Figure 1. Vinasse, bioethanol wastewater, and biodiesel wastewater globally generation forecast for 2024 according to OECD/FAO (1,2) and their composition. (Estimative of volumetric production per year – vinasse production = 10 x bioethanol production, biodiesel wastewater = biodiesel / 10; Vinasse composition - Sugar: sucrose, glucose, fructose, arabinose, cellulose; salts: phosphate, nitrate, ammonium; Acids: acetate, citrate, oxalate, formiate; Alcohol: glycerol, ethanol. Biodiesel wastewater composition – Alcohol: glycerol) Source: owned by authors
