Solution to through the looking-glass challenge

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The winner of the through the looking-glass challenge (published in volume 409, issue 25) is Wolfgang Robien, Institute of Organic Chemistry, University of Vienna, Vienna, Austria.

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Our congratulations!

Solution

Compound name:	(<i>R</i>)-(-)-Carvone and (<i>S</i>)-(+)-carvone
IUPAC name:	2-Methyl-5-(prop-1-en-2-yl)cyclohex-2-en-1-one
Molecular formula:	C ₁₀ H ₁₄ O
Molar mass:	150.22 g/mol

The substances sought are (*R*)-(-)-carvone and (*S*)-(+)-carvone:

This article is the solution to the Analytical Challenge to be found at <https://doi.org/10.1007/s00216-017-0539-8>

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