

Aerosol type				Broad categories			
Negative		Positive		Negative		Positive	
Ion	Feature	Ion	Feature	Ion	Feature	Ion	Feature
35	$^{35}\text{Cl}^-$	23	Na^+	35	$^{35}\text{Cl}^-$	23	Na^+
25	C_2H^-	59	$\text{Co}^{+(1)}/\text{CaF}^+/\text{C}_2\text{H}_2\text{OOH}^+$	26	$\text{CN}^-/\text{C}_2\text{H}_2^-$	59	$\text{Co}^{+(1)}/\text{CaF}^+/\text{C}_2\text{H}_2\text{OOH}^+$
24	C_2^-	39	$^{39}\text{K}^+$	46	NO_2^-	44	$\text{SiO}^+/\text{COO}^+/\text{}^{44}\text{Ca}^+/\text{AlOH}^+$
57	C_2OOH^-	12	C^+	1	H^-	39	$^{39}\text{K}^+$
59	$\text{C}_2\text{H}_2\text{OOH}^-/\text{AlO}_2^-$	24	C_2^+	57	C_2OOH^-	28	Si^+/CO^+
43	$\text{HCN}^-/\text{AlO}^-$	41	$^{41}\text{K}^+/\text{C}_3\text{H}_5^+$	59	$\text{C}_2\text{H}_2\text{OOH}^-/\text{AlO}_2^-$	41	$^{41}\text{K}^+/\text{C}_3\text{H}_5^+$
1	H^-	204–208	Pb region (^{204}Pb , ^{206}Pb , ^{207}Pb and ^{208}Pb)	45	COOH^-	54	$^{54}\text{Fe}^+$
26	$\text{CN}^-/\text{C}_2\text{H}_2^-$	27	$\text{Al}^+/\text{C}_2\text{H}_3^+$	42	$\text{CNO}^-/\text{C}_2\text{H}_2\text{O}^-$	56	Fe^+/CaO^+
46	NO_2^-	44	$\text{SiO}^+/\text{COO}^+/\text{}^{44}\text{Ca}^+/\text{AlOH}^+$	43	$\text{HCN}^-/\text{AlO}^-$	27	$\text{Al}^+/\text{C}_2\text{H}_3^+$
16	O^-	57	$^{57}\text{Fe}^+/\text{CaOH}^+/\text{C}_3\text{H}_4\text{OH}^+$	16	O^-	45	$\text{SiOH}^+/\text{COOH}^+$
17	OH^-	n/a	Aerodynamic diameter	73	$\text{C}_2\text{O}_3\text{H}^-/\text{C}_3\text{H}_2\text{OOH}_3^-$	66	Zn^+
61	$\text{SiO}_2\text{H}^-/\text{}^{29}\text{SiO}_2^-/\text{C}_5\text{H}^-/\text{CHO}_3^-$	83	$\text{H}_3\text{SO}_3^+/\text{C}_4\text{H}_2\text{OOH}^+$	63	PO_2^-	57	$^{57}\text{Fe}^+/\text{CaOH}^+/\text{C}_3\text{H}_4\text{OH}^+$
63	PO_2^-	87	$^{87}\text{Rb}^+/\text{CaPO}^+$	60	$\text{SiO}_2^-/\text{C}_5^-/\text{CO}_3^-/\text{AlO}_2\text{H}^-$	87	$^{87}\text{Rb}^+/\text{CaPO}^+$
19	$\text{F}^-/\text{H}_3\text{O}^-$	13	CH^+	15	$\text{NH}^-/\text{CH}_3^-$	85	$^{85}\text{Rb}^+$
76	SiO_3^-	66	Zn^+	24	C_2^-	83	$\text{H}_3\text{SO}_3^+/\text{C}_4\text{H}_2\text{OOH}^+$
77	$\text{SiO}_3\text{H}^-/\text{}^{29}\text{SiO}_3^-$	28	Si^+/CO^+	76	SiO_3^-	24	C_2^+
79	PO_3^-	85	$^{85}\text{Rb}^+$	32	O_2^-	204–208	Pb region (^{204}Pb , ^{206}Pb , ^{207}Pb and ^{208}Pb)
60	$\text{SiO}_2^-/\text{C}_5^-/\text{CO}_3^-/\text{AlO}_2\text{H}^-$	72	$\text{FeO}^+/\text{CaO}_2^+$	n/a	Aerodynamic diameter	40	Ca^+
45	COOH^-	54	$^{54}\text{Fe}^+$	71	$\text{C}_3\text{H}_2\text{OOH}^-$	153	$^{137}\text{BaO}^+$
n/a	Aerodynamic diameter	82	ZnO^+	50	C_4H_2^-	n/a	Aerodynamic diameter