

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
 Data File : VV028170.D
 Acq On : 28 Sep 2022 19:42
 Operator : SY/MD
 Sample : N4730-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ9

Quant Time: Sep 29 01:31:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

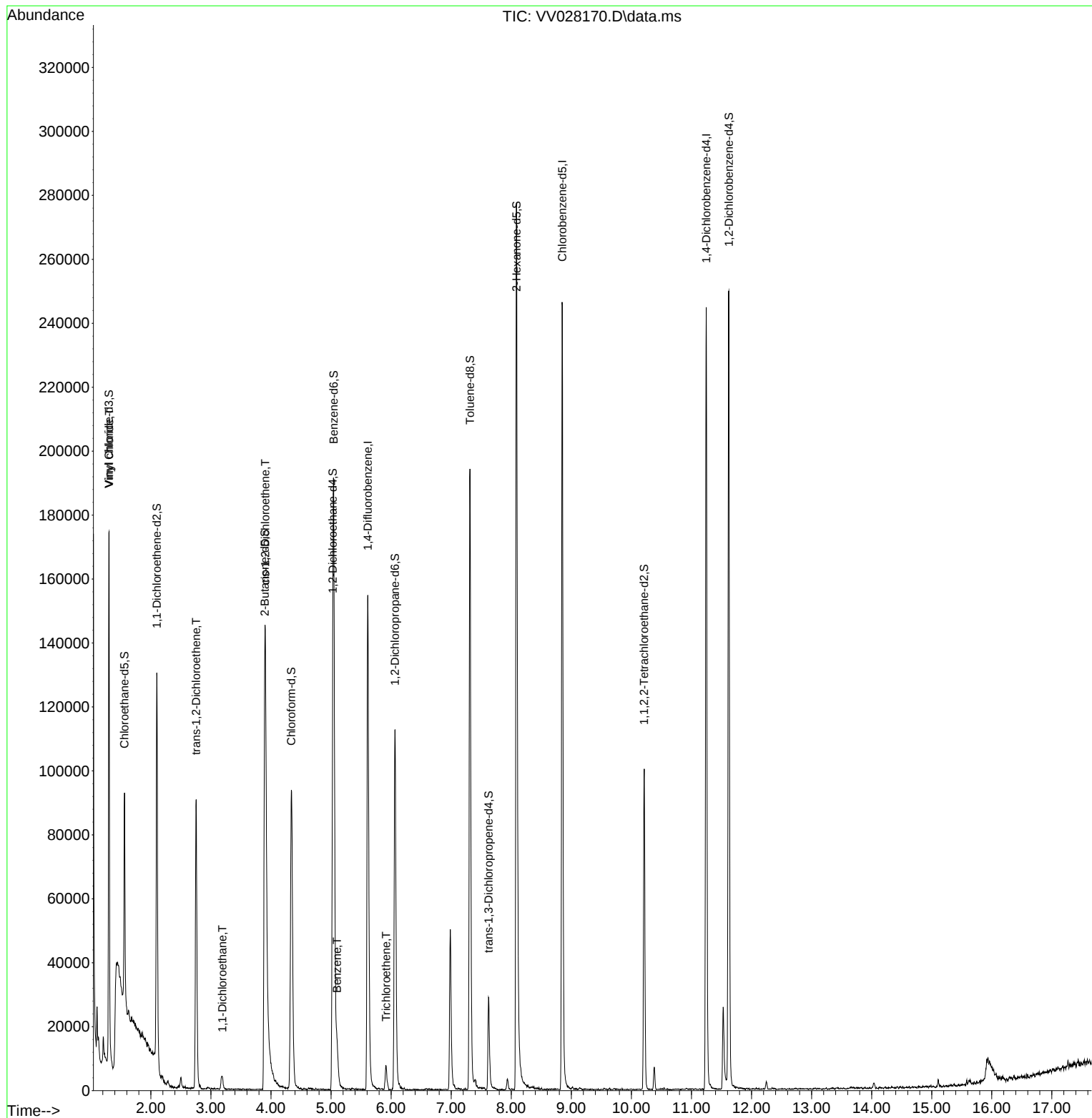
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	145596	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	144695	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71340	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	43514	2.883	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.600%
7) Chloroethane-d5	1.561	69	44444	3.703	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.098	63	61443	2.347	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.000%#
20) 2-Butanone-d5	3.896	46	119080	46.729	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.460%
24) Chloroform-d	4.339	84	101916	4.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.027	65	50854	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.043	84	176705	3.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
36) 1,2-Dichloropropane-d6	6.063	67	57089	3.860	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.200%
41) Toluene-d8	7.313	98	138043	3.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.200%#
43) trans-1,3-Dichloroprop...	7.622	79	18604	3.482	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.600%
46) 2-Hexanone-d5	8.088	63	106598	47.804	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48992	4.846	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	70485	5.037	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.304	62	69627	6.167	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	35087	3.984	ug/L	98
19) 1,1-Dichloroethane	3.191	63	4864	0.253	ug/L #	92
22) cis-1,2-Dichloroethene	3.905	96	60695	5.252	ug/L	88
33) Benzene	5.098	78	12913	0.321	ug/L	100
34) Trichloroethene	5.918	95	2530	0.253	ug/L	88

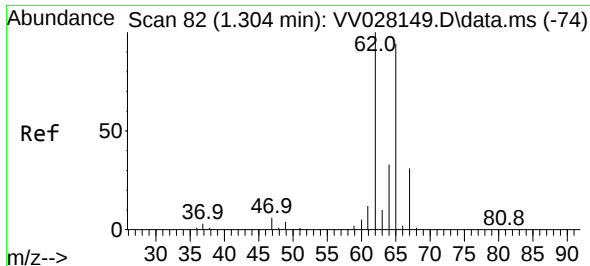
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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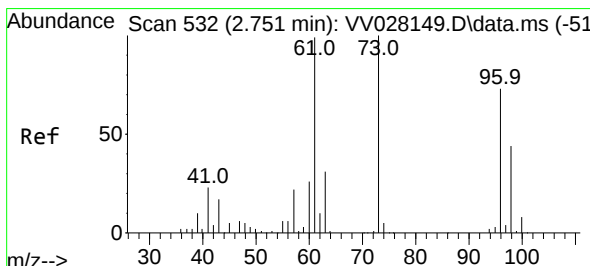
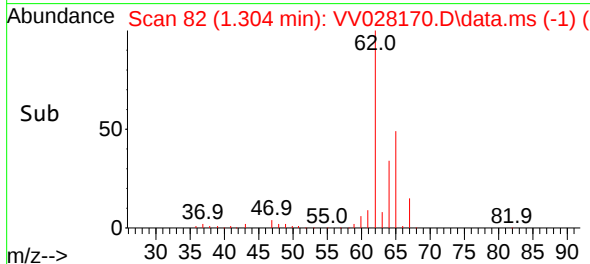
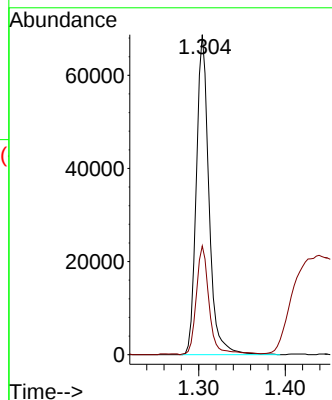
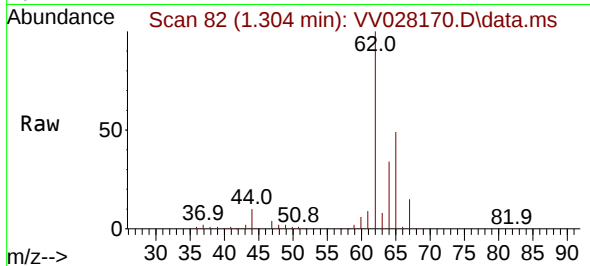




#5
 Vinyl chloride
 Concen: 6.167 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028170.D
 Acq: 28 Sep 2022 19:42

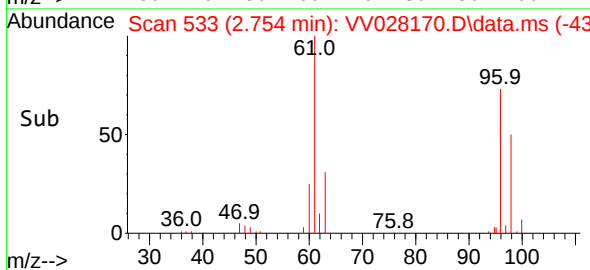
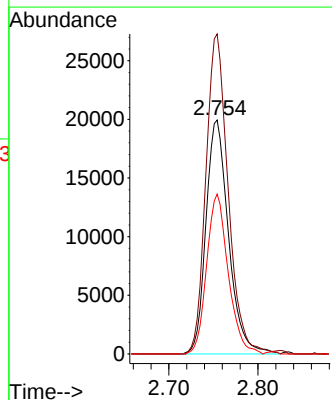
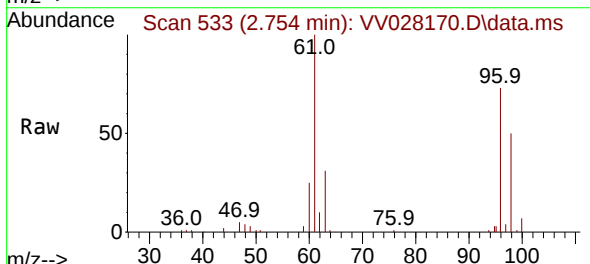
Instrument :
 MSVOA_V
 ClientSampleId :
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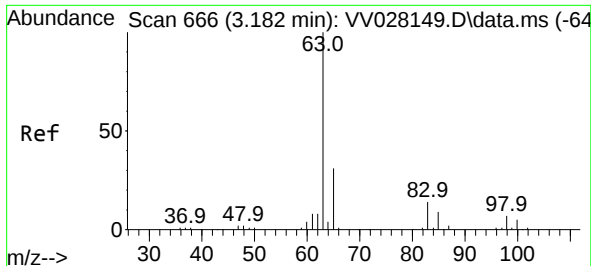
Tgt Ion: 62 Resp: 69627
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.0 42.8



#18
 trans-1,2-Dichloroethene
 Concen: 3.984 ug/L
 RT: 2.754 min Scan# 533
 Delta R.T. 0.003 min
 Lab File: VV028170.D
 Acq: 28 Sep 2022 19:42

Tgt Ion: 96 Resp: 35087
 Ion Ratio Lower Upper
 96 100
 61 136.8 96.2 178.6
 98 68.3 45.7 84.9





#19

1,1-Dichloroethane

Concen: 0.253 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.010 min

Lab File: VV028170.D

Acq: 28 Sep 2022 19:42

Instrument :

MSVOA_V

ClientSampleId :

EXFQ9

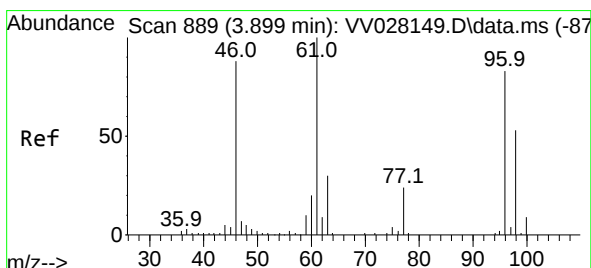
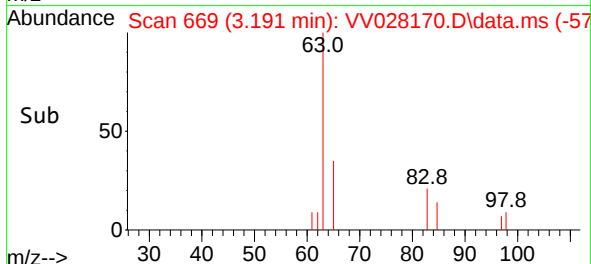
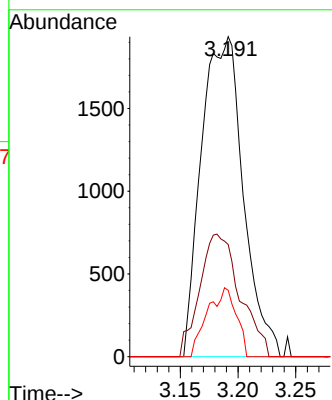
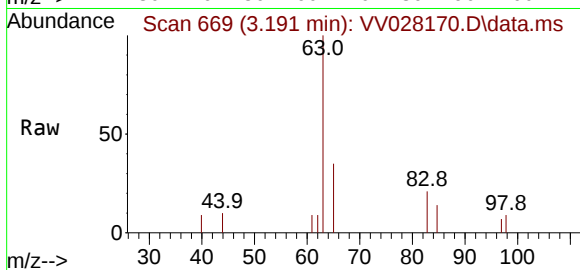
Tgt Ion: 63 Resp: 4864

Ion Ratio Lower Upper

63 100

65 35.1 23.0 42.8

83 20.7 9.2 17.2#



#22

cis-1,2-Dichloroethene

Concen: 5.252 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV028170.D

Acq: 28 Sep 2022 19:42

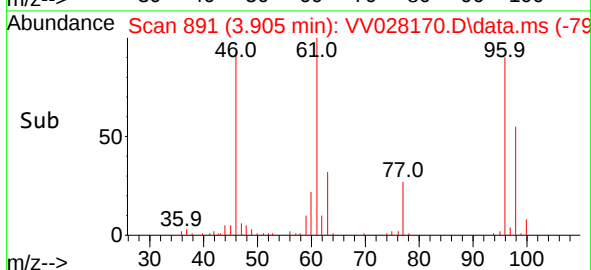
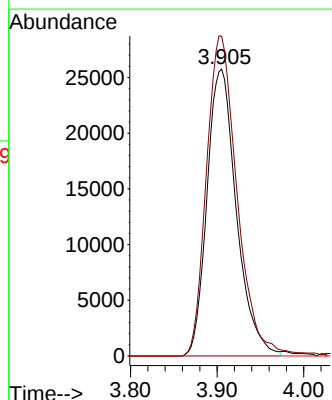
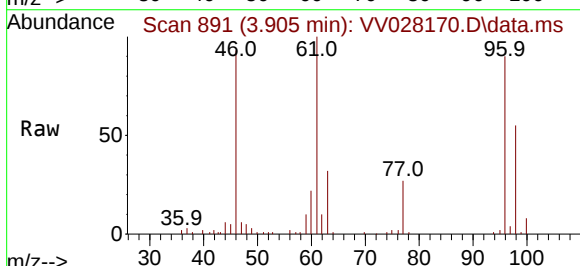
Tgt Ion: 96 Resp: 60695

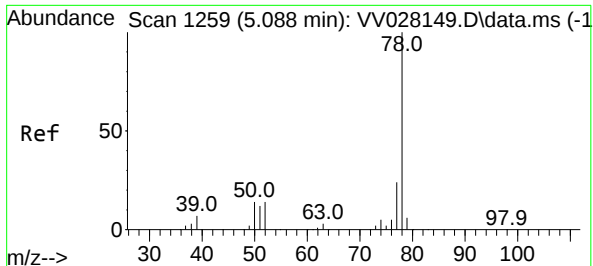
Ion Ratio Lower Upper

96 100

61 111.4 87.2 161.9

68 0.0 0.0 0.0

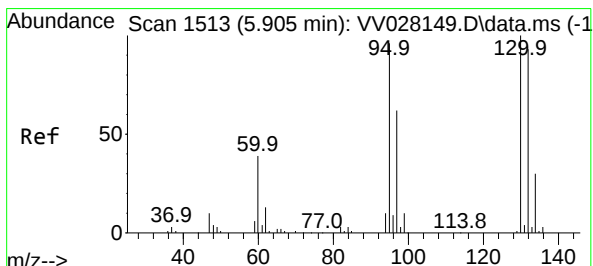
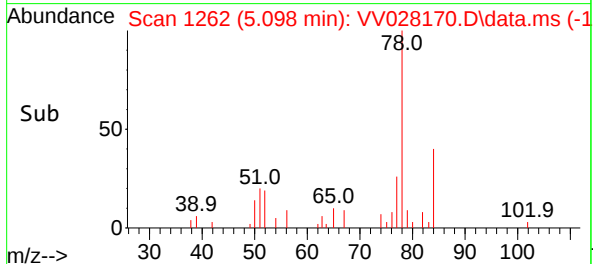
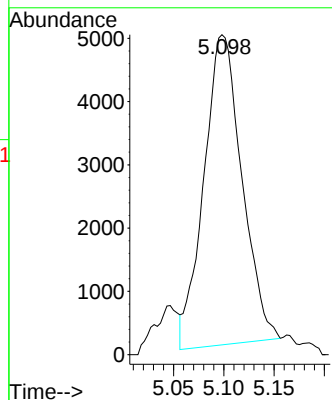
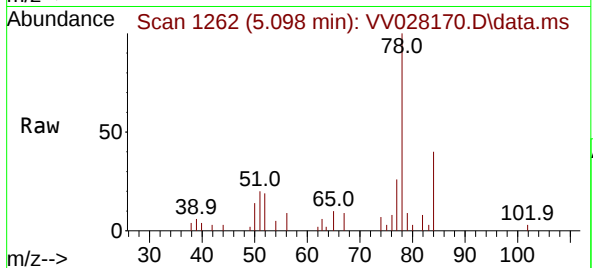




#33
Benzene
Concen: 0.321 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV028170.D
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Instrument :
MSVOA_V
ClientSampleId :
EXFQ9

Tgt Ion: 78 Resp: 12913



#34
Trichloroethene
Concen: 0.253 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.013 min
Lab File: VV028170.D
Acq: 28 Sep 2022 19:42

Tgt Ion: 95 Resp: 2530

Ion	Ratio	Lower	Upper
95	100		
97	72.1	44.2	82.0
132	97.0	67.8	126.0
130	122.8	68.8	127.8

