

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051133.D
 Acq On : 05 Oct 2022 17:34
 Operator : JC/MD
 Sample : N4853-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW839

Quant Time: Oct 06 03:05:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 06 02:55:50 2022
 Response via : Initial Calibration

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

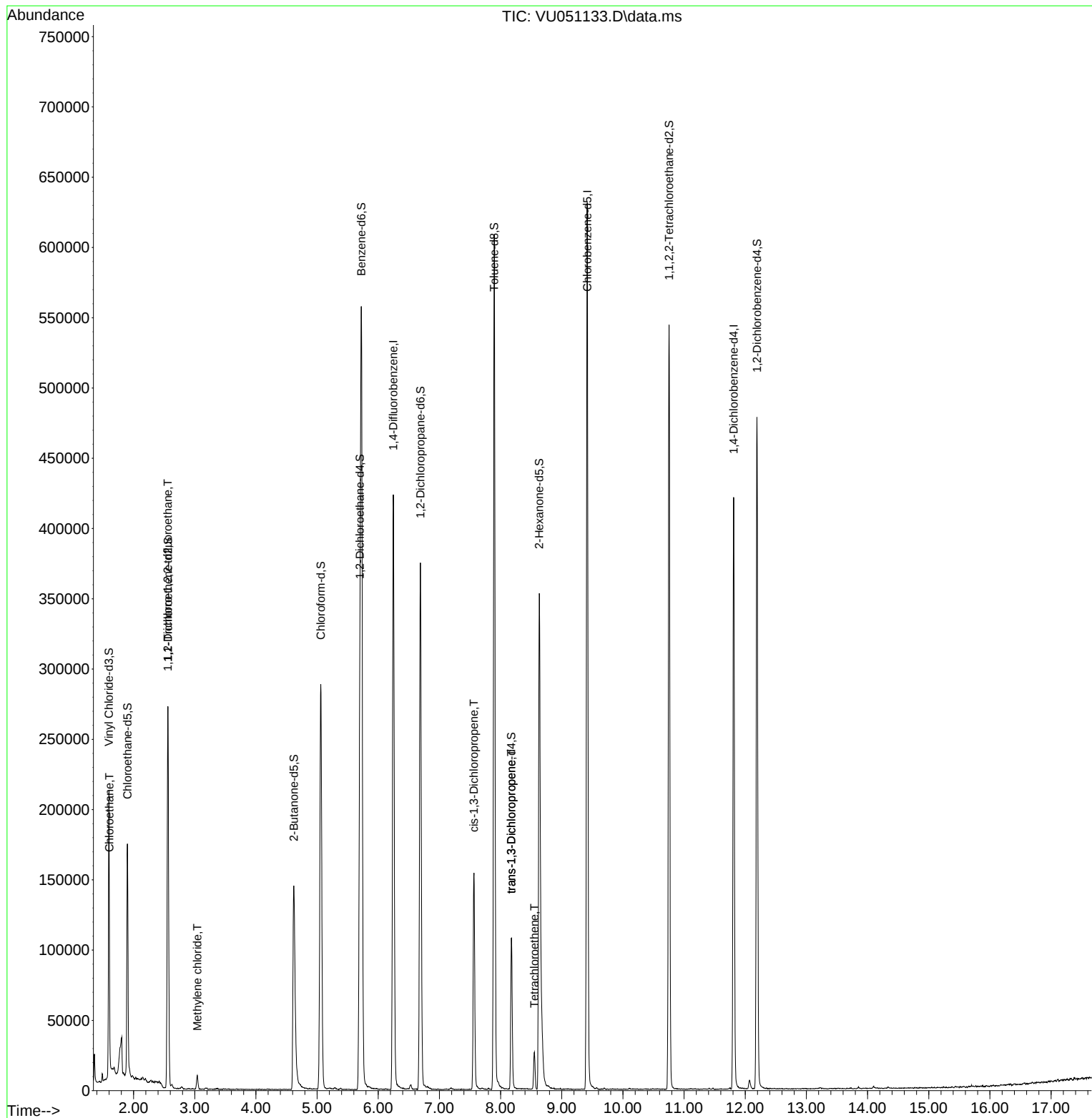
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	334121	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	352988	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	114310	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	135456	40.003	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.000%
7) Chloroethane-d5	1.899	69	129414	41.143	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.280%
11) 1,1-Dichloroethene-d2	2.562	63	163340	32.656	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.320%
21) 2-Butanone-d5	4.620	46	207719	94.581	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.580%
24) Chloroform-d	5.060	84	269577	49.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.820%
26) 1,2-Dichloroethane-d4	5.700	65	177683	52.619	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.240%
32) Benzene-d6	5.726	84	521419	50.443	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.880%
36) 1,2-Dichloropropane-d6	6.690	67	183008	54.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.120%
41) Toluene-d8	7.896	98	403791	42.280	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.560%
43) trans-1,3-Dichloroprop...	8.176	79	60963	38.105	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.220%
47) 2-Hexanone-d5	8.632	63	99772	73.666	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.670%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	274675	46.856	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.720%
66) 1,2-Dichlorobenzene-d4	12.192	152	128061	52.442	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.880%
Target Compounds						
8) Chloroethane	1.604	64	9071	3.516	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1607	0.630	ug/L #	22
16) Methylene chloride	3.041	84	4397	1.286	ug/L	92
39) cis-1,3-Dichloropropene	7.562	75	4043	0.985	ug/L #	71
44) trans-1,3-Dichloropropene	8.176	75	2634	0.635	ug/L #	81
46) Tetrachloroethene	8.552	164	6144	2.909	ug/L	97

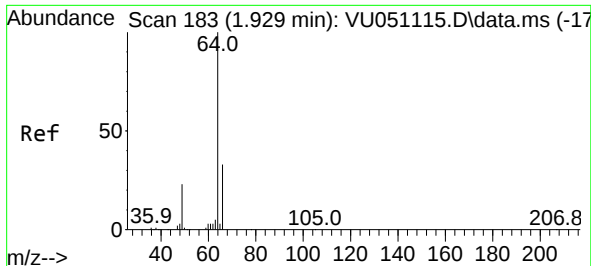
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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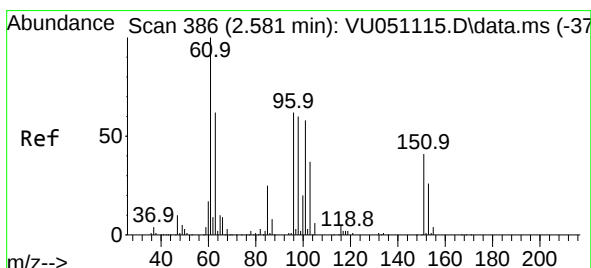
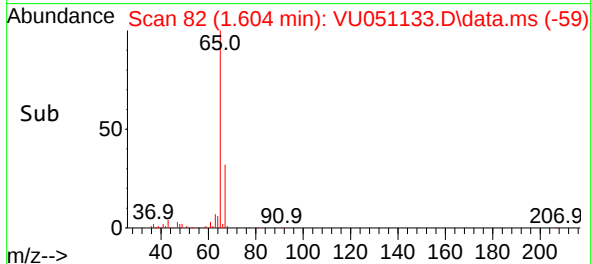
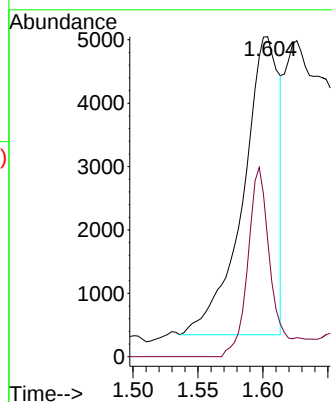
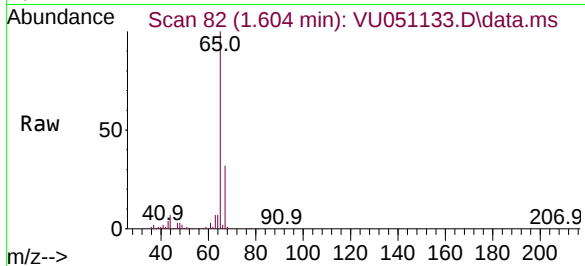




#8
Chloroethane
Concen: 3.516 ug/L
RT: 1.604 min Scan# 81
Delta R.T. -0.325 min
Lab File: VU051133.D
Acq: 05 Oct 2022 17:34

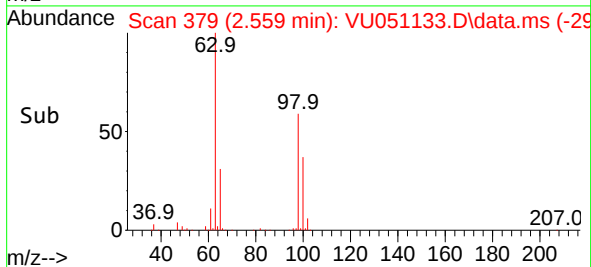
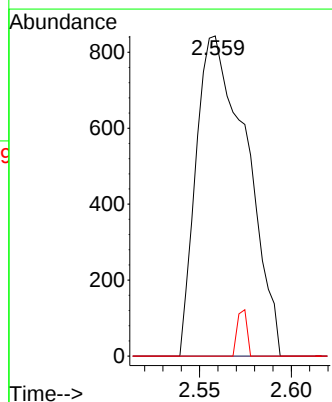
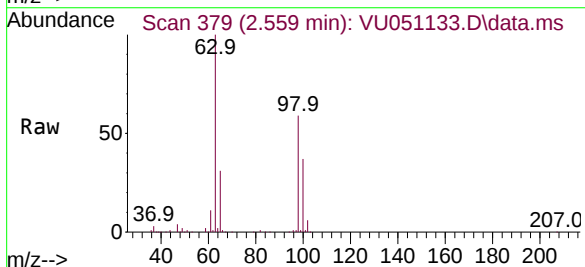
Instrument :
MSVOA_U
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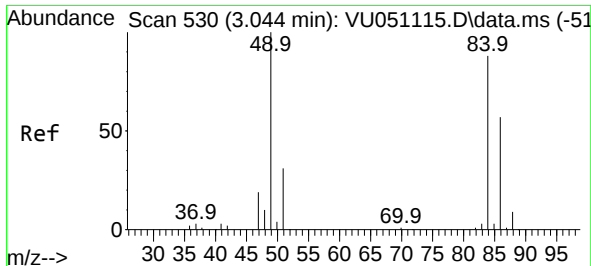
Tgt Ion: 64 Resp: 9071
Ion Ratio Lower Upper
64 100
66 36.3 22.3 41.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.630 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.023 min
Lab File: VU051133.D
Acq: 05 Oct 2022 17:34

Tgt Ion:101 Resp: 1607
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 2.8 58.6 87.8#

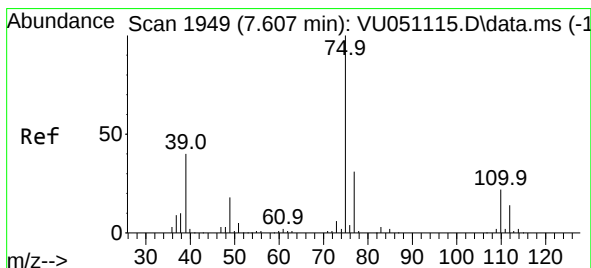
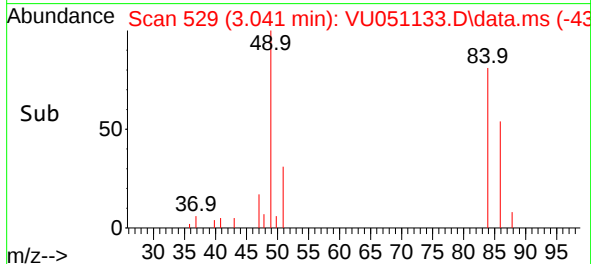
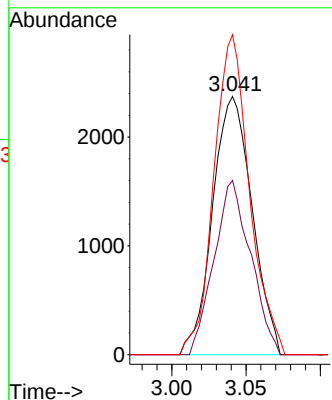
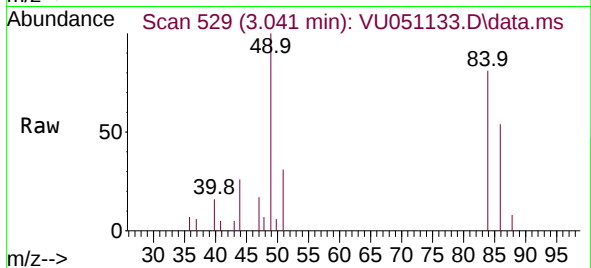




#16
Methylene chloride
Concen: 1.286 ug/L
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU051133.D
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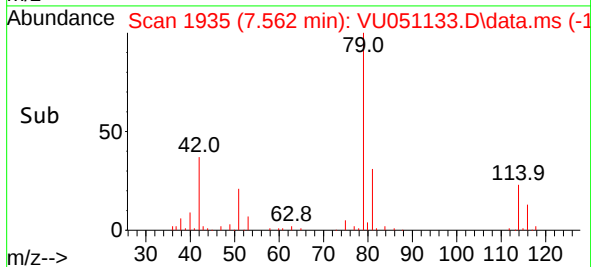
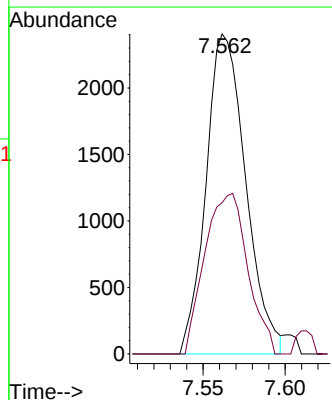
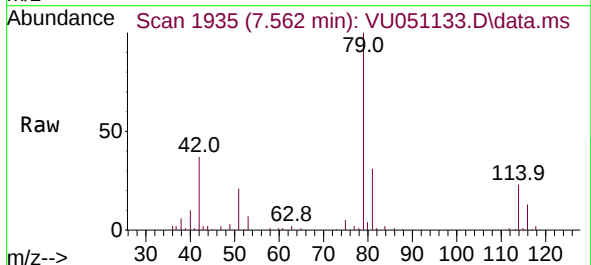
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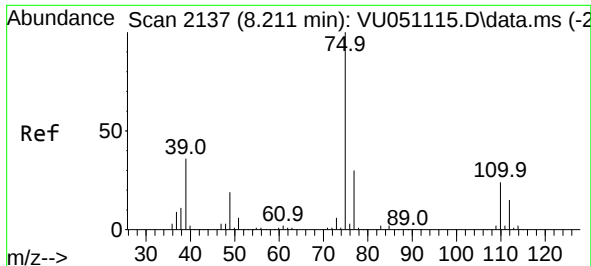
Tgt Ion: 84 Resp: 4397
Ion Ratio Lower Upper
84 100
86 67.4 45.4 84.4
49 123.9 78.3 145.3



#39
cis-1,3-Dichloropropene
Concen: 0.985 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.045 min
Lab File: VU051133.D
Acq: 05 Oct 2022 17:34

Tgt Ion: 75 Resp: 4043
Ion Ratio Lower Upper
75 100
77 47.3 22.0 41.0#

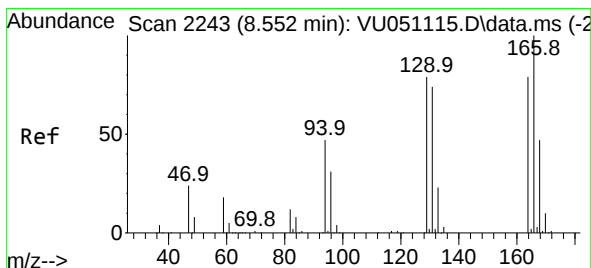
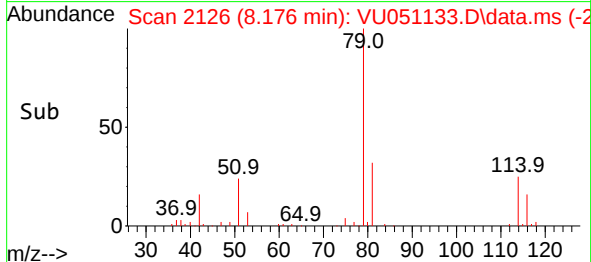
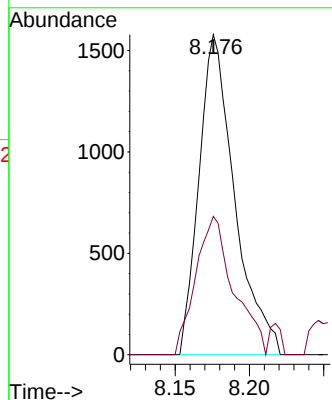
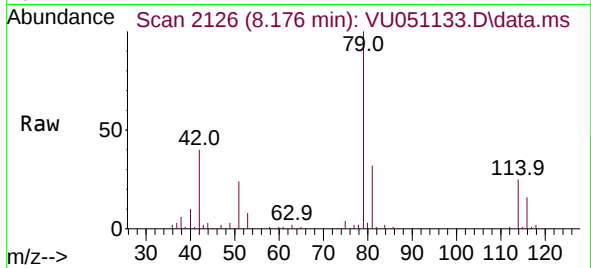




#44
trans-1,3-Dichloropropene
Concen: 0.635 ug/L
RT: 8.176 min Scan# 2137
Delta R.T. -0.036 min
Lab File: VU051133.D
Acq: 05 Oct 2022 17:34

Instrument :
MSVOA_U
ClientSampleId :
EW839

Tgt Ion: 75 Resp: 2634
Ion Ratio Lower Upper
75 100
77 43.2 22.7 42.3#



#46
Tetrachloroethene
Concen: 2.909 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051133.D
Acq: 05 Oct 2022 17:34

Tgt Ion: 164 Resp: 6144
Ion Ratio Lower Upper
164 100
129 105.6 68.1 126.5
131 97.0 67.8 126.0
166 131.3 90.5 168.1

