

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045111.D
 Acq On : 04 Oct 2021 21:48
 Operator : SY/MD
 Sample : VU1004WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK010

Quant Time: Oct 05 06:45:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

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

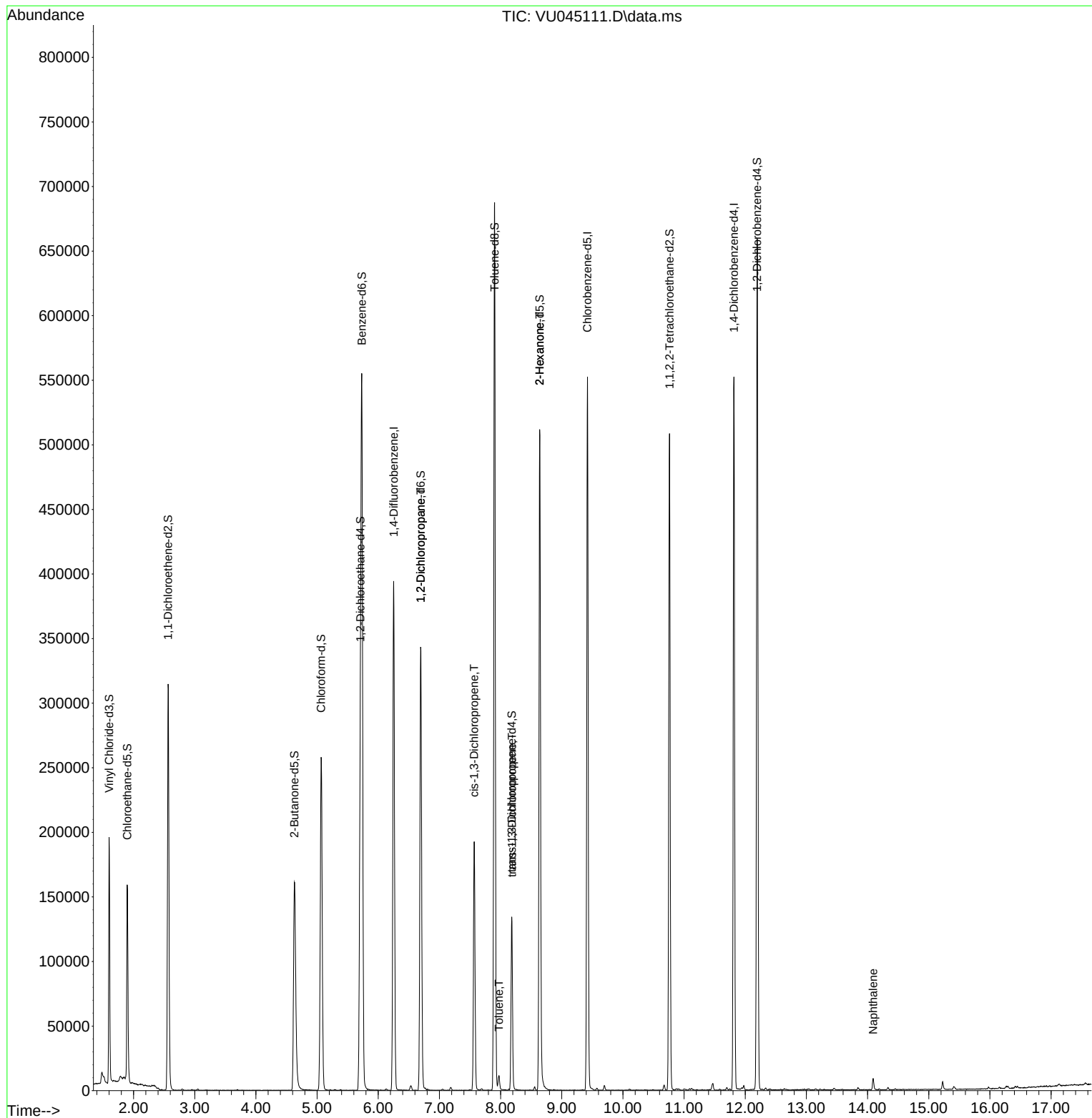
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	305979	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	287006	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	134436	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	136179	40.656	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.320%
7) Chloroethane-d5	1.896	69	111324	41.941	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.880%
11) 1,1-Dichloroethene-d2	2.565	63	188726	33.551	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.100%
21) 2-Butanone-d5	4.629	46	256105	96.713	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.710%
24) Chloroform-d	5.067	84	234189	44.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.540%
26) 1,2-Dichloroethane-d4	5.706	65	166247	46.393	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.780%
32) Benzene-d6	5.732	84	494507	49.654	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.300%
36) 1,2-Dichloropropane-d6	6.693	67	156923	48.324	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.640%
41) Toluene-d8	7.902	98	437865	50.947	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.900%
43) trans-1,3-Dichloroprop...	8.182	79	72127	49.932	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.860%
47) 2-Hexanone-d5	8.639	63	190425	105.818	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.820%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	246041	48.657	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.320%
66) 1,2-Dichlorobenzene-d4	12.195	152	158844	54.293	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.580%
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	6.693	63	18080	6.238	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	4713	1.136	ug/L #	76
42) Toluene	7.973	91	7993	0.739	ug/L	89
44) trans-1,3-Dichloropropene	8.185	75	3286	0.833	ug/L #	72
48) 2-Hexanone	8.639	43	21415	4.988	ug/L #	69
71) Naphthalene	14.092	128	7452	0.820	ug/L	98

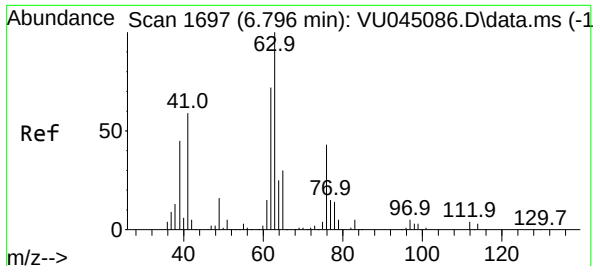
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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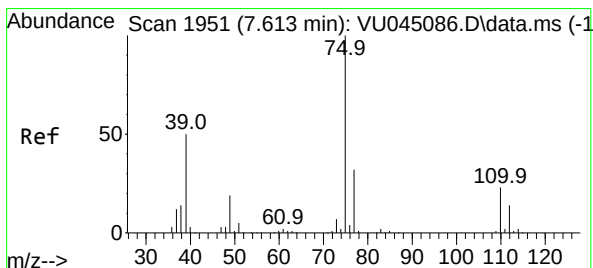
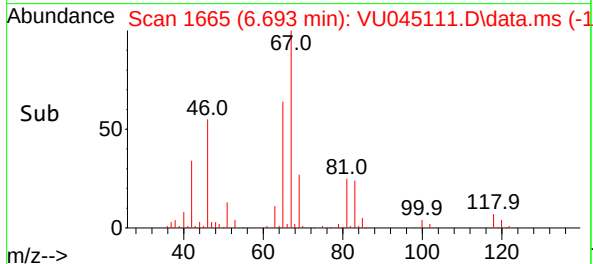
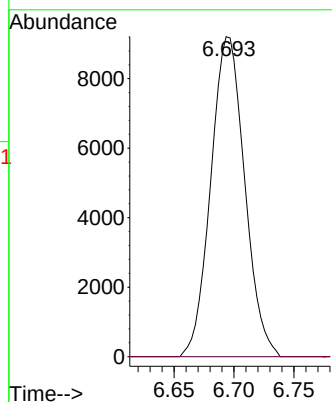
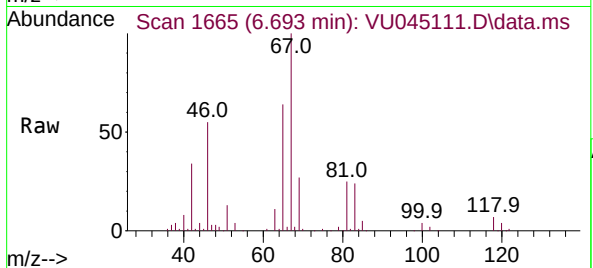


#37

1,2-Dichloropropane
Concen: 6.238 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045111.D
Acq: 04 Oct 2021 21:48

Instrument :
MSVOA_U
ClientSampled :
VBLK010

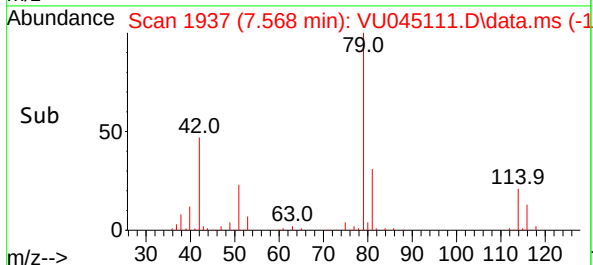
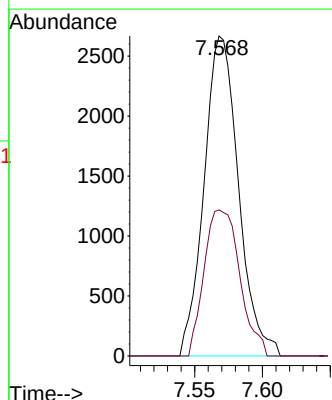
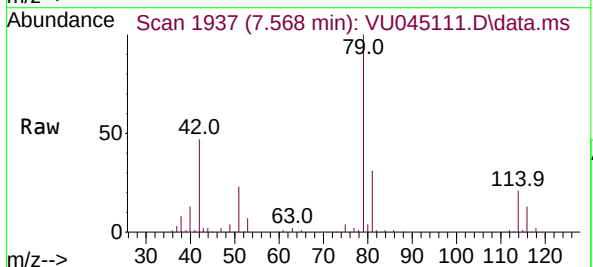
Tgt Ion: 63 Resp: 18080
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

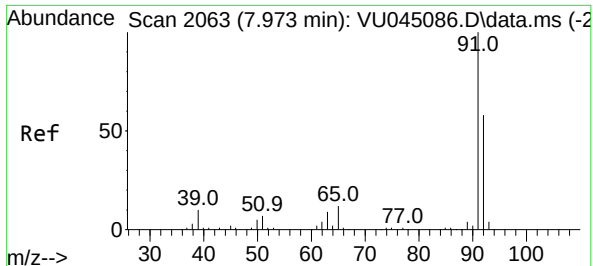


#39

cis-1,3-Dichloropropene
Concen: 1.136 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU045111.D
Acq: 04 Oct 2021 21:48

Tgt Ion: 75 Resp: 4713
Ion Ratio Lower Upper
75 100
77 45.7 22.4 41.6#

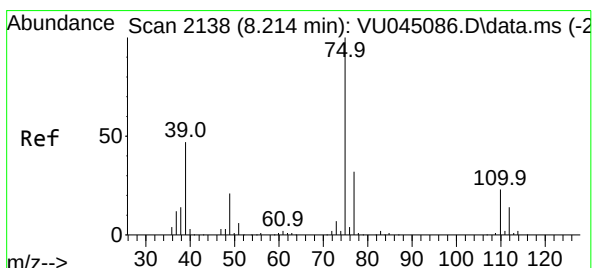
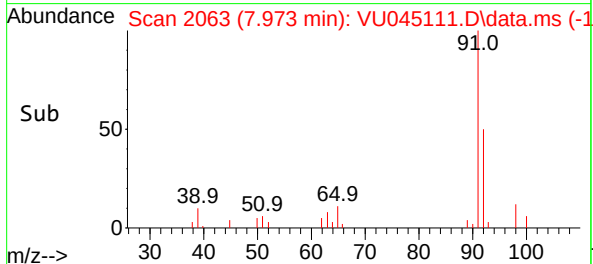
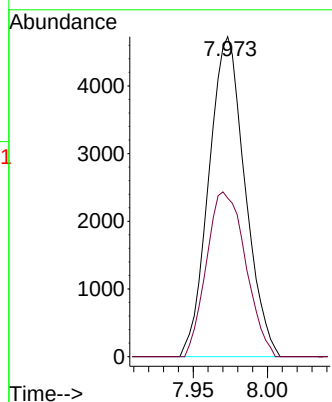
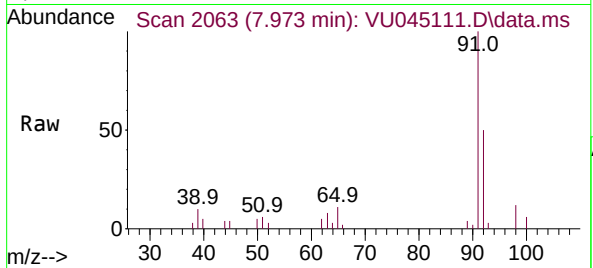




#42
Toluene
Concen: 0.739 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045111.D
Acq: 04 Oct 2021 21:48

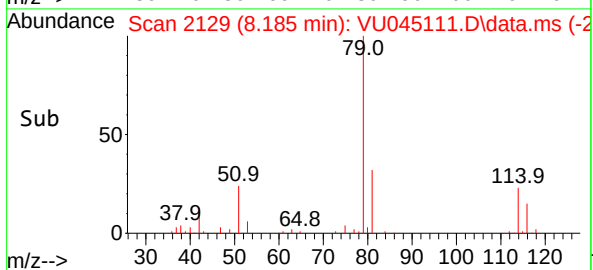
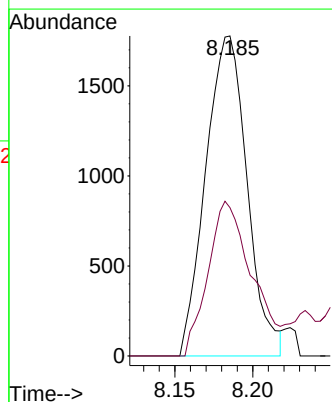
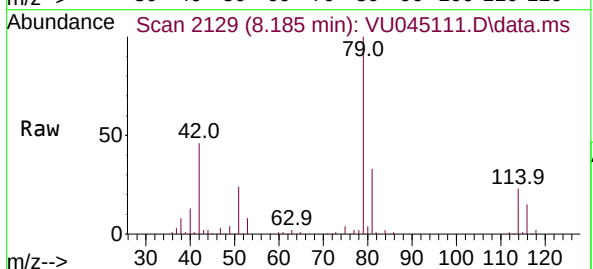
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MSVOA_U
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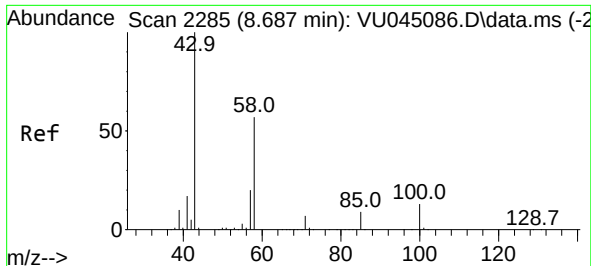
Tgt Ion: 91 Resp: 7993
Ion Ratio Lower Upper
91 100
92 49.5 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.833 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045111.D
Acq: 04 Oct 2021 21:48

Tgt Ion: 75 Resp: 3286
Ion Ratio Lower Upper
75 100
77 46.4 21.7 40.3#

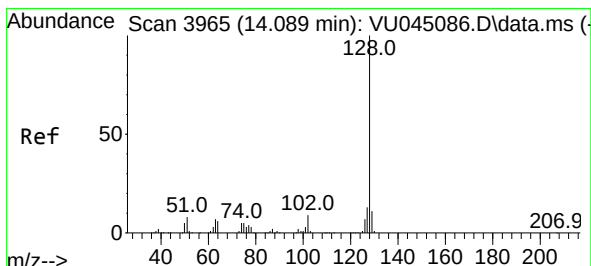
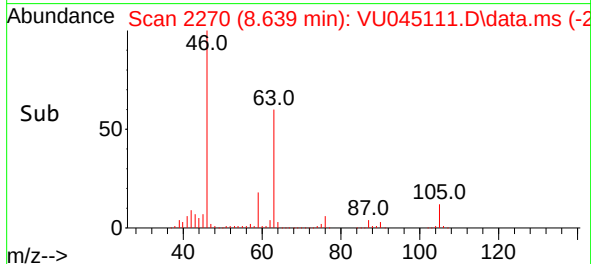
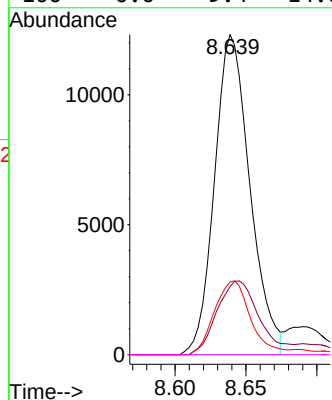
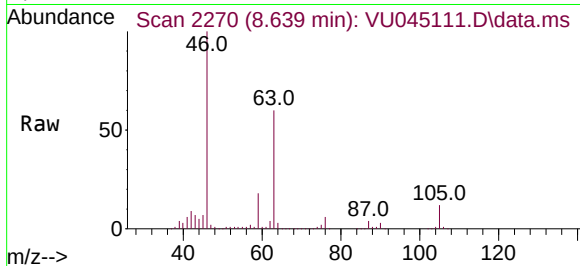




#48
2-Hexanone
Concen: 4.988 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.048 min
Lab File: VU045111.D
Acq: 04 Oct 2021 21:48

Instrument :
MSVOA_U
ClientSampleId :
VBLK010

Tgt Ion:	43	Resp:	21415
Ion	Ratio	Lower	Upper
43	100		
58	27.6	44.9	67.3#
57	23.6	15.5	23.3#
100	0.0	9.4	14.0#



#71
Naphthalene
Concen: 0.820 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045111.D
Acq: 04 Oct 2021 21:48

Tgt Ion:	128	Resp:	7452
Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.4	15.6
129	11.4	8.8	13.2

