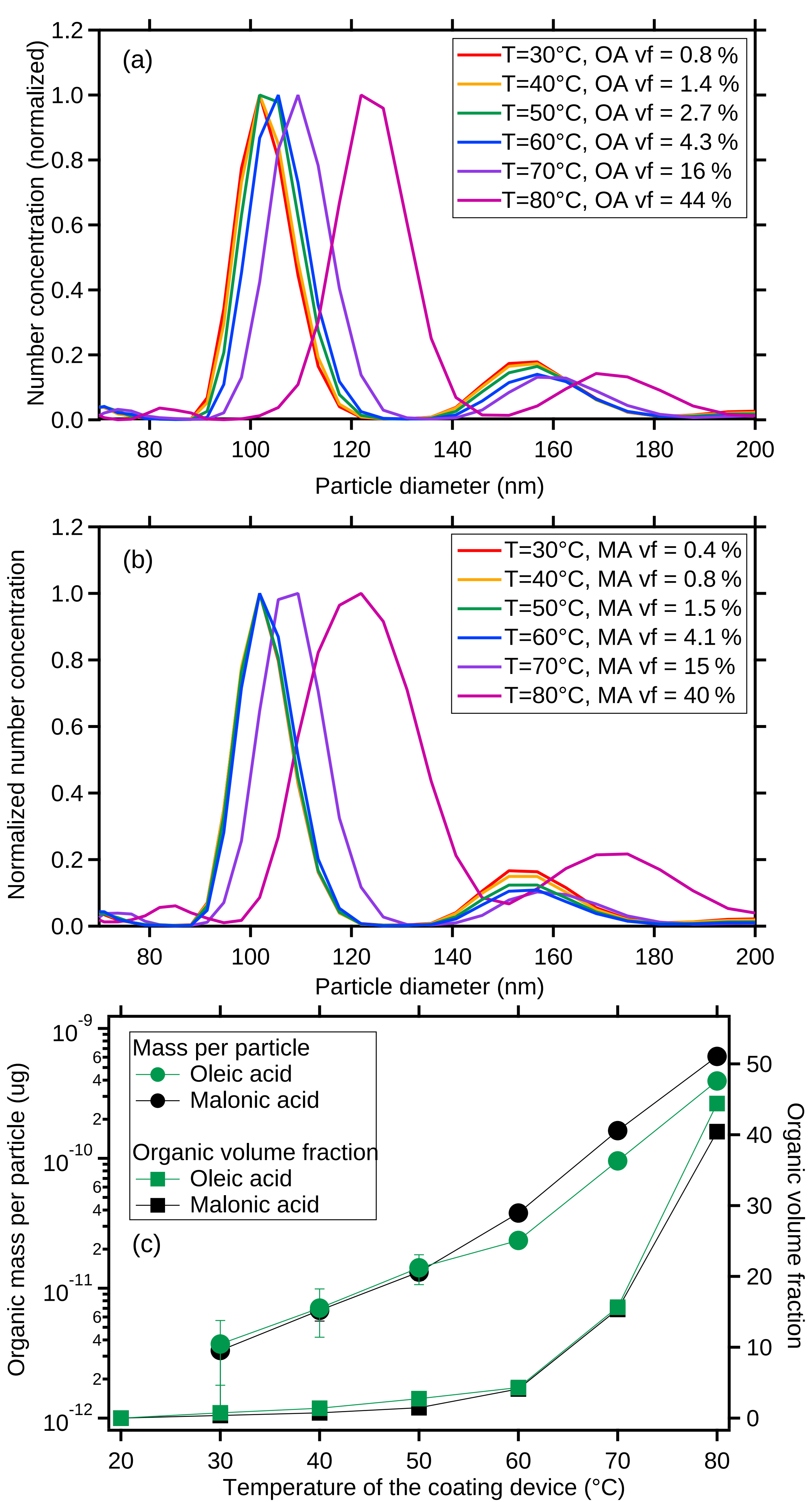
(a)
T=30°C, OA vf = 0.8 %
T=40°C, OA vf = 1.4 %
T=50°C, OA vf = 2.7 %
T=60°C, OA vf = 4.3 %
T=70°C, OA vf = 16 %
T=80°C, OA vf = 44 %
Number concentration (normalized)
Particle diameter (nm)
(b)
T=30°C, MA vf = 0.4 %
T=40°C, MA vf = 0.8 %
T=50°C, MA vf = 1.5 %
T=60°C, MA vf = 4.1 %
T=70°C, MA vf = 15 %
T=80°C, MA vf = 40 %
Normalized number concentration
Particle diameter (nm)
Mass per particle
Oleic acid
Malonic acid
Organic volume fraction
Oleic acid
Malonic acid
(c)
Organic mass per particle (ug)
Organic volume fraction
Temperature of the coating device (°C)