

Ion, $m/z$	Chem. formula	Assignment	Denotation	$k_{\text{H}_3\text{O}^+}^{\text{a}}$ $\text{cm}^3 \text{s}^{-1}$	$k_{\text{OH}^{\text{b}}}$ $\text{cm}^3 \text{molec}^{-1} \text{s}^{-1}$
79	$[\text{C}_6\text{H}_6 + \text{H}]^+$	benzene	BENZ	$1.93 \times 10^{-9}$	$1.22 \times 10^{-12}$
93	$[\text{C}_7\text{H}_8 + \text{H}]^+$	toluene	TOL	$2.08 \times 10^{-9}$	$5.63 \times 10^{-12}$
107	$[\text{C}_8\text{H}_{10} + \text{H}]^+$	<i>o-/m-/p</i> -xylene, ethylbenzene	XYL/EBENZ	$2.26 \times 10^{-9}$	$(7-23) \times 10^{-12}$
121	$[\text{C}_8\text{H}_{12} + \text{H}]^+$	C <sub>3</sub> -alkyl-benzenes	C3BENZ	$2.39 \times 10^{-9}$	$(6-57) \times 10^{-12}$
135	$[\text{C}_{10}\text{H}_{14} + \text{H}]^+$	C <sub>4</sub> -alkyl-benzenes	C4BENZ	$2.50 \times 10^{-9}$	$(5-15) \times 10^{-12}$
129	$[\text{C}_{10}\text{H}_8 + \text{H}]^+$	naphthalene	NAPH	$2.45 \times 10^{-9}$	$23 \times 10^{-12}$
105	$[\text{C}_8\text{H}_8 + \text{H}]^+$	styrene	STY	$2.27 \times 10^{-9}$	$28 \times 10^{-12}$
119	$[\text{C}_9\text{H}_{10} + \text{H}]^+$	methyl-styrene	C1STY	$2.00 \times 10^{-9}$	$(51-57) \times 10^{-12}$
41	$[\text{C}_3\text{H}_5]^+$	HC fragment	–	$2.00 \times 10^{-9}$	n.a.
43	$[\text{C}_3\text{H}_7]^+$	HC fragment	–	$2.00 \times 10^{-9}$	n.a.
57	$[\text{C}_4\text{H}_9]^+$	HC fragment	–	$2.00 \times 10^{-9}$	n.a.