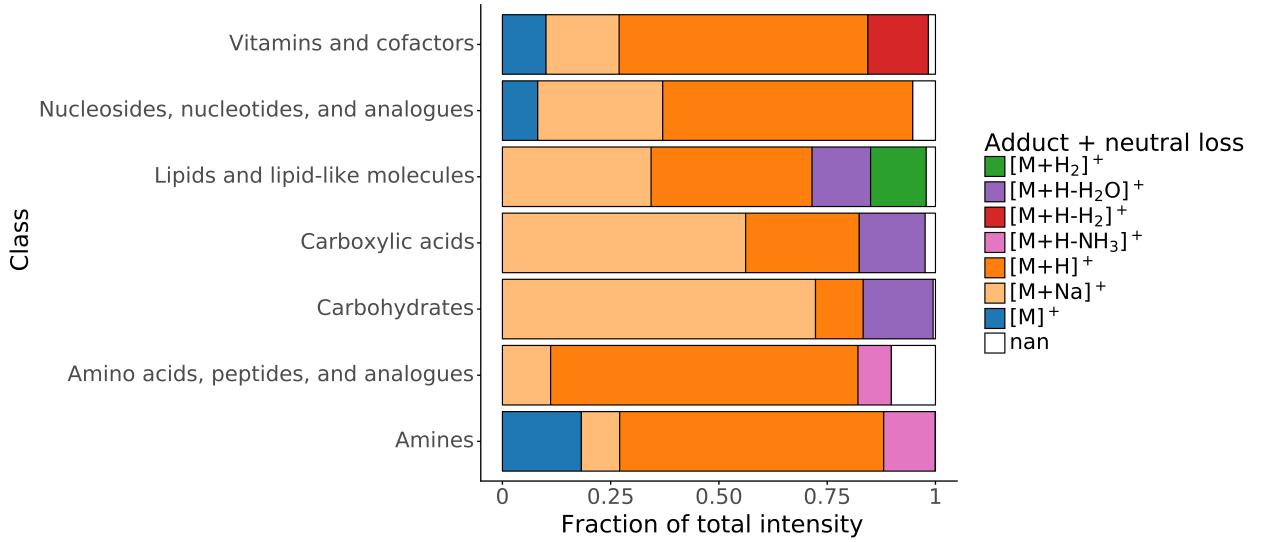
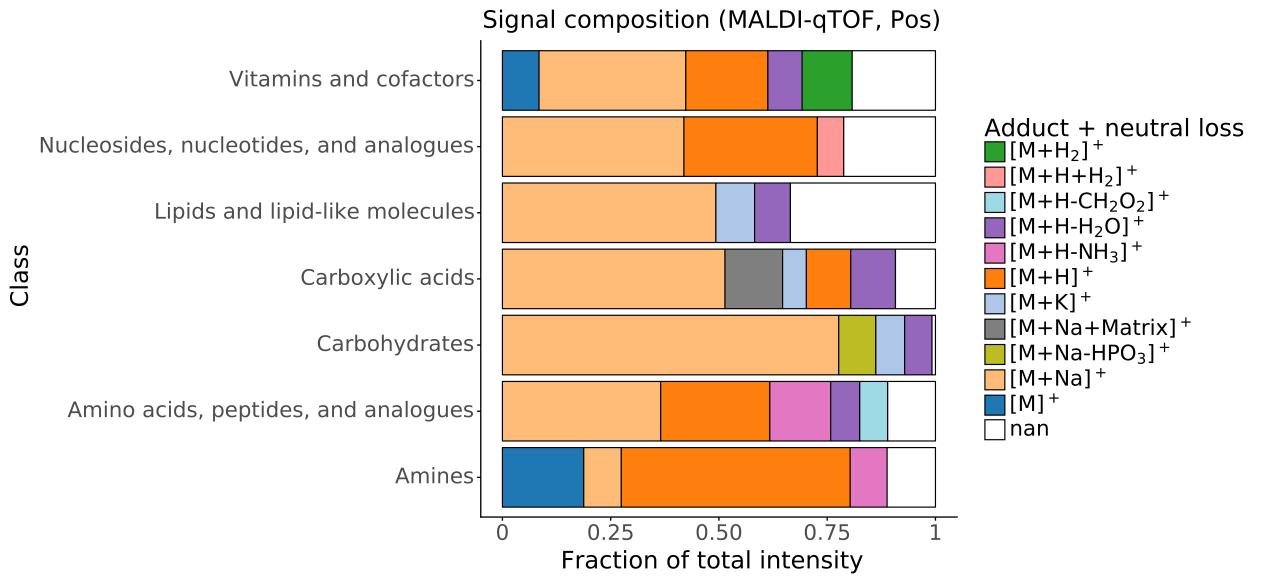


Signal composition (IR-MALDESI-Orbitrap, Pos)





Signal composition (AP-MALDI-Orbitrap, Pos) Vitamins and cofactors-Adduct + neutral loss Nucleosides, nucleotides, and analogues- $[M+H_2]^+$ $[M+H-H_2O]^+$ Lipids and lipid-like molecules- $[M+H-H_2]^+$ $[M+H-NH_3]^+$ [M+H]⁺ Carboxylic acids- $\overline{\square}$ [M+K]⁺ $\prod [M+Na+H_2]^+$ $[M+Na+Matrix]^+$ Carbohydrates- \square [M+Na]⁺ [M]+ Amino acids, peptides, and analoguesnan

