

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
 Data File : VW026766.D
 Acq On : 18 Aug 2023 13:44
 Operator : SY/MD
 Sample : 04037-03
 Misc : 5.43g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 18 23:43:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 18 23:42:21 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

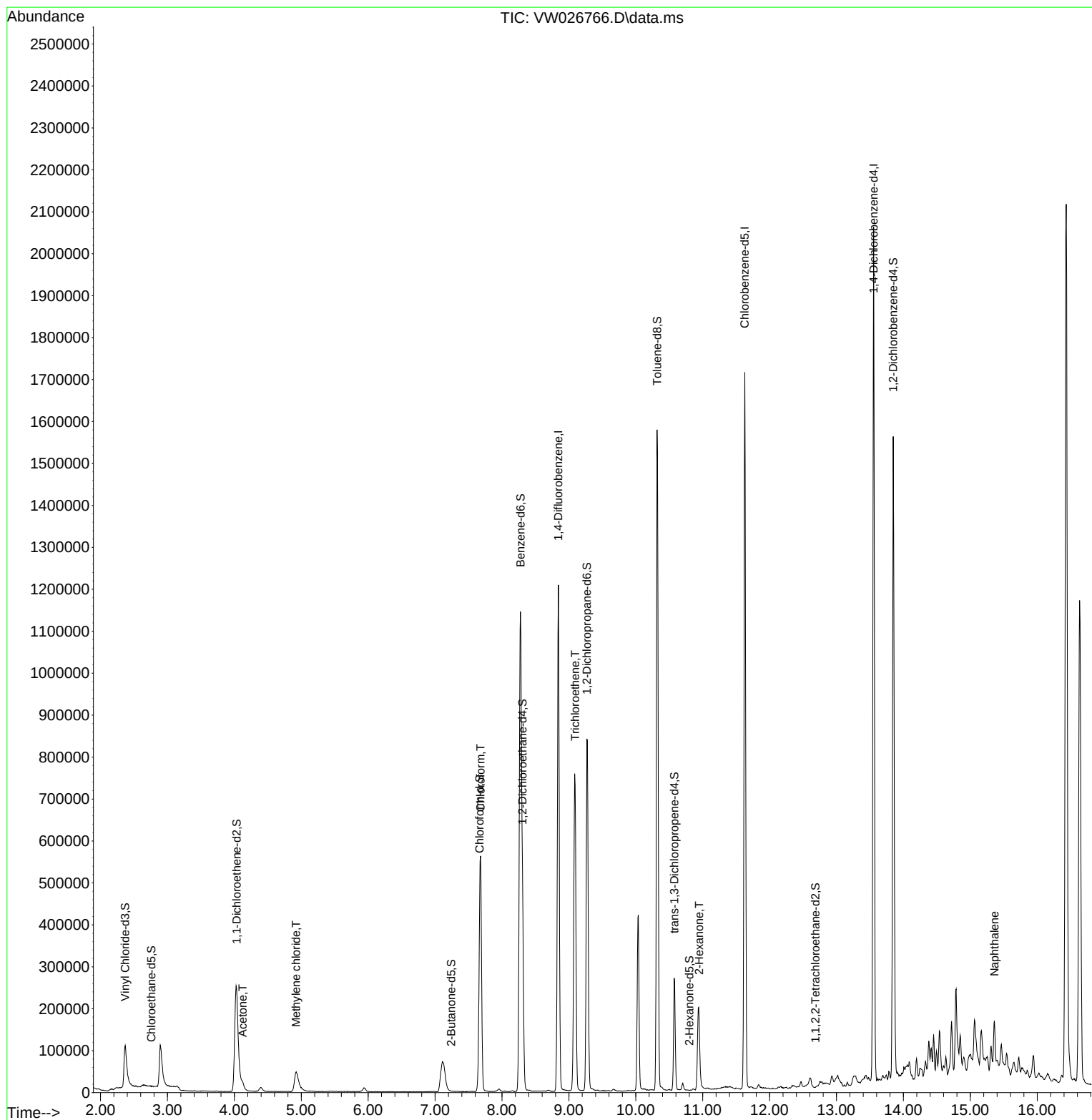
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	921511	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	888069	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	484165	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	199257	13.153	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.600%
7) Chloroethane-d5	2.759	69	251	0.022	ug/L	-0.13
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.080%#
11) 1,1-Dichloroethene-d2	4.033	65	114060	15.309	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.240%
21) 2-Butanone-d5	7.240	46	293	0.067	ug/L	0.16
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.140%#
24) Chloroform-d	7.667	84	35607	1.151	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	4.600%#
26) 1,2-Dichloroethane-d4	8.307	65	336464	19.713	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.840%
32) Benzene-d6	8.276	84	1167127	19.069	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.280%
36) 1,2-Dichloropropane-d6	9.270	67	398974	20.927	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.720%
41) Toluene-d8	10.319	98	1024741	19.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	10.575	79	145558	18.492	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.960%
47) 2-Hexanone-d5	10.800	63	53	0.026	ug/L	-0.12
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.060%#
56) 1,1,2,2-Tetrachloroeth...	12.684	84	91	0.006	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.040%#
66) 1,2-Dichlorobenzene-d4	13.848	152	357199	20.612	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.440%
Target Compounds					Qvalue	
13) Acetone	4.125	43	23320	5.387	ug/L	90
16) Methylene chloride	4.923	84	48594	2.726	ug/L	87
25) Chloroform	7.679	83	545957	18.065	ug/L	97
34) Trichloroethene	9.093	95	233087	14.151	ug/L	96
48) 2-Hexanone	10.947	43	22728	2.899	ug/L #	79
71) Naphthalene	15.360	128	88433	2.585	ug/L	98

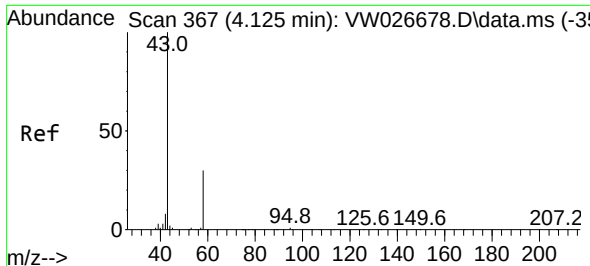
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

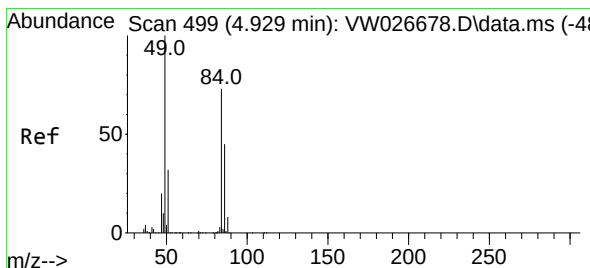
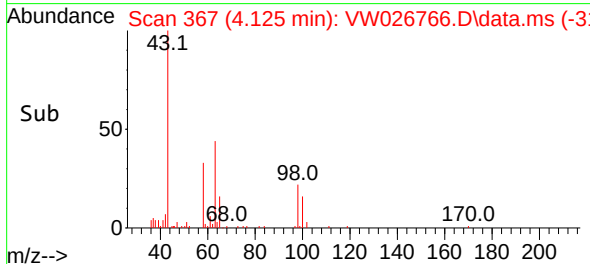
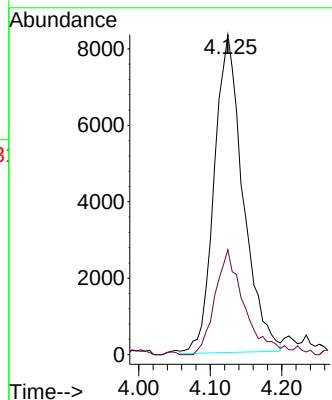
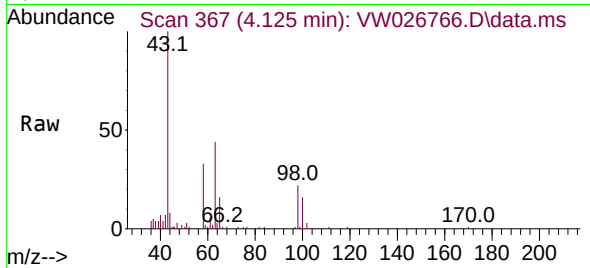




#13
Acetone
Concen: 5.387 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW026766.D
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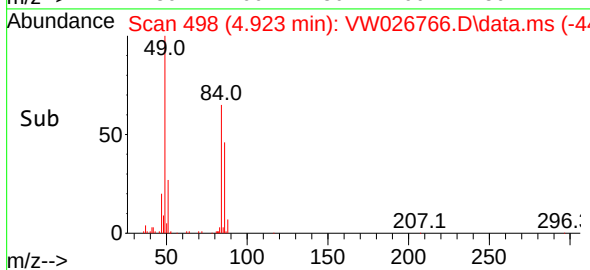
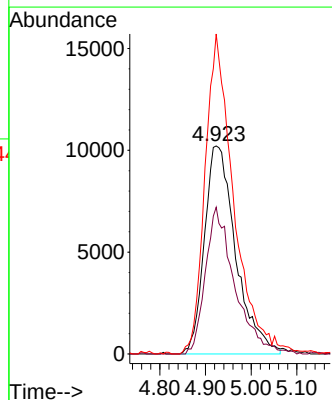
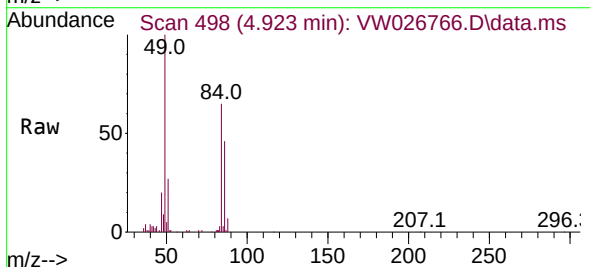
Instrument :
MSVOA_W
ClientSampleId :

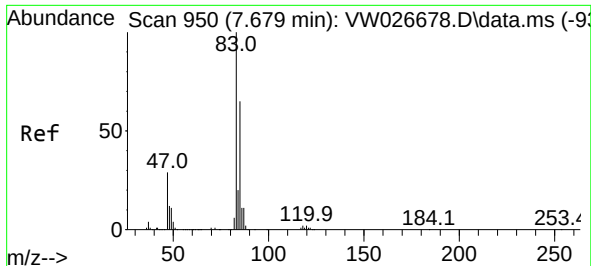
Tgt Ion: 43 Resp: 23320
Ion Ratio Lower Upper
43 100
58 33.9 0.0 57.4



#16
Methylene chloride
Concen: 2.726 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026766.D
Acq: 18 Aug 2023 13:44

Tgt Ion: 84 Resp: 48594
Ion Ratio Lower Upper
84 100
86 70.5 43.5 80.9
49 153.8 96.0 178.2

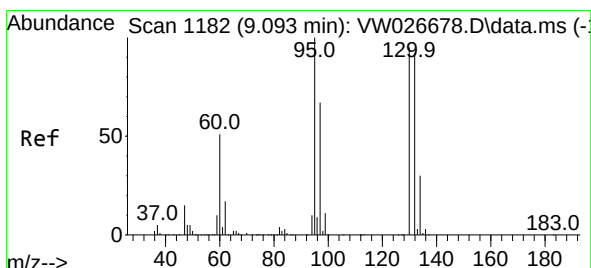
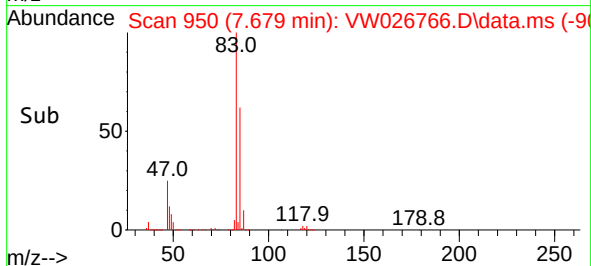
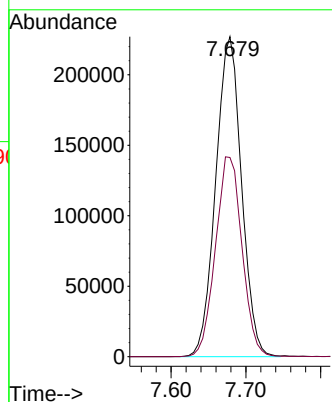
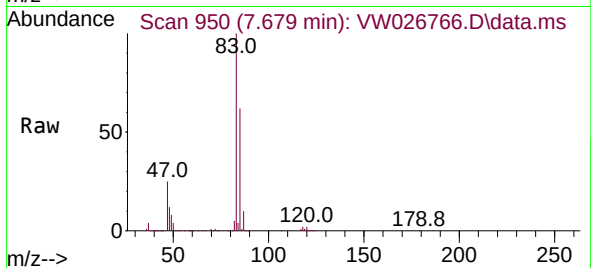




#25
Chloroform
Concen: 18.065 ug/L
RT: 7.679 min Scan# 910
Delta R.T. 0.006 min
Lab File: VW026766.D
Acq: 18 Aug 2023 13:44

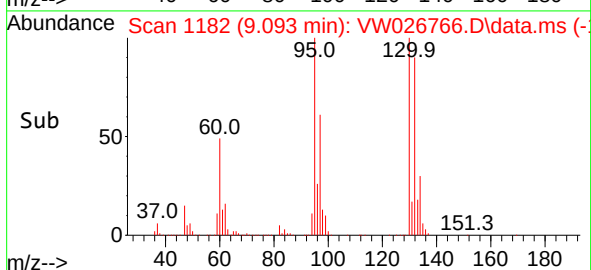
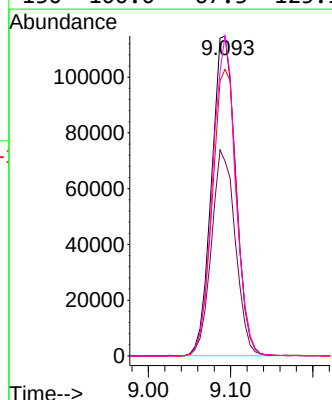
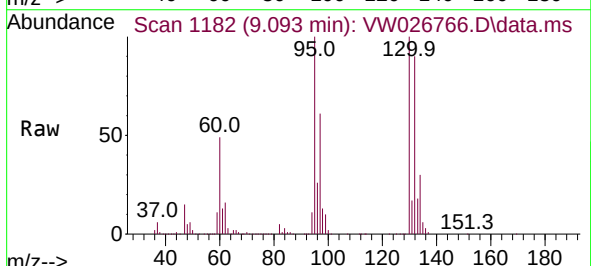
Instrument :
MSVOA_W
ClientSampleId :

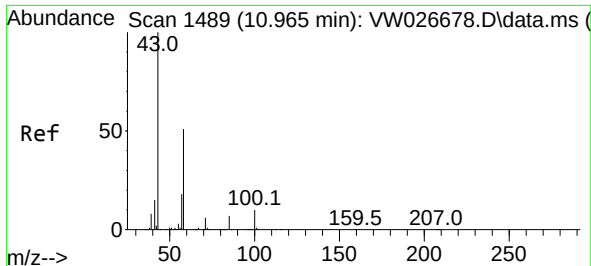
Tgt Ion: 83 Resp: 545957
Ion Ratio Lower Upper
83 100
85 62.3 45.4 84.2



#34
Trichloroethene
Concen: 14.151 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW026766.D
Acq: 18 Aug 2023 13:44

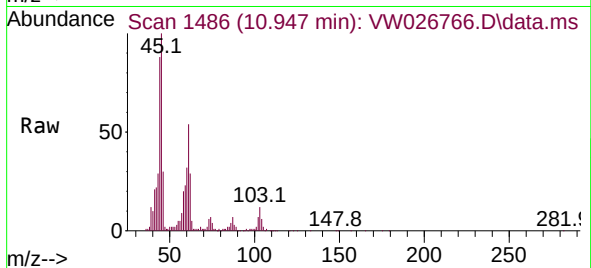
Tgt Ion: 95 Resp: 233087
Ion Ratio Lower Upper
95 100
97 60.9 44.6 82.8
132 89.6 66.4 123.2
130 100.0 67.3 125.1



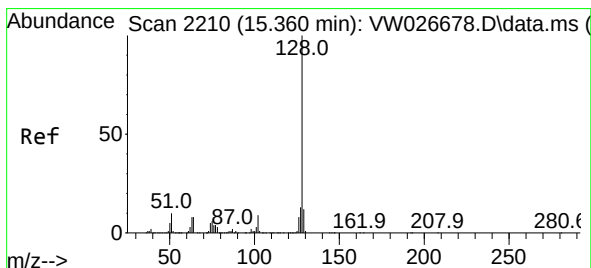
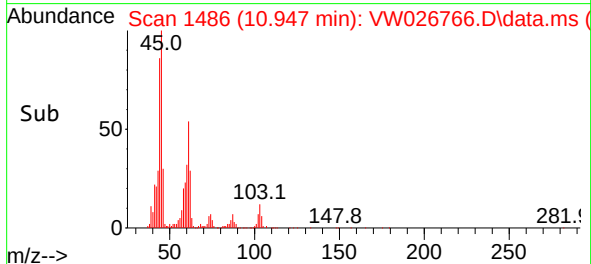
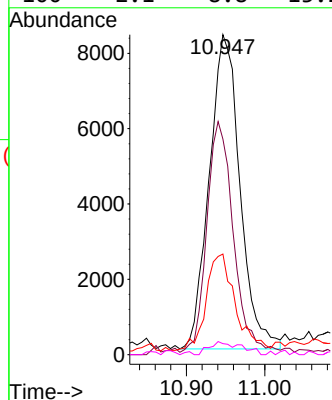


#48
2-Hexanone
Concen: 2.899 ug/L
RT: 10.947 min Scan# 1489
Delta R.T. -0.018 min
Lab File: VW026766.D
Acq: 18 Aug 2023 13:44

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43	Resp: 22728
Ion Ratio	Lower Upper
43 100	
58 64.3	41.1 61.7#
57 29.0	14.3 21.5#
100 2.1	8.8 13.2#



#71
Naphthalene
Concen: 2.585 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW026766.D
Acq: 18 Aug 2023 13:44

Tgt Ion:128	Resp:	88433	
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.7	16.1
129	10.2	9.0	13.4

