- Chapter 8: Nucleophilic Substitution
- Chapter 9: Alkynes
- Chapter 10: Conjugation
- Chapter 11: Arenes and Aromaticity
- Chapter 12: Electrophilic Aromatic Substitution
- Chapter 14: Organometallic Compounds
- Chapter 15: Alcohols, Diols, and Thiols
- Chapter 16: Ethers, Epoxides and Sulfides
- Chapter 17: Aldehydes and Ketones: Nucleophilic Addition to the Carbonyl Group
- Chapter 18: Carboxylic Acids