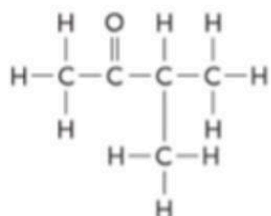
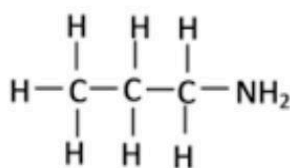


Functional group activity

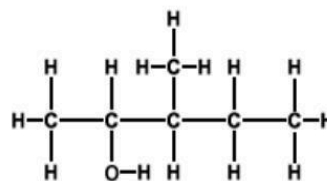
Examine these molecules and answer the questions given below.



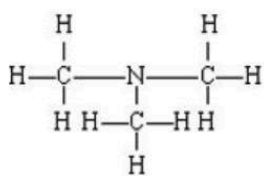
minty



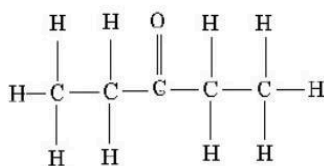
fishy



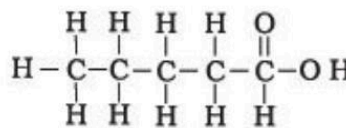
medicinal



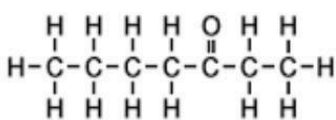
fishy



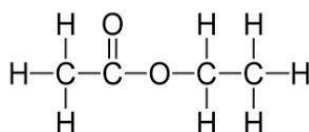
minty



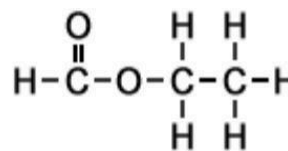
putrid



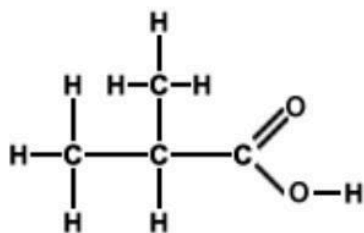
minty



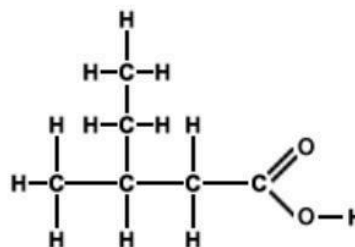
sweet



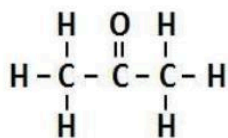
sweet



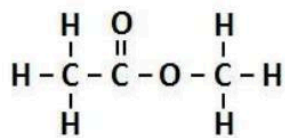
putrid



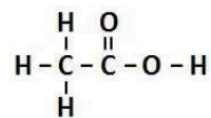
putrid



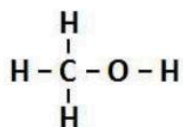
minty



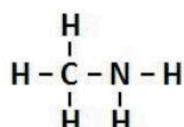
sweet



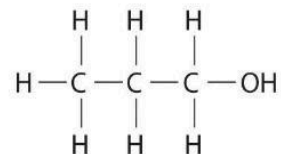
putrid



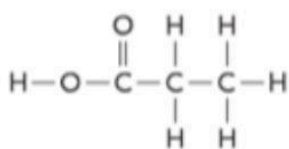
medicinal



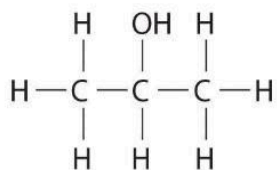
fishy



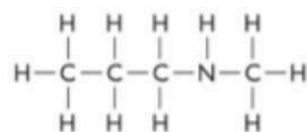
medicinal



putrid



medicinal



fishy

- Find all the molecules that have two oxygen atoms. What patterns do you discover among these molecules?

- Sort the molecules based on the number of carbon atoms they have. Do you think the smell of a molecule is related to the number of carbon atoms it has? Explain.
- Sort all the molecules by smell. What structural features do the molecules in the groups below have in common? Draw (or describe) the features.
- Sort all the molecules by smell. What structural features do the molecules in the groups below have in common? Draw (or describe) the features.

Reference

Living by Chemistry (A. M. Stacy, Comp.). (2012). Retrieved from

<http://ebooks.bfwpub.com/livingbychemistry1e.php>