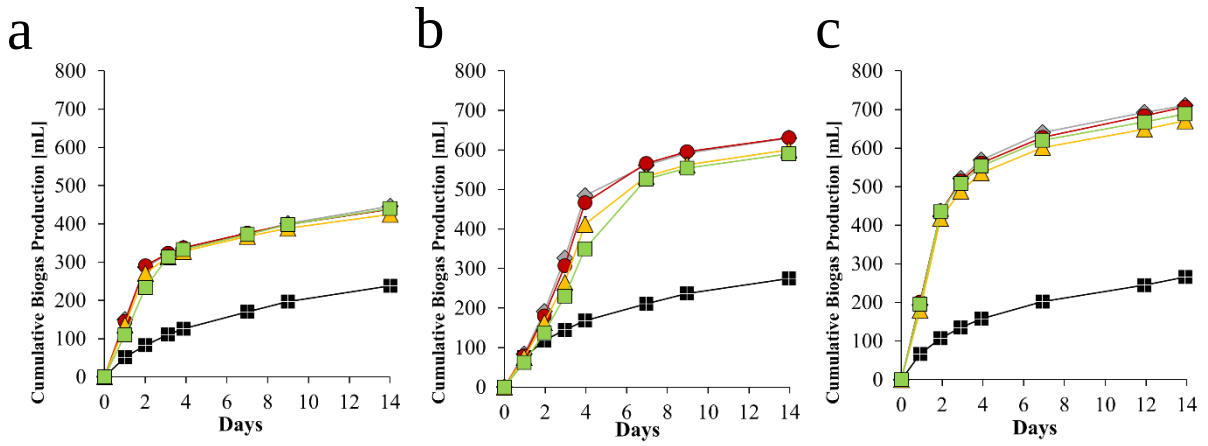

Figure 1:Cumulative biogas produced for acetate (a), propionate(b) and butyrate (c) over the time of the experiment. The conditions consist of control with no volatile organic acid (■), volatile organic acid control (◆), volatile organic acid and 500 mg/L of ammonia (●), volatile organic acid and 1000 mg/L of ammonia (▲), and volatile organic acid and 1500 mg/L of ammonia (■). Error bars represent 95% confidence intervals

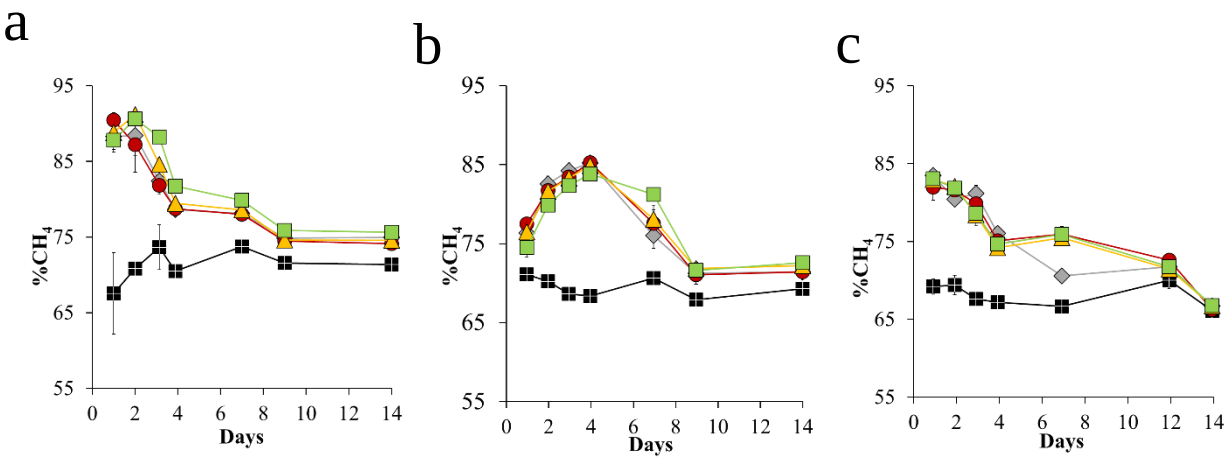

Figure 2: Methane composition for acetate (a), propionate(b) and butyrate (c) over the time of the experiment. The conditions consist of control with no volatile organic acid (■), volatile organic acid control (◆), volatile organic acid and 500 mg/L of ammonia (●), volatile organic acid and 1000 mg/L of ammonia (▲), and volatile organic acid and 1500 mg/L of ammonia (■). Error bars represent 95% confidence intervals

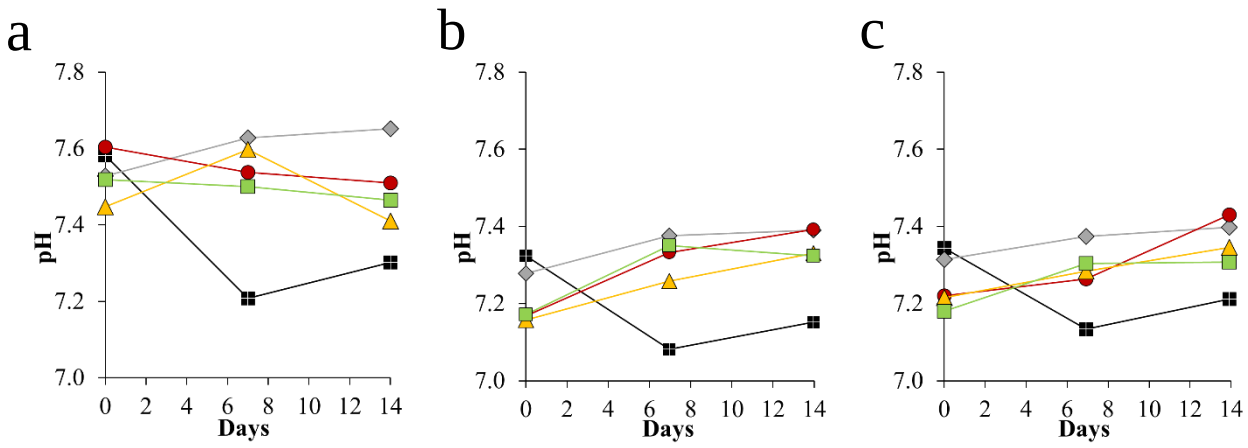

Figure 3 pH for acetate (a), propionate(b) and butyrate (c) over the time of the experiment. The conditions consist of control with no volatile organic acid (■), volatile organic acid control (◆), volatile organic acid and 500 mg/L of ammonia (●), volatile organic acid and 1000 mg/L of ammonia (▲), and volatile organic acid and 1500 mg/L of ammonia (■). Error bars represent 95% confidence intervals.

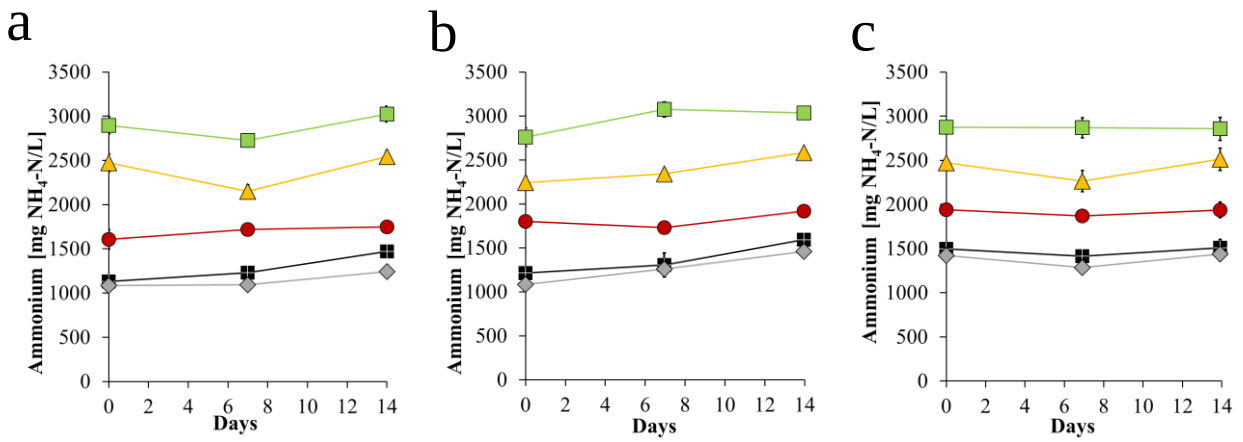

Figure 2 Ammonium concentrations for acetate (a), propionate(b) and butyrate (c) over the time of the experiment. The conditions consist of control with no volatile organic acid (■), volatile organic acid control (◆), volatile organic acid and 500 mg/L of ammonia (●), volatile organic acid and 1000 mg/L of ammonia (▲), and volatile organic acid and 1500 mg/L of ammonia (■). Error bars represent 95% confidence intervals.