

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055148.D
 Acq On : 06 Sep 2023 18:23
 Operator : MD/SY
 Sample : 04230-19DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4B6DL

Quant Time: Sep 06 20:42:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

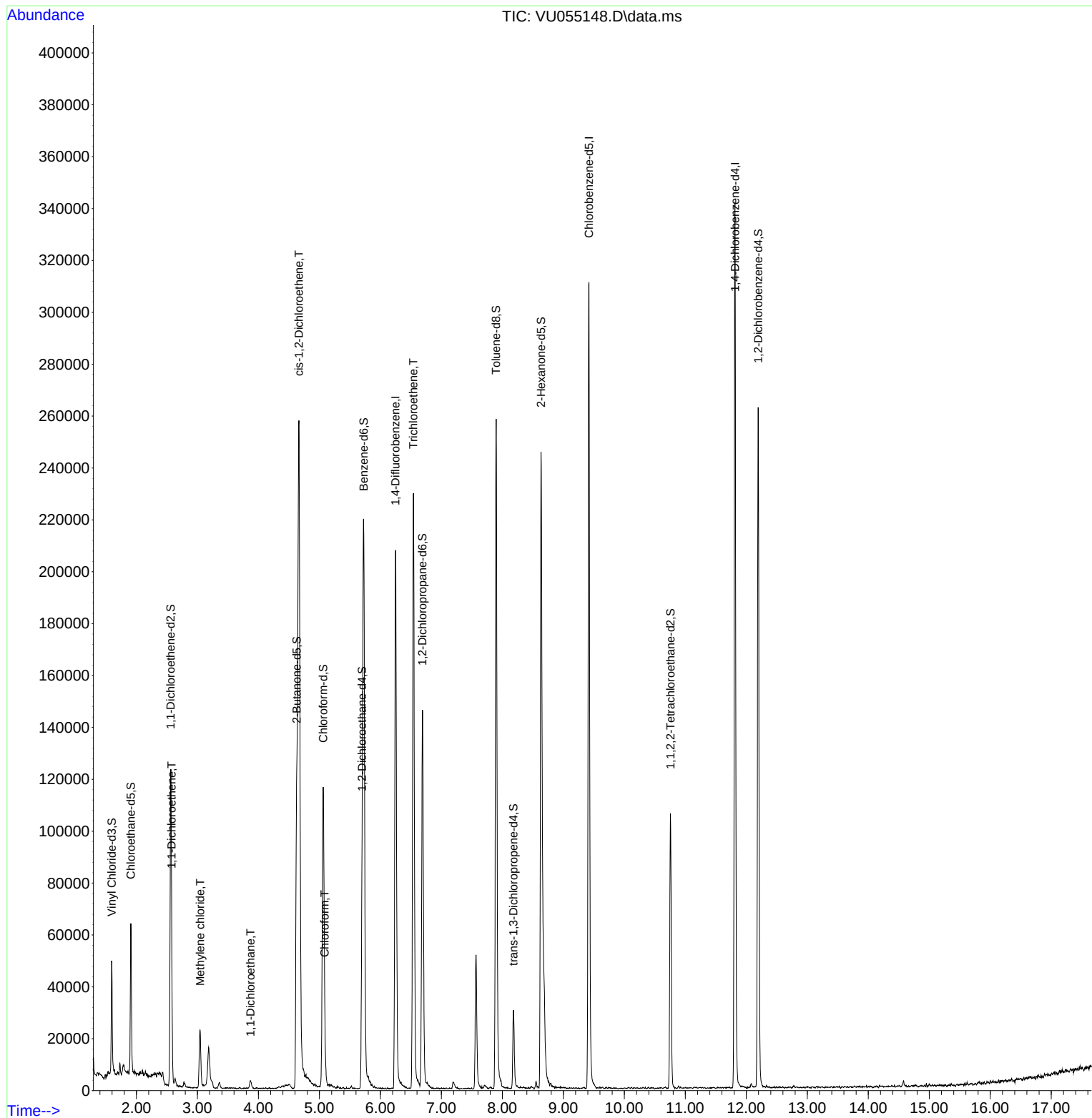
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	164834	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	170796	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	86861	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	31887	4.128	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.908	69	39213	4.385	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.560	65	20366	4.627	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	4.628	46	131913	58.841	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.680%
24) Chloroform-d	5.062	84	105436	5.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.698	65	56014	5.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
32) Benzene-d6	5.727	84	201017	4.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.689	67	67836	5.059	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.898	98	176164	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.181	79	17901	4.848	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.634	63	78749	52.528	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.060%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	53024	5.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	65182	5.141	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	10021	1.315	ug/L #	40
16) Methylene chloride	3.043	84	10480	0.900	ug/L	90
19) 1,1-Dichloroethane	3.869	63	3828	0.229	ug/L #	78
22) cis-1,2-Dichloroethene	4.663	96	119546	12.631	ug/L	95
25) Chloroform	5.087	83	7060	0.406	ug/L	99
34) Trichloroethene	6.541	95	78353	7.756	ug/L	98

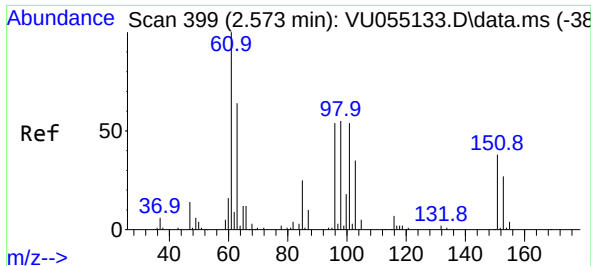
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.315 ug/L

RT: 2.576 min Scan# 40

Delta R.T. 0.003 min

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ClientSampleId :

BH4B6DL

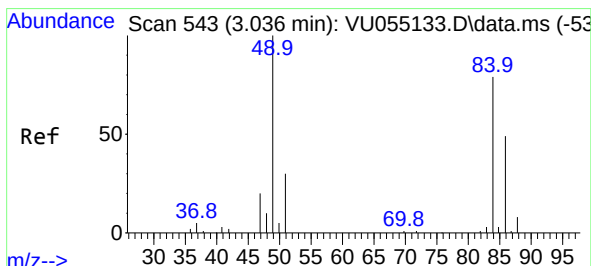
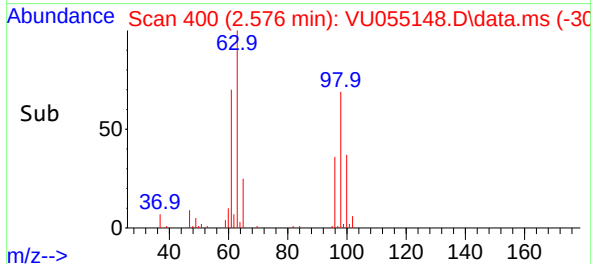
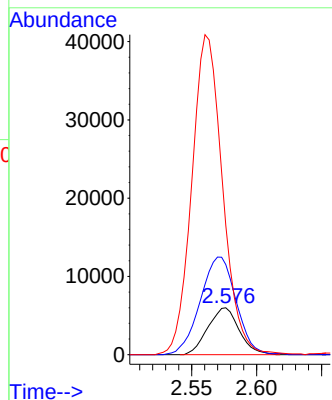
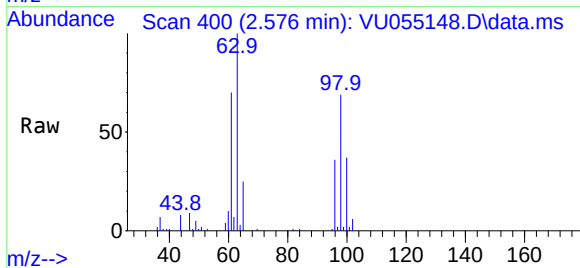
Tgt Ion: 96 Resp: 10021

Ion Ratio Lower Upper

96 100

61 191.8 120.8 224.4

63 275.4 94.5 175.5#



#16

Methylene chloride

Concen: 0.900 ug/L

RT: 3.043 min Scan# 545

Delta R.T. 0.003 min

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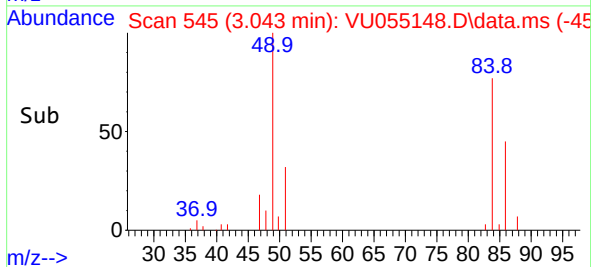
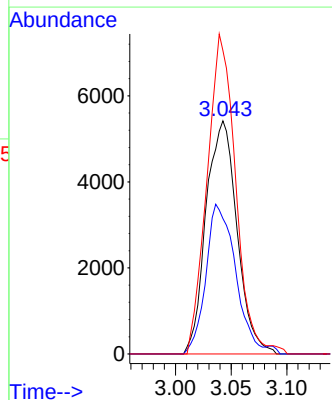
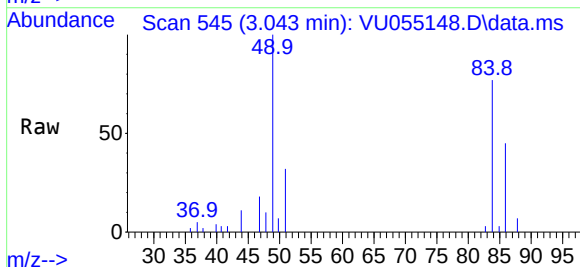
Tgt Ion: 84 Resp: 10480

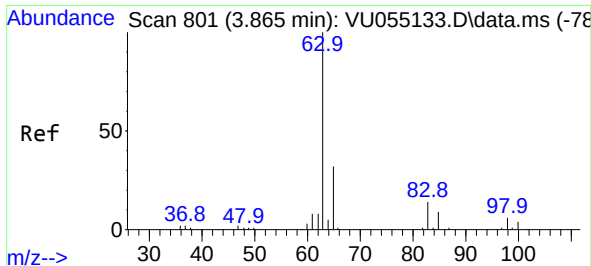
Ion Ratio Lower Upper

84 100

86 58.1 43.4 80.6

49 139.0 87.7 162.9

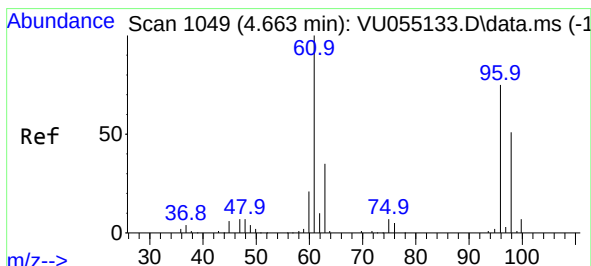
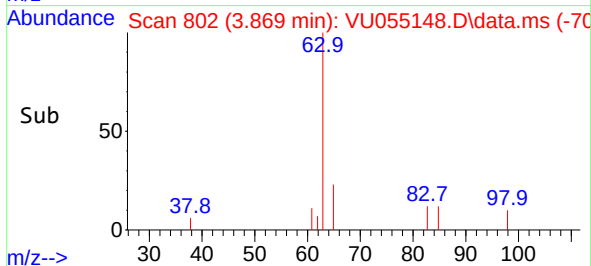
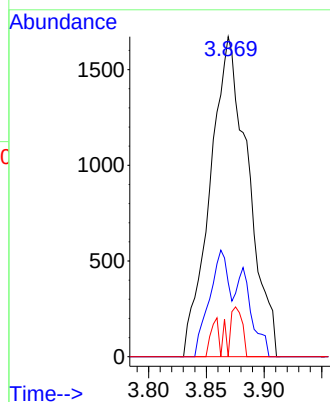
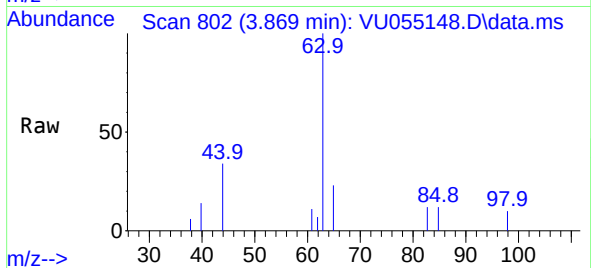




#19
1,1-Dichloroethane
Concen: 0.229 ug/L
RT: 3.869 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU055148.D
Acq: 06 Sep 2023 18:23

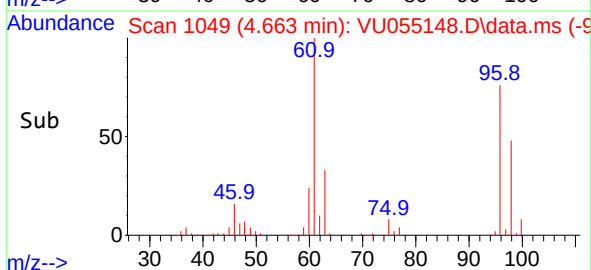
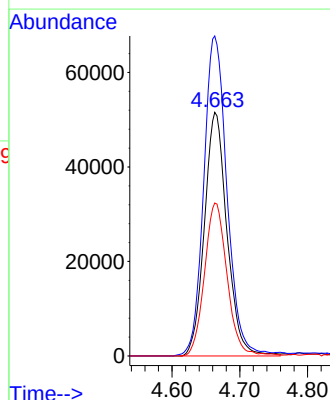
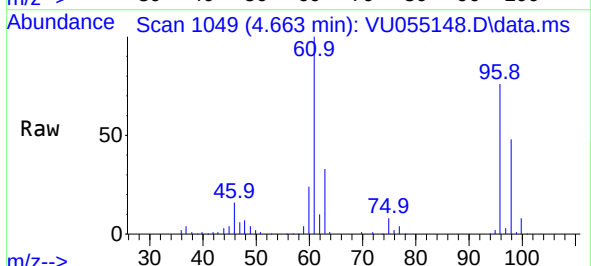
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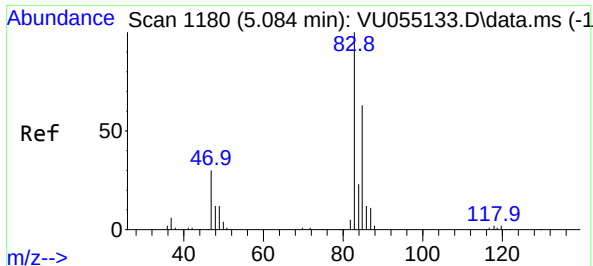
Tgt Ion: 63 Resp: 3828
Ion Ratio Lower Upper
63 100
65 23.2 22.2 41.2
83 0.0 10.6 19.8#



#22
cis-1,2-Dichloroethene
Concen: 12.631 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055148.D
Acq: 06 Sep 2023 18:23

Tgt Ion: 96 Resp: 119546
Ion Ratio Lower Upper
96 100
61 131.3 97.2 180.4
98 62.8 46.1 85.7

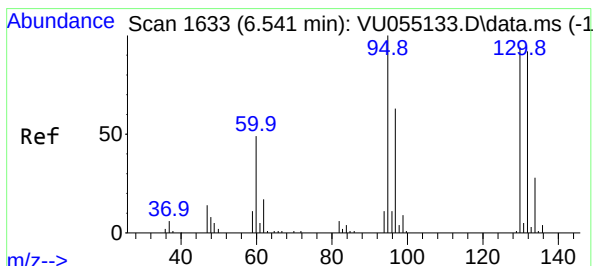
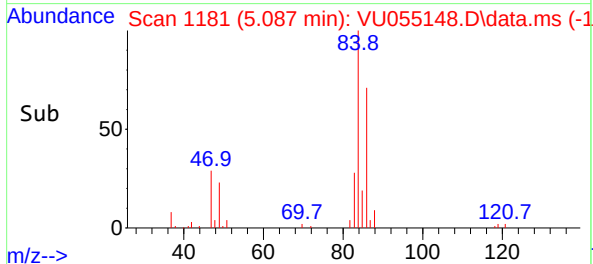
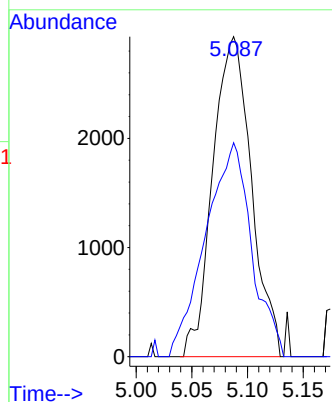
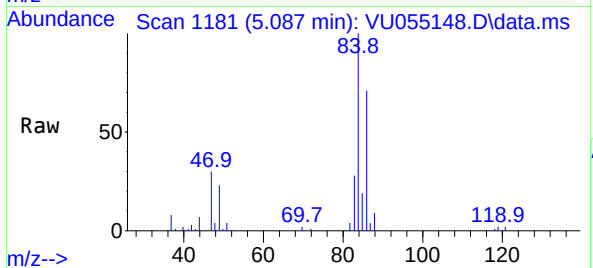




#25
Chloroform
Concen: 0.406 ug/L
RT: 5.087 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU055148.D
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Instrument :
MSVOA_U
ClientSampleId :
BH4B6DL

Tgt Ion: 83 Resp: 7060
Ion Ratio Lower Upper
83 100
85 66.8 47.2 87.6



#34
Trichloroethene
Concen: 7.756 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055148.D
Acq: 06 Sep 2023 18:23

Tgt Ion: 95 Resp: 78353
Ion Ratio Lower Upper
95 100
97 62.4 44.7 83.1
132 91.9 66.6 123.6
130 93.5 66.5 123.5

