

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

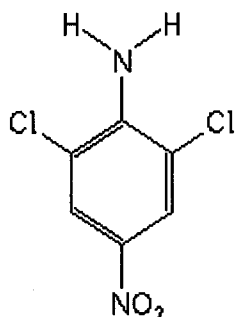
Analyte: Dicloran

CAS No.: 99-30-9

Formula: C₆H₄Cl₂N₂O₂

Molecular mass (lowest isotopes): 205,96 amu

Structure:



Ionisation: ESI -

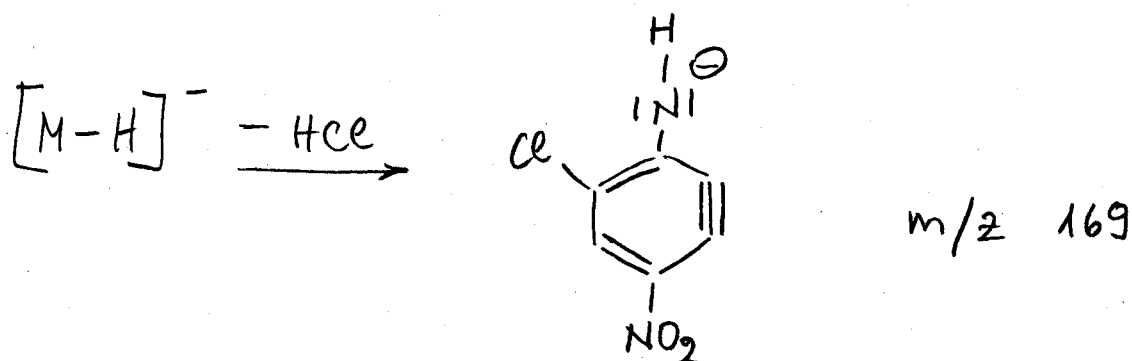
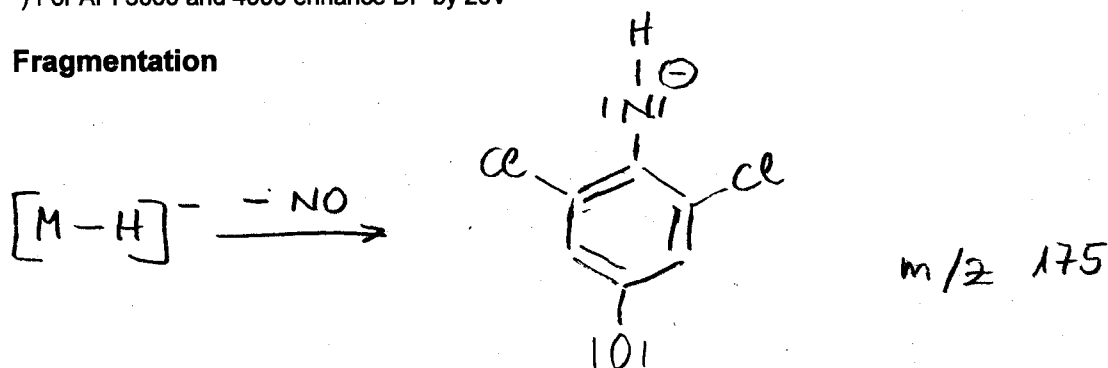
Quasimolecular ion: 205,0 amu = [M-H]⁻

Analyte sensitive parameter set (API 2000)

Transition	205,0 → 175,0	205,0 → 168,9
Declustering potential (DP) ^{*)}	-71V	-71 V
Focusing potential (FP)	-300 V	-260 V
Entrance potential (EP)	-10,5 V	-10,5 V
Collision cell entrance potential (CEP)	-16 V	-16 V
Collision energy (CE)	-20 V	-24 V
Collision cell exit potential (CXP)	-12 V	-12 V

^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



Printing Time: 11:53:51
Printing Date: Tuesday, July 12, 2005

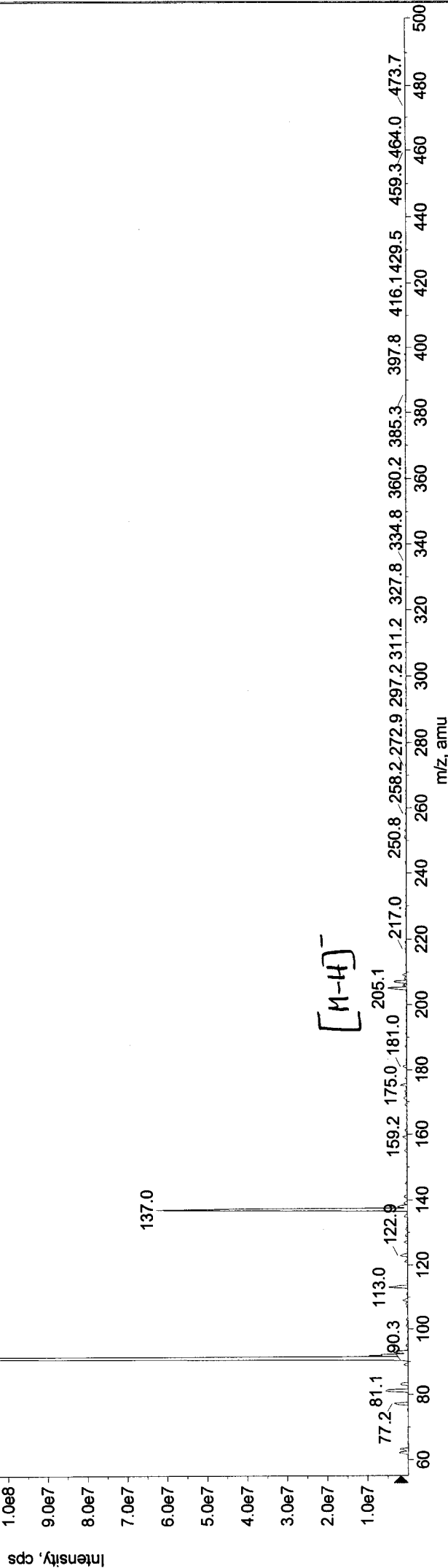
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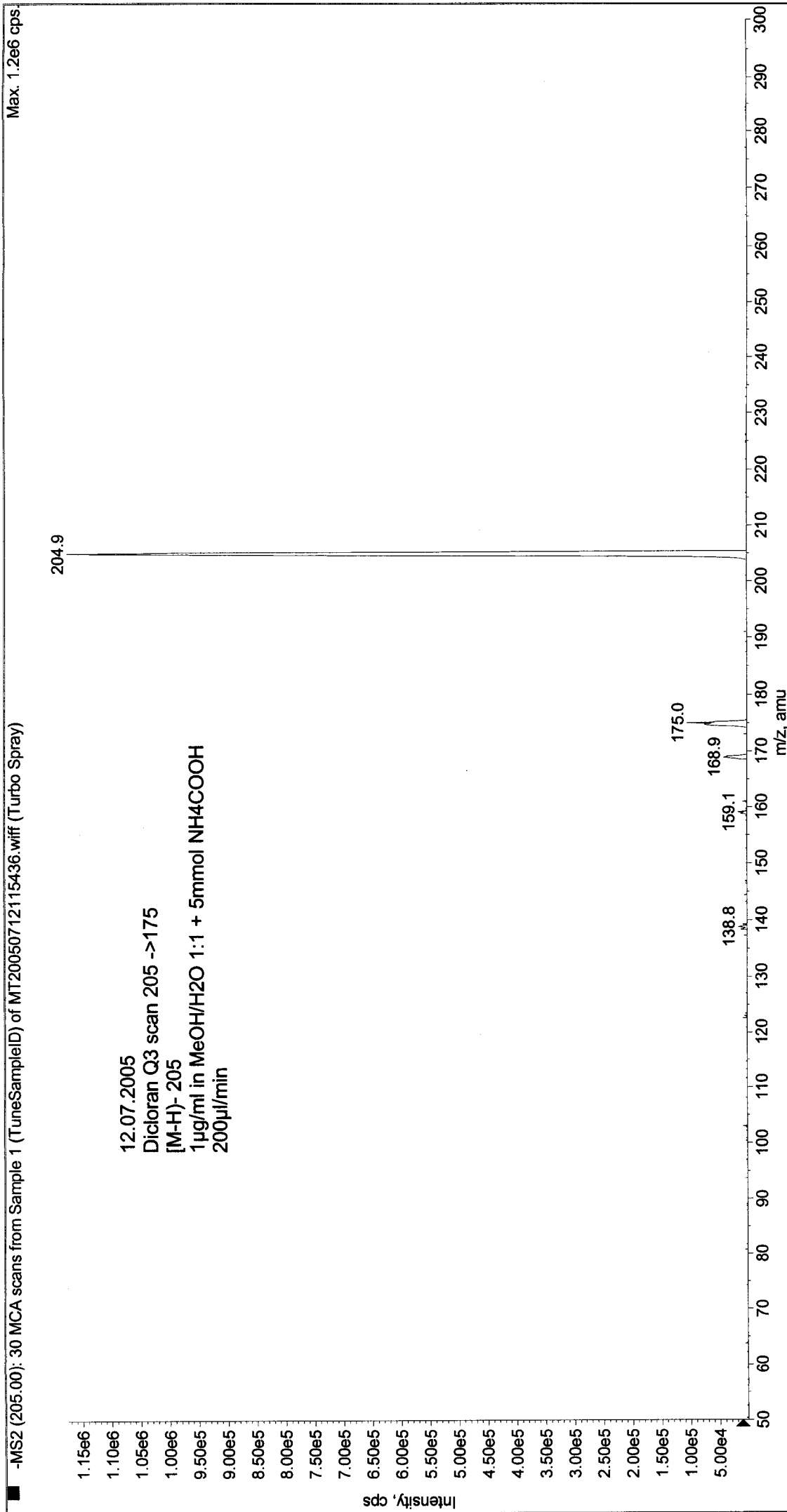
Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat

■ -Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050712115204.wiff (Turbo Spray)

Max. 1.8e8 cps.

12.07.2005
Dicloran Q1 scan
[M-H]⁻ 205
1 µg/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200 µl/min

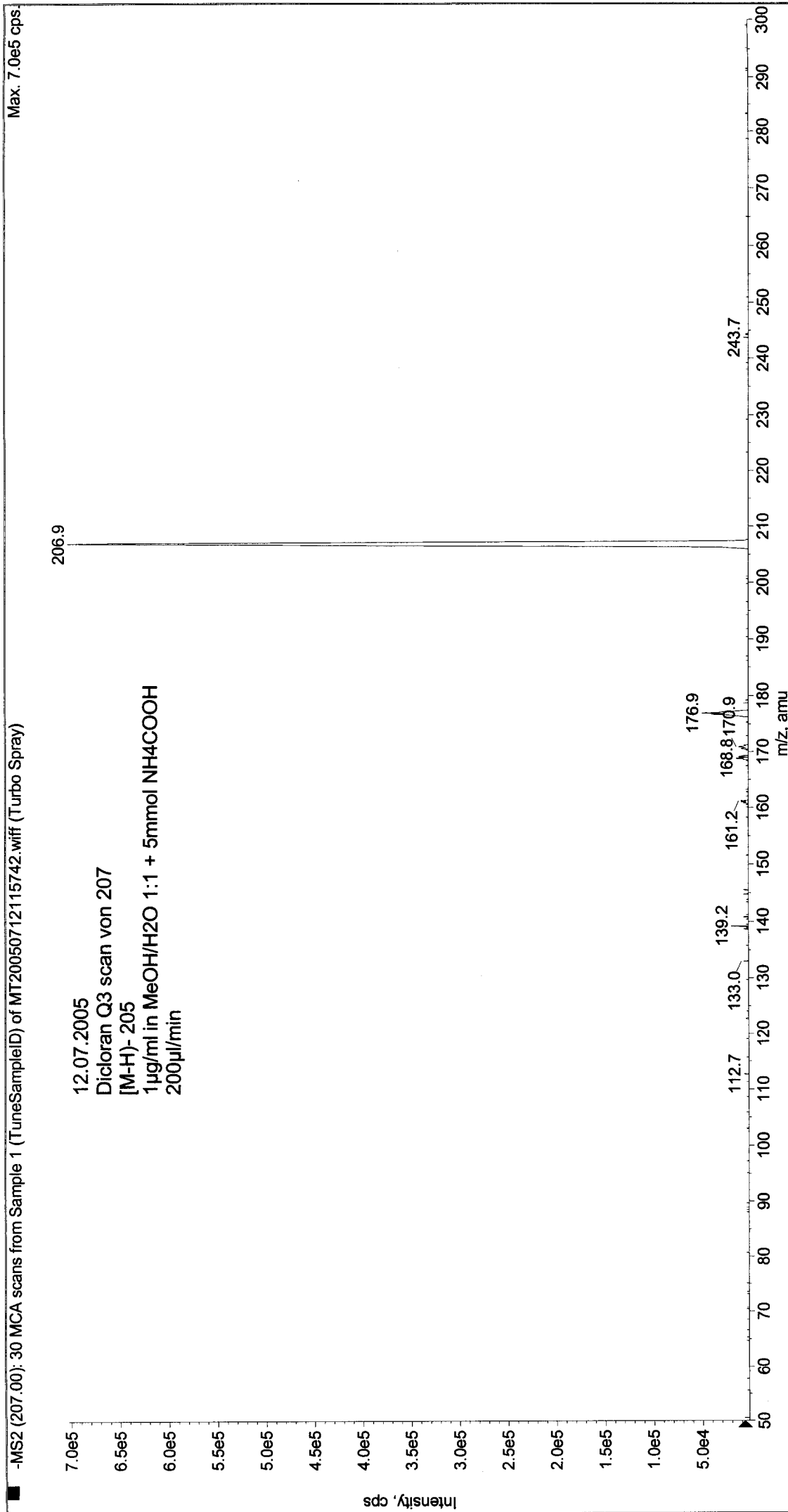




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Printing Date: Tuesday, July 12, 2005

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Sample Comment:
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Printing Time: 12:04:01

Printing Date: Tuesday, July 12, 2005

Acq. Time: 12:02

Acq. Date: Tuesday, July 12, 2005

Acq. File: MT20050712120255.wiff

Sample Comment:

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Batch Name: ManualTune.bat

