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products were four different
bromopropenes and hydrogen
bromide. Propylene as a minor product
was also observed by the concurrent
heterogeneous deb

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reactions of 1,2 ...**

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Gas-phase reactions of bis(η -5-cyclopentadienyl)methylzirconium¹⁺ with dihydrogen, ethylene, and propylene.

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Journal of the American Chemical
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Gas-phase reactions can be classified as intramolecular or intermolecular reactions. Intramolecular reactions involve decomposition of precursor molecules into activated species,

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which are later involved in the CVD process. Hydrogen elimination is an example of such a process: $(\text{CH}_3)_3\text{CAsH}_2(\text{g}) \rightarrow (\text{CH}_3)_2\text{C}=\text{CH}_2(\text{g}) + \text{AsH}_3(\text{g})$.

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which take place in engines burners
and
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Ethylene oxide, called oxirane by IUPAC, is an organic compound with the formula C_2H_4O . It is a cyclic

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ether and the simplest epoxide: a three-membered ring consisting of one oxygen atom and two carbon atoms. Ethylene oxide is a colorless and flammable gas with a faintly sweet odor. Because it is a strained ring, ethylene oxide easily participates in a number of addition reactions that ...

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mixture contained 1.20 mol C at a total pressure of 2.00 bar. Calculate (a) the mole fractions of each species at equilibrium $x_A=$, $x_B=$, $x_C=$, and $x_D=$.

Answered: In the gas-phase reaction $2A+B \rightleftharpoons 3C + \dots$ | bartleby
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horse heart cytochrome c and H, O
suggest that Coulombic effects can
lower ...

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have been studied in the gas phase over the temperature range 489–565 K. The primary reaction appears to occur via two parallel first-order homogeneous isomerizations to yield 5-methylbicyclo[2.2.1]hept-5-en-2-one and 2-methylhepta-1,3,6-trien-1-one.

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thermal reaction of CO₂ with a diatomic metal hydride species, FeH⁻. The FeH⁻ anions were produced by laser ablation, and the reaction with CO₂ was analyzed by mass spectrometry and quantum-chemical ...

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