

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
 Data File : VU052681.D
 Acq On : 13 Jan 2023 15:50
 Operator : JC/MD
 Sample : 01139-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Y8

Quant Time: Jan 13 22:27:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

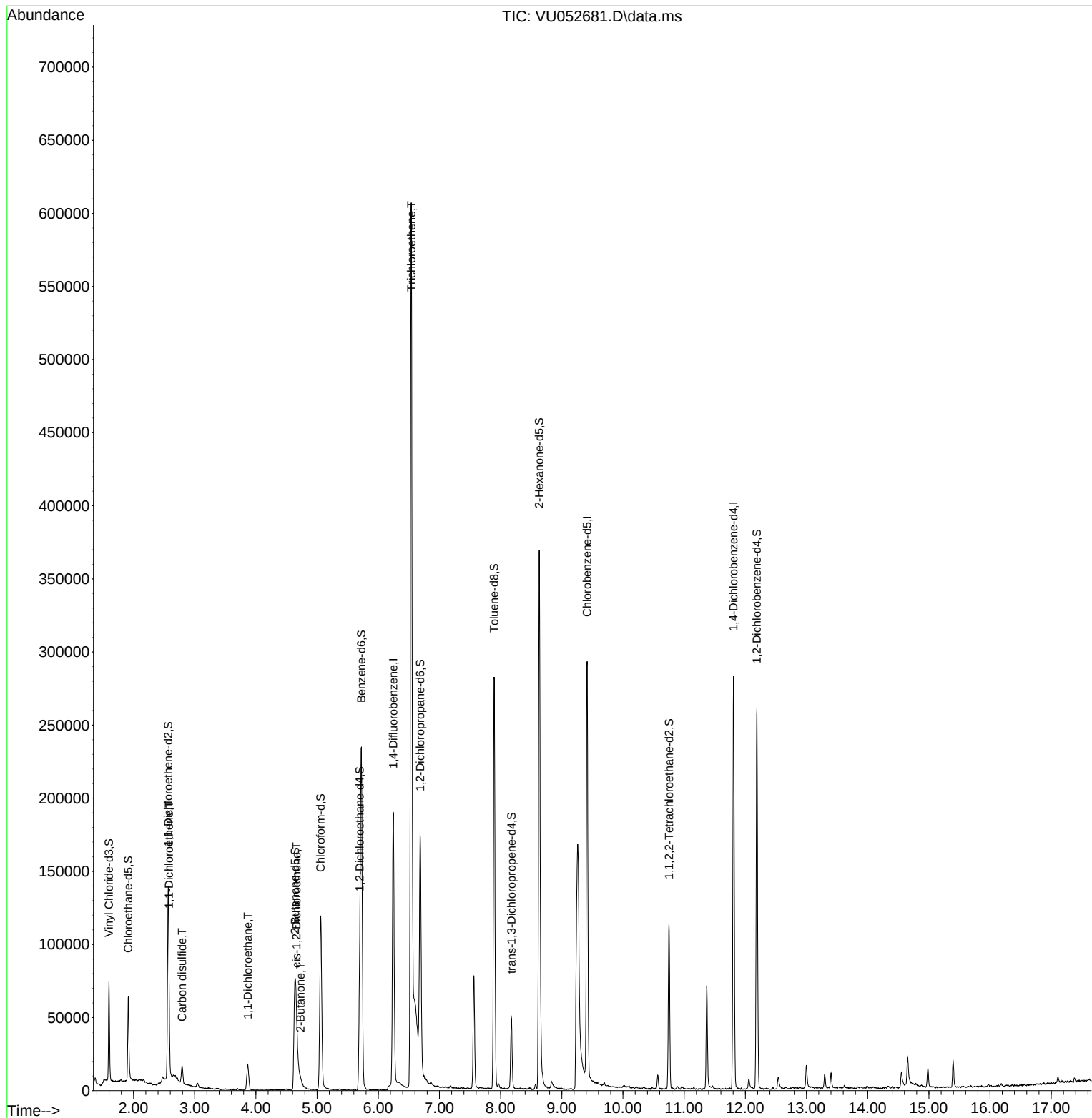
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	148911	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	155608	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	72701	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	48674	3.721	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.400%	
7) Chloroethane-d5	1.913	69	44325	4.159	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.200%	
11) 1,1-Dichloroethene-d2	2.565	65	23537	4.085	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.800%	
20) 2-Butanone-d5	4.639	46	166379	47.565	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.120%	
24) Chloroform-d	5.057	84	109866	4.502	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
26) 1,2-Dichloroethane-d4	5.697	65	60162	4.801	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
32) Benzene-d6	5.723	84	219126	4.345	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
36) 1,2-Dichloropropane-d6	6.684	67	74954	4.460	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.200%	
41) Toluene-d8	7.893	98	185723	4.177	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.600%	
43) trans-1,3-Dichloroprop...	8.176	79	27380	4.381	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.600%	
46) 2-Hexanone-d5	8.630	63	131104	50.496	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.000%	
56) 1,1,2,2-Tetrachloroeth...	10.752	84	56251	4.371	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.400%	
66) 1,2-Dichlorobenzene-d4	12.189	152	67540	5.103	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.000%	
Target Compounds						
12) 1,1-Dichloroethene	2.578	96	6122	0.474	ug/L #	1
14) Carbon disulfide	2.794	76	16603	0.372	ug/L	98
19) 1,1-Dichloroethane	3.868	63	20131	0.736	ug/L	97
21) 2-Butanone	4.729	43	8657	2.144	ug/L	85
22) cis-1,2-Dichloroethene	4.665	96	3044	0.215	ug/L #	80
34) Trichloroethene	6.540	95	204204	14.016	ug/L	98

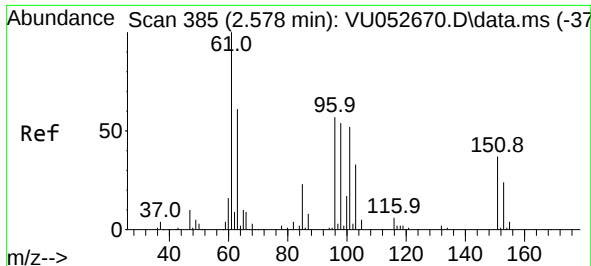
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.474 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU052681.D

Acq: 13 Jan 2023 15:50

Instrument :

MSVOA_U

ClientSampleId :

BH1Y8

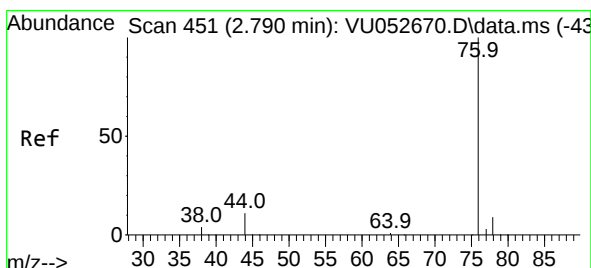
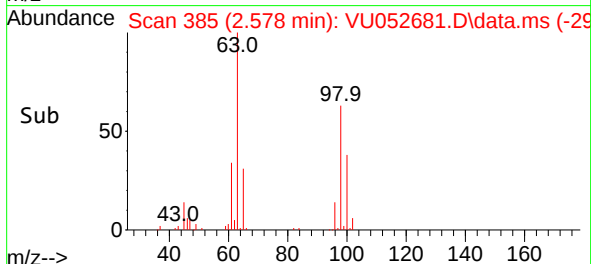
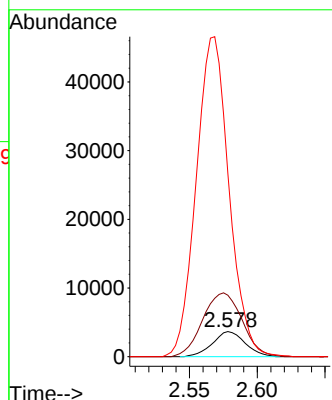
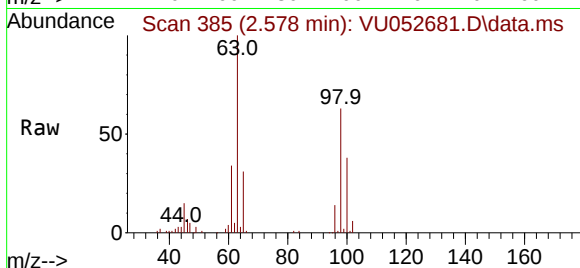
Tgt Ion: 96 Resp: 6122

Ion Ratio Lower Upper

96 100

61 245.0 129.6 240.8#

63 730.1 83.7 155.5#



#14

Carbon disulfide

Concen: 0.372 ug/L

RT: 2.794 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU052681.D

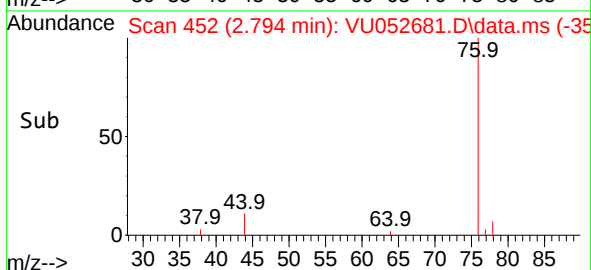
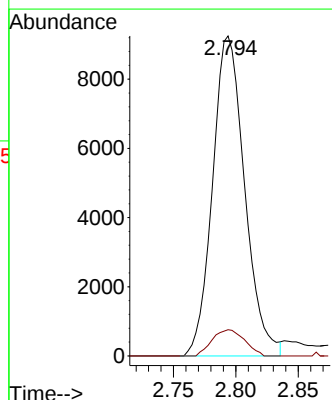
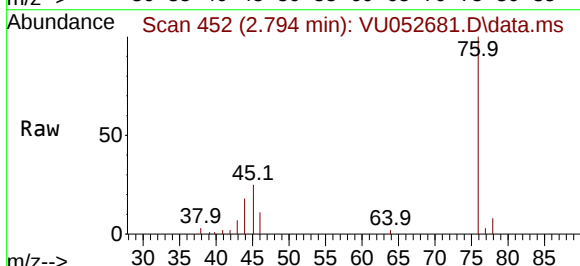
Acq: 13 Jan 2023 15:50

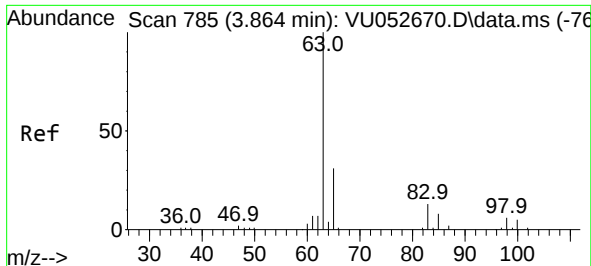
Tgt Ion: 76 Resp: 16603

Ion Ratio Lower Upper

76 100

78 8.2 7.0 10.6

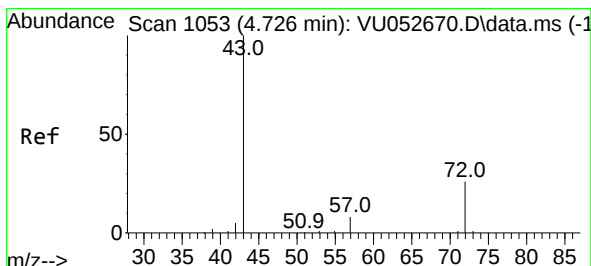
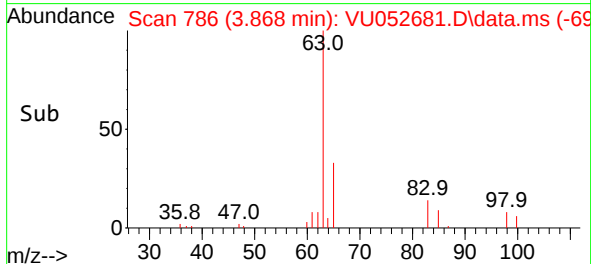
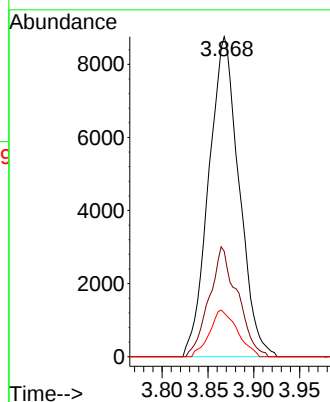
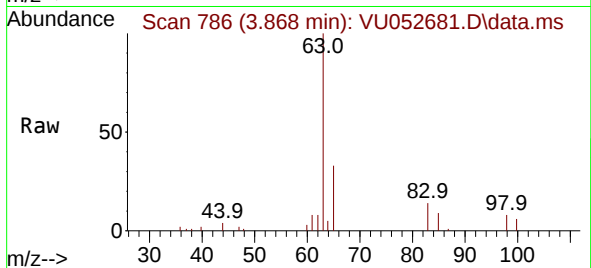




#19
1,1-Dichloroethane
Concen: 0.736 ug/L
RT: 3.868 min Scan# 71
Delta R.T. 0.004 min
Lab File: VU052681.D
Acq: 13 Jan 2023 15:50

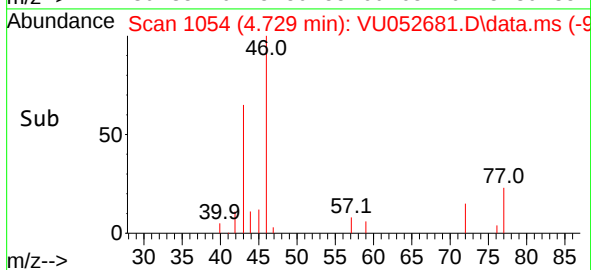
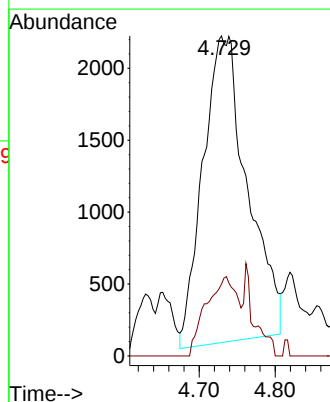
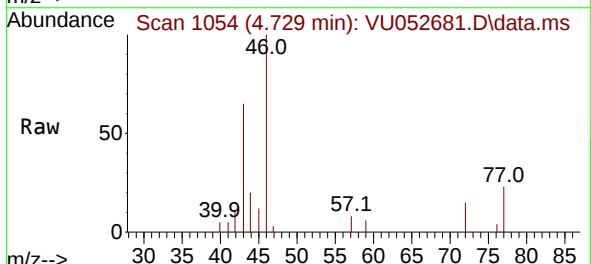
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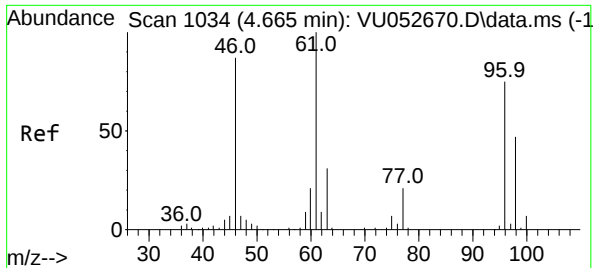
Tgt Ion:	63	Resp:	20131
Ion	Ratio	Lower	Upper
63	100		
65	32.9	22.0	41.0
83	13.7	8.9	16.5



#21
2-Butanone
Concen: 2.144 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.013 min
Lab File: VU052681.D
Acq: 13 Jan 2023 15:50

Tgt Ion:	43	Resp:	8657
Ion	Ratio	Lower	Upper
43	100		
72	18.0	12.9	38.6

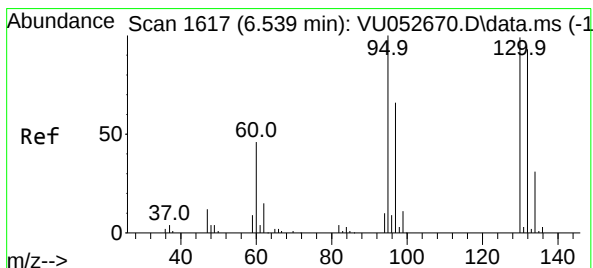
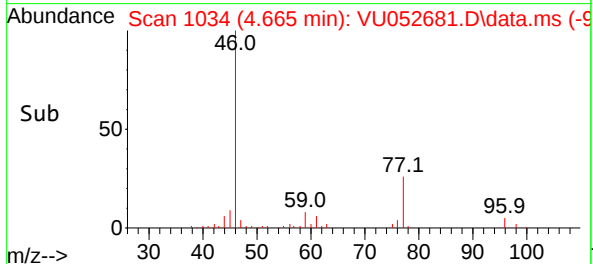
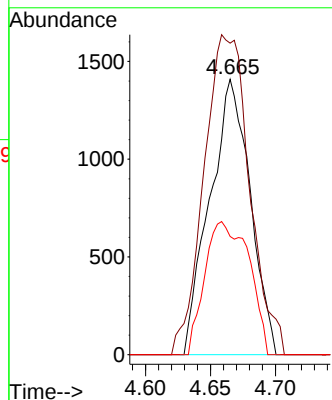
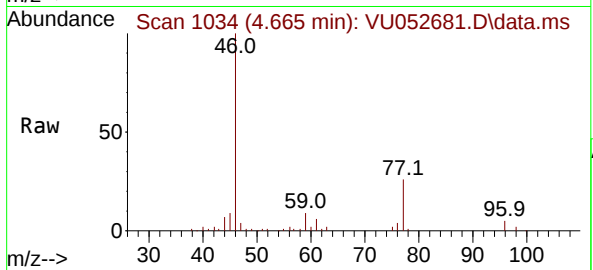




#22
 cis-1,2-Dichloroethene
 Concen: 0.215 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.004 min
 Lab File: VU052681.D
 Acq: 13 Jan 2023 15:50

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Y8

Tgt Ion: 96 Resp: 3044
 Ion Ratio Lower Upper
 96 100
 61 113.1 94.6 175.8
 98 42.9 43.3 80.3#



#34
 Trichloroethene
 Concen: 14.016 ug/L
 RT: 6.540 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: VU052681.D
 Acq: 13 Jan 2023 15:50

Tgt Ion: 95 Resp: 204204
 Ion Ratio Lower Upper
 95 100
 97 63.4 46.0 85.4
 132 92.1 64.0 118.8
 130 98.4 66.6 123.8

