

	Temperature	C_{Oa}	[OH]	[O ₃]	[NO ₃]	Reactivity of the precursor	Photolysis
	(K)	($\mu\text{g m}^{-3}$)	(ppt)	(ppb)	(ppt)		(θ in °)
OH chemistry	270	0.1	Induced by the conditions	40.0	Induced by the conditions	With OH only	No photolysis reaction for SOCs $\theta = 50^\circ$
		1.0					
		10.0					
		0.1					
		1.0					
298	10.0						
O ₃ chemistry	298	1.0	Induced by the conditions	10.0	Induced by the conditions	With O ₃ only	No photolysis reaction for SOCs $\theta = 50^\circ$
				40.0			
				70.0			
NO ₃ chemistry	298	1.0	Induced by the conditions	40.0	0.04 (only for terpenes)	With NO ₃ only	No photolysis reaction for SOCs $\theta = 50^\circ$
					0.4		
					40.0 (only for n-alkenes)		
Photolysis	298	1.0	Induced by the conditions	40.0	Induced by the conditions	With OH, O ₃ and NO ₃	$\theta = 30^\circ$
							$\theta = 50^\circ$
							$\theta = 70^\circ$