

results sample 1

participant number	Acetaldehyde		Formaldehyde		Propionaldehyde		Acrolein
	result (mg / m ³)	z - score	result (mg / m ³)	z - score	result (mg / m ³)	z - score	result (mg / m ³)
2	0,178	0,3	0,129	0,7	0,173	1,1	0,097
6	0,208	1,4	0,106	1,3	0,178	0,9	k.A.
25	0,198	0,8	0,444	26,8	0,185	0,5	0,047
29	0,140	2,4	0,090	2,5	0,0294	8,5	0,116
46*	0,193	0,5	0,125	0,4	0,184	0,6	k.A.
68	0,173	0,6	0,137	1,3	0,193	0,1	0,053
72	0,194	0,6	0,134	1,1	0,193	0,1	0,023
121*	0,179	0,2	0,123	0,2	0,198	0,1	0,033
126	k.A.	k.A.	0,120	0,1	k.A.	k.A.	k.A.
135	0,182	0,1	0,118	0,2	0,243	2,5	k.A.
230*	0,165	1,0	0,117	0,3	0,179	0,8	0,031
250	0,191	0,4	0,110	0,9	0,207	0,6	k.A.
267	0,199	0,9	0,140	1,6	0,210	0,8	k.A.

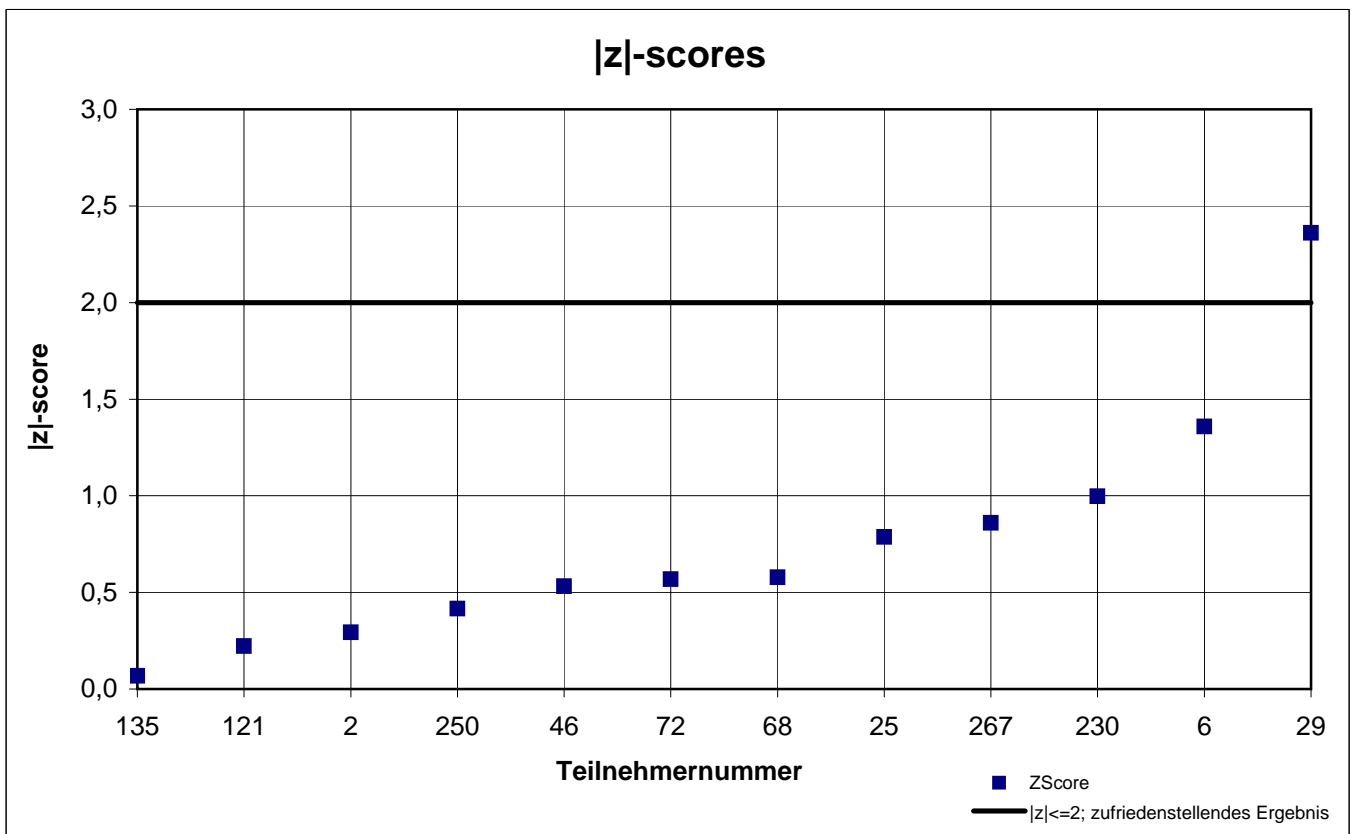
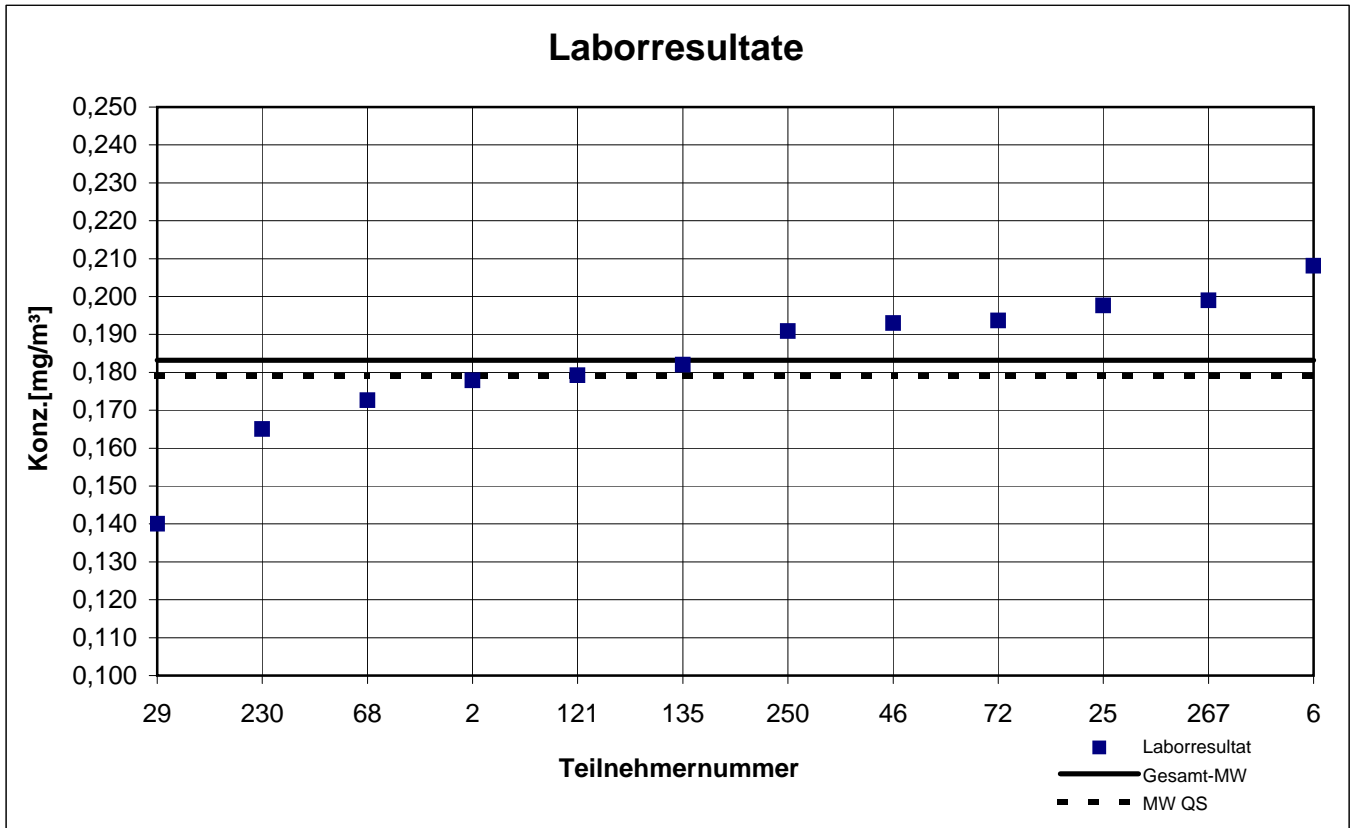
marked  fields are outliers

* on site sampling

	Acet- aldehyde	Form- aldehyde	Propion- aldehyde	Acrolein
mean c_k [mg / m ³]	0,183	0,121	0,195	
standard deviation S_k [mg / m ³]	0,018	0,014	0,020	
rel. standard deviation [%]	10,01	11,74	10,21	
mean value of control samples	0,179	0,124	0,181	0,069

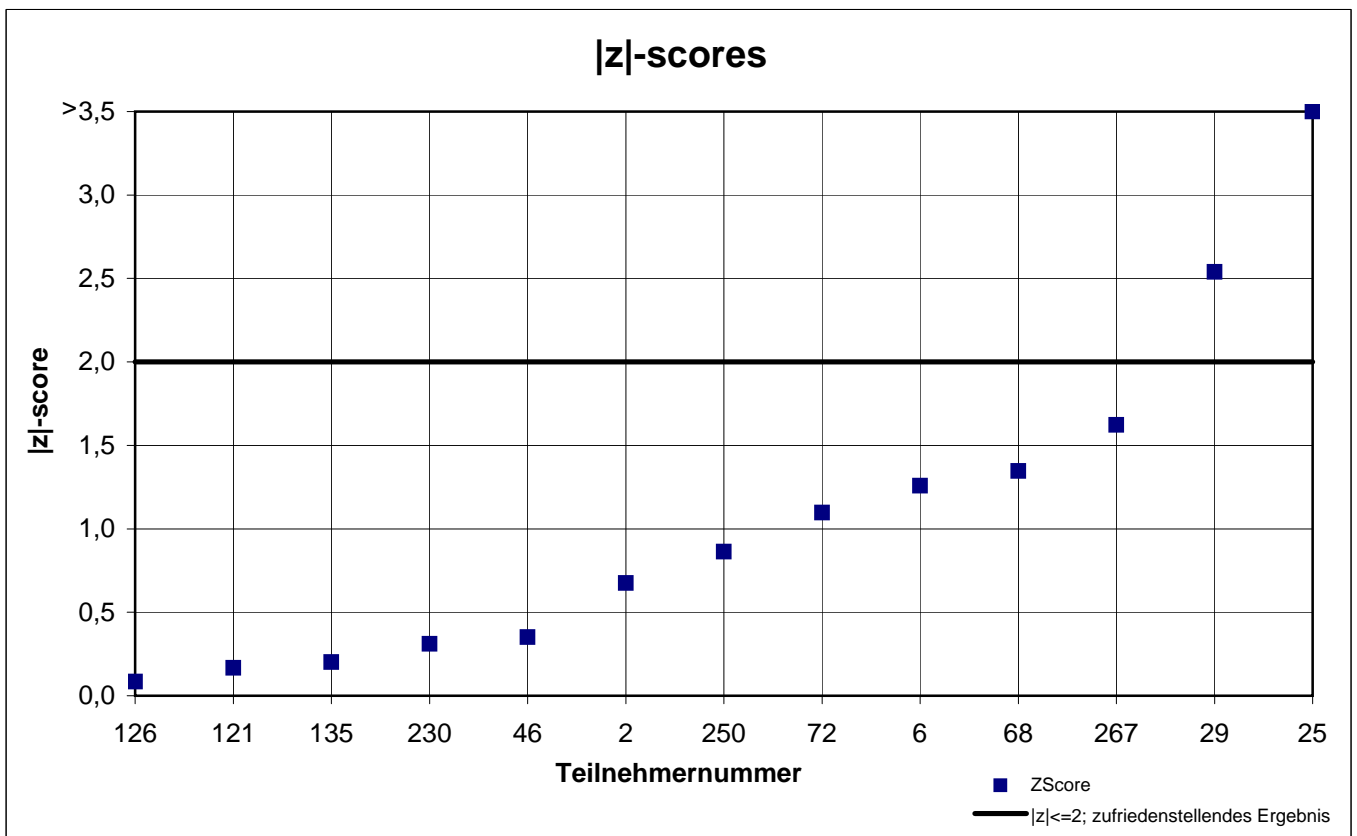
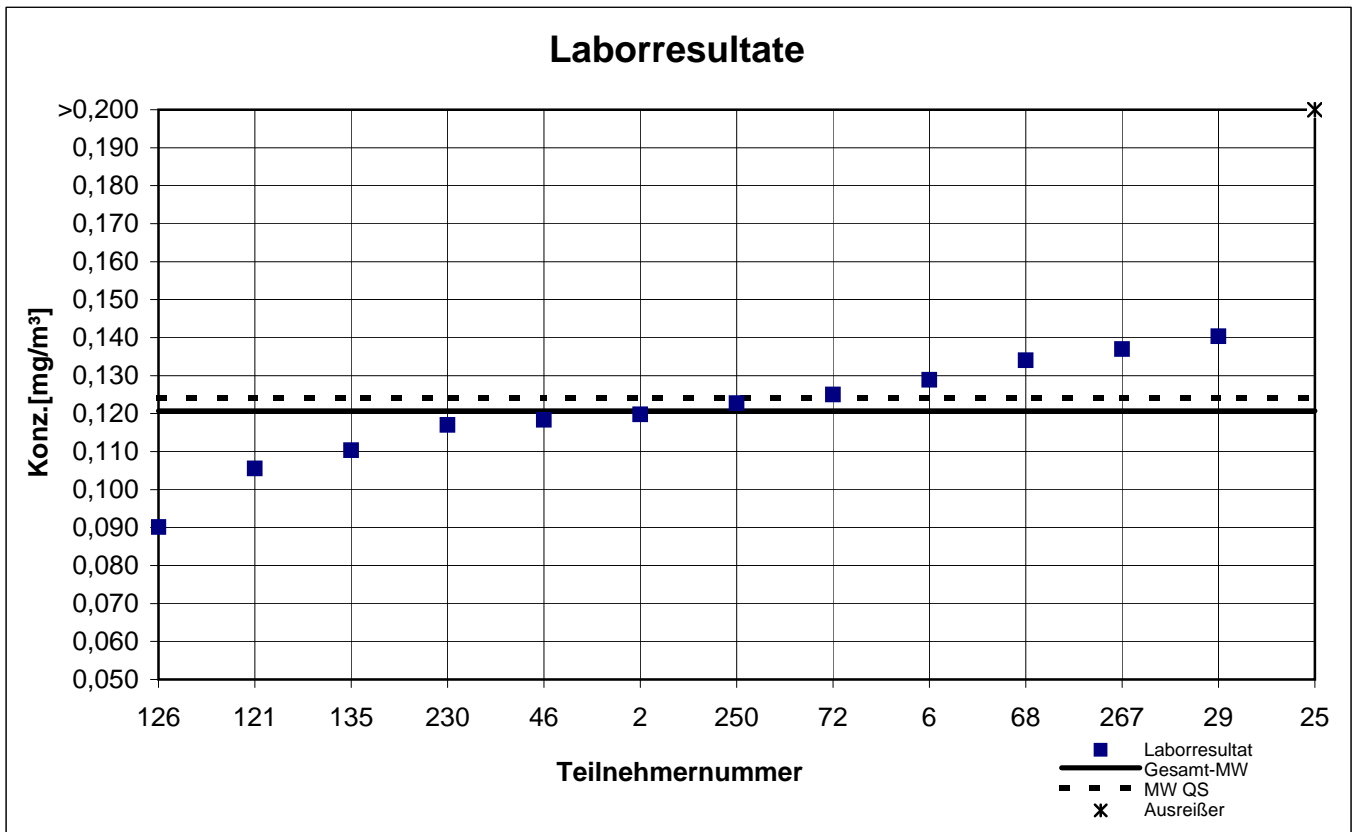
Probe 1

Acetaldehyd



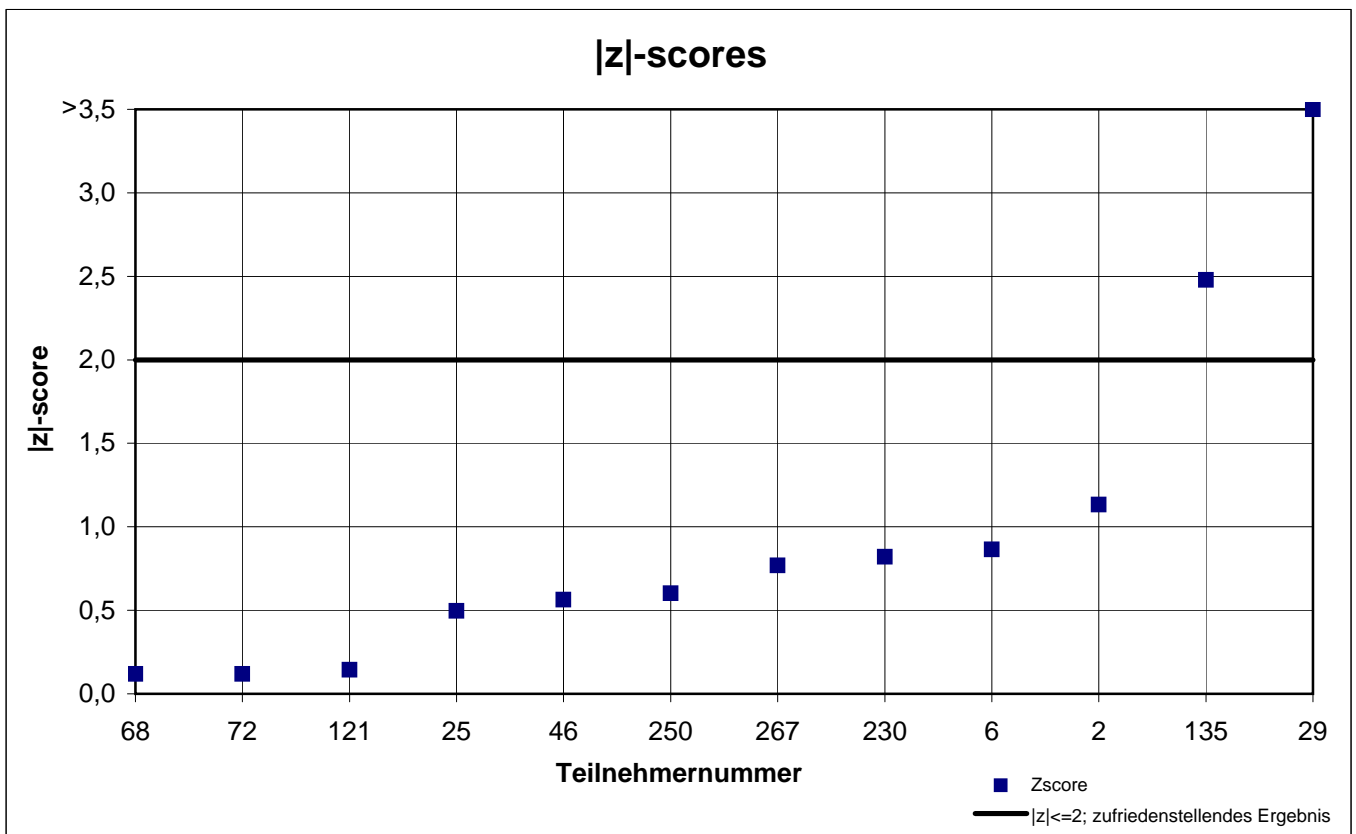
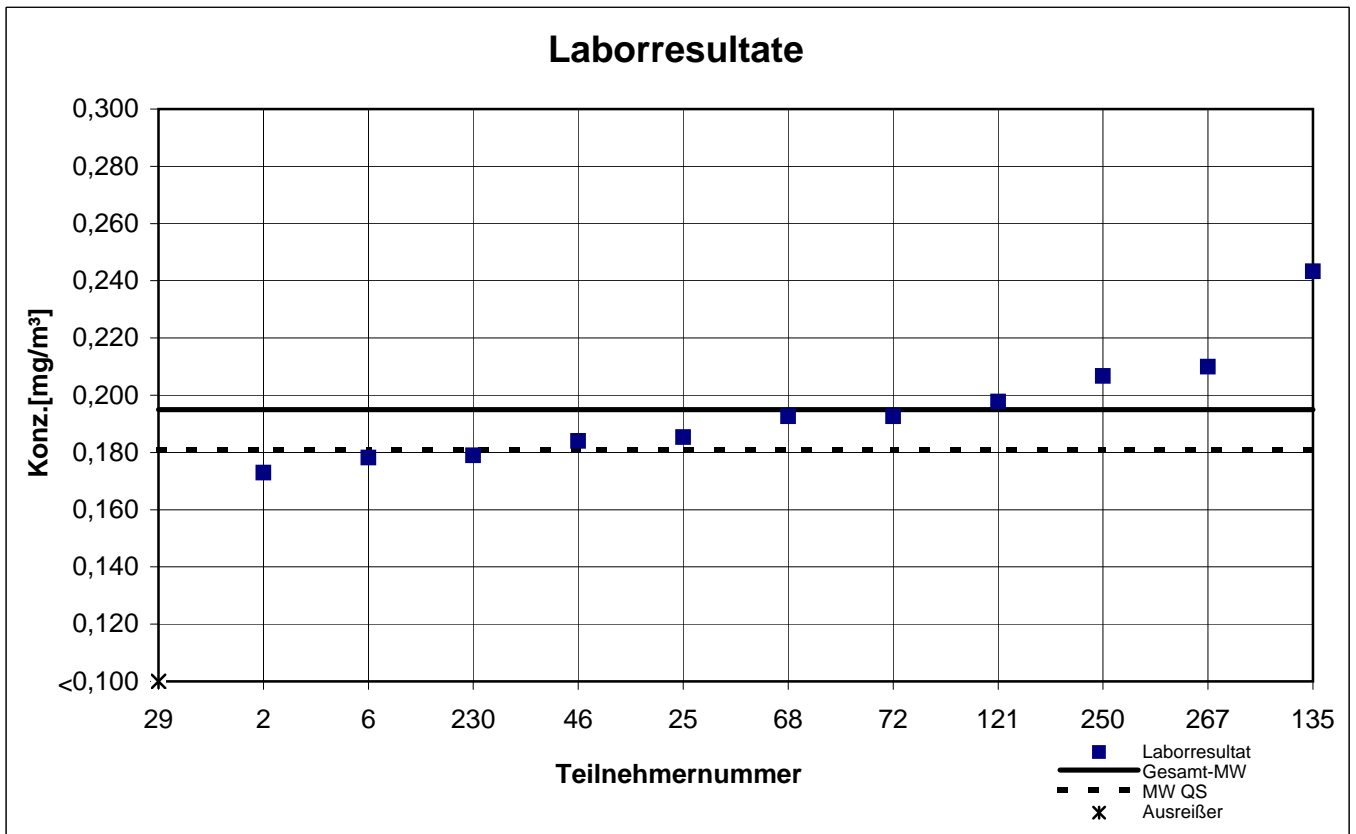
Probe 1

Formaldehyd



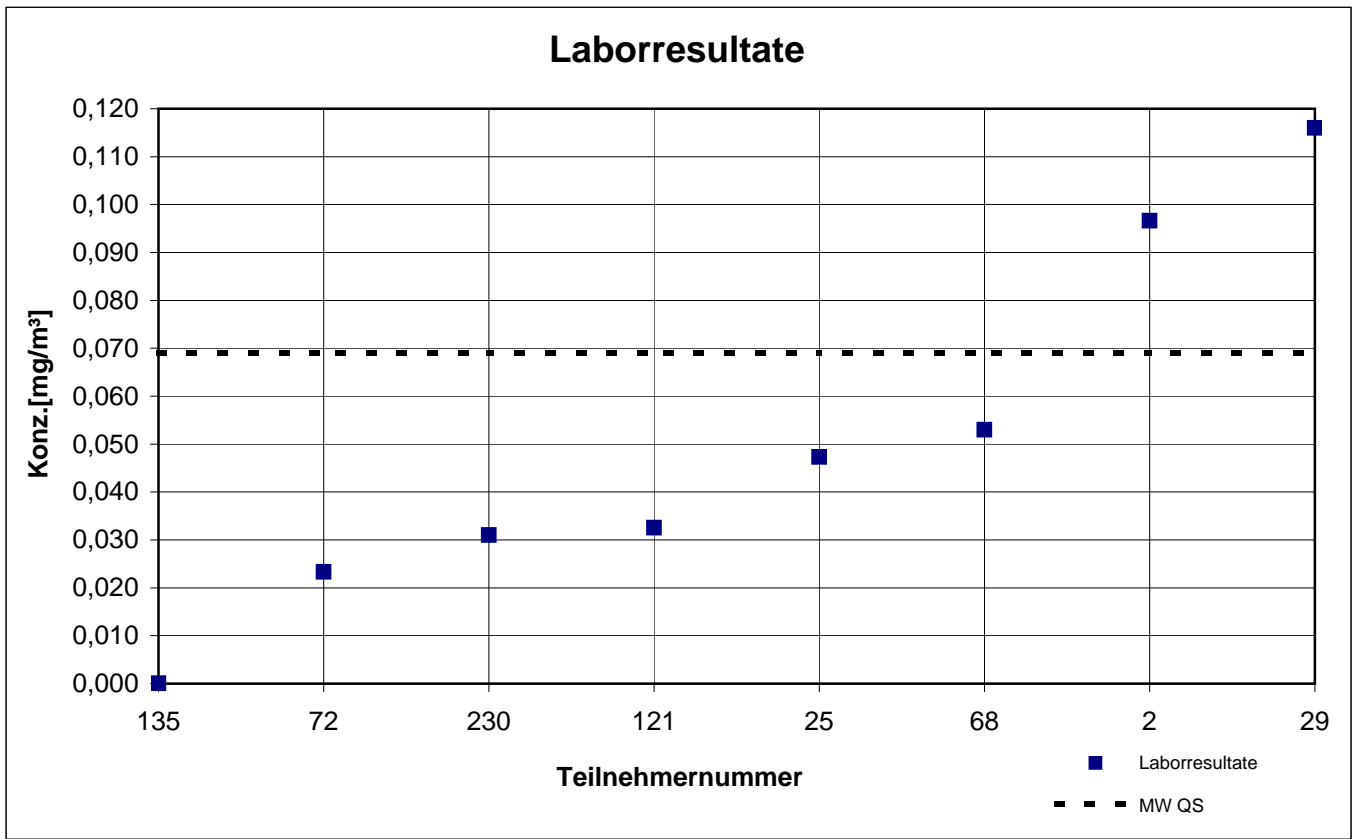
Probe 1

Propionaldehyd



Probe 1

Acrolein



keine z-score-Auswertung

results sample 2

participant number	Acetaldehyde		Formaldehyde		Propionaldehyde		Acrolein
	result (mg / m ³)	z - score	result (mg / m ³)	z - score	result (mg / m ³)	z - score	result (mg / m ³)
2	0,478	0,4	0,054	1,5	0,460	0,2	0,1
6	0,457	0,0	0,046	0,2	0,440	0,6	k.A.
25	0,431	0,6	0,094	10,1	0,405	1,4	0,0
29	0,366	2,0	0,037	2,0	0,020	9,6	0,3
46*	0,519	1,3	0,045	0,5	0,500	0,7	k.A.
68	0,469	0,2	0,075	6,2	0,530	1,3	k.A.
72	0,478	0,4	0,046	0,2	0,458	0,2	0,0
121*	0,479	0,4	0,047	0,0	0,467	0,0	0,1
126	k.A.	k.A.	0,045	0,4	k.A.	k.A.	k.A.
135	0,482	0,5	0,051	1,0	0,516	1,0	0,0
230*	0,479	0,4	0,040	1,4	0,504	0,7	0,0
250	0,412	1,0	0,043	0,7	0,409	1,3	0,0
267	0,768	6,7	0,060	2,9	0,806	7,2	k.A.

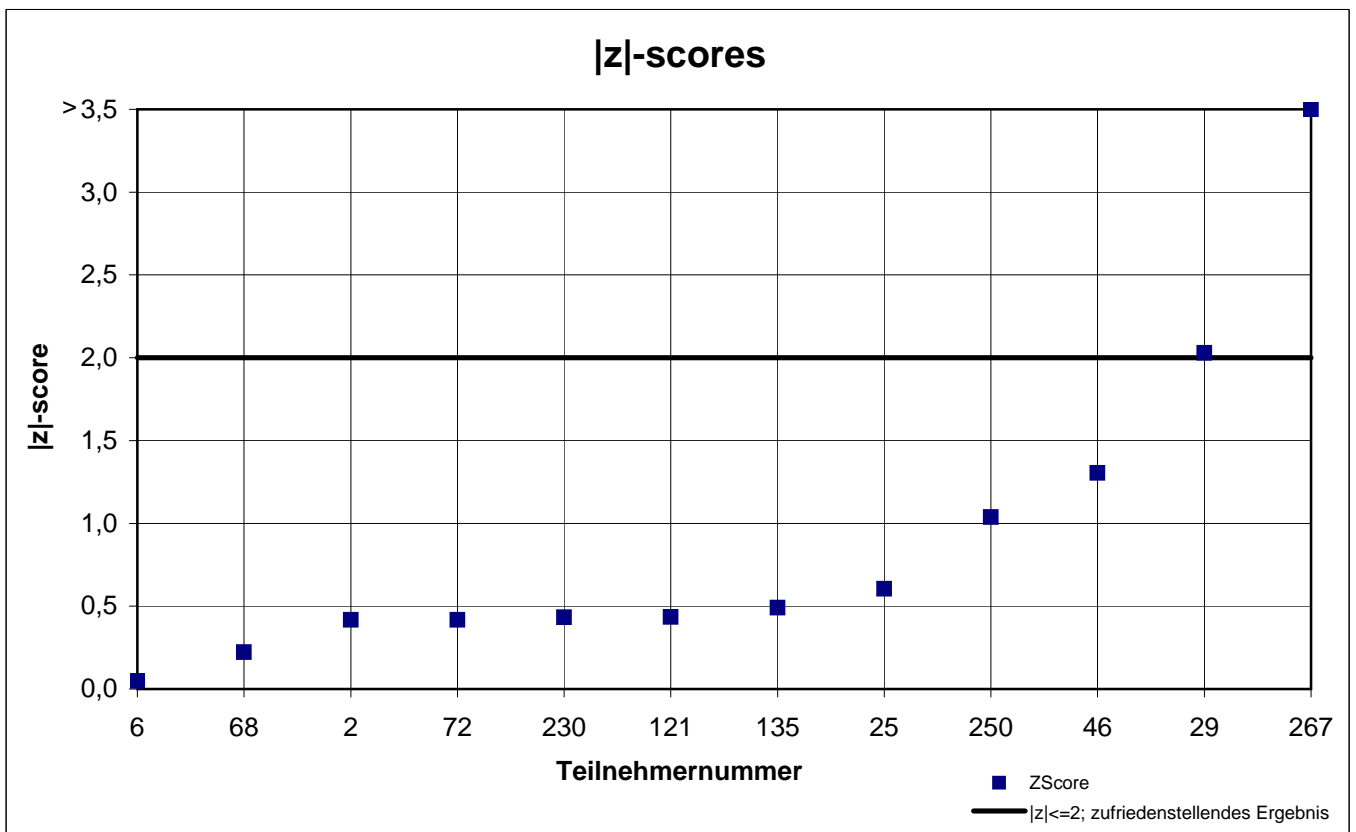
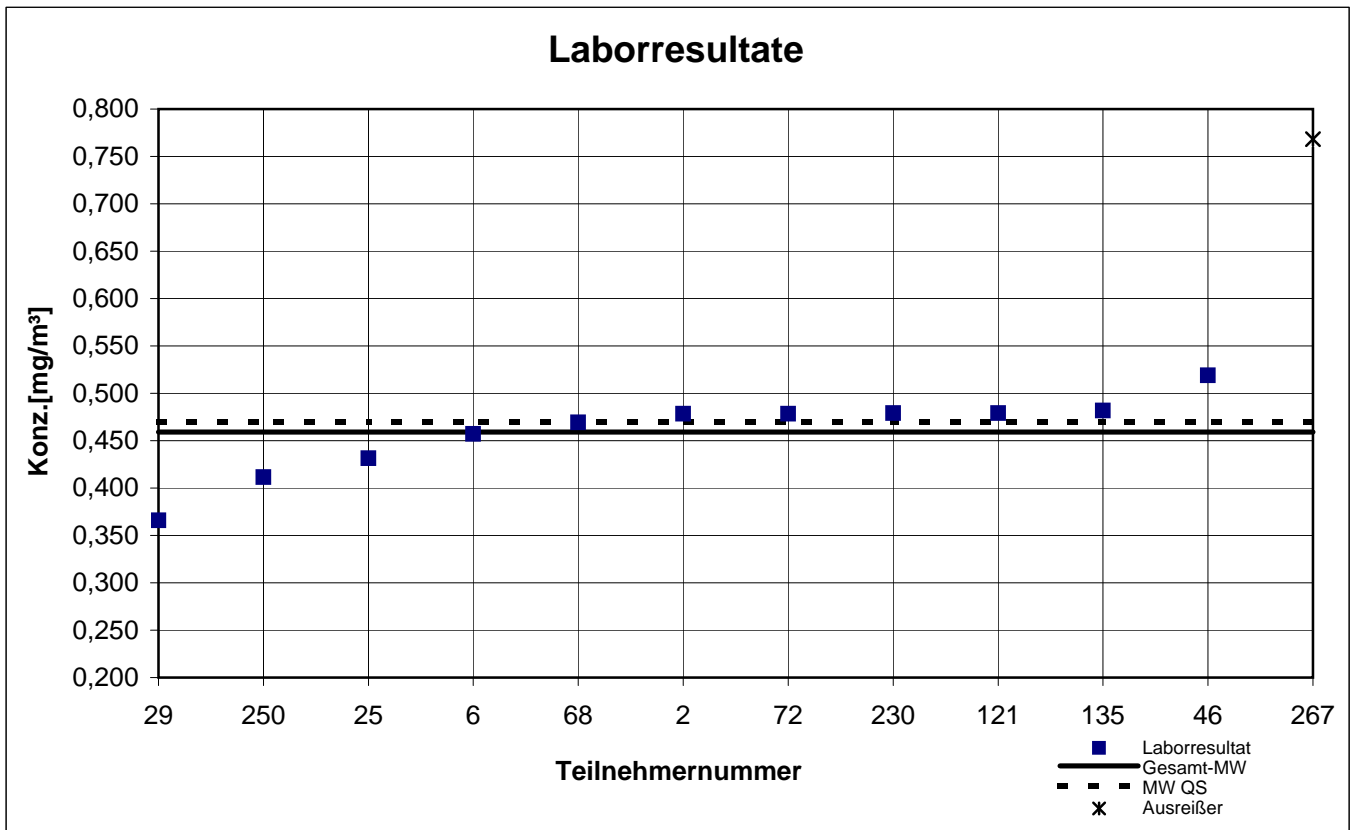
marked  fields are outliers

* on site sampling

	Acet- aldehyde	Form- aldehyde	Propion- aldehyde	Acrolein
mean c_k [mg / m ³]	0,459	0,047	0,469	
standard deviation S_k [mg / m ³]	0,042	0,006	0,043	
rel. standard deviation [%]	9,10	13,48	9,22	
mean value of control samples	0,470	0,048	0,444	0,042

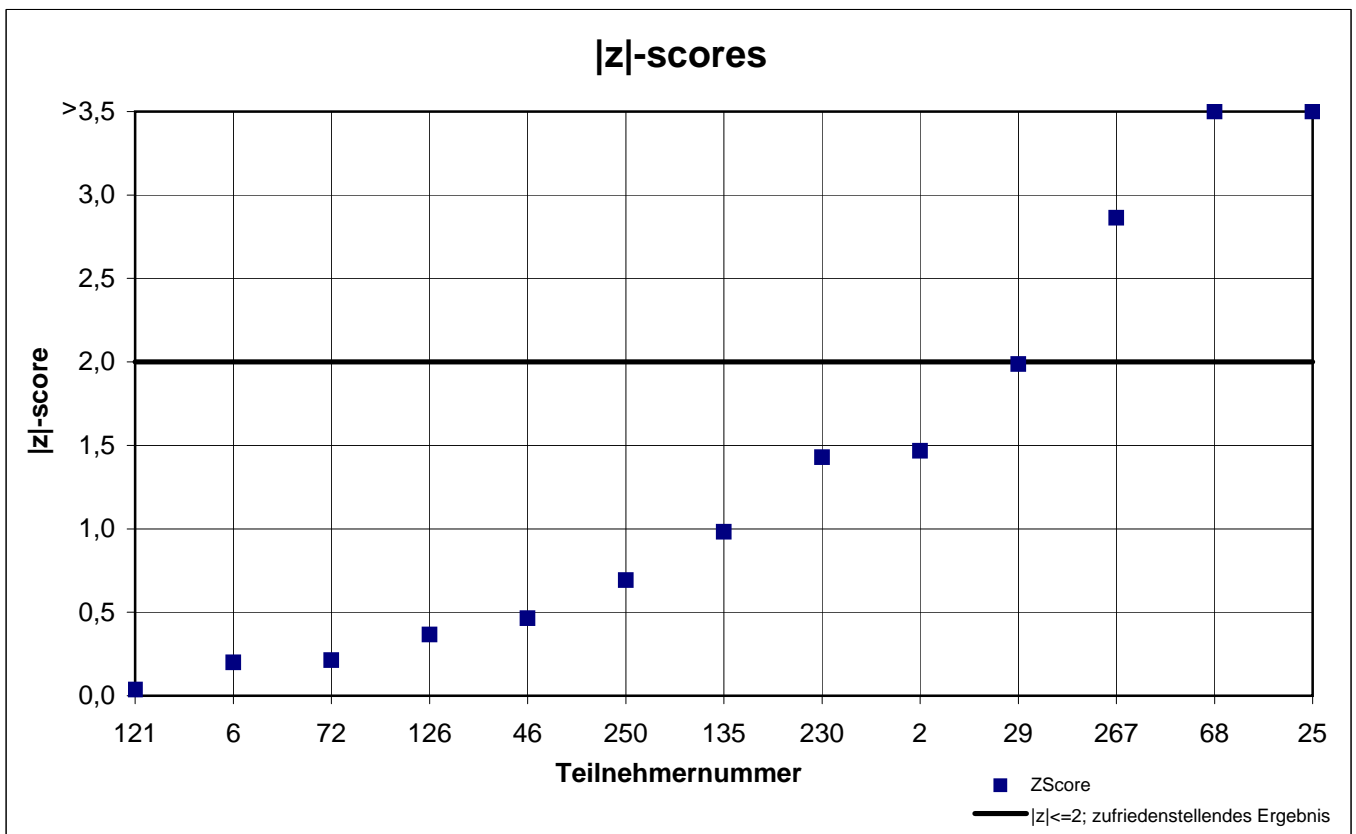
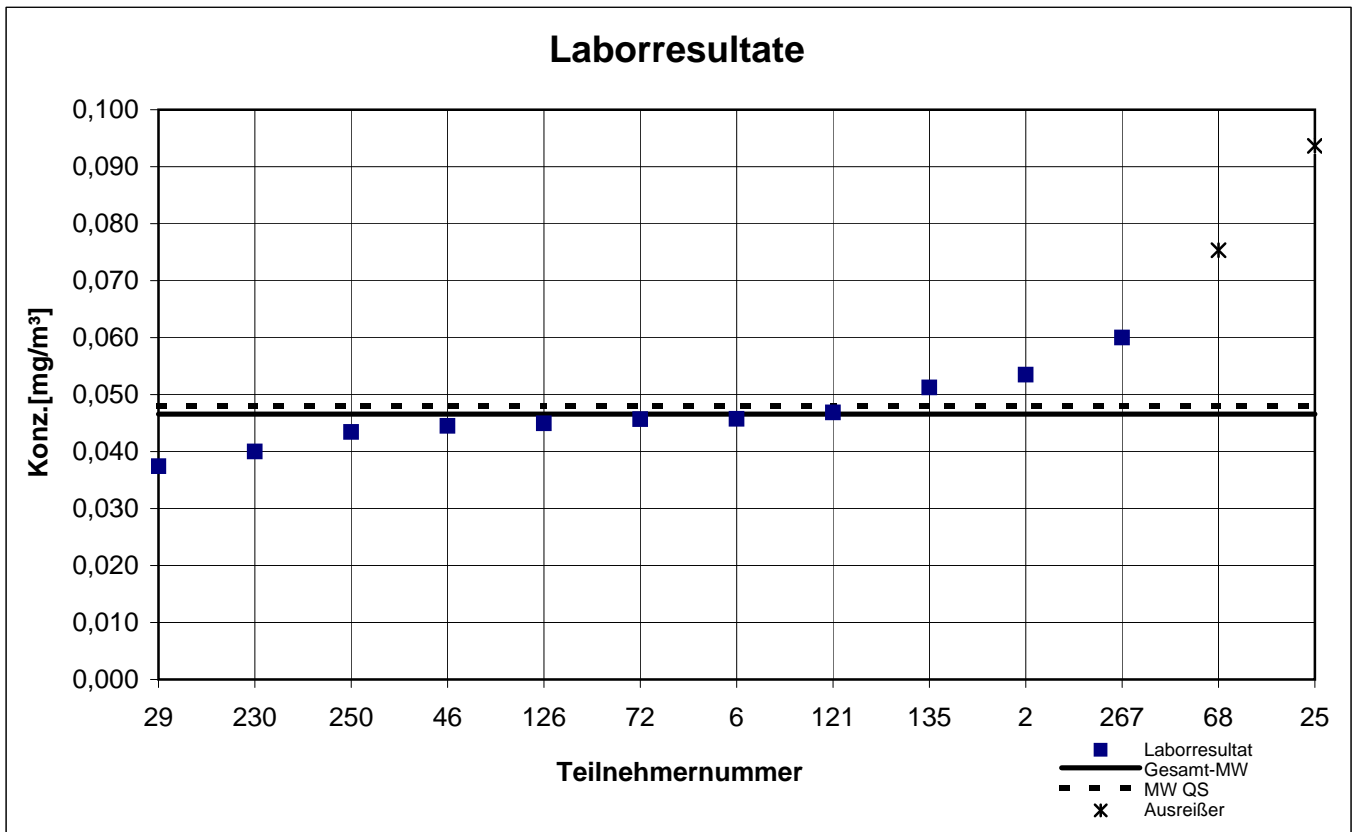
Probe 2

Acetaldehyd



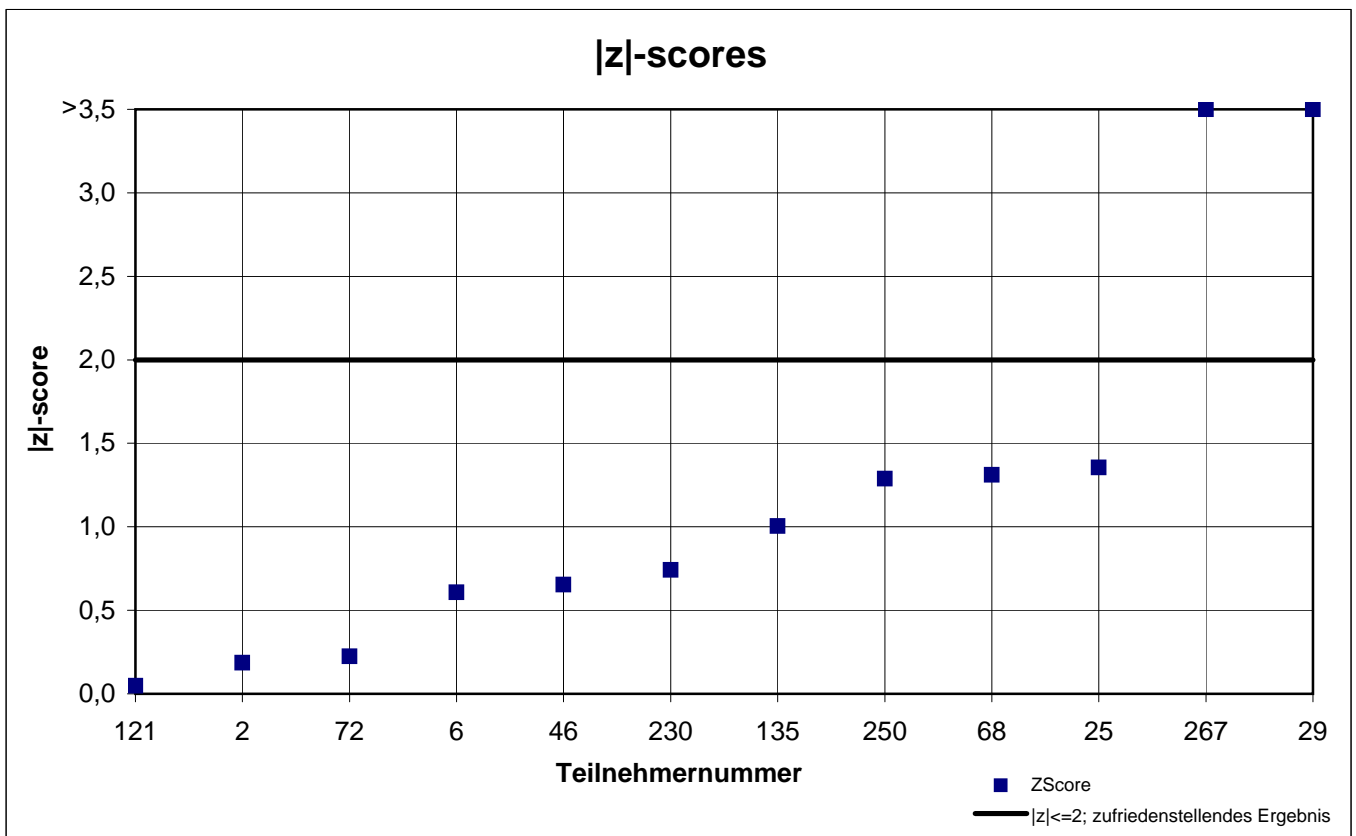
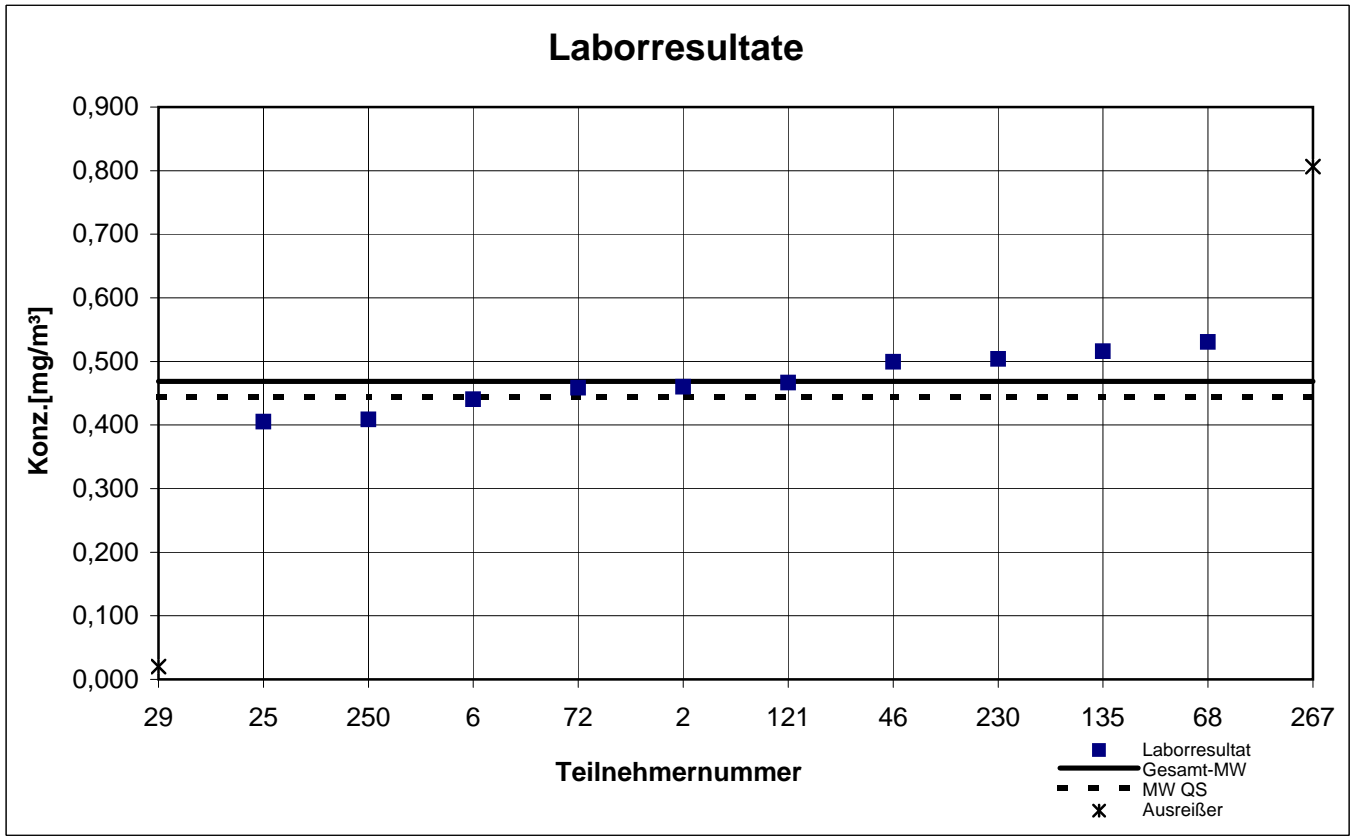
Probe 2

Formaldehyd



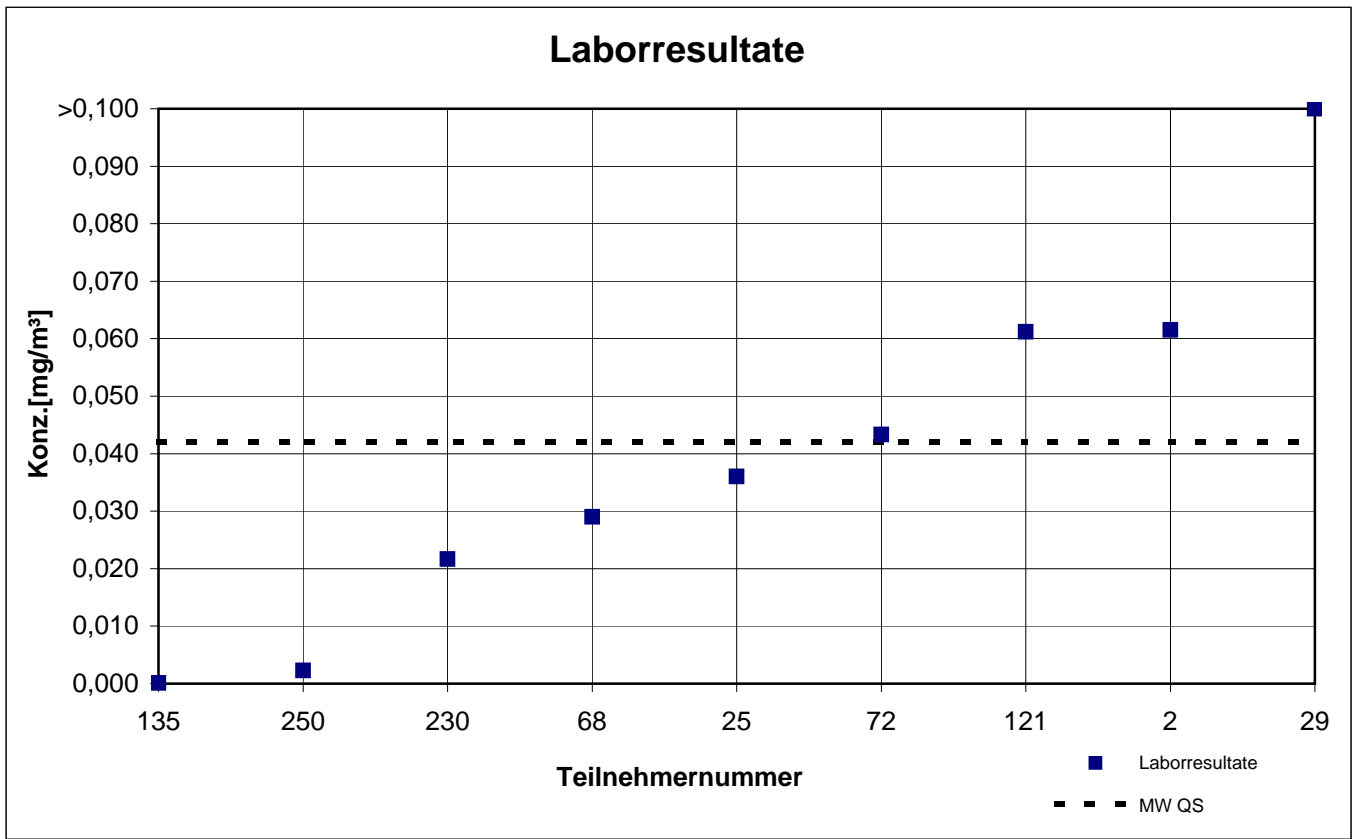
Probe 2

Propionaldehyd



Probe 2

Acrolein



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results sample 3

participant number	Acetaldehyde		Formaldehyde		Propionaldehyde		Acrolein result (mg / m ³)
	result (mg / m ³)	z - score	result (mg / m ³)	z - score	result (mg / m ³)	z - score	
2	0,942	0,6	0,072	0,5	0,895	0,8	0,1
6	0,939	0,6	0,064	0,7	0,906	0,7	k.A.
25	1,013	0,1	0,177	15,6	0,949	0,3	0,1
29	0,712	2,9	0,047	3,2	0,032	9,7	0,6
46*	1,066	0,7	0,064	0,7	0,971	0,1	0,0
68	0,936	0,6	0,074	0,7	1,049	0,7	0,0
72	1,059	0,6	0,073	0,6	1,009	0,3	0,1
121*	1,007	0,1	0,071	0,3	0,961	0,2	0,1
126	k.A.	k.A.	0,066	0,5	k.A.	k.A.	k.A.
135	0,982	0,2	0,066	0,5	1,015	0,4	k.A.
230*	1,095	1,0	0,062	1,0	1,102	1,3	0,0
250	0,473	5,3	0,039	4,3	0,541	4,5	0,0
267	0,962	0,4	0,077	1,2	0,921	0,6	k.A.

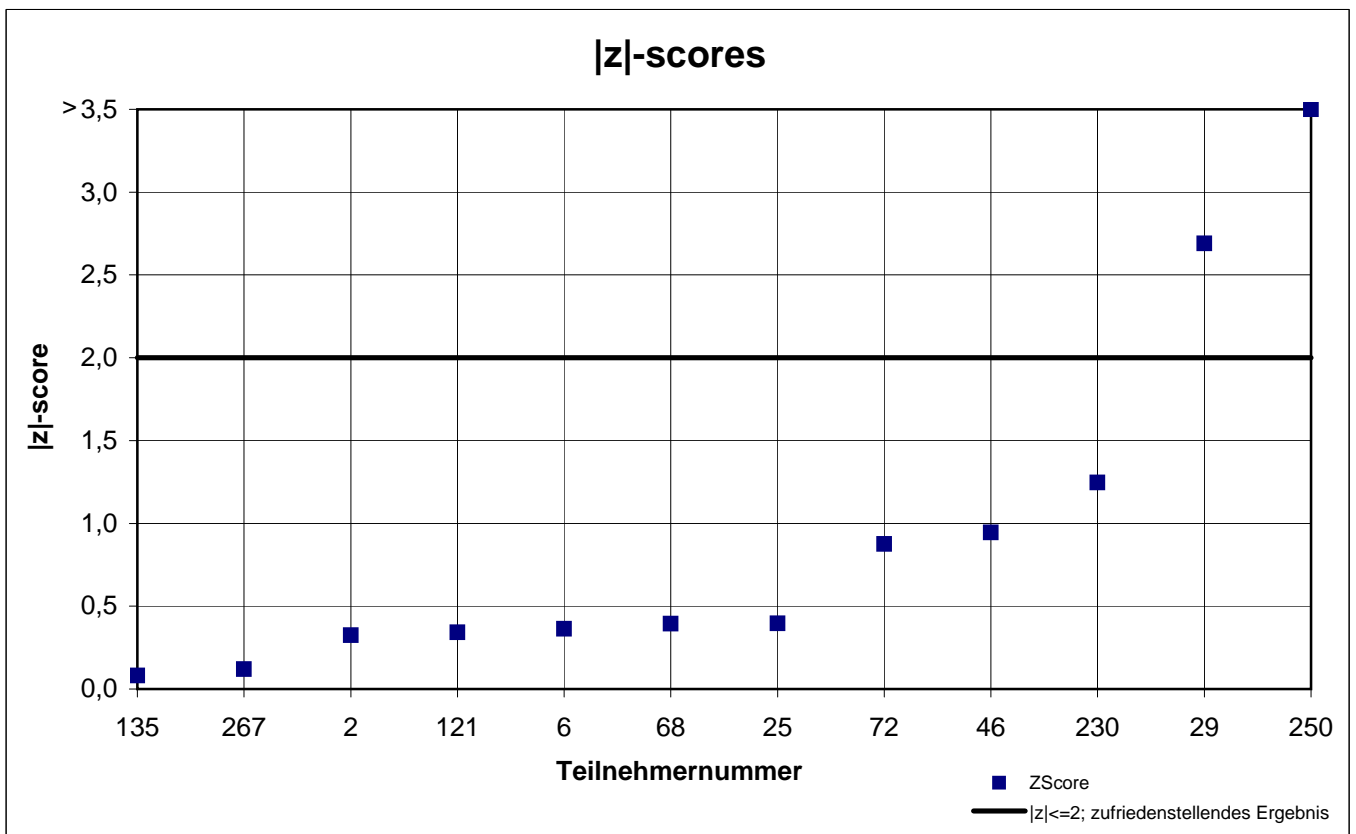
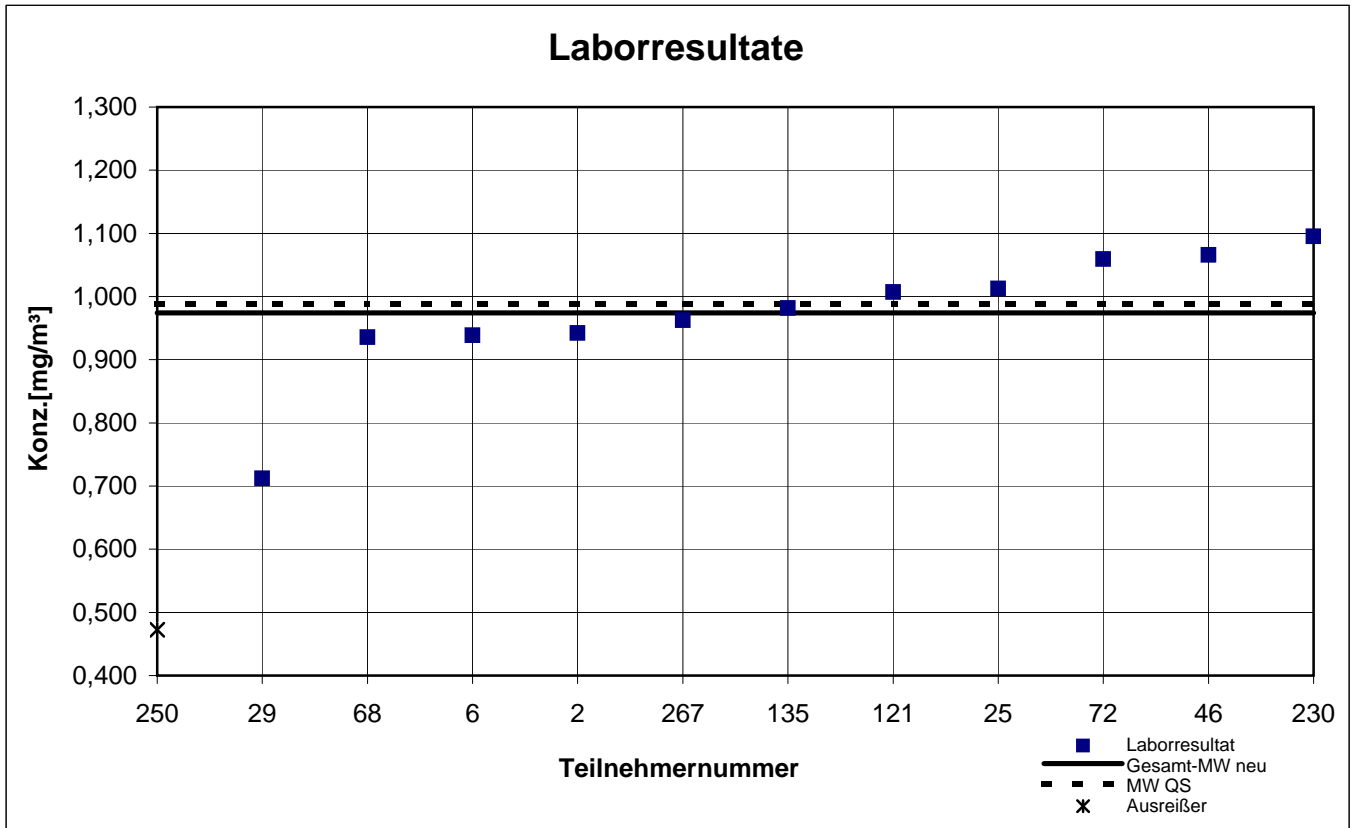
marked fields are outliers

* on site sampling

	Acet- aldehyde	Form- aldehyde	Propion- aldehyde	Acrolein
mean c_k [mg / m ³]	0,974	0,069	0,978	
standard deviation S_k [mg / m ³]	0,103	0,005	0,066	
rel. standard deviation [%]	10,55	7,49	6,75	
mean value of control samples	0,988	0,069	0,927	0,069

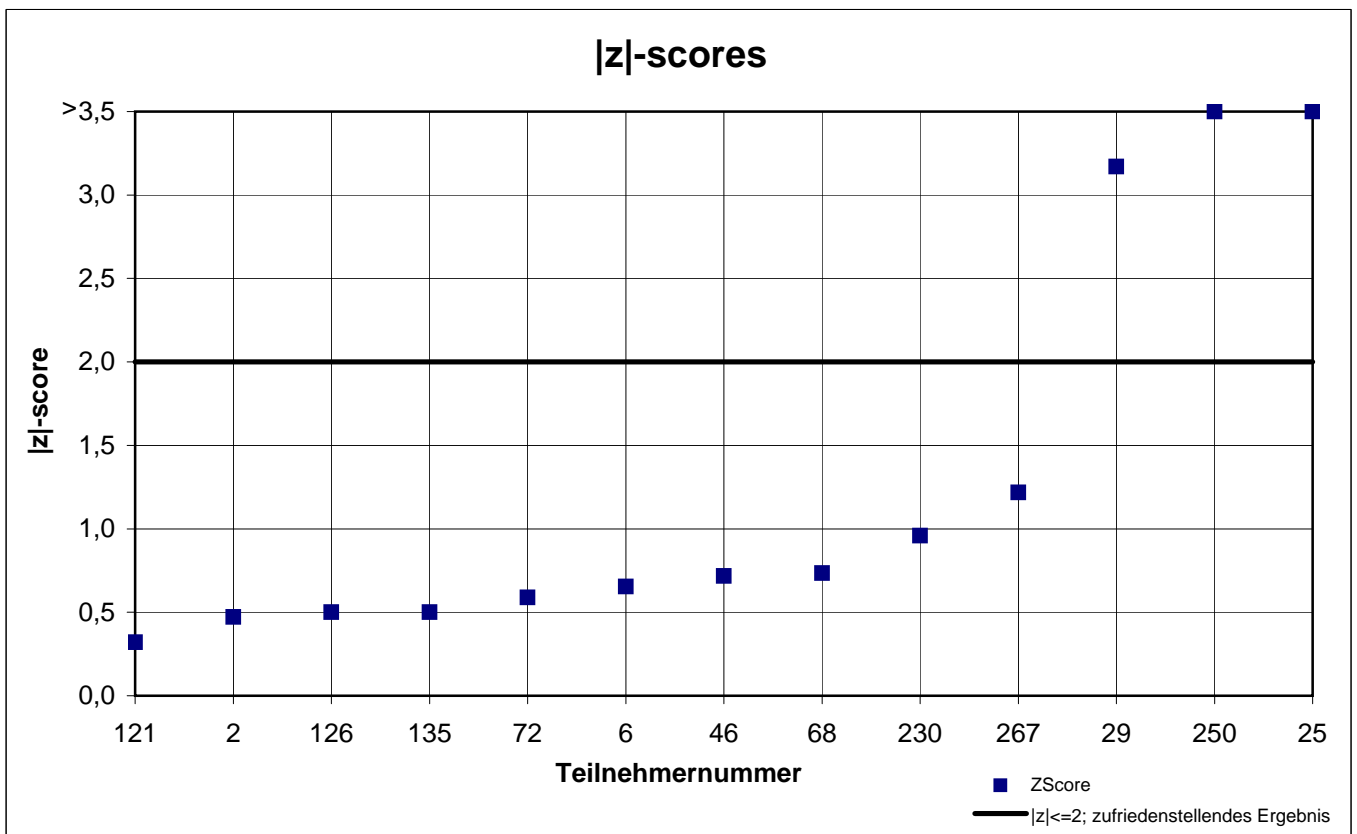
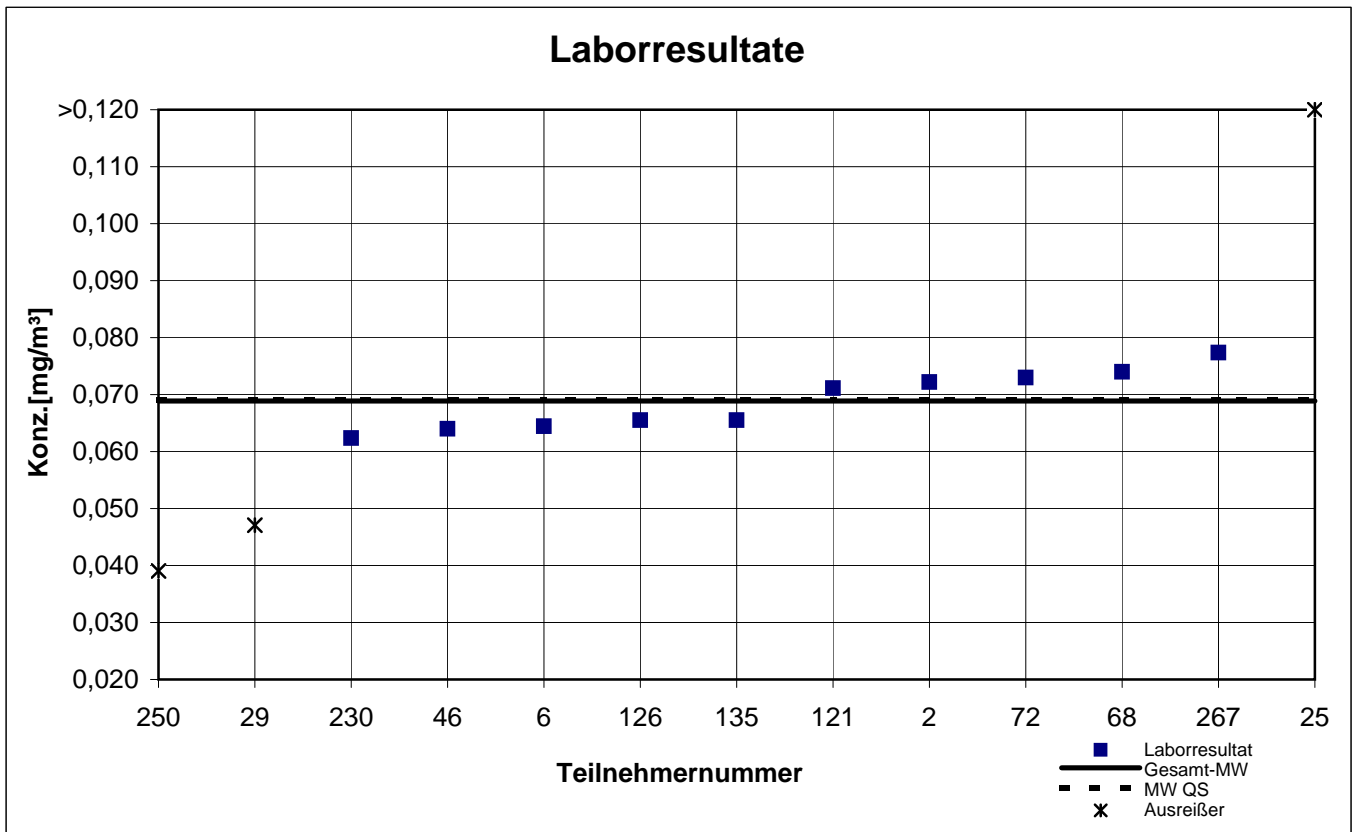
Probe 3

Acetaldehyd



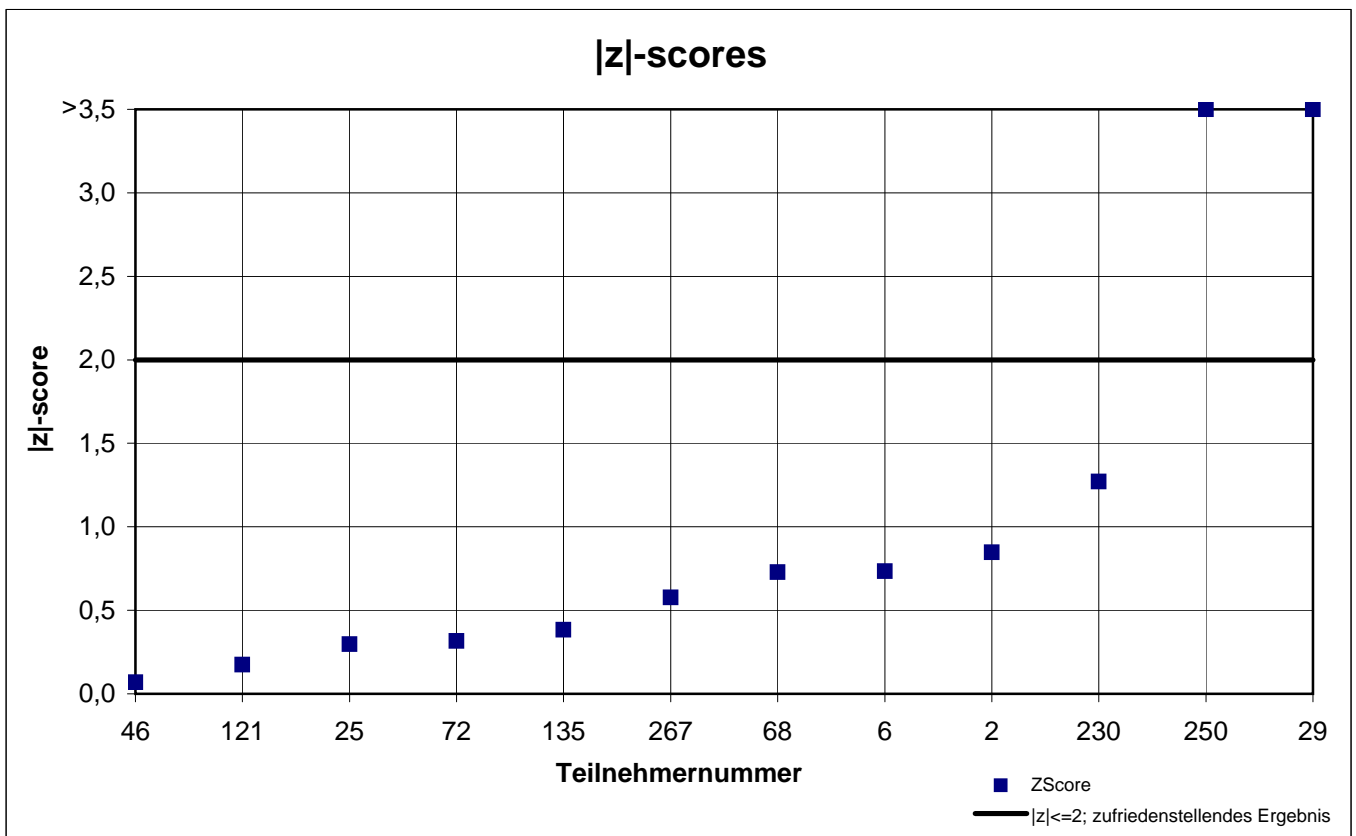
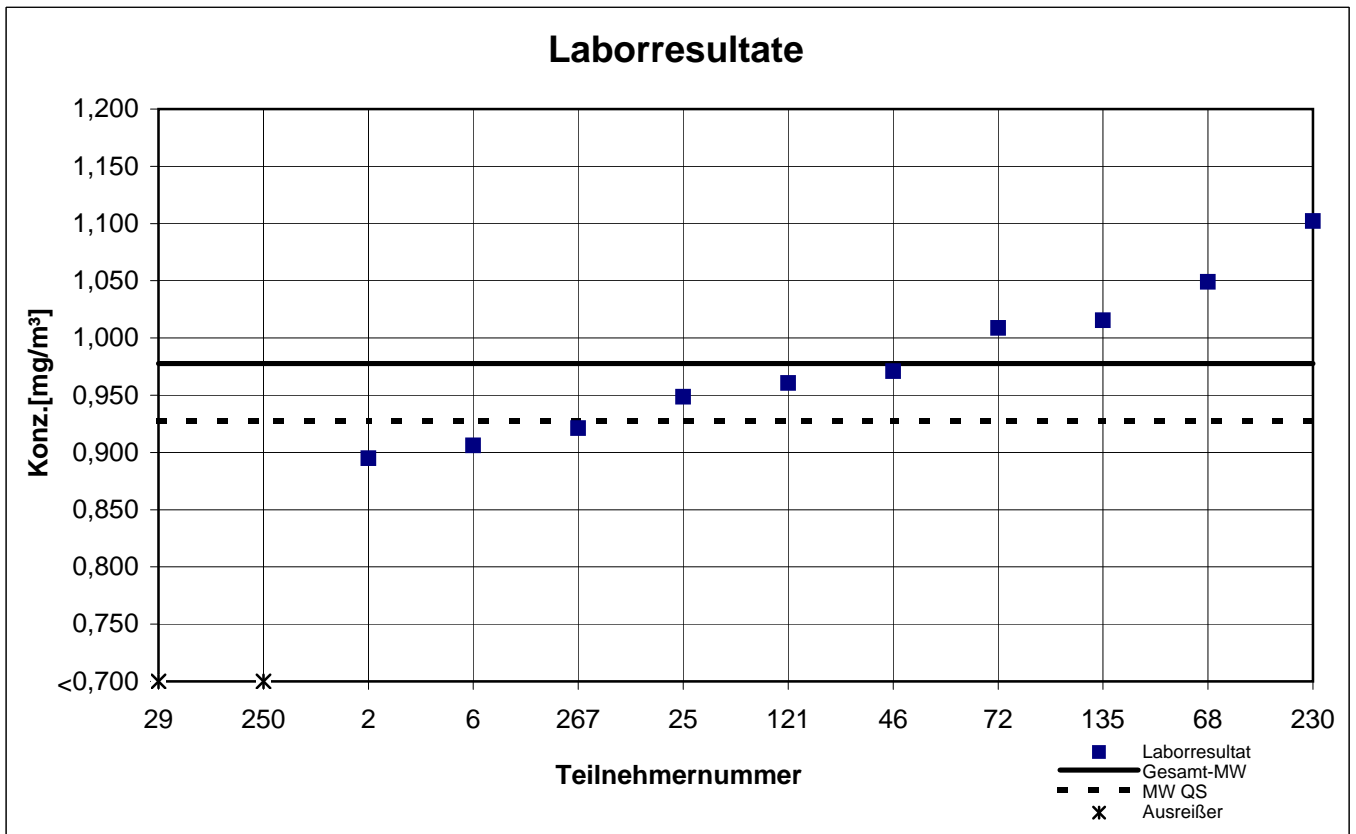
Probe 3

Formaldehyd



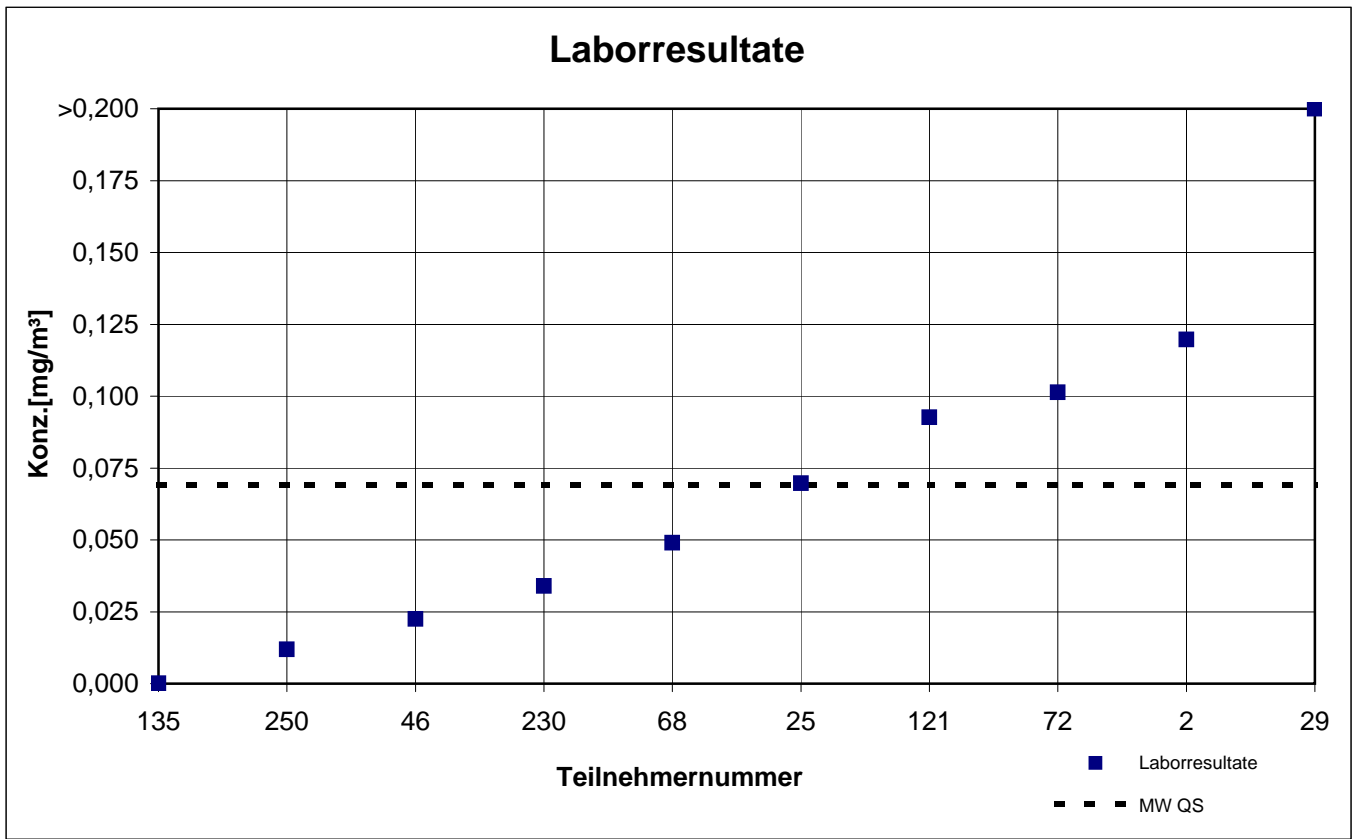
Probe 3

Propionaldehyd



Probe 3

Acrolein



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