catalysts

Supplementary materials: Oxidative coupling of methane over Mn_2O_3-Na_2WO_4/SiC catalysts

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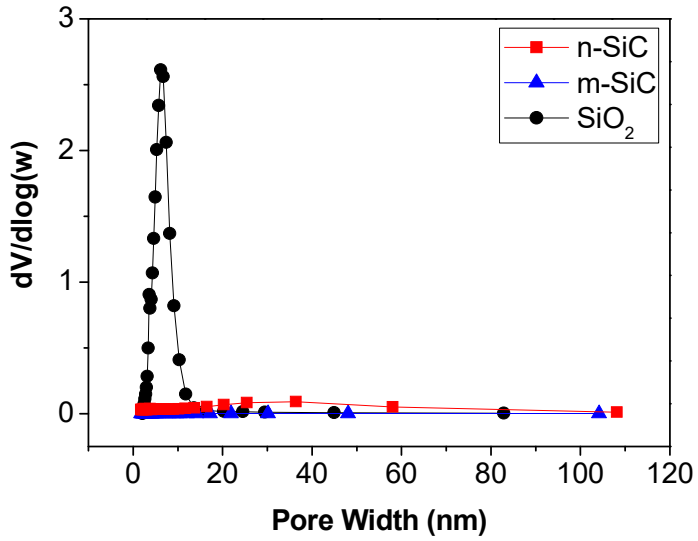
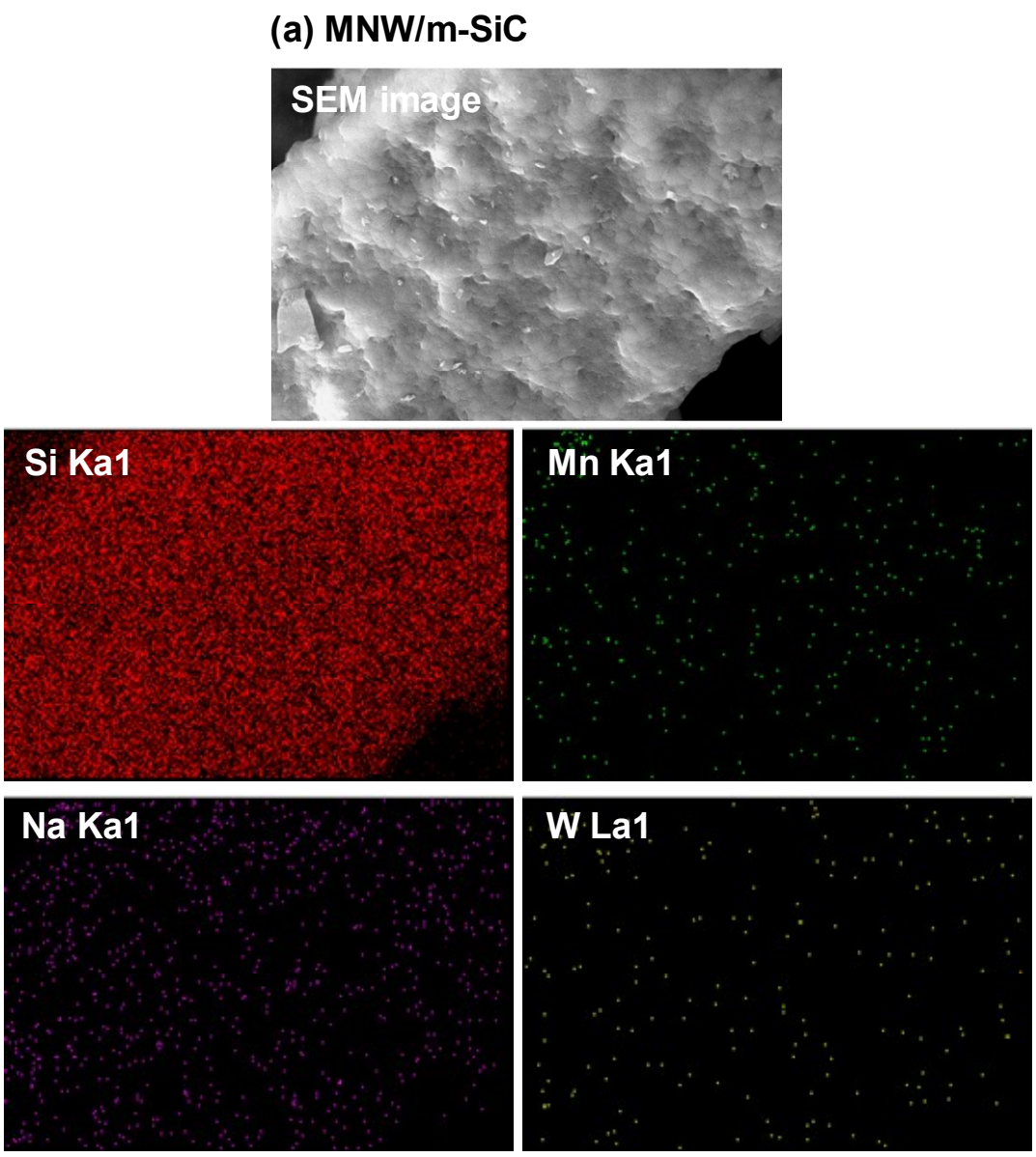
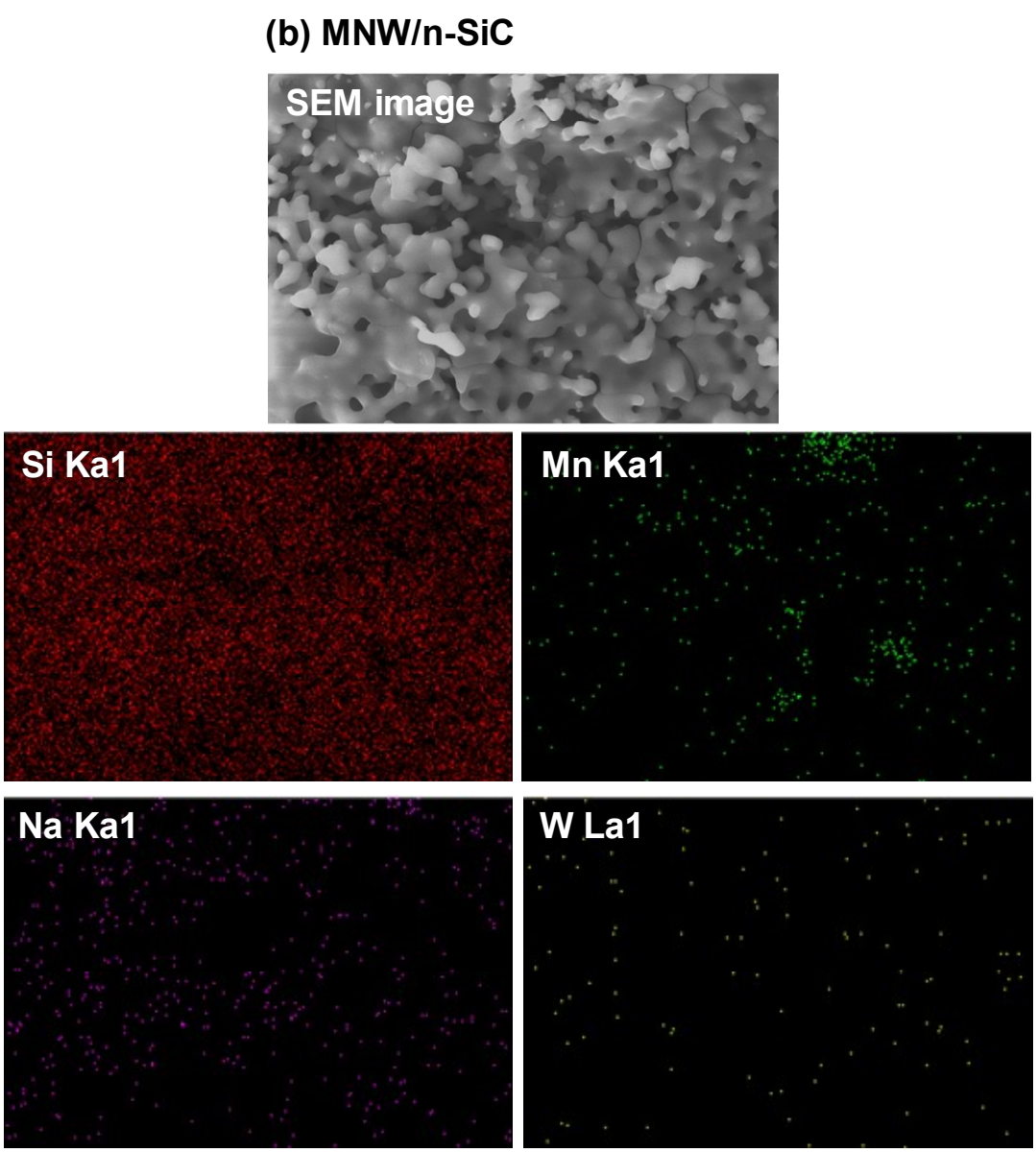


Figure S1. Pore size distribution of supports, such as n-SiC, m-SiC, and SiO_2.


(a) MNW/m-SiC
SEM image
Si Ka1
Mn Ka1
Na Ka1
W La1


(b) MNW/n-SiC
SEM image
Si Ka1
Mn Ka1
Na Ka1
W La1

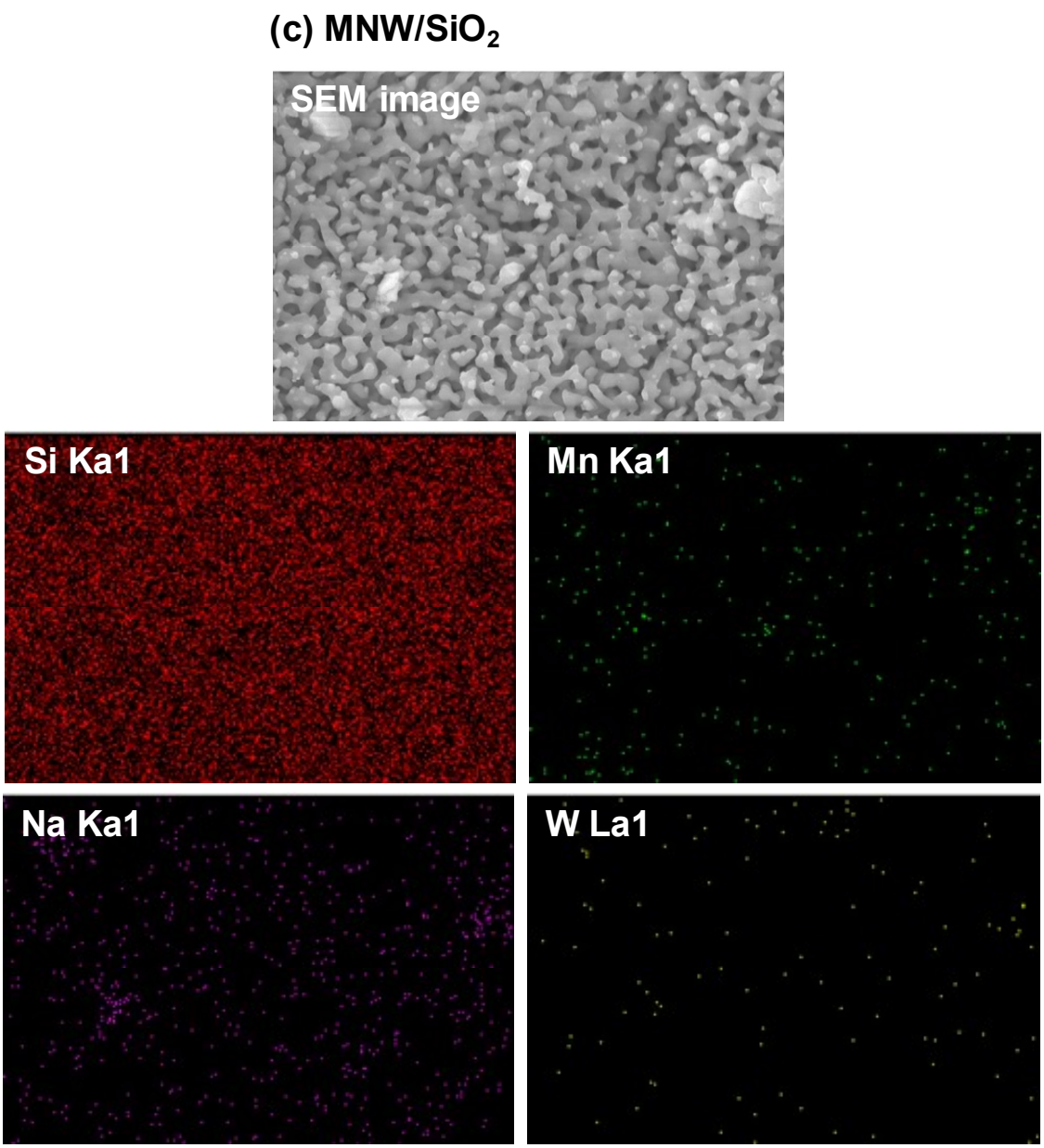


Figure S2. SEM-EDX mapping of (**a**) MNW/n-SiC, (**b**) MNW/m-SiC, and (**c**) MNW/SiO_2**.**

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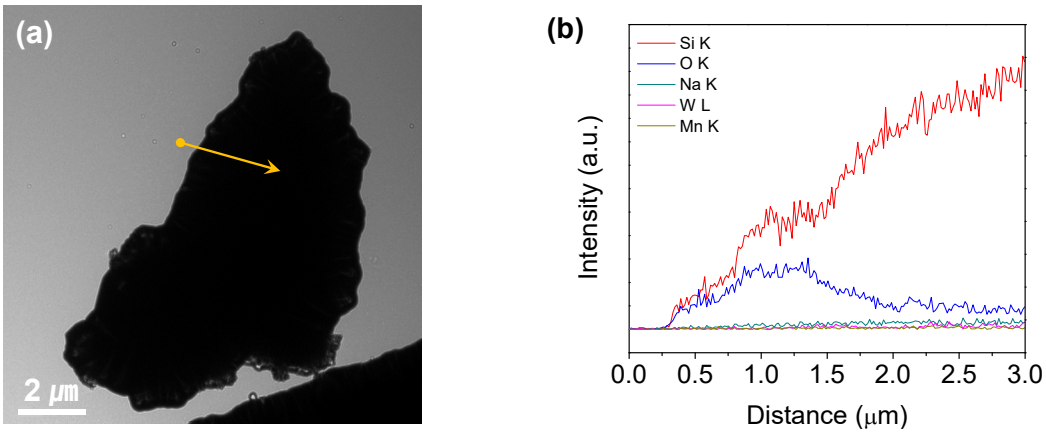

Figure S3. (**a**) TEM image and (**b**) TEM-EDX line concentration profiles for Si, O, Na, W, and Mn along a line drawn across the TEM of MNW/m-SiC.

Table S1. Specific surface area, average pore diameter, and pore volume of supported Mn_2O_3-Na_2WO_4 catalysts.

	Specific surface area (m^2g^{-1})	Average pore diameter (nm)	Total pore volume (cm^3g^{-1})
MNW/m-SiC	2	-	0.00
MNW/n-SiC	4	75.8	0.05
MNW/SiO_2	5	19.6	0.01