

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121421\  
 Data File : VN070086.D  
 Acq On : 14 Dec 2021 21:48  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 15 05:24:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 03 08:46:47 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.086  | 168  | 1038166  | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.968  | 114  | 1766141  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.744 | 117  | 1665376  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.675 | 152  | 741063   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.437  | 65    | 737344   | 46.000   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 92.000% |
| 35) Dibromofluoromethane    | 8.021  | 113   | 498788   | 45.087   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 90.180% |
| 50) Toluene-d8              | 10.440 | 98    | 1967535  | 44.293   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 88.580% |
| 62) 4-Bromofluorobenzene    | 12.731 | 95    | 752843   | 46.782   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 93.560% |

|                              |       |     |         |         |        |    |
|------------------------------|-------|-----|---------|---------|--------|----|
| Target Compounds             |       |     |         |         | Qvalue |    |
| 2) Dichlorodifluoromethane   | 2.073 | 85  | 529037  | 43.691  | ug/l   | 98 |
| 3) Chloromethane             | 2.301 | 50  | 678321  | 44.715  | ug/l   | 99 |
| 4) Vinyl Chloride            | 2.446 | 62  | 628204  | 45.037  | ug/l   | 98 |
| 5) Bromomethane              | 2.832 | 94  | 333287  | 43.980  | ug/l   | 99 |
| 6) Chloroethane              | 3.006 | 64  | 374585  | 43.823  | ug/l   | 97 |
| 7) Trichlorofluoromethane    | 3.368 | 101 | 789495  | 43.125  | ug/l   | 99 |
| 8) Diethyl Ether             | 3.821 | 74  | 346841  | 49.191  | ug/l   | 80 |
| 9) 1,1,2-Trichlorotrifluo... | 4.202 | 101 | 493637  | 48.103  | ug/l   | 96 |
| 10) Methyl Iodide            | 4.414 | 142 | 672513  | 47.970  | ug/l   | 99 |
| 11) Tert butyl alcohol       | 5.382 | 59  | 690993  | 228.056 | ug/l   | 99 |
| 12) 1,1-Dichloroethene       | 4.175 | 96  | 465461  | 47.069  | ug/l   | 89 |
| 13) Acrolein                 | 4.036 | 56  | 574379  | 222.606 | ug/l   | 97 |
| 14) Allyl chloride           | 4.835 | 41  | 1086629 | 48.764  | ug/l # | 90 |
| 15) Acrylonitrile            | 5.554 | 53  | 2016134 | 246.937 | ug/l   | 99 |
| 16) Acetone                  | 4.285 | 43  | 1902847 | 197.343 | ug/l   | 98 |
| 17) Carbon Disulfide         | 4.524 | 76  | 1026011 | 40.160  | ug/l   | 98 |
| 18) Methyl Acetate           | 4.854 | 43  | 1427635 | 49.051  | ug/l   | 91 |
| 19) Methyl tert-butyl Ether  | 5.616 | 73  | 1927746 | 50.135  | ug/l   | 95 |
| 20) Methylene Chloride       | 5.093 | 84  | 597932  | 46.646  | ug/l # | 86 |
| 21) trans-1,2-Dichloroethene | 5.594 | 96  | 503696  | 46.895  | ug/l # | 84 |
| 22) Diisopropyl ether        | 6.498 | 45  | 2301239 | 52.836  | ug/l # | 93 |
| 23) Vinyl Acetate            | 6.434 | 43  | 9194780 | 259.491 | ug/l # | 94 |
| 24) 1,1-Dichloroethane       | 6.385 | 63  | 1138039 | 50.441  | ug/l   | 98 |
| 25) 2-Butanone               | 7.337 | 43  | 3000884 | 229.055 | ug/l   | 91 |
| 26) 2,2-Dichloropropane      | 7.324 | 77  | 748256  | 42.655  | ug/l   | 97 |
| 27) cis-1,2-Dichloroethene   | 7.324 | 96  | 624088  | 48.092  | ug/l   | 86 |
| 28) Bromochloromethane       | 7.657 | 49  | 527000  | 44.919  | ug/l # | 76 |
| 29) Tetrahydrofuran          | 7.683 | 42  | 1956137 | 245.890 | ug/l   | 87 |
| 30) Chloroform               | 7.818 | 83  | 1120087 | 49.157  | ug/l   | 99 |
| 31) Cyclohexane              | 8.094 | 56  | 1035054 | 46.400  | ug/l   | 86 |
| 32) 1,1,1-Trichloroethane    | 8.013 | 97  | 922319  | 47.520  | ug/l   | 96 |
| 36) 1,1-Dichloropropene      | 8.220 | 75  | 794789  | 47.272  | ug/l   | 96 |
| 37) Ethyl Acetate            | 7.413 | 43  | 1149848 | 45.949  | ug/l   | 96 |
| 38) Carbon Tetrachloride     | 8.206 | 117 | 721150  | 43.740  | ug/l   | 99 |
| 39) Methylcyclohexane        | 9.459 | 83  | 934023  | 46.704  | ug/l   | 89 |
| 40) Benzene                  | 8.459 | 78  | 2449533 | 47.664  | ug/l   | 99 |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 15 05:24:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 03 08:46:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.638  | 41   | 592607   | 50.447  | ug/l # | 88       |
| 42) 1,2-Dichloroethane        | 8.528  | 62   | 989313   | 47.688  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.560  | 43   | 1818848  | 49.116  | ug/l # | 93       |
| 44) Trichloroethene           | 9.215  | 130  | 561438   | 45.772  | ug/l   | 89       |
| 45) 1,2-Dichloropropane       | 9.488  | 63   | 681975   | 49.417  | ug/l   | 99       |
| 46) Dibromomethane            | 9.577  | 93   | 422509   | 46.682  | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.762  | 83   | 840067   | 49.023  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.561  | 41   | 845650   | 48.933  | ug/l   | 87       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 284949   | 918.928 | ug/l # | 81       |
| 51) 4-Methyl-2-Pentanone      | 10.331 | 43   | 6087774  | 253.409 | ug/l   | 95       |
| 52) Toluene                   | 10.505 | 92   | 1514438  | 48.269  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 885200   | 43.337  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.188 | 75   | 974764   | 45.255  | ug/l   | 90       |
| 55) 1,1,2-Trichloroethane     | 10.899 | 97   | 615379   | 48.611  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.760 | 69   | 1073461  | 45.172  | ug/l # | 88       |
| 57) 1,3-Dichloropropane       | 11.044 | 76   | 1089707  | 48.887  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.041 | 63   | 1386574  | 217.539 | ug/l   | 90       |
| 59) 2-Hexanone                | 11.084 | 43   | 4399632  | 242.097 | ug/l   | 93       |
| 60) Dibromochloromethane      | 11.237 | 129  | 580771   | 43.159  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.344 | 107  | 624164   | 47.603  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.977 | 164  | 481729   | 42.660  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.768 | 112  | 1584685  | 46.904  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.840 | 131  | 556747   | 46.819  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.843 | 91   | 3015054  | 49.129  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.953 | 106  | 2193623  | 98.168  | ug/l   | 92       |
| 69) o-Xylene                  | 12.280 | 106  | 1101308  | 48.930  | ug/l   | 90       |
| 70) Styrene                   | 12.294 | 104  | 1815191  | 50.859  | ug/l   | 96       |
| 71) Bromoform                 | 12.457 | 173  | 413265   | 41.144  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.578 | 105  | 2912880  | 44.179  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.388 | 43   | 1379449  | 47.309  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.827 | 83   | 1007477  | 44.188  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.881 | 75   | 1218043  | 57.314  | ug/l # | 1        |
| 77) Bromobenzene              | 12.860 | 156  | 665970   | 43.002  | ug/l   | 76       |
| 78) n-propylbenzene           | 12.919 | 91   | 3340524  | 45.530  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.007 | 91   | 2062629  | 44.491  | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 13.058 | 105  | 2386893  | 44.977  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.624 | 75   | 251505   | 39.648  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 13.104 | 91   | 1986808  | 45.570  | ug/l   | 92       |
| 83) tert-Butylbenzene         | 13.324 | 119  | 2081179  | 44.289  | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene    | 13.367 | 105  | 2324719  | 45.997  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.501 | 105  | 2924677  | 45.885  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.616 | 119  | 2306825  | 46.301  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146  | 1146050  | 45.045  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.694 | 146  | 1109050  | 44.356  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.940 | 91   | 1900040  | 47.013  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.209 | 117  | 362623   | 41.456  | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene       | 13.989 | 146  | 1105104  | 44.579  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.603 | 75   | 178400   | 43.301  | ug/l   | 78       |
| 93) 1,2,4-Trichlorobenzene    | 15.263 | 180  | 517942   | 43.025  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.370 | 225  | 296142   | 45.076  | ug/l   | 99       |
| 95) Naphthalene               | 15.504 | 128  | 1482844  | 41.666  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.700 | 180  | 510868   | 43.449  | ug/l   | 98       |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

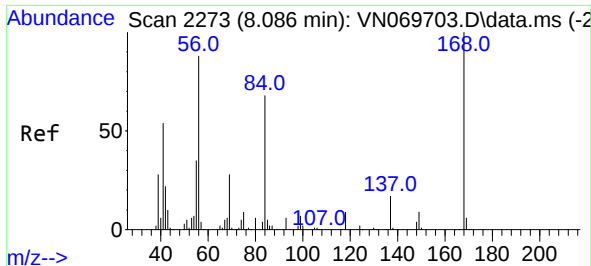
Quant Time: Dec 15 05:24:17 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 03 08:46:47 2021  
Response via : Initial Calibration

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

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

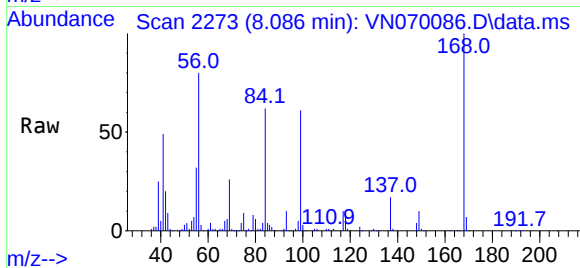
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 03 08:46:47 2021  
Response via : Initial Calibration



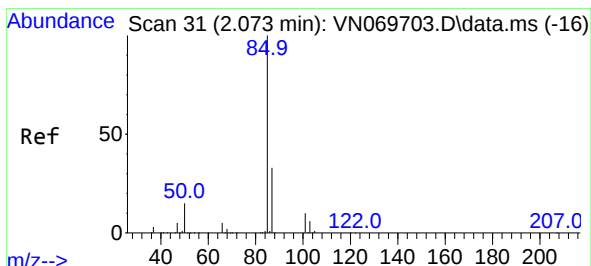
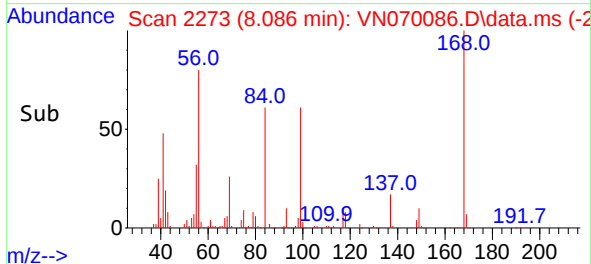
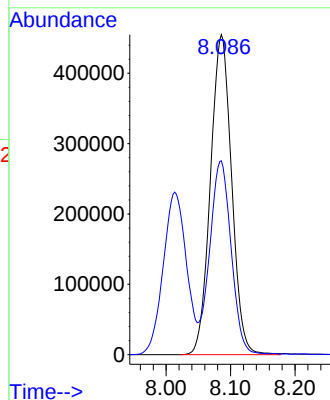


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Instrument :  
MSVOA\_N  
ClientSampleId :

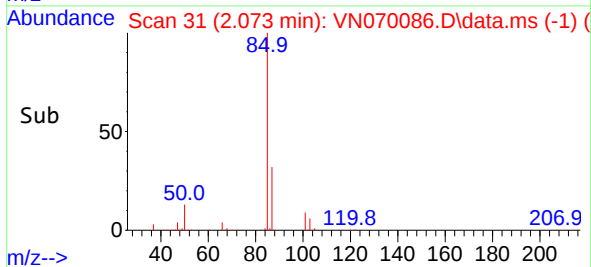
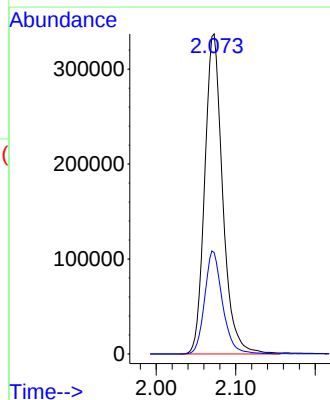
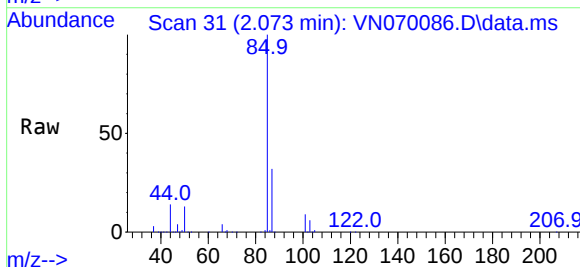


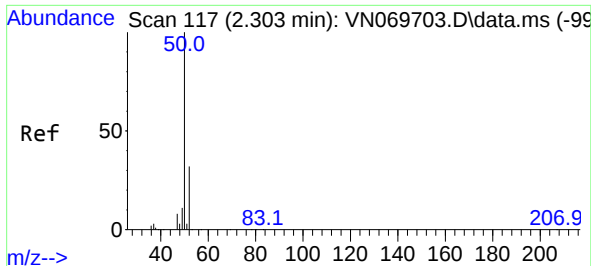
Tgt Ion:168 Resp: 1038166  
Ion Ratio Lower Upper  
168 100  
99 60.4 41.3 61.9



#2  
Dichlorodifluoromethane  
Concen: 43.691 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Tgt Ion: 85 Resp: 529037  
Ion Ratio Lower Upper  
85 100  
87 31.7 16.3 48.9

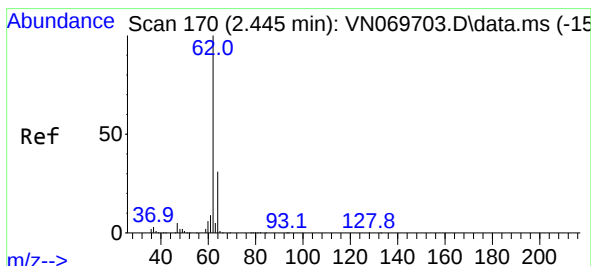
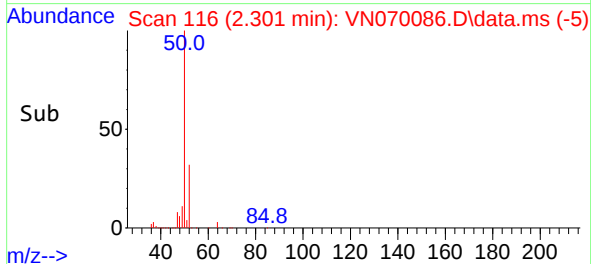
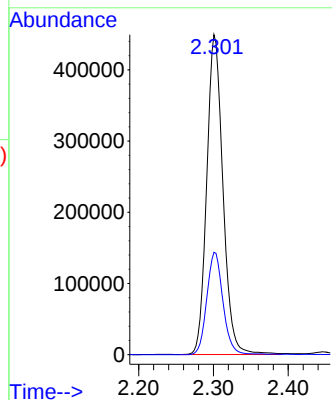
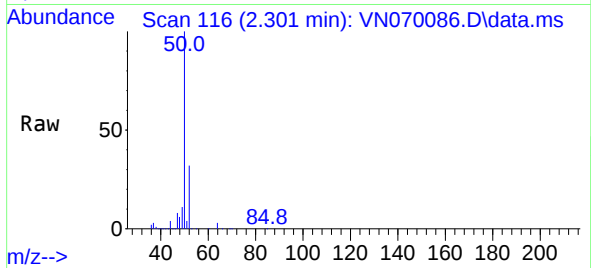




#3  
Chloromethane  
Concen: 44.715 ug/l  
RT: 2.301 min Scan# 11  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

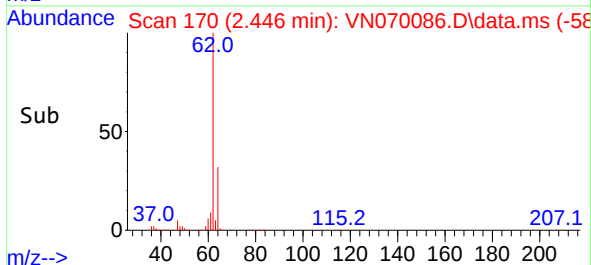
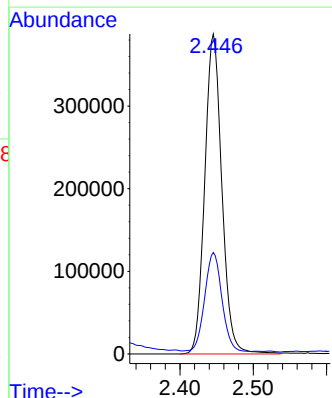
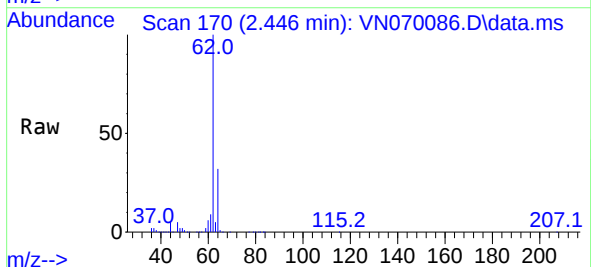
Instrument :  
MSVOA\_N  
ClientSampleId :

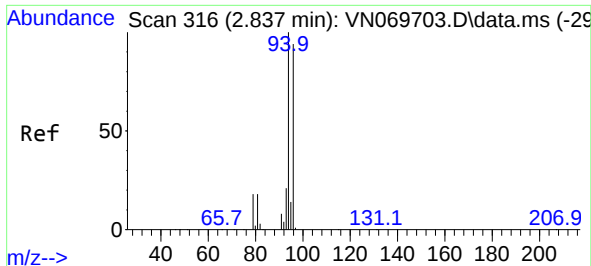
Tgt Ion: 50 Resp: 678321  
Ion Ratio Lower Upper  
50 100  
52 32.0 25.4 38.0



#4  
Vinyl Chloride  
Concen: 45.037 ug/l  
RT: 2.446 min Scan# 170  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

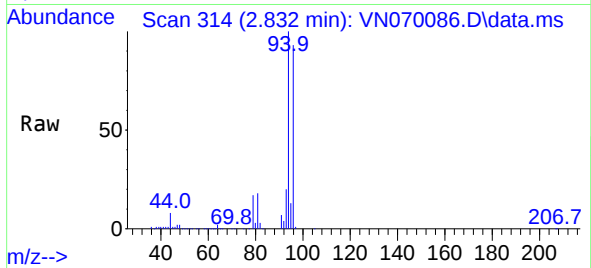
Tgt Ion: 62 Resp: 628204  
Ion Ratio Lower Upper  
62 100  
64 31.1 25.8 38.6



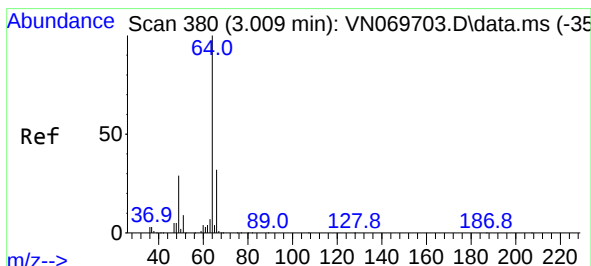
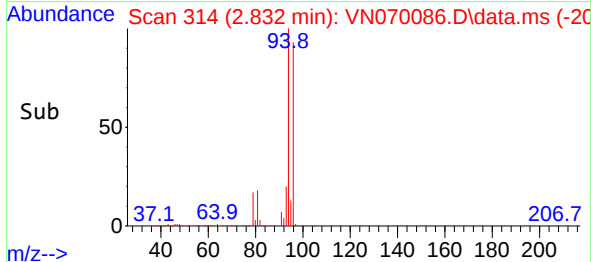
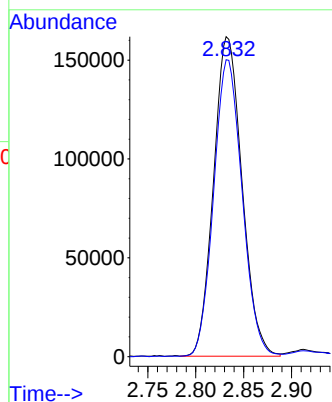


#5  
Bromomethane  
Concen: 43.980 ug/l  
RT: 2.832 min Scan# 316  
Delta R.T. -0.005 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Instrument :  
MSVOA\_N  
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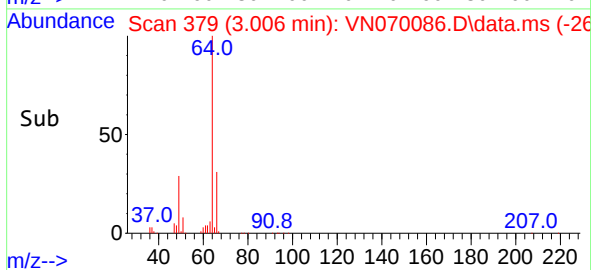
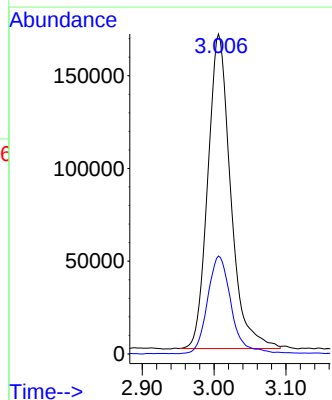
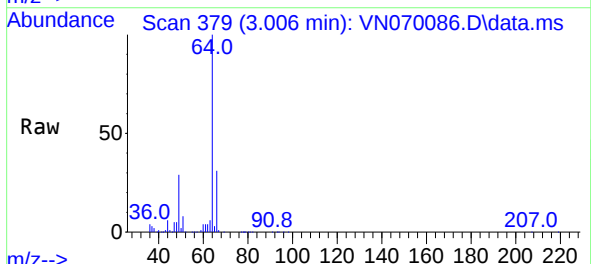


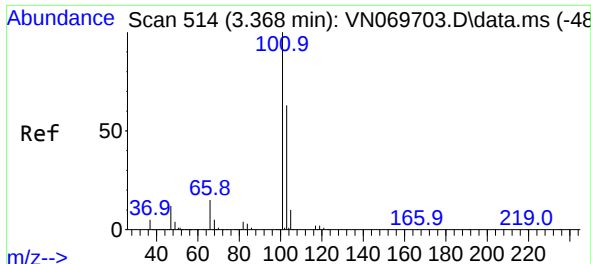
Tgt Ion: 94 Resp: 333287  
Ion Ratio Lower Upper  
94 100  
96 92.8 73.8 110.8



#6  
Chloroethane  
Concen: 43.823 ug/l  
RT: 3.006 min Scan# 379  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Tgt Ion: 64 Resp: 374585  
Ion Ratio Lower Upper  
64 100  
66 31.0 26.3 39.5

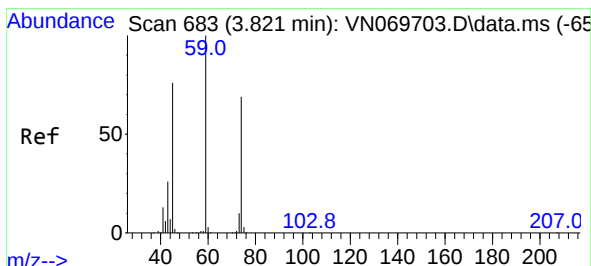
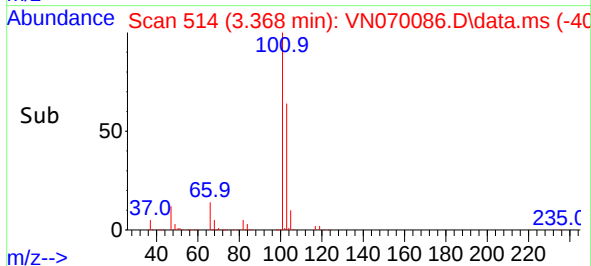
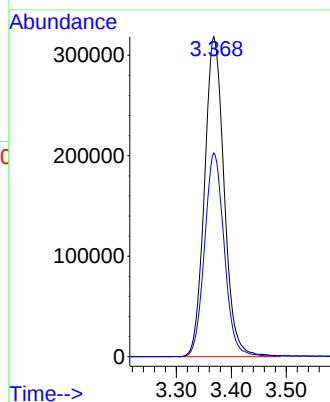
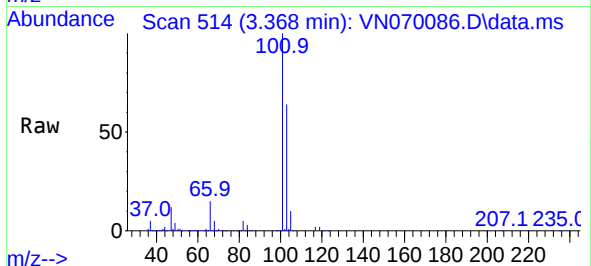




#7  
 Trichlorofluoromethane  
 Concen: 43.125 ug/l  
 RT: 3.368 min Scan# 514  
 Delta R.T. 0.000 min  
 Lab File: VN070086.D  
 Acq: 14 Dec 2021 21:48

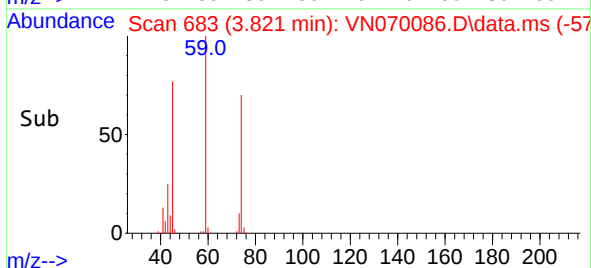
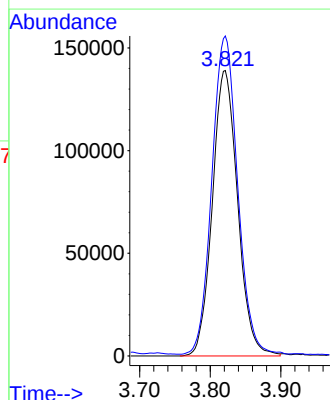
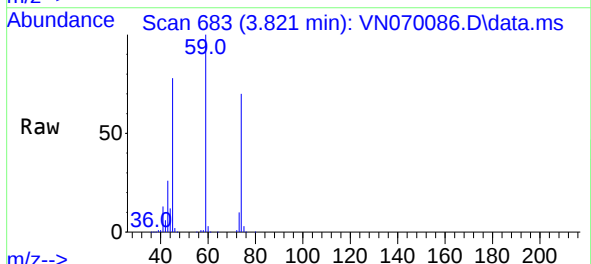
Instrument :  
 MSVOA\_N  
 ClientSampleId :

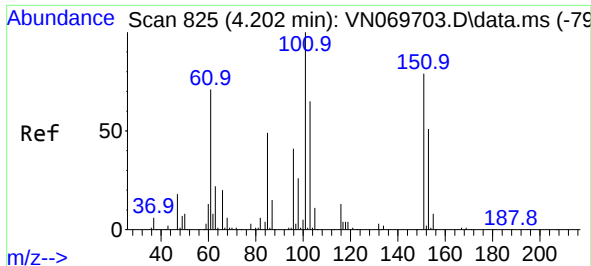
Tgt Ion:101 Resp: 789495  
 Ion Ratio Lower Upper  
 101 100  
 103 63.7 50.1 75.1



#8  
 Diethyl Ether  
 Concen: 49.191 ug/l  
 RT: 3.821 min Scan# 683  
 Delta R.T. 0.000 min  
 Lab File: VN070086.D  
 Acq: 14 Dec 2021 21:48

Tgt Ion: 74 Resp: 346841  
 Ion Ratio Lower Upper  
 74 100  
 45 113.1 47.0 141.2

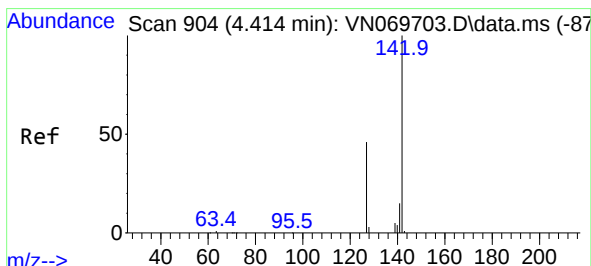
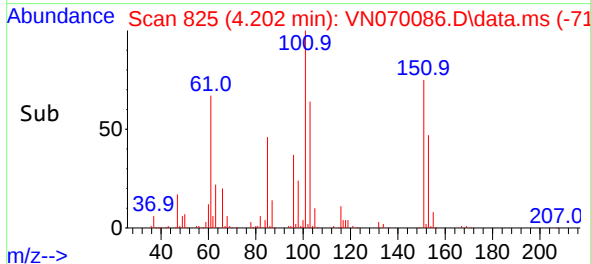
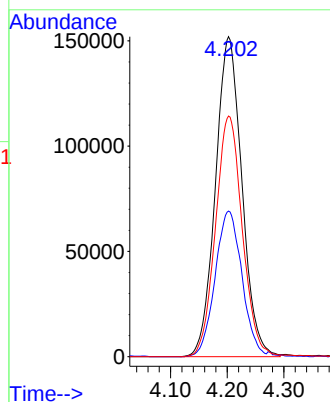
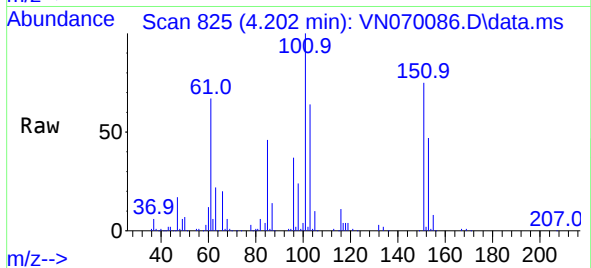




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.103 ug/l  
RT: 4.202 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

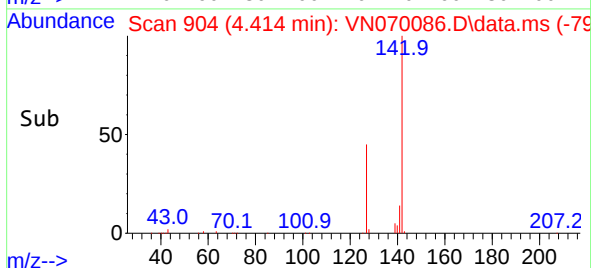
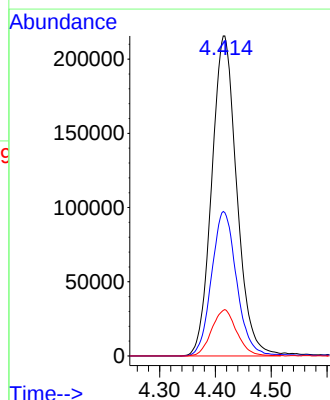
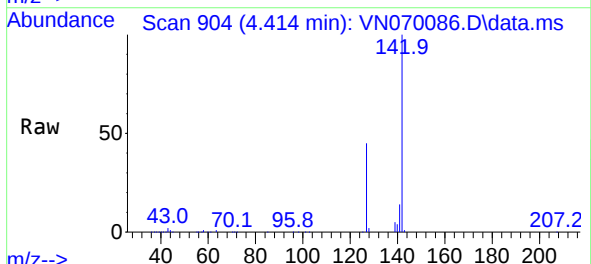
Instrument :  
MSVOA\_N  
ClientSampleId :

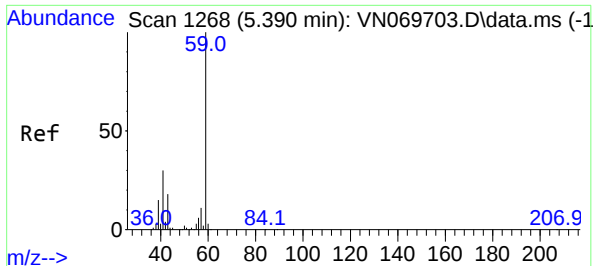
Tgt Ion:101 Resp: 493637  
Ion Ratio Lower Upper  
101 100  
85 46.2 37.2 55.8  
151 76.3 65.9 98.9



#10  
Methyl Iodide  
Concen: 47.970 ug/l  
RT: 4.414 min Scan# 904  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

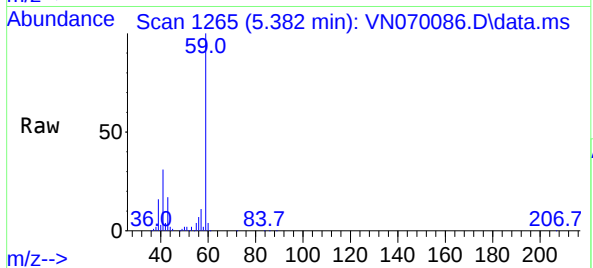
Tgt Ion:142 Resp: 672513  
Ion Ratio Lower Upper  
142 100  
127 45.5 35.4 53.0  
141 14.5 11.6 17.4



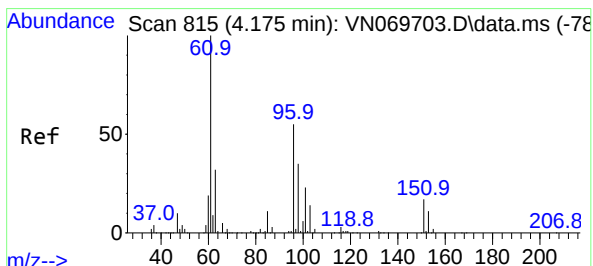
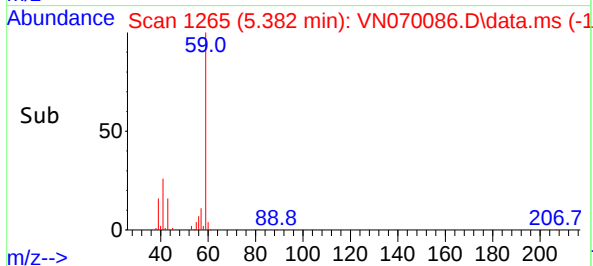
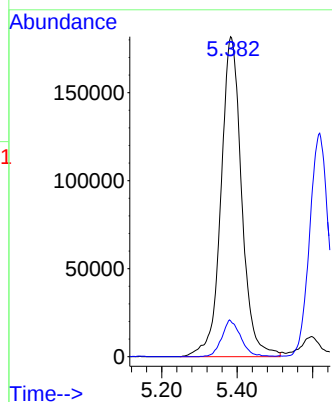


#11  
Tert butyl alcohol  
Concen: 228.056 ug/l  
RT: 5.382 min Scan# 11  
Delta R.T. -0.008 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Instrument :  
MSVOA\_N  
ClientSampleId :

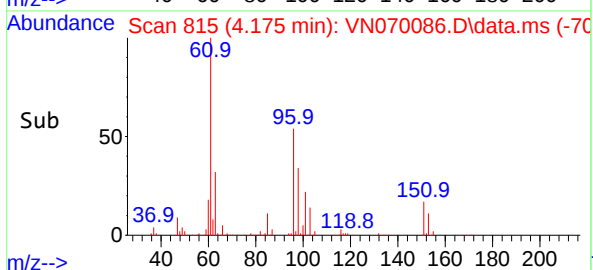
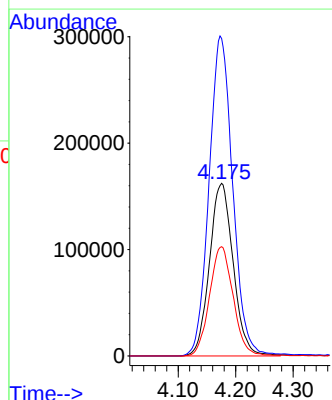
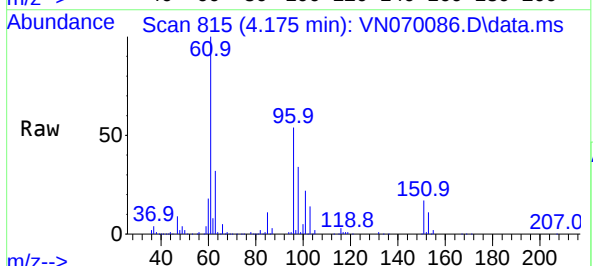


Tgt Ion: 59 Resp: 690993  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 47.069 ug/l  
RT: 4.175 min Scan# 815  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Tgt Ion: 96 Resp: 465461  
Ion Ratio Lower Upper  
96 100  
61 183.8 131.0 196.6  
98 63.3 52.4 78.6

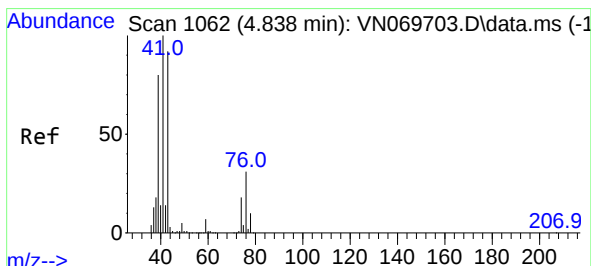
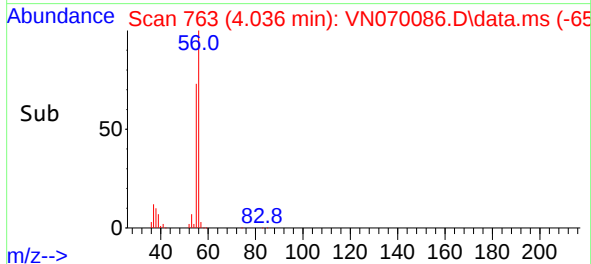
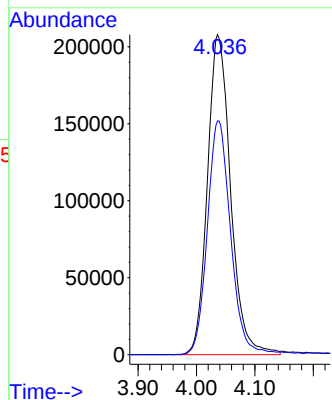
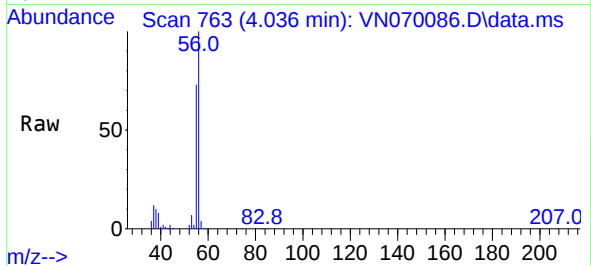




#13  
Acrolein  
Concen: 222.606 ug/l  
RT: 4.036 min Scan# 70  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

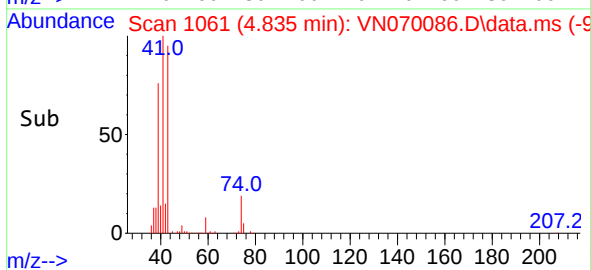
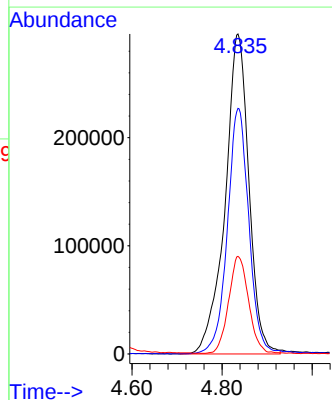
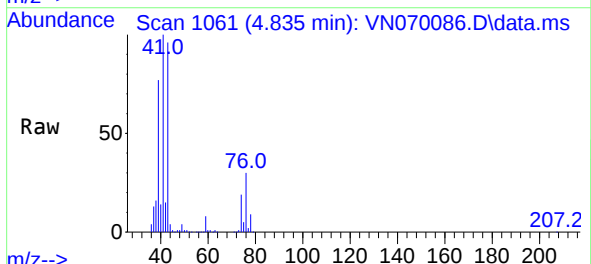
Instrument :  
MSVOA\_N  
ClientSampleId :

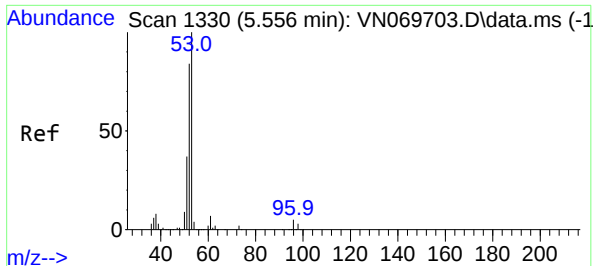
Tgt Ion: 56 Resp: 574379  
Ion Ratio Lower Upper  
56 100  
55 73.4 56.6 85.0



#14  
Allyl chloride  
Concen: 48.764 ug/l  
RT: 4.835 min Scan# 1061  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

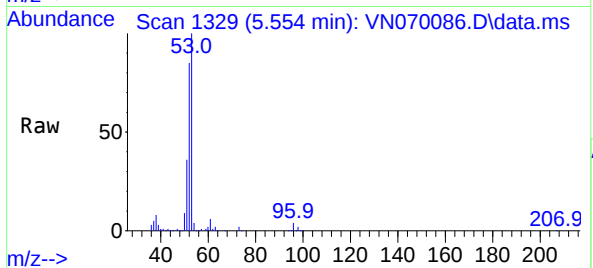
Tgt Ion: 41 Resp: 1086629  
Ion Ratio Lower Upper  
41 100  
39 68.8 61.2 91.8  
76 25.2 26.0 39.0#





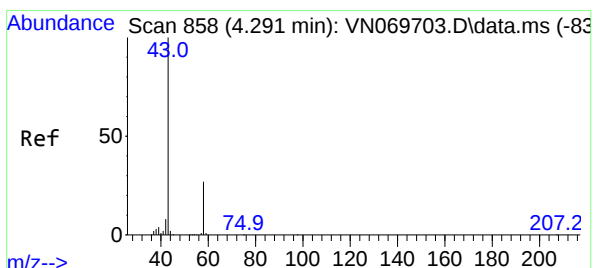
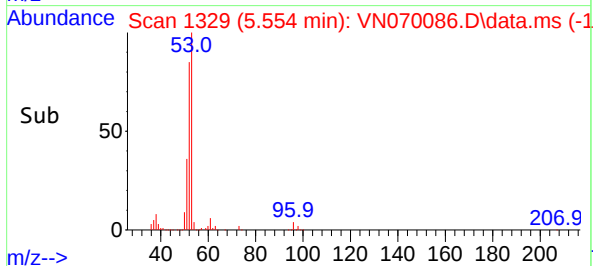
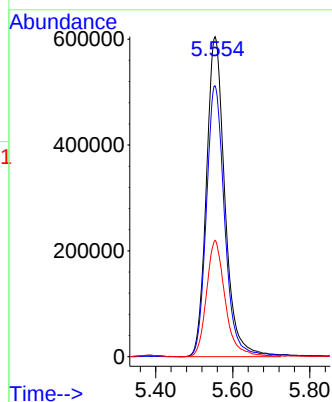
#15  
Acrylonitrile  
Concen: 246.937 ug/l  
RT: 5.554 min Scan# 11  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 53 Resp: 2016134  

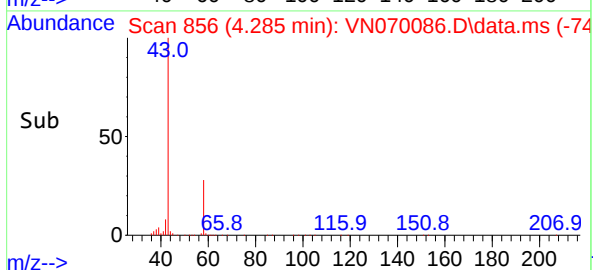
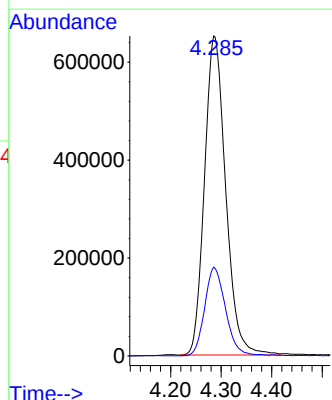
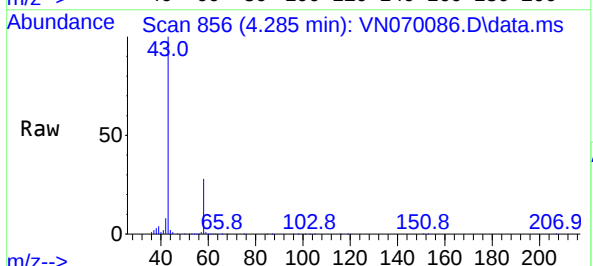
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.4  | 66.2  | 99.2  |
| 51  | 36.7  | 29.6  | 44.4  |

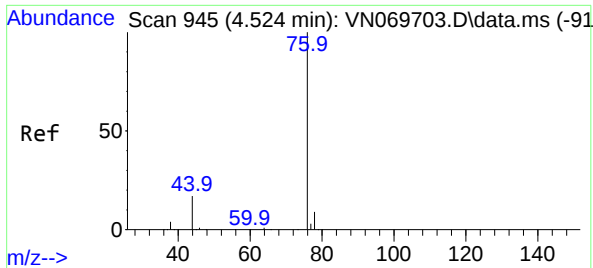


#16  
Acetone  
Concen: 197.343 ug/l  
RT: 4.285 min Scan# 856  
Delta R.T. -0.005 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Tgt Ion: 43 Resp: 1902847  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 27.7  | 23.1  | 34.7  |

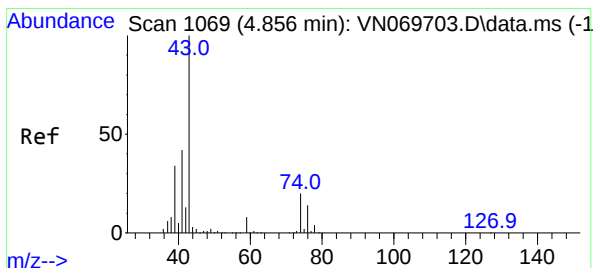
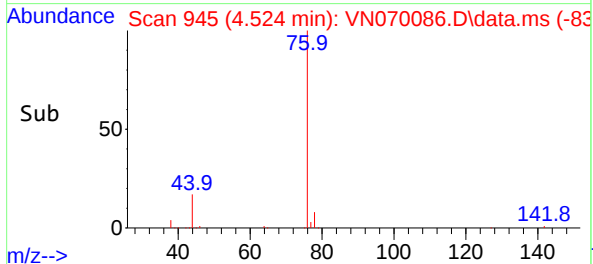
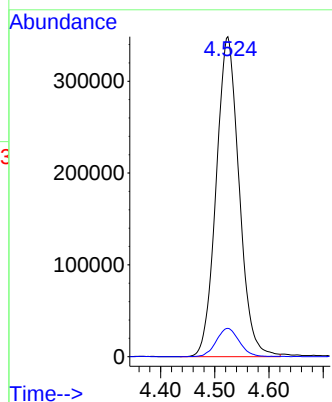
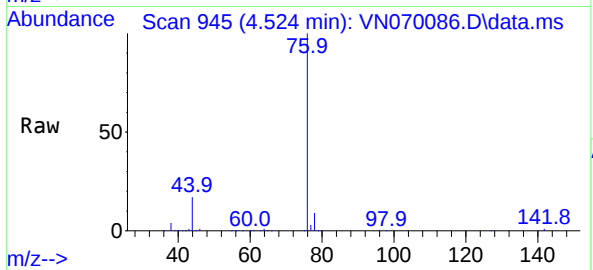




#17  
Carbon Disulfide  
Concen: 40.160 ug/l  
RT: 4.524 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

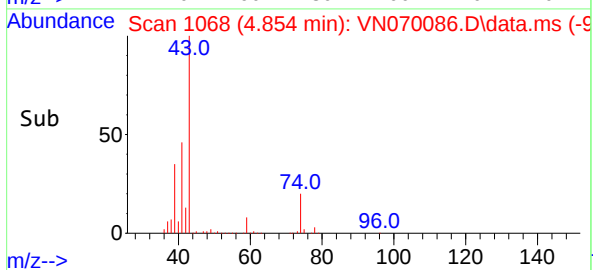
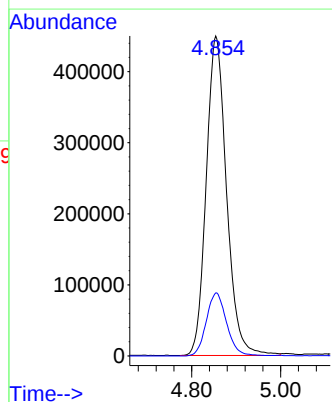
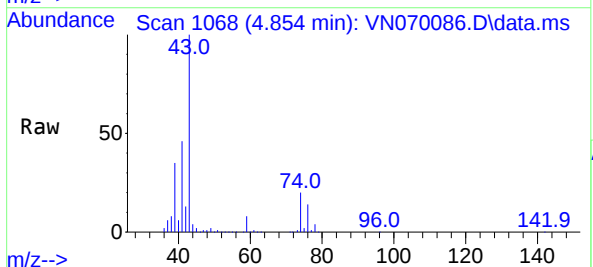
Instrument :  
MSVOA\_N  
ClientSampleId :

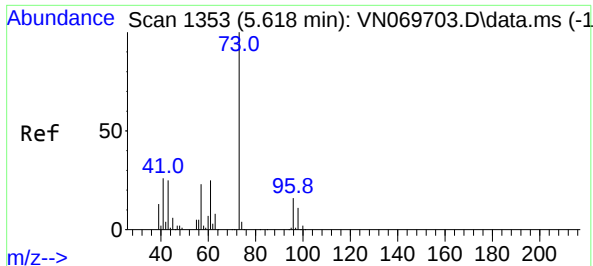
Tgt Ion: 76 Resp: 1026011  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.5 11.3



#18  
Methyl Acetate  
Concen: 49.051 ug/l  
RT: 4.854 min Scan# 1068  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Tgt Ion: 43 Resp: 1427635  
Ion Ratio Lower Upper  
43 100  
74 19.8 19.4 29.2

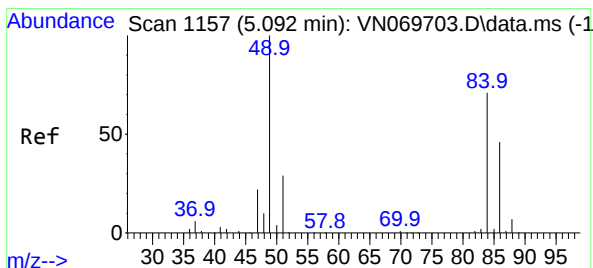
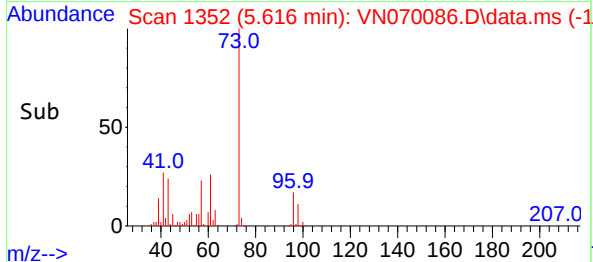
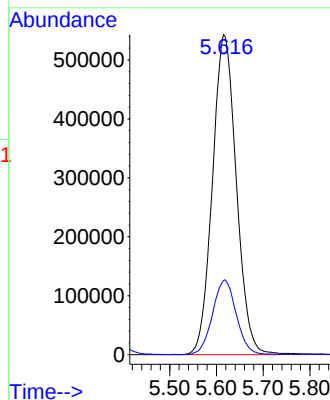
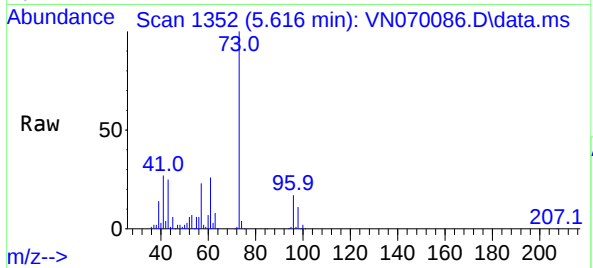




#19  
Methyl tert-butyl Ether  
Concen: 50.135 ug/l  
RT: 5.616 min Scan# 11  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

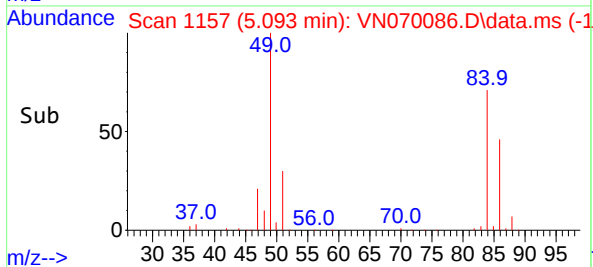
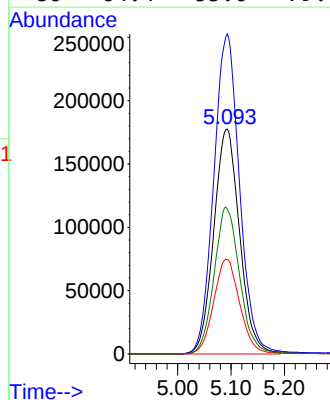
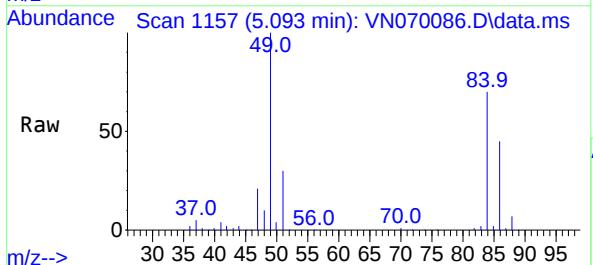
Instrument :  
MSVOA\_N  
ClientSampleId :

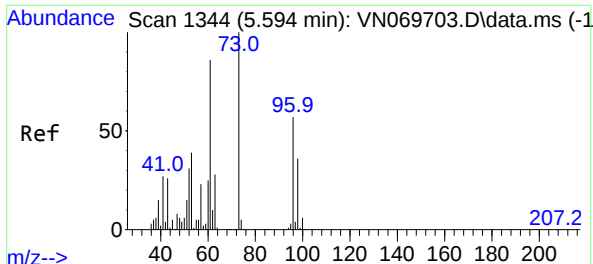
Tgt Ion: 73 Resp: 1927746  
Ion Ratio Lower Upper  
73 100  
57 23.2 16.8 25.2



#20  
Methylene Chloride  
Concen: 46.646 ug/l  
RT: 5.093 min Scan# 1157  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

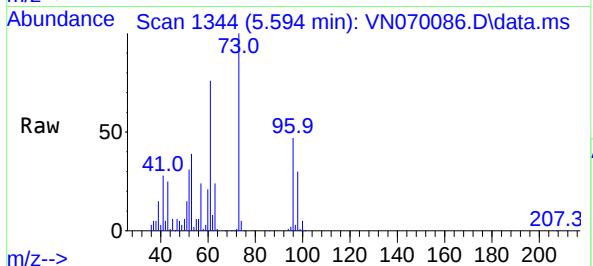
Tgt Ion: 84 Resp: 597932  
Ion Ratio Lower Upper  
84 100  
49 142.3 93.5 140.3#  
51 42.0 29.4 44.2  
86 64.4 53.0 79.4



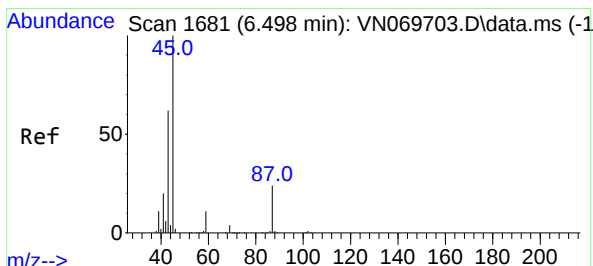
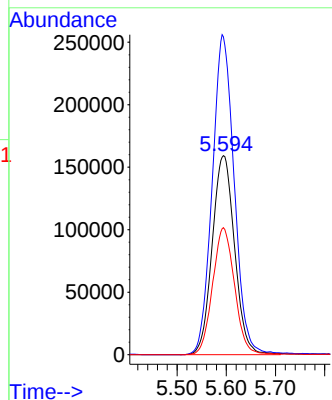
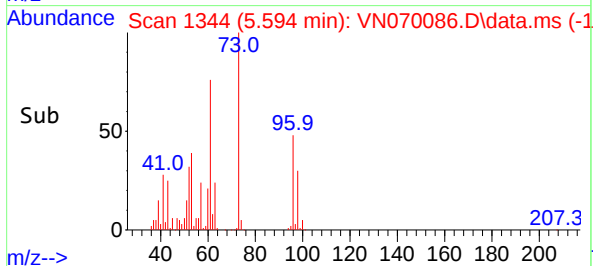


#21  
trans-1,2-Dichloroethene  
Concen: 46.895 ug/l  
RT: 5.594 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Instrument :  
MSVOA\_N  
ClientSampleId :

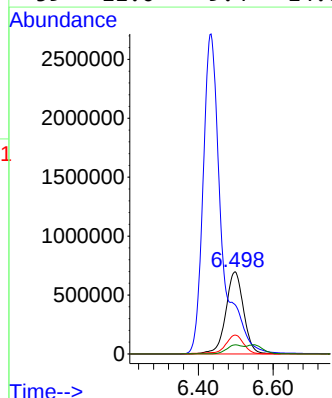
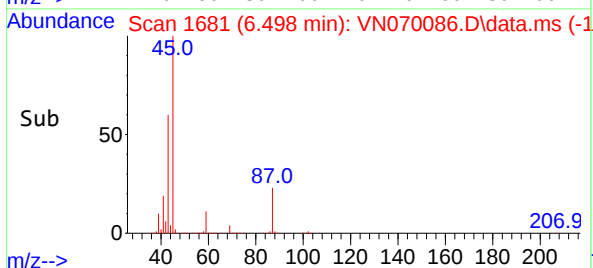
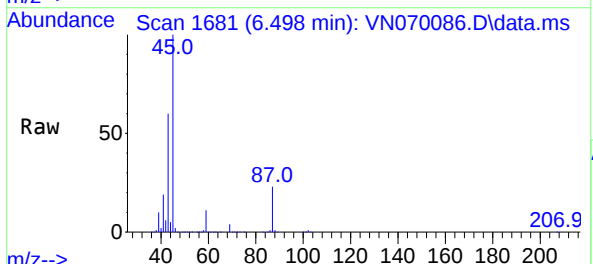


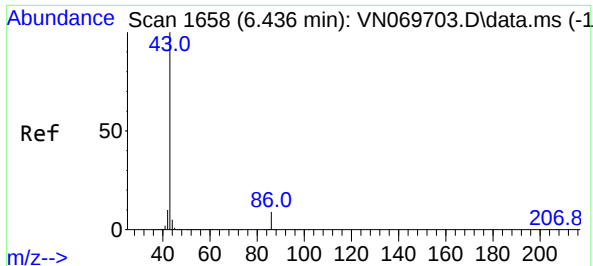
Tgt Ion: 96 Resp: 503696  
Ion Ratio Lower Upper  
96 100  
61 159.7 105.8 158.6#  
98 63.8 52.0 78.0



#22  
Diisopropyl ether  
Concen: 52.836 ug/l  
RT: 6.498 min Scan# 1681  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

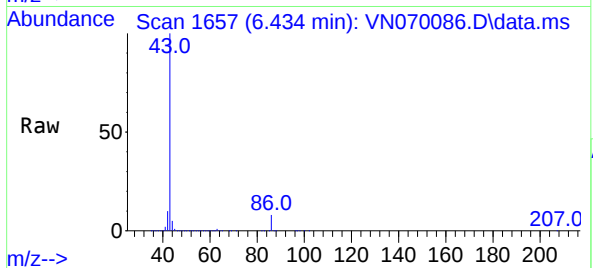
Tgt Ion: 45 Resp: 2301239  
Ion Ratio Lower Upper  
45 100  
43 59.8 51.7 77.5  
87 22.8 23.2 34.8#  
59 11.0 9.4 14.0



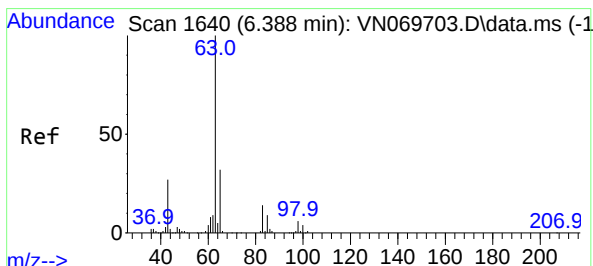
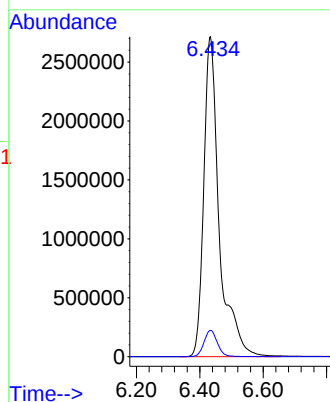
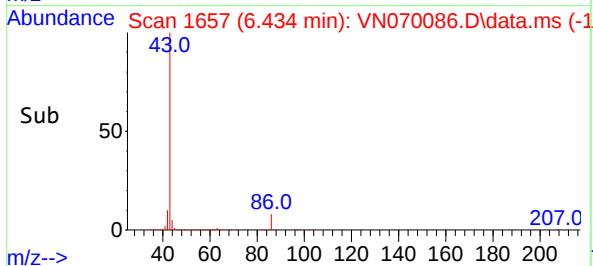


#23  
 Vinyl Acetate  
 Concen: 259.491 ug/l  
 RT: 6.434 min Scan# 1639  
 Delta R.T. -0.002 min  
 Lab File: VN070086.D  
 Acq: 14 Dec 2021 21:48

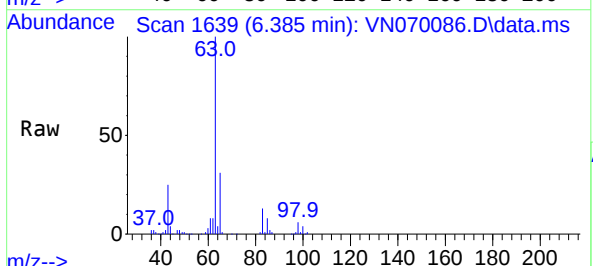
Instrument :  
 MSVOA\_N  
 ClientSampleId :



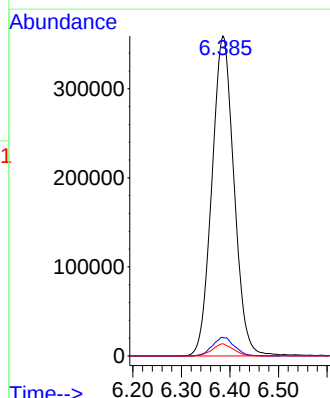
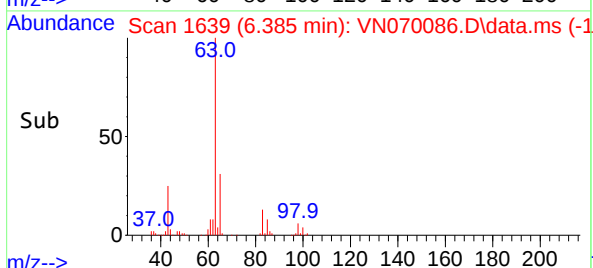
Tgt Ion: 43 Resp: 9194780  
 Ion Ratio Lower Upper  
 43 100  
 86 8.2 8.5 12.7#



#24  
 1,1-Dichloroethane  
 Concen: 50.441 ug/l  
 RT: 6.385 min Scan# 1639  
 Delta R.T. -0.002 min  
 Lab File: VN070086.D  
 Acq: 14 Dec 2021 21:48



Tgt Ion: 63 Resp: 1138039  
 Ion Ratio Lower Upper  
 63 100  
 98 5.8 3.3 9.9  
 100 3.8 2.1 6.5

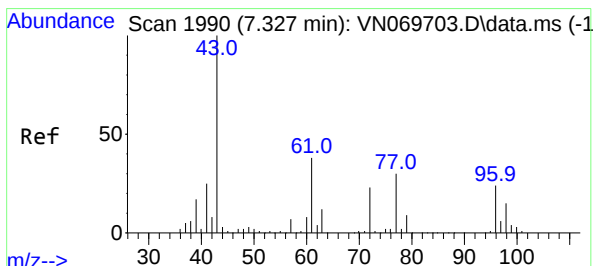
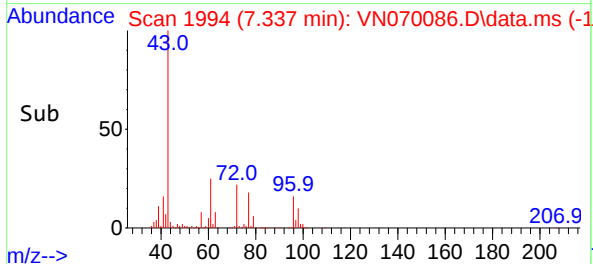
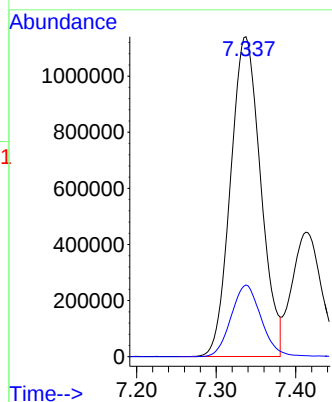
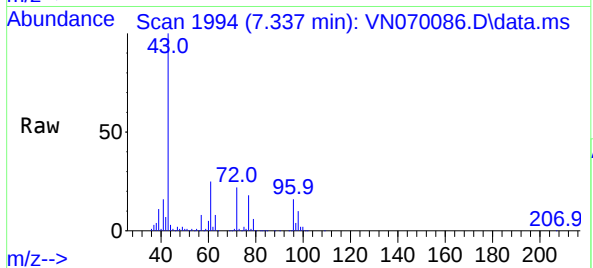




#25  
2-Butanone  
Concen: 229.055 ug/l  
RT: 7.337 min Scan# 1994  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

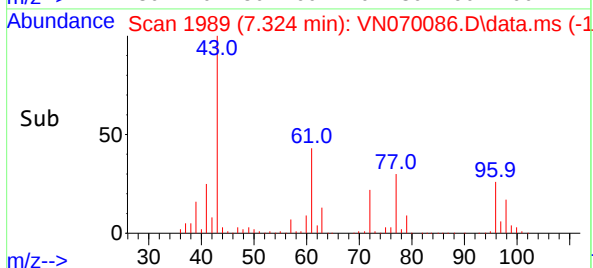
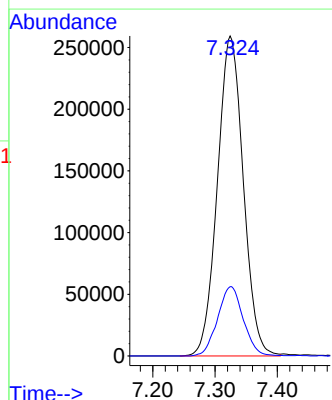
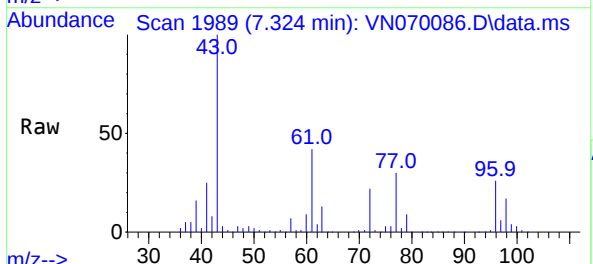
Instrument :  
MSVOA\_N  
ClientSampleId :

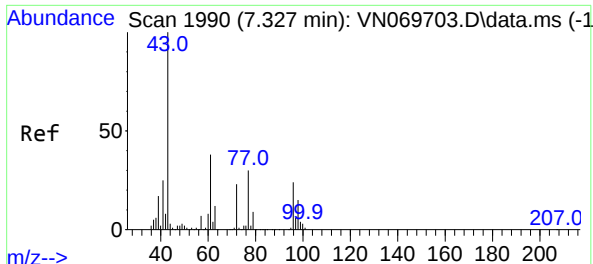
Tgt Ion: 43 Resp: 3000884  
Ion Ratio Lower Upper  
43 100  
72 22.4 21.7 32.5



#26  
2,2-Dichloropropane  
Concen: 42.655 ug/l  
RT: 7.324 min Scan# 1989  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

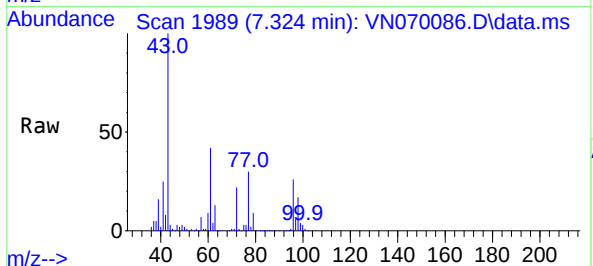
Tgt Ion: 77 Resp: 748256  
Ion Ratio Lower Upper  
77 100  
97 21.5 11.6 34.8



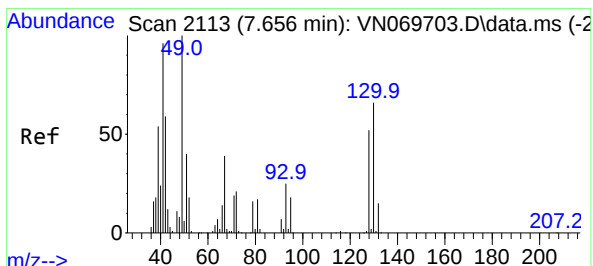
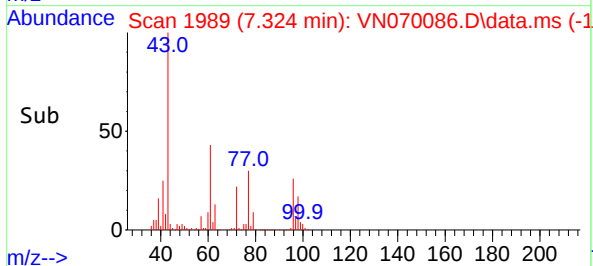
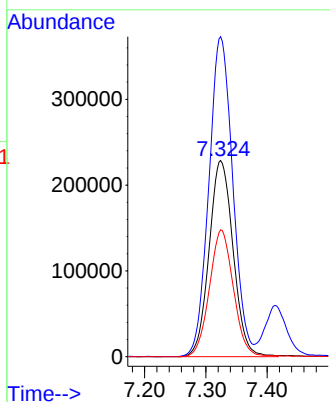


#27  
cis-1,2-Dichloroethene  
Concen: 48.092 ug/l  
RT: 7.324 min Scan# 1990  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Instrument :  
MSVOA\_N  
ClientSampleId :

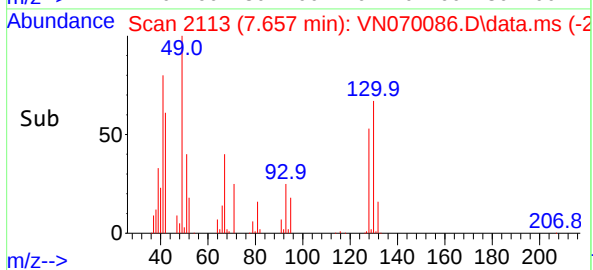
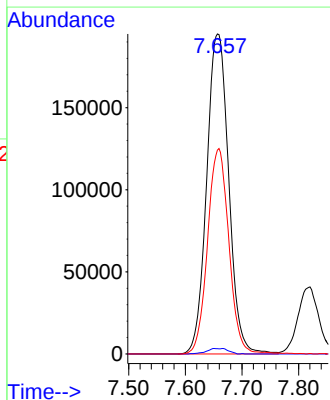
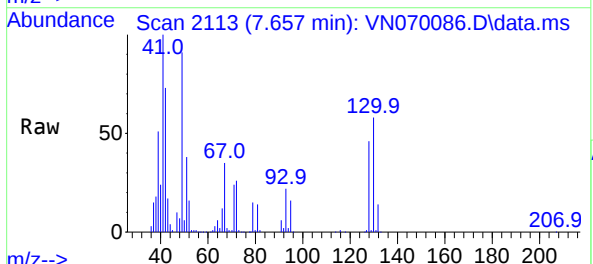


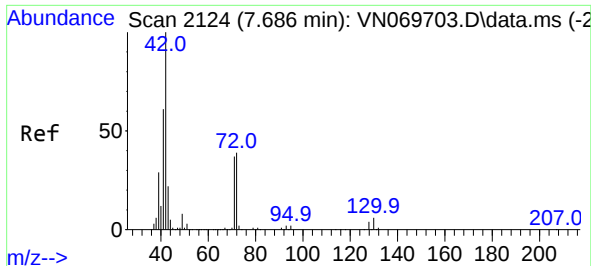
Tgt Ion: 96 Resp: 624088  
Ion Ratio Lower Upper  
96 100  
61 161.7 0.0 275.0  
98 64.2 0.0 129.6



#28  
Bromochloromethane  
Concen: 44.919 ug/l  
RT: 7.657 min Scan# 2113  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Tgt Ion: 49 Resp: 527000  
Ion Ratio Lower Upper  
49 100  
129 1.0 0.0 4.0  
130 62.1 67.8 101.8#





#29

Tetrahydrofuran

Concen: 245.890 ug/l

RT: 7.683 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN070086.D

Acq: 14 Dec 2021 21:48

Instrument :

MSVOA\_N

ClientSampleId :

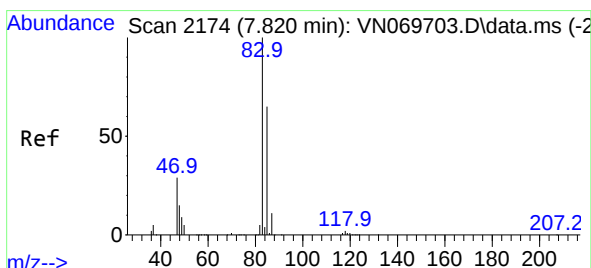
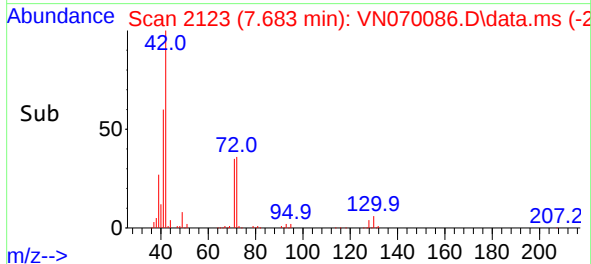
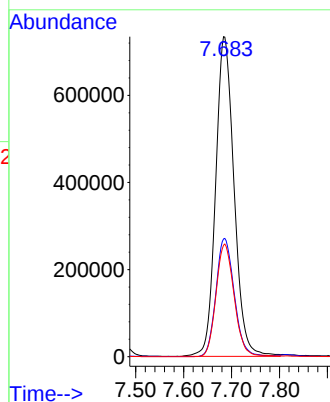
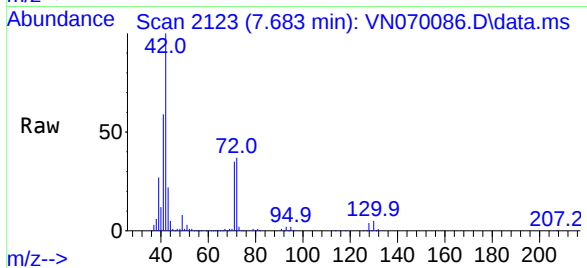
Tgt Ion: 42 Resp: 1956137

Ion Ratio Lower Upper

42 100

72 36.6 36.3 54.5

71 34.9 34.7 52.1



#30

Chloroform

Concen: 49.157 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.002 min

Lab File: VN070086.D

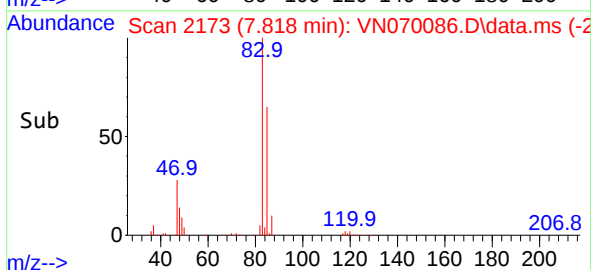
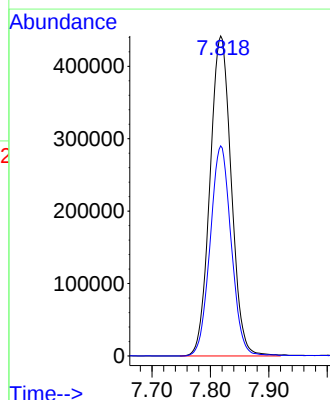
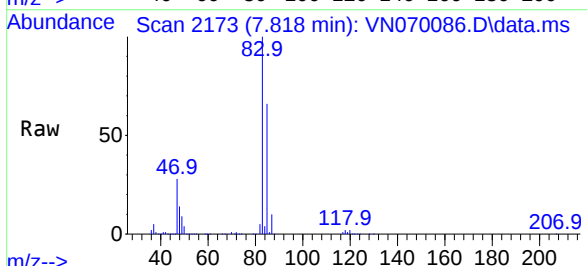
Acq: 14 Dec 2021 21:48

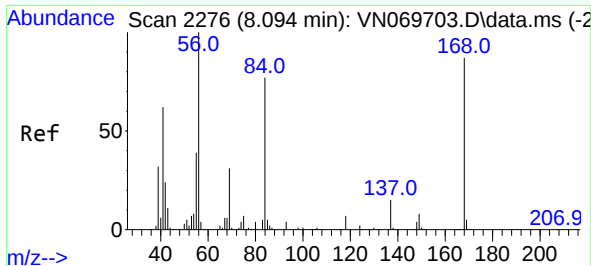
Tgt Ion: 83 Resp: 1120087

Ion Ratio Lower Upper

83 100

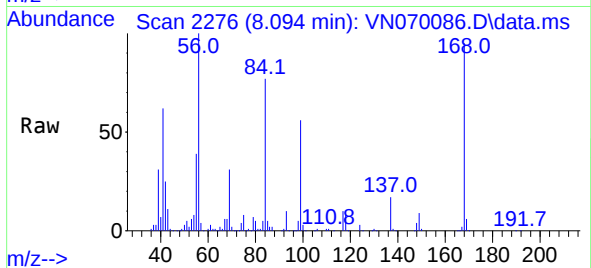
85 65.6 51.9 77.9





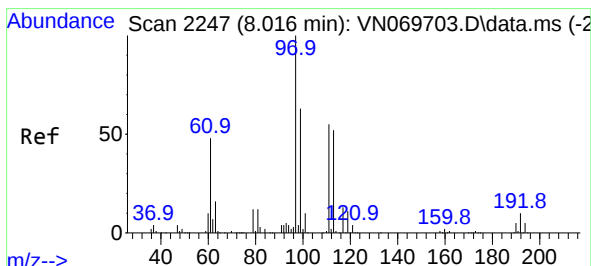
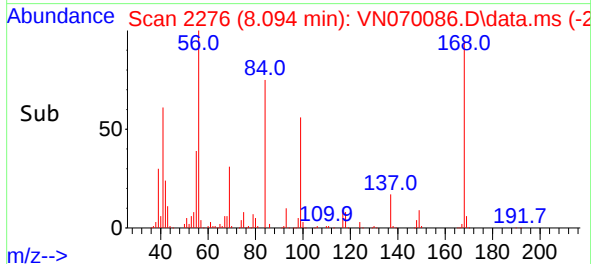
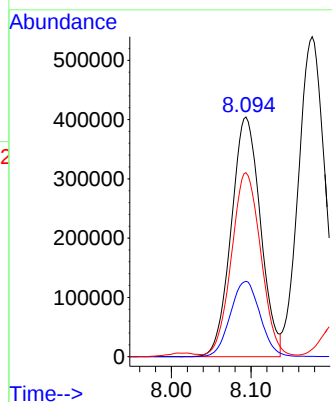
#31  
Cyclohexane  
Concen: 46.400 ug/l  
RT: 8.094 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 56 Resp: 1035054

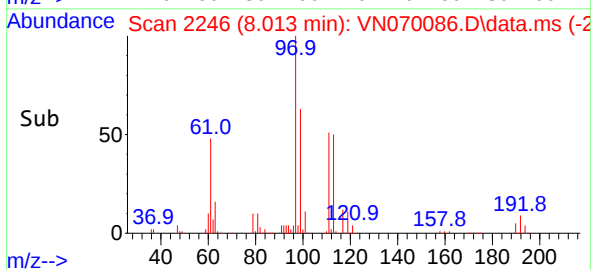
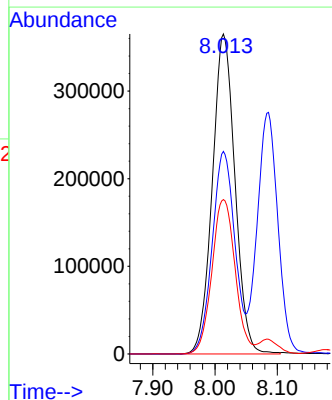
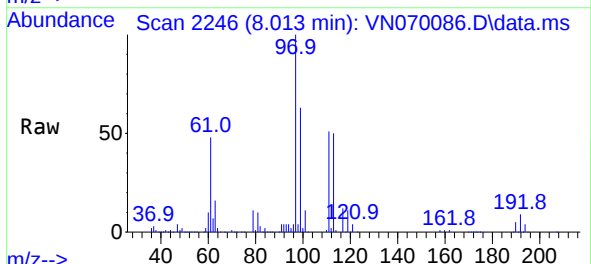
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 31.4  | 27.1  | 40.7  |
| 84  | 75.3  | 73.4  | 110.0 |

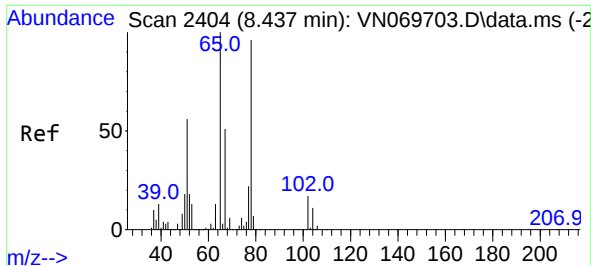


#32  
1,1,1-Trichloroethane  
Concen: 47.520 ug/l  
RT: 8.013 min Scan# 2246  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Tgt Ion: 97 Resp: 922319

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 62.9  | 50.1  | 75.1  |
| 61  | 49.5  | 35.2  | 52.8  |





#33

1,2-Dichloroethane-d4

Concen: 46.000 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070086.D

Acq: 14 Dec 2021 21:48

Instrument :

MSVOA\_N

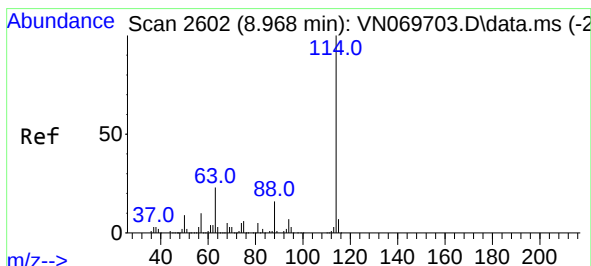
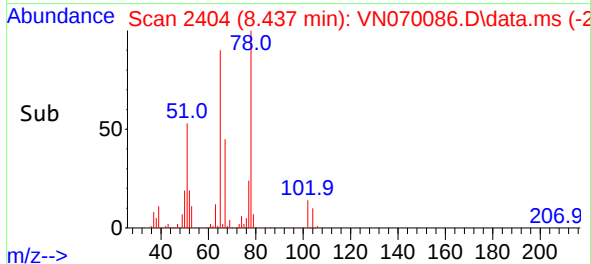
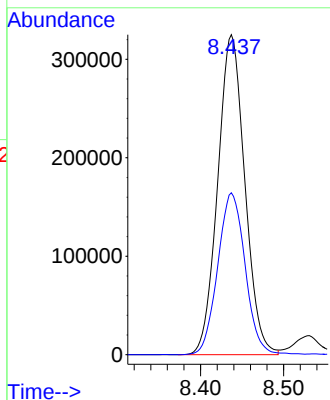
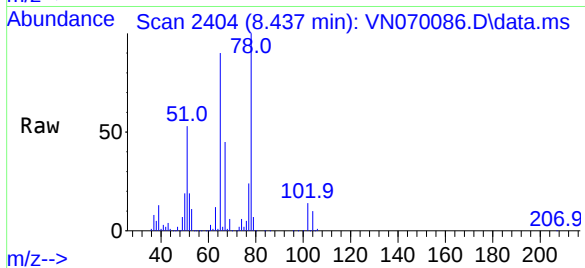
ClientSampleId :

Tgt Ion: 65 Resp: 737344

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070086.D

Acq: 14 Dec 2021 21:48

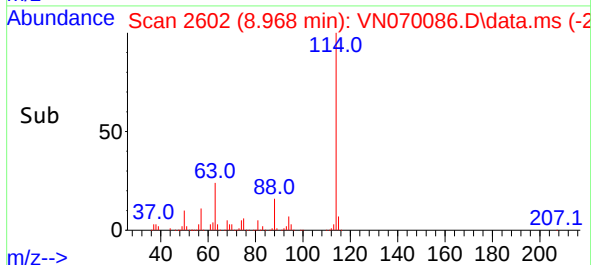
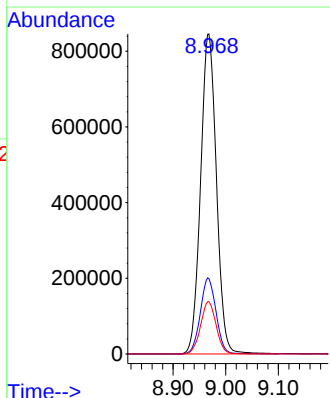
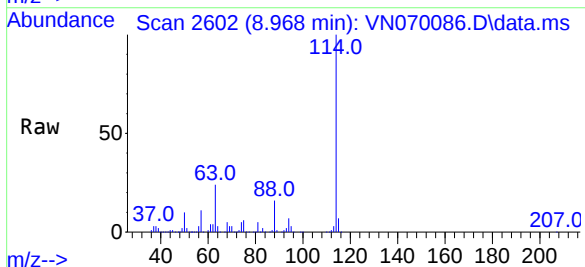
Tgt Ion: 114 Resp: 1766141

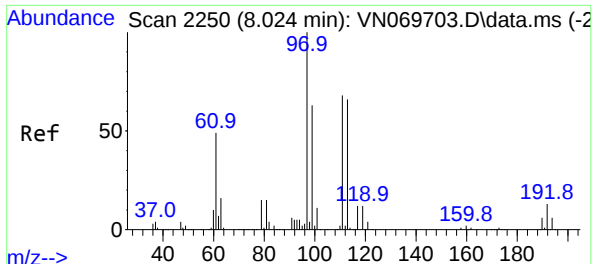
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

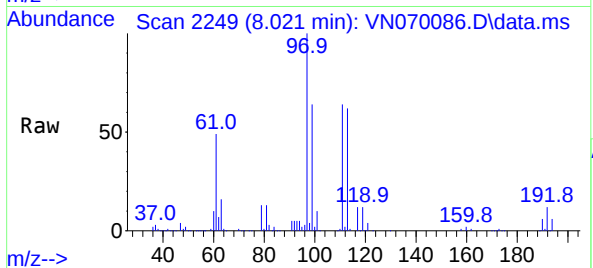
88 16.3 0.0 27.4



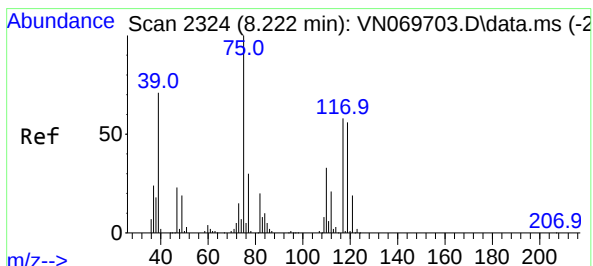
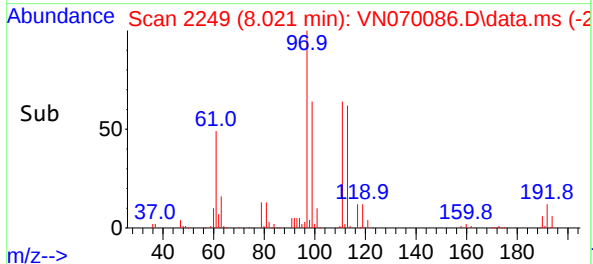
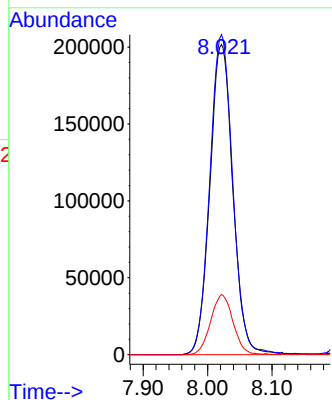


#35  
Dibromofluoromethane  
Concen: 45.087 ug/l  
RT: 8.021 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Instrument :  
MSVOA\_N  
ClientSampleId :

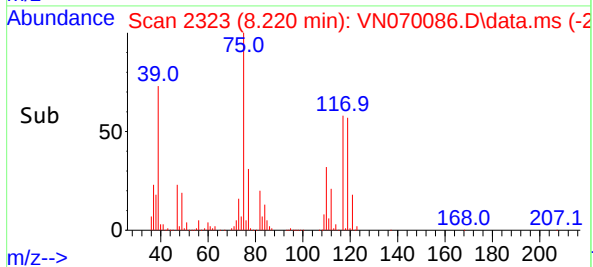
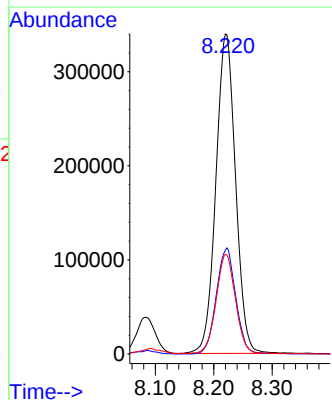
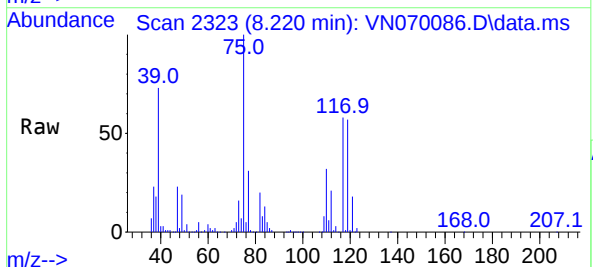


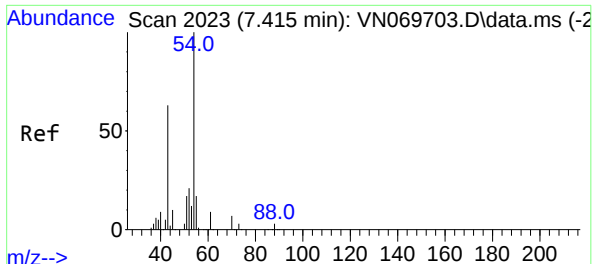
Tgt Ion:113 Resp: 498788  
Ion Ratio Lower Upper  
113 100  
111 103.4 82.2 123.2  
192 18.9 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 47.272 ug/l  
RT: 8.220 min Scan# 2323  
Delta R.T. -0.003 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Tgt Ion: 75 Resp: 794789  
Ion Ratio Lower Upper  
75 100  
110 32.9 18.4 55.2  
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 45.949 ug/l

RT: 7.413 min Scan# 2023

Delta R.T. -0.002 min

Lab File: VN070086.D

Acq: 14 Dec 2021 21:48

Instrument :

MSVOA\_N

ClientSampleId :

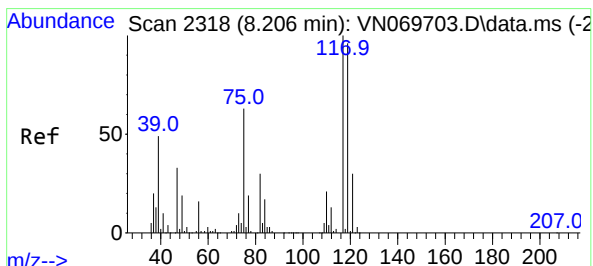
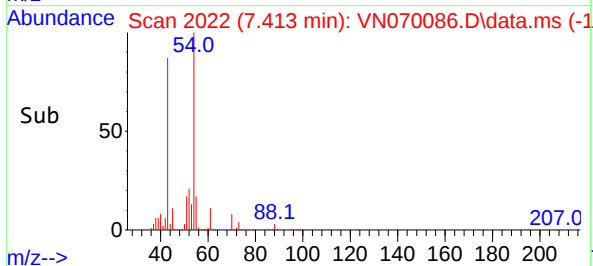
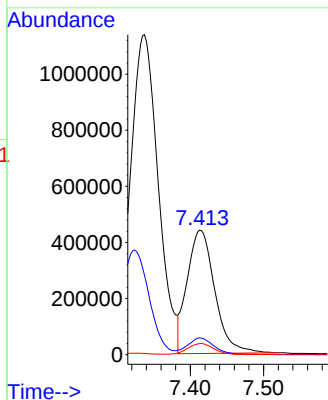
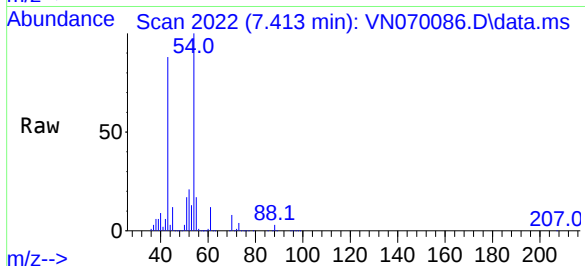
Tgt Ion: 43 Resp: 1149848

Ion Ratio Lower Upper

43 100

61 12.4 11.5 17.3

70 8.5 7.9 11.9



#38

Carbon Tetrachloride

Concen: 43.740 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN070086.D

Acq: 14 Dec 2021 21:48

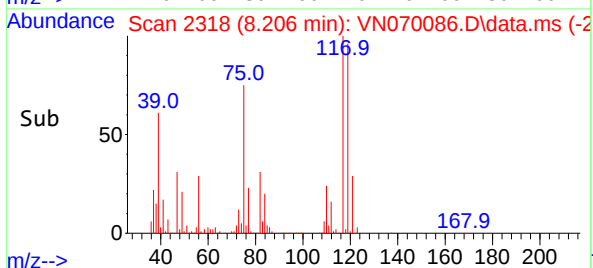
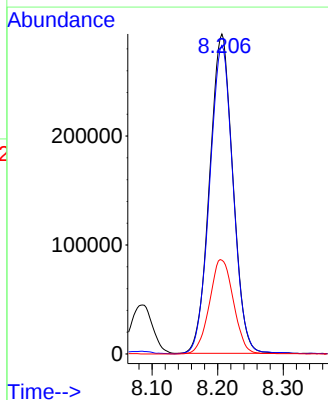
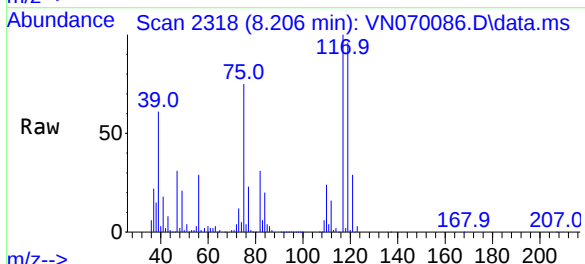
Tgt Ion: 117 Resp: 721150

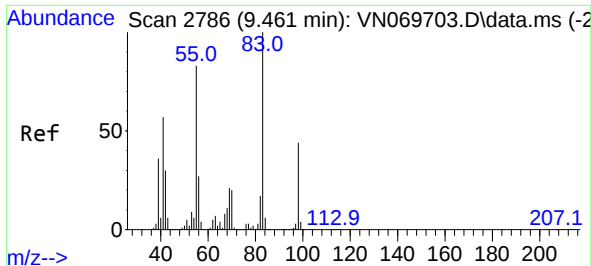
Ion Ratio Lower Upper

117 100

119 96.5 76.1 114.1

121 29.4 24.2 36.2





#39

Methylcyclohexane

Concen: 46.704 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN070086.D

Acq: 14 Dec 2021 21:48

Instrument :

MSVOA\_N

ClientSampleId :

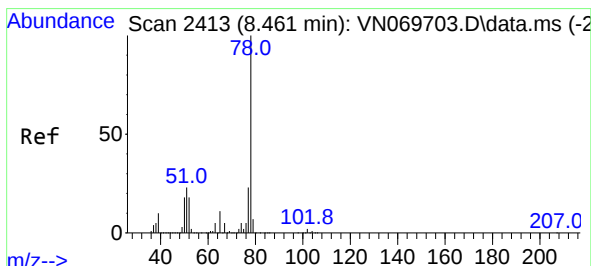
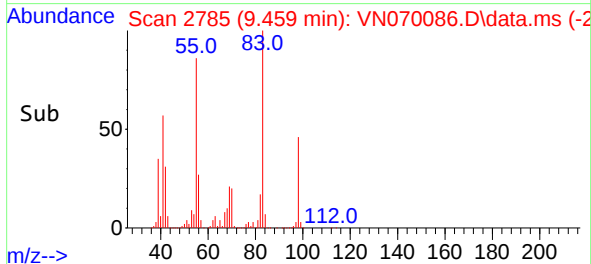
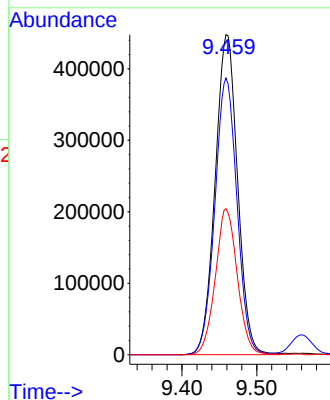
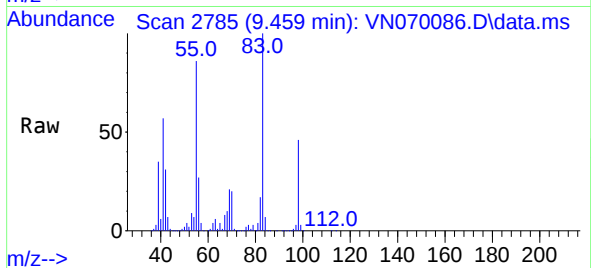
Tgt Ion: 83 Resp: 934023

Ion Ratio Lower Upper

83 100

55 86.5 58.1 87.1

98 45.7 38.4 57.6



#40

Benzene

Concen: 47.664 ug/l

RT: 8.459 min Scan# 2412

Delta R.T. -0.002 min

Lab File: VN070086.D

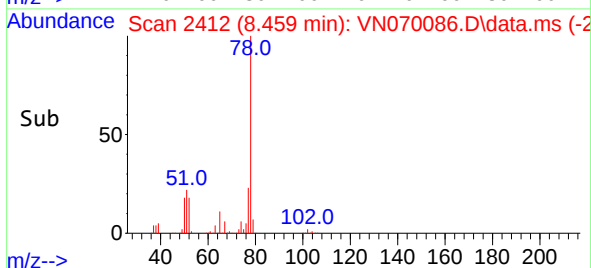
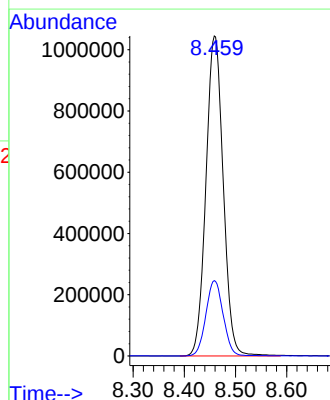
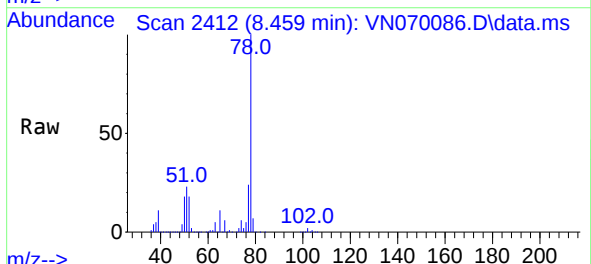
Acq: 14 Dec 2021 21:48

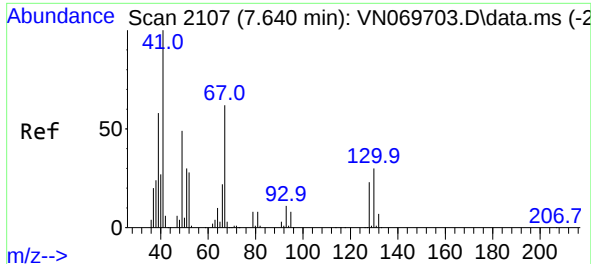
Tgt Ion: 78 Resp: 2449533

Ion Ratio Lower Upper

78 100

77 23.5 18.6 27.8





#41

Methacrylonitrile

Concen: 50.447 ug/l

RT: 7.638 min Scan# 2106

Delta R.T. -0.002 min

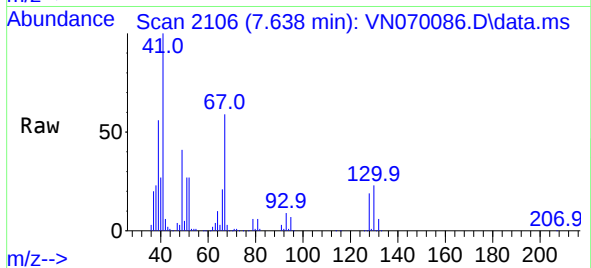
Lab File: VN070086.D

Acq: 14 Dec 2021 21:48

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 41 Resp: 592607

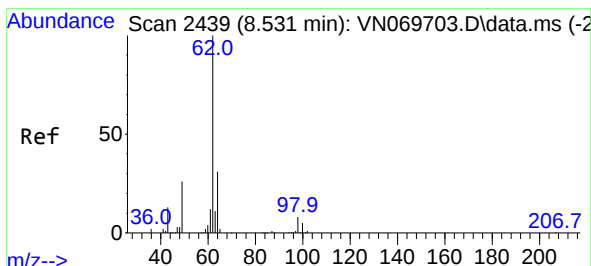
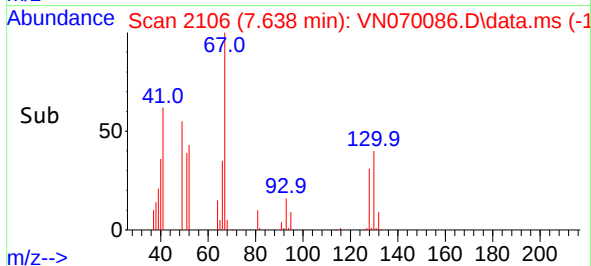
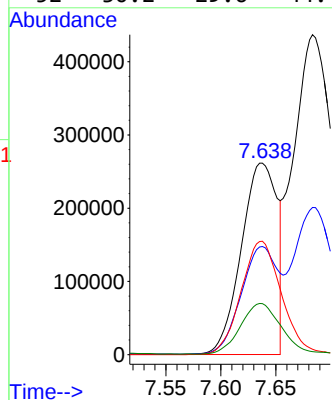
Ion Ratio Lower Upper

41 100

39 58.8 48.1 72.1

67 67.4 68.3 102.5#

52 30.2 29.6 44.4



#42

1,2-Dichloroethane

Concen: 47.688 ug/l

RT: 8.528 min Scan# 2438

Delta R.T. -0.002 min

Lab File: VN070086.D

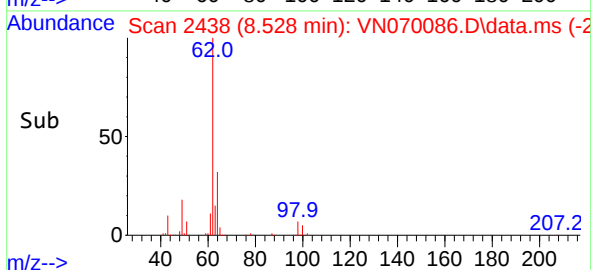
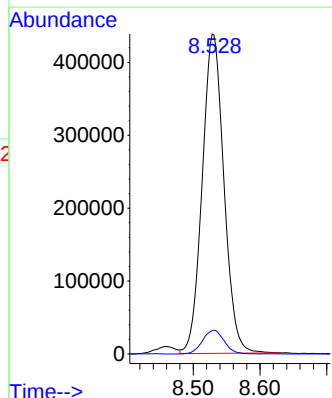
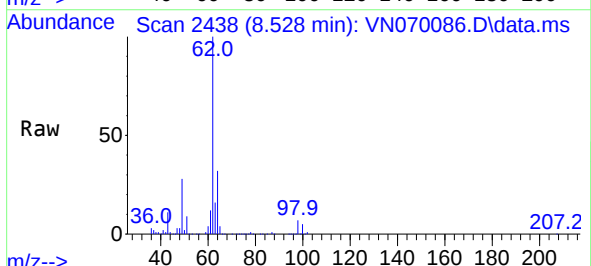
Acq: 14 Dec 2021 21:48

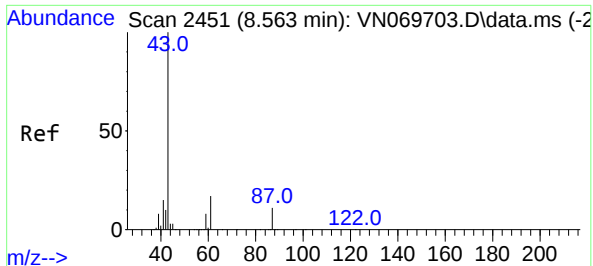
Tgt Ion: 62 Resp: 989313

Ion Ratio Lower Upper

62 100

98 7.4 0.0 17.6

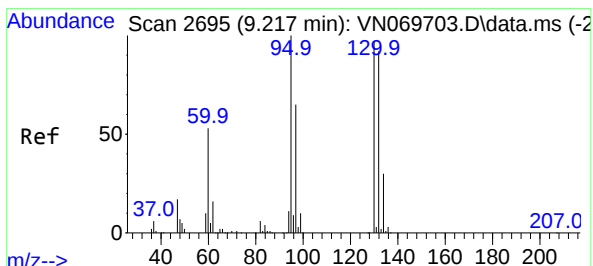
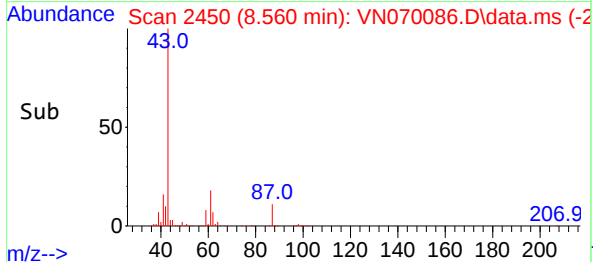
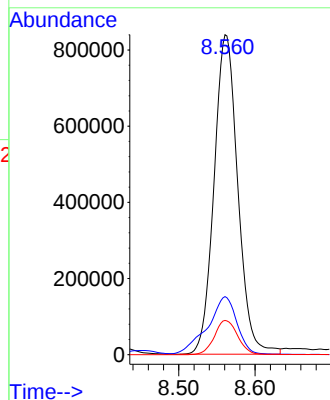
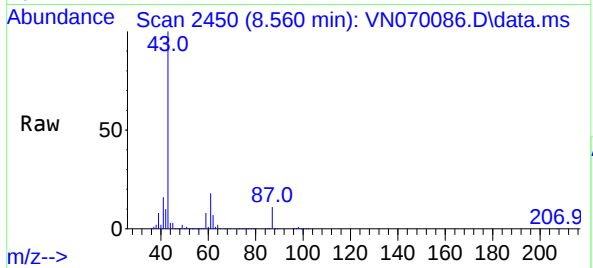




#43  
Isopropyl Acetate  
Concen: 49.116 ug/l  
RT: 8.560 min Scan# 2451  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

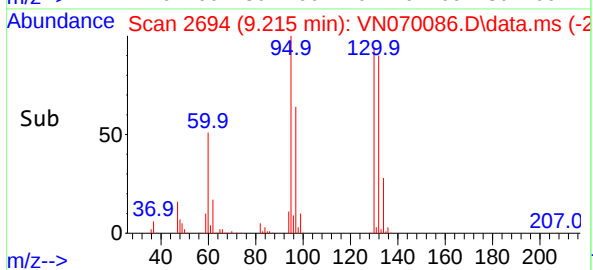
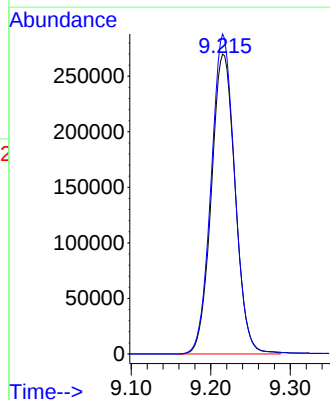
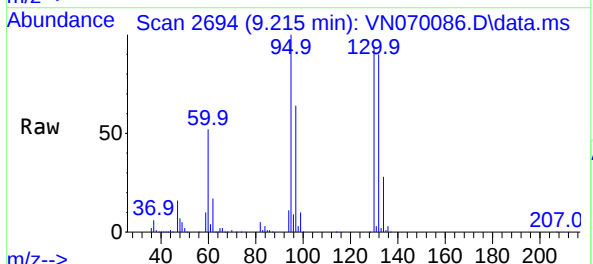
Instrument :  
MSVOA\_N  
ClientSampleId :

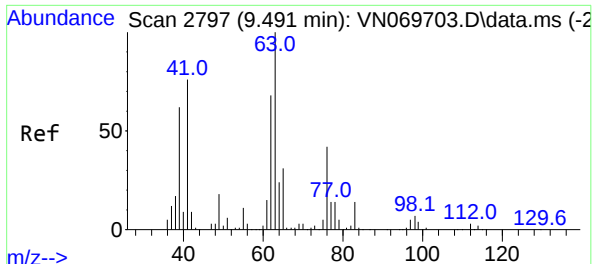
Tgt Ion: 43 Resp: 1818848  
Ion Ratio Lower Upper  
43 100  
61 22.2 20.4 30.6  
87 10.6 11.2 16.8#



#44  
Trichloroethene  
Concen: 45.772 ug/l  
RT: 9.215 min Scan# 2694  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Tgt Ion:130 Resp: 561438  
Ion Ratio Lower Upper  
130 100  
95 106.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 49.417 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN070086.D

Acq: 14 Dec 2021 21:48

Instrument :

MSVOA\_N

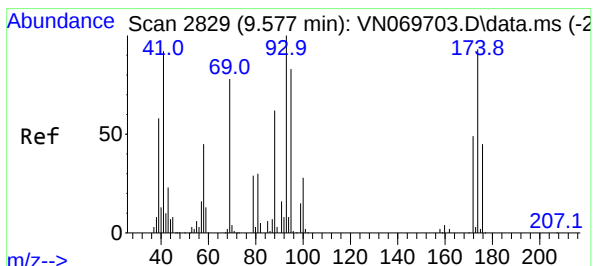
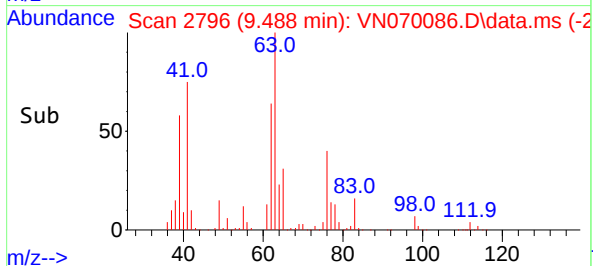
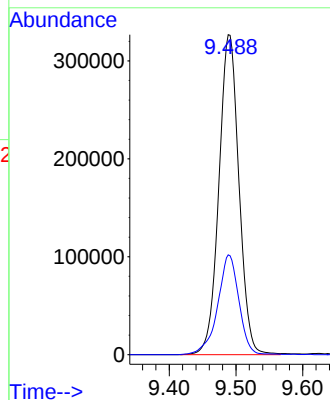
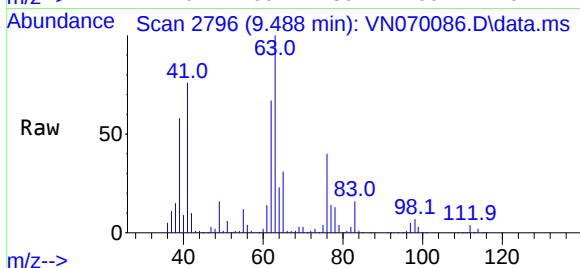
ClientSampleId :

Tgt Ion: 63 Resp: 681975

Ion Ratio Lower Upper

63 100

65 31.2 24.7 37.1



#46

Dibromomethane

Concen: 46.682 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070086.D

Acq: 14 Dec 2021 21:48

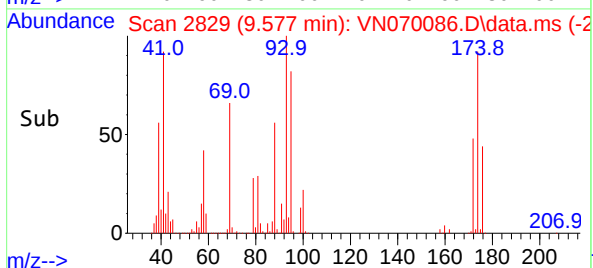
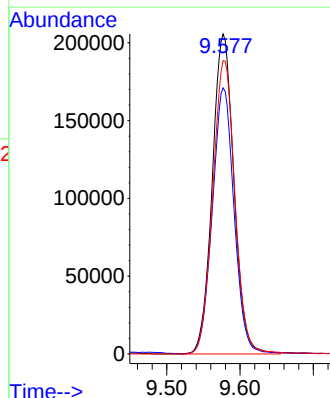
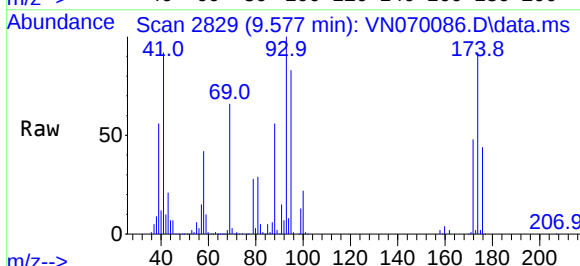
Tgt Ion: 93 Resp: 422509

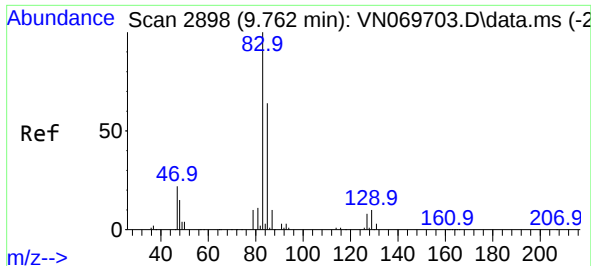
Ion Ratio Lower Upper

93 100

95 83.3 65.9 98.9

174 93.9 84.6 127.0

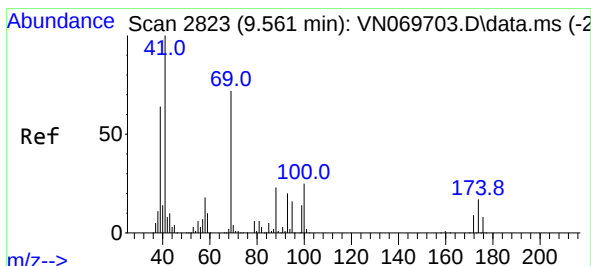
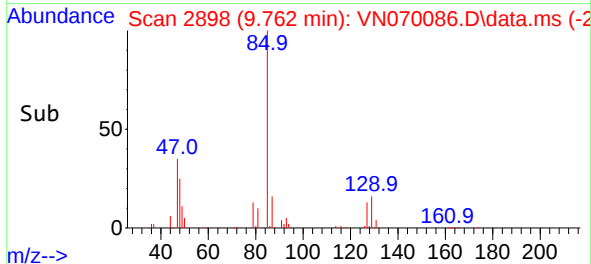
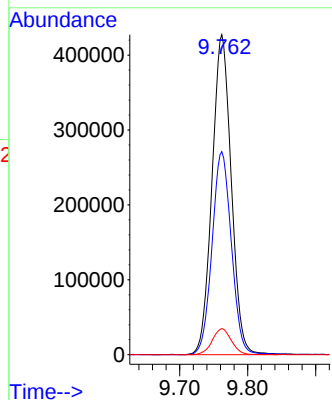
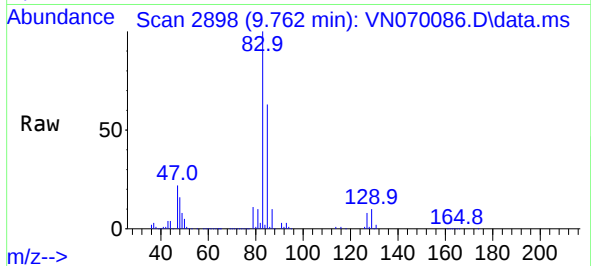




#47  
Bromodichloromethane  
Concen: 49.023 ug/l  
RT: 9.762 min Scan# 2898  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

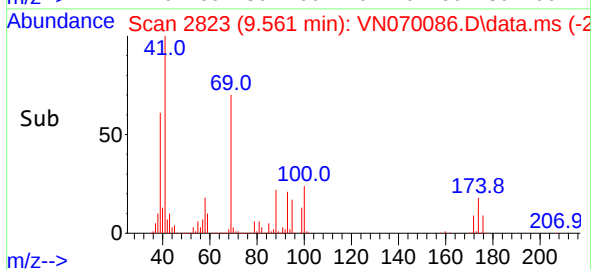
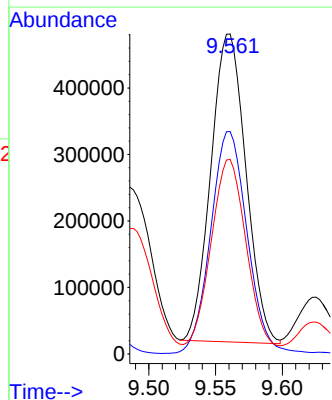
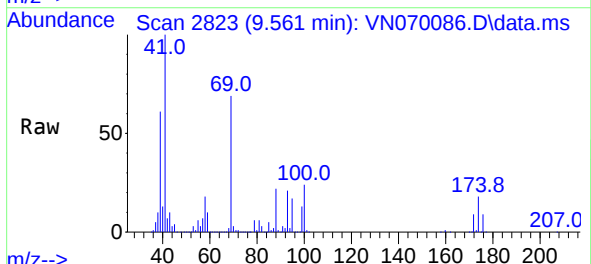
Instrument :  
MSVOA\_N  
ClientSampleId :

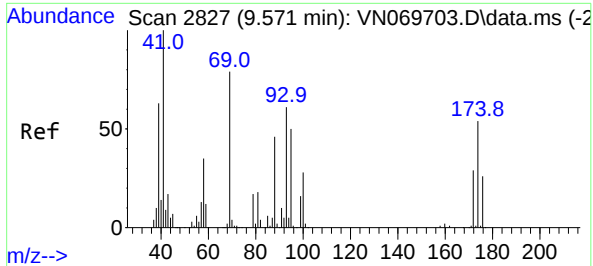
Tgt Ion: 83 Resp: 840067  
Ion Ratio Lower Upper  
83 100  
85 63.5 50.9 76.3  
127 8.2 7.1 10.7



#48  
Methyl methacrylate  
Concen: 48.933 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. -0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

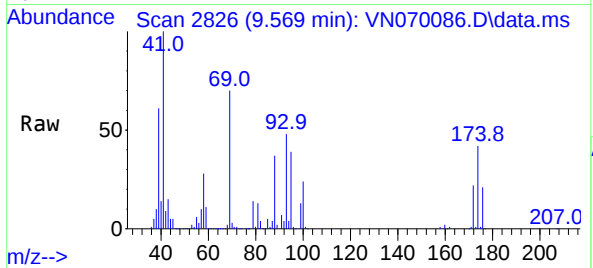
Tgt Ion: 41 Resp: 845650  
Ion Ratio Lower Upper  
41 100  
69 75.1 72.4 108.6  
39 64.9 58.4 87.6



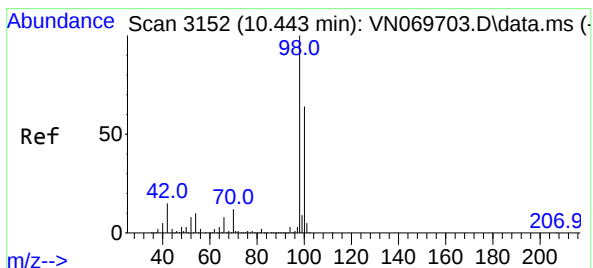
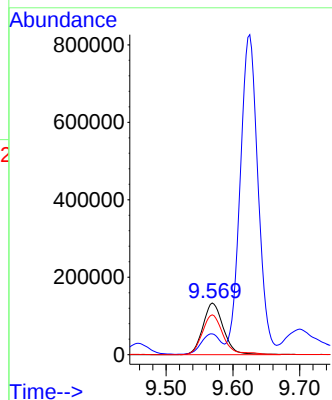
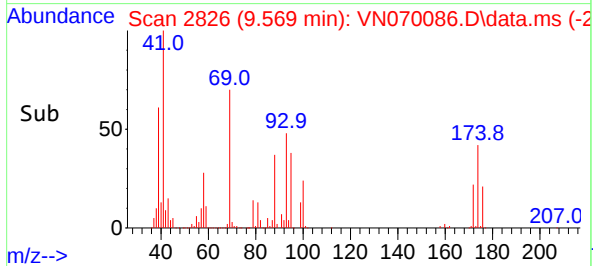


#49  
1,4-Dioxane  
Concen: 918.928 ug/l  
RT: 9.569 min Scan# 2826  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Instrument :  
MSVOA\_N  
ClientSampleId :

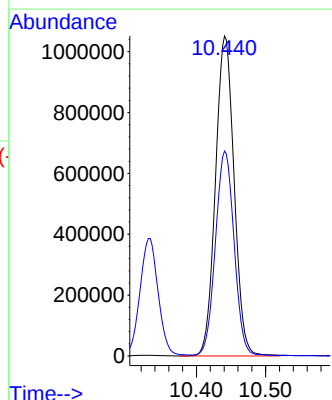
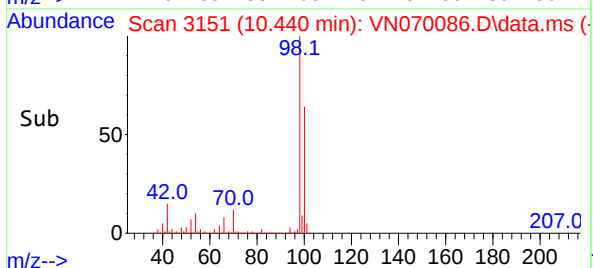
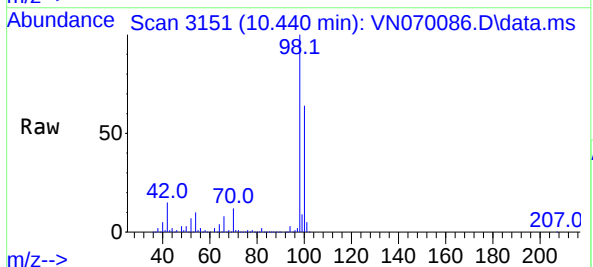


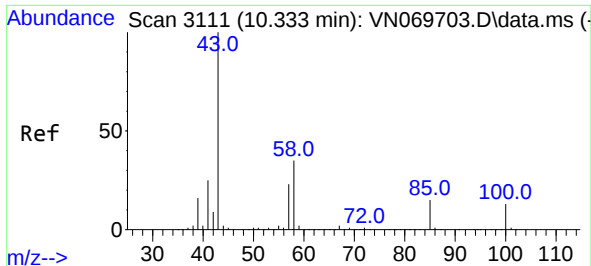
Tgt Ion: 88 Resp: 284949  
Ion Ratio Lower Upper  
88 100  
43 37.0 23.4 35.2#  
58 79.6 50.6 75.8#



#50  
Toluene-d8  
Concen: 44.293 ug/l  
RT: 10.440 min Scan# 3151  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Tgt Ion: 98 Resp: 1967535  
Ion Ratio Lower Upper  
98 100  
100 64.1 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 253.409 ug/l

RT: 10.331 min Scan# 3111

Delta R.T. -0.002 min

Lab File: VN070086.D

Acq: 14 Dec 2021 21:48

Instrument :

MSVOA\_N

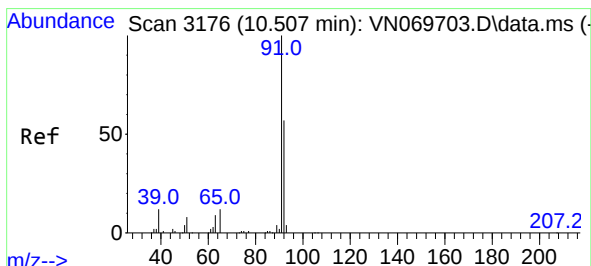
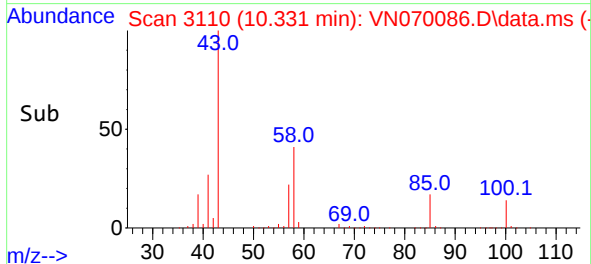
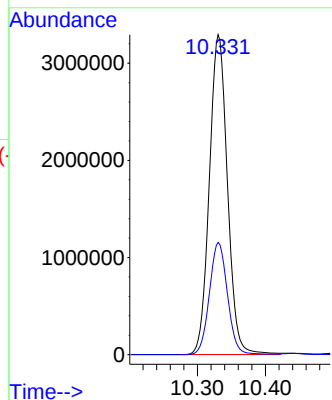
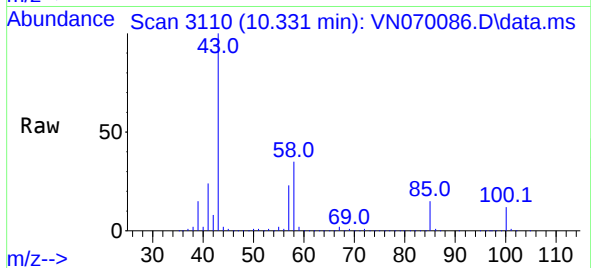
ClientSampleId :

Tgt Ion: 43 Resp: 6087774

Ion Ratio Lower Upper

43 100

58 35.1 30.4 45.6



#52

Toluene

Concen: 48.269 ug/l

RT: 10.505 min Scan# 3175

Delta R.T. -0.002 min

Lab File: VN070086.D

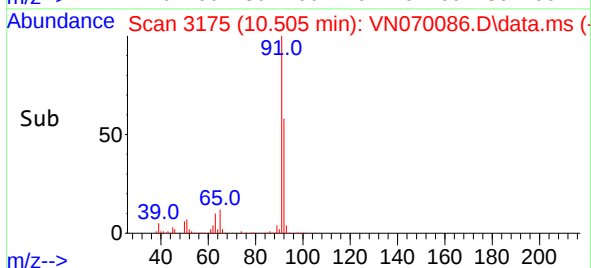
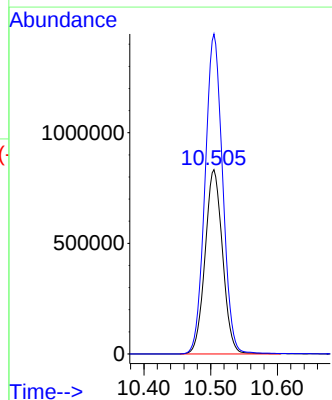
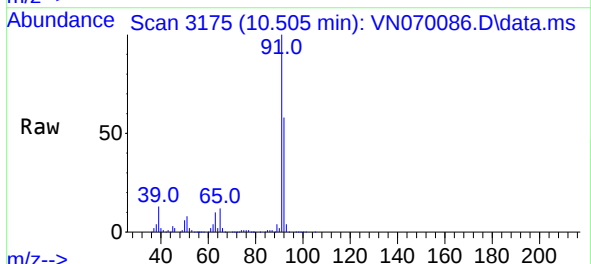
Acq: 14 Dec 2021 21:48

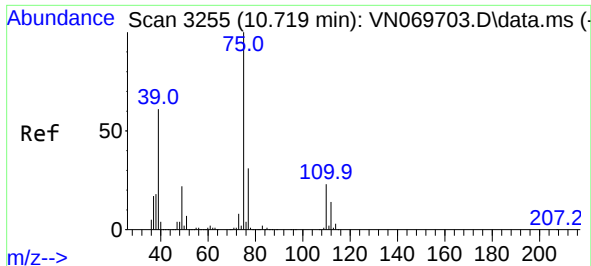
Tgt Ion: 92 Resp: 1514438

Ion Ratio Lower Upper

92 100

91 174.9 142.0 213.0

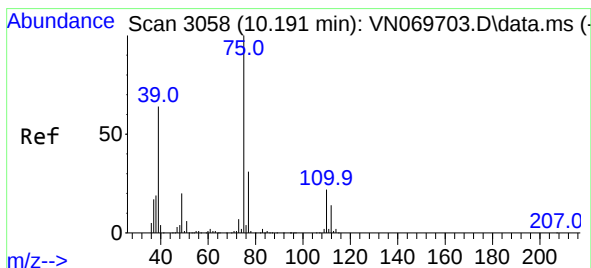
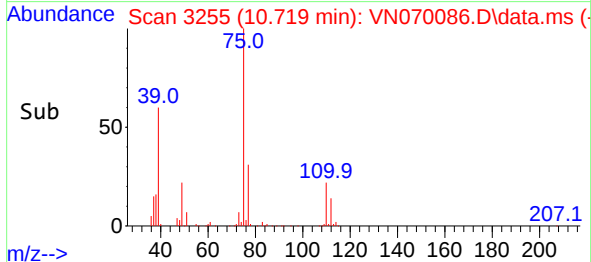
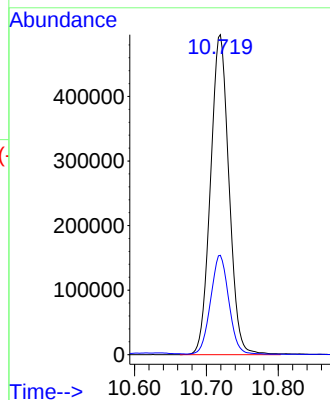
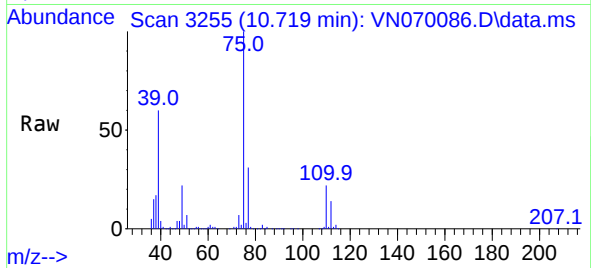




#53  
t-1,3-Dichloropropene  
Concen: 43.337 ug/l  
RT: 10.719 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

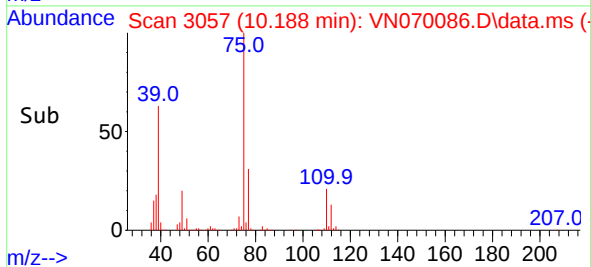
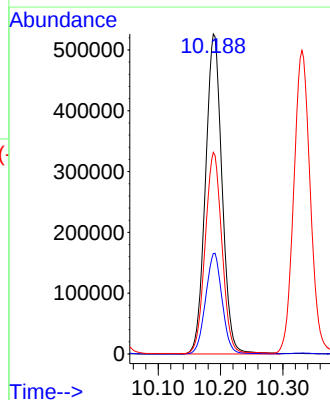
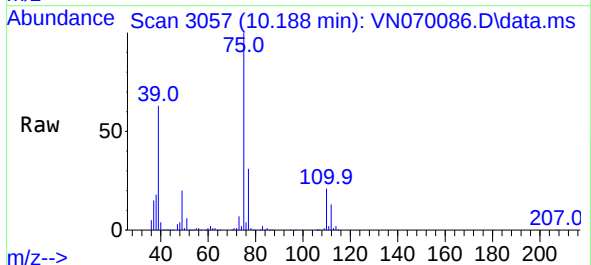
Instrument :  
MSVOA\_N  
ClientSampleId :

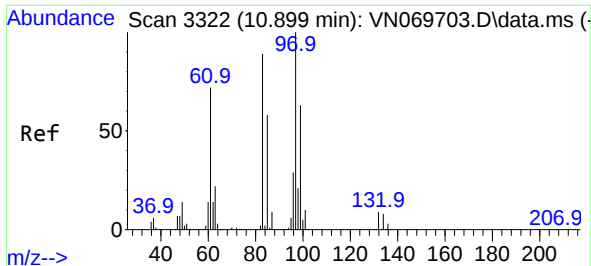
Tgt Ion: 75 Resp: 885200  
Ion Ratio Lower Upper  
75 100  
77 30.9 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 45.255 ug/l  
RT: 10.188 min Scan# 3057  
Delta R.T. -0.003 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

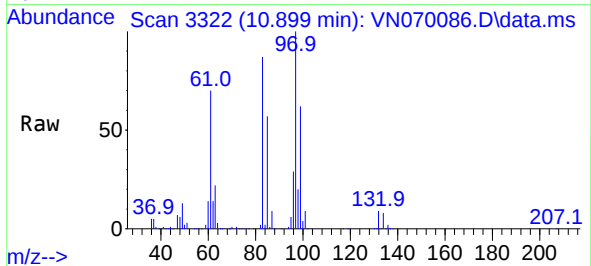
Tgt Ion: 75 Resp: 974764  
Ion Ratio Lower Upper  
75 100  
77 31.4 26.4 39.6  
39 62.8 42.5 63.7





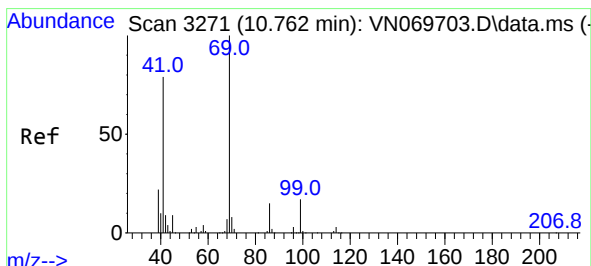
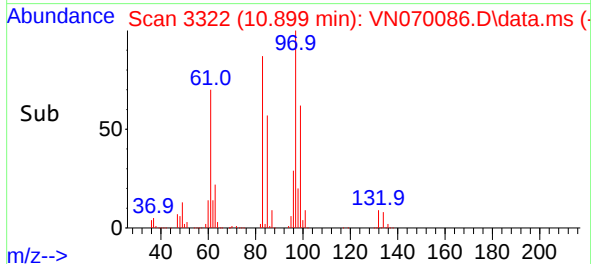
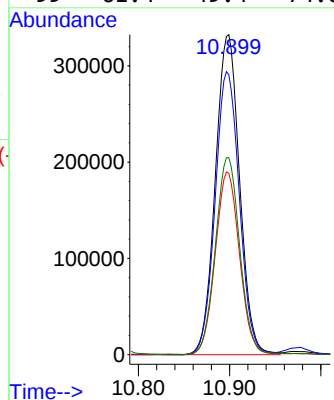
#55  
1,1,2-Trichloroethane  
Concen: 48.611 ug/l  
RT: 10.899 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 97 Resp: 615379

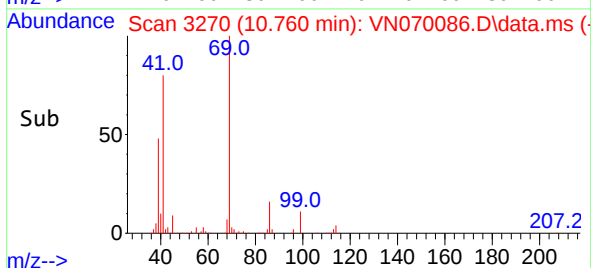
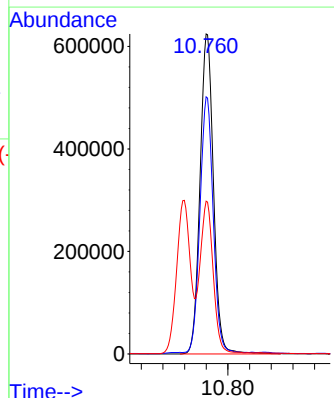
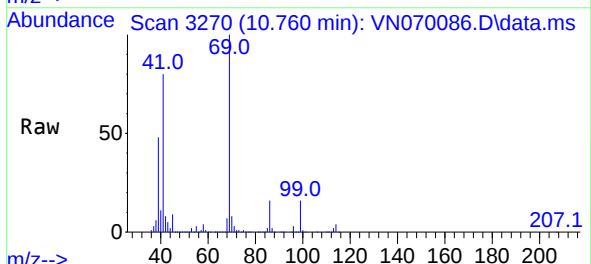
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.4  | 67.8  | 101.6 |
| 85  | 56.7  | 45.4  | 68.2  |
| 99  | 61.4  | 49.4  | 74.0  |

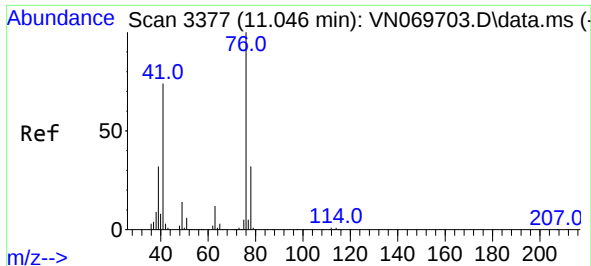


#56  
Ethyl methacrylate  
Concen: 45.172 ug/l  
RT: 10.760 min Scan# 3270  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Tgt Ion: 69 Resp: 1073461

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 78.5  | 51.4  | 77.0# |
| 39  | 44.9  | 34.6  | 52.0  |





#57

1,3-Dichloropropane

Concen: 48.887 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.002 min

Lab File: VN070086.D

Acq: 14 Dec 2021 21:48

Instrument :

MSVOA\_N

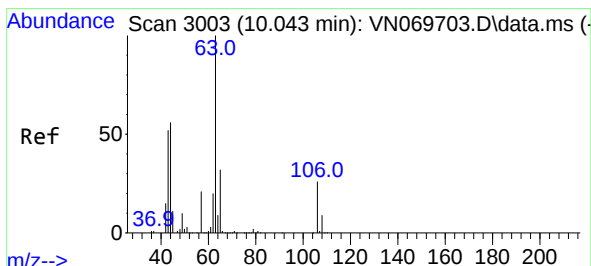
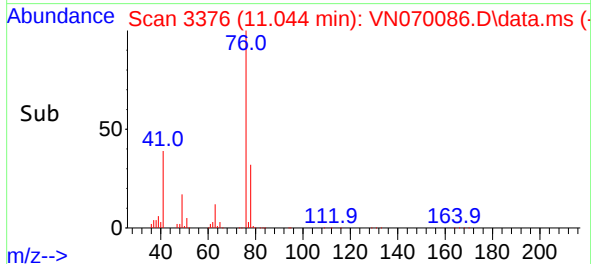
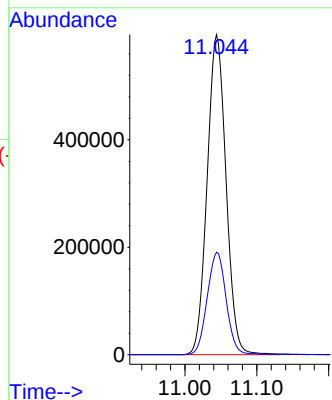
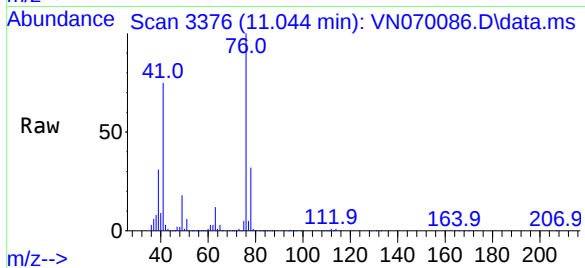
ClientSampleId :

Tgt Ion: 76 Resp: 1089707

Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 217.539 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070086.D

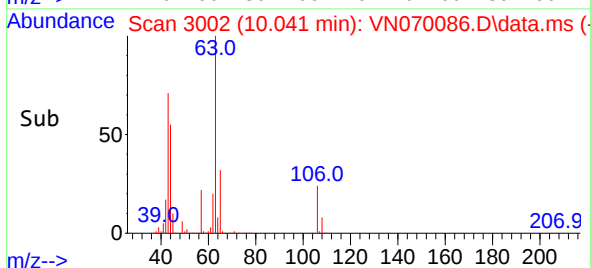
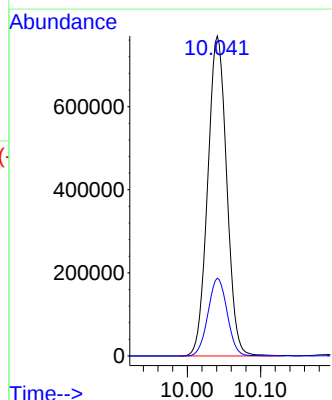
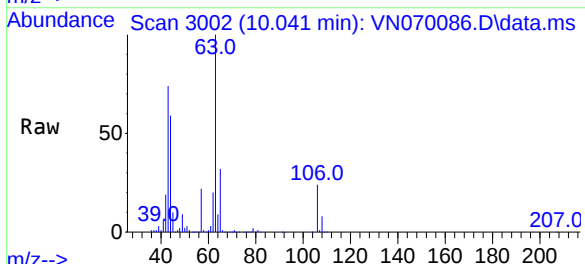
Acq: 14 Dec 2021 21:48

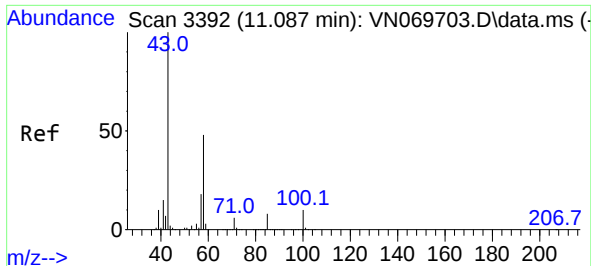
Tgt Ion: 63 Resp: 1386574

Ion Ratio Lower Upper

63 100

106 24.6 23.9 35.9

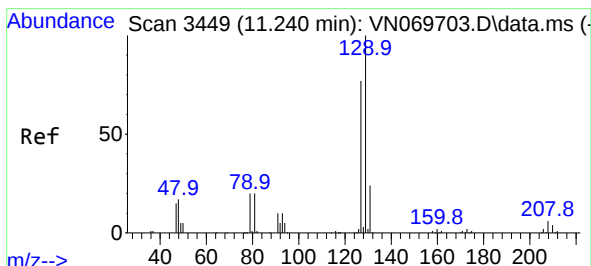
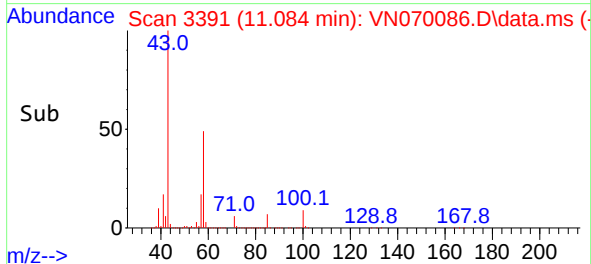
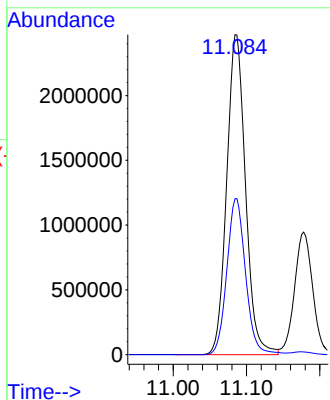
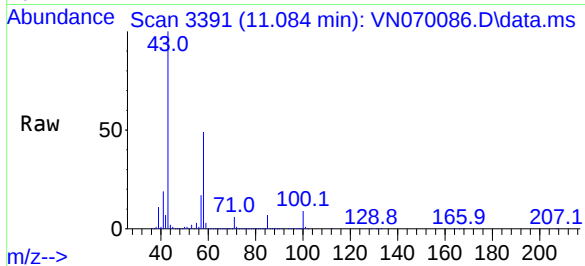




#59  
2-Hexanone  
Concen: 242.097 ug/l  
RT: 11.084 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

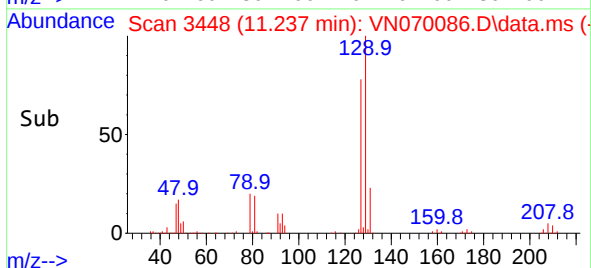
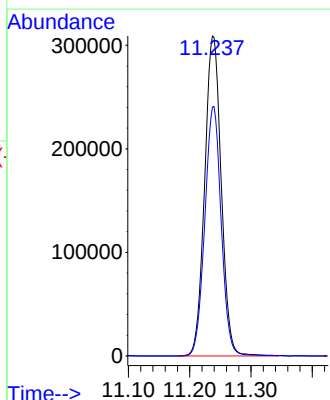
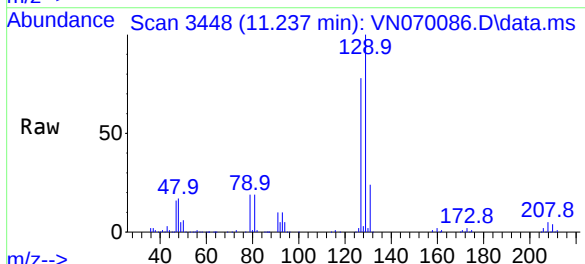
Instrument :  
MSVOA\_N  
ClientSampleId :

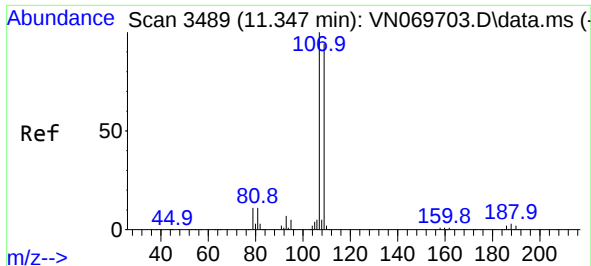
Tgt Ion: 43 Resp: 4399632  
Ion Ratio Lower Upper  
43 100  
58 48.6 26.9 80.7



#60  
Dibromochloromethane  
Concen: 43.159 ug/l  
RT: 11.237 min Scan# 3448  
Delta R.T. -0.003 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Tgt Ion:129 Resp: 580771  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.6 116.0

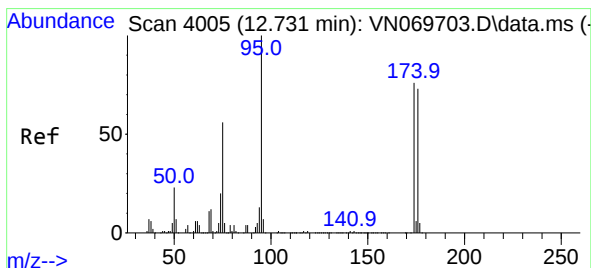
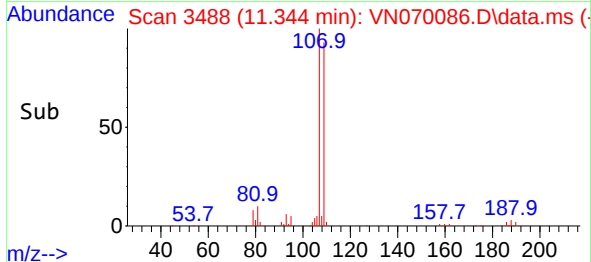
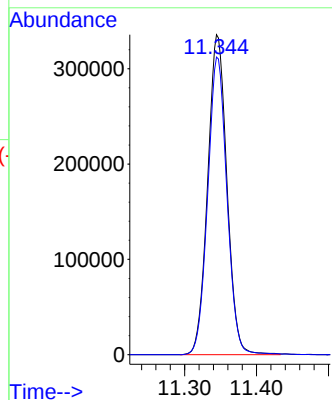
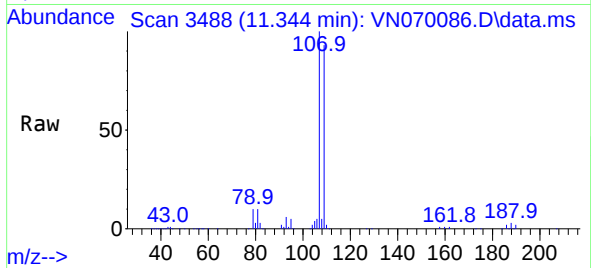




#61  
1,2-Dibromoethane  
Concen: 47.603 ug/l  
RT: 11.344 min Scan# 3488  
Delta R.T. -0.003 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

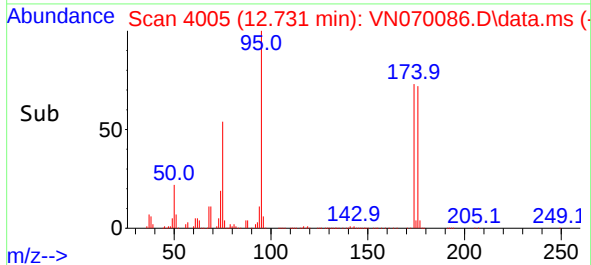
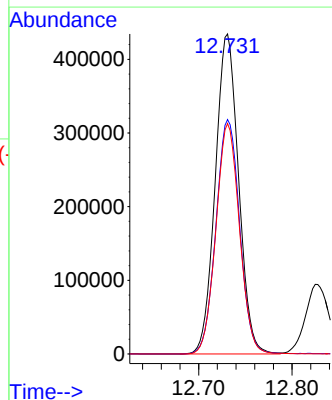
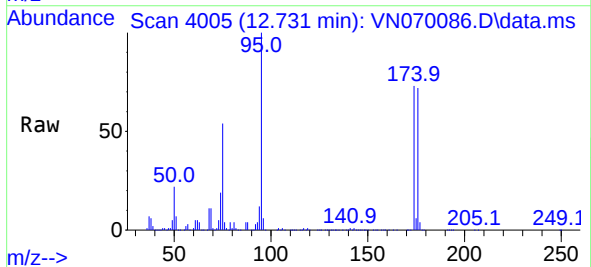
Instrument :  
MSVOA\_N  
ClientSampleId :

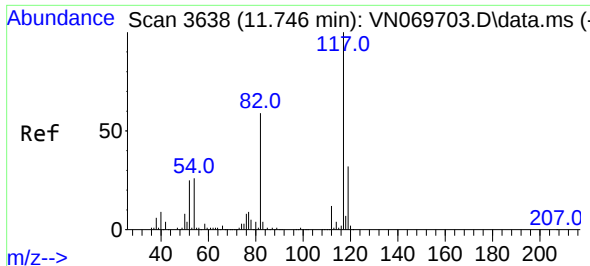
Tgt Ion:107 Resp: 624164  
Ion Ratio Lower Upper  
107 100  
109 93.2 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 46.782 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

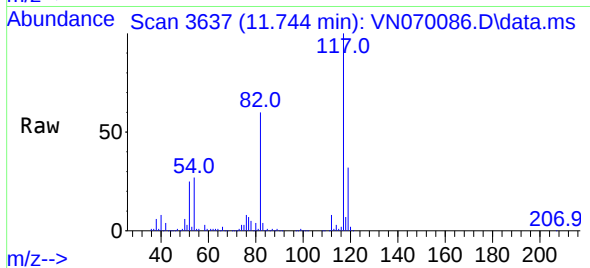
Tgt Ion: 95 Resp: 752843  
Ion Ratio Lower Upper  
95 100  
174 74.6 0.0 187.2  
176 72.7 0.0 181.4



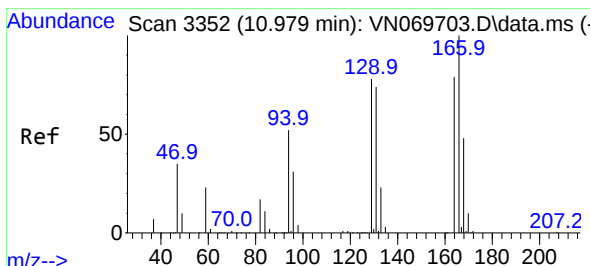
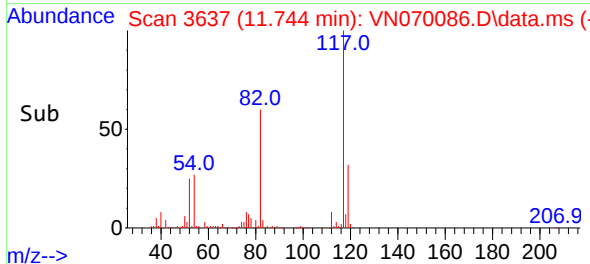
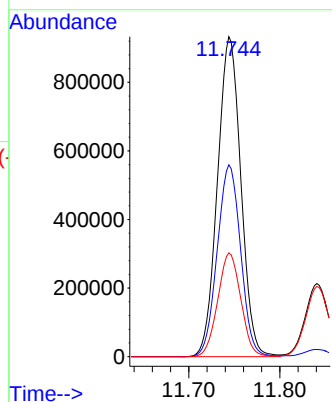


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.744 min Scan# 3638  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Instrument :  
MSVOA\_N  
ClientSampleId :

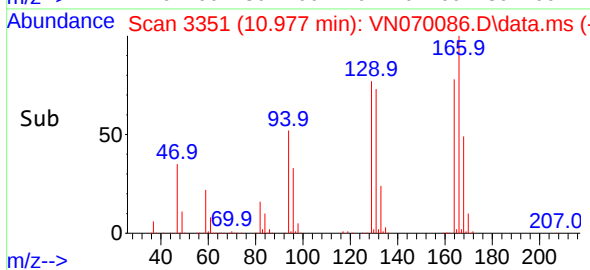
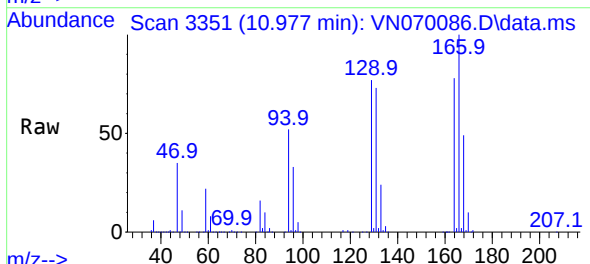
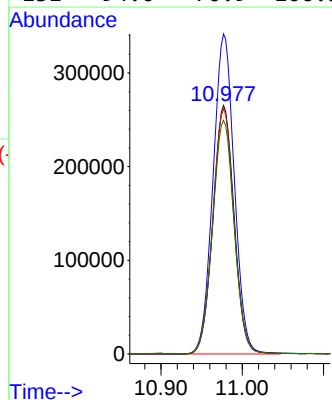


Tgt Ion:117 Resp: 1665376  
Ion Ratio Lower Upper  
117 100  
82 60.0 42.4 63.6  
119 32.5 25.4 38.2



#64  
Tetrachloroethene  
Concen: 42.660 ug/l  
RT: 10.977 min Scan# 3351  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

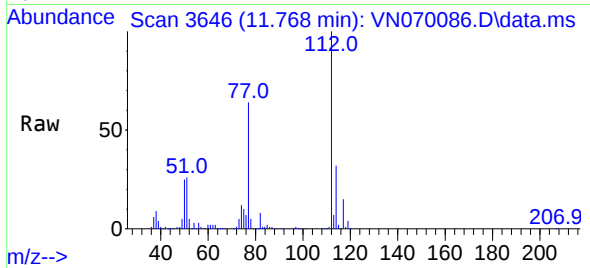
Tgt Ion:164 Resp: 481729  
Ion Ratio Lower Upper  
164 100  
166 128.7 101.9 152.9  
129 98.5 72.0 108.0  
131 94.0 70.9 106.3



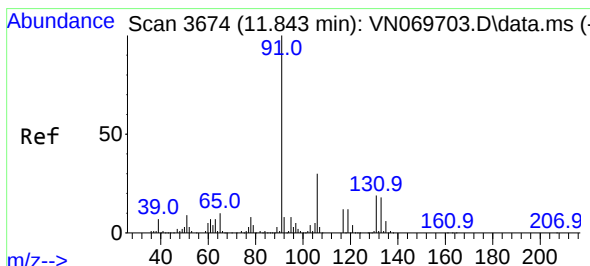
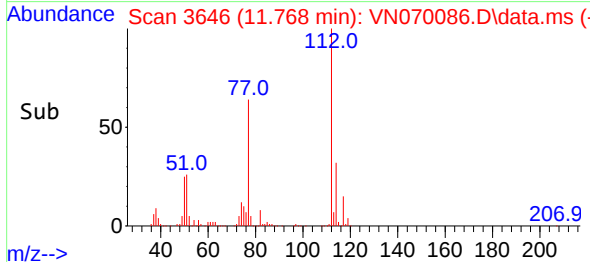
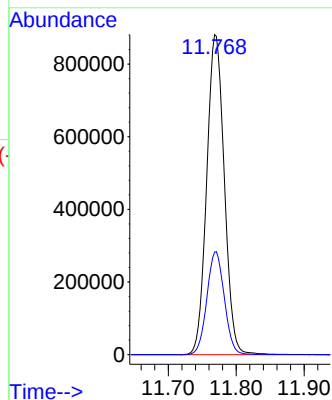


#65  
Chlorobenzene  
Concen: 46.904 ug/l  
RT: 11.768 min Scan# 3646  
Delta R.T. -0.003 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Instrument :  
MSVOA\_N  
ClientSampleId :

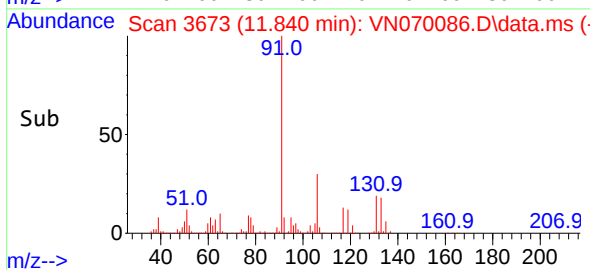
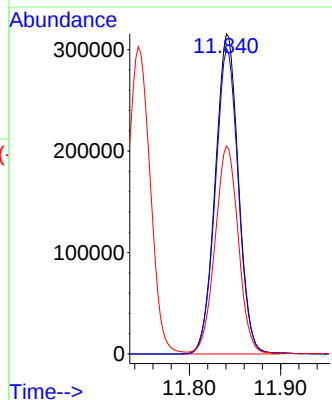
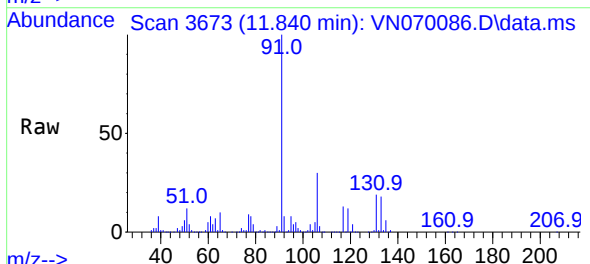


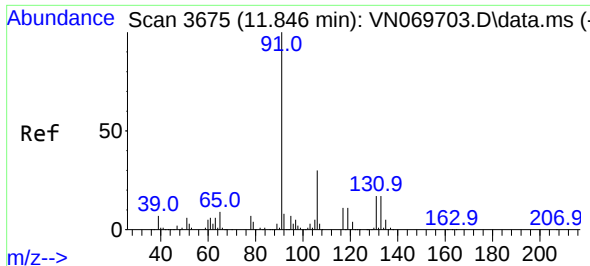
Tgt Ion:112 Resp: 1584685  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 46.819 ug/l  
RT: 11.840 min Scan# 3673  
Delta R.T. -0.003 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Tgt Ion:131 Resp: 556747  
Ion Ratio Lower Upper  
131 100  
133 95.3 47.9 143.7  
119 65.2 32.1 96.5

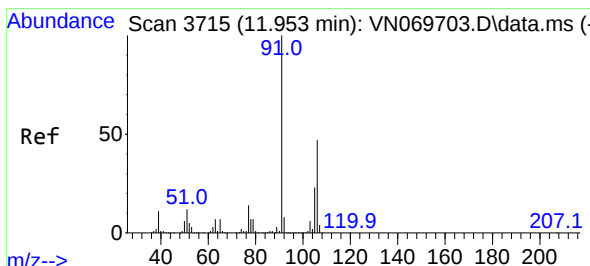
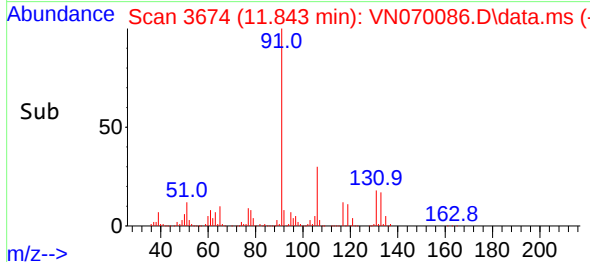
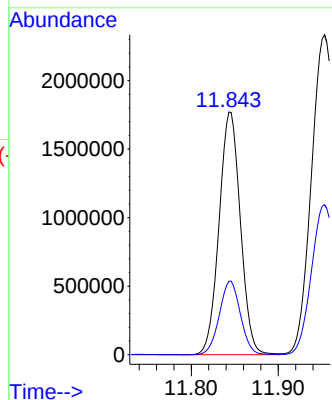
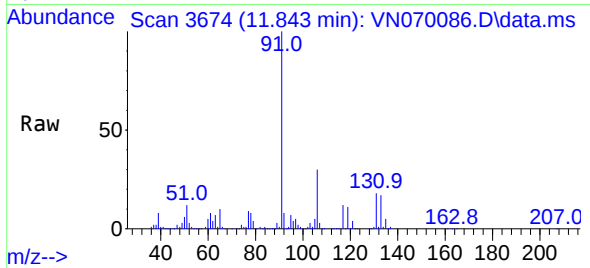




#67  
Ethyl Benzene  
Concen: 49.129 ug/l  
RT: 11.843 min Scan# 3015054  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

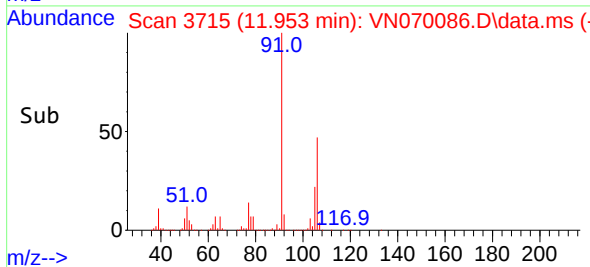
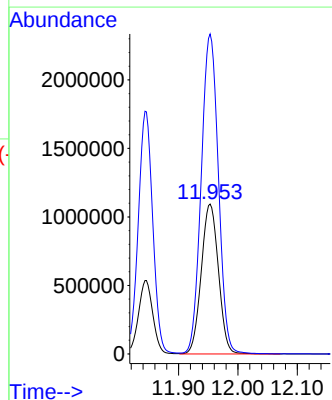
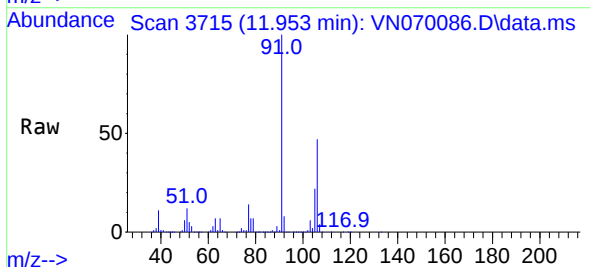
Instrument :  
MSVOA\_N  
ClientSampleId :

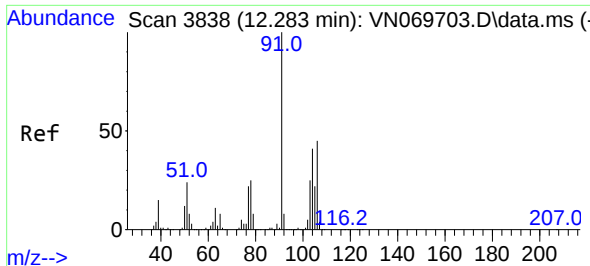
Tgt Ion: 91 Resp: 3015054  
Ion Ratio Lower Upper  
91 100  
106 30.3 25.7 38.5



#68  
m/p-Xylenes  
Concen: 98.168 ug/l  
RT: 11.953 min Scan# 3715  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Tgt Ion:106 Resp: 2193623  
Ion Ratio Lower Upper  
106 100  
91 213.5 160.6 240.8

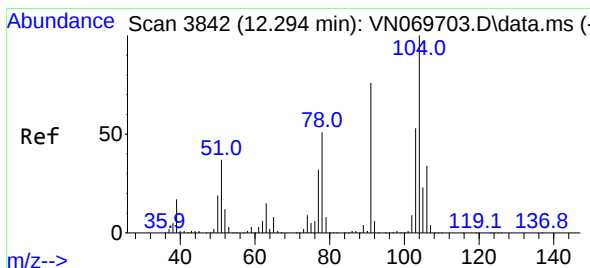
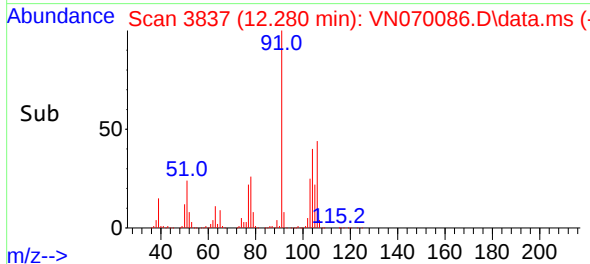
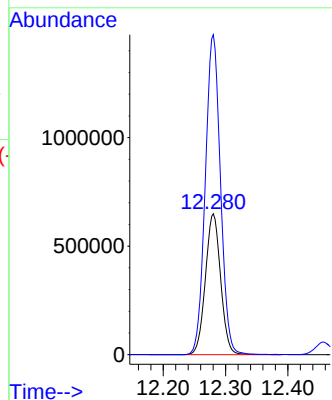
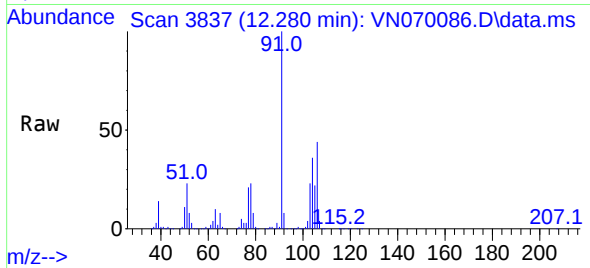




#69  
o-Xylene  
Concen: 48.930 ug/l  
RT: 12.280 min Scan# 3837  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

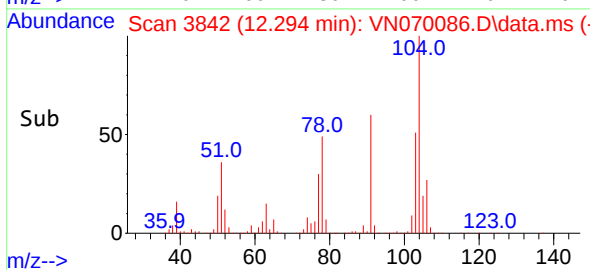
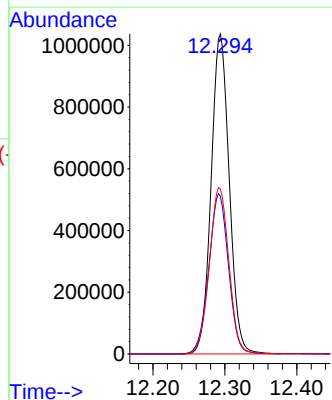
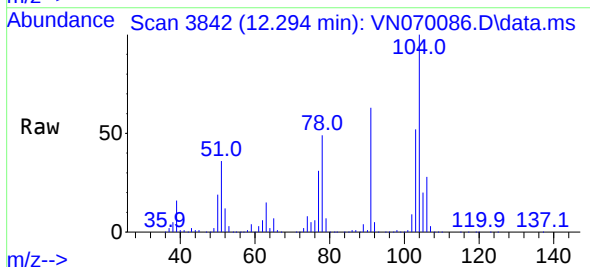
Instrument :  
MSVOA\_N  
ClientSampleId :

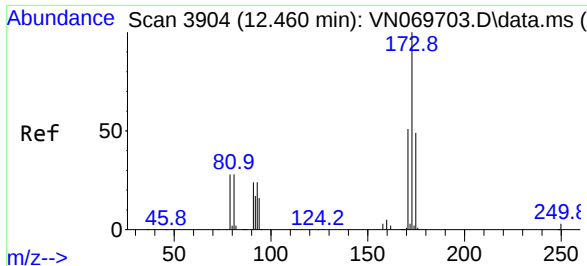
Tgt Ion:106 Resp: 1101308  
Ion Ratio Lower Upper  
106 100  
91 226.6 105.8 317.3



#70  
Styrene  
Concen: 50.859 ug/l  
RT: 12.294 min Scan# 3842  
Delta R.T. -0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Tgt Ion:104 Resp: 1815191  
Ion Ratio Lower Upper  
104 100  
78 54.6 38.7 58.1  
103 56.1 45.0 67.6

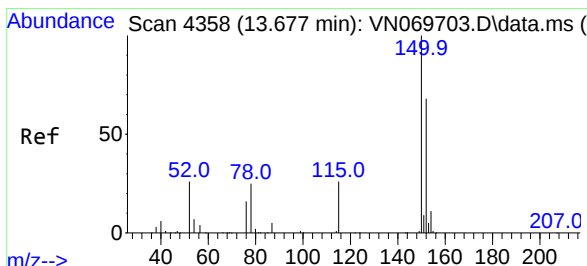
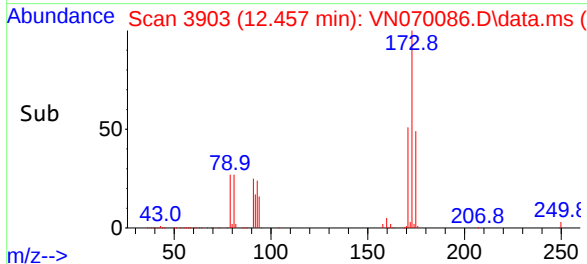
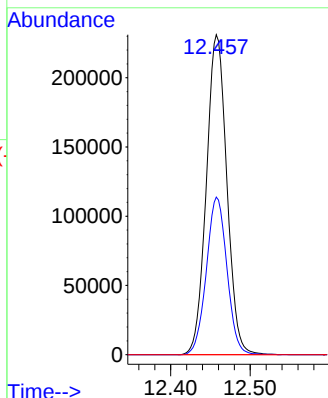
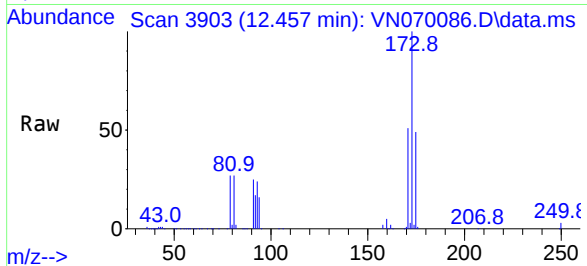




#71  
Bromoform  
Concen: 41.144 ug/l  
RT: 12.457 min Scan# 3904  
Delta R.T. -0.003 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

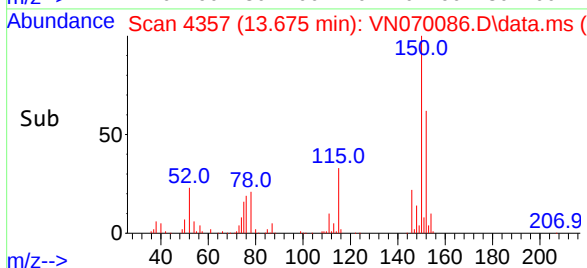
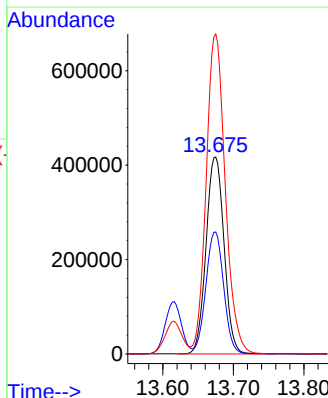
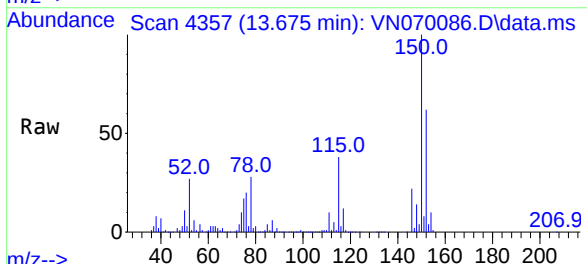
Instrument :  
MSVOA\_N  
ClientSampleId :

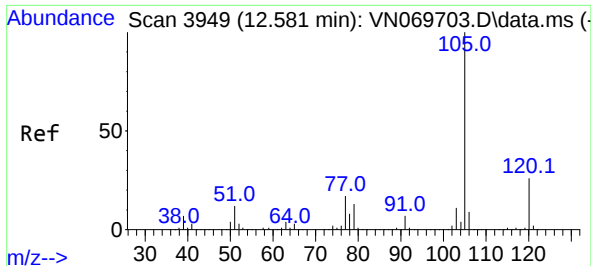
Tgt Ion:173 Resp: 413265  
Ion Ratio Lower Upper  
173 100  
175 49.5 24.2 72.6  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Tgt Ion:152 Resp: 741063  
Ion Ratio Lower Upper  
152 100  
115 61.0 27.5 82.5  
150 171.6 0.0 344.4

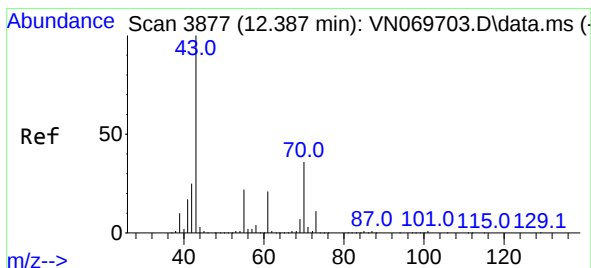
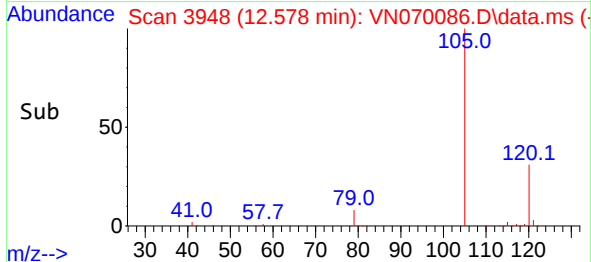
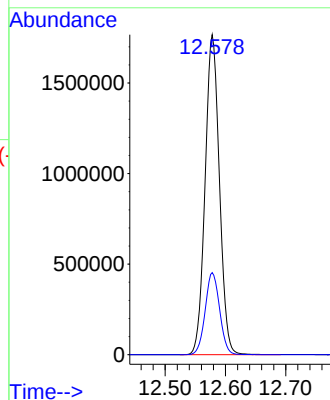
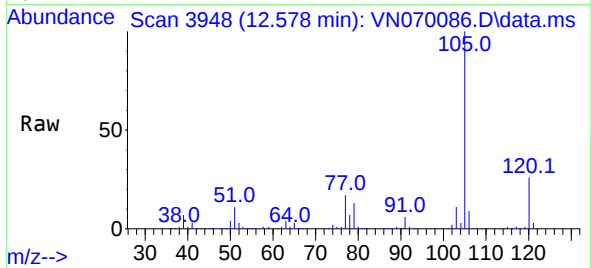




#73  
Isopropylbenzene  
Concen: 44.179 ug/l  
RT: 12.578 min Scan# 3948  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

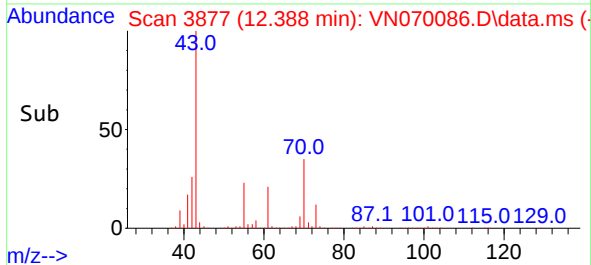
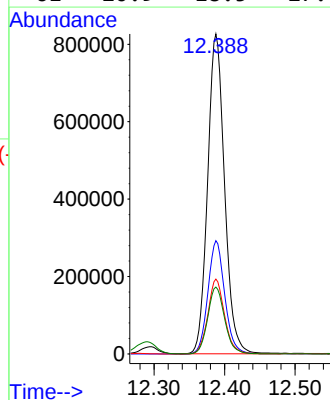
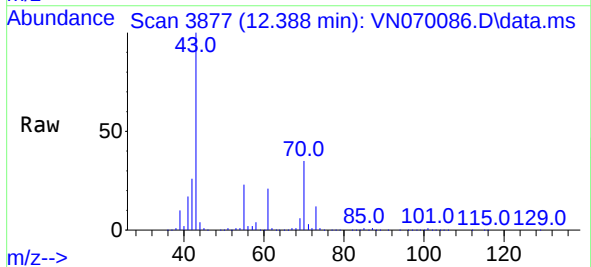
Instrument :  
MSVOA\_N  
ClientSampleId :

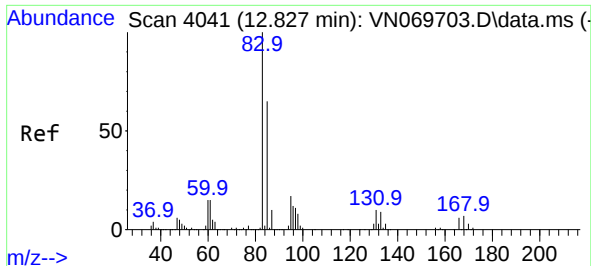
Tgt Ion:105 Resp: 2912880  
Ion Ratio Lower Upper  
105 100  
120 25.9 13.4 40.1



#74  
N-ethyl acetate  
Concen: 47.309 ug/l  
RT: 12.388 min Scan# 3877  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Tgt Ion: 43 Resp: 1379449  
Ion Ratio Lower Upper  
43 100  
70 35.2 33.4 50.0  
55 23.1 19.3 28.9  
61 20.9 18.5 27.7

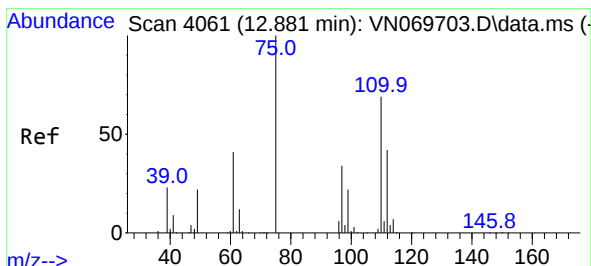
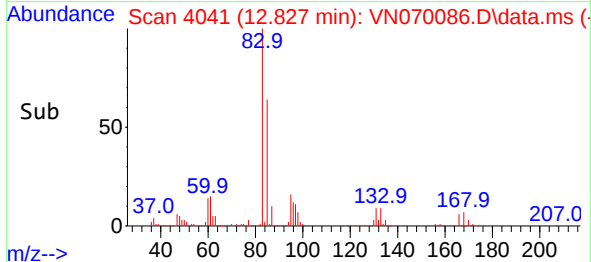
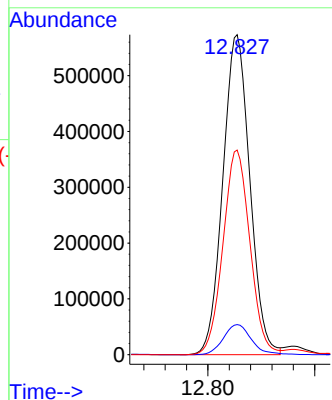
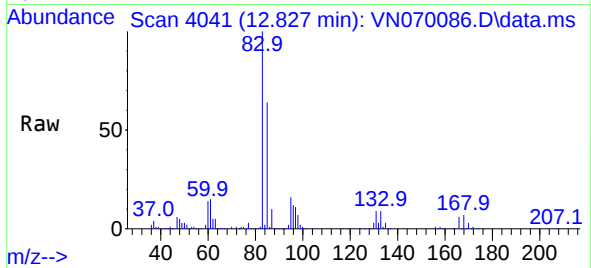




#75  
1,1,2,2-Tetrachloroethane  
Concen: 44.188 ug/l  
RT: 12.827 min Scan# 4041  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

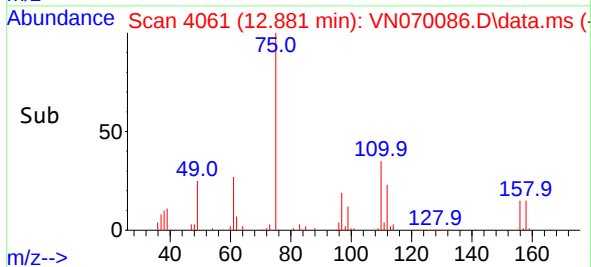
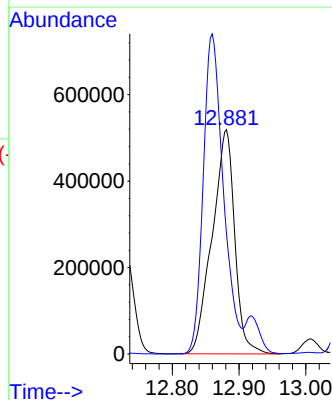
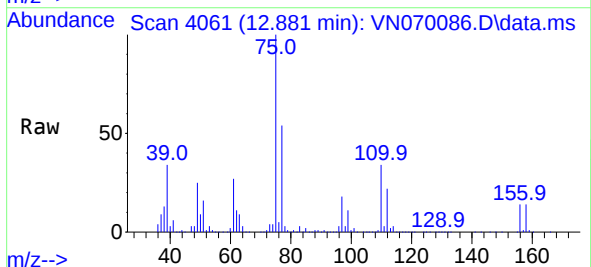
Instrument :  
MSVOA\_N  
ClientSampleId :

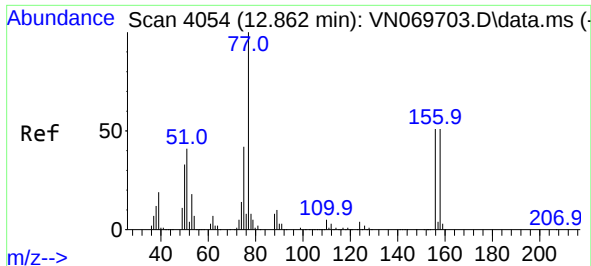
Tgt Ion: 83 Resp: 1007477  
Ion Ratio Lower Upper  
83 100  
131 9.8 5.5 16.5  
85 63.8 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 57.314 ug/l  
RT: 12.881 min Scan# 4061  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Tgt Ion: 75 Resp: 1218043  
Ion Ratio Lower Upper  
75 100  
77 0.0 82.6 247.8#

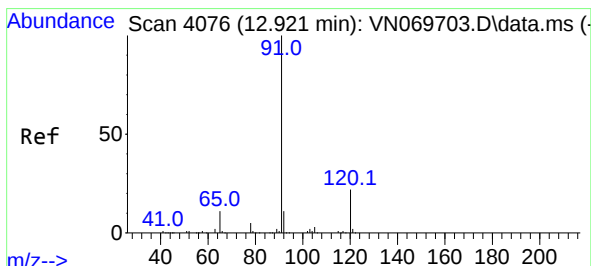
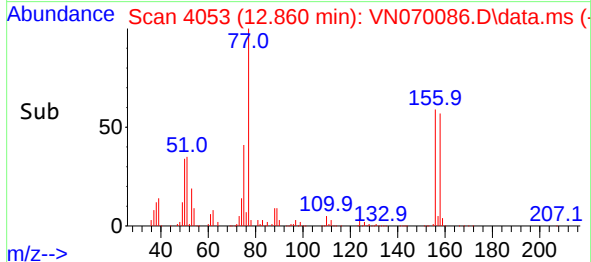
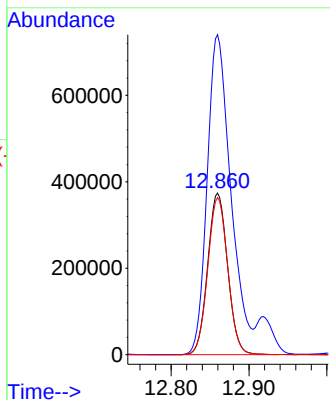
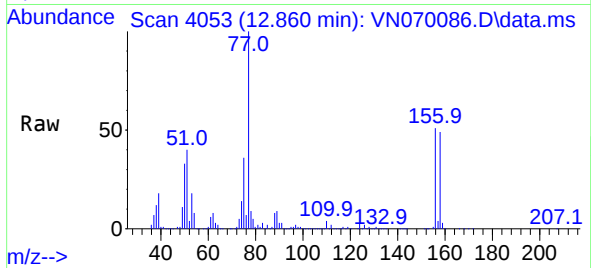




#77  
Bromobenzene  
Concen: 43.002 ug/l  
RT: 12.860 min Scan# 4054  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

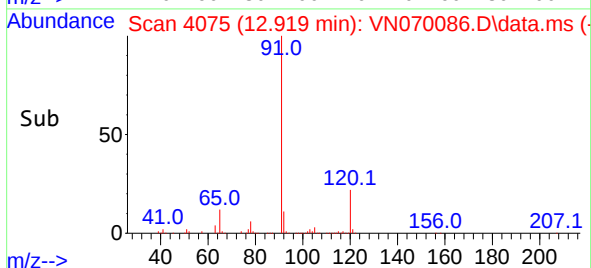
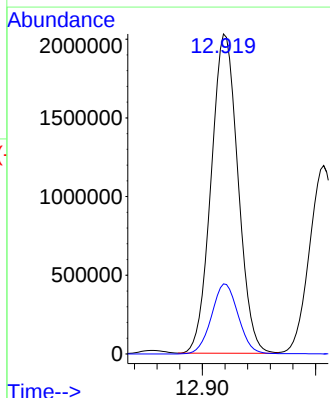
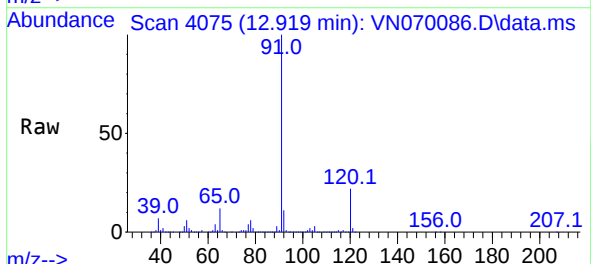
Instrument :  
MSVOA\_N  
ClientSampleId :

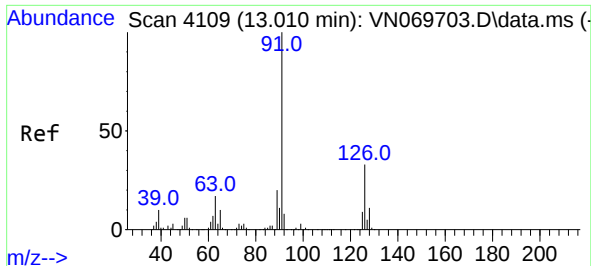
Tgt Ion:156 Resp: 665970  
Ion Ratio Lower Upper  
156 100  
77 233.7 90.6 271.8  
158 97.4 48.9 146.7



#78  
n-propylbenzene  
Concen: 45.530 ug/l  
RT: 12.919 min Scan# 4075  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Tgt Ion: 91 Resp: 3340524  
Ion Ratio Lower Upper  
91 100  
120 21.8 11.9 35.9

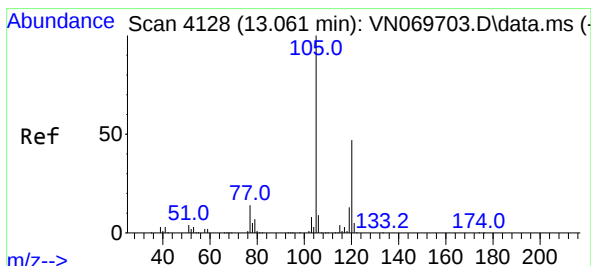
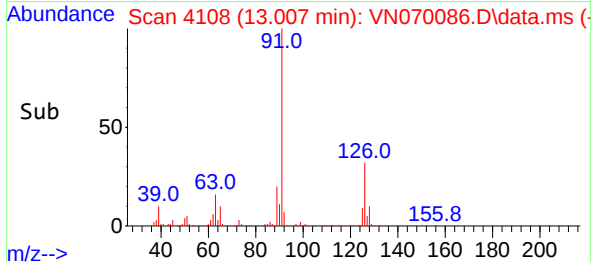
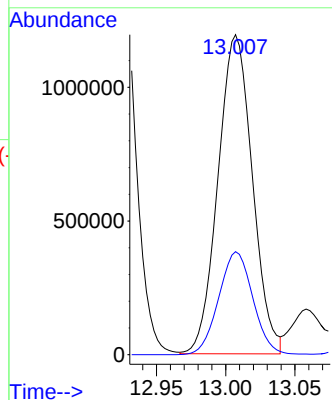
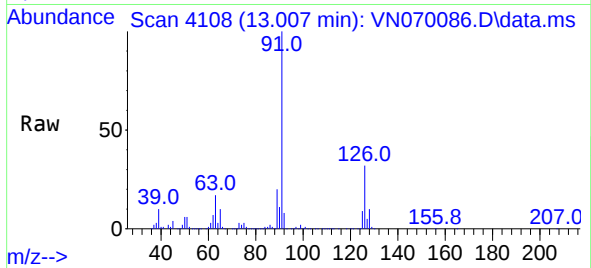




#79  
2-Chlorotoluene  
Concen: 44.491 ug/l  
RT: 13.007 min Scan# 4109  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

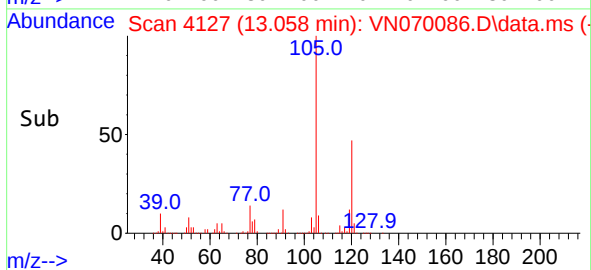
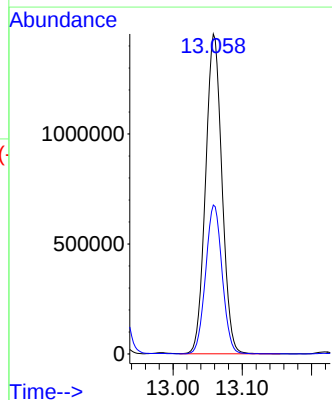
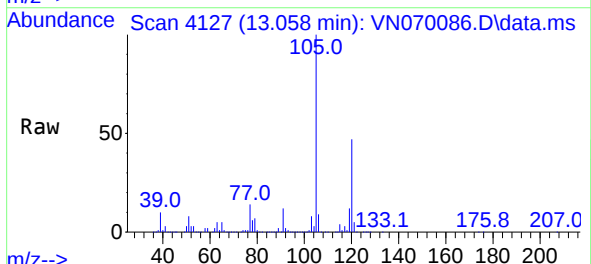
Instrument :  
MSVOA\_N  
ClientSampleId :

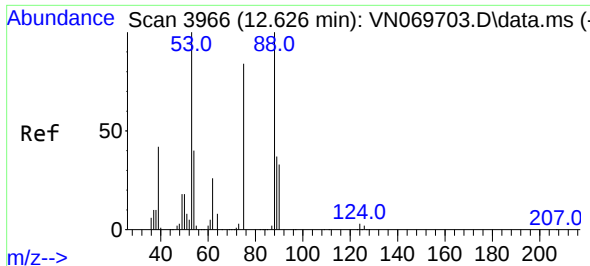
Tgt Ion: 91 Resp: 2062629  
Ion Ratio Lower Upper  
91 100  
126 32.1 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 44.977 ug/l  
RT: 13.058 min Scan# 4127  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

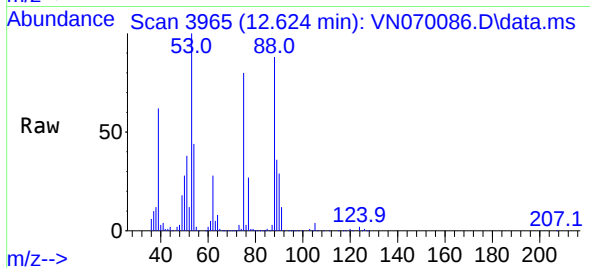
Tgt Ion: 105 Resp: 2386893  
Ion Ratio Lower Upper  
105 100  
120 46.8 24.6 73.6



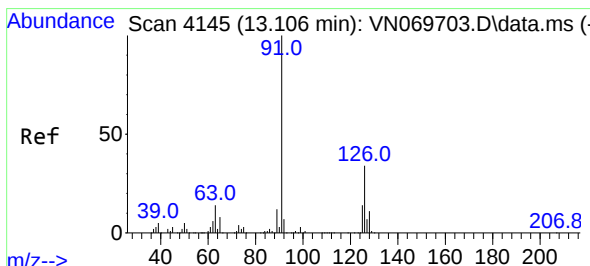
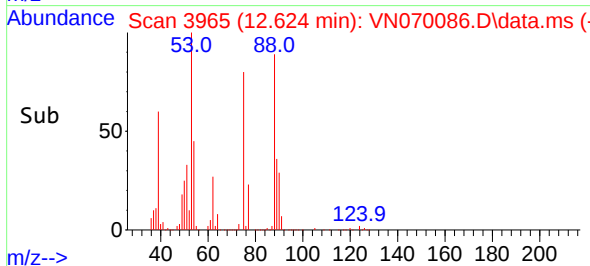
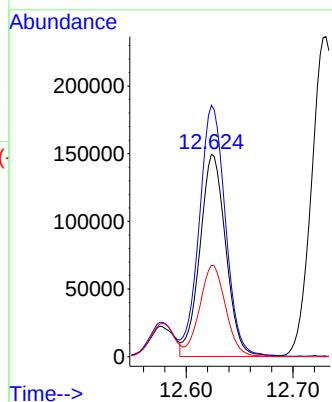


#81  
trans-1,4-Dichloro-2-butene  
Concen: 39.648 ug/l  
RT: 12.624 min Scan# 3966  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Instrument :  
MSVOA\_N  
ClientSampleId :

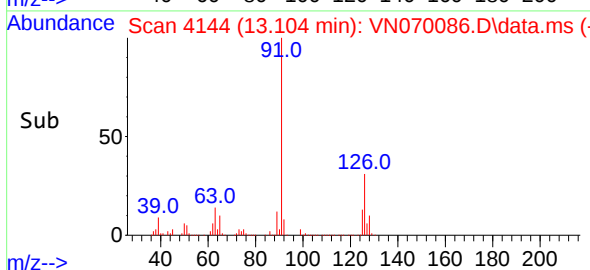
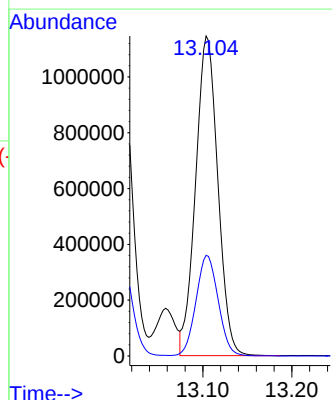
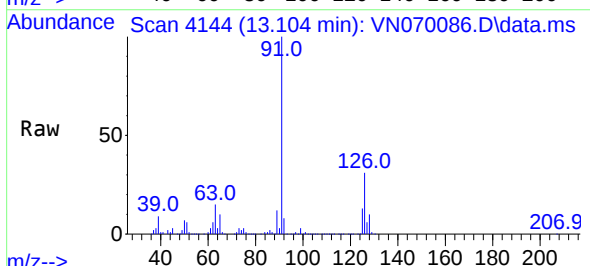


Tgt Ion: 75 Resp: 251505  
Ion Ratio Lower Upper  
75 100  
53 125.4 90.5 135.7  
89 45.5 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 45.570 ug/l  
RT: 13.104 min Scan# 4144  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

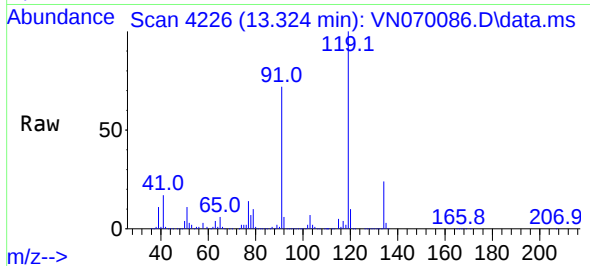
Tgt Ion: 91 Resp: 1986808  
Ion Ratio Lower Upper  
91 100  
126 31.4 18.2 54.6



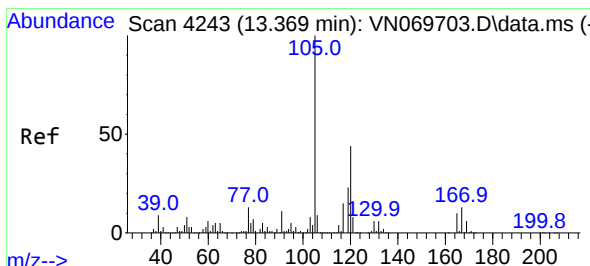
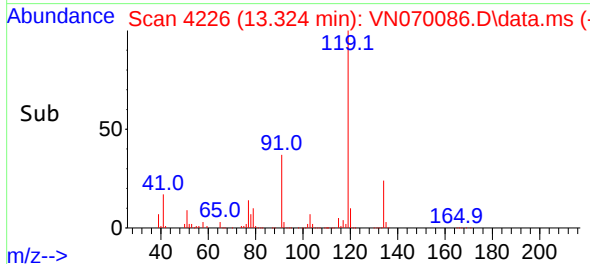
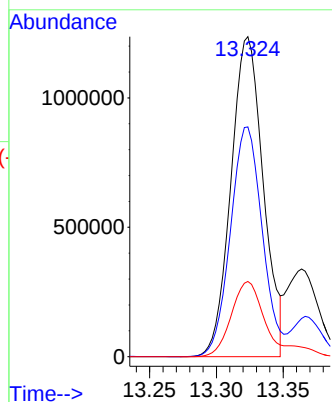


#83  
tert-Butylbenzene  
Concen: 44.289 ug/l  
RT: 13.324 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Instrument :  
MSVOA\_N  
ClientSampleId :

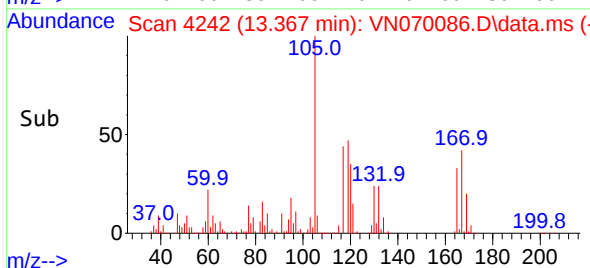
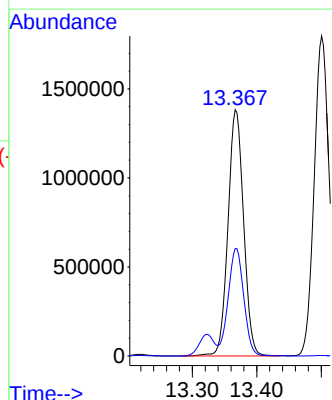
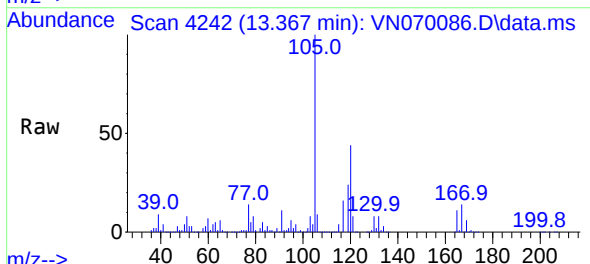


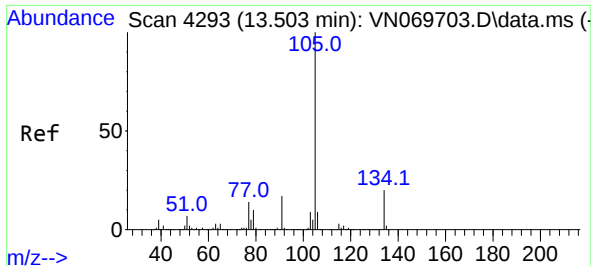
Tgt Ion:119 Resp: 2081179  
Ion Ratio Lower Upper  
119 100  
91 71.0 31.5 94.5  
134 26.1 12.4 37.4



#84  
1,2,4-Trimethylbenzene  
Concen: 45.997 ug/l  
RT: 13.367 min Scan# 4242  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Tgt Ion:105 Resp: 2324719  
Ion Ratio Lower Upper  
105 100  
120 43.6 22.8 68.4

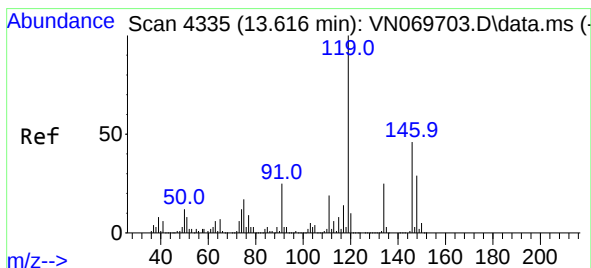
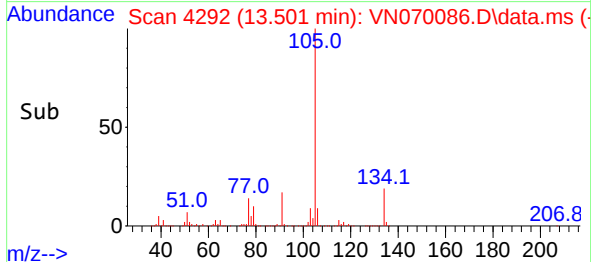
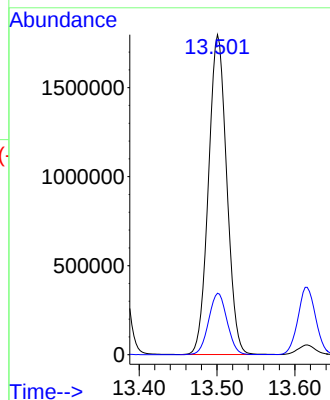
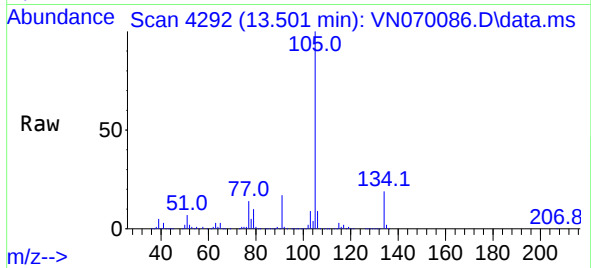




#85  
 sec-Butylbenzene  
 Concen: 45.885 ug/l  
 RT: 13.501 min Scan# 41  
 Delta R.T. -0.002 min  
 Lab File: VN070086.D  
 Acq: 14 Dec 2021 21:48

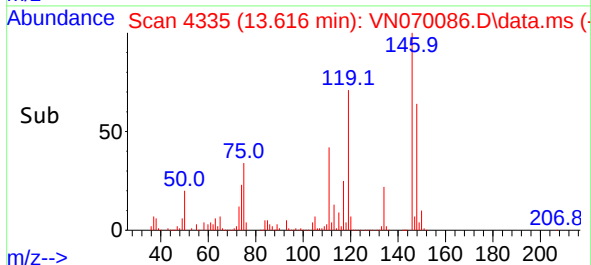
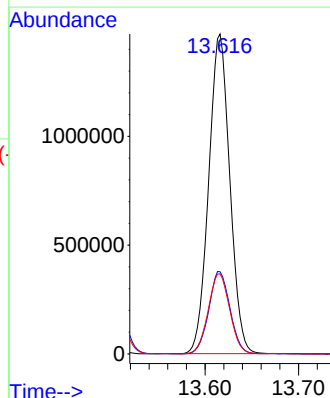
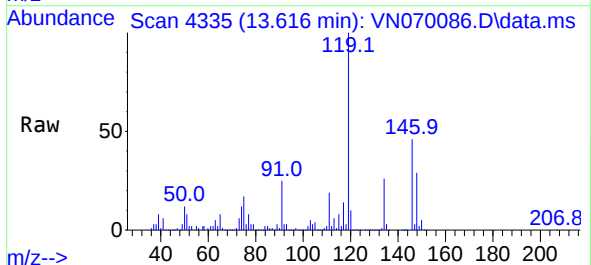
Instrument :  
 MSVOA\_N  
 ClientSampleId :

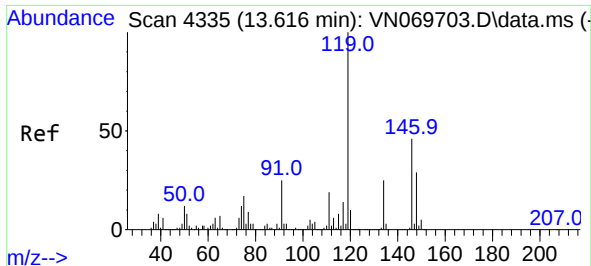
Tgt Ion:105 Resp: 2924677  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 46.301 ug/l  
 RT: 13.616 min Scan# 4335  
 Delta R.T. 0.000 min  
 Lab File: VN070086.D  
 Acq: 14 Dec 2021 21:48

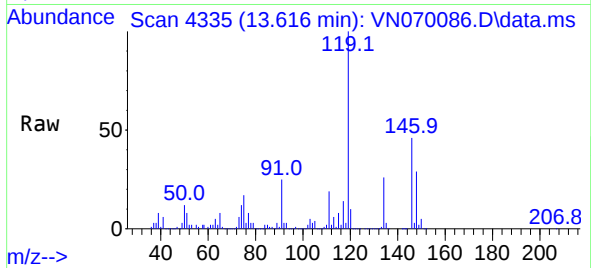
Tgt Ion:119 Resp: 2306825  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 13.6 40.7  
 91 25.4 11.4 34.1



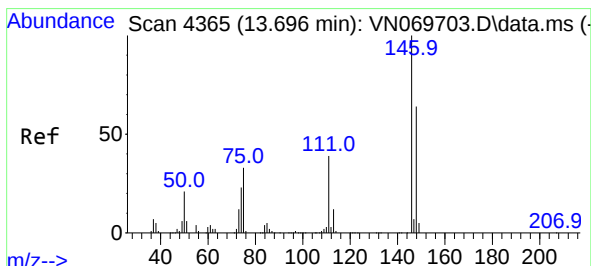
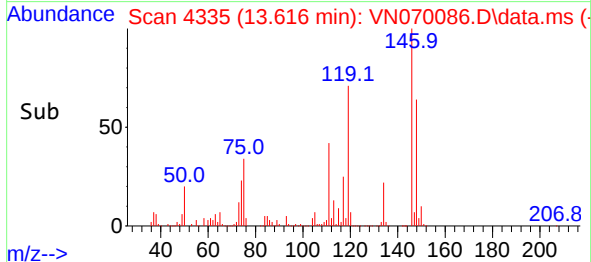
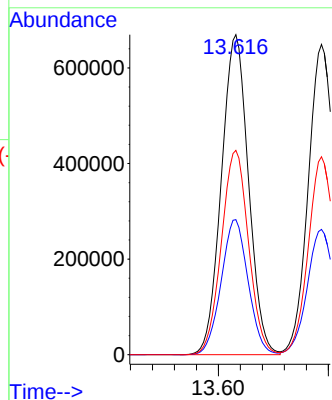


#87  
1,3-Dichlorobenzene  
Concen: 45.045 ug/l  
RT: 13.616 min Scan# 4335  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Instrument :  
MSVOA\_N  
ClientSampleId :

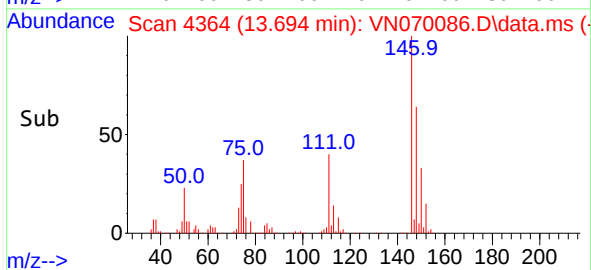
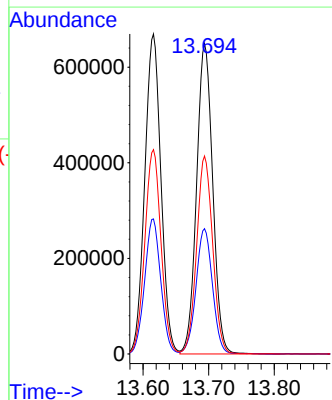
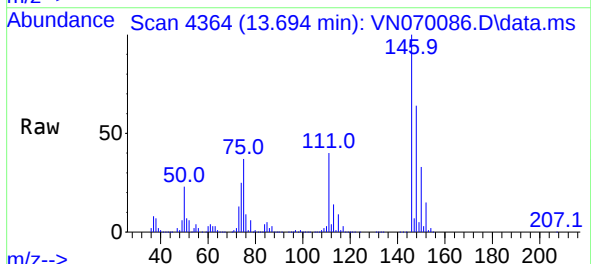


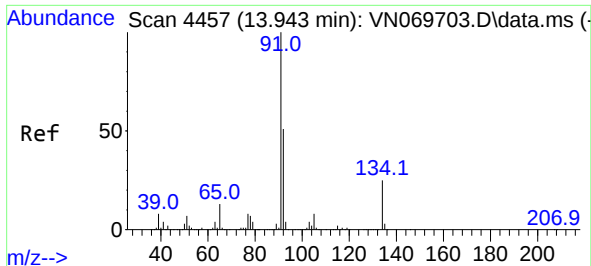
Tgt Ion:146 Resp: 1146050  
Ion Ratio Lower Upper  
146 100  
111 42.0 18.6 55.6  
148 64.0 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 44.356 ug/l  
RT: 13.694 min Scan# 4364  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

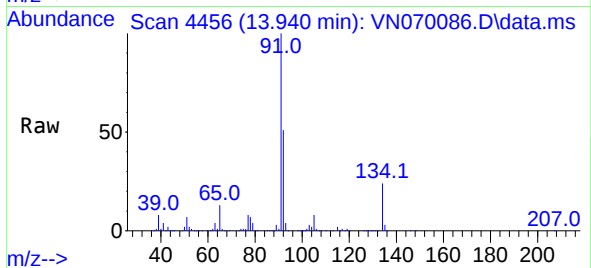
Tgt Ion:146 Resp: 1109050  
Ion Ratio Lower Upper  
146 100  
111 41.0 18.3 54.8  
148 63.4 31.8 95.4



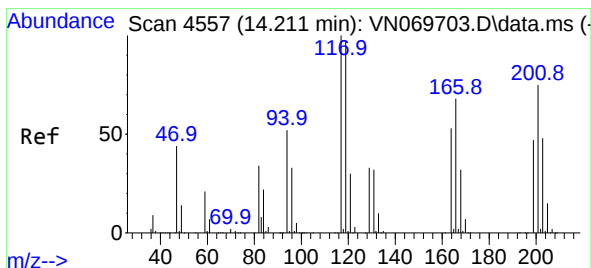
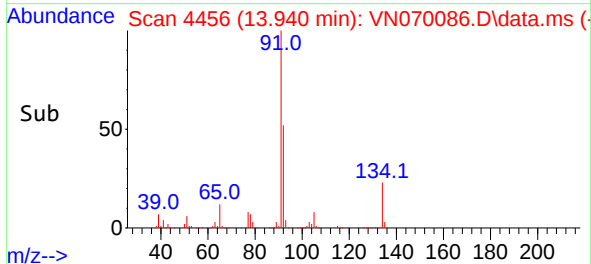
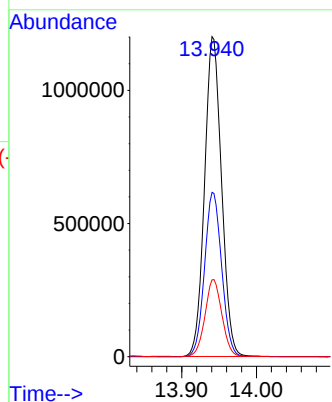


#89  
n-Butylbenzene  
Concen: 47.013 ug/l  
RT: 13.940 min Scan# 4457  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Instrument :  
MSVOA\_N  
ClientSampleId :

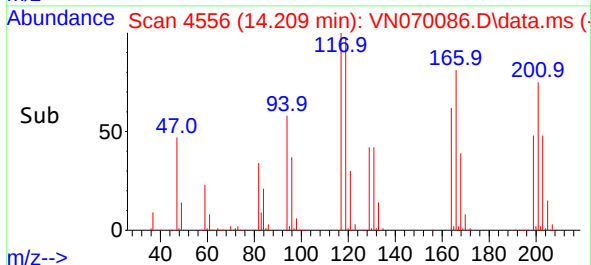
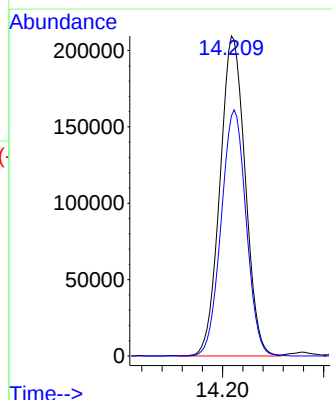
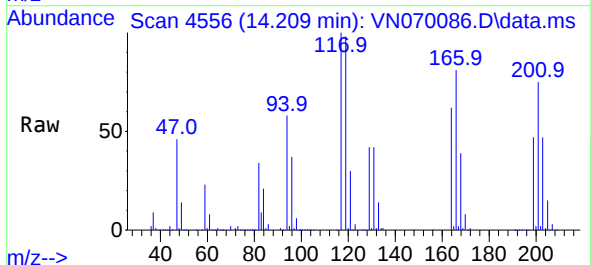


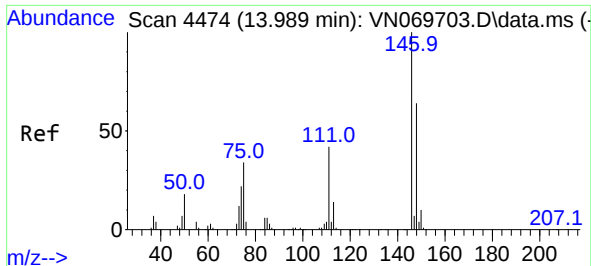
Tgt Ion: 91 Resp: 1900040  
Ion Ratio Lower Upper  
91 100  
92 51.8 25.4 76.0  
134 24.1 13.6 40.8



#90  
Hexachloroethane  
Concen: 41.456 ug/l  
RT: 14.209 min Scan# 4556  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

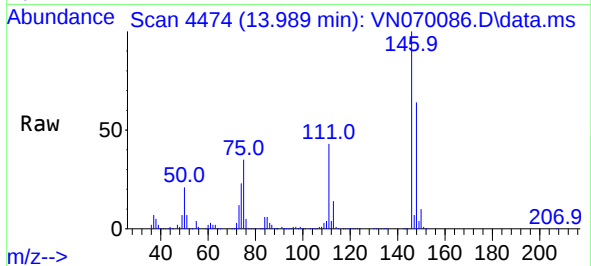
Tgt Ion: 117 Resp: 362623  
Ion Ratio Lower Upper  
117 100  
201 76.0 43.9 131.6



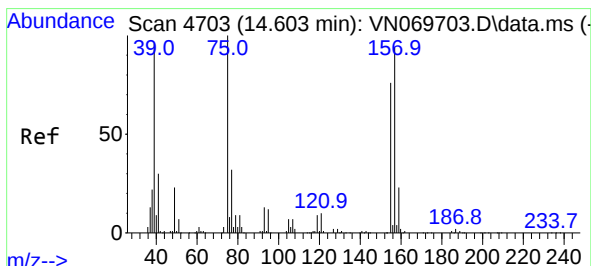
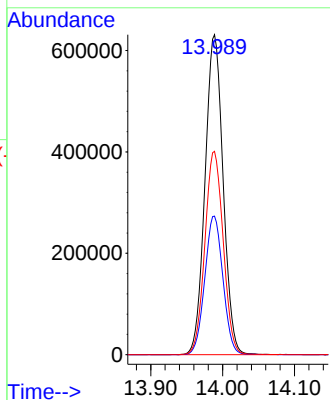
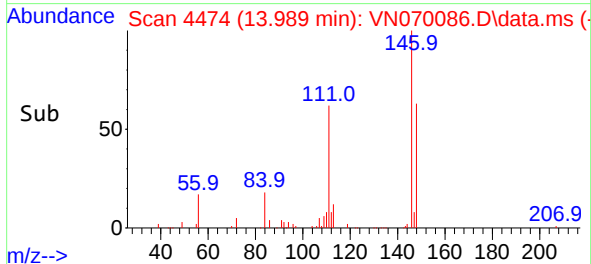


#91  
1,2-Dichlorobenzene  
Concen: 44.579 ug/l  
RT: 13.989 min Scan# 4474  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Instrument :  
MSVOA\_N  
ClientSampleId :

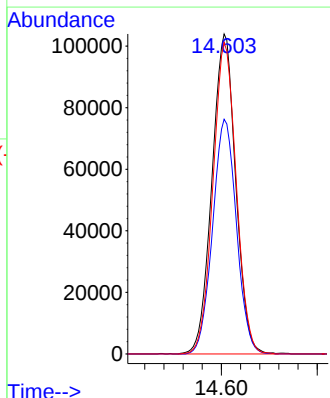
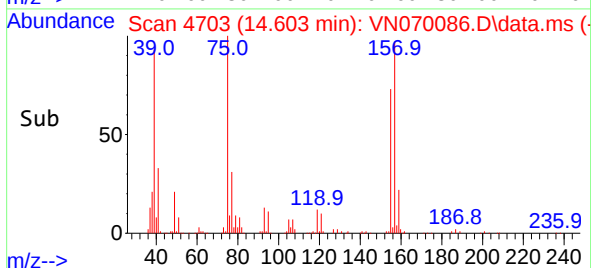
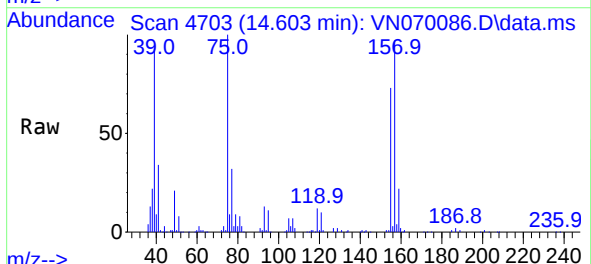


Tgt Ion:146 Resp: 1105104  
Ion Ratio Lower Upper  
146 100  
111 43.5 19.1 57.3  
148 64.4 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 43.301 ug/l  
RT: 14.603 min Scan# 4703  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

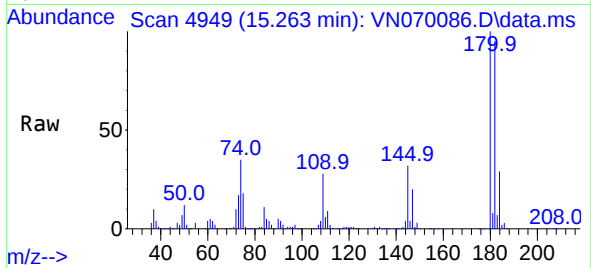
Tgt Ion: 75 Resp: 178400  
Ion Ratio Lower Upper  
75 100  
155 73.6 46.9 140.7  
157 95.5 60.6 181.7



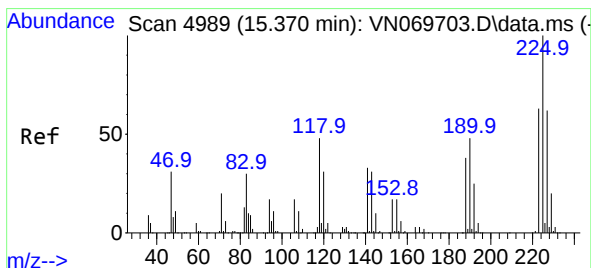
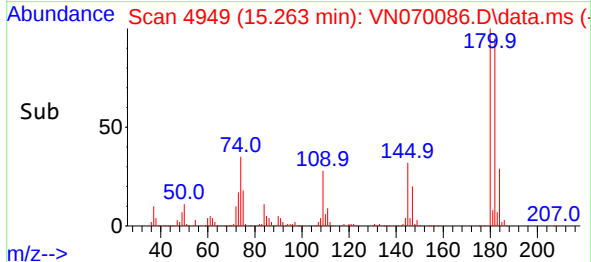
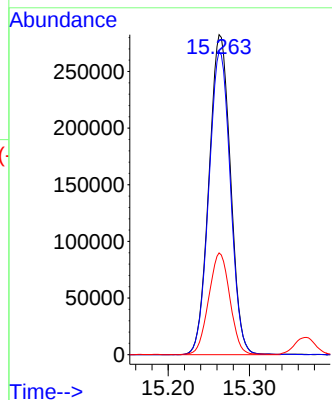


#93  
1,2,4-Trichlorobenzene  
Concen: 43.025 ug/l  
RT: 15.263 min Scan# 4950  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Instrument :  
MSVOA\_N  
ClientSampleId :

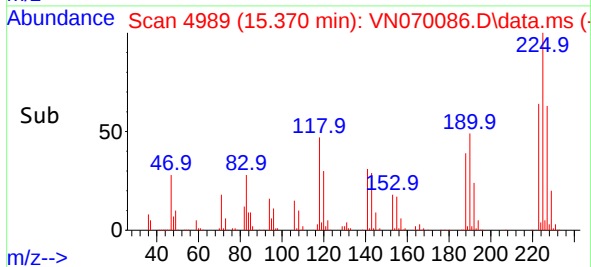
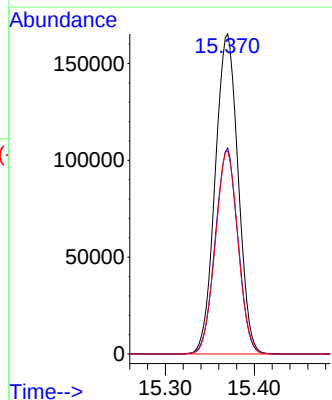
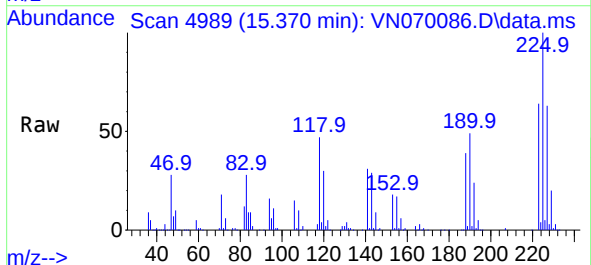


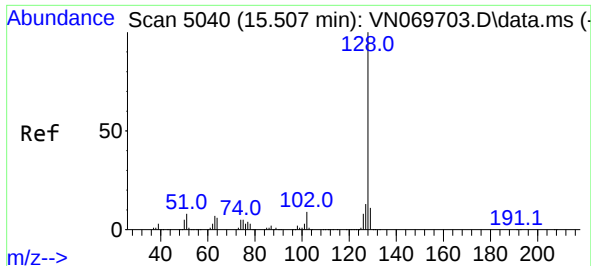
Tgt Ion:180 Resp: 517942  
Ion Ratio Lower Upper  
180 100  
182 94.8 48.3 144.9  
145 31.4 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 45.076 ug/l  
RT: 15.370 min Scan# 4989  
Delta R.T. 0.000 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

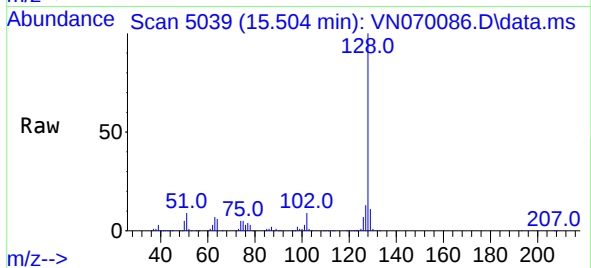
Tgt Ion:225 Resp: 296142  
Ion Ratio Lower Upper  
225 100  
223 63.6 31.9 95.7  
227 62.9 32.1 96.3



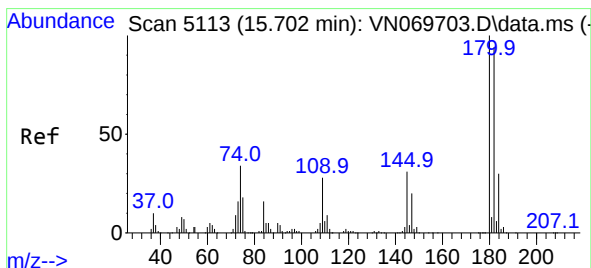
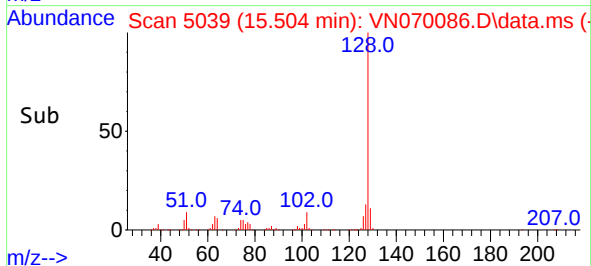
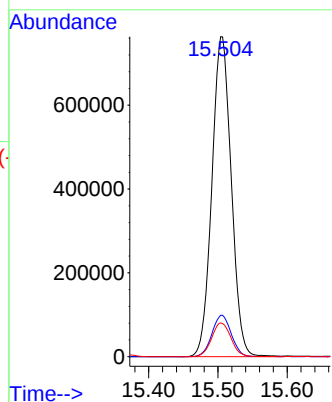


#95  
Naphthalene  
Concen: 41.666 ug/l  
RT: 15.504 min Scan# 5040  
Delta R.T. -0.003 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion:128 Resp: 1482844  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.5 15.7  
129 10.6 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 43.449 ug/l  
RT: 15.700 min Scan# 5112  
Delta R.T. -0.002 min  
Lab File: VN070086.D  
Acq: 14 Dec 2021 21:48

Tgt Ion:180 Resp: 510868  
Ion Ratio Lower Upper  
180 100  
182 96.3 47.4 142.2  
145 33.0 15.0 45.1

