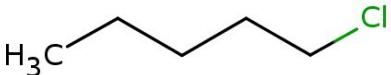
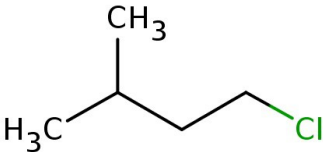
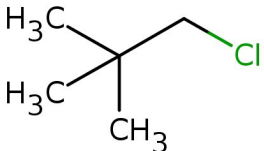


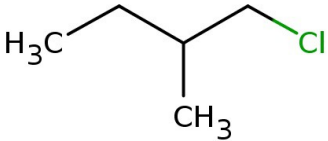
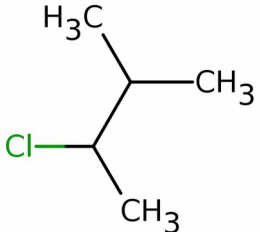
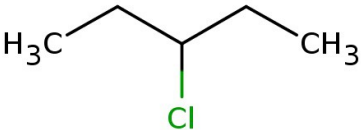
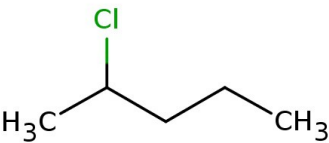
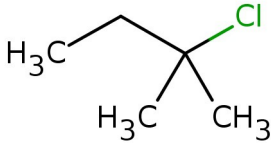
Answer on Question #64371 - Chemistry - Organic Chemistry

Task:

Draw all the constitutional isomers for each of the following compounds and give its correct IUPAC name for primary halides with molecular formula $C_5H_{11}Cl$

Solution:

Nº	Structural formula	Names	Halides
1		1-chloropentane; n-amyl chloride	primary halide
2		1-chloro-3-methylbutane	primary halide
3		1-chloro-2,2-dimethylpropane; neopentyl chloride	primary halide

4		1-chloro-2-methylbutane	primary halide
5		2-chloro-3-methylbutane	secondary halide
6		3-chloropentane	secondary halide
7		2-chloropentane	secondary halide
8		2-chloro-2-methylbutane	tertiary halide

For $C_5H_{11}Cl$ there are four primary halides, two secondary halides and one tertiary halide.