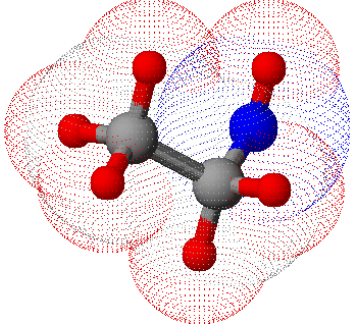
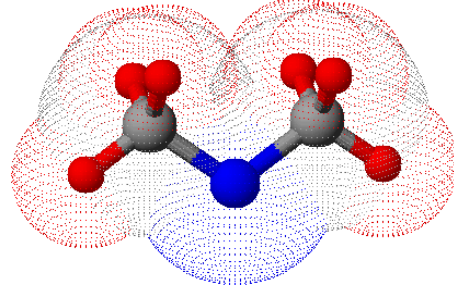
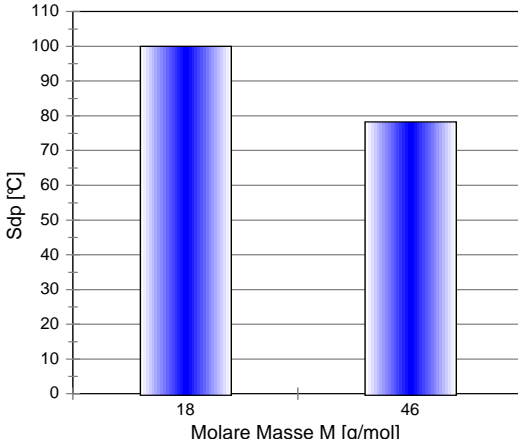
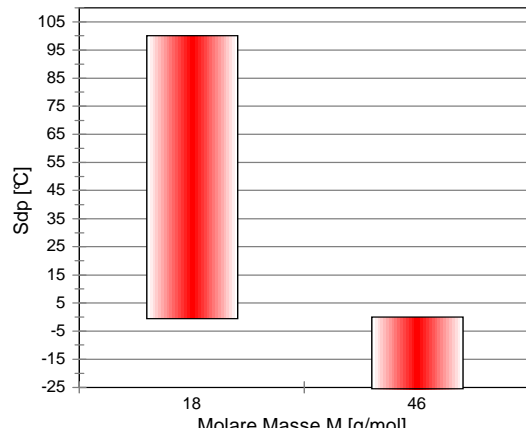


## C<sub>2</sub>H<sub>6</sub>O - eine Summenformel, zwei Isomere

Ethanol	Dimethylether																		
																			
$\begin{array}{c} \text{H}_3\text{C}-\text{C}-\text{OH} \\   \\ \text{H}_2 \end{array}$	$\begin{array}{c} \text{H}_3\text{C}-\text{O}-\text{CH}_3 \\ \diagdown \quad \diagup \\ \text{O} \end{array}$																		
<p><b>Vergleich Wasser-Ethanol</b></p>  <table border="1" style="margin: 5px auto; border-collapse: collapse;"> <caption>Data for Vergleich Wasser-Ethanol</caption> <thead> <tr> <th>Molare Masse M [g/mol]</th> <th>Sdp [°C]</th> <th>ϑ<sub>m</sub> [°C]</th> </tr> </thead> <tbody> <tr> <td>18</td> <td>100</td> <td>0</td> </tr> <tr> <td>46</td> <td>78,3</td> <td>-114,1</td> </tr> </tbody> </table>	Molare Masse M [g/mol]	Sdp [°C]	ϑ <sub>m</sub> [°C]	18	100	0	46	78,3	-114,1	<p><b>Vergleich Wasser-Ether</b></p>  <table border="1" style="margin: 5px auto; border-collapse: collapse;"> <caption>Data for Vergleich Wasser-Ether</caption> <thead> <tr> <th>Molare Masse M [g/mol]</th> <th>Sdp [°C]</th> <th>ϑ<sub>m</sub> [°C]</th> </tr> </thead> <tbody> <tr> <td>18</td> <td>100</td> <td>0</td> </tr> <tr> <td>46</td> <td>-24,9</td> <td>-141,5</td> </tr> </tbody> </table>	Molare Masse M [g/mol]	Sdp [°C]	ϑ <sub>m</sub> [°C]	18	100	0	46	-24,9	-141,5
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### Arbeitsauftrag:

Vergleiche **Ethanol** mit **Dimethylether**, stelle Gemeinsamkeiten und Unterschiede fest und begründe diese **schriftlich!**