No.	Reaction	Δ^{17}O of product		Reference
		Expression	Value (‰)[a]	
R1	$NO + O_3 \rightarrow NO_2 + O_2$	$\Delta^{17}O(NO_2) = 1.18 \times \Delta^{17}O(O_3) + 6.6‰$	37	Savarino et al. (2008)
R2	$NO + HO_2/RO_2 \rightarrow NO_2 + OH/RO$	$\Delta^{17}O(NO_2) = 0.0$	0.0	Sofen et al. (2014)
R4	$NO_2 + O_3 \rightarrow NO_3 + O_2$	$\Delta^{17}O(NO_3) = \frac{2}{3}\Delta^{17}O(NO_2) + \frac{1}{3}(1.23 \times \Delta^{17}O(O_3) + 9.0‰)$	$25\alpha + 14$	Berhanu et al. (2012)
R5	$NO_2 + NO_3 \rightarrow N_2O_5$	$\Delta^{17}O(N_2O_5) = \frac{2}{5}\Delta^{17}O(NO_2) + \frac{3}{5}\Delta^{17}O(NO_3)$	$30\alpha + 8$	Sofen et al. (2014)
R6	$NO_2 + OH \rightarrow HNO_3$	$\Delta^{17}O(NO_3^-) = \frac{2}{3}\Delta^{17}O(NO_2)$	25α	Sofen et al. (2014)
R7	$2NO_2 + H_2O \rightarrow HNO_3 + HNO_2$	$\Delta^{17}O(NO_3^-) = \frac{2}{3}\Delta^{17}O(NO_2)$	25α	[b]
R8	$NO_3 + HC \rightarrow HNO_3 +$ products	$\Delta^{17}O(NO_3^-) = \Delta^{17}O(NO_3)$	$25\alpha + 14$	Sofen et al. (2014)
R9	$N_2O_5 + H_2O \rightarrow 2HNO_3$	$\Delta^{17}O(NO_3^-) = \frac{5}{6}\Delta^{17}O(N_2O_5)$	$25\alpha + 7$	Sofen et al. (2014)
R10	$N_2O_5 + Cl^- \rightarrow HNO_3 + ClNO_2$	$\Delta^{17}O(NO_3^-) = \Delta^{17}O(NO_3)$	$25\alpha + 14$	[c]