Electronic Supplementary Information (ESI)

Nanostructured molybdenum carbides supported on carbon nanotubes as efficient catalysts for one-step hydrodeoxygenation and isomerization of vegetable oils

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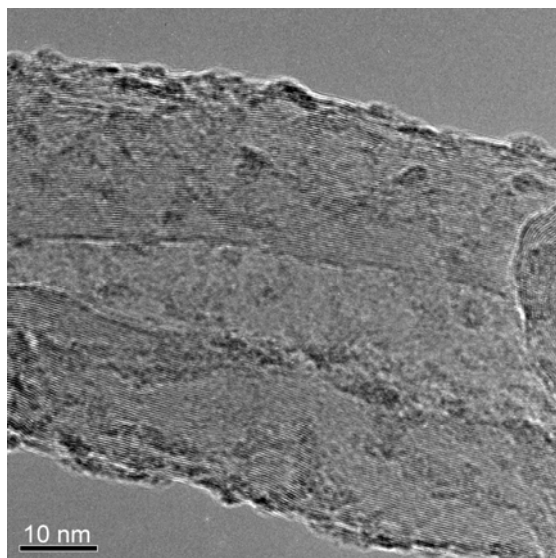## Table of contents

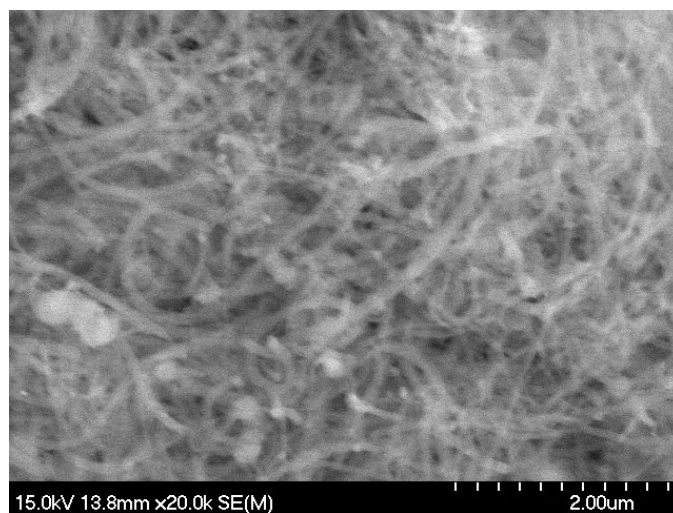**Fig. S1** Bright-field TEM image of prepared $Mo_2C/CNTs$ catalyst.

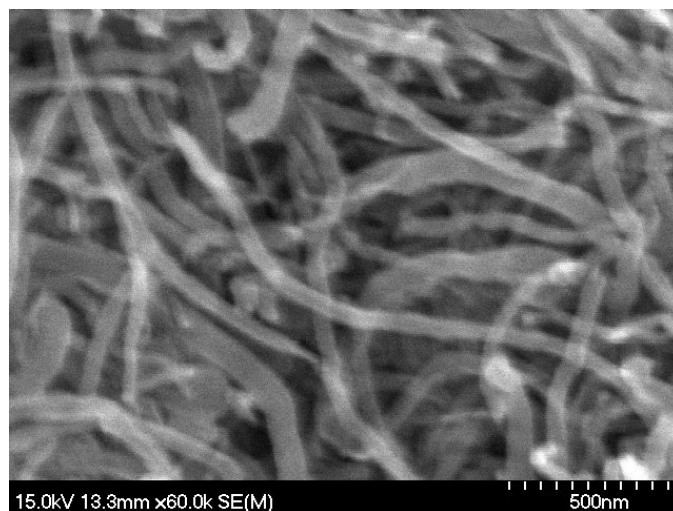**Fig. S2** SEM image of prepared 10% $Mo_2C/CNTs$ catalyst.

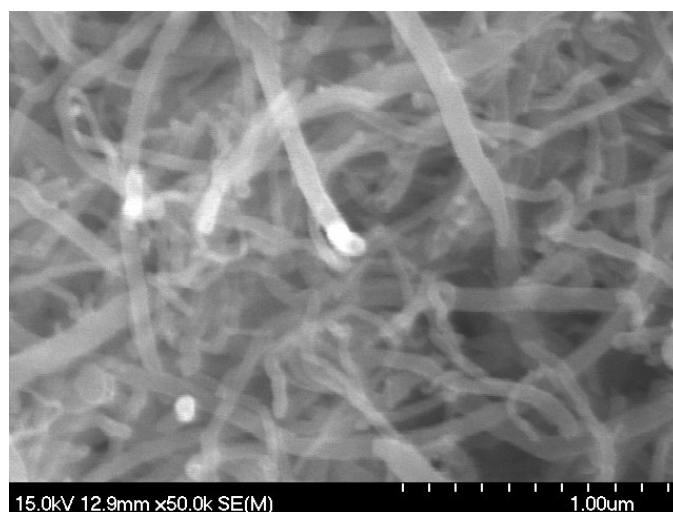**Fig. S3** SEM image of prepared 20%Mo$_2$C/CNTs catalyst.

Fig. S4 SEM image of prepared 40%Mo$_2$C/CNTs catalyst.

Table S1 Distribution of fatty acids in vegetable oils[a]

Fatty Acids	Linoleic	Linolenic	Oleic	Palmitic	Stearic	others
Maize Oil	55.9	1.2	28.4	10.8	1.8	1.9
Olive Oil	5.6	0.7	77.5	10.5	3.2	2.5
Rapeseed Oil	21.3	7.4	59.5	6.6	2.3	2.9
Soya Bean Oil	46.0	7.5	26.2	12.8	6.4	1.1
Sunflower Oil	62.7	0.3	24.3	6.3	5.6	0.8

[a] Vegetable oils were purchased from local supermarket.