<table>
<thead>
<tr>
<th>Simulation set</th>
<th>Compounds</th>
<th>Vapor concentrations (cm(^{-3}))</th>
<th>Conditions</th>
</tr>
</thead>
</table>
| 1             | SA–DMA ORG, \(p_{\text{sat}} = 10^{-12} \ldots 10^{-6}\) Pa | \(C_{\text{SA}} = 10^6\)  
\(C_{\text{ORG}} = 10^4 \ldots 10^{10}\) | constant \(C_{\text{SA}}\) and \(C_{\text{ORG}}\) chamber experiment losses (Eq. 4) |
| 2             | SA–DMA LVOC or ELVOC | \(C_{\text{SA}} = 10^7\)  
\(C_{\text{ORG}} = 10^7 \ldots 10^{10}\) | constant \(C_{\text{SA}}\) and \(C_{\text{ORG}}\) chamber experiment losses (Eq. 4) |
| 3             | SA–NH\(_3\) LVOC | \(C_{\text{SA}} = 10^6\)  
\(C_{\text{ORG}} = 10^6 \ldots 10^9\) | constant \(C_{\text{SA}}\) and \(C_{\text{ORG}}\) chamber experiment losses (Eq. 4) |
| 4             | SA–DMA LVOC\(_{\text{large}}\) | \(C_{\text{SA}} = 10^6\)  
\(C_{\text{ORG}} = 10^6 \ldots 10^9\) | constant \(C_{\text{SA}}\) and \(C_{\text{ORG}}\) chamber experiment losses (Eq. 4) |
| 5             | SA–DMA LVOC | \(C_{\text{SA, max}} = 10^6\)  
\(C_{\text{ORG, max}} = 5 \times 10^6, 10^7\) | varying \(C_{\text{SA}}\) and \(C_{\text{ORG}}\), background particle losses (Eq. 5) |