

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072324\
 Data File : VW036650.D
 Acq On : 23 Jul 2024 16:40
 Operator : SY/MD
 Sample : P3276-08
 Misc : 9.83g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20H7

Quant Time: Jul 24 01:01:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 00:57:38 2024
 Response via : Initial Calibration

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

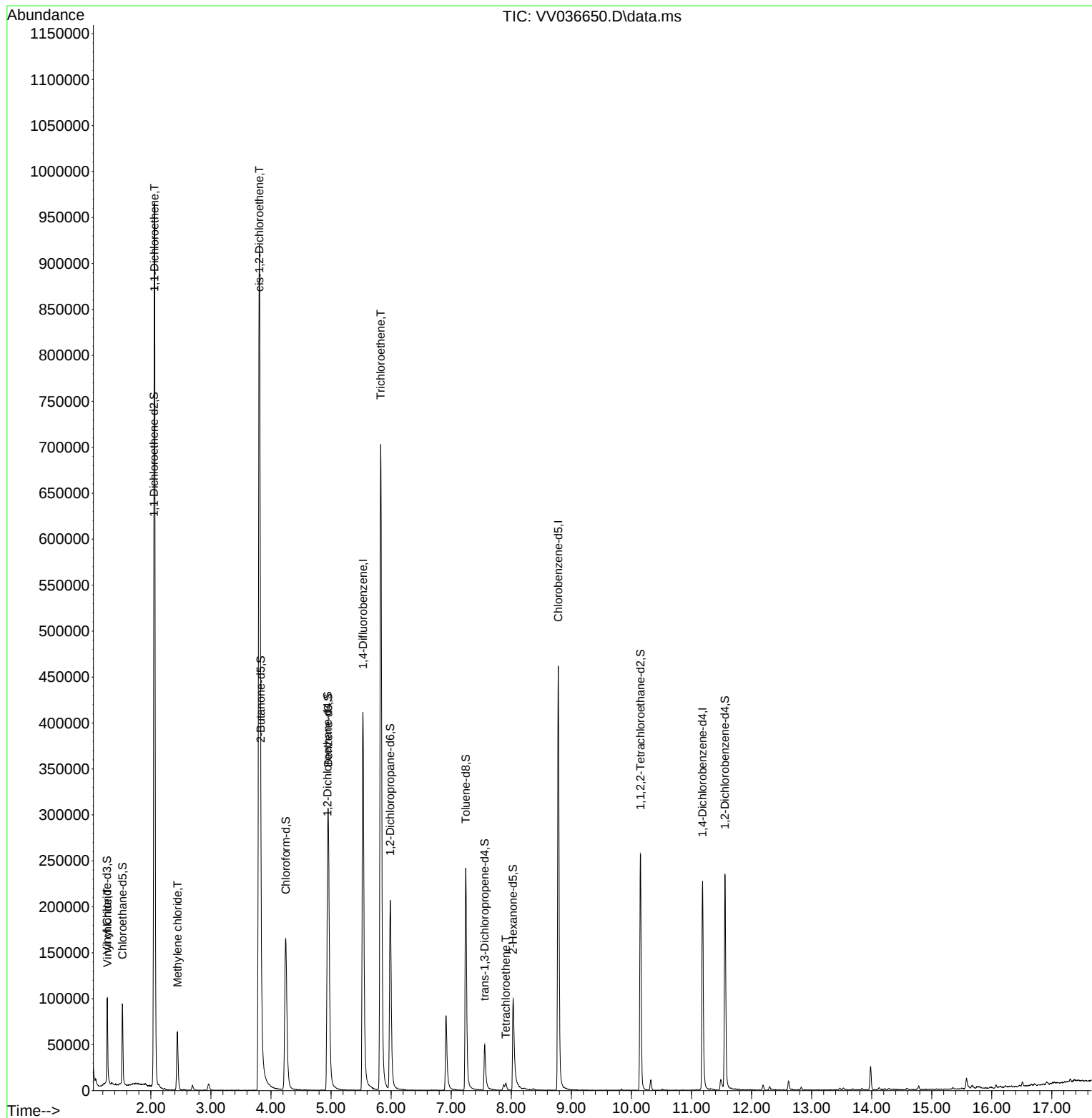
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	394468	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	287600	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	67141	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	51417	11.901	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.600%
7) Chloroethane-d5	1.526	69	58888	15.091	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.360%
11) 1,1-Dichloroethene-d2	2.050	65	25517	11.170	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.680%#
21) 2-Butanone-d5	3.831	46	58312	57.833	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.660%
24) Chloroform-d	4.246	84	186847	17.910	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.640%
26) 1,2-Dichloroethane-d4	4.941	65	109031	21.184	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.720%
32) Benzene-d6	4.953	84	263110	19.303	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	5.986	67	101187	26.053	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.200%
41) Toluene-d8	7.243	98	179832	13.825	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	55.280%
43) trans-1,3-Dichloroprop...	7.558	79	34783	20.146	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.600%
47) 2-Hexanone-d5	8.030	63	39332	76.096	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.200%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	120795	35.685	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	142.720%#
66) 1,2-Dichlorobenzene-d4	11.558	152	67980	29.004	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.000%
Target Compounds						
5) Vinyl chloride	1.278	62	13450	2.113	ug/L	99
12) 1,1-Dichloroethene	2.060	96	284408	46.735	ug/L #	88
16) Methylene chloride	2.442	84	30916	4.212	ug/L	93
20) cis-1,2-Dichloroethene	3.806	96	553237	86.196	ug/L	98
34) Trichloroethene	5.828	95	245896	46.005	ug/L	98
46) Tetrachloroethene	7.908	164	2256	0.425	ug/L	87

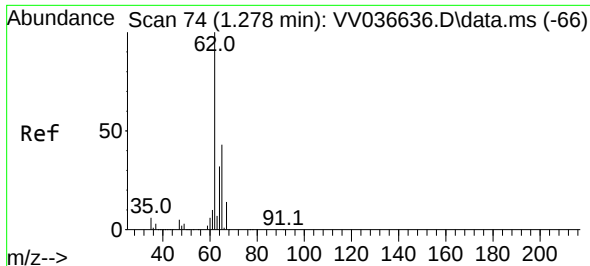
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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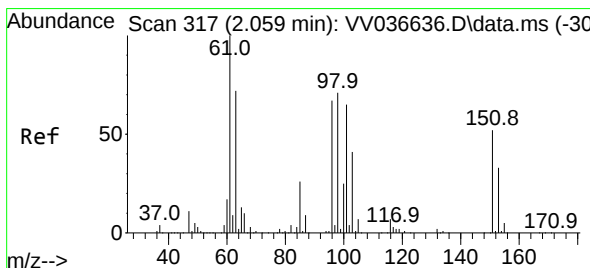
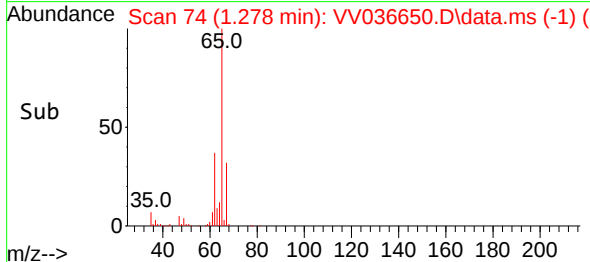
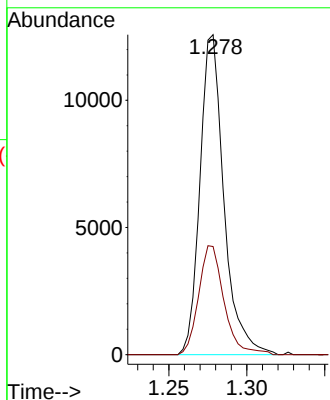
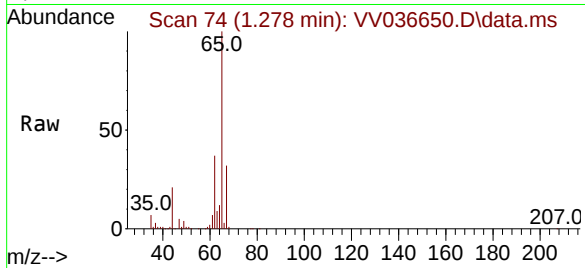




#5
Vinyl chloride
Concen: 2.113 ug/L
RT: 1.278 min Scan# 74
Delta R.T. 0.000 min
Lab File: VV036650.D
Acq: 23 Jul 2024 16:40

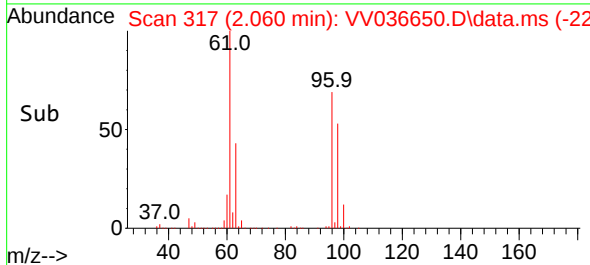
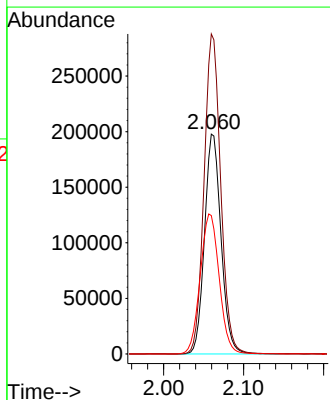
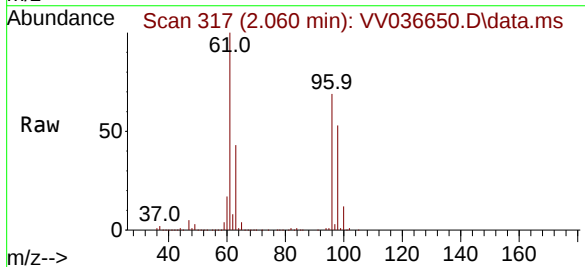
Instrument : MSVOA_V
ClientSampleId : E20H7

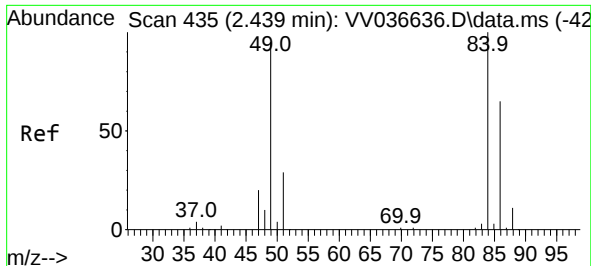
Tgt Ion:	62	Resp:	13450
Ion Ratio	Lower	Upper	
62	100		
64	33.8	23.1	42.9



#12
1,1-Dichloroethene
Concen: 46.735 ug/L
RT: 2.060 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV036650.D
Acq: 23 Jul 2024 16:40

Tgt Ion:	96	Resp:	284408
Ion Ratio	Lower	Upper	
96	100		
61	145.5	102.3	189.9
63	63.0	64.1	119.1#

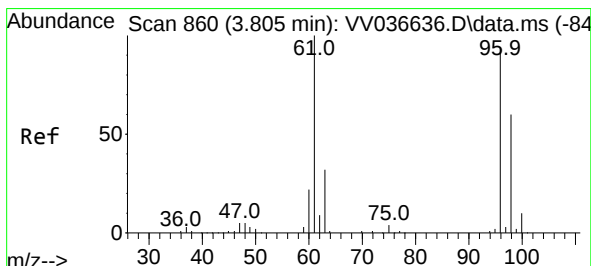
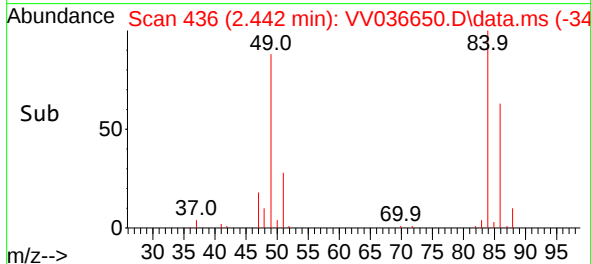
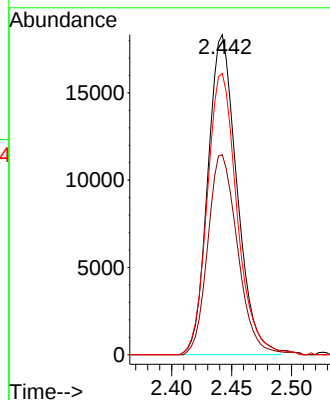
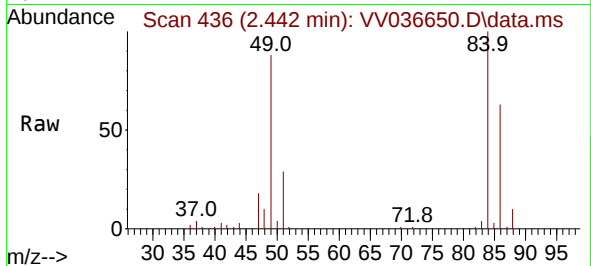




#16
Methylene chloride
Concen: 4.212 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036650.D
Acq: 23 Jul 2024 16:40

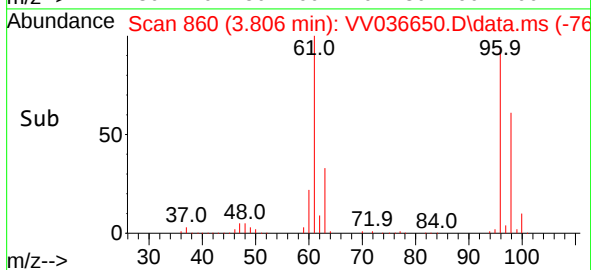
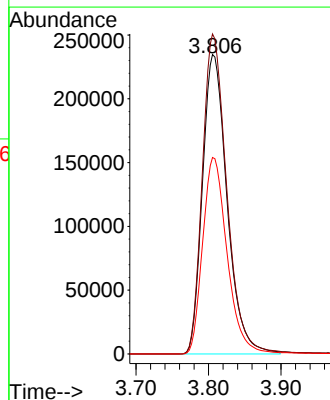
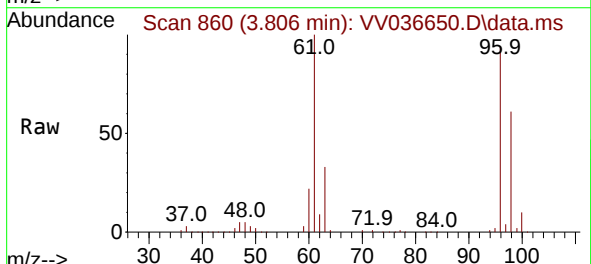
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MSVOA_V
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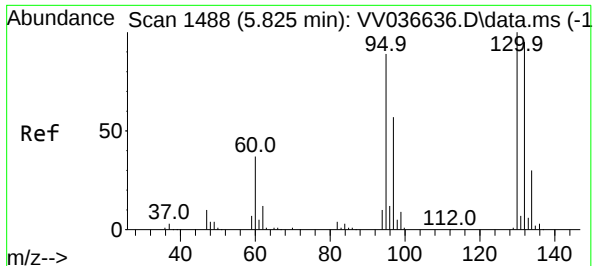
Tgt Ion: 84 Resp: 30916
Ion Ratio Lower Upper
84 100
86 62.5 47.2 87.6
49 87.9 67.3 125.1



#20
cis-1,2-Dichloroethene
Concen: 86.196 ug/L
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV036650.D
Acq: 23 Jul 2024 16:40

Tgt Ion: 96 Resp: 553237
Ion Ratio Lower Upper
96 100
61 106.8 73.0 135.6
98 65.6 44.8 83.2





#34

Trichloroethene

Concen: 46.005 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV036650.D

Acq: 23 Jul 2024 16:40

Instrument :

MSVOA_V

ClientSampleId :

E20H7

Tgt Ion: 95 Resp: 245896

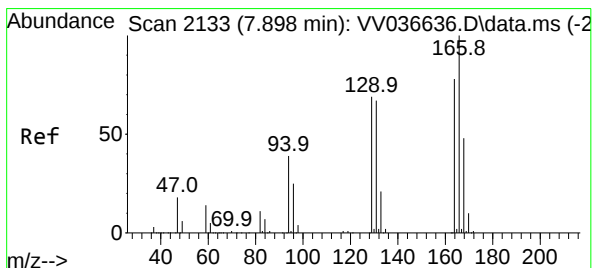
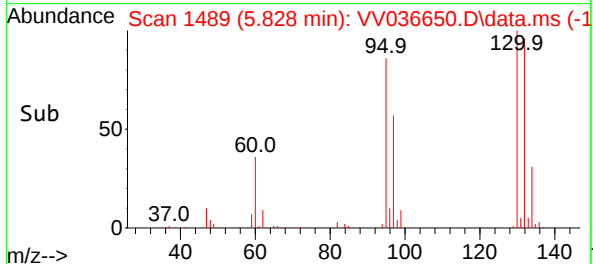
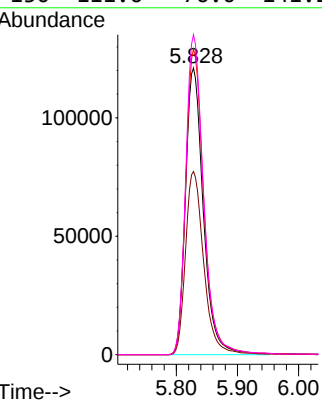
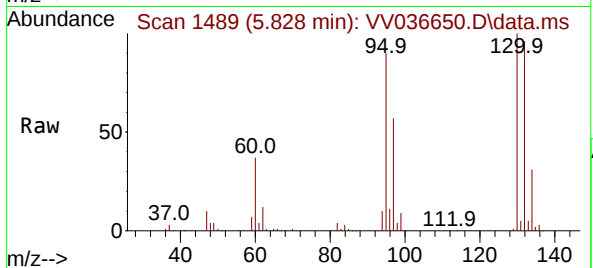
Ion Ratio Lower Upper

95 100

97 63.9 45.1 83.7

132 106.6 72.7 134.9

130 111.6 76.0 141.2



#46

Tetrachloroethene

Concen: 0.425 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.010 min

Lab File: VV036650.D

Acq: 23 Jul 2024 16:40

Tgt Ion:164 Resp: 2256

Ion Ratio Lower Upper

164 100

129 80.1 61.0 113.2

131 76.9 60.1 111.5

166 107.0 89.7 166.7

