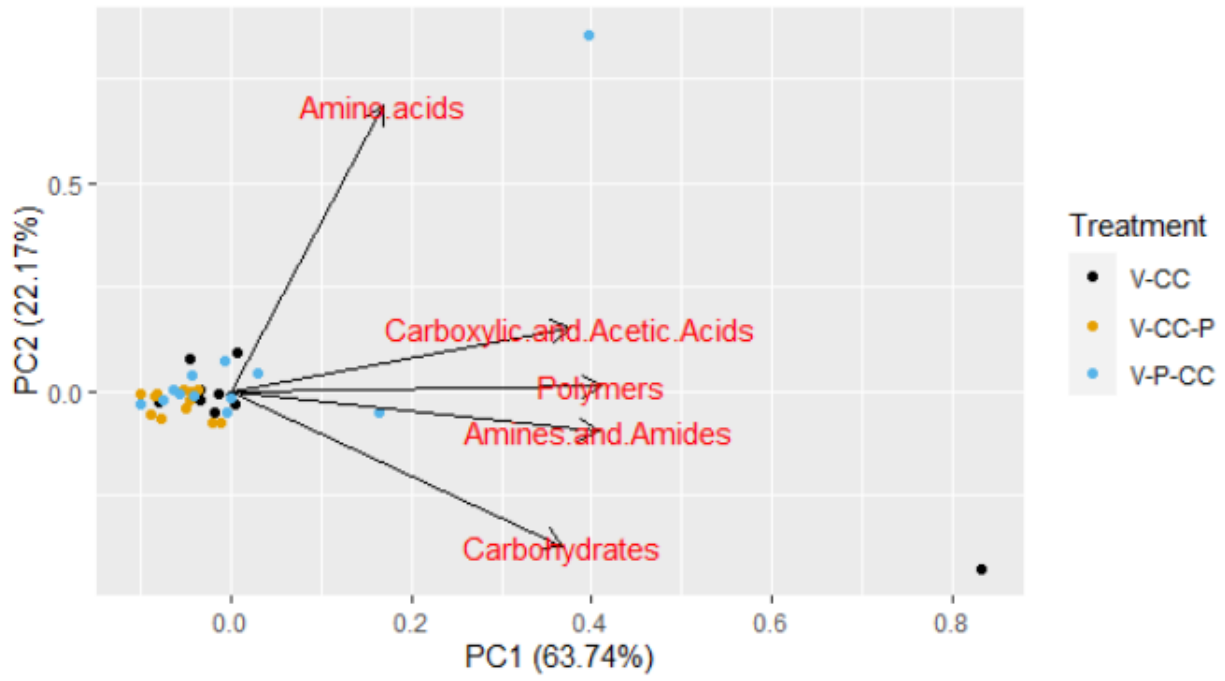
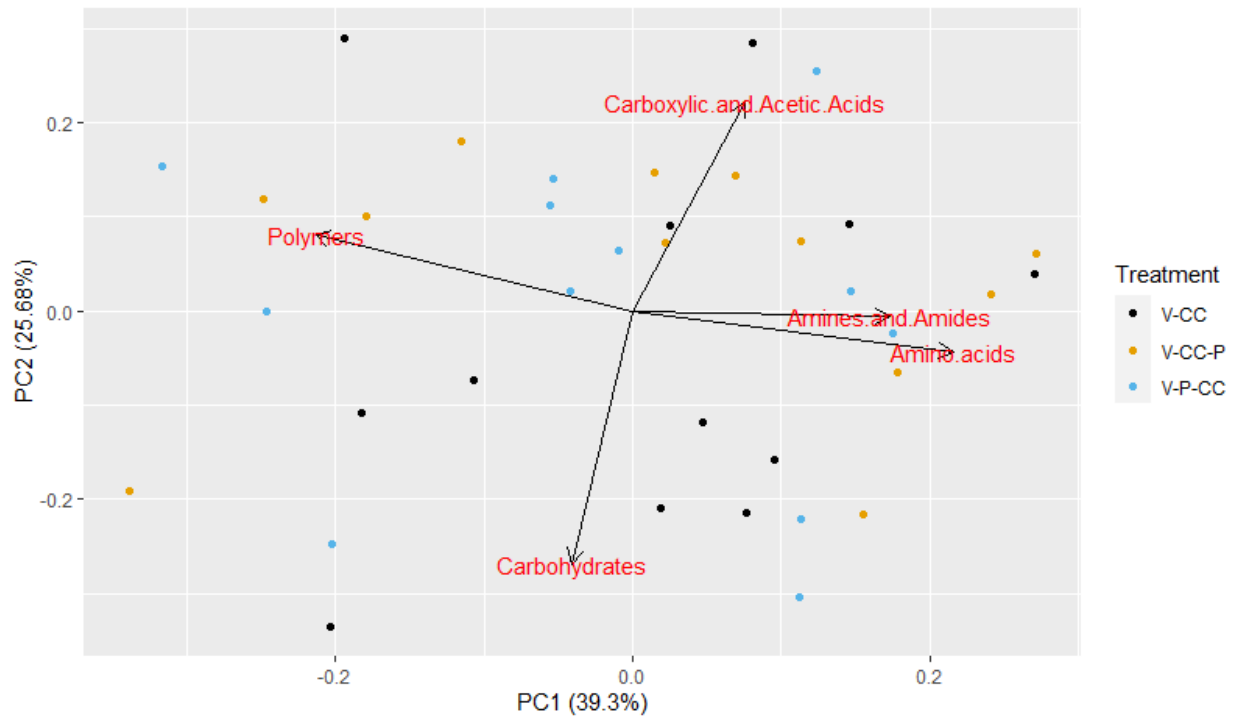


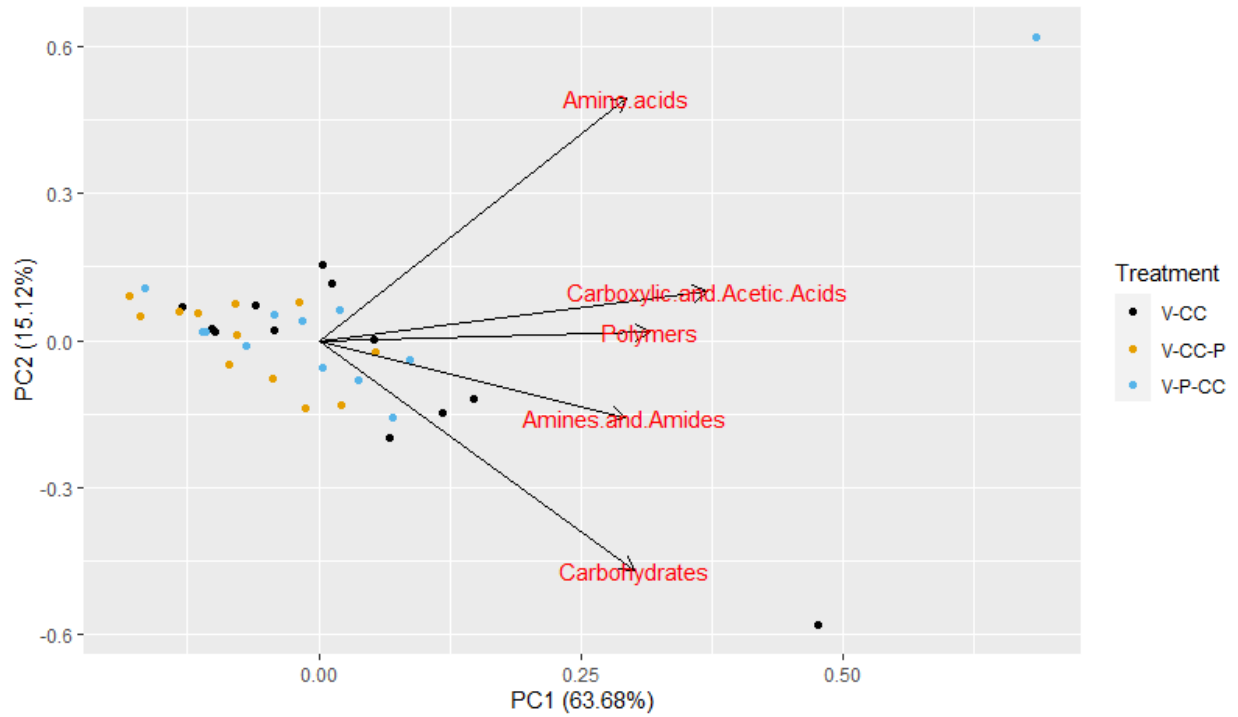
A



B



C



**Figure 7.** Principal component analysis of absorbance data from Biolog-EcoPlate™ in 2017 (A), 2018 (B), and 2019 (C). Treatments included Vegetable chicken cover crop (V-P-CC), vegetable cover crop chicken (V-CC-P), and vegetable cover crop (V-CC). Loading variables explaining variation based on crop rotations with and without chickens. Treatment scatter plot on PC1 and PC2 axis and loading variables on PC1 and PC2 axis.