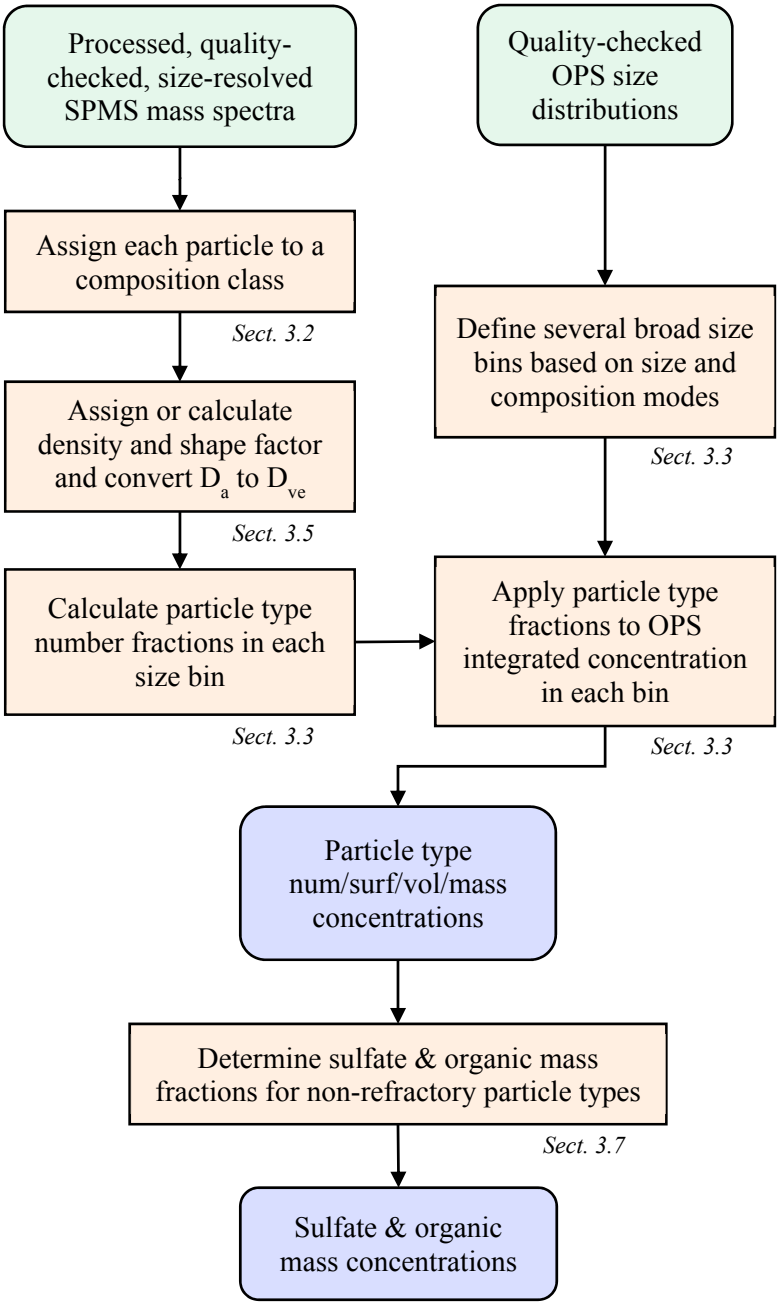
Processed, quality-checked, size-resolved SPMS mass spectra
Quality-checked OPS size distributions
Assign each particle to a composition class
Sect. 3.2
Define several broad size bins based on size and composition modes
Sect. 3.3
Assign or calculate density and shape factor and convert D_a to D_{ve}
Sect. 3.5
Calculate particle type number fractions in each size bin
Sect. 3.3
Apply particle type fractions to OPS integrated concentration in each bin
Sect. 3.3
Particle type num/surf/vol/mass concentrations
Determine sulfate & organic mass fractions for non-refractory particle types
Sect. 3.7
Sulfate & organic mass concentrations