

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120723\
 Data File : VU056682.D
 Acq On : 07 Dec 2023 15:16
 Operator : MD/SY
 Sample : 05627-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCLC3

Quant Time: Dec 08 02:03:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 07 04:51:32 2023
 Response via : Initial Calibration

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

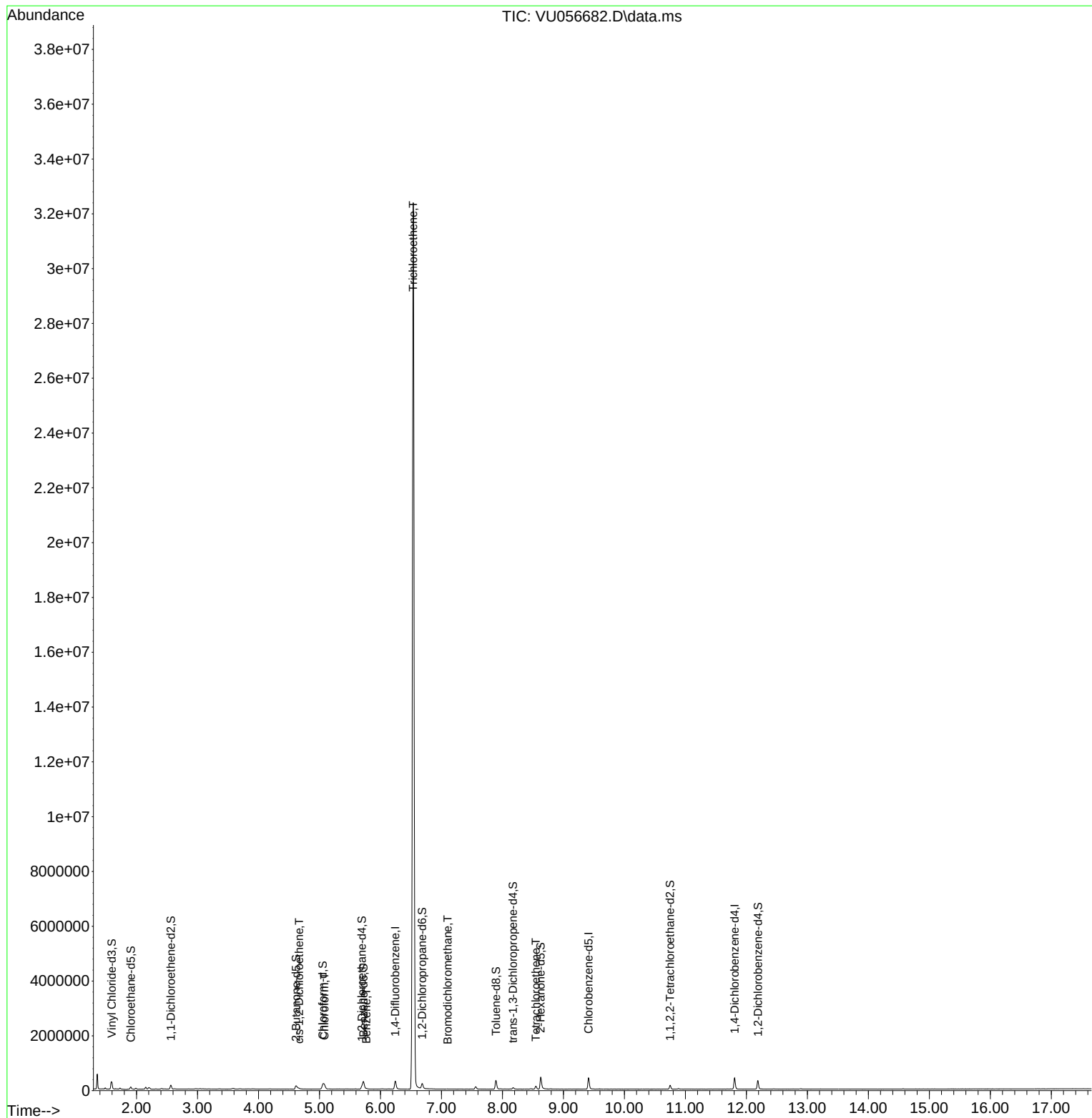
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	236361	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	241392	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	110655	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	56146	3.176	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.600%
7) Chloroethane-d5	1.907	69	54241	4.002	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.563	65	27137	3.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	4.615	46	192653	54.650	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.300%
24) Chloroform-d	5.055	84	152098	4.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.695	65	73151	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.721	84	262618	3.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.000%
36) 1,2-Dichloropropane-d6	6.685	67	90788	4.188	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.894	98	220102	3.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	8.174	79	31484	3.787	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.627	63	153579	47.010	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.020%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	69919	4.514	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	80175	3.922	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.400%#
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.666	96	7329	0.434	ug/L	96
25) Chloroform	5.081	83	127638	3.995	ug/L	95
33) Benzene	5.772	78	22734	0.330	ug/L	100
34) Trichloroethene	6.537	95	11766336	626.987	ug/L	97
38) Bromodichloromethane	7.103	83	2973	0.128	ug/L #	90
47) Tetrachloroethene	8.550	164	24116	1.906	ug/L	99

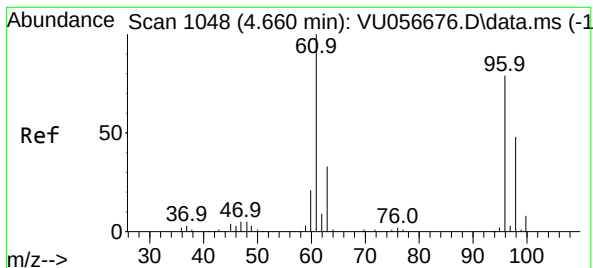
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.434 ug/L

RT: 4.666 min Scan# 1105

Delta R.T. 0.003 min

Lab File: VU056682.D

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Instrument :

MSVOA_U

ClientSampleId :

DCLC3

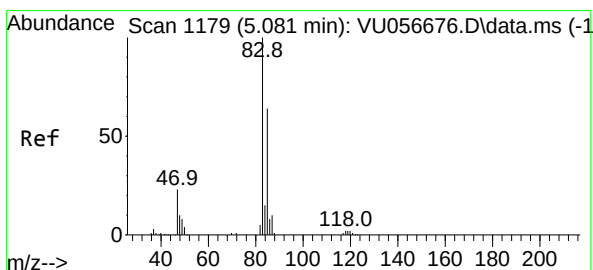
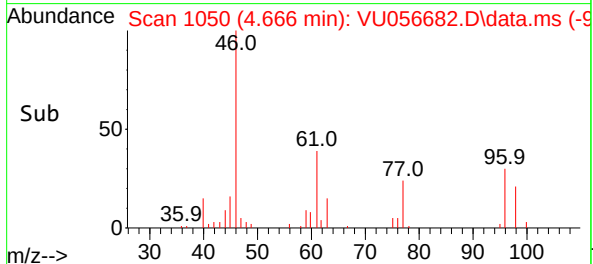
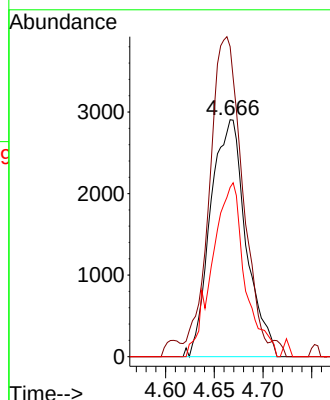
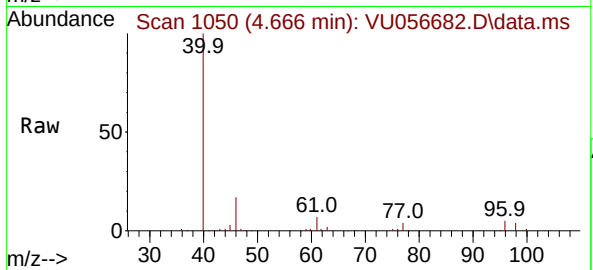
Tgt Ion: 96 Resp: 7329

Ion Ratio Lower Upper

96 100

61 130.8 93.2 173.2

98 71.4 44.8 83.2



#25

Chloroform

Concen: 3.995 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056682.D

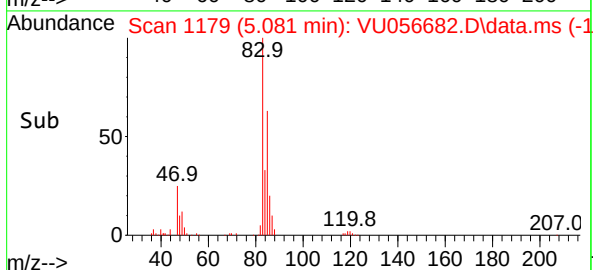
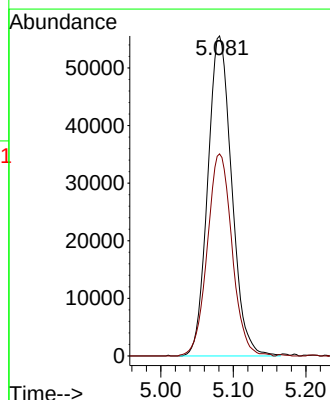
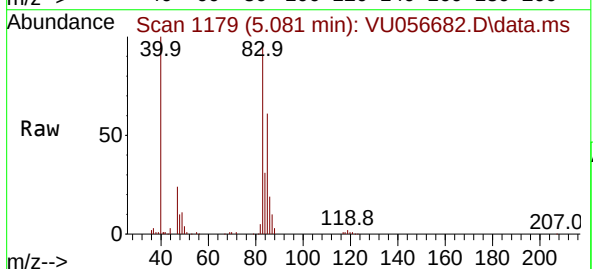
Acq: 07 Dec 2023 15:16

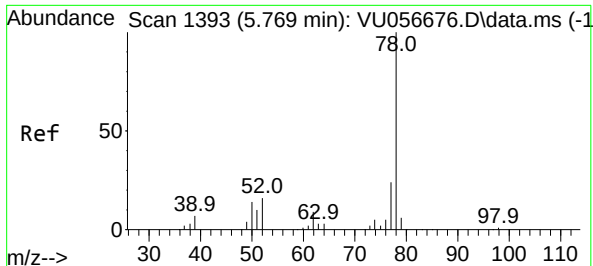
Tgt Ion: 83 Resp: 127638

Ion Ratio Lower Upper

83 100

85 63.2 47.0 87.2

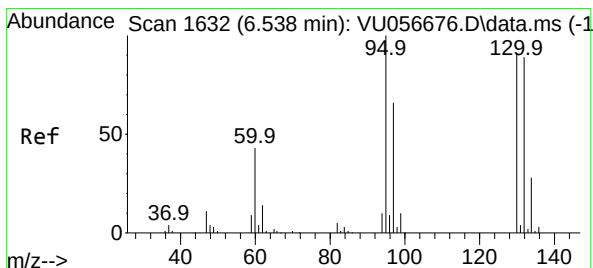
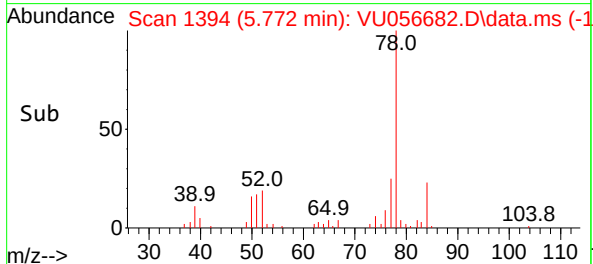
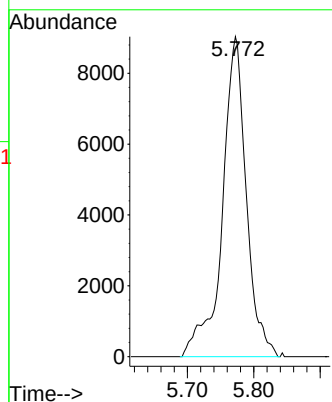
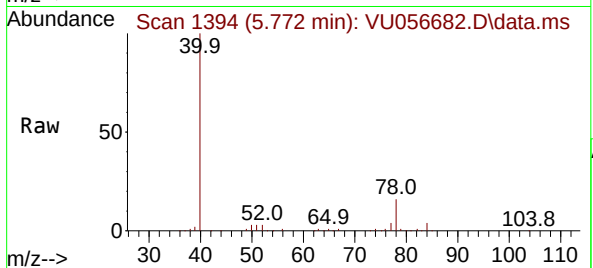




#33
Benzene
Concen: 0.330 ug/L
RT: 5.772 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU056682.D
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Instrument :
MSVOA_U
ClientSampleId :
DCLC3

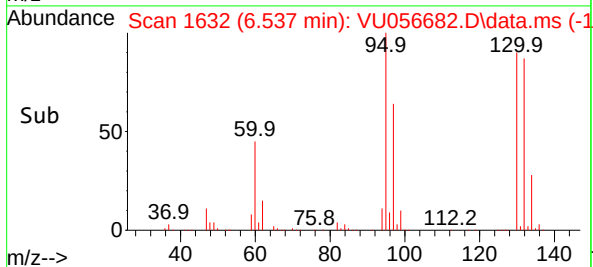
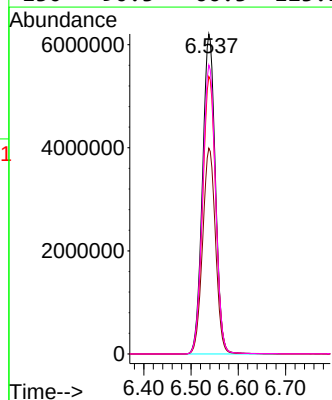
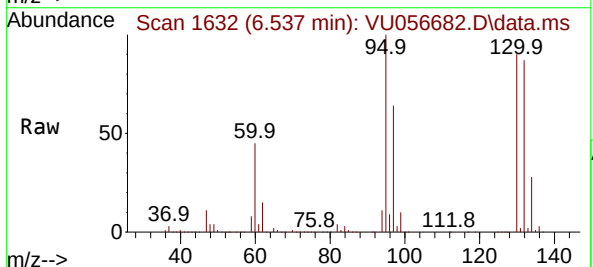
Tgt Ion: 78 Resp: 22734

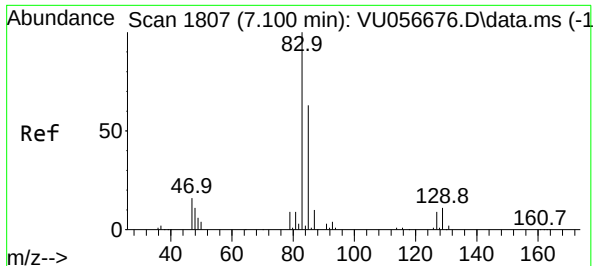


#34
Trichloroethene
Concen: 626.987 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU056682.D
Acq: 07 Dec 2023 15:16

Tgt Ion: 95 Resp:11766336

Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.5	86.3
132	86.7	62.0	115.2
130	90.3	66.3	123.1

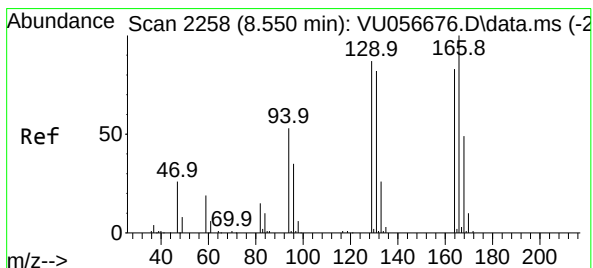
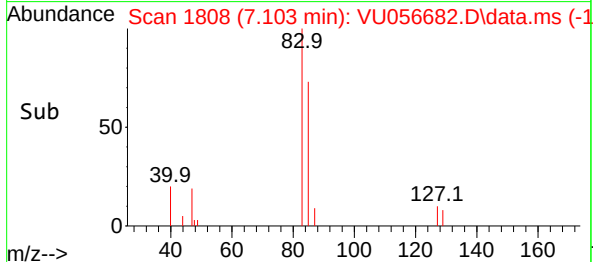
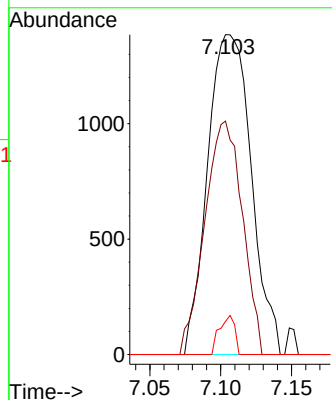
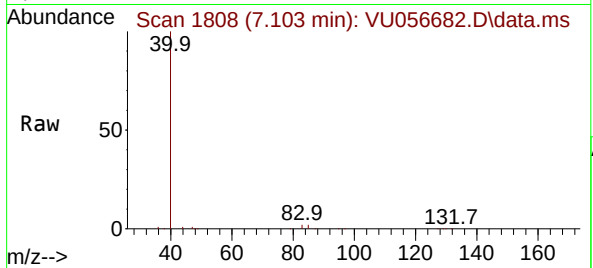




#38
Bromodichloromethane
Concen: 0.128 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU056682.D
Acq: 07 Dec 2023 15:16

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 83 Resp: 2973
Ion Ratio Lower Upper
83 100
85 73.0 44.9 83.5
127 10.4 6.9 10.3#



#47
Tetrachloroethene
Concen: 1.906 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056682.D
Acq: 07 Dec 2023 15:16

Tgt Ion:164 Resp: 24116
Ion Ratio Lower Upper
164 100
129 99.4 71.0 131.9
131 101.4 70.3 130.7
166 127.1 89.8 166.8

