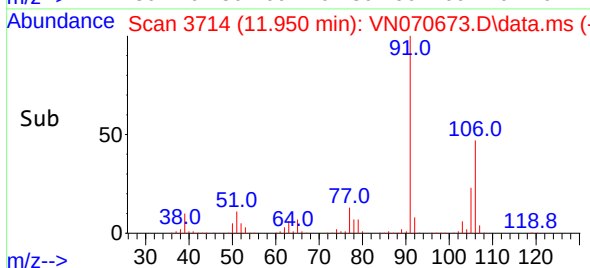
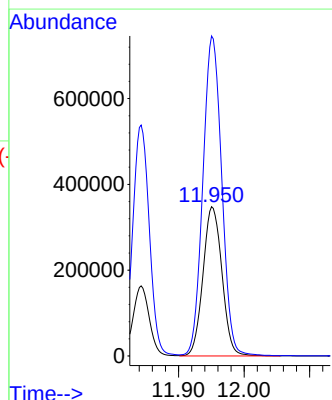
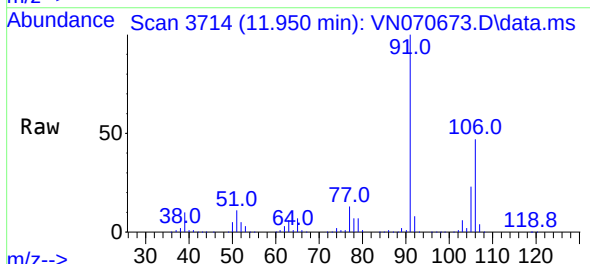
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

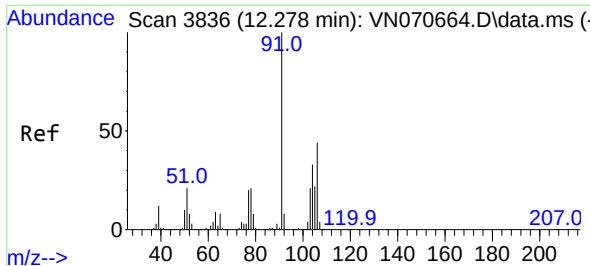
Tgt Ion: 91 Resp: 951622  
Ion Ratio Lower Upper  
91 100  
106 30.3 25.7 38.5



#68  
m/p-Xylenes  
Concen: 38.492 ug/l  
RT: 11.950 min Scan# 3714  
Delta R.T. 0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion:106 Resp: 698223  
Ion Ratio Lower Upper  
106 100  
91 213.1 160.6 240.8

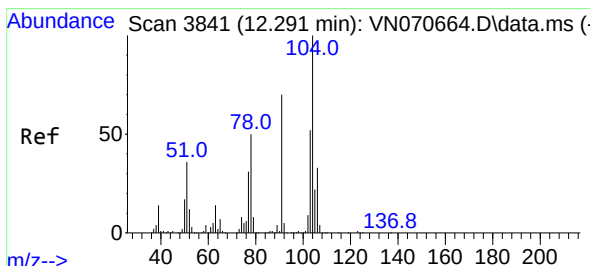
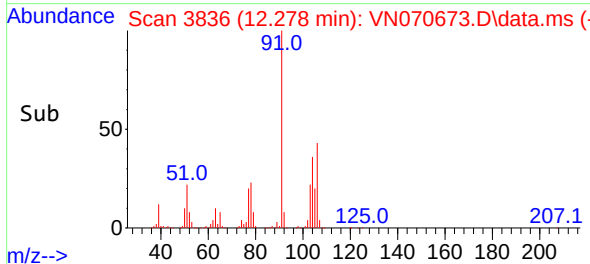
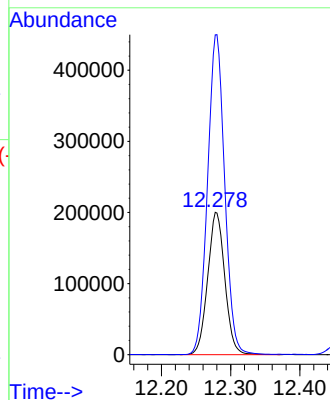
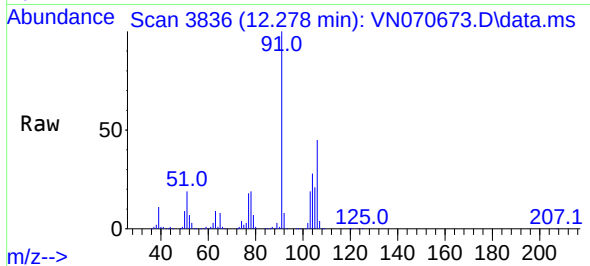




#69  
o-Xylene  
Concen: 19.097 ug/l  
RT: 12.278 min Scan# 3836  
Delta R.T. -0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

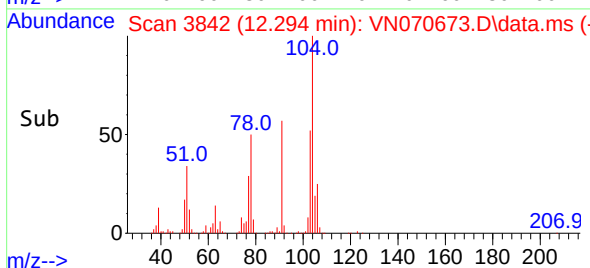
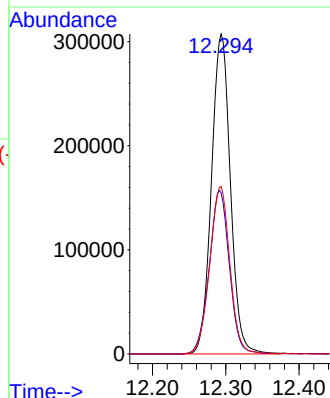
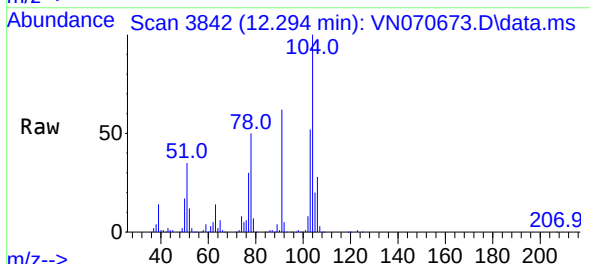
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

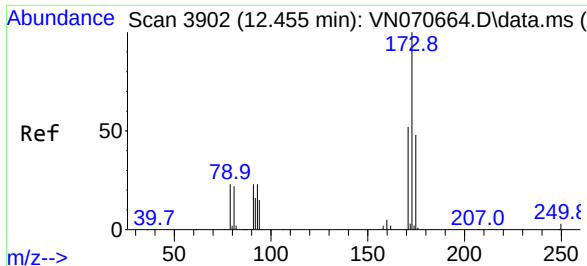
Tgt Ion:106 Resp: 343770  
Ion Ratio Lower Upper  
106 100  
91 224.6 105.8 317.3



#70  
Styrene  
Concen: 19.180 ug/l  
RT: 12.294 min Scan# 3842  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion:104 Resp: 552357  
Ion Ratio Lower Upper  
104 100  
78 54.4 38.7 58.1  
103 55.7 45.0 67.6

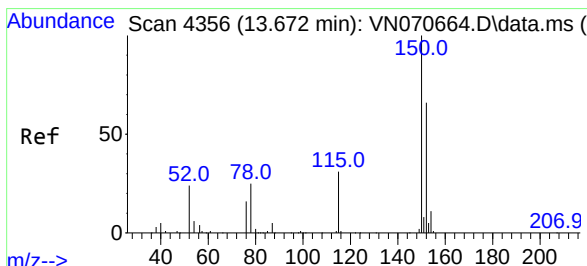
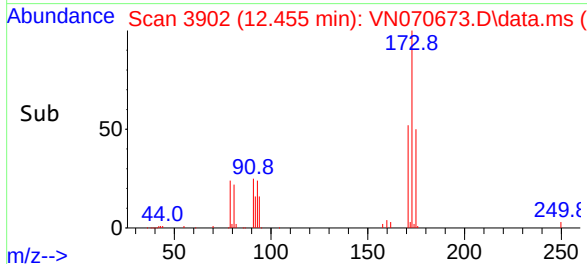
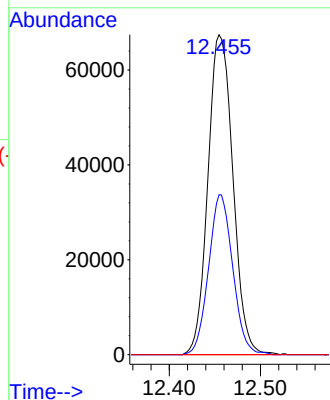
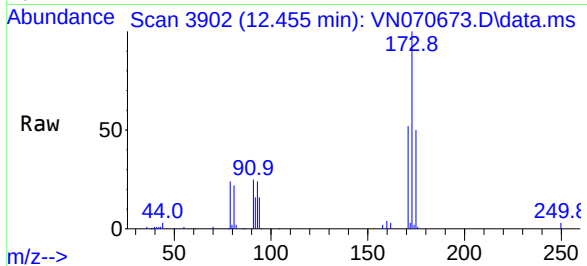




#71  
Bromoform  
Concen: 18.378 ug/l  
RT: 12.455 min Scan# 3902  
Delta R.T. -0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

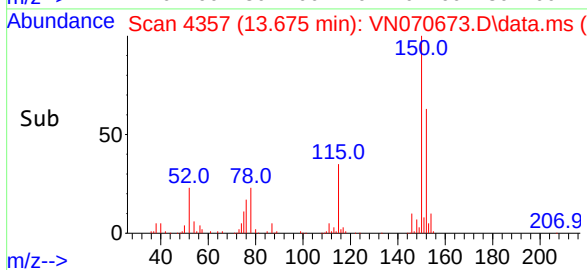
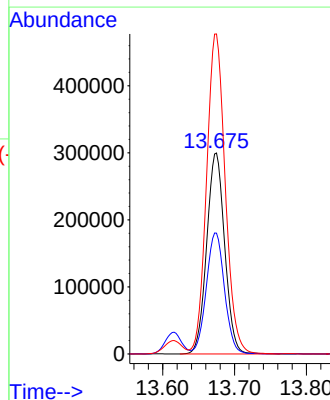
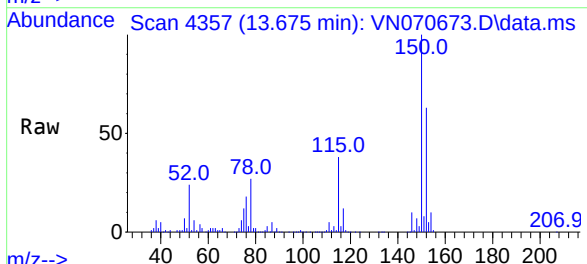
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

Tgt Ion:173 Resp: 128568  
Ion Ratio Lower Upper  
173 100  
175 48.3 24.2 72.6  
254 0.0 0.0 0.0

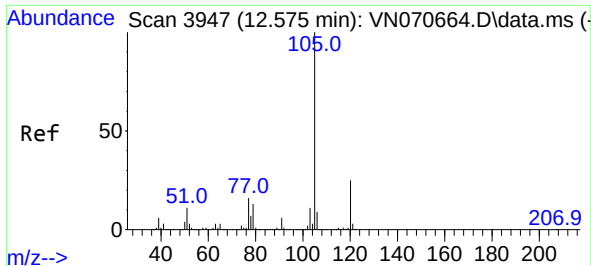


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion:152 Resp: 521926  
Ion Ratio Lower Upper  
152 100  
115 60.5 27.5 82.5  
150 165.2 0.0 344.4



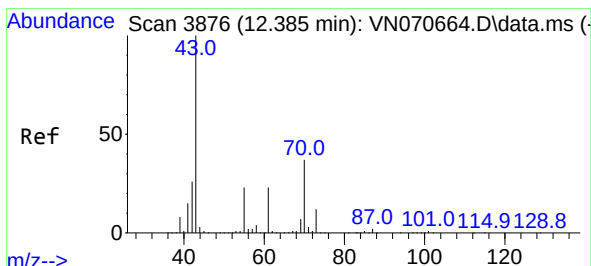
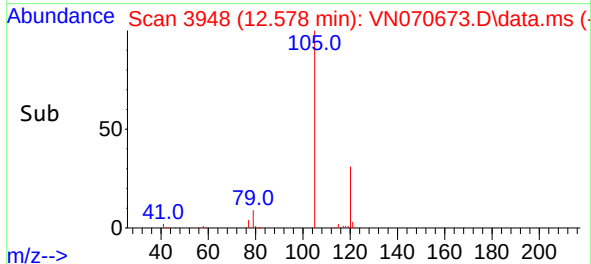
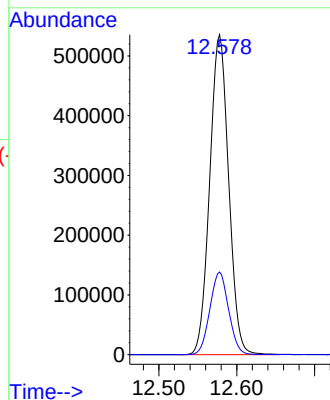
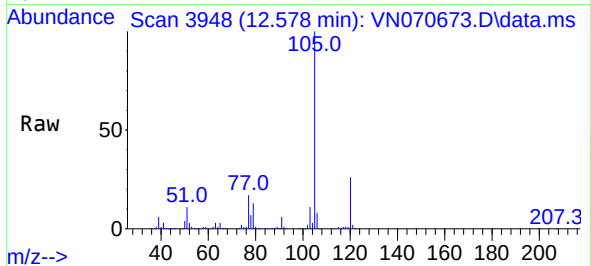




#73  
Isopropylbenzene  
Concen: 18.323 ug/l  
RT: 12.578 min Scan# 3947  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

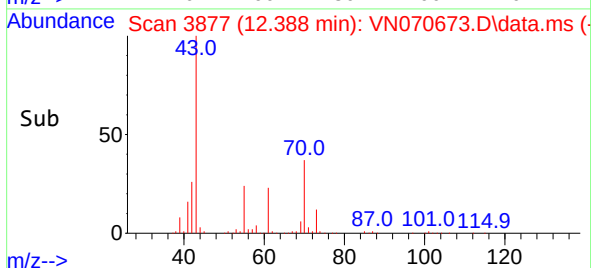
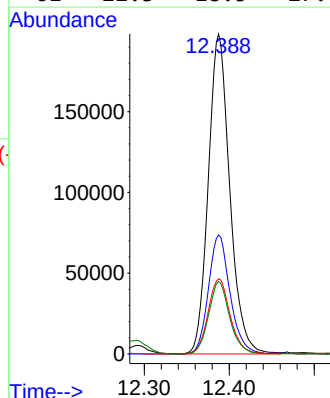
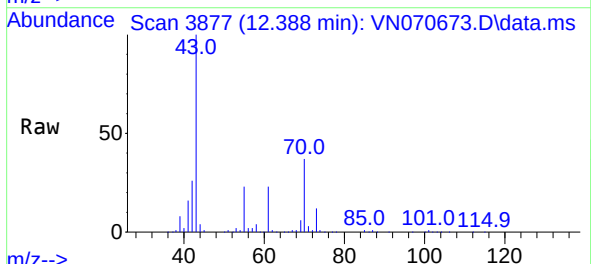
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

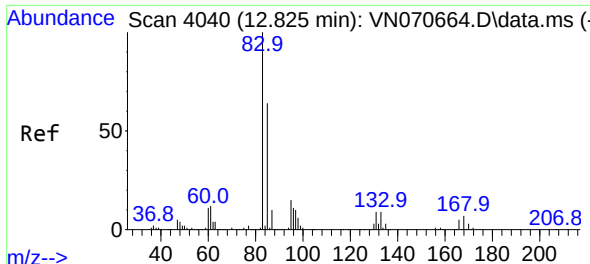
Tgt Ion:105 Resp: 904727  
Ion Ratio Lower Upper  
105 100  
120 25.6 13.4 40.1



#74  
N-ethyl acetate  
Concen: 17.214 ug/l  
RT: 12.388 min Scan# 3877  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 43 Resp: 347533  
Ion Ratio Lower Upper  
43 100  
70 37.5 33.4 50.0  
55 24.1 19.3 28.9  
61 22.3 18.5 27.7

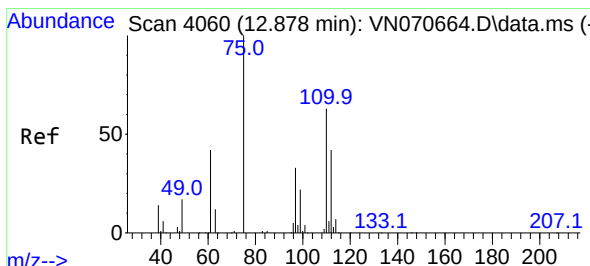
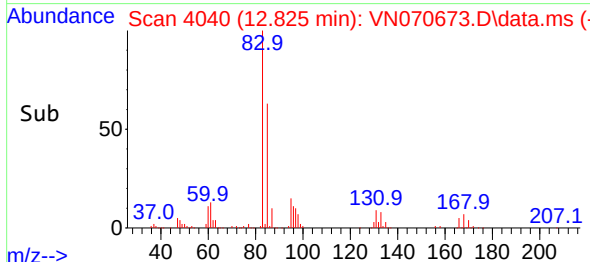
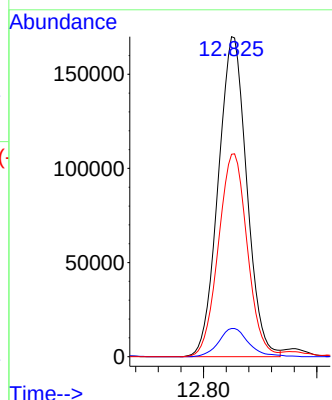
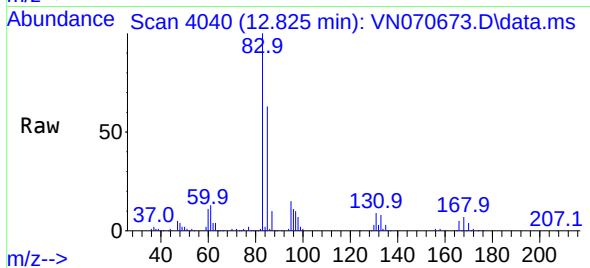




#75  
1,1,2,2-Tetrachloroethane  
Concen: 17.814 ug/l  
RT: 12.825 min Scan# 4040  
Delta R.T. -0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

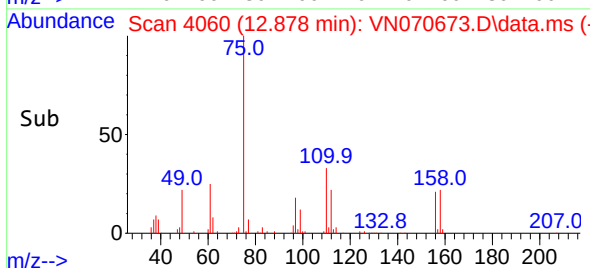
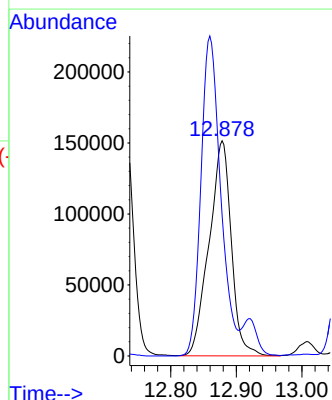
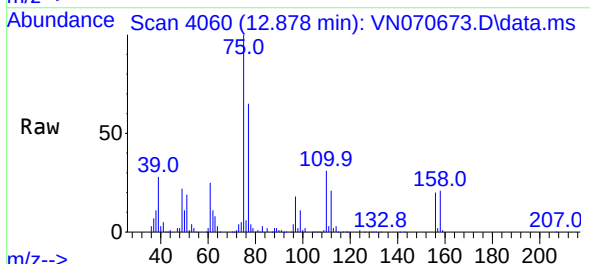
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

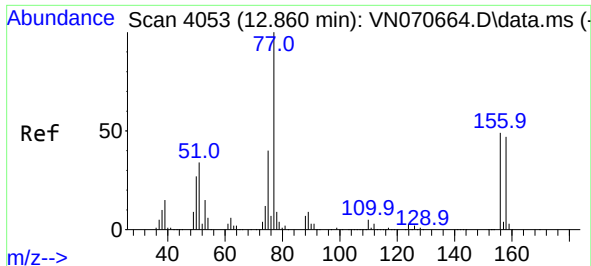
Tgt Ion: 83 Resp: 297062  
Ion Ratio Lower Upper  
83 100  
131 9.3 5.5 16.5  
85 64.2 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 25.730 ug/l  
RT: 12.878 min Scan# 4060  
Delta R.T. 0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 75 Resp: 356179  
Ion Ratio Lower Upper  
75 100  
77 131.8 82.6 247.8

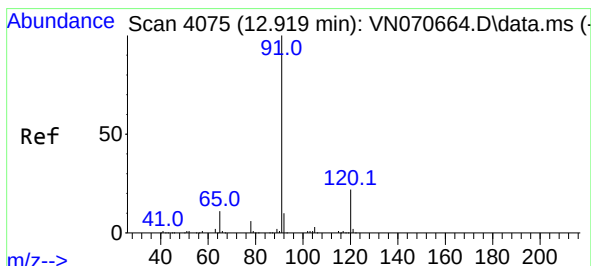
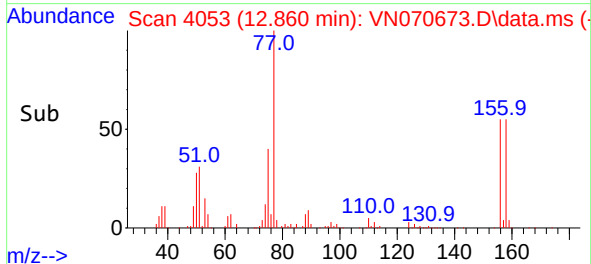
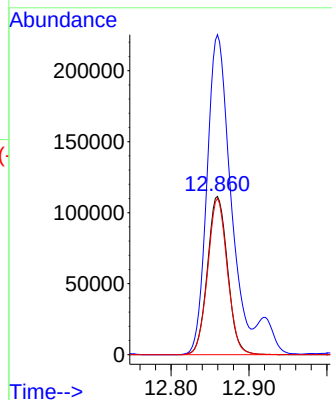
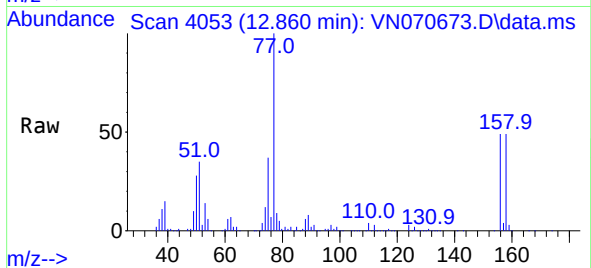




#77  
Bromobenzene  
Concen: 18.118 ug/l  
RT: 12.860 min Scan# 4053  
Delta R.T. -0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

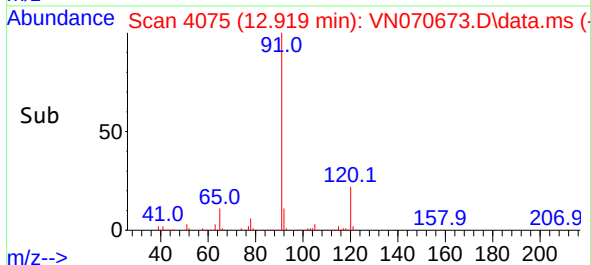
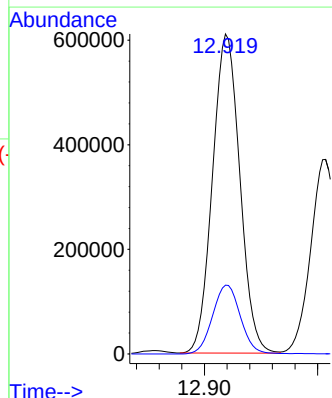
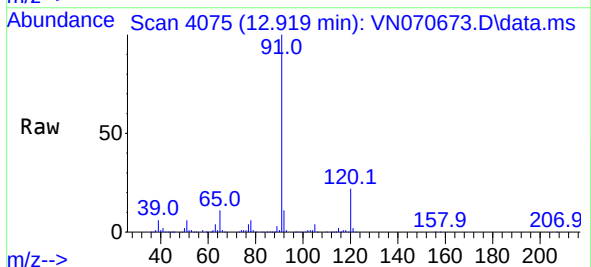
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

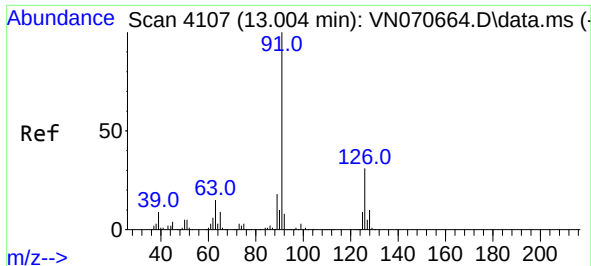
Tgt Ion:156 Resp: 200574  
Ion Ratio Lower Upper  
156 100  
77 234.0 90.6 271.8  
158 96.6 48.9 146.7



#78  
n-propylbenzene  
Concen: 18.509 ug/l  
RT: 12.919 min Scan# 4075  
Delta R.T. -0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 91 Resp: 1022075  
Ion Ratio Lower Upper  
91 100  
120 22.0 11.9 35.9

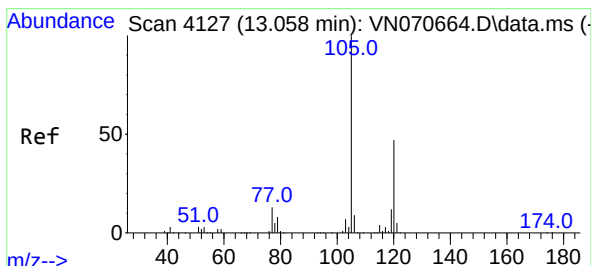
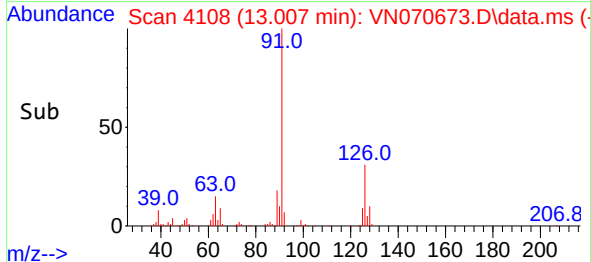
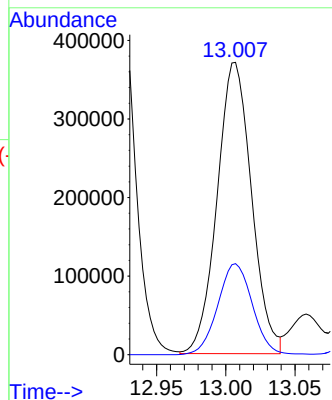
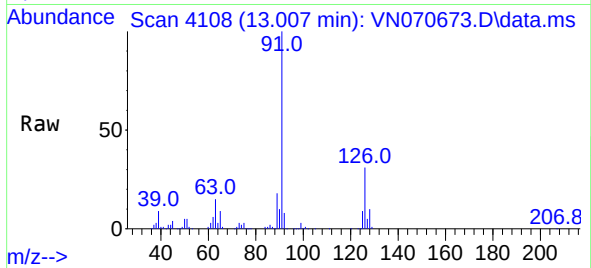




#79  
2-Chlorotoluene  
Concen: 18.366 ug/l  
RT: 13.007 min Scan# 4107  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

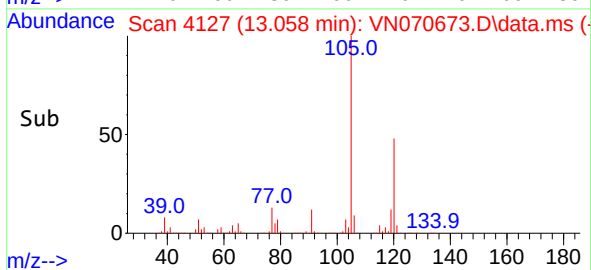
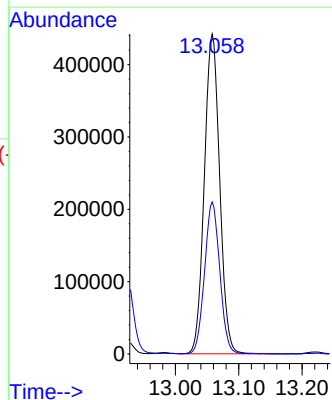
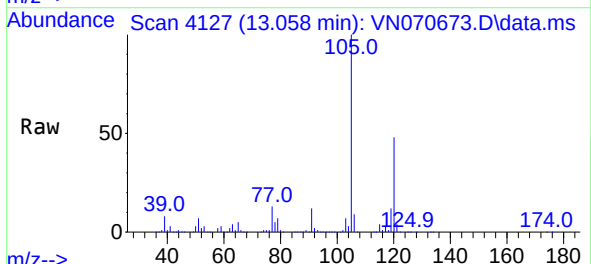
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

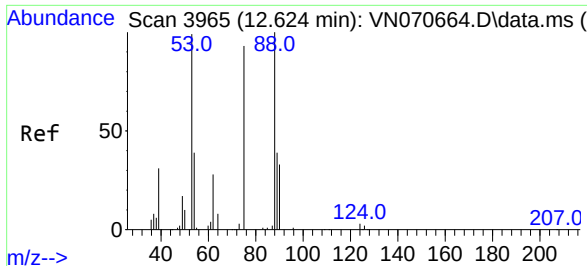
Tgt Ion: 91 Resp: 641563  
Ion Ratio Lower Upper  
91 100  
126 31.4 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 18.622 ug/l  
RT: 13.058 min Scan# 4127  
Delta R.T. 0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 105 Resp: 743569  
Ion Ratio Lower Upper  
105 100  
120 47.0 24.6 73.6

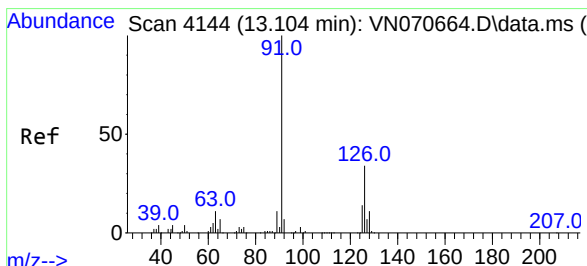
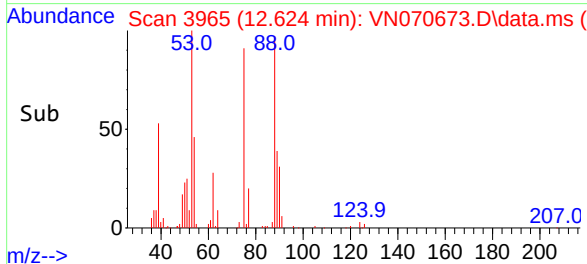
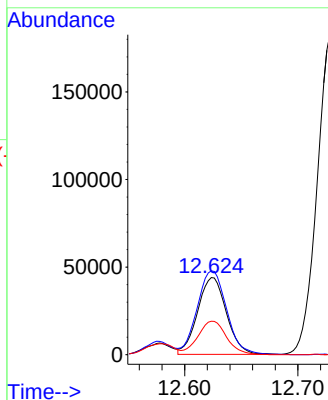
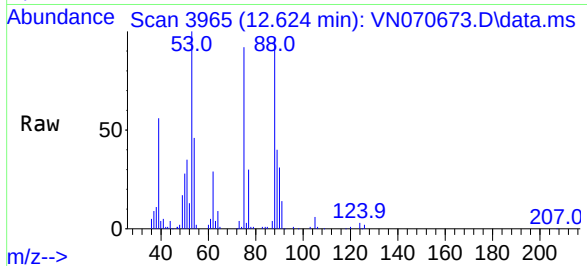




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.699 ug/l  
RT: 12.624 min Scan# 3965  
Delta R.T. -0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

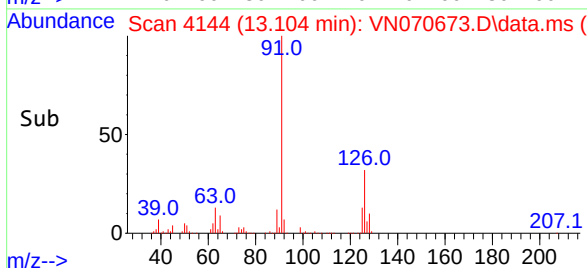
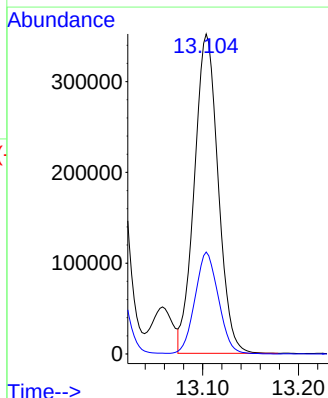
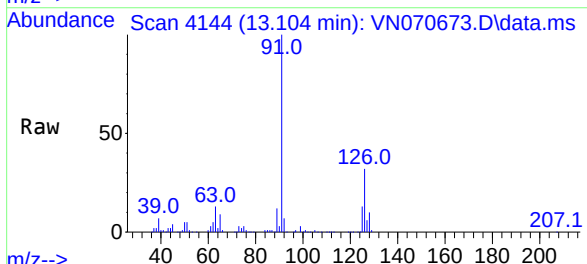
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

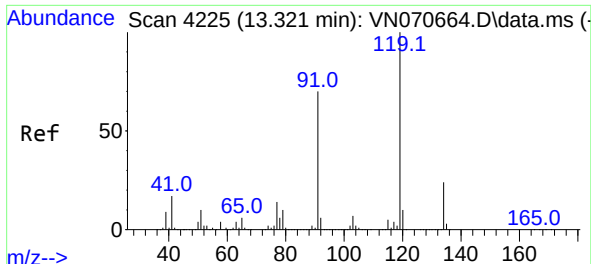
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 77594 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 111.7 | 90.5  | 135.7 |
| 89       | 43.4  | 38.2  | 57.4  |



#82  
4-Chlorotoluene  
Concen: 18.567 ug/l  
RT: 13.104 min Scan# 4144  
Delta R.T. -0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 605971 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 31.6  | 18.2  | 54.6   |

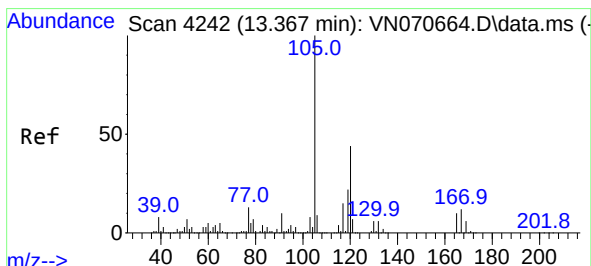
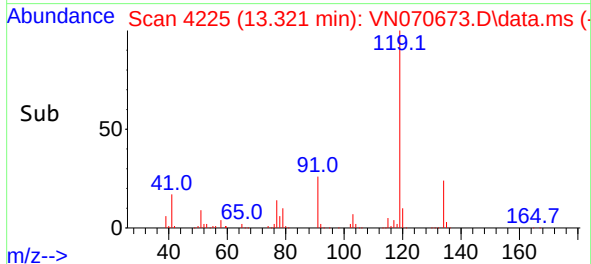
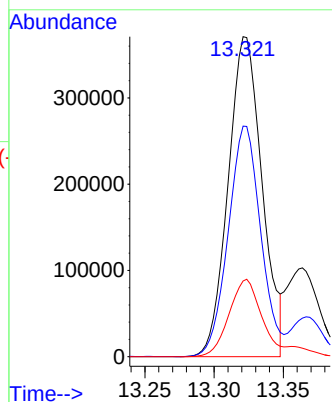
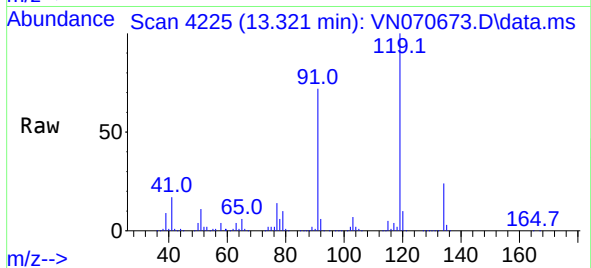




#83  
tert-Butylbenzene  
Concen: 18.168 ug/l  
RT: 13.321 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

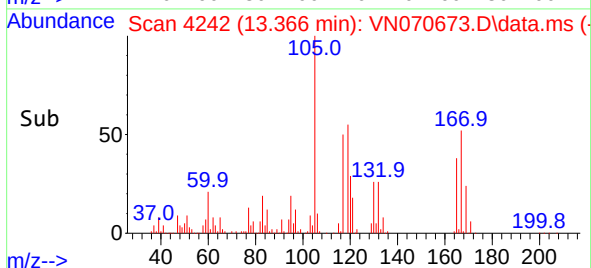
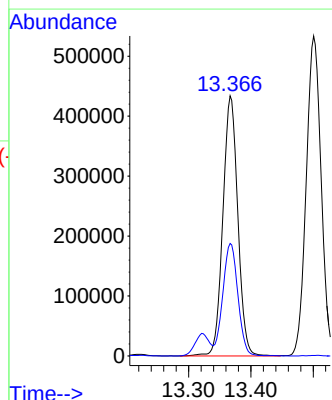
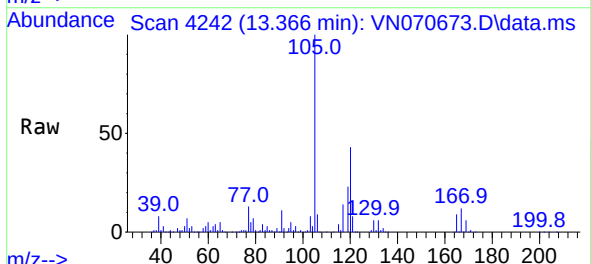
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

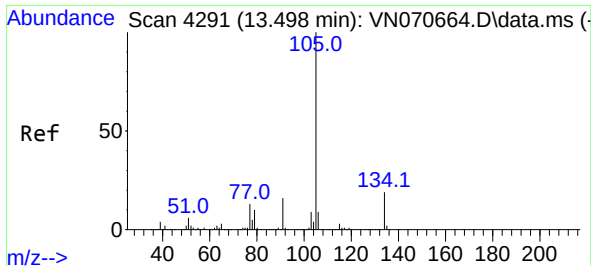
Tgt Ion:119 Resp: 631473  
Ion Ratio Lower Upper  
119 100  
91 69.6 31.5 94.5  
134 23.2 12.4 37.4



#84  
1,2,4-Trimethylbenzene  
Concen: 18.831 ug/l  
RT: 13.366 min Scan# 4242  
Delta R.T. -0.001 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion:105 Resp: 722785  
Ion Ratio Lower Upper  
105 100  
120 43.4 22.8 68.4

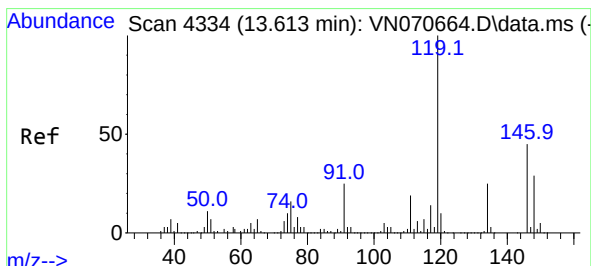
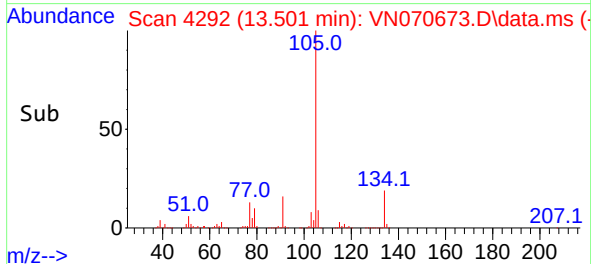
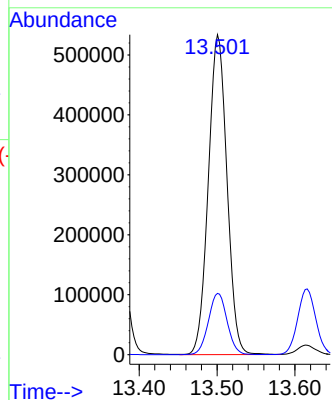
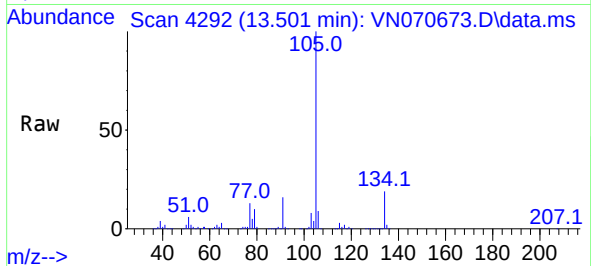




#85  
sec-Butylbenzene  
Concen: 18.756 ug/l  
RT: 13.501 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

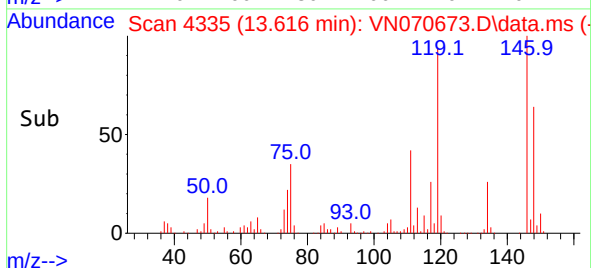
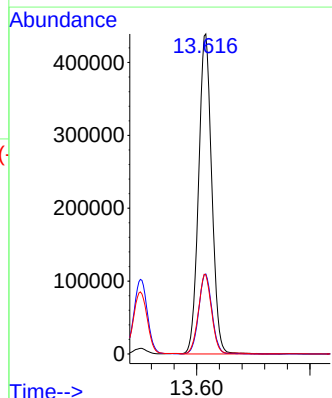
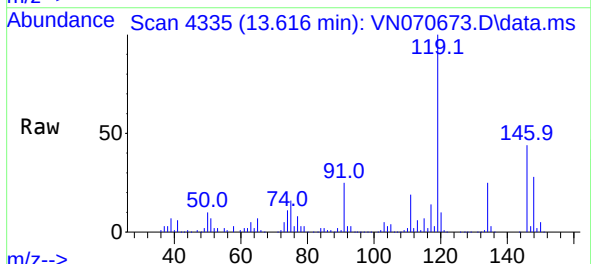
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

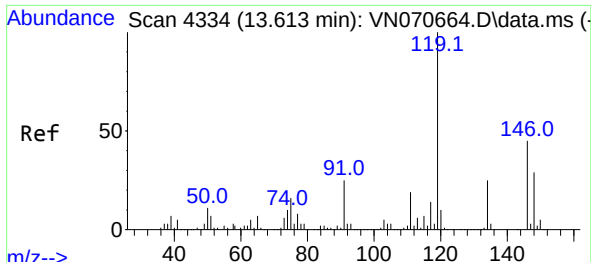
Tgt Ion:105 Resp: 886291  
Ion Ratio Lower Upper  
105 100  
134 19.3 10.4 31.1



#86  
p-Isopropyltoluene  
Concen: 19.041 ug/l  
RT: 13.616 min Scan# 4335  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion:119 Resp: 706827  
Ion Ratio Lower Upper  
119 100  
134 24.9 13.6 40.7  
91 24.7 11.4 34.1

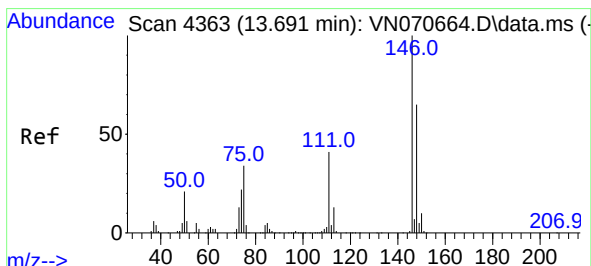
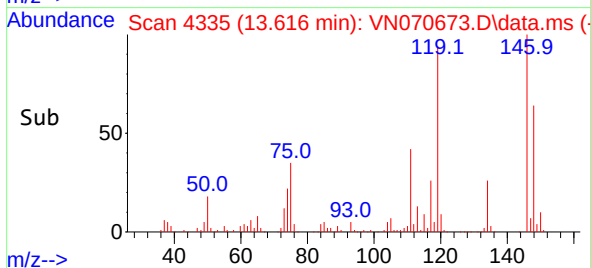
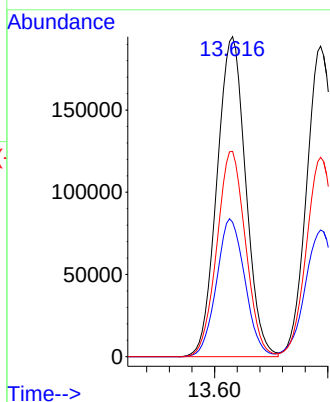
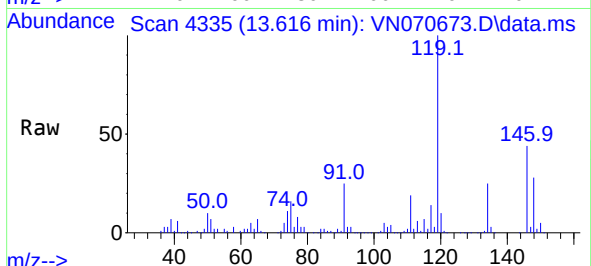




#87  
1,3-Dichlorobenzene  
Concen: 18.615 ug/l  
RT: 13.616 min Scan# 4335  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

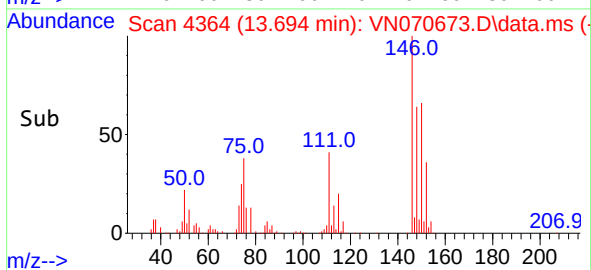
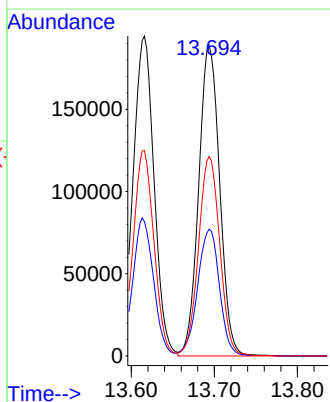
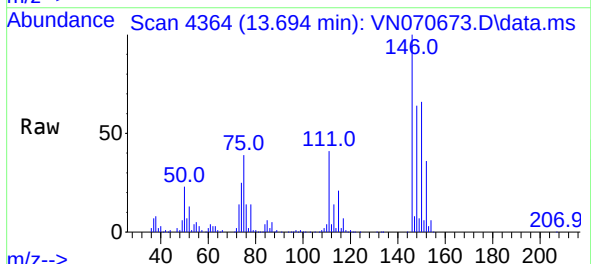
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

Tgt Ion:146 Resp: 342819  
Ion Ratio Lower Upper  
146 100  
111 42.7 18.6 55.6  
148 64.1 31.6 95.0

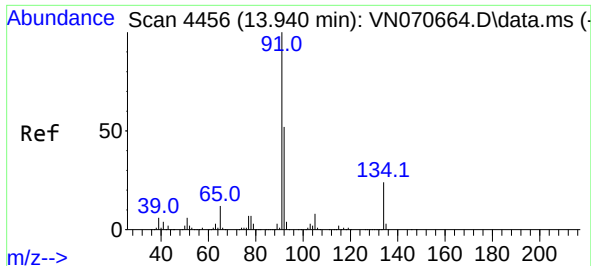


#88  
1,4-Dichlorobenzene  
Concen: 18.115 ug/l  
RT: 13.694 min Scan# 4364  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion:146 Resp: 332004  
Ion Ratio Lower Upper  
146 100  
111 42.3 18.3 54.8  
148 64.7 31.8 95.4



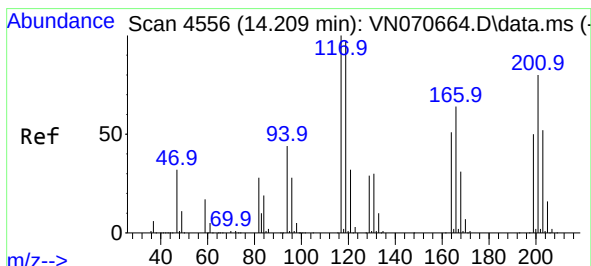
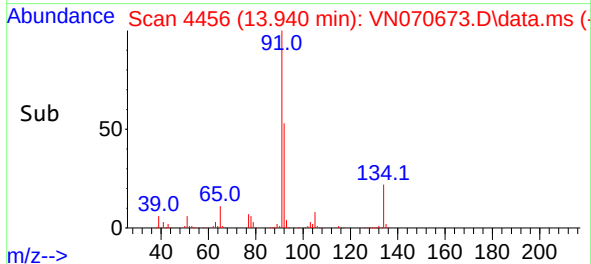
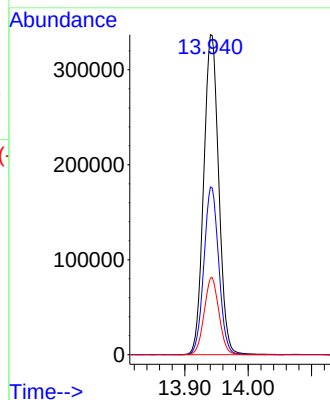
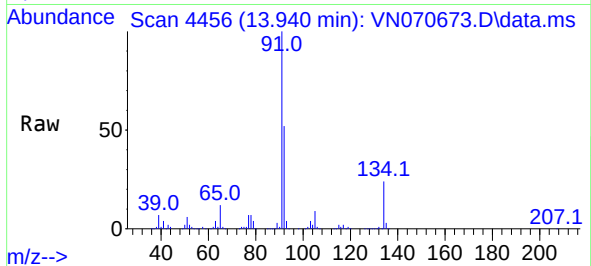




#89  
n-Butylbenzene  
Concen: 18.135 ug/l  
RT: 13.940 min Scan# 4456  
Delta R.T. 0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

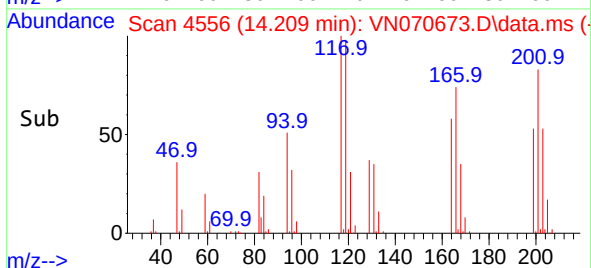
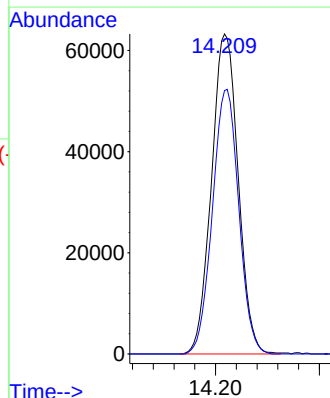
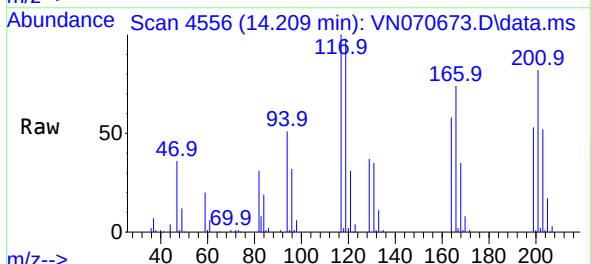
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

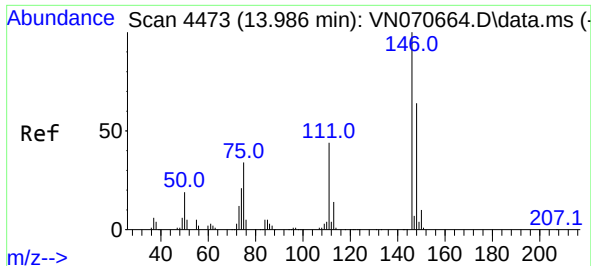
Tgt Ion: 91 Resp: 555342  
Ion Ratio Lower Upper  
91 100  
92 51.8 25.4 76.0  
134 23.7 13.6 40.8



#90  
Hexachloroethane  
Concen: 17.419 ug/l  
RT: 14.209 min Scan# 4556  
Delta R.T. -0.000 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 117 Resp: 113027  
Ion Ratio Lower Upper  
117 100  
201 81.4 43.9 131.6

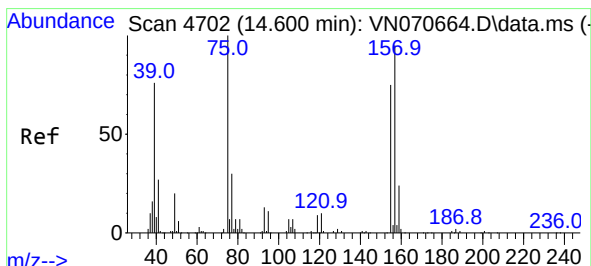
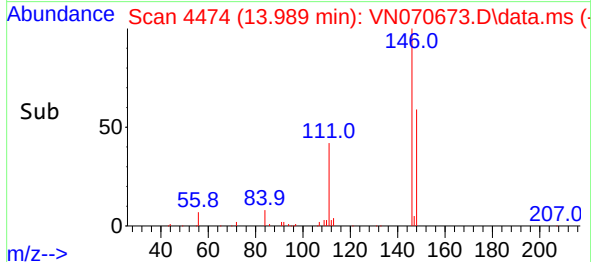
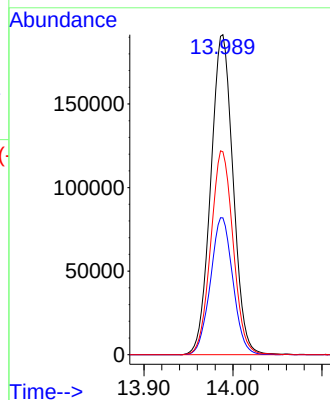
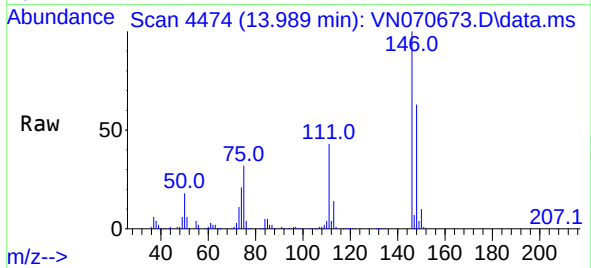




#91  
1,2-Dichlorobenzene  
Concen: 18.375 ug/l  
RT: 13.989 min Scan# 4473  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

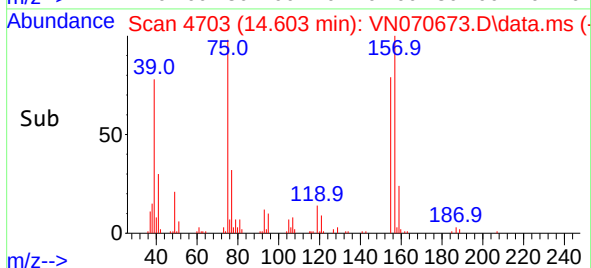
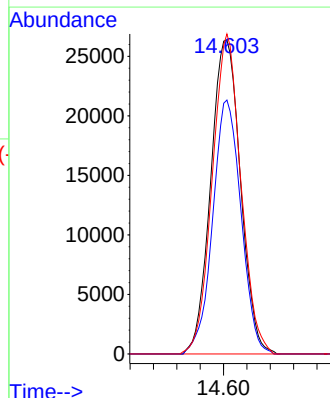
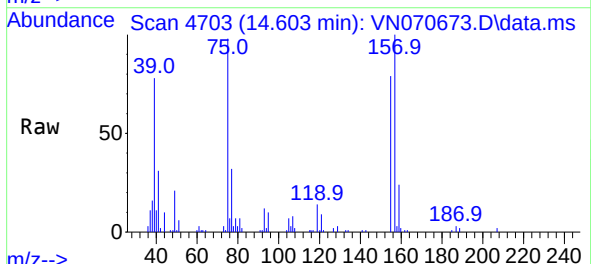
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

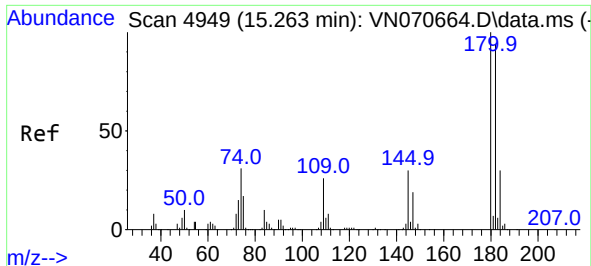
Tgt Ion:146 Resp: 334331  
Ion Ratio Lower Upper  
146 100  
111 42.9 19.1 57.3  
148 63.9 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 16.494 ug/l  
RT: 14.603 min Scan# 4703  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Tgt Ion: 75 Resp: 46656  
Ion Ratio Lower Upper  
75 100  
155 76.9 46.9 140.7  
157 97.9 60.6 181.7

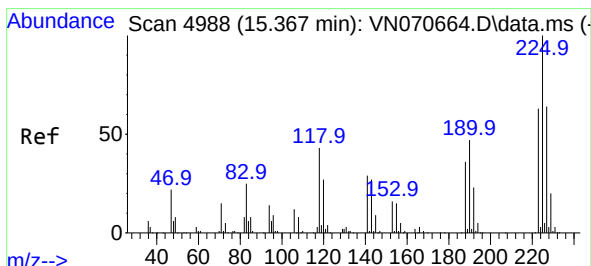
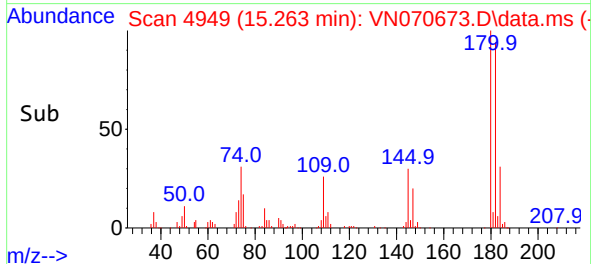
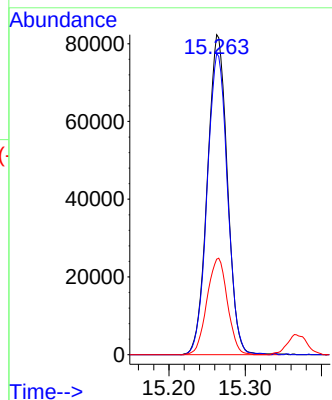
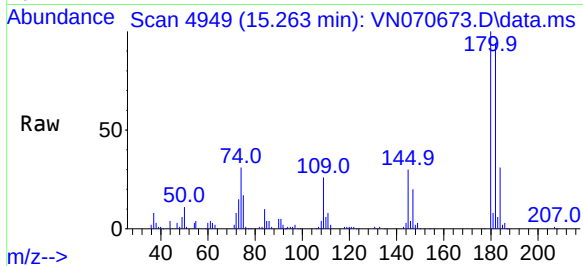




#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.883 ug/l  
 RT: 15.263 min Scan# 4949  
 Delta R.T. -0.000 min  
 Lab File: VN070673.D  
 Acq: 18 Jan 2022 18:34

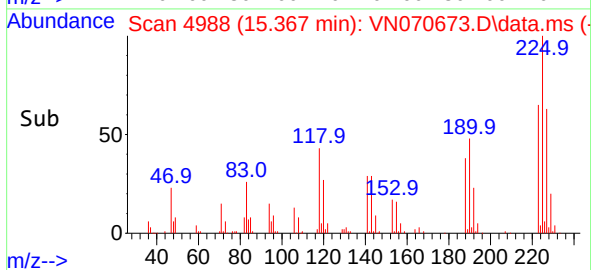
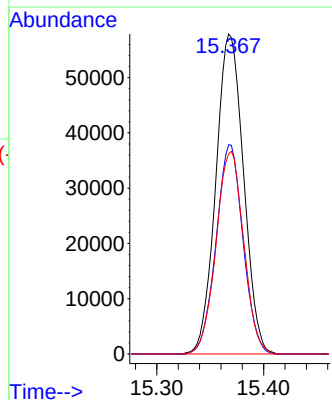
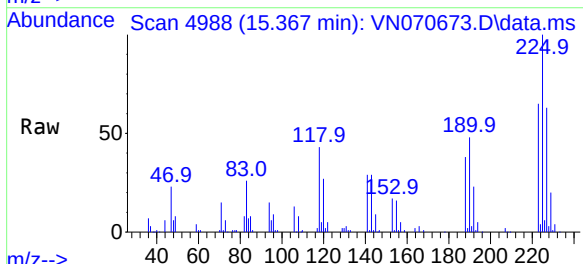
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0118MBS01

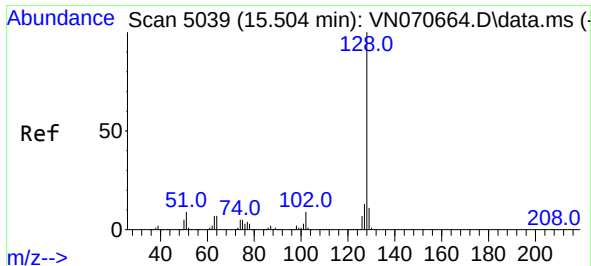
Tgt Ion:180 Resp: 149664  
 Ion Ratio Lower Upper  
 180 100  
 182 95.5 48.3 144.9  
 145 30.8 14.5 43.5



#94  
 Hexachlorobutadiene  
 Concen: 19.369 ug/l  
 RT: 15.367 min Scan# 4988  
 Delta R.T. 0.000 min  
 Lab File: VN070673.D  
 Acq: 18 Jan 2022 18:34

Tgt Ion:225 Resp: 104375  
 Ion Ratio Lower Upper  
 225 100  
 223 63.5 31.9 95.7  
 227 62.9 32.1 96.3

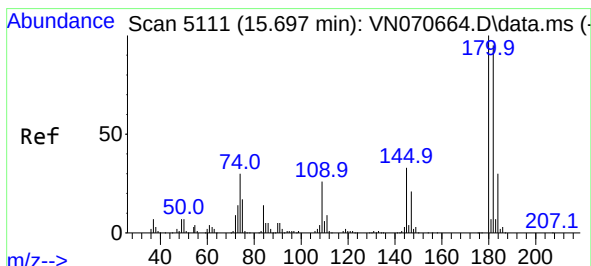
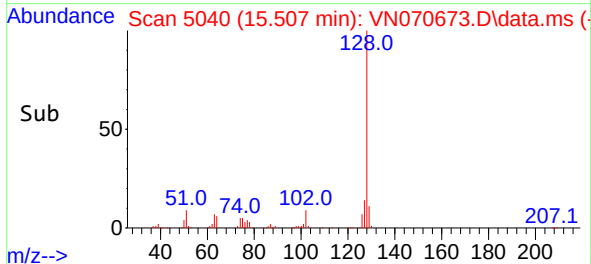
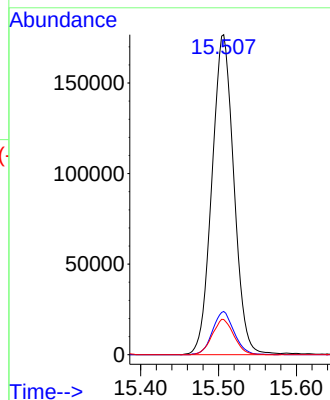
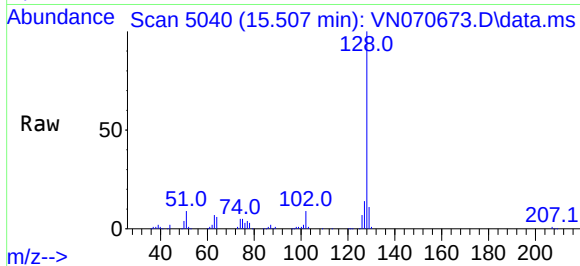




#95  
Naphthalene  
Concen: 16.453 ug/l  
RT: 15.507 min Scan# 5039  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0118MBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 345561 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.2  | 10.5  | 15.7   |
| 129       | 10.9  | 8.7   | 13.1   |



#96  
1,2,3-Trichlorobenzene  
Concen: 17.427 ug/l  
RT: 15.700 min Scan# 5112  
Delta R.T. 0.003 min  
Lab File: VN070673.D  
Acq: 18 Jan 2022 18:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 139993 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 97.8  | 47.4  | 142.2  |
| 145       | 33.2  | 15.0  | 45.1   |

