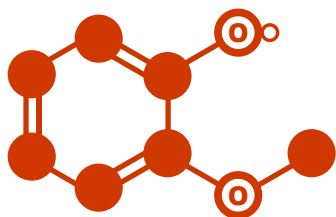
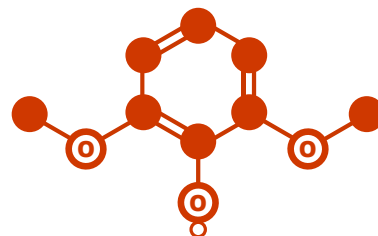
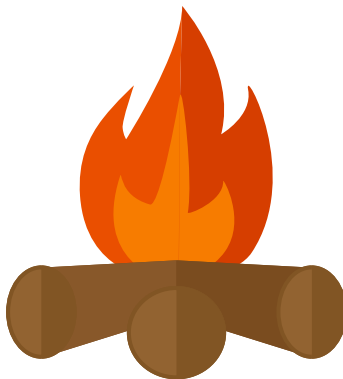


CHEMISTRY ADVENT 2015 11

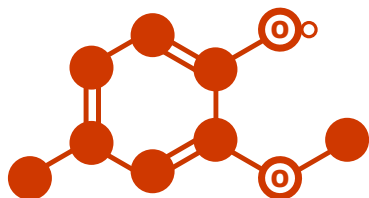
THE SMELL OF LOG FIRES



GUAIACOL



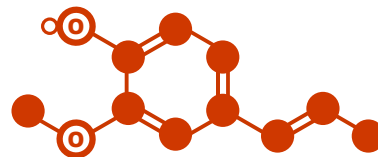
SYRINGOL



4-METHYLGUAIACOL

- Carbon
- ⊙ Oxygen
- Hydrogen

*Hydrogens on carbon atoms implied;
each carbon has 4 bonds.*



ISOEUGENOL

Smoke from winter wood fires contains hundreds of volatile compounds, a number of which contribute to its aroma. Phenolic compounds are particularly important contributors; syringol and guaiacols have sweet, smoky aromas, whereas isoeugenol has a spicy woody aroma. Phenol and cresols contribute pungent aromas.

