**Additional questions on Level 3 Structural formula**

***All of the following questions have not (as yet!) appeared in the NCEA Level 3 Exams***

**QUESTIONS:**

**i) draw the structural formula for each organic substance and...**

**ii) circle the functional group of each substance and...**

**iii) name the homologous series that the substance is in**

|  |  |  |
| --- | --- | --- |
| **3-aminobutan-1-ol** | 5-bromo-2-methyl-pentanoyl chloride | **aminoethane** |
| N-methylpropanamide | **4-methylpentan-2-ol** | 4-hydroxy-pent-2-ene |
| **4-methylpent-2-ene** | **2-hydroxy-4-methylpentanal** | **N-ethyl-N-methylethanamine** |
| **methyl propanoate** | **3-aminobutanoic acid** | **3-methylbut-1-ene** |
| **but-2-ene-1,4-dioic acid** | **ammonium propanoate** | **hex-1-ene-3-one** |

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