

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060897.D
 Acq On : 19 Sep 2024 14:44
 Operator : MD/SY
 Sample : P3952-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B41

Quant Time: Sep 19 23:57:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 23:54:48 2024
 Response via : Initial Calibration

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

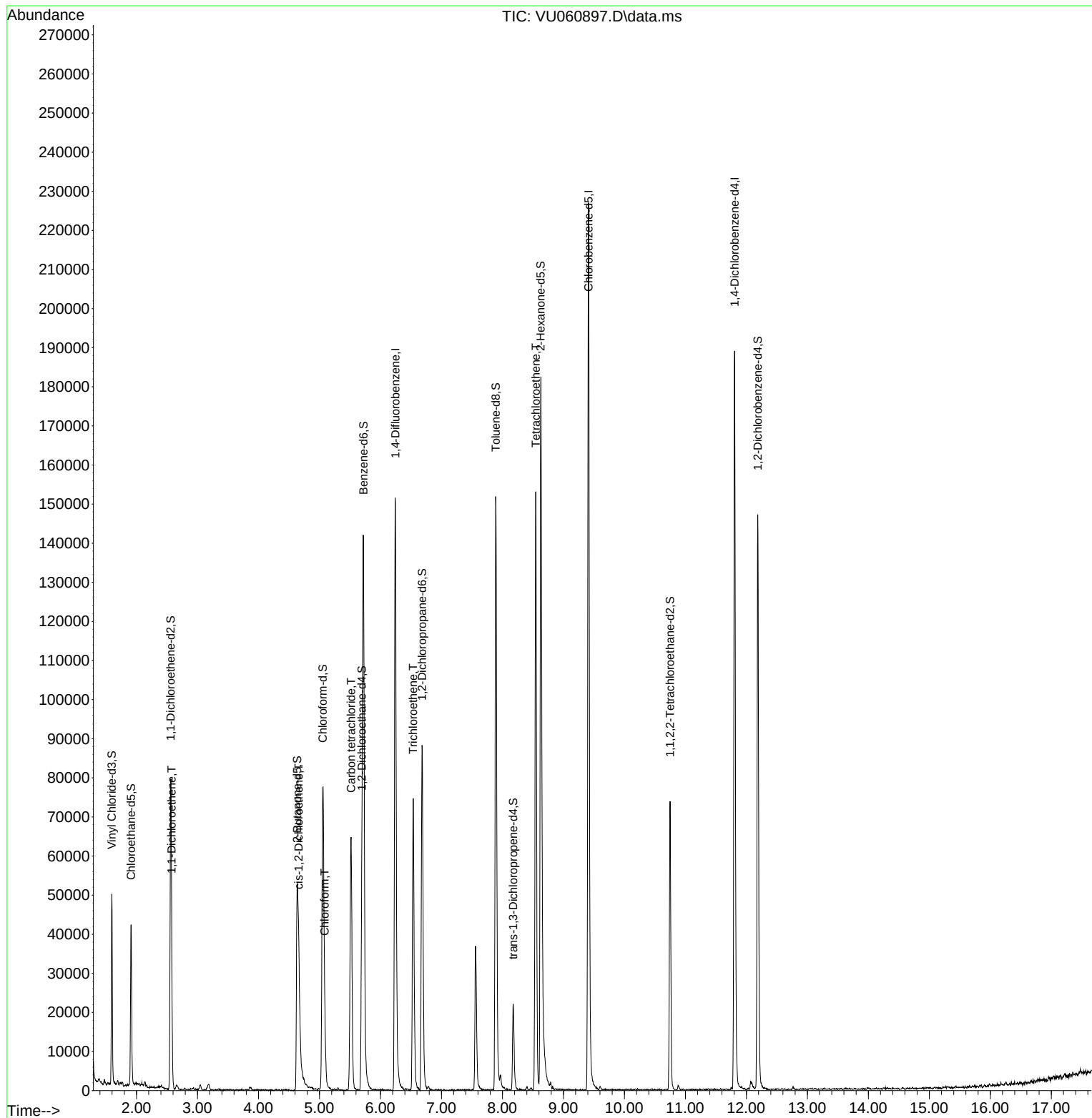
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	131276	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	144839	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	57897	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34885	2.955	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.000%
7) Chloroethane-d5	1.911	69	31028	3.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.560	65	14327	3.423	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.400%
20) 2-Butanone-d5	4.634	46	81198	42.837	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.680%
24) Chloroform-d	5.055	84	73861	4.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	5.695	65	38926	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.721	84	138815	3.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.600%
36) 1,2-Dichloropropane-d6	6.682	67	45290	3.771	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.400%
41) Toluene-d8	7.891	98	113338	3.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.000%#
43) trans-1,3-Dichloroprop...	8.177	79	15045	3.480	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.600%
46) 2-Hexanone-d5	8.627	63	66930	39.244	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.480%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	37095	3.942	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	42843	4.404	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	4778	0.579	ug/L	# 1
22) cis-1,2-Dichloroethene	4.660	96	6473	0.684	ug/L	93
25) Chloroform	5.084	83	15026	0.839	ug/L	93
31) Carbon tetrachloride	5.518	117	47202	3.409	ug/L	97
34) Trichloroethene	6.537	95	27220	2.607	ug/L	94
47) Tetrachloroethene	8.547	164	37269	4.492	ug/L	93

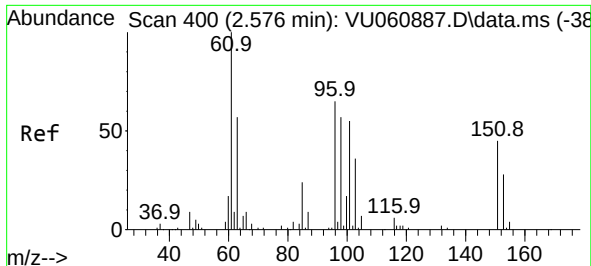
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 23:54:48 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.579 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU060897.D

Acq: 19 Sep 2024 14:44

Instrument :

MSVOA_U

ClientSampleId :

C0B41

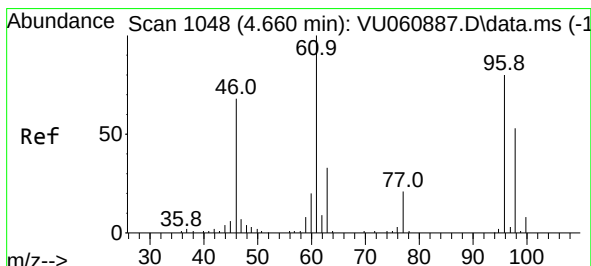
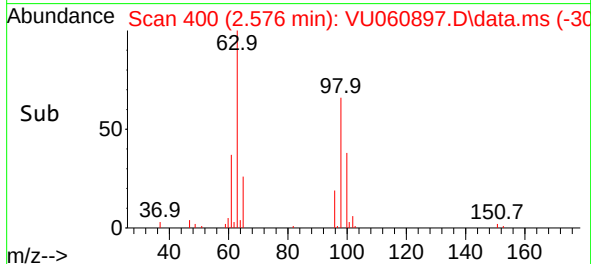
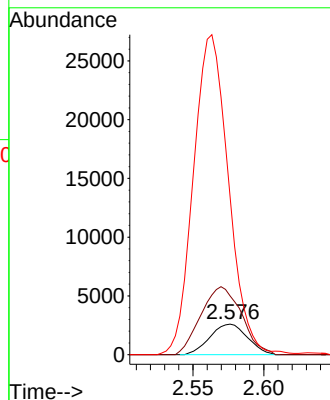
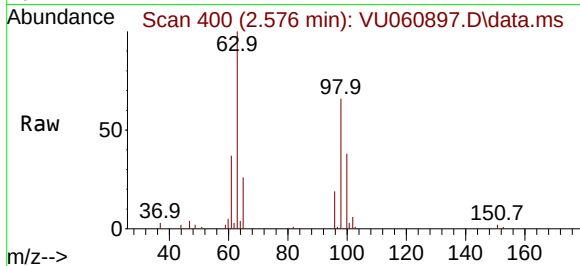
Tgt Ion: 96 Resp: 4778

Ion Ratio Lower Upper

96 100

61 178.1 120.7 224.1

63 478.4 90.0 167.2#



#22

cis-1,2-Dichloroethene

Concen: 0.684 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU060897.D

Acq: 19 Sep 2024 14:44

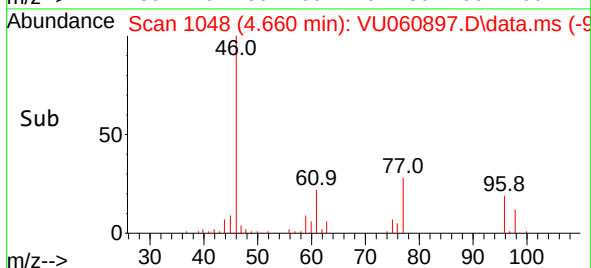
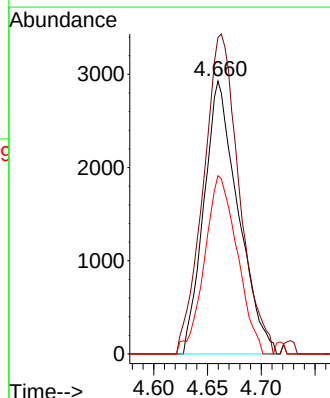
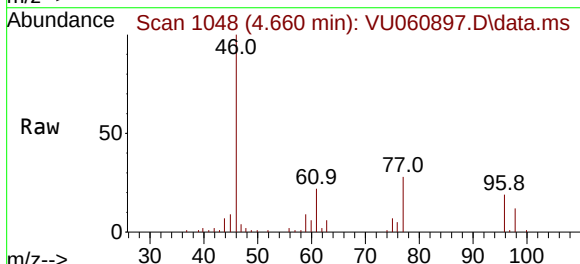
Tgt Ion: 96 Resp: 6473

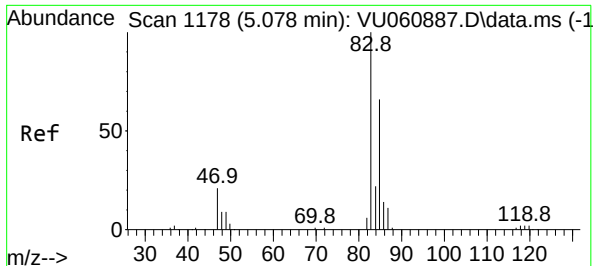
Ion Ratio Lower Upper

96 100

61 116.0 89.7 166.5

98 65.3 45.1 83.9





#25

Chloroform

Concen: 0.839 ug/L

RT: 5.084 min Scan# 1178

Delta R.T. 0.006 min

Lab File: VU060897.D

Acq: 19 Sep 2024 14:44

Instrument :

MSVOA_U

ClientSampleId :

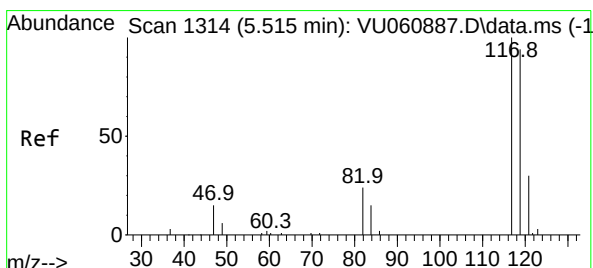
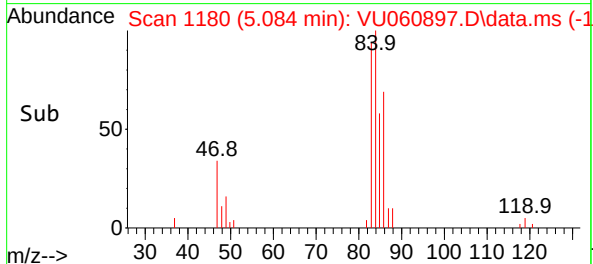
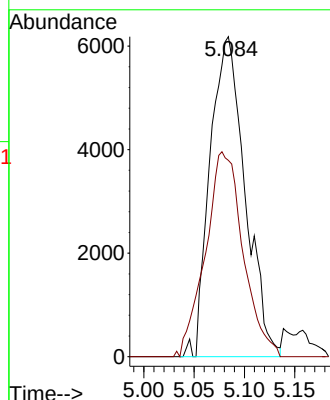
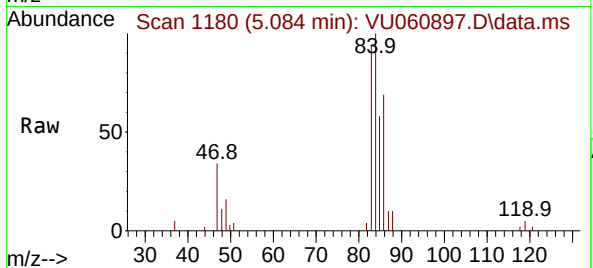
C0B41

Tgt Ion: 83 Resp: 15026

Ion Ratio Lower Upper

83 100

85 61.4 46.8 86.8



#31

Carbon tetrachloride

Concen: 3.409 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. 0.003 min

Lab File: VU060897.D

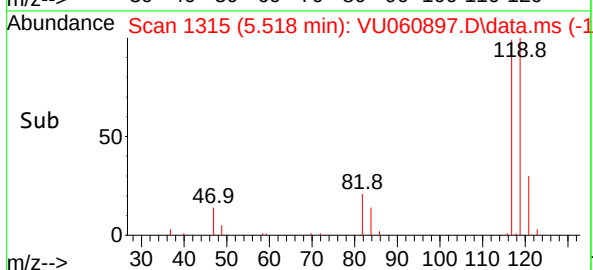
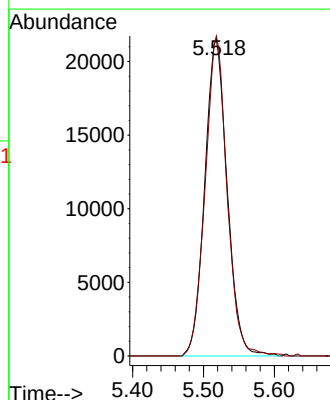
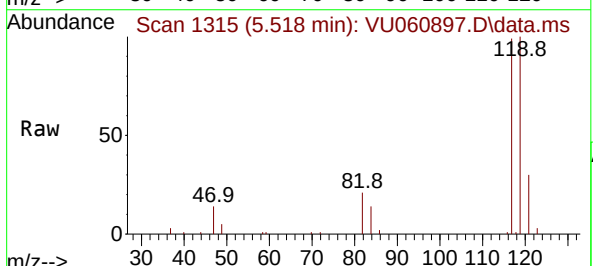
Acq: 19 Sep 2024 14:44

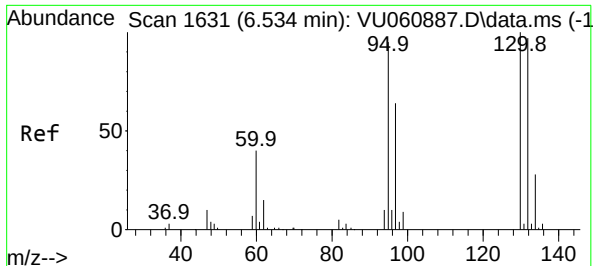
Tgt Ion: 117 Resp: 47202

Ion Ratio Lower Upper

117 100

119 98.5 76.3 114.5





#34

Trichloroethene

Concen: 2.607 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060897.D

Acq: 19 Sep 2024 14:44

Instrument :

MSVOA_U

ClientSampleId :

C0B41

Tgt Ion: 95 Resp: 27220

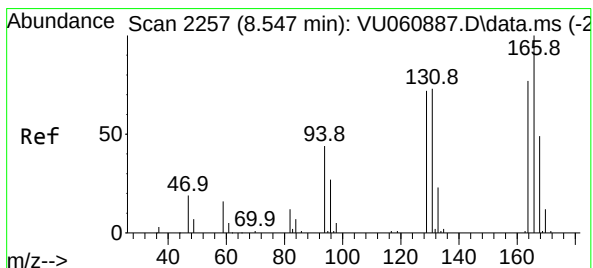
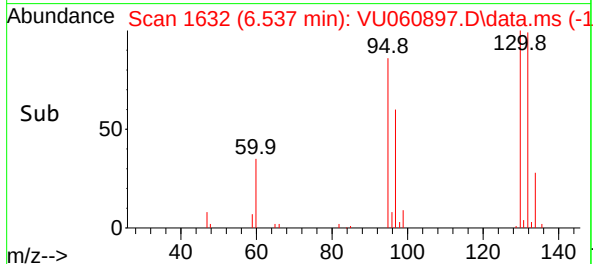
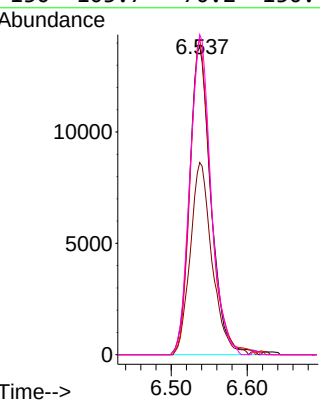
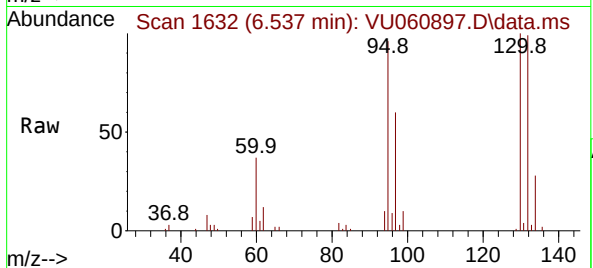
Ion Ratio Lower Upper

95 100

97 62.3 44.9 83.5

132 102.5 63.5 117.9

130 103.7 70.2 130.4



#47

Tetrachloroethene

Concen: 4.492 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU060897.D

Acq: 19 Sep 2024 14:44

Tgt Ion:164 Resp: 37269

Ion Ratio Lower Upper

164 100

129 91.2 67.3 124.9

131 86.0 65.4 121.4

166 118.9 89.5 166.1

