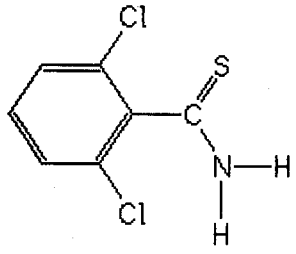
Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

Analyte: Chlorthiamid

CAS No.: 1918-13-4
Formula: C7H5Cl2NS
Molecular mass (lowest isotopes): 204,95 amu

Structure:



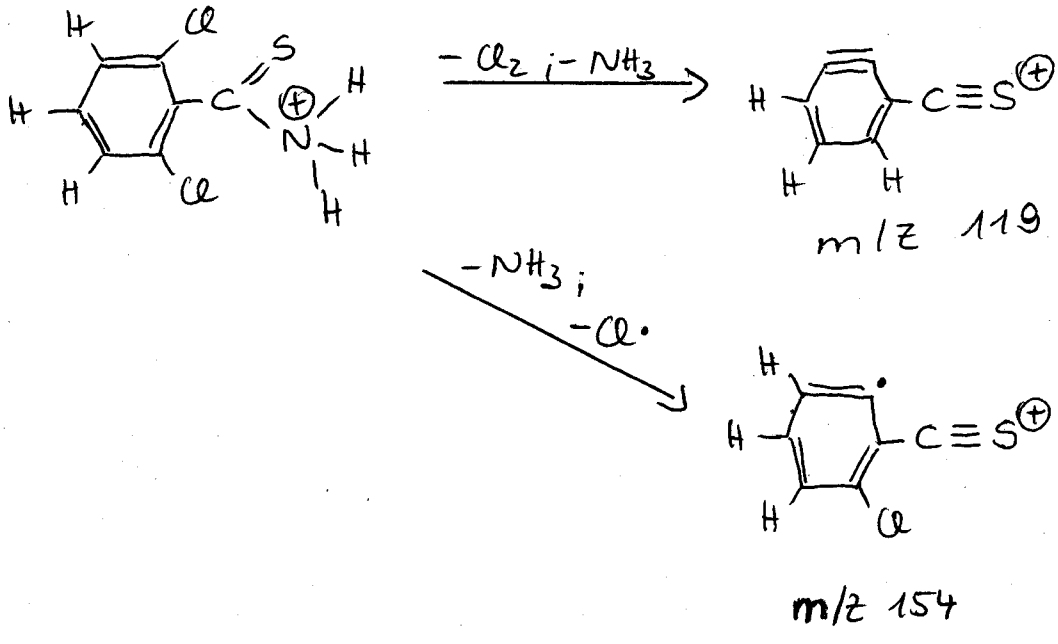
Ionisation: ESI + Quasimolecular ion: 205,9 amu = [M+H]+

Analyte sensitive parameter set (API 2000)

Transition	205,9 → 118,9	205,9 → 154,0
Declustering potential (DP)*)	36V	36 V
Focusing potential (FP)	370 V	360 V
Entrance potential (EP)	10,5 V	11,0 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	55 V	45 V
Collision cell exit potential (CXP)	6 V	8 V

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

Fragmentation



Printing Time: 14:22:18
Printing Date: Wednesday, July 21, 2004

Acq. Time: 14:20
Acq. Date: Wednesday, July 21, 2004
Acq. File: MT20040721142017.wiff

Sample Comment:
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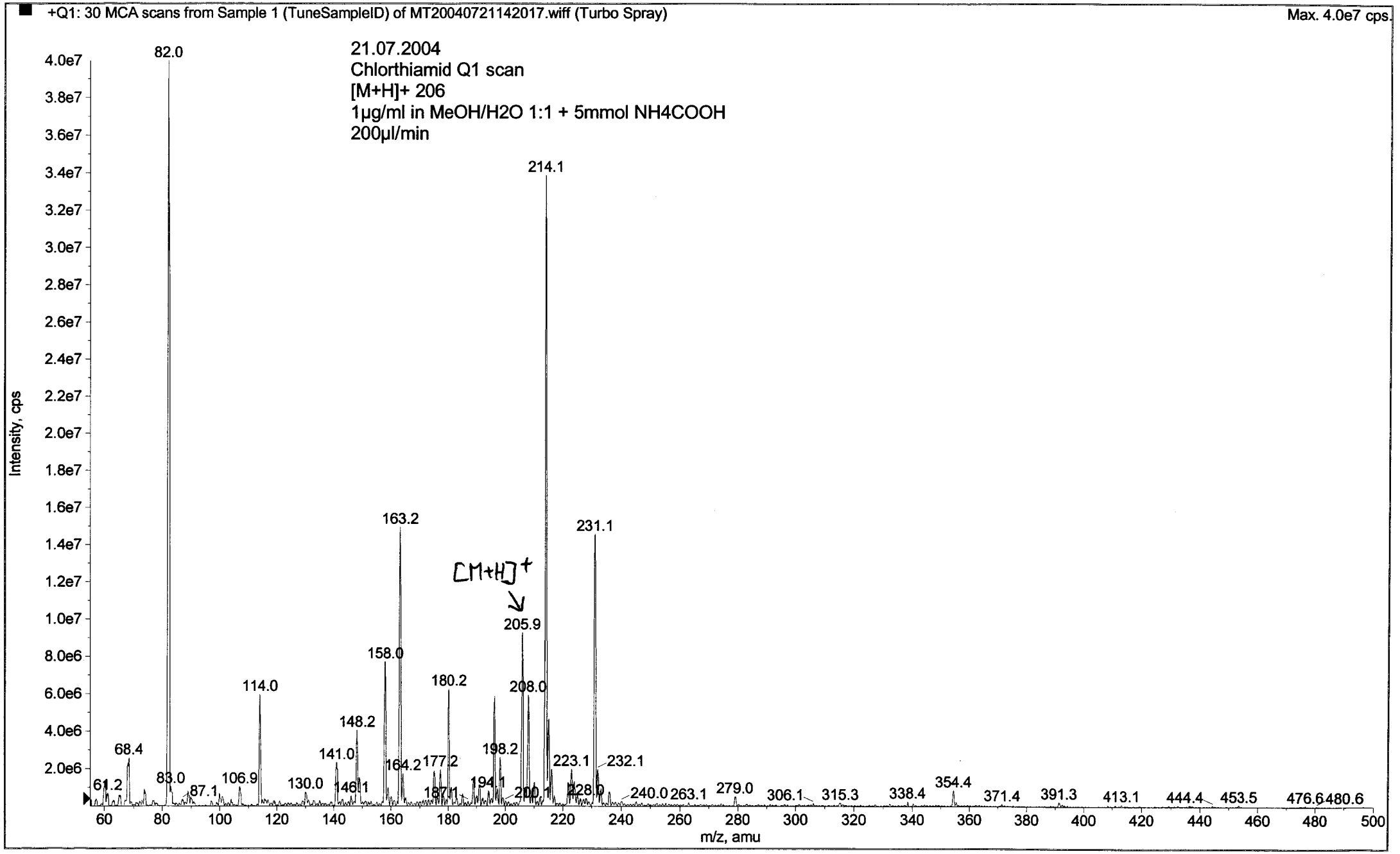
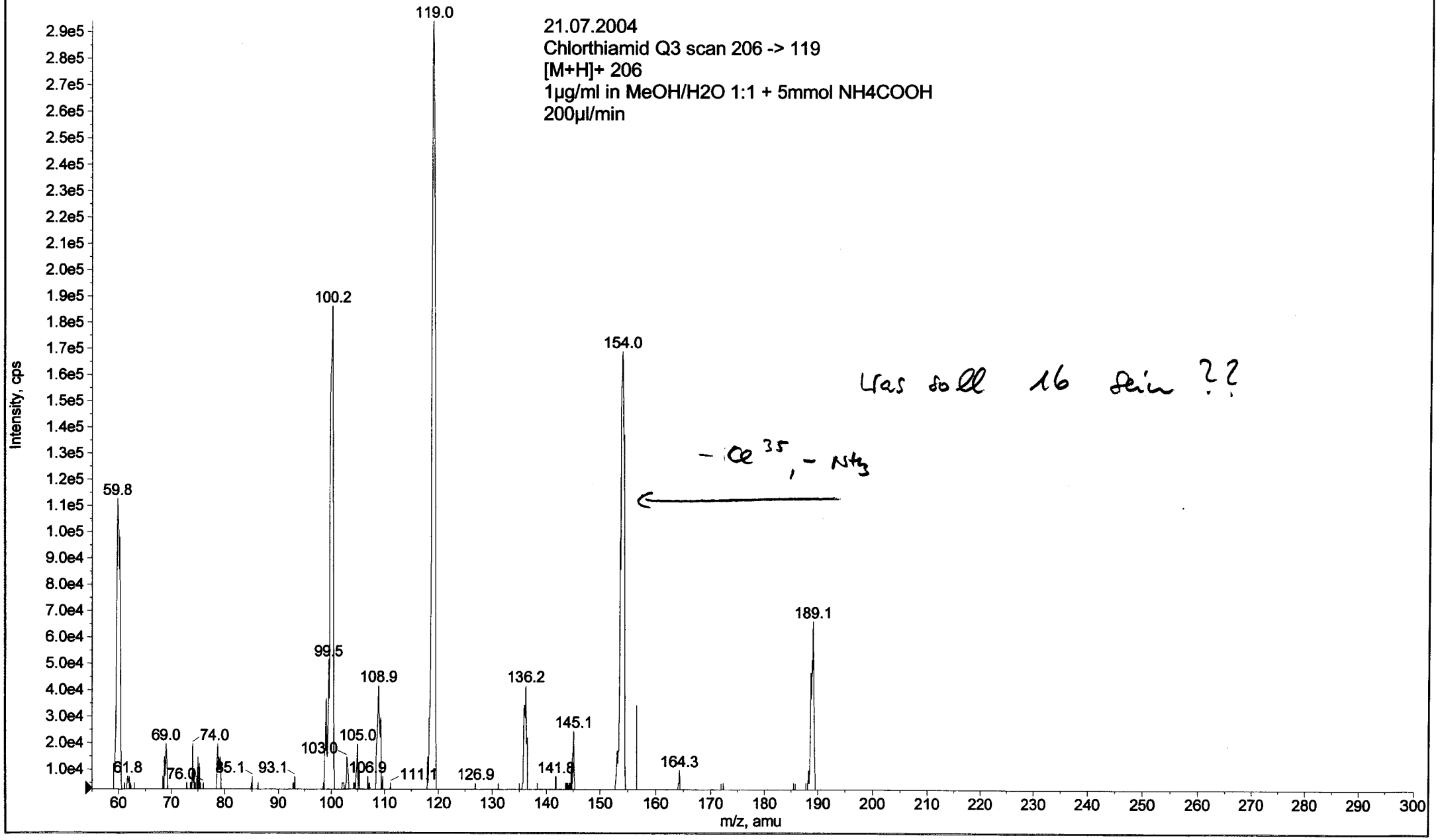
Batch Name: ManualTune.bat



+MS2 (206.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040721142313.wiff (Turbo Spray)

Max. 2.9e5 cps.



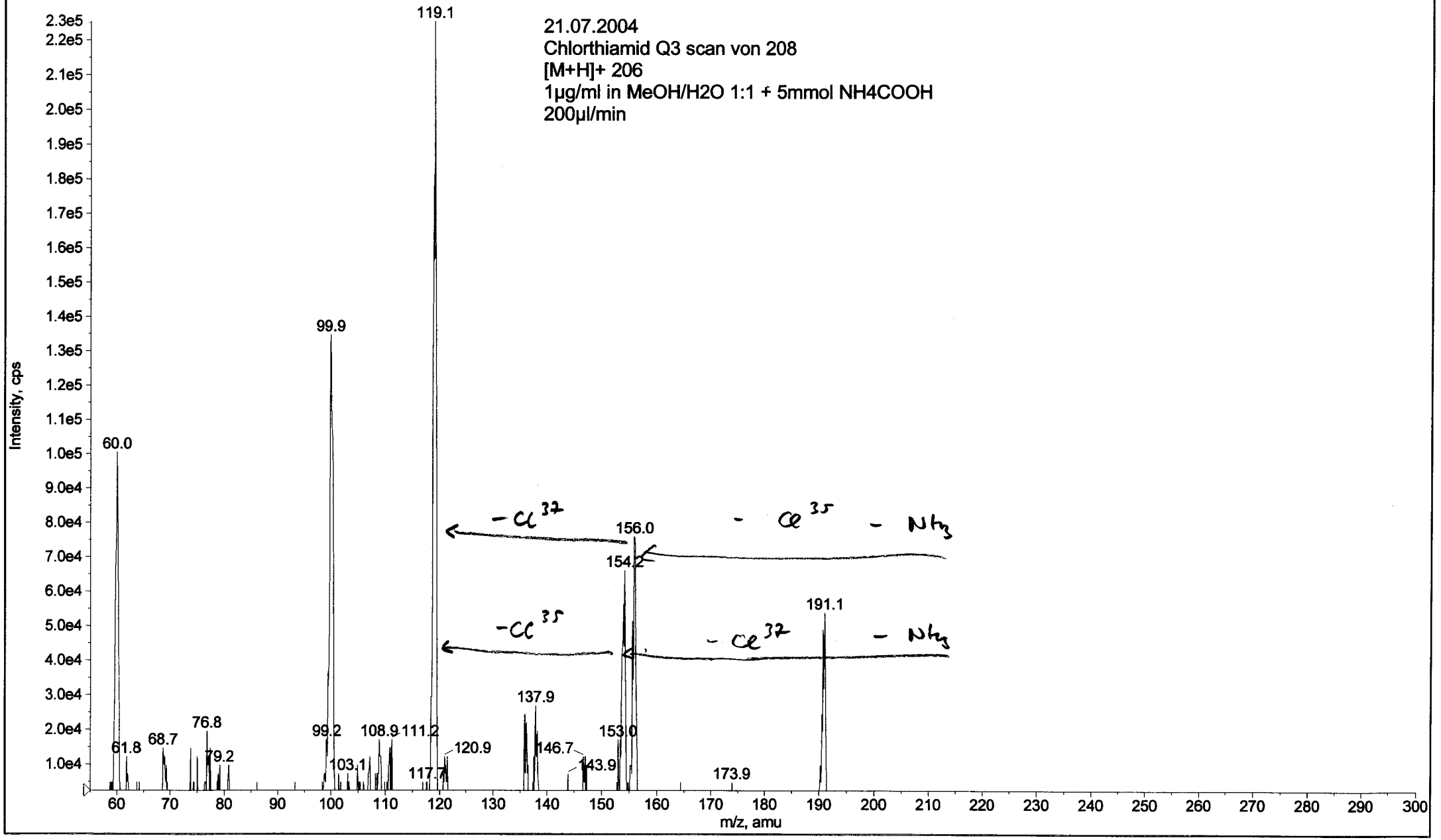
Printing Time: 14:25:57
Printing Date: Wednesday, July 21, 2004

Acq. Time: 14:24
Acq. Date: Wednesday, July 21, 2004
Acq. File: MT20040721142459.wiff

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

+MS2 (208.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040721142459.wiff (Turbo Spray)

Max. 2.3e5 cps.



Printing Time: 14:35:40
Printing Date: Wednesday, July 21, 2004

Acq. Time: 14:34
Acq. Date: Wednesday, July 21, 2004
Acq. File: MT20040721143405.wiff

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

+MS2 (206.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040721143405.wiff (Turbo Spray)

Max. 3.3e5 cps.