

Power Point Study– 08-1 Alkyl Halide Nomenclature and Properties/Name:

1. Draw the structures of the following compounds:

Sec-butyl chloride

2,2-dichloro-3-methylbutane

chloroform

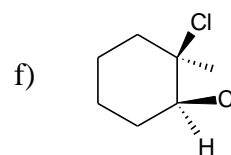
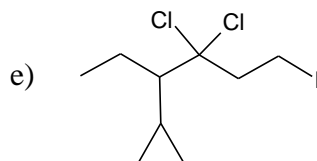
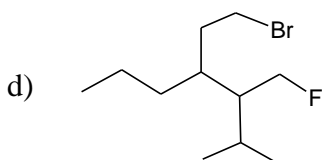
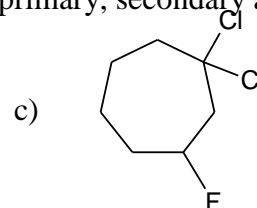
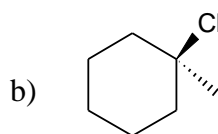
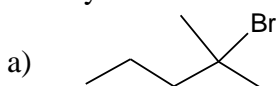
Trans-1-chloro-2-methylcyclohexane

1,2-dibromo-3-methylpentane

1-chloro-1-isopropylcyclopentane

2,2,2-trichloroethanol

2. Give the names of the following compounds. Identify them as primary, secondary and tertiary.



3. Arrange in the order of increasing boiling point.

2-fluoropropane, 2-chloropropane, 2-iodopropane, 2-bromopropane