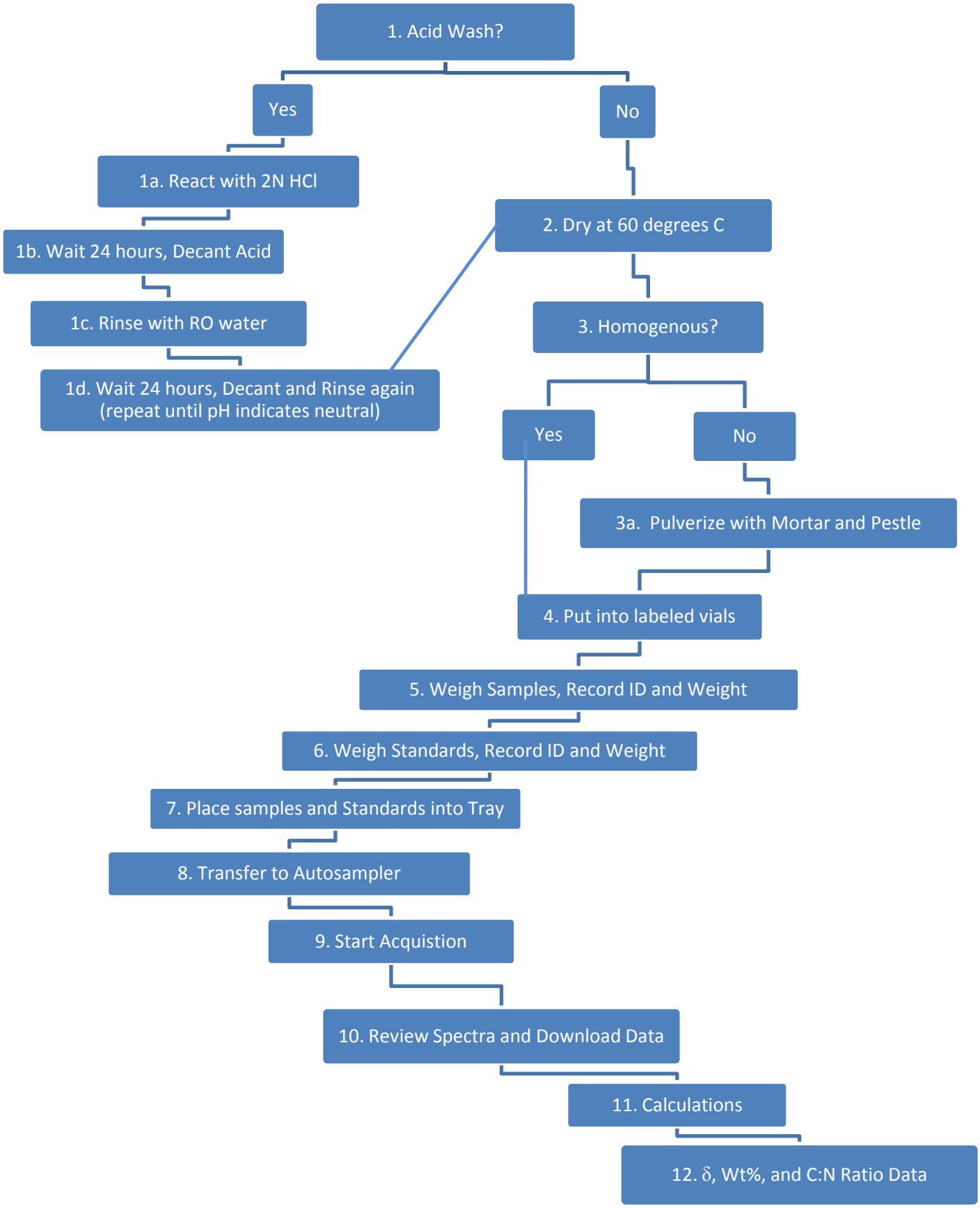
1. Acid Wash?
Yes
No
1a. React with 2N HCl
1b. Wait 24 hours, Decant Acid
1c. Rinse with RO water
1d. Wait 24 hours, Decant and Rinse again (repeat until pH indicates neutral)
2. Dry at 60 degrees C
3. Homogenous?
Yes
No
3a. Pulverize with Mortar and Pestle
4. Put into labeled vials
5. Weigh Samples, Record ID and Weight
6. Weigh Standards, Record ID and Weight
7. Place samples and Standards into Tray
8. Transfer to Autosampler
9. Start Acquistion
10. Review Spectra and Download Data
11. Calculations
12. δ, Wt%, and C:N Ratio Data