

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

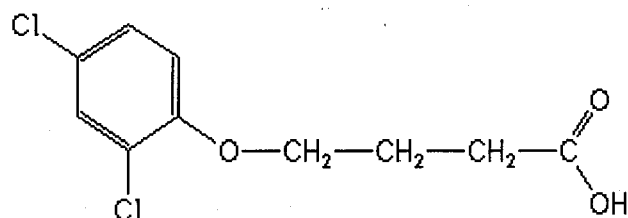
### Analyte: 2,4-DB

CAS No.: 94-82-6

Formula: C<sub>10</sub>H<sub>10</sub>Cl<sub>2</sub>O<sub>3</sub>

Molecular mass (lowest isotopes): 248,00 amu

Structure:



Ionisation: ESI -

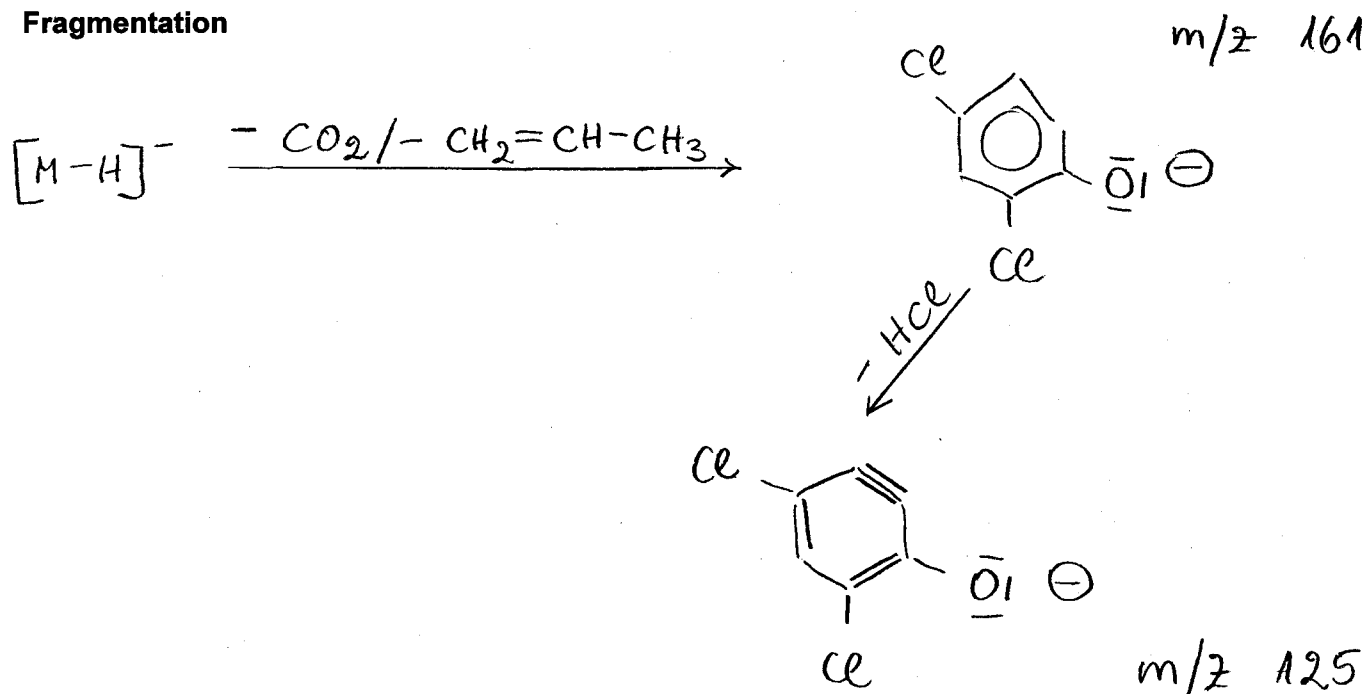
Quasimolecular ion: 247,0 amu = [M-H]<sup>-</sup>

Analyte sensitive parameter set (API 2000)

Transition	247,0 → 160,8	247,0 → 124,9
Declustering potential (DP) <sup>*)</sup>	64V	64 V
Focusing potential (FP)	-320 V	-340 V
Entrance potential (EP)	-10,5 V	-10 V
Collision cell entrance potential (CEP)	-22 V	-24 V
Collision energy (CE)	-12 V	-34 V
Collision cell exit potential (CXP)	-10 V	-10 V

<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation



Max. 1.5e8 cps

-Q1: 30 MCA scans from Sample 1 (TuneSample1.D) of MT20050808143046.wiff (Turbo Spray)

