

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060891.D
 Acq On : 19 Sep 2024 12:22
 Operator : MD/SY
 Sample : P3952-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B63

Quant Time: Sep 19 23:56:04 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)

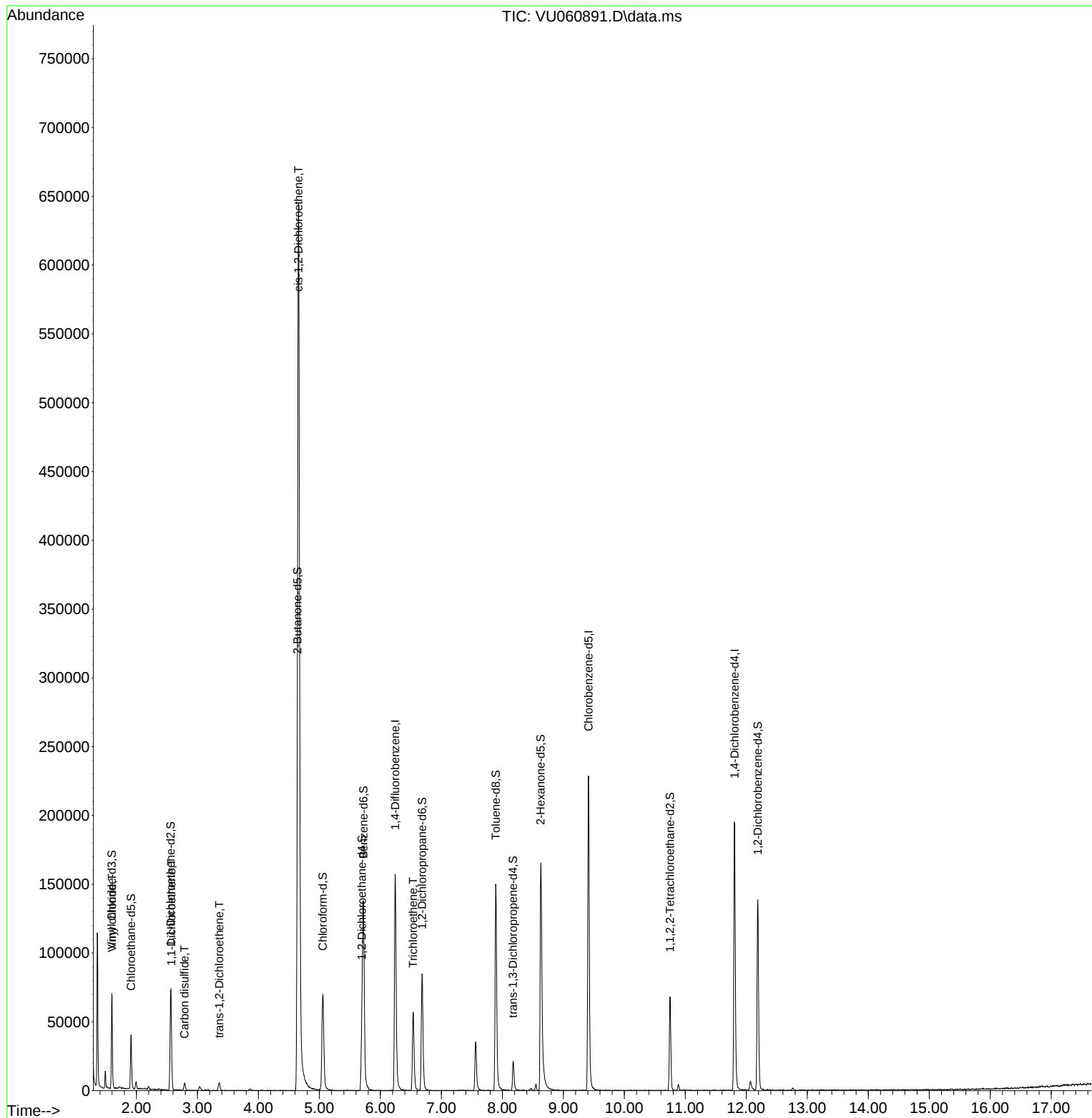
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	134714	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	143928	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	59338	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32944	2.719	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.400%
7) Chloroethane-d5	1.911	69	29262	3.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.800%
11) 1,1-Dichloroethene-d2	2.560	65	13480	3.139	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	4.637	46	86831	44.639	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.280%
24) Chloroform-d	5.055	84	72703	3.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
26) 1,2-Dichloroethane-d4	5.695	65	36797	4.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	5.721	84	134336	3.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.600%#
36) 1,2-Dichloropropane-d6	6.682	67	42500	3.561	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.200%
41) Toluene-d8	7.891	98	108977	3.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.000%#
43) trans-1,3-Dichloroprop...	8.174	79	13945	3.246	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.000%
46) 2-Hexanone-d5	8.628	63	63781	37.634	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.260%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	35953	3.845	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	41781	4.190	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
5) Vinyl chloride	1.599	62	2846	0.245	ug/L	89
12) 1,1-Dichloroethene	2.570	96	1730	0.204	ug/L #	1
14) Carbon disulfide	2.789	76	7365	0.313	ug/L	97
18) trans-1,2-Dichloroethene	3.358	96	2244	0.256	ug/L	89
22) cis-1,2-Dichloroethene	4.657	96	347189	35.726	ug/L	97
34) Trichloroethene	6.538	95	20653	1.991	ug/L	92

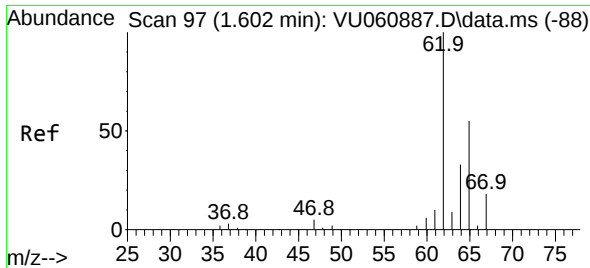
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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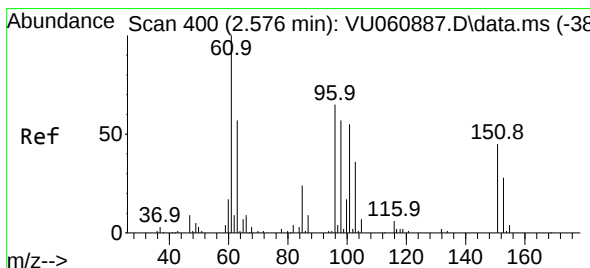
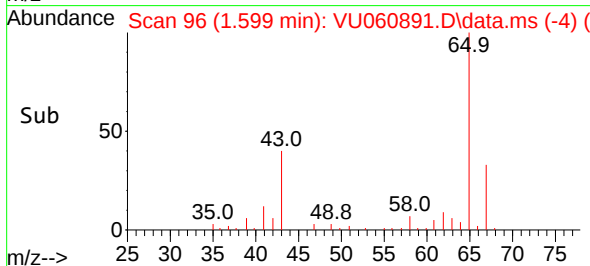
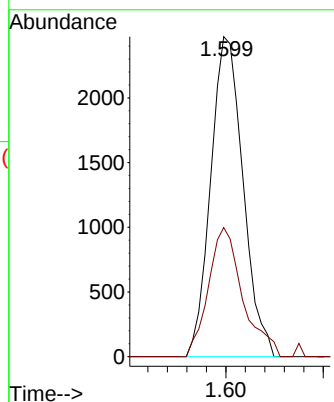
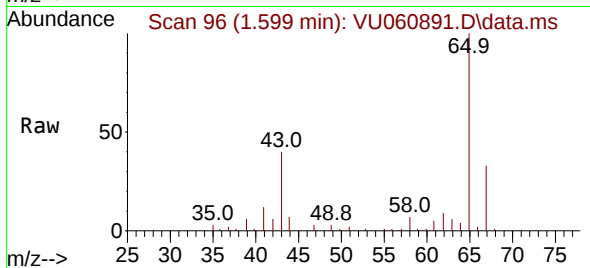




#5
 Vinyl chloride
 Concen: 0.245 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU060891.D
 Acq: 19 Sep 2024 12:22

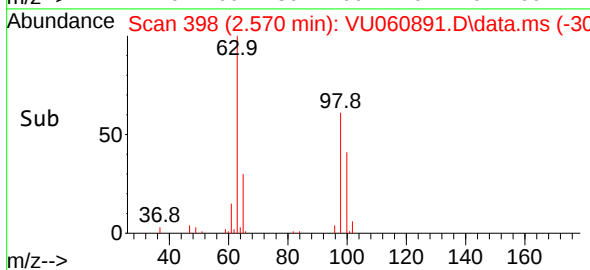
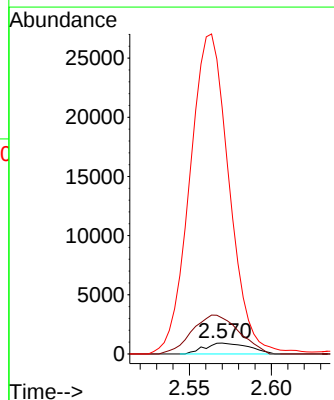
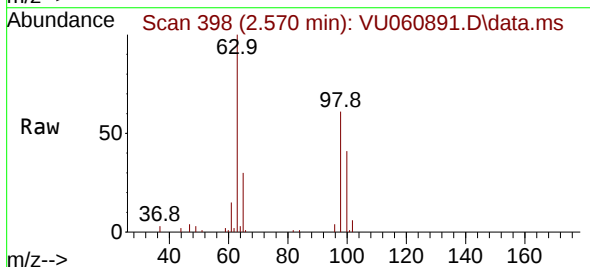
Instrument :
 MSVOA_U
 ClientSampleId :
 C0B63

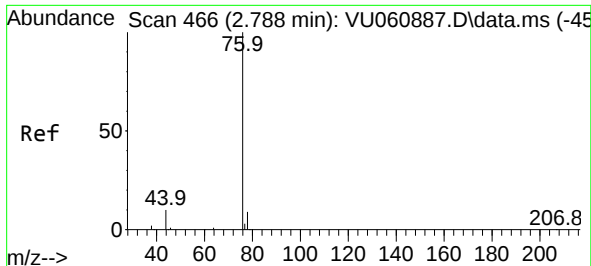
Tgt Ion: 62 Resp: 2846
 Ion Ratio Lower Upper
 62 100
 64 40.4 24.0 44.6



#12
 1,1-Dichloroethene
 Concen: 0.204 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.006 min
 Lab File: VU060891.D
 Acq: 19 Sep 2024 12:22

Tgt Ion: 96 Resp: 1730
 Ion Ratio Lower Upper
 96 100
 61 328.3 120.7 224.1#
 63 2250.5 90.0 167.2#

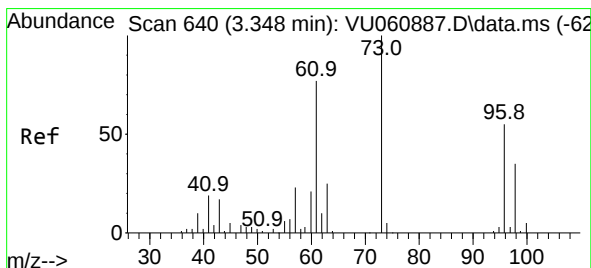
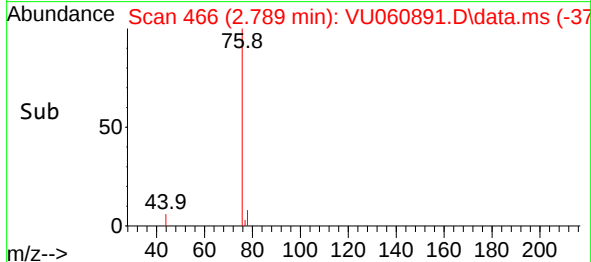
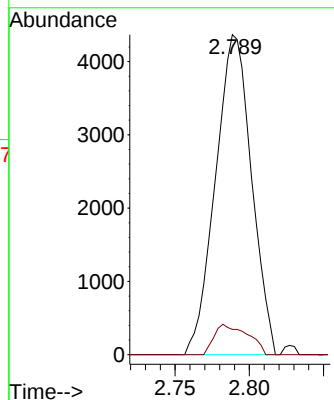
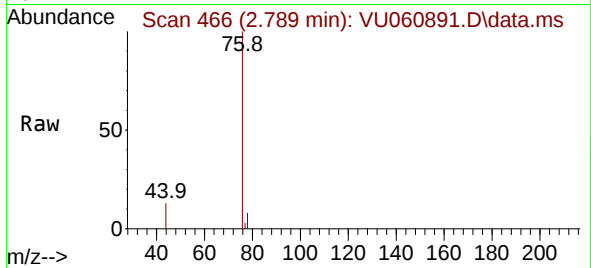




#14
Carbon disulfide
Concen: 0.313 ug/L
RT: 2.789 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU060891.D
Acq: 19 Sep 2024 12:22

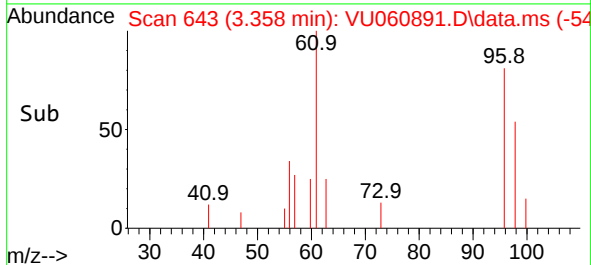
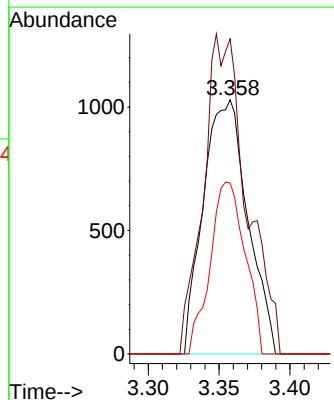
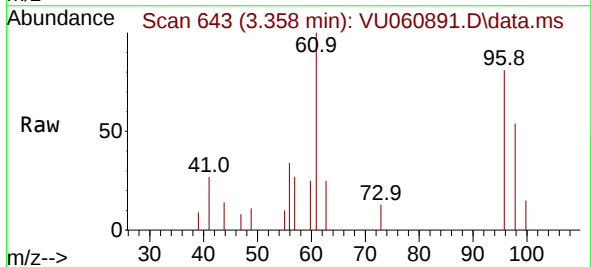
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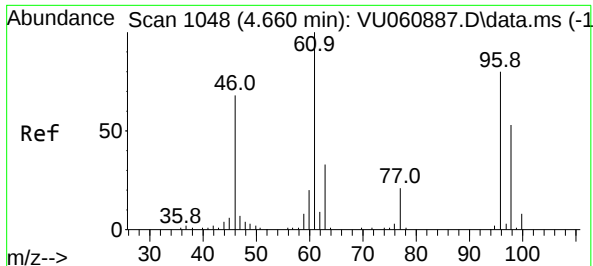
Tgt Ion: 76 Resp: 7365
Ion Ratio Lower Upper
76 100
78 7.9 7.1 10.7



#18
trans-1,2-Dichloroethene
Concen: 0.256 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.010 min
Lab File: VU060891.D
Acq: 19 Sep 2024 12:22

Tgt Ion: 96 Resp: 2244
Ion Ratio Lower Upper
96 100
61 124.0 97.2 180.6
98 67.3 43.3 80.5





#22

cis-1,2-Dichloroethene

Concen: 35.726 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU060891.D

Acq: 19 Sep 2024 12:22

Instrument :

MSVOA_U

ClientSampleId :

C0B63

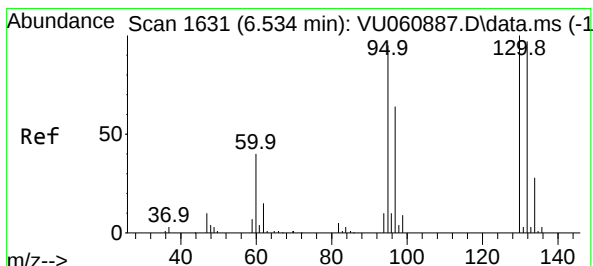
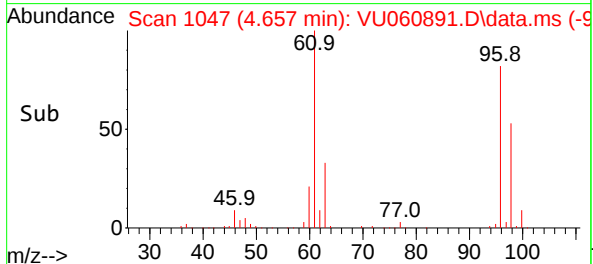
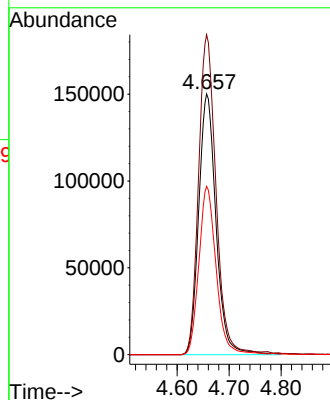
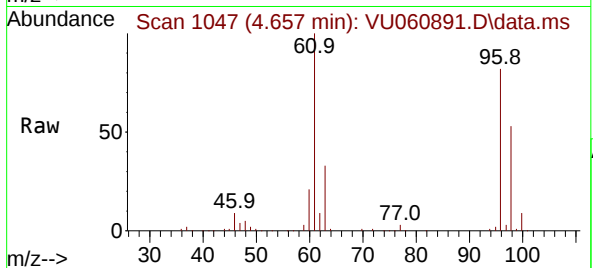
Tgt Ion: 96 Resp: 347189

Ion Ratio Lower Upper

96 100

61 122.7 89.7 166.5

98 64.5 45.1 83.9



#34

Trichloroethene

Concen: 1.991 ug/L

RT: 6.538 min Scan# 1632

Delta R.T. 0.003 min

Lab File: VU060891.D

Acq: 19 Sep 2024 12:22

Tgt Ion: 95 Resp: 20653

Ion Ratio Lower Upper

95 100

97 68.8 44.9 83.5

132 101.6 63.5 117.9

130 106.3 70.2 130.4

