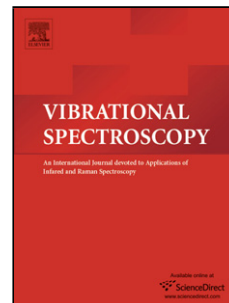


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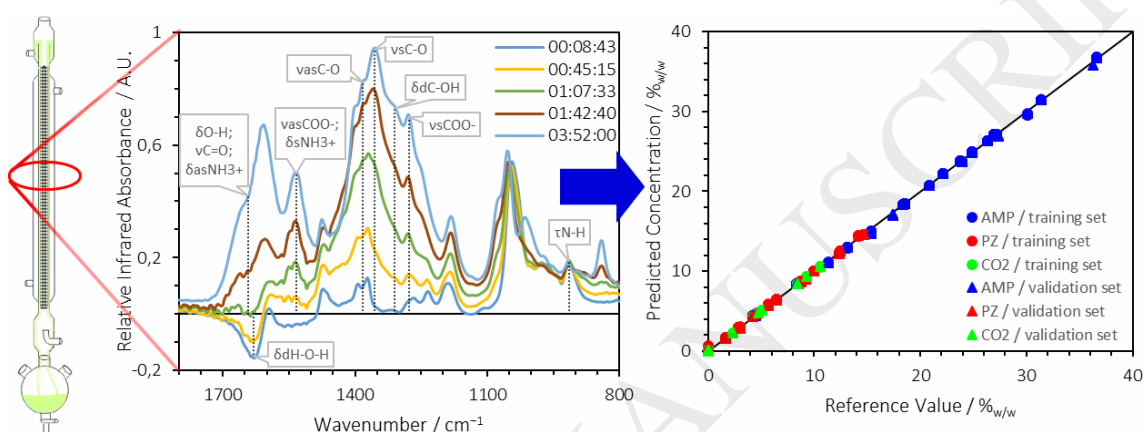
An FTIR Spectroscopic study and quantification of 2-amino-2-methyl-1-propanol, piperazine and absorbed carbon dioxide in concentrated aqueous solutions

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Graphical abstract



Highlights

FTIR spectroscopy adaptation to liquid monitoring in a CO₂ absorption-desorption process.

Simultaneous chemical quantification of AMP, PZ and CO₂ by FTIR spectroscopy.

This approach may be applied in on-line CO₂ post combustion capture process.

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