

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120823\
 Data File : VW033183.D
 Acq On : 08 Dec 2023 12:23
 Operator : SY/MD
 Sample : 05673-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 08 21:59:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

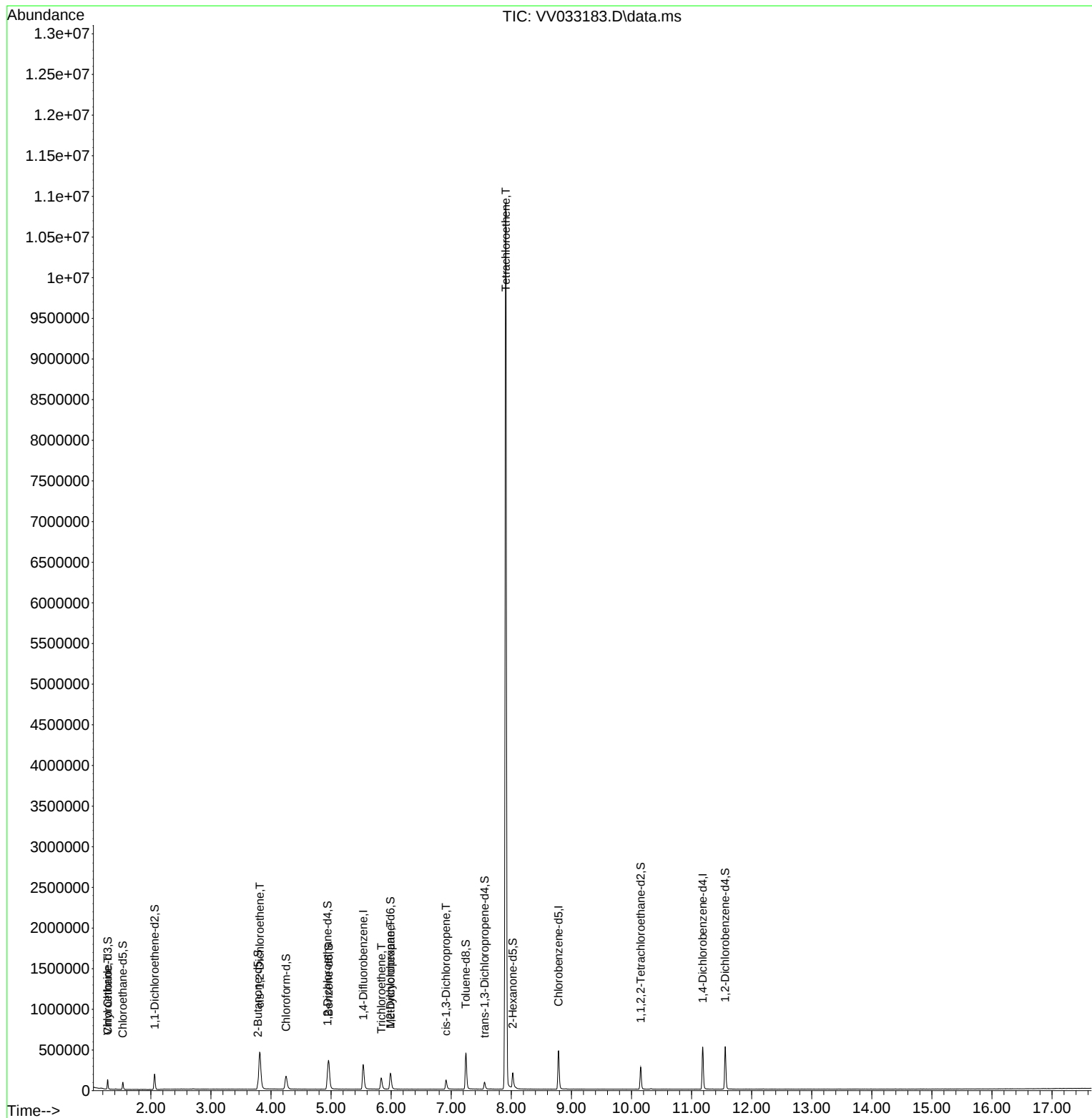
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	283315	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	279898	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	144594	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	73186	43.212	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.420%
7) Chloroethane-d5	1.532	69	55467	47.003	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.063	65	29139	45.225	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.460%
21) 2-Butanone-d5	3.783	46	70674	84.015	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.020%
24) Chloroform-d	4.249	84	170613	47.468	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.940%
26) 1,2-Dichloroethane-d4	4.940	65	112706	50.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.880%
32) Benzene-d6	4.960	84	325080	49.659	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.320%
36) 1,2-Dichloropropane-d6	5.989	67	85597	48.632	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.260%
41) Toluene-d8	7.243	98	301263	48.243	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.480%
43) trans-1,3-Dichloroprop...	7.555	79	49653	44.612	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.220%
47) 2-Hexanone-d5	8.024	63	63305	89.528	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.530%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	114686	45.836	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.680%
66) 1,2-Dichlorobenzene-d4	11.561	152	139899	54.379	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.760%
Target Compounds						
					Qvalue	
8) Chloroethane	1.281	64	1162	1.114	ug/L #	1
20) cis-1,2-Dichloroethene	3.812	96	272792	137.856	ug/L	94
34) Trichloroethene	5.838	95	44723	21.106	ug/L	97
35) Methylcyclohexane	5.989	83	24922	8.104	ug/L #	21
39) cis-1,3-Dichloropropene	6.911	75	3668	1.231	ug/L #	81
46) Tetrachloroethene	7.908	164	2411258	1323.722	ug/L	97

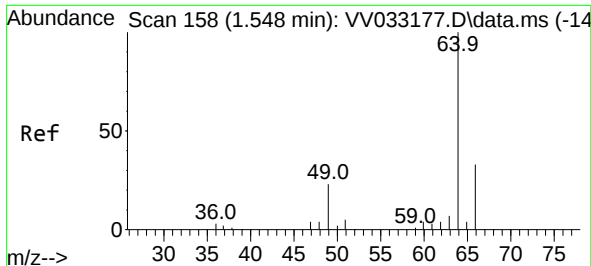
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 08 21:51:12 2023
Response via : Initial Calibration





#8

Chloroethane

Concen: 1.114 ug/L

RT: 1.281 min Scan# 70

Delta R.T. -0.267 min MSVOA_V

Lab File: VV033183.D

Acq: 08 Dec 2023 12:23

Instrument :

MSVOA_V

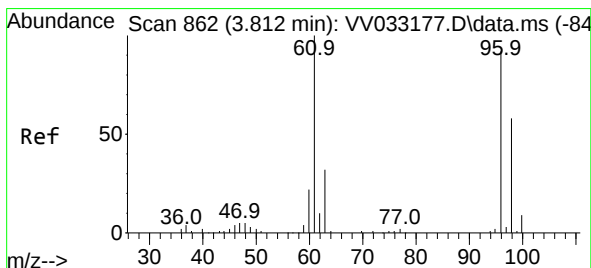
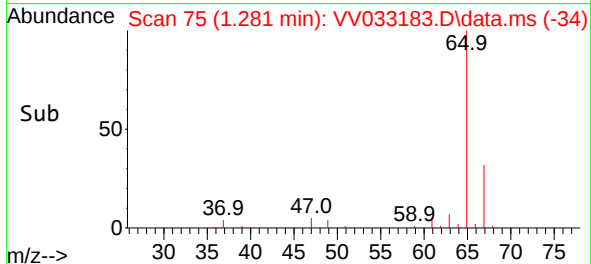
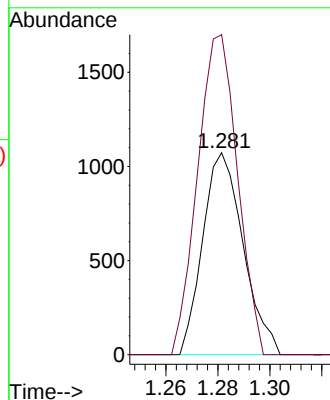
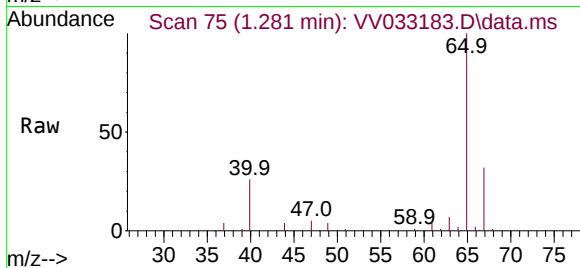
ClientSampleId :

Tgt Ion: 64 Resp: 1162

Ion Ratio Lower Upper

64 100

66 158.4 22.3 41.5#



#20

cis-1,2-Dichloroethene

Concen: 137.856 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.000 min

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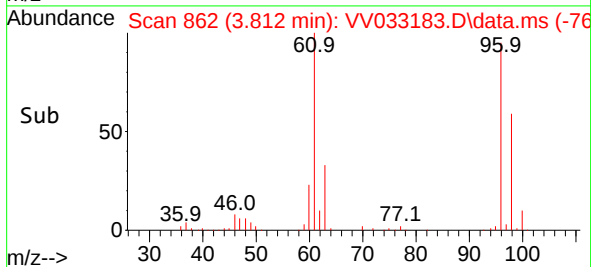
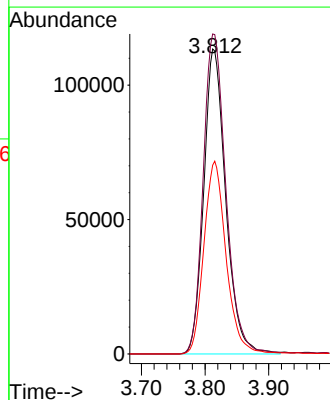
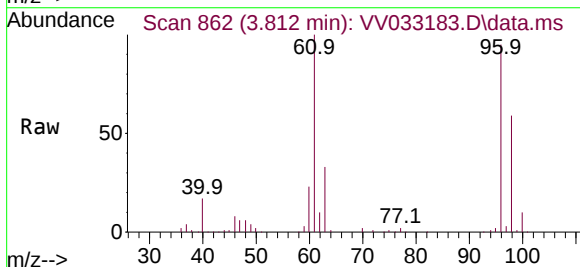
Tgt Ion: 96 Resp: 272792

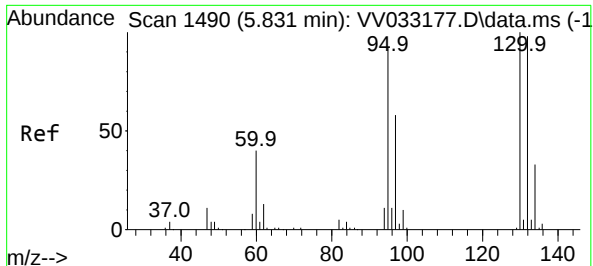
Ion Ratio Lower Upper

96 100

61 104.9 79.1 146.9

98 61.9 45.1 83.7

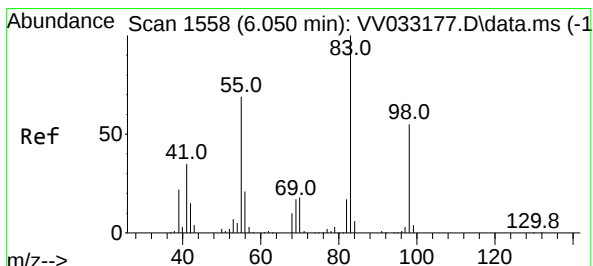
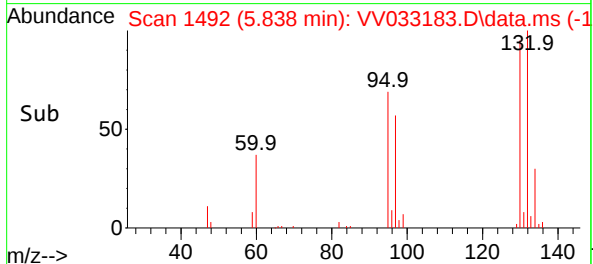
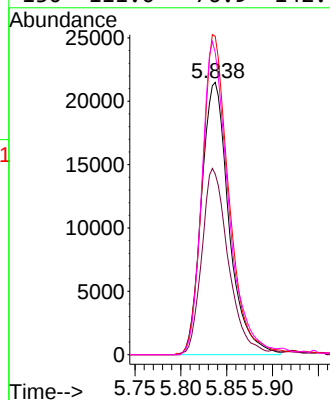
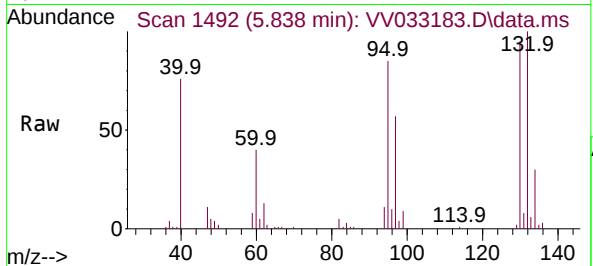




#34
Trichloroethene
Concen: 21.106 ug/L
RT: 5.838 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VV033183.D
Acq: 08 Dec 2023 12:23

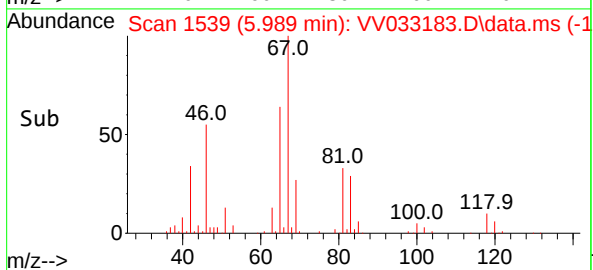
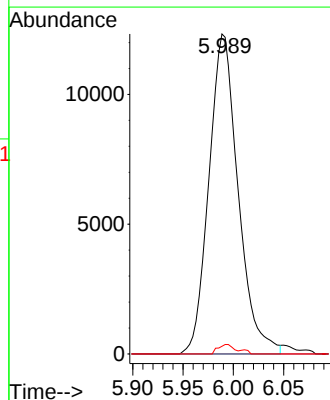
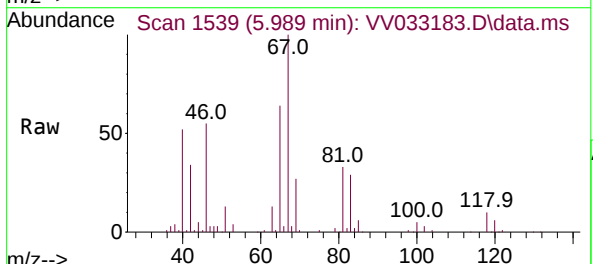
Instrument :
MSVOA_V
ClientSampleId :

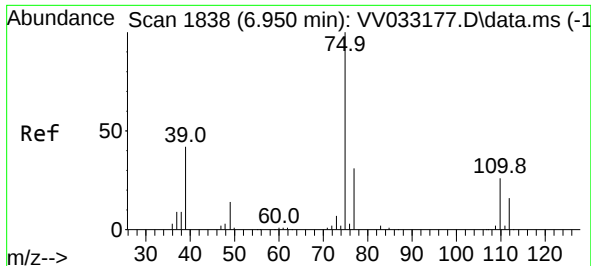
Tgt Ion: 95 Resp: 44723
Ion Ratio Lower Upper
95 100
97 66.3 45.8 85.0
132 117.0 77.4 143.8
130 111.0 76.9 142.7



#35
Methylcyclohexane
Concen: 8.104 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.061 min
Lab File: VV033183.D
Acq: 08 Dec 2023 12:23

Tgt Ion: 83 Resp: 24922
Ion Ratio Lower Upper
83 100
55 0.0 54.8 82.2#
98 1.6 41.4 62.0#





#39

cis-1,3-Dichloropropene

Concen: 1.231 ug/L

RT: 6.911 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV033183.D

Acq: 08 Dec 2023 12:23

Instrument :

MSVOA_V

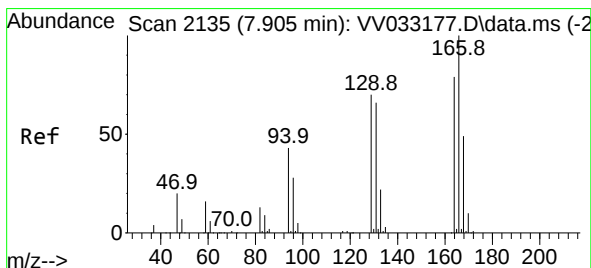
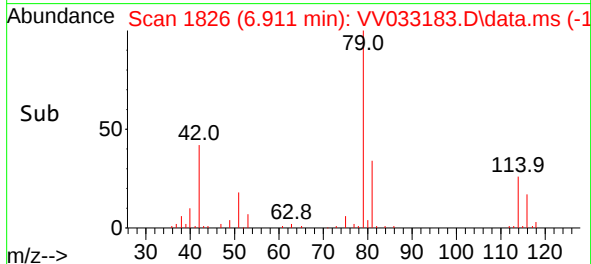
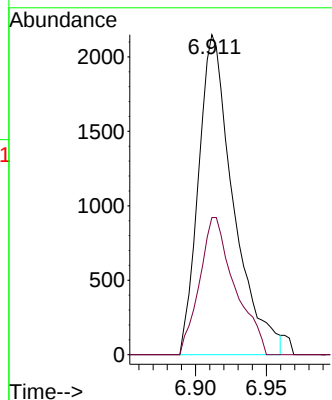
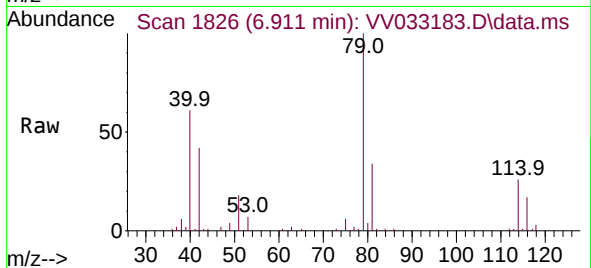
ClientSampleId :

Tgt Ion: 75 Resp: 3668

Ion Ratio Lower Upper

75 100

77 42.9 22.4 41.6#



#46

Tetrachloroethene

Concen: 1323.722 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV033183.D

Acq: 08 Dec 2023 12:23

Tgt Ion: 164 Resp: 2411258

Ion Ratio Lower Upper

164 100

129 90.2 65.6 121.8

131 87.9 64.7 120.1

166 128.2 89.4 166.0

