**Additional questions on Structural formula (aka displayed, expanded structural formula) practice**

**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**

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| **hexane** | ***cis* pent-2-ene** | ***trans* pent-2-ene** |
| **1,1,2,2-tetrafluoroethene** | **polybutene (showing 2 repeating units)**  **made from monomers of but-2-ene** | **4-methylpentan-1-ol** |
| **methylamine** | 4-ethylpentanoic acid | 2,2,3,3-tetramethylbutane |

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| 2,2-dimethylbutan-1-ol | pentan-3-ol | ethylpropylamine |
| *cis* 1,2-dichloropropene | *trans* 1,2-dichloropropene | 2-chloro-3-methylbutan-1-ol |
| dimethylamine | 1-bromo-4-ethylhexane | propan-1,2,3-triol |
| 4-amino-2-methylbutanoic acid | 3-ethyl-2,4-dimethylpentane | *cis* 1,2-dibromopropene |

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