

results sample 1

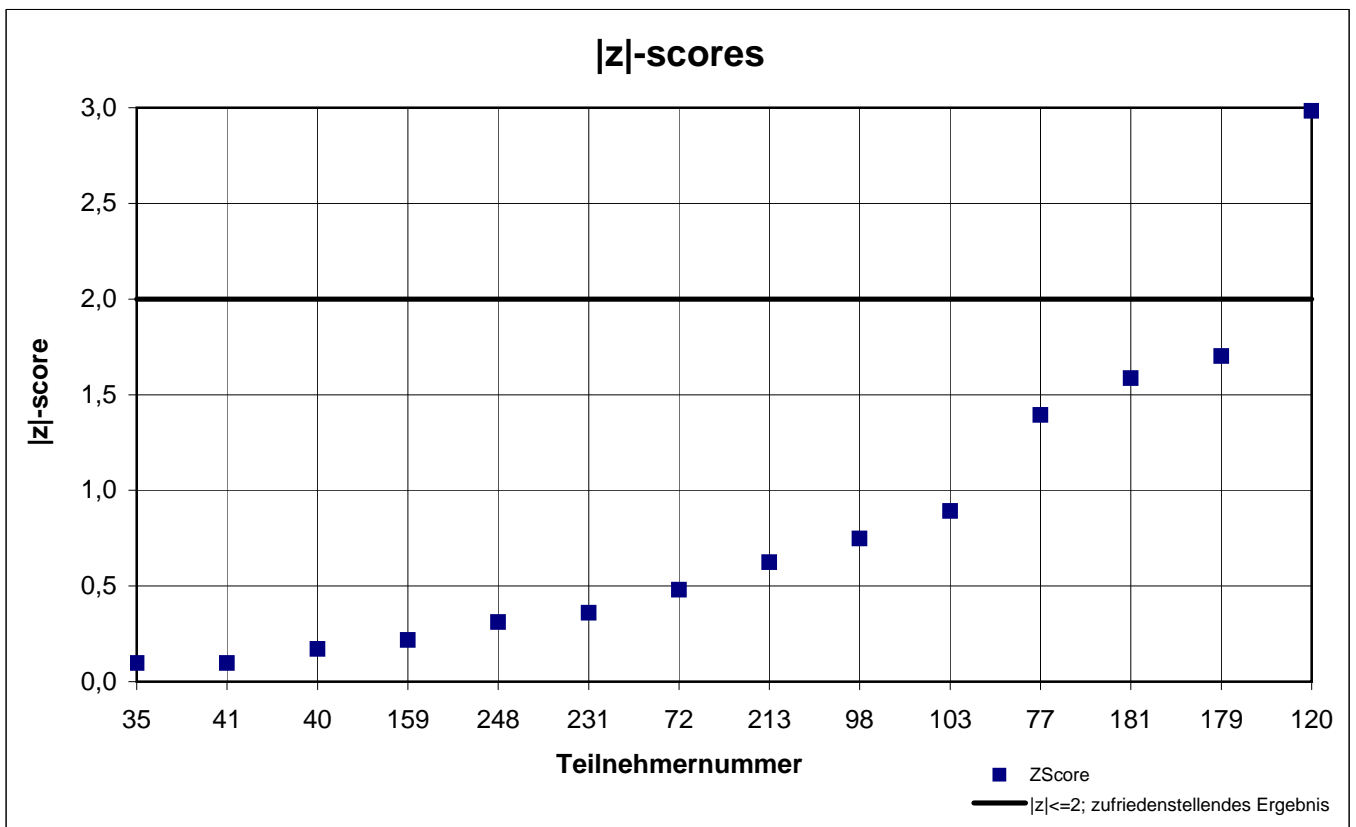
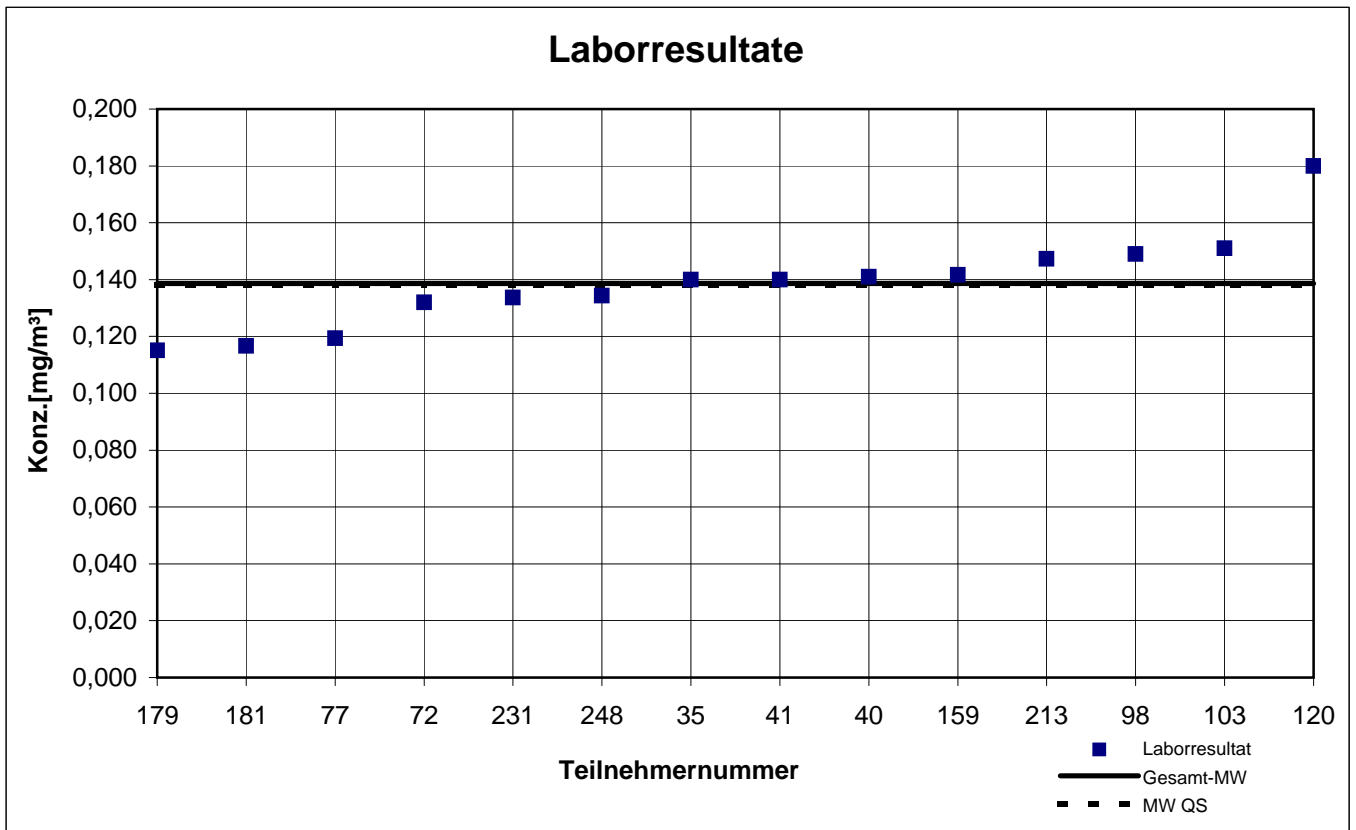
participant number	Formaldehyde	
	result (mg / m ³)	z - score
35	0,140	0,1
40	0,141	0,2
41	0,140	0,1
72	0,132	0,5
77	0,119	1,4
98	0,149	0,7
103	0,151	0,9
120	0,180	3,0
159	0,142	0,2
179	0,115	1,7
181	0,117	1,6
213	0,147	0,6
231	0,134	0,4
248	0,134	0,3

marked  fields are outliers

	Formaldehyde
mean c_k [mg / m ³]	0,139
standard deviation S_k [mg / m ³]	0,017
rel. standard deviation [%]	11,94
mean value of control samples	0,138

Probe 1

Formaldehyd



results sample 2

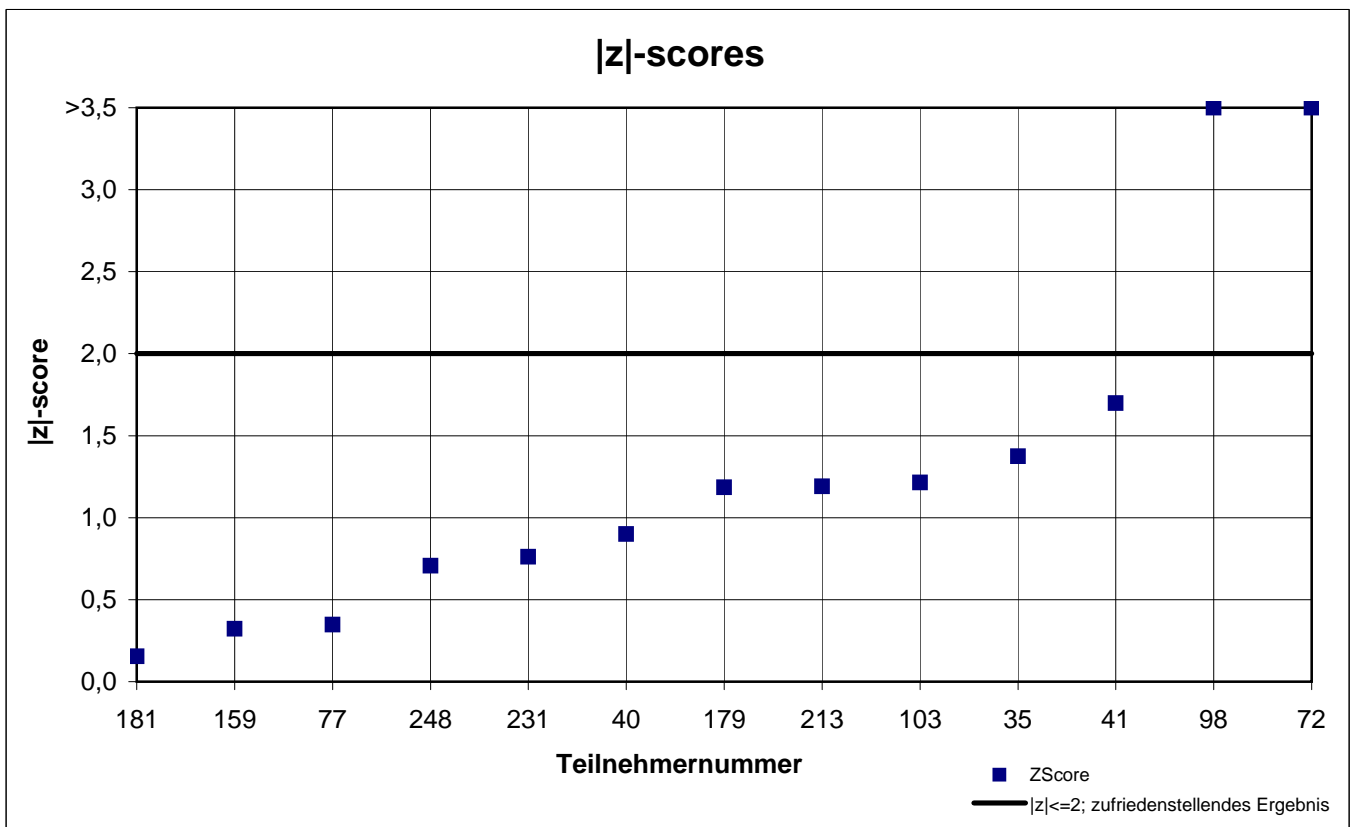
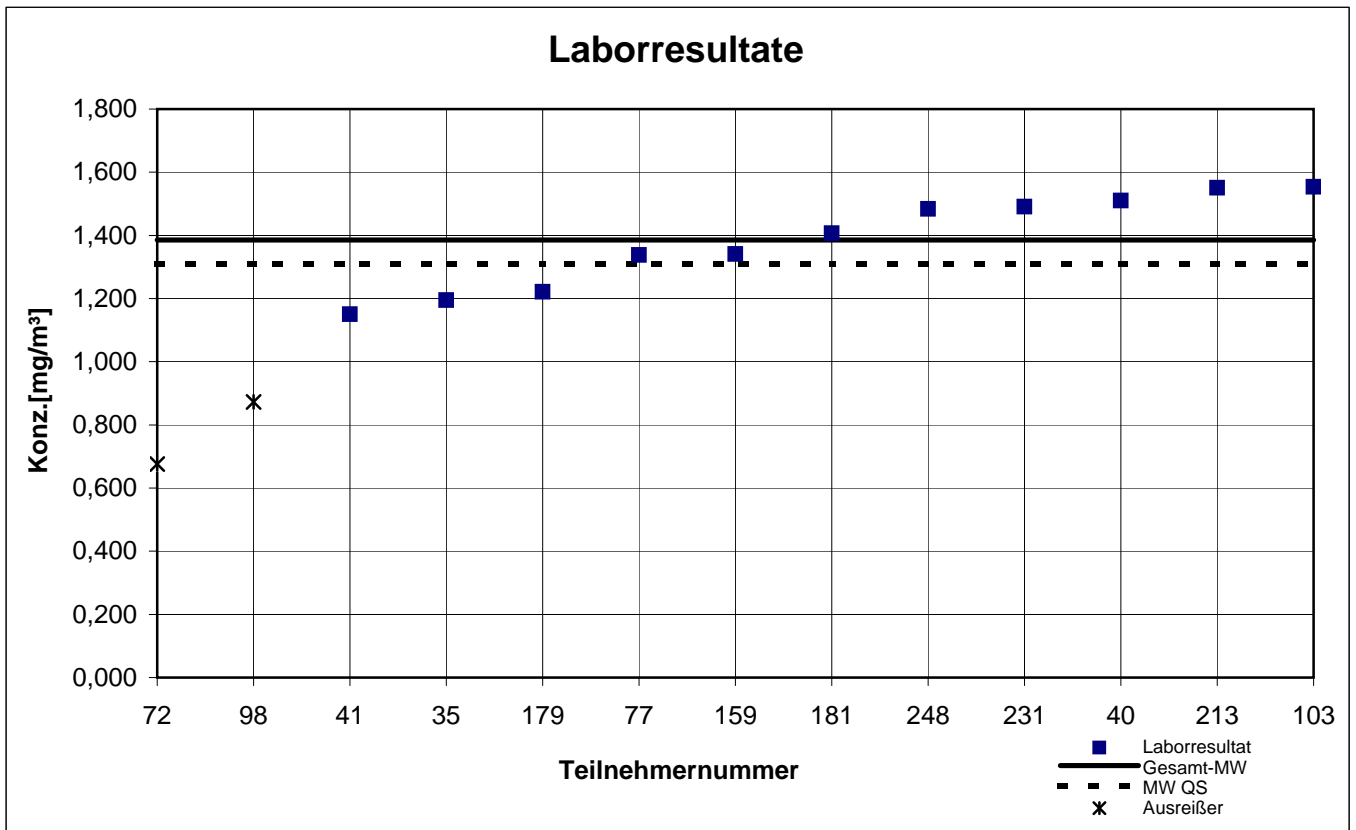
participant number	Acetaldehyde		Formaldehyde		Propionaldehyde	
	result (mg / m ³)	z - score	result (mg / m ³)	z - score	result (mg / m ³)	z - score
35	1,195	1,4	0,060	1,3	1,575	0,4
40	1,510	0,9	0,056	0,5	1,850	1,3
41	1,150	1,7	0,050	0,6	1,520	0,7
72	0,676	5,1	0,050	0,5	0,684	5,8
77	1,337	0,3	0,051	0,4	1,489	0,9
98	0,872	3,7	0,055	0,3	2,065	2,6
103	1,554	1,2	0,058	0,9	1,841	1,2
120	k.A.	k.A.	0,050	0,6	k.A.	k.A.
159	1,341	0,3	0,050	0,6	1,406	1,4
179	1,221	1,2	0,047	1,1	1,437	1,3
181	1,407	0,2	0,048	0,9	1,573	0,4
213	1,551	1,2	0,056	0,5	1,864	1,3
231	1,491	0,8	0,058	0,9	1,322	2,0
248	1,483	0,7	0,055	0,3	1,767	0,8

marked fields are outliers

	Acet- aldehyde	Form- aldehyde	Propion- aldehyde
mean c_k [mg / m ³]	1,385	0,053	1,642
standard deviation S_k [mg / m ³]	0,147	0,004	0,228
rel. standard deviation [%]	10,59	7,61	13,91
mean value of control samples	1,309	0,053	1,576

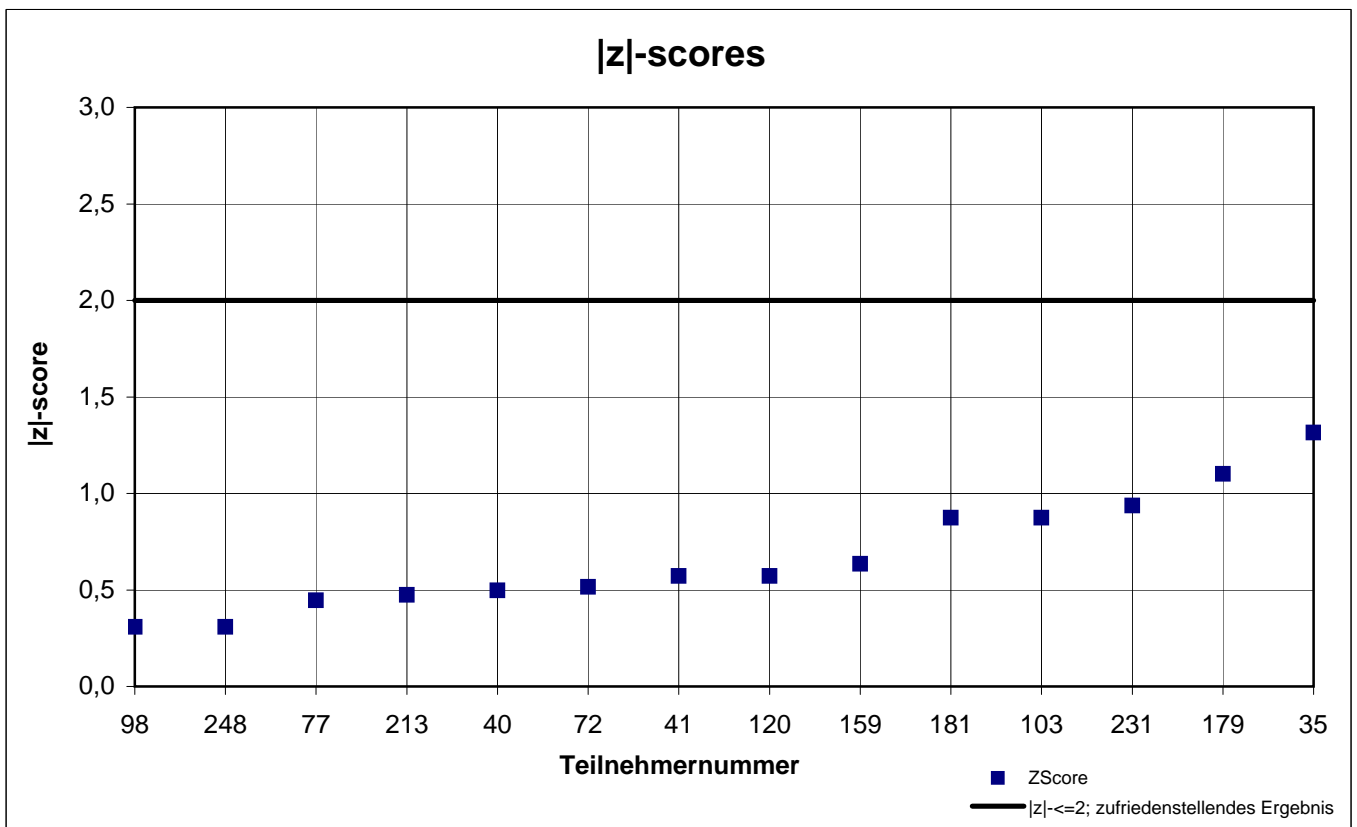
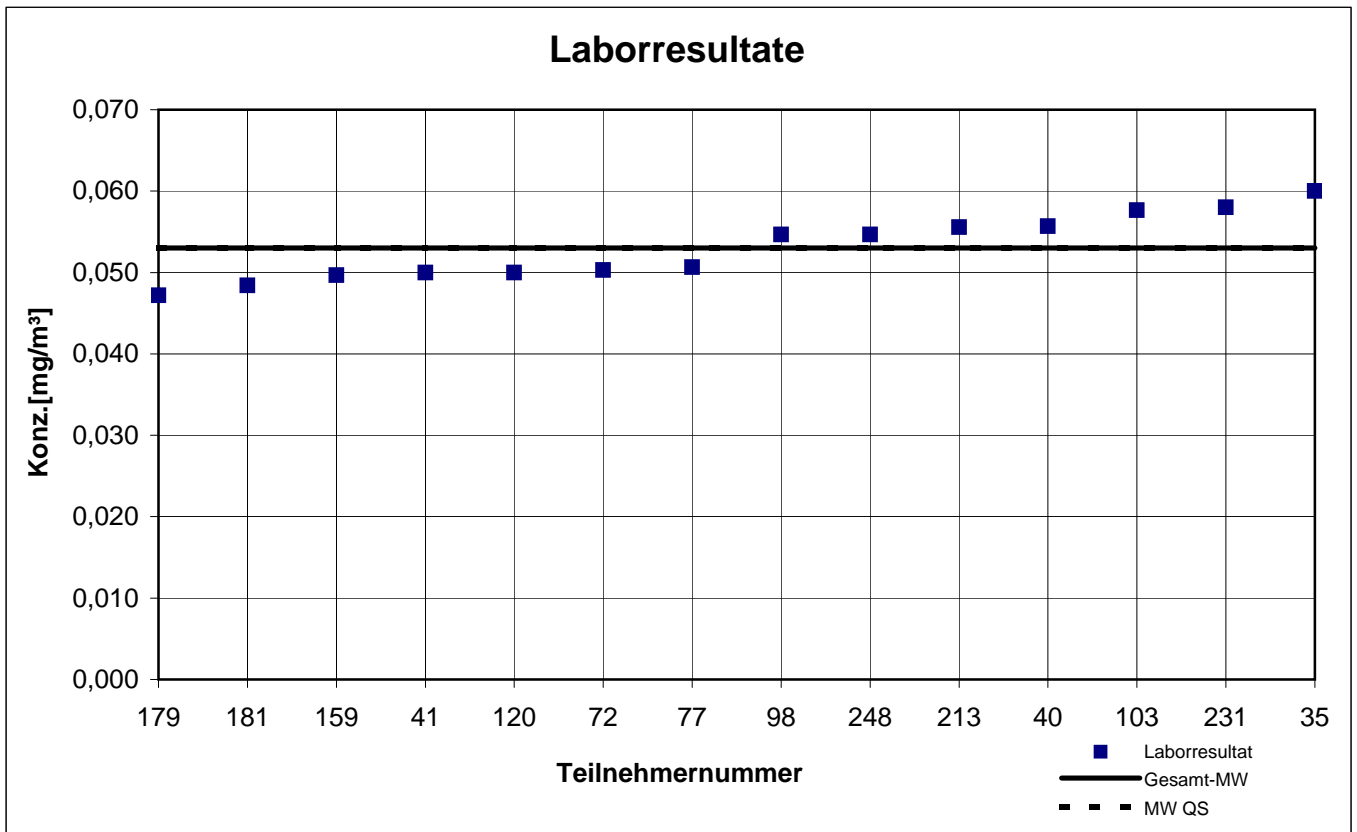
Probe 2

Acetaldehyd



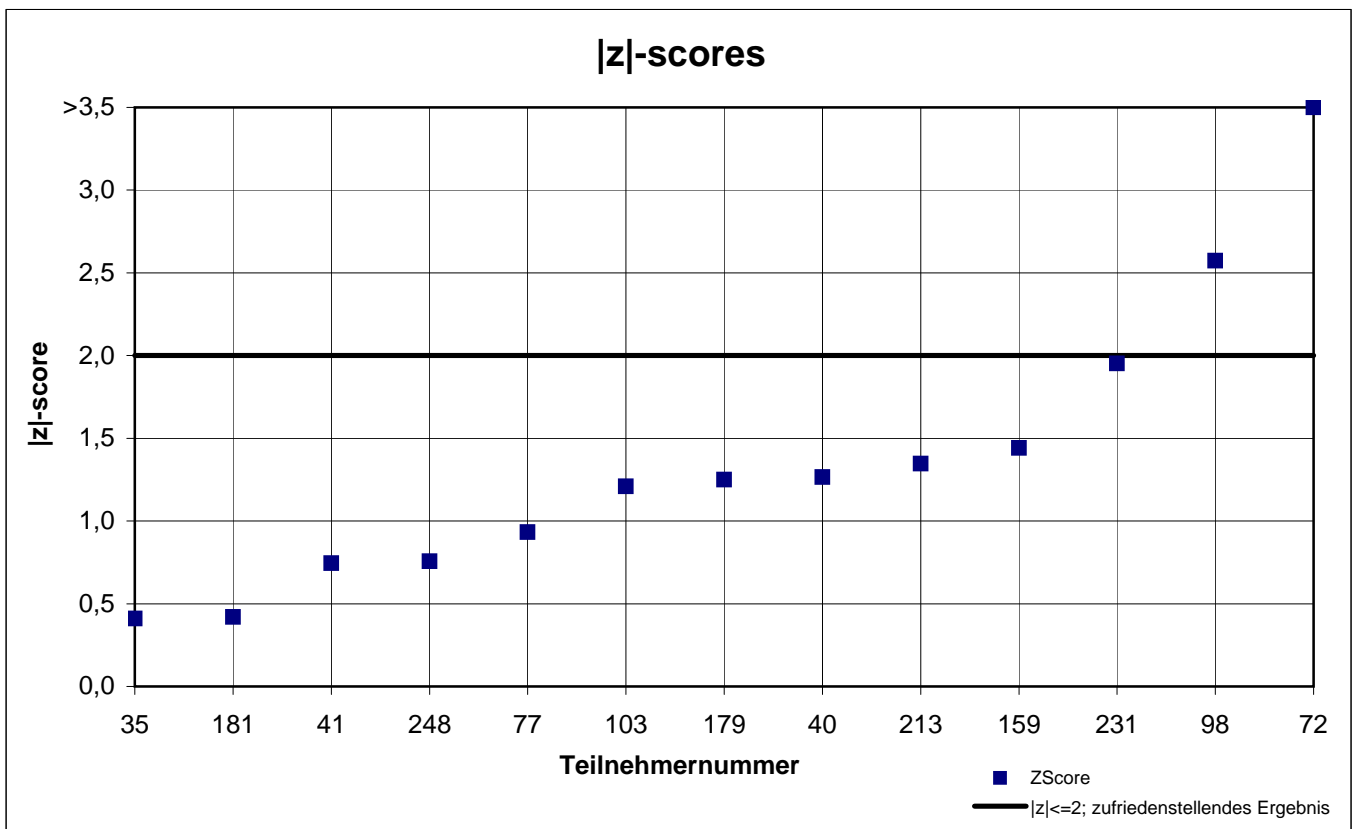
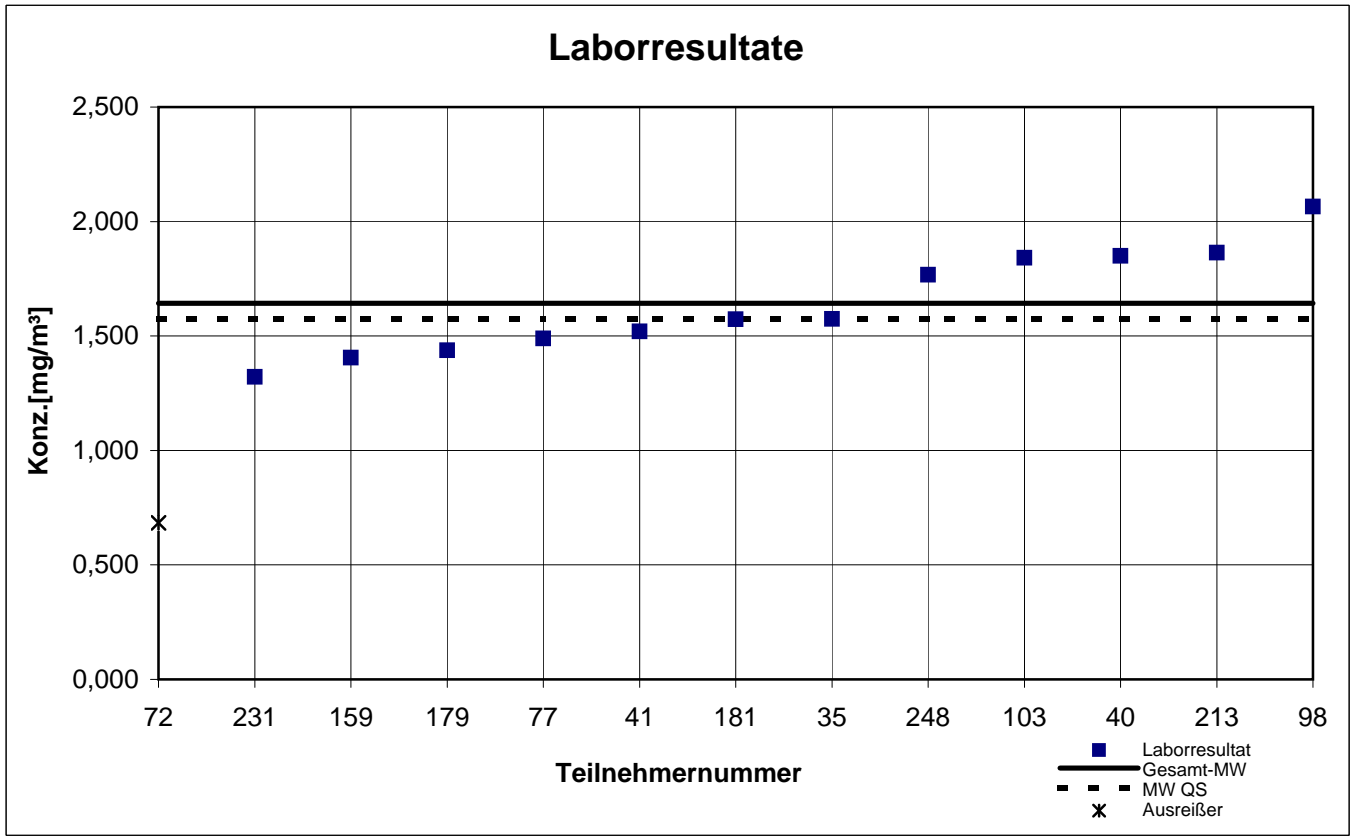
Probe 2

Formaldehyd



Probe 2

Propionaldehyd



results sample 3

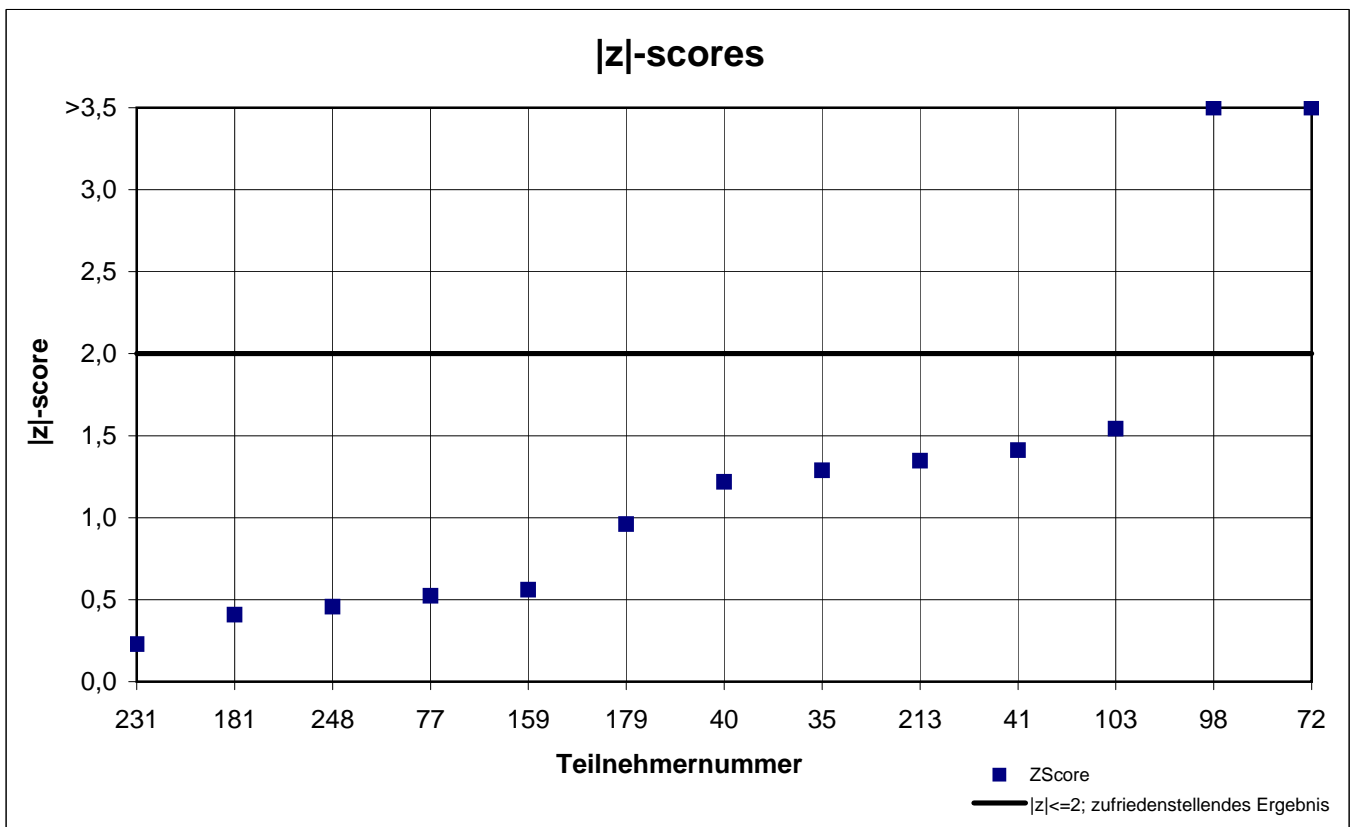
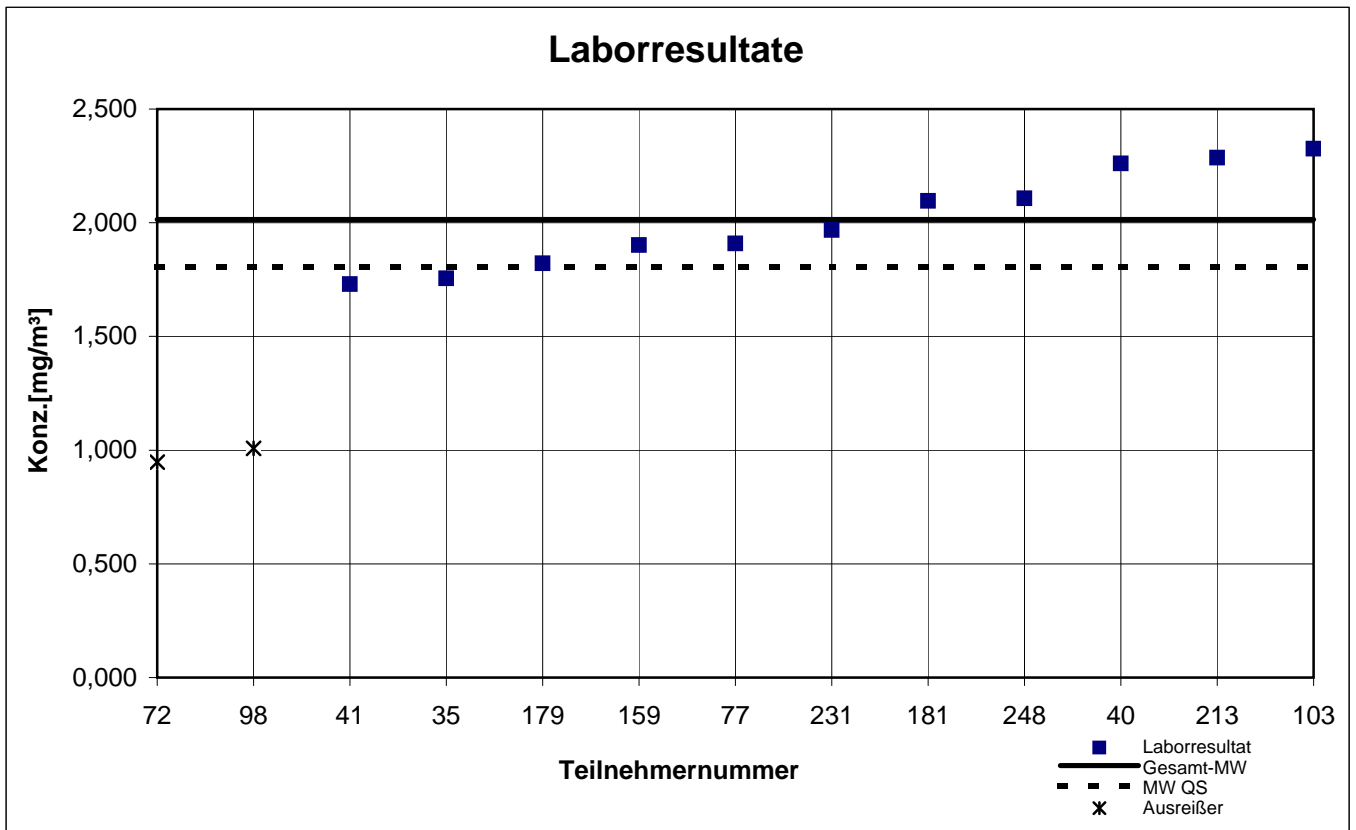
participant number	Acetaldehyde		Formaldehyde		Propionaldehyde	
	result (mg / m ³)	z - score	result (mg / m ³)	z - score	result (mg / m ³)	z - score
35	1,755	1,3	0,090	1,3	2,355	0,4
40	2,260	1,2	0,081	0,2	2,767	1,3
41	1,730	1,4	0,080	0,0	2,300	0,6
72	0,948	5,3	0,075	0,6	0,992	5,9
77	1,909	0,5	0,076	0,5	2,184	1,1
98	1,007	5,0	0,077	0,3	2,672	0,9
103	2,325	1,5	0,085	0,7	2,758	1,3
120	k.A.	k.A.	0,100	2,6	k.A.	k.A.
159	1,902	0,6	0,073	0,8	2,036	1,7
179	1,821	1,0	0,068	1,5	2,140	1,2
181	2,097	0,4	0,071	1,1	2,350	0,4
213	2,286	1,3	0,082	0,3	2,780	1,4
231	1,968	0,2	0,079	0,1	0,894	6,3
248	2,107	0,5	0,078	0,2	2,507	0,3

marked  fields are outliers

	Acet- aldehyde	Form- aldehyde	Propion- aldehyde
mean c_k [mg / m ³]	2,014	0,080	2,441
standard deviation S_k [mg / m ³]	0,214	0,008	0,271
rel. standard deviation [%]	10,62	10,28	11,11
mean value of control samples	1,806	0,078	2,307

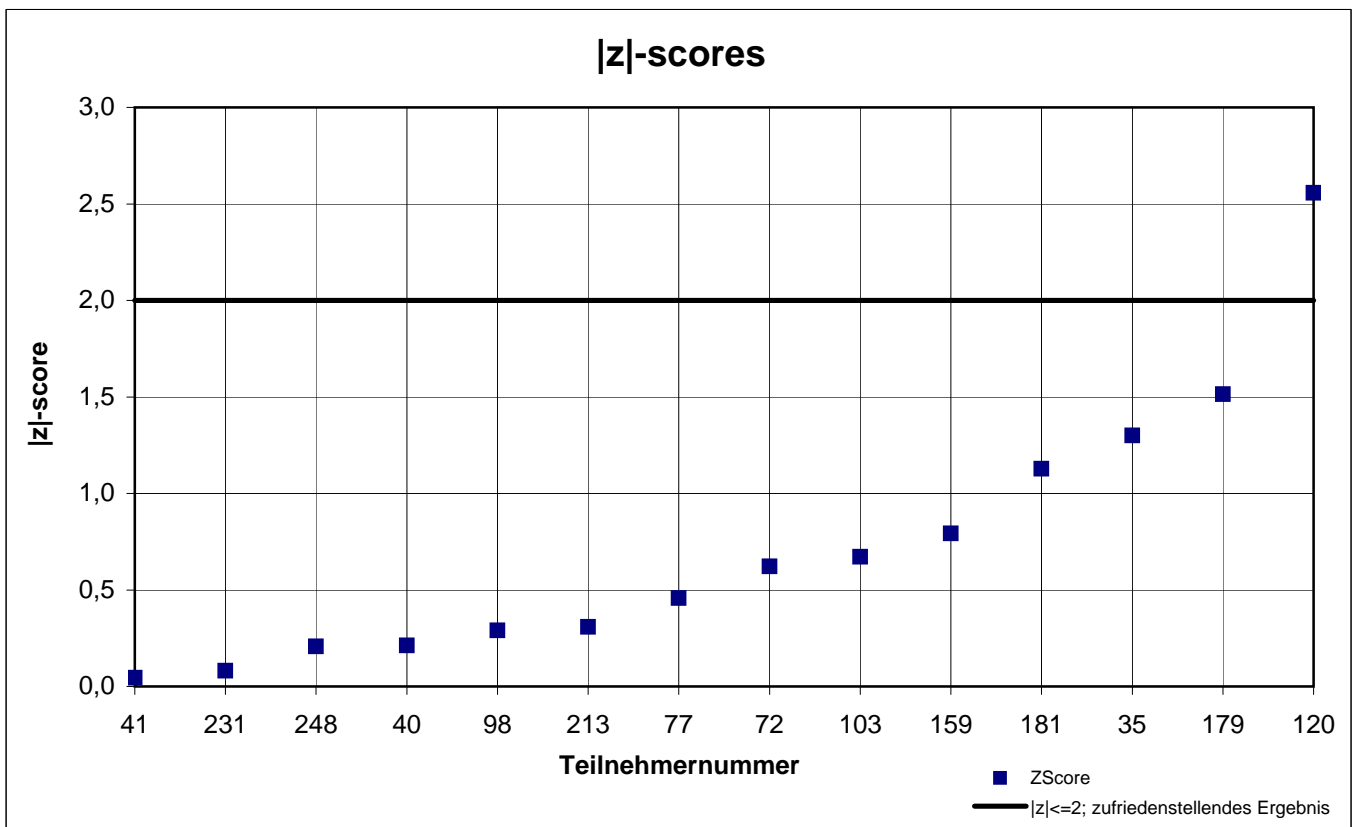
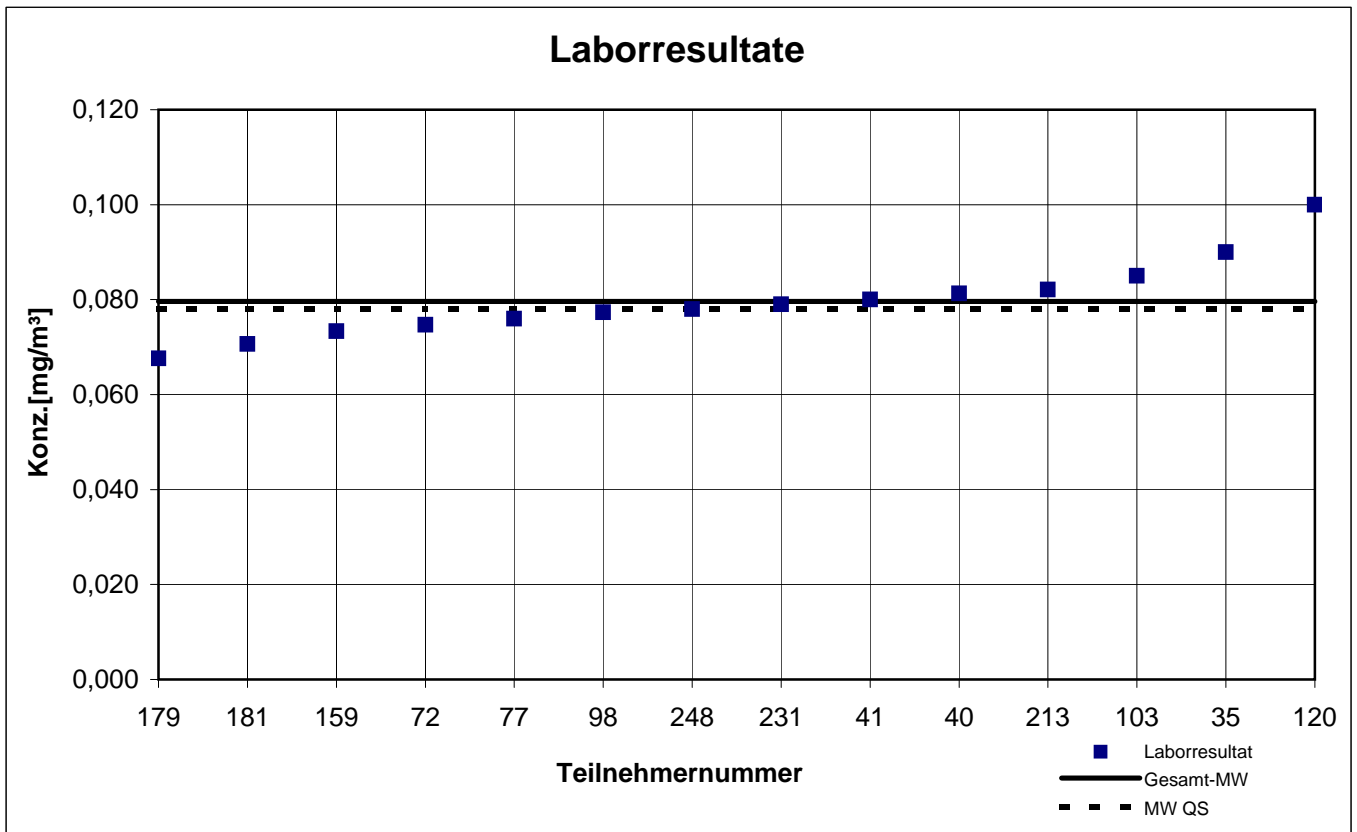
Probe 3

Acetaldehyd



Probe 3

Formaldehyd



Probe 3

Propionaldehyd

