

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

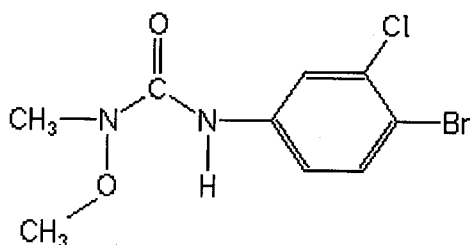
### Analyte: Chlorbromuron

CAS No.: 13360-45-7

Formula: C<sub>9</sub>H<sub>10</sub>BrClN<sub>2</sub>O<sub>2</sub>

Molecular mass (lowest isotopes): 291,96 amu

Structure:



Ionisation: ESI +

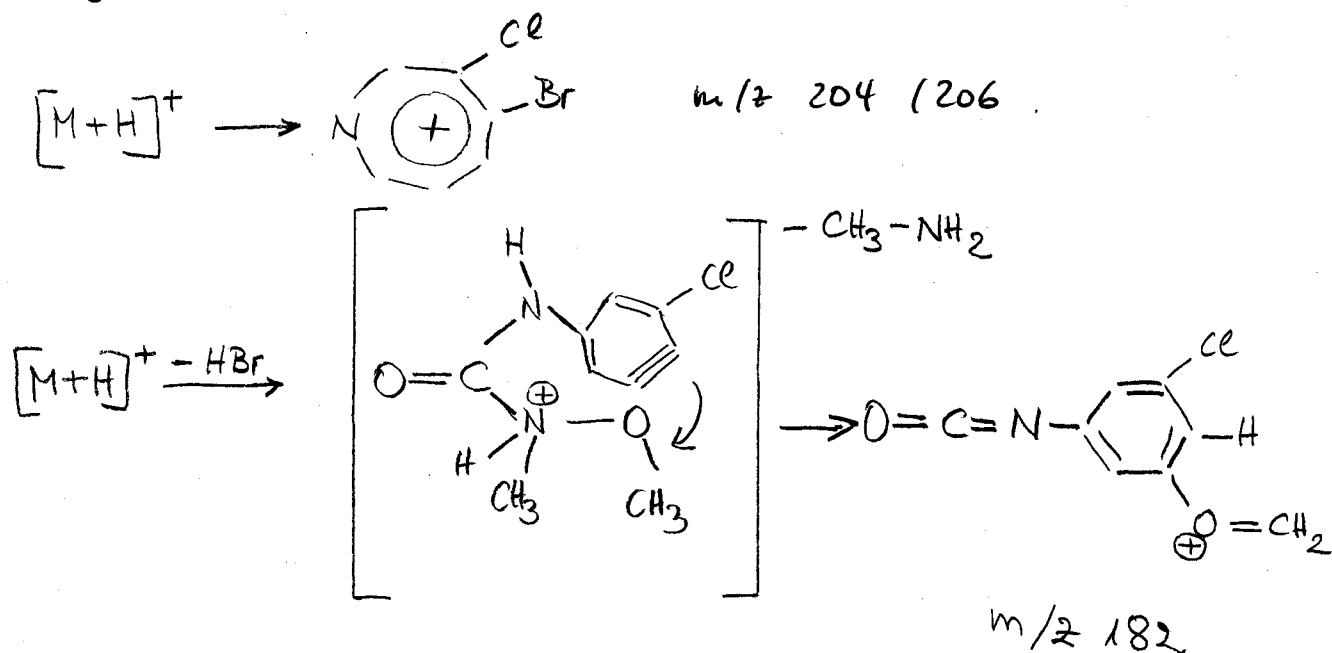
Quasimolecular ion: 292,9 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

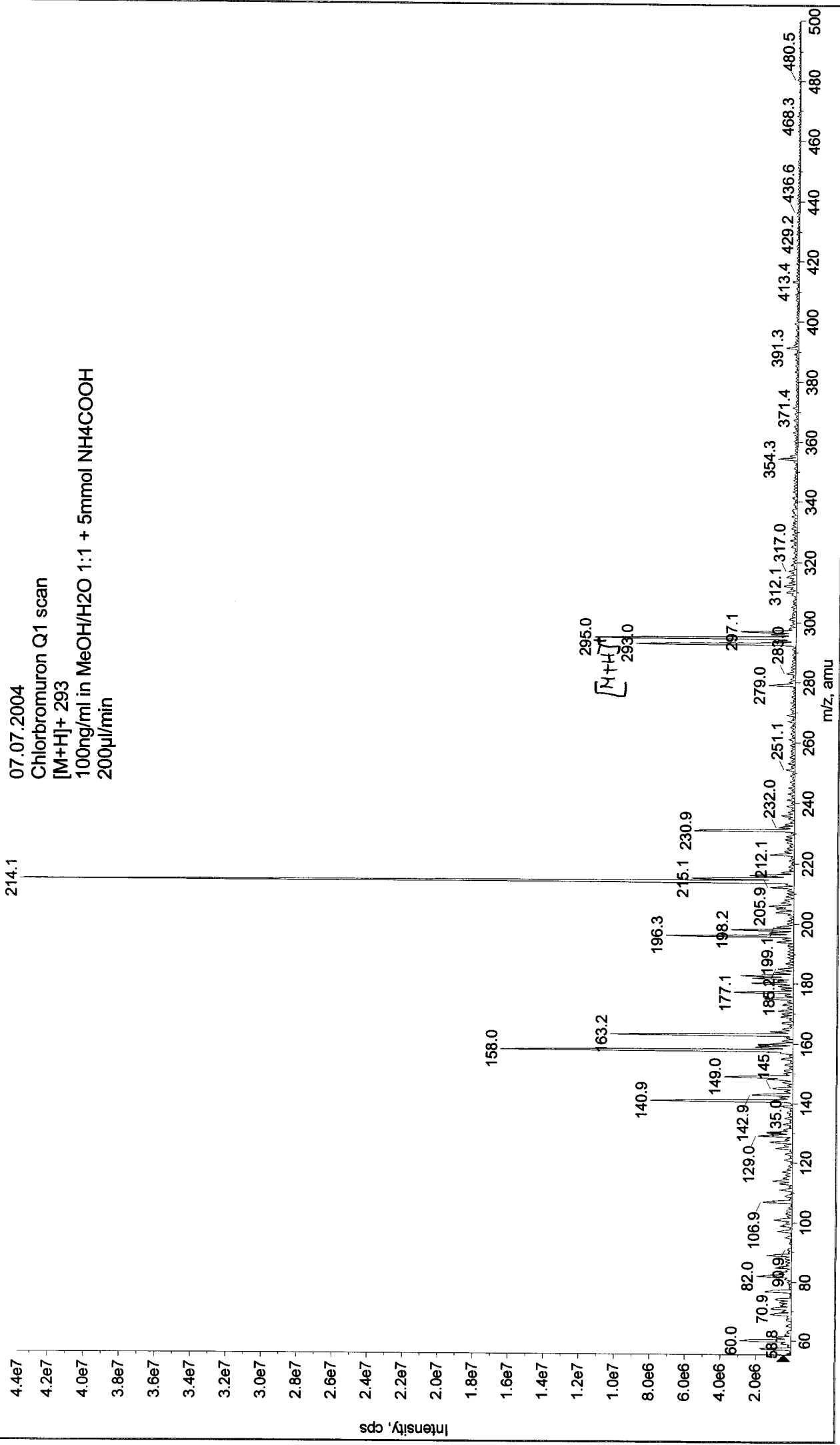
Transition	292,9 → 182,1	292,9 → 204,0
Declustering potential (DP)*)	46 V	46 V
Focusing potential (FP)	370 V	360 V
Entrance potential (EP)	11,5 V	10,5 V
Collision cell entrance potential (CEP)	20 V	14 V
Collision energy (CE)	23 V	21 V
Collision cell exit potential (CXP)	10 V	10 V

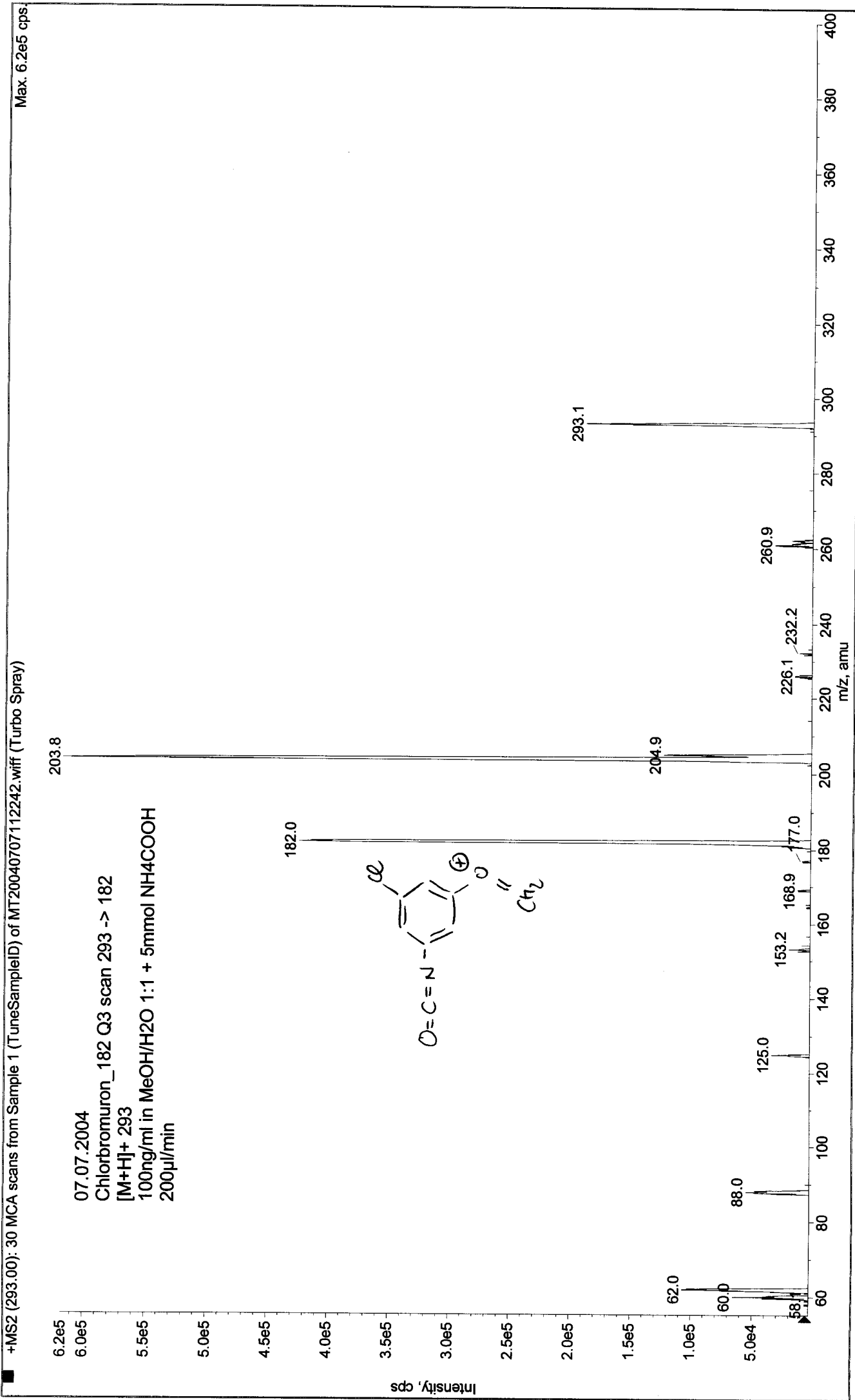
\*) For API 3000 and 4000 enhance DP by 20V

### Fragmentation

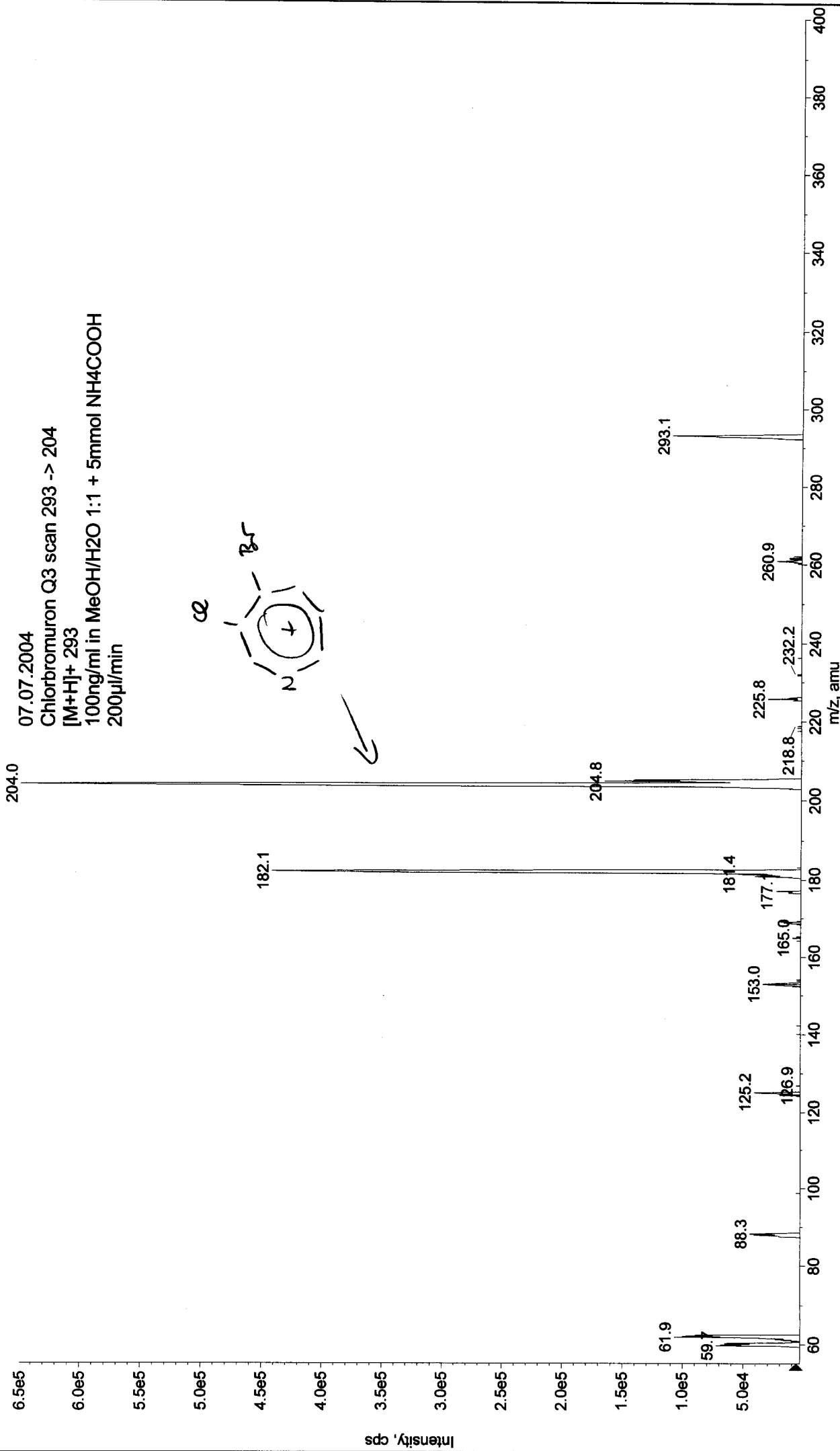


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040707111123.wiff (Turbo Spray) Max. 4.4e7 cps





+MS2 (293.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040707111335.wiff (Turbo Spray) Max. 6.5e5 cps



+MS2 (295.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040707111454.wiff (Turbo Spray) Max. 9.9e5 cps

