Determining Existence of Molecular Dipole

For each of the following, give the hybridization of each carbon, and determine if there is a net dipole.

Drawing Structures from Chemical Formulas

Please draw the chemical structures that correspond to the following formulas.

CH₃CH₂CCH

CF₃CHCHCH(OH)₂

(CH₃O)₂CFCCH

CCI₃CO₂CH₂OH

 $((CH_3)_3C)_2CHCO_2H$

CH₂CHOCH(CH₃)₂

CH₃OCH₂CO₂CF₃

CH₃CH₂OCH₂C(CH₃)₃