

Slide#6

$$TS = \frac{(53.5794 - 54.5433) \text{ g} \times 10^3 \text{ mg/g}}{0.05 \text{ L}} = 722 \text{ mg/L}$$

$$TVS = \frac{(53.5794 - 54.5625) \text{ g} \times 10^3 \text{ mg/g}}{0.05 \text{ L}} = 338 \text{ mg/L}$$

$$TSS = \frac{(1.5554 - 1.5433) \text{ g} \times 10^3 \text{ mg/g}}{0.05 \text{ L}} = 242 \text{ mg/L}$$

$$VSS = \frac{(1.5554 - 1.5476) \text{ g} \times 10^3 \text{ mg/g}}{0.05 \text{ L}} = 156 \text{ mg/L}$$

$$TDS = TS - TSS = 722 - 242 = 480 \text{ mg/L}$$

$$VDS = TDS - VSS = 480 - 156 = 324 \text{ mg/L}$$