



Figure 6. Principal component analysis of substrate utilization pattern from different cropland grown system. VGS-Vegetable grown system, PGS-pulse grown system, PoGS-Potato grown system, WGS-wheat grown system, MGS-mustard grown system. Carbon substrate variables were glutamic acid, proline, methionine, isoleucine, glucose, arabinose, dextrose, fructose, gelatin, caseine, CMC, glycerol, urea, citric acid, lactic acid, succinic acid, potassium nitrate, nathalene, anthracene, benzene, toluene, xylene, flourene, DNP, lead acetate, sodium nitrate.