

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055103.D
 Acq On : 05 Sep 2023 18:50
 Operator : MD/SY
 Sample : 04250-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4C3

Quant Time: Sep 06 02:20:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 02:14:32 2023
 Response via : Initial Calibration

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

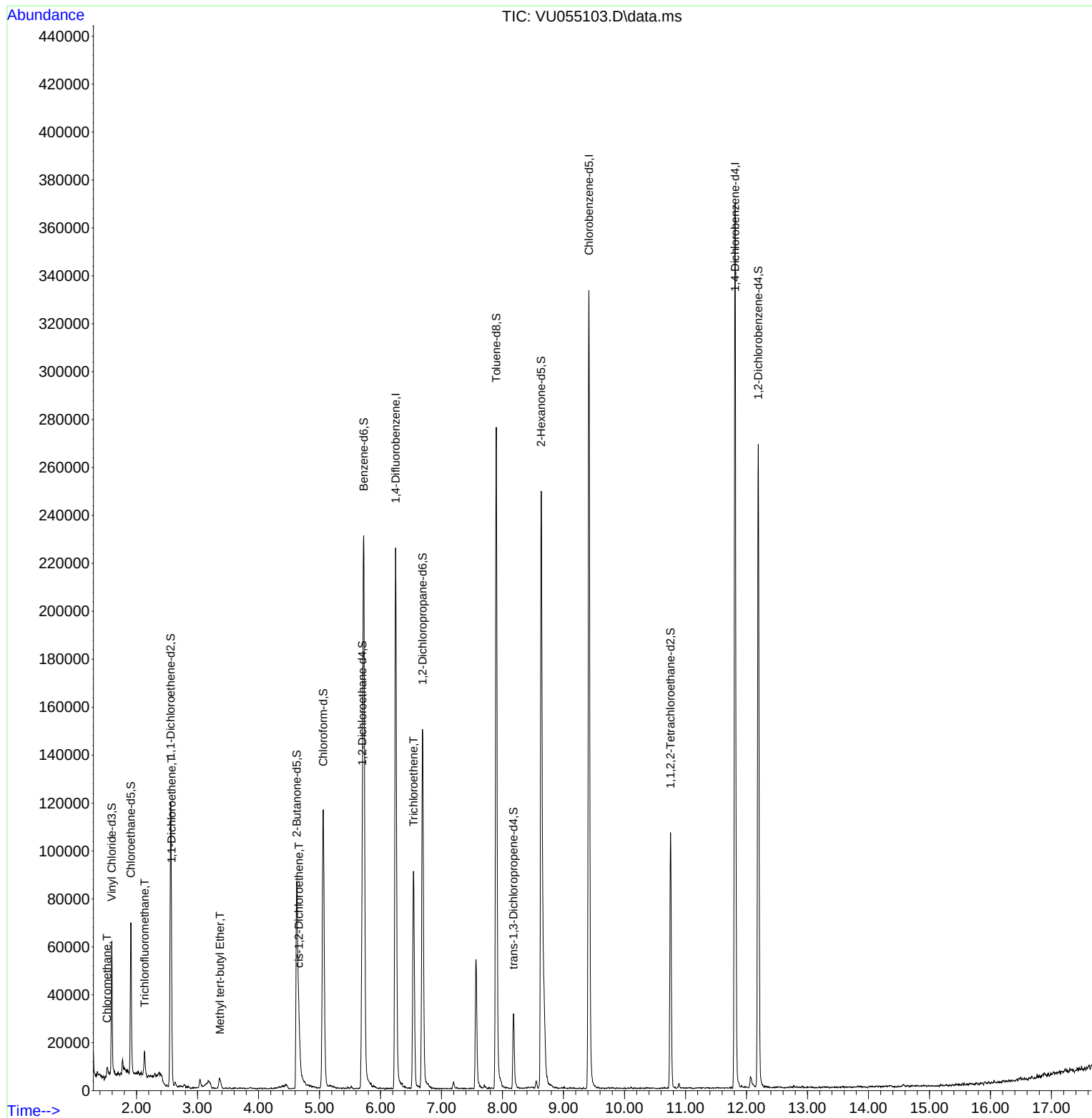
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	177754	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	181615	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	94686	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	37673	4.522	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.907	69	42800	4.438	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.560	65	21862	4.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	4.627	46	134051	55.448	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.900%
24) Chloroform-d	5.058	84	107382	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.701	65	56450	5.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.724	84	210260	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.688	67	71050	4.983	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.897	98	188142	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.180	79	18118	4.614	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.634	63	81278	50.985	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.980%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	53369	5.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	68184	4.933	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
3) Chloromethane	1.518	50	3463	0.329	ug/L	84
9) Trichlorofluoromethane	2.132	101	5655	0.351	ug/L	98
12) 1,1-Dichloroethene	2.573	96	2525	0.307	ug/L #	1
17) Methyl tert-butyl Ether	3.367	73	4679	0.217	ug/L #	86
22) cis-1,2-Dichloroethene	4.663	96	4921	0.482	ug/L	83
34) Trichloroethene	6.541	95	30844	2.871	ug/L	93

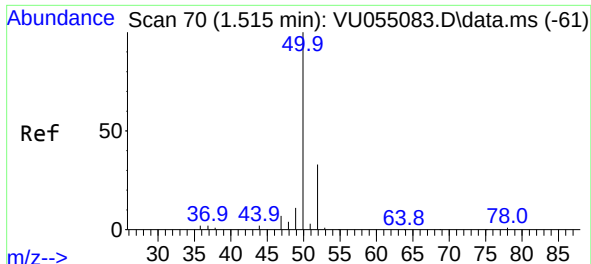
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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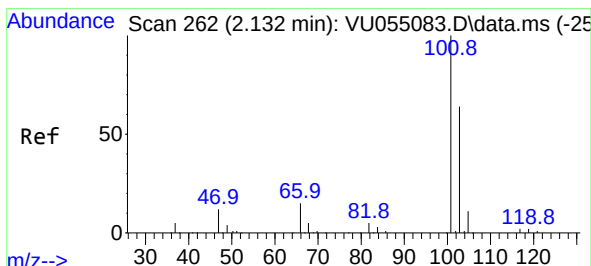
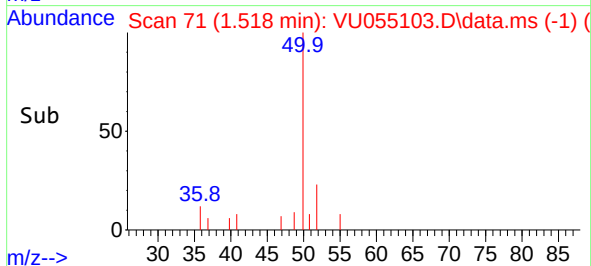
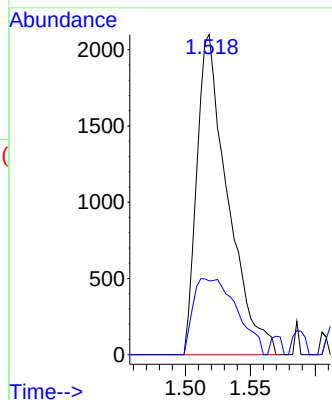
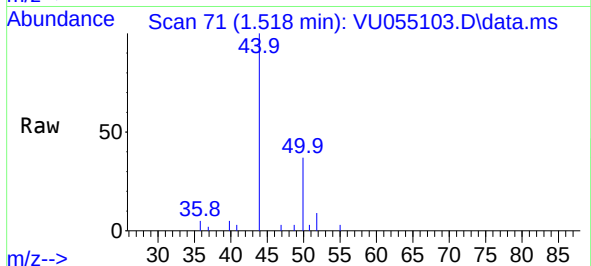




#3
Chloromethane
Concen: 0.329 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU055103.D
Acq: 05 Sep 2023 18:50

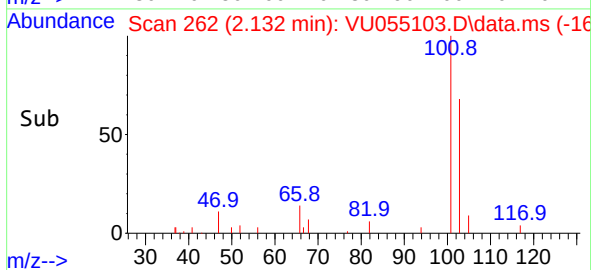
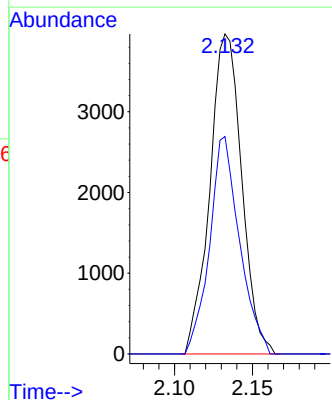
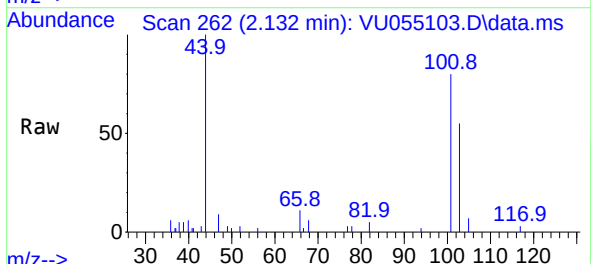
Instrument :
MSVOA_U
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BH4C3

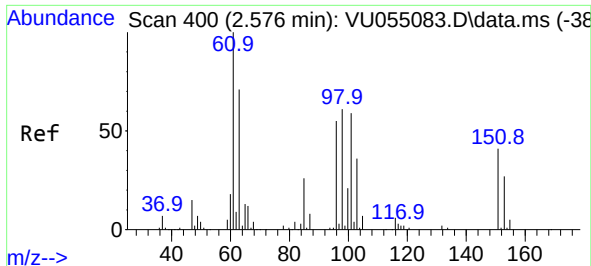
Tgt Ion: 50 Resp: 3463
Ion Ratio Lower Upper
50 100
52 23.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 0.351 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU055103.D
Acq: 05 Sep 2023 18:50

Tgt Ion: 101 Resp: 5655
Ion Ratio Lower Upper
101 100
103 63.7 51.9 77.9

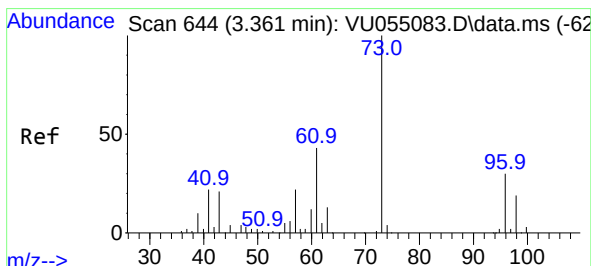
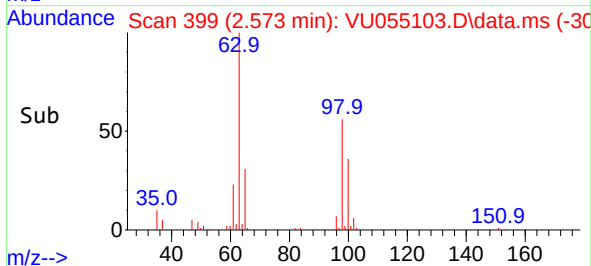
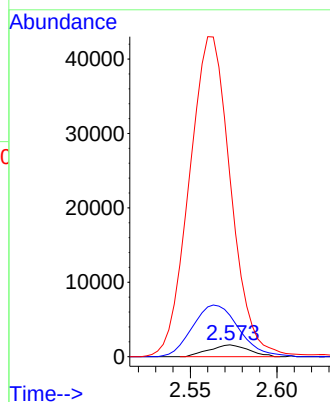
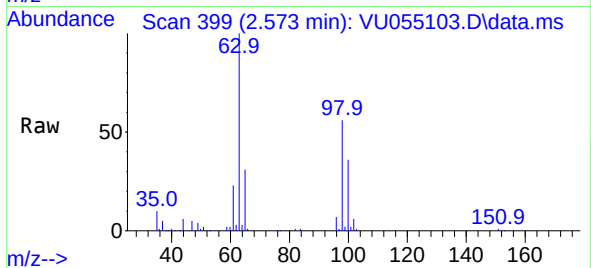




#12
1,1-Dichloroethene
Concen: 0.307 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU055103.D
Acq: 05 Sep 2023 18:50

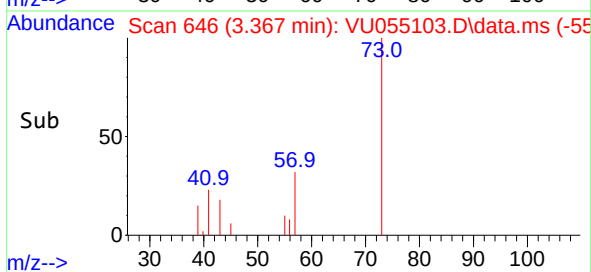
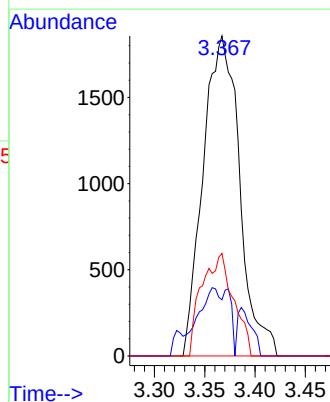
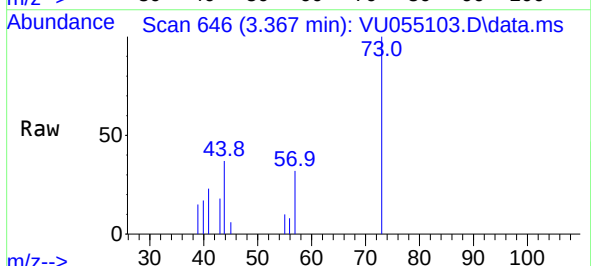
Instrument :
MSVOA_U
ClientSampleId :
BH4C3

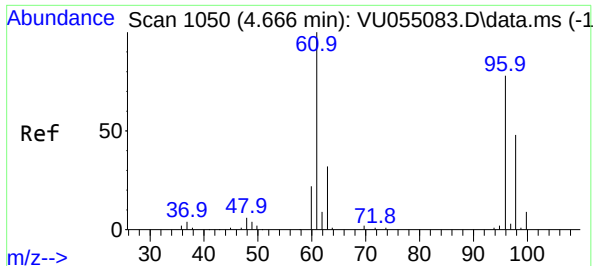
Tgt Ion: 96 Resp: 2525
Ion Ratio Lower Upper
96 100
61 350.3 120.8 224.4#
63 1522.8 94.5 175.5#



#17
Methyl tert-butyl Ether
Concen: 0.217 ug/L
RT: 3.367 min Scan# 646
Delta R.T. 0.006 min
Lab File: VU055103.D
Acq: 05 Sep 2023 18:50

Tgt Ion: 73 Resp: 4679
Ion Ratio Lower Upper
73 100
43 13.6 16.2 24.2#
57 27.9 17.4 26.2#





#22

cis-1,2-Dichloroethene

Concen: 0.482 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU055103.D

Acq: 05 Sep 2023 18:50

Instrument :

MSVOA_U

ClientSampleId :

BH4C3

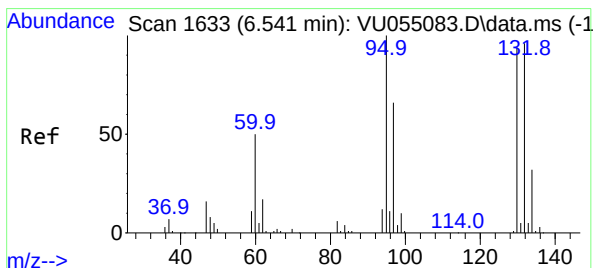
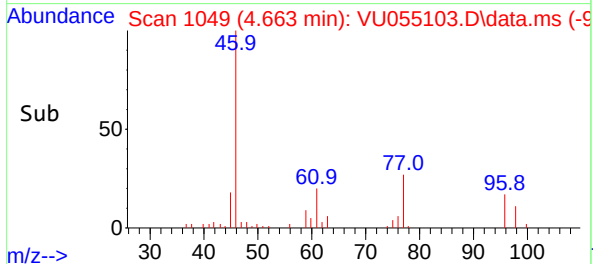
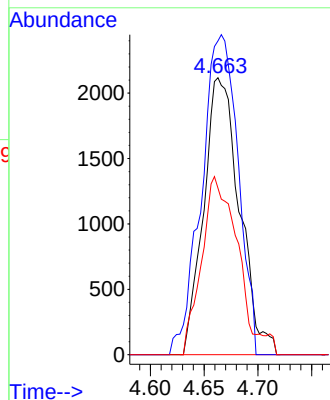
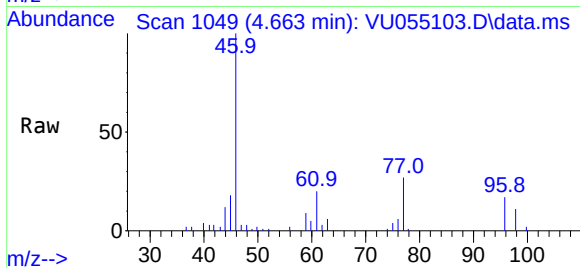
Tgt Ion: 96 Resp: 4921

Ion Ratio Lower Upper

96 100

61 113.3 97.2 180.4

98 60.2 46.1 85.7



#34

Trichloroethene

Concen: 2.871 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.000 min

Lab File: VU055103.D

Acq: 05 Sep 2023 18:50

Tgt Ion: 95 Resp: 30844

Ion Ratio Lower Upper

95 100

97 55.2 44.7 83.1

132 86.5 66.6 123.6

130 92.2 66.5 123.5

