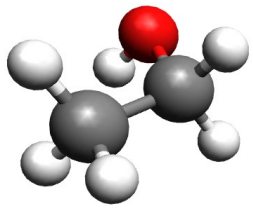
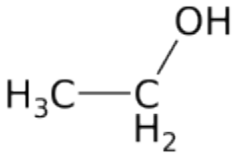
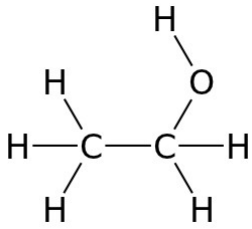
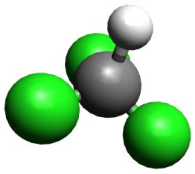
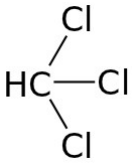
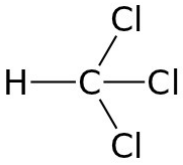
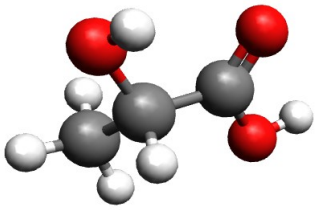
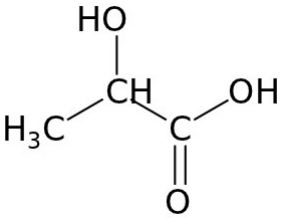
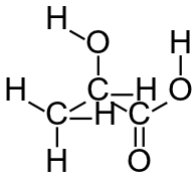
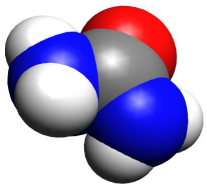
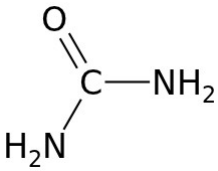
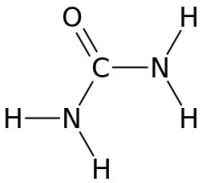
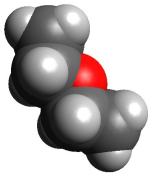
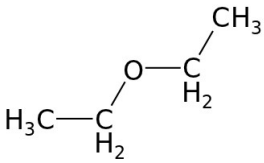
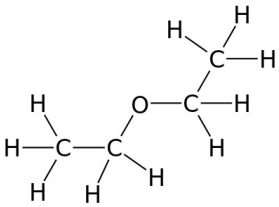
La santé – Chapitre 3 – TP - Représentation de quelques molécules à l'aide du logiciel Avogadro

Modèle	Formule Brute	Formule Semi développée	Formule Développée
	C_2H_6O		
	$CHCl_3$		
	$C_3H_5O_3$		
	CH_4ON_2		
	$C_4H_{10}O$		

Atome	carbone	hydrogène	oxygène	azote	chlore
Couleur symbolique	noir	blanc	rouge	bleu	vert
Nombre de liaisons	4	1	2	3	1

4	1	2	3	1

Que remarque-t-on pour les 5 éléments chimiques concernés ?

La distance au gaz noble le plus proche, dans le tableau périodique, correspond au nombres de liaisons possibles pour l'élément considéré.