

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042123\
 Data File : VW025630.D
 Acq On : 21 Apr 2023 13:38
 Operator : SY/MD
 Sample : 02418-17RE
 Misc : 4.75g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW901RE

Quant Time: Apr 22 05:05:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 22 05:02:40 2023
 Response via : Initial Calibration

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

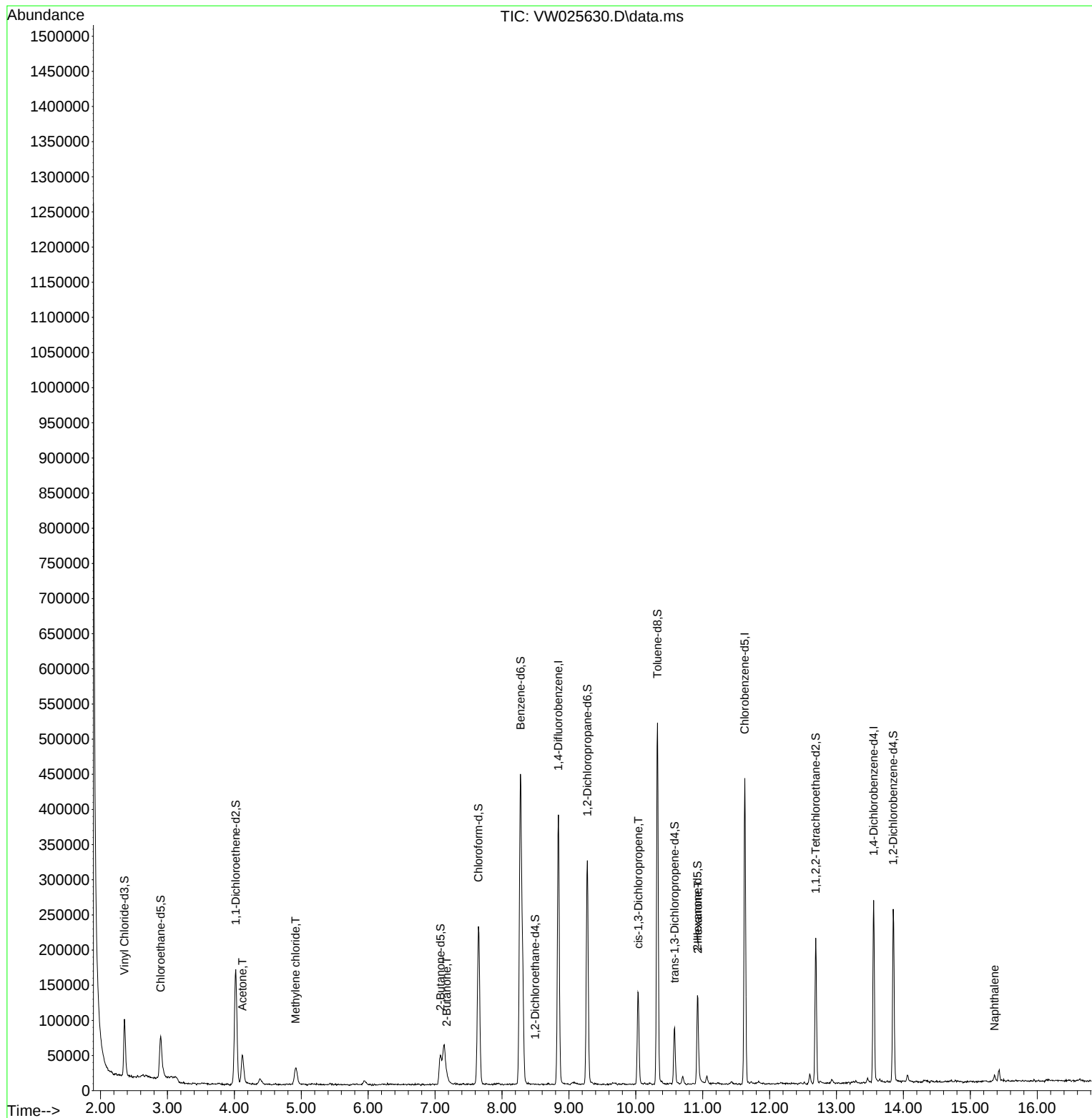
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	300744	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	225550	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	64058	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	96178	19.652	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.600%
7) Chloroethane-d5	2.899	69	86409	24.799	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	4.021	63	164711	16.642	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.560%
21) 2-Butanone-d5	7.081	46	78082	71.518	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.040%#
24) Chloroform-d	7.648	84	225201	26.669	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.680%
26) 1,2-Dichloroethane-d4	8.496	65	133	0.030	ug/L	0.19
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.120%#
32) Benzene-d6	8.276	84	437965	29.988	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.960%
36) 1,2-Dichloropropane-d6	9.276	67	148263	32.558	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.240%#
41) Toluene-d8	10.325	98	329399	25.820	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.280%
43) trans-1,3-Dichloroprop...	10.581	79	45284	26.524	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.080%
47) 2-Hexanone-d5	10.922	63	42306	67.968	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.940%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	102953	33.496	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.000%#
66) 1,2-Dichlorobenzene-d4	13.848	152	62235	28.280	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.120%
Target Compounds					Qvalue	
13) Acetone	4.118	43	71133	76.982	ug/L	96
16) Methylene chloride	4.917	84	17574	3.676	ug/L	98
22) 2-Butanone	7.173	43	22415	17.064	ug/L	80
39) cis-1,3-Dichloropropene	10.038	75	3873	0.651	ug/L	95
48) 2-Hexanone	10.928	43	6538	4.032	ug/L #	74
71) Naphthalene	15.360	128	7404	1.754	ug/L #	94

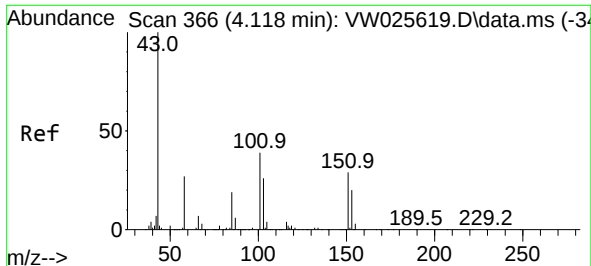
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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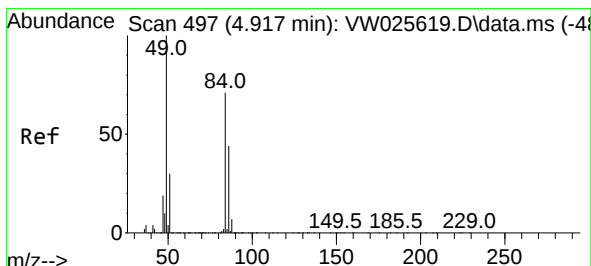
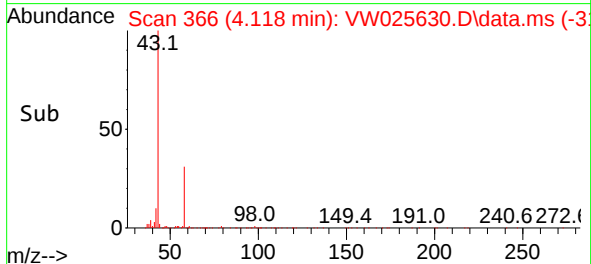
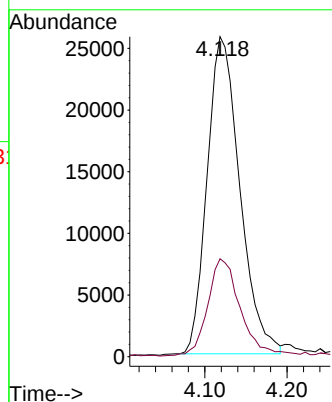
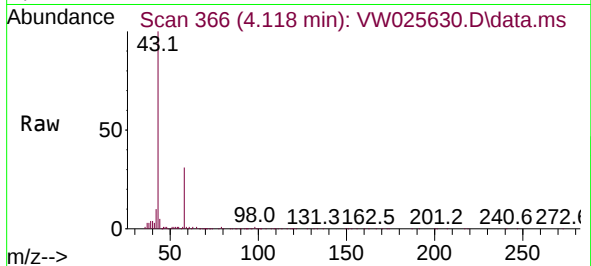




#13
Acetone
Concen: 76.982 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW025630.D
Acq: 21 Apr 2023 13:38

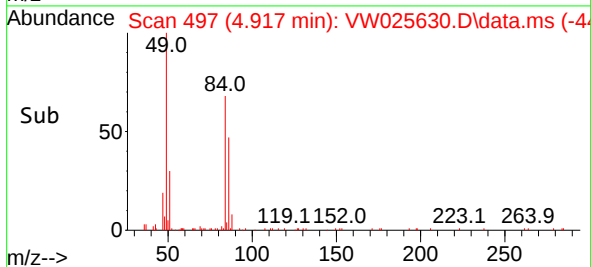
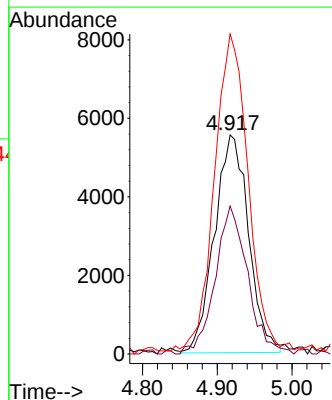
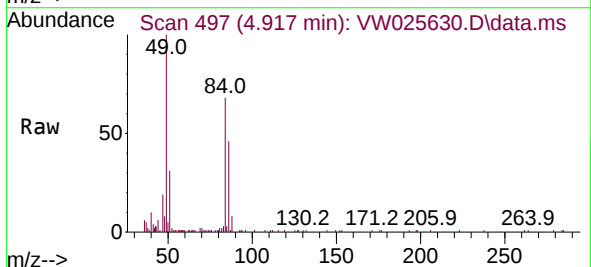
Instrument :
MSVOA_W
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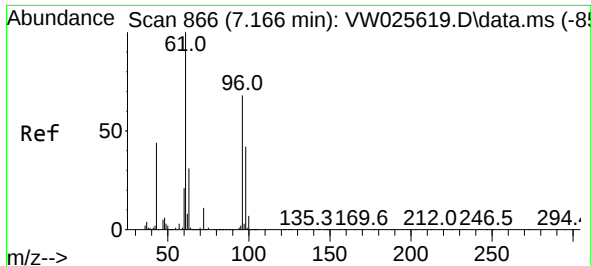
Tgt Ion: 43 Resp: 71133
Ion Ratio Lower Upper
43 100
58 30.6 0.0 57.4



#16
Methylene chloride
Concen: 3.676 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW025630.D
Acq: 21 Apr 2023 13:38

Tgt Ion: 84 Resp: 17574
Ion Ratio Lower Upper
84 100
86 67.5 44.9 83.3
49 146.1 101.4 188.4

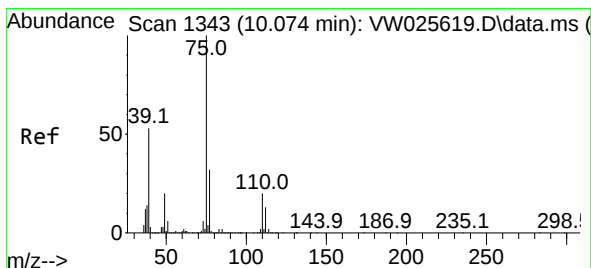
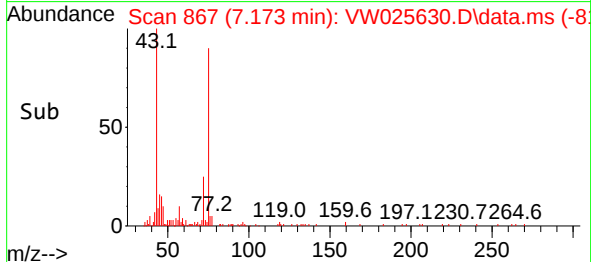
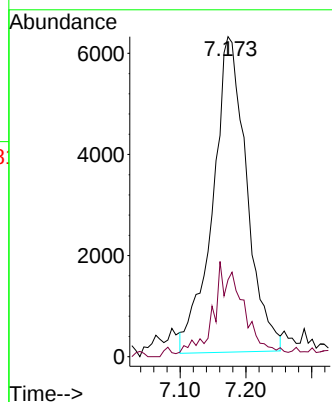
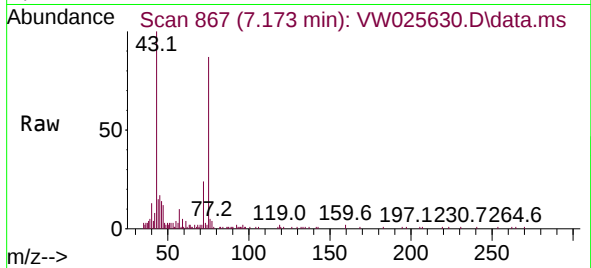




#22
2-Butanone
Concen: 17.064 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025630.D
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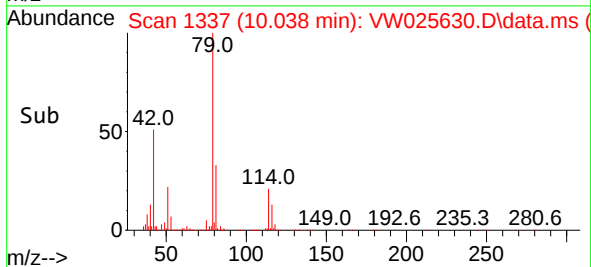
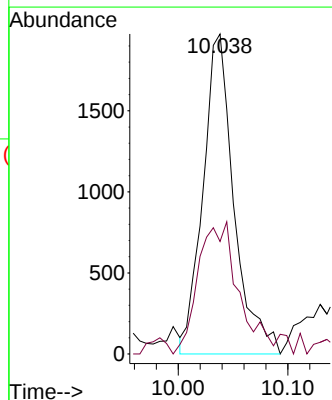
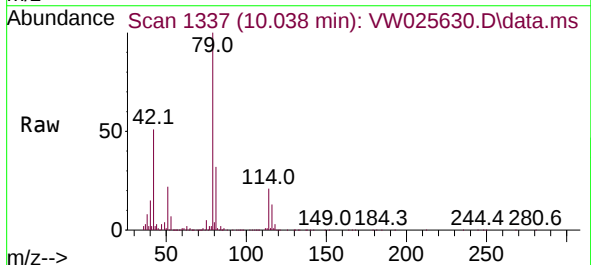
Instrument :
MSVOA_W
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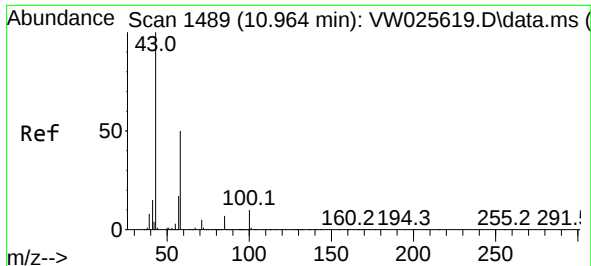
Tgt Ion: 43 Resp: 22415
Ion Ratio Lower Upper
43 100
72 14.1 12.0 36.0



#39
cis-1,3-Dichloropropene
Concen: 0.651 ug/L
RT: 10.038 min Scan# 1337
Delta R.T. -0.036 min
Lab File: VW025630.D
Acq: 21 Apr 2023 13:38

Tgt Ion: 75 Resp: 3873
Ion Ratio Lower Upper
75 100
77 35.2 22.8 42.4

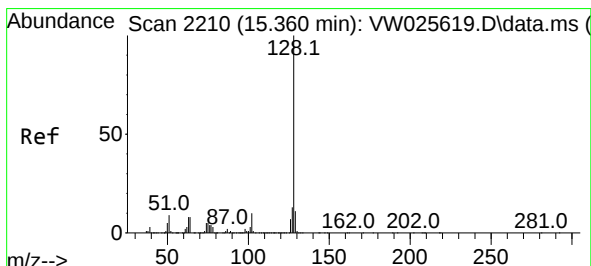
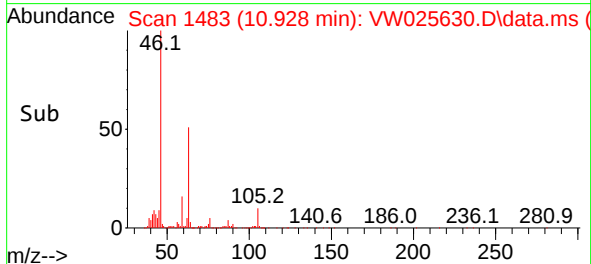
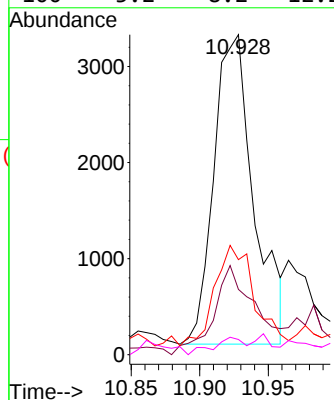
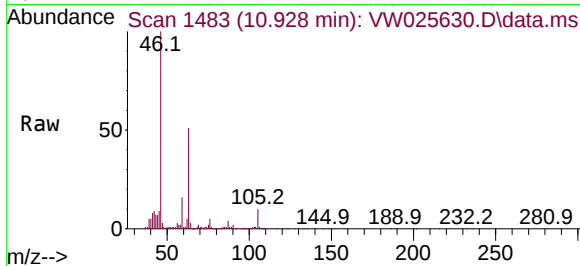




#48
2-Hexanone
Concen: 4.032 ug/L
RT: 10.928 min Scan# 1483
Delta R.T. -0.036 min
Lab File: VW025630.D
Acq: 21 Apr 2023 13:38

Instrument :
MSVOA_W
ClientSampleId :
EW901RE

Tgt Ion:	43	Resp:	6538
Ion	Ratio	Lower	Upper
43	100		
58	29.9	38.6	57.8#
57	29.4	13.9	20.9#
100	3.2	8.2	12.2#



#71
Naphthalene
Concen: 1.754 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW025630.D
Acq: 21 Apr 2023 13:38

Tgt Ion:	128	Resp:	7404
Ion	Ratio	Lower	Upper
128	100		
127	16.0	10.4	15.6#
129	12.3	8.7	13.1

