

Exposure in eq. age, days (OH conc., $\text{cm}^{-3}$ )	MT ( $\mu\text{g m}^{-3}$ )	Isoprene ( $\mu\text{g m}^{-3}$ )	SO <sub>2</sub> (ppb)	S/IVOC ( $\mu\text{g m}^{-3}$ )	Total mass ( $\mu\text{g m}^{-3}$ )	OA / total mass ratio	Temperature (K)	RH (%)
BEACHON-RoMBAS								
0.090 ( $8.7 \times 10^7$ )	<b>9.09</b>	n/a	0.02	8.09	3.22	0.85	284	92
0.098 ( $9.5 \times 10^7$ )	8.97	n/a	0.029	2.89	2.47	0.8	282	82
0.16 ( $1.5 \times 10^8$ )	8.94	n/a	<b>0.029</b>	<b>10</b>	1.52	0.79	290	73
0.23 ( $2.2 \times 10^8$ )	<b>9.09</b>	n/a	<b>0.029</b>	9.3	3.4	0.84	288	91
0.27 ( $2.6 \times 10^8$ )	9.09	n/a	0.029	<b>10</b>	1.6	0.79	289	84
0.77 ( $7.4 \times 10^8$ )	<b>3.6</b>	n/a	<b>0.029</b>	6.9	2.24	0.9	286	94
0.82 ( $7.9 \times 10^8$ )	<b>9.09</b>	n/a	<b>0.079</b>	14.02	3.17	0.85	286	91
0.91 ( $8.8 \times 10^8$ )	<b>9.09</b>	n/a	0.029	10.85	3.66	0.86	287	92
GoAmazon2014/5								
0.39 ( $2.6 \times 10^8$ )	0.56	0.86	0.14	0.40*	4.85	0.88	296	102
0.40 ( $3 \times 10^8$ )	0.42	0.90	0.06	0.30*	4.94	0.88	296	101
0.51 ( $3.9 \times 10^8$ )	0.68	1.34	<b>0.11</b>	0.49*	8.7	0.81	297	99
0.53 ( $4 \times 10^8$ )	0.87	1.17	<b>0.11</b>	0.62*	8.17	0.8	297	99