

## MS/MS Parameters of Pesticides

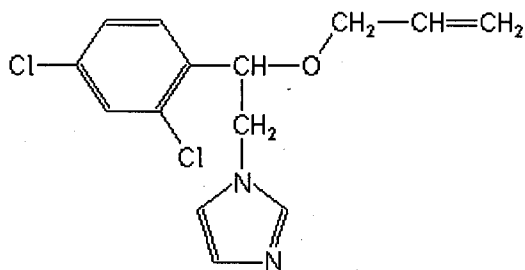
### Analyte: Imazalil

CAS No.: 35554-44-0

Formula: C<sub>14</sub>H<sub>14</sub>Cl<sub>2</sub>N<sub>2</sub>O

Molecular mass (lowest isotopes): 296,05 amu

Structure:



Ionisation: ESI +

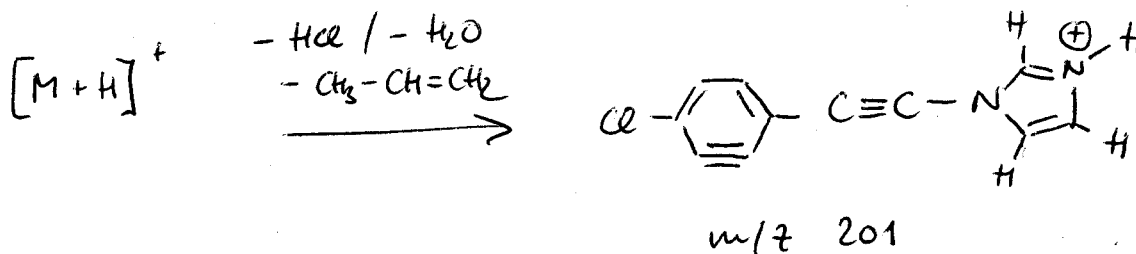
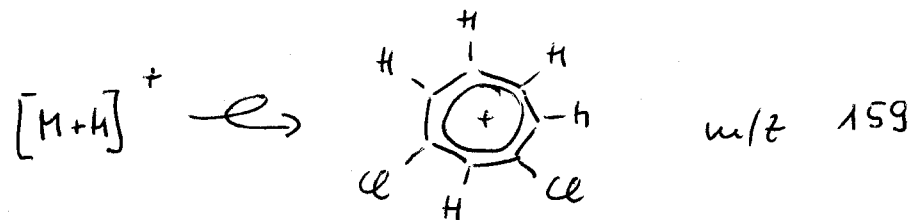
Quasimolecular ion: 297,0 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

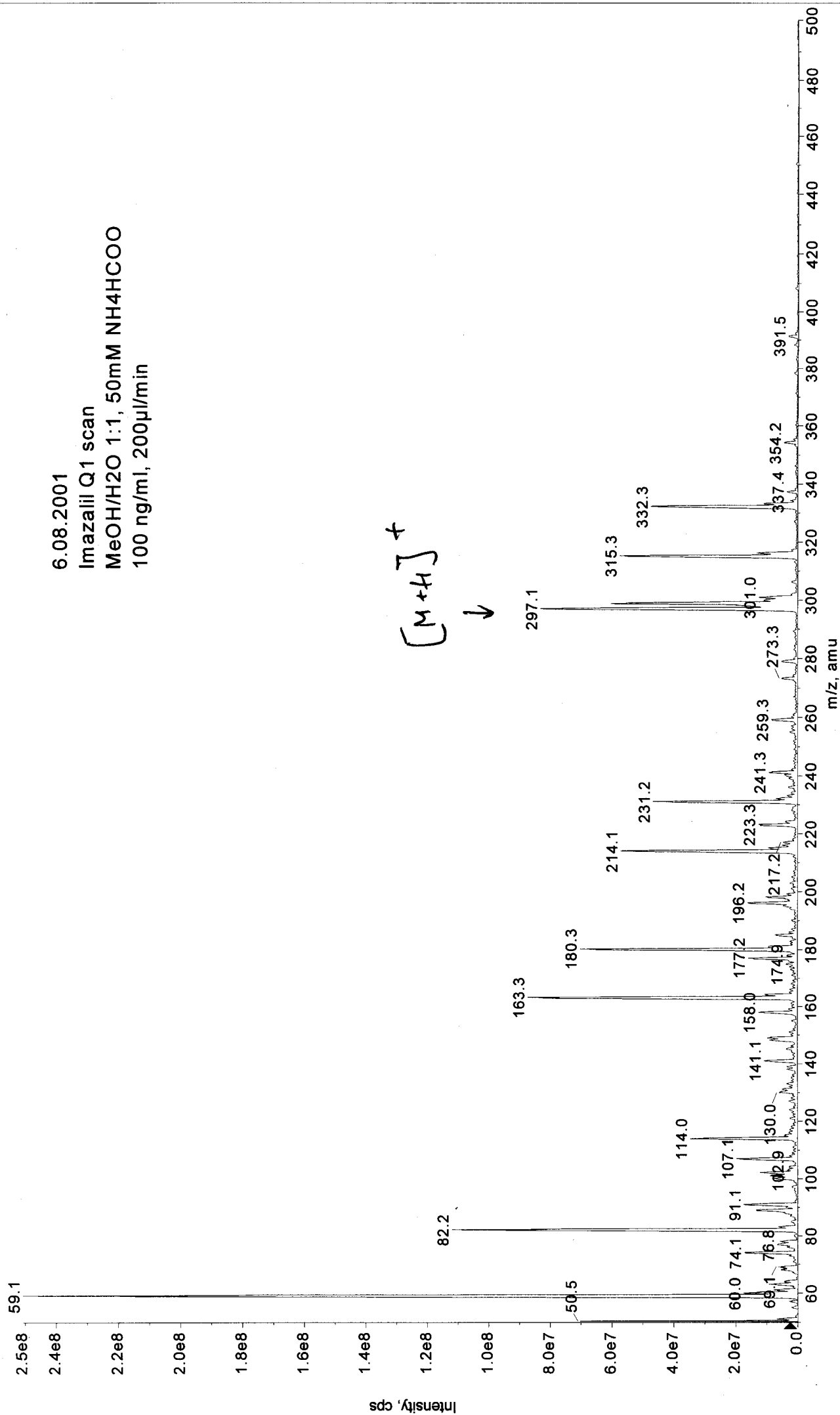
Transition	297,0 → 158,9	297,0 → 200,9
Declustering potential (DP) <sup>*)</sup>	24 V	24 V
Focusing potential (FP)	360 V	360 V
Entrance potential (EP)	11,5 V	11,0 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	31 V	23 V
Collision cell exit potential (CXP)	8 V	10 V

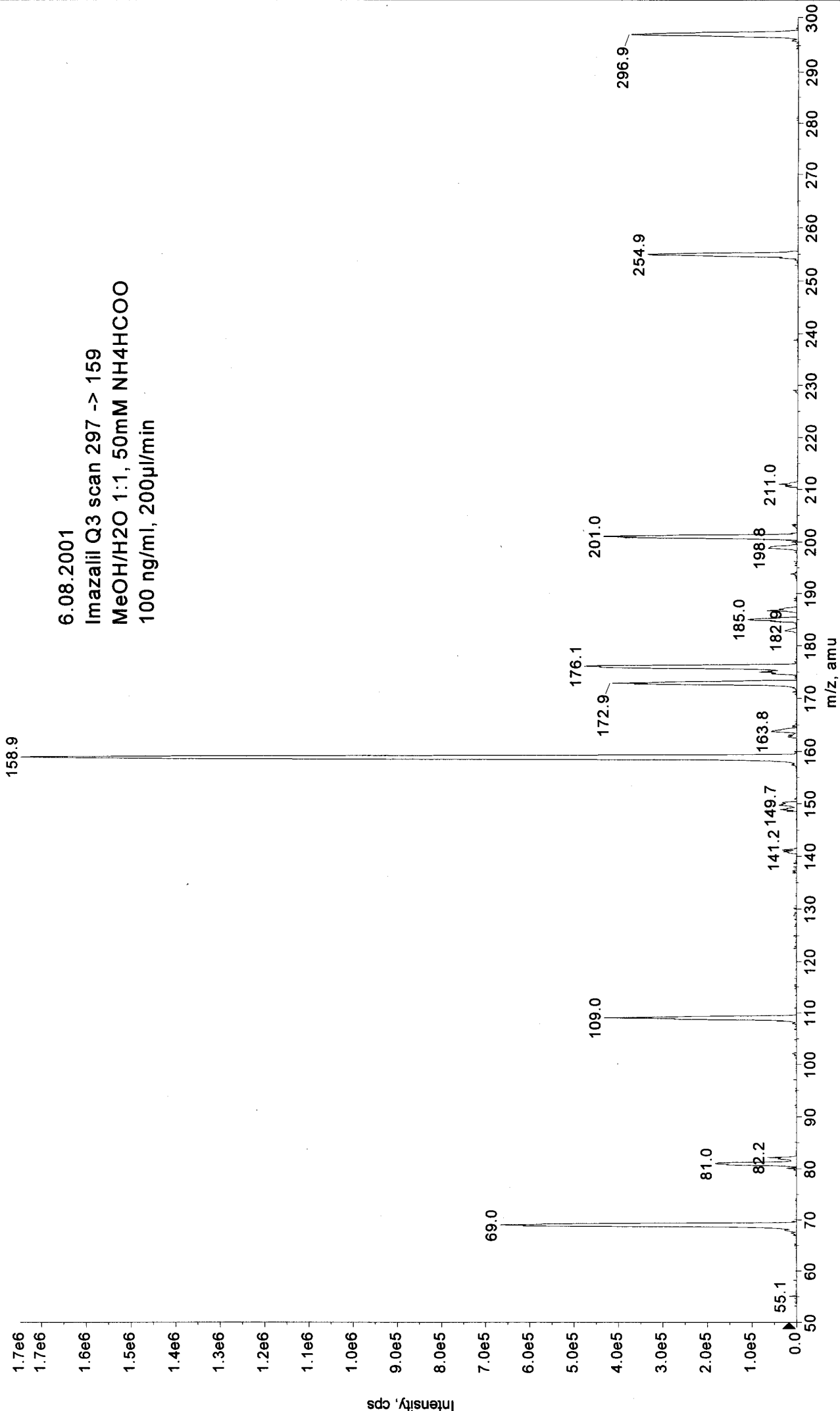
<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation



6.08.2001  
Imazalil Q1 scan  
MeOH/H2O 1:1, 50mM NH4HCOO  
100 ng/ml, 200µl/min





6.08.2001  
Imazalil Q3 scan 297 -> 159  
MeOH/H2O 1:1, 50mM NH4HCOO  
100 ng/ml, 200µl/min

