

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050164.D
 Acq On : 09 Aug 2022 03:58
 Operator : SY/MD
 Sample : N4075-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUV7

Quant Time: Aug 09 05:20:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

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

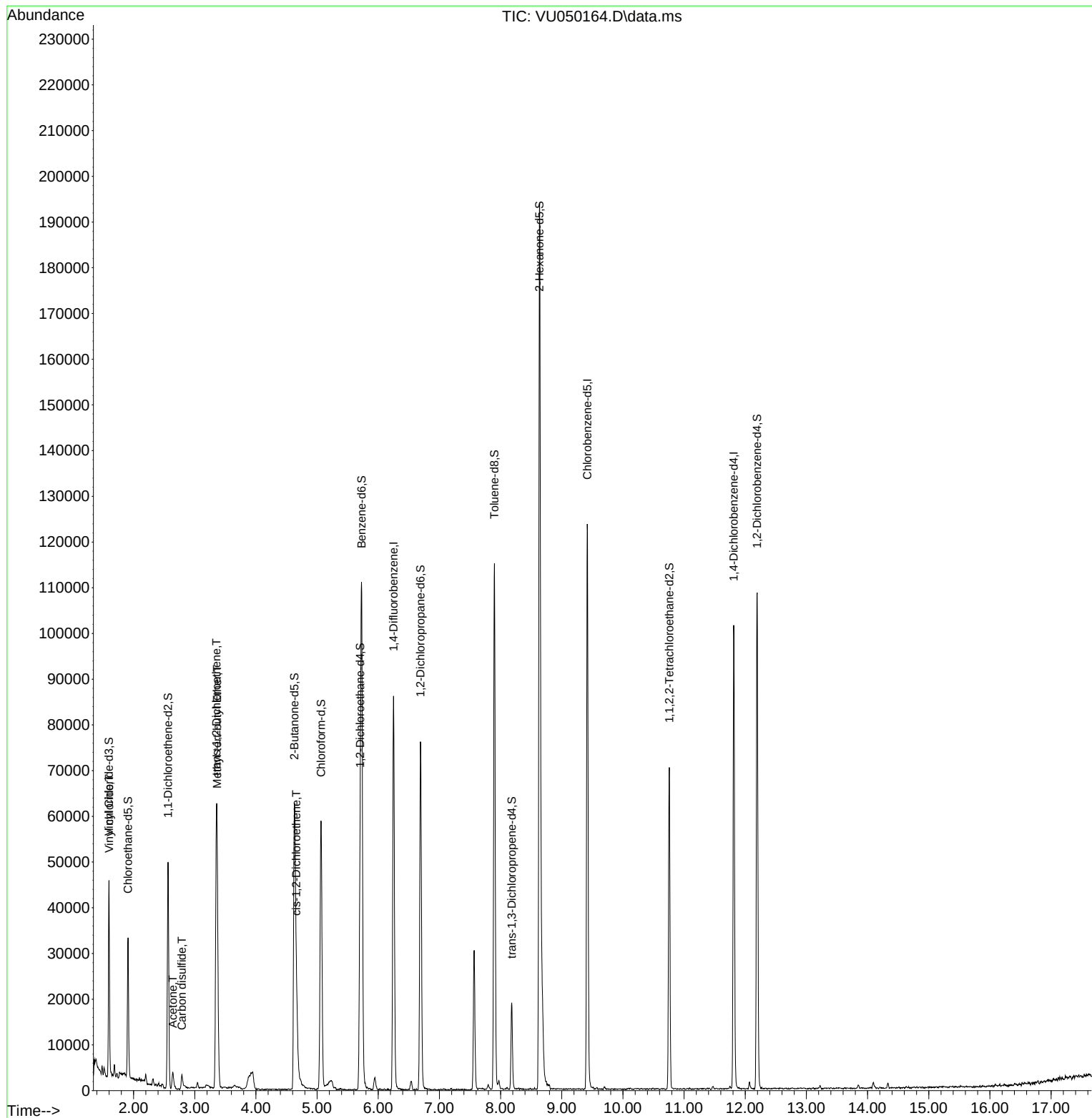
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	72380	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	71859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	28324	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	23518	3.904	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.909	69	21582	4.441	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.562	65	9564	4.063	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	4.629	46	100122	68.162	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.320%#
24) Chloroform-d	5.067	84	57845	5.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.703	65	32105	5.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
32) Benzene-d6	5.729	84	106083	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.690	67	39241	5.314	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.899	98	81129	4.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.182	79	11546	4.363	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.636	63	62184	66.266	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.540%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37604	5.799	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	29681	5.348	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
5) Vinyl chloride	1.600	62	8847	1.138	ug/L	96
13) Acetone	2.642	43	4728	5.780	ug/L	92
14) Carbon disulfide	2.790	76	3588	0.201	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	35477	2.717	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	15816	2.823	ug/L	93
22) cis-1,2-Dichloroethene	4.661	96	4474	0.720	ug/L	97

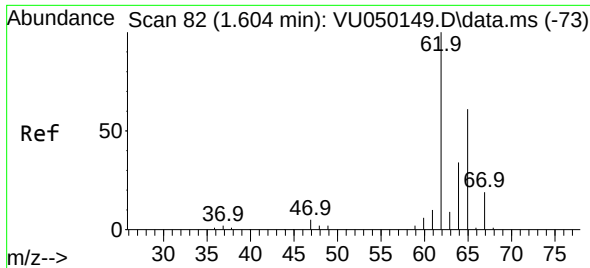
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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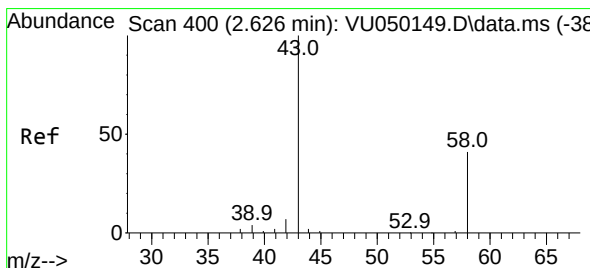
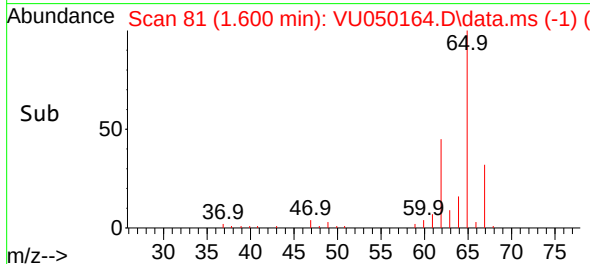
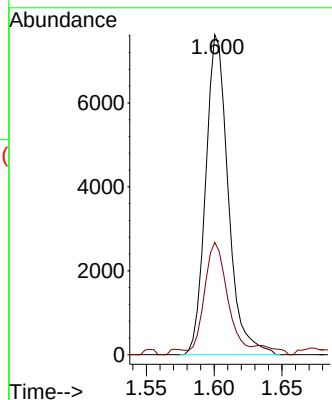
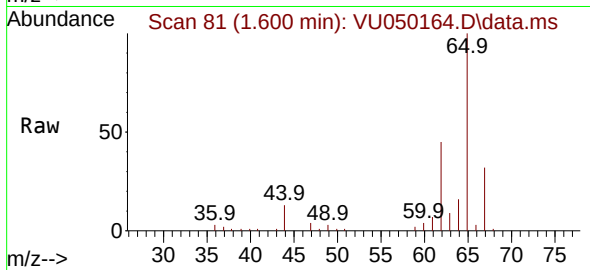




#5
 Vinyl chloride
 Concen: 1.138 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU050164.D
 Acq: 09 Aug 2022 03:58

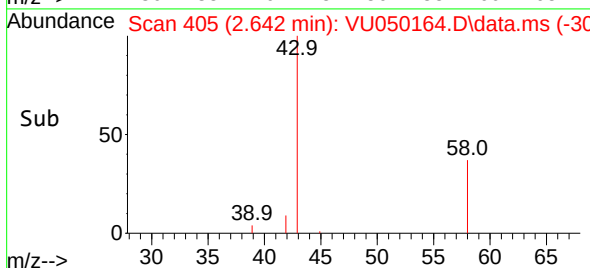
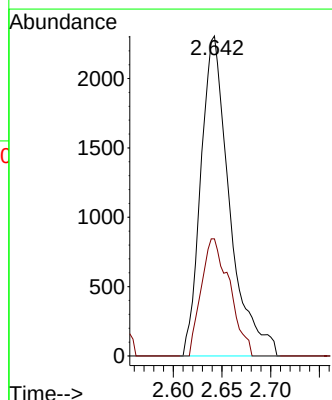
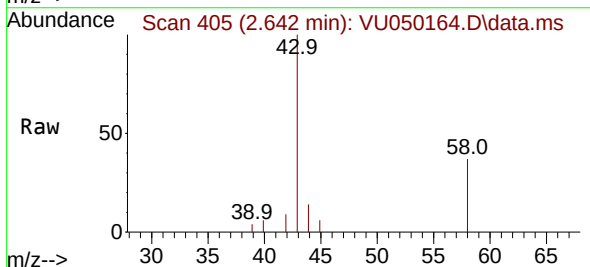
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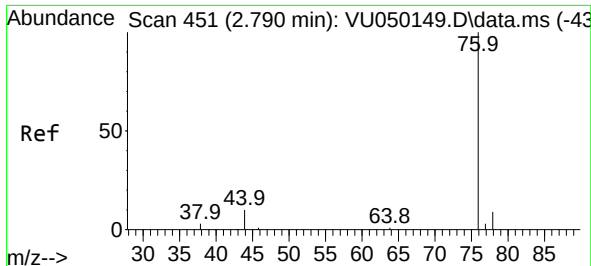
Tgt Ion: 62 Resp: 8847
 Ion Ratio Lower Upper
 62 100
 64 35.1 22.8 42.4



#13
 Acetone
 Concen: 5.780 ug/L
 RT: 2.642 min Scan# 405
 Delta R.T. 0.016 min
 Lab File: VU050164.D
 Acq: 09 Aug 2022 03:58

Tgt Ion: 43 Resp: 4728
 Ion Ratio Lower Upper
 43 100
 58 36.2 0.0 64.0

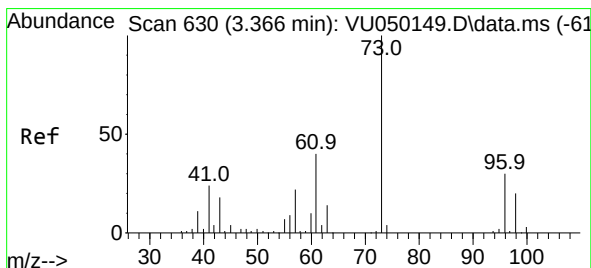
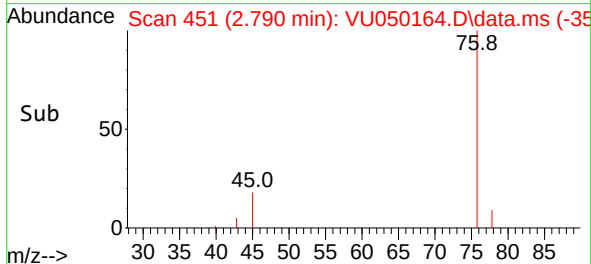
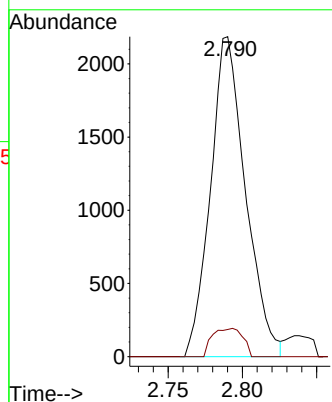
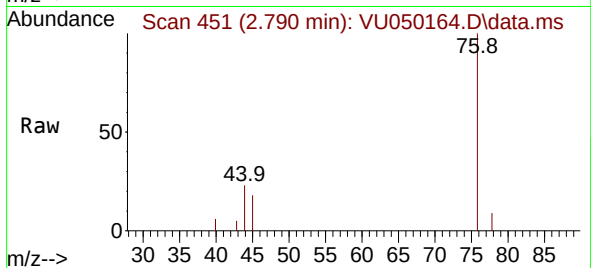




#14
Carbon disulfide
Concen: 0.201 ug/L
RT: 2.790 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU050164.D
Acq: 09 Aug 2022 03:58

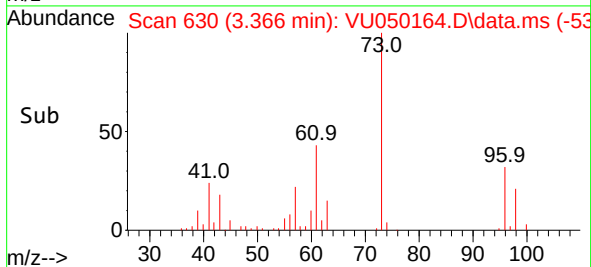
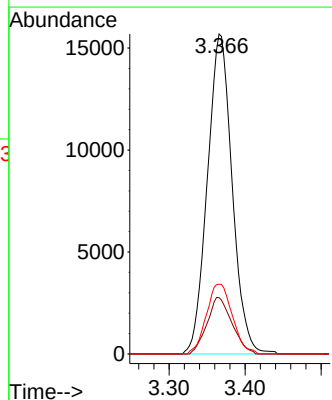
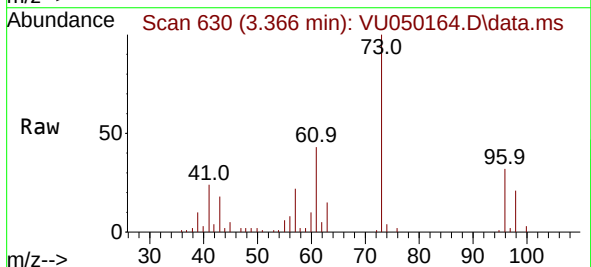
Instrument :
MSVOA_U
ClientSampleId :
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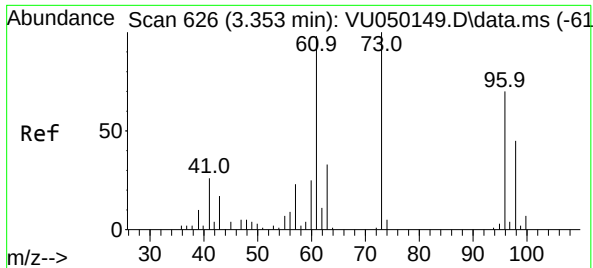
Tgt Ion: 76 Resp: 3588
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#17
Methyl tert-butyl Ether
Concen: 2.717 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU050164.D
Acq: 09 Aug 2022 03:58

Tgt Ion: 73 Resp: 35477
Ion Ratio Lower Upper
73 100
43 17.8 13.5 20.3
57 22.9 17.4 26.2

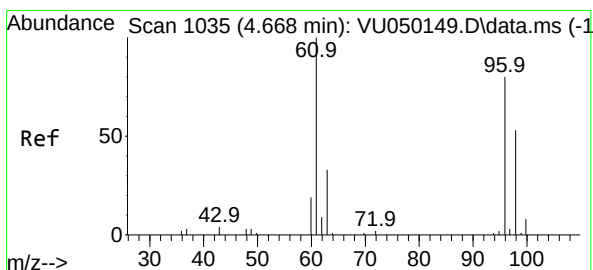
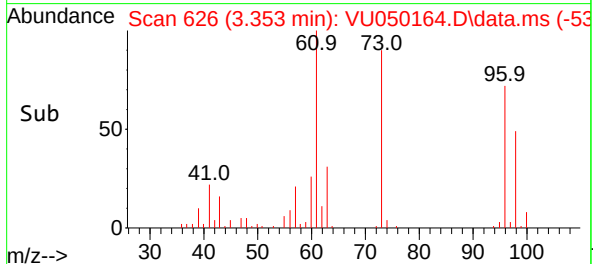
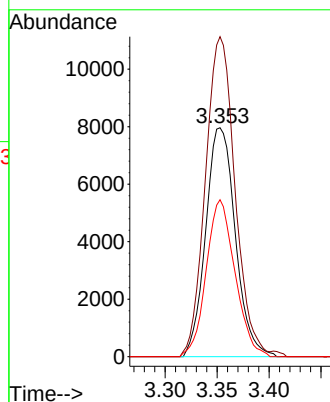
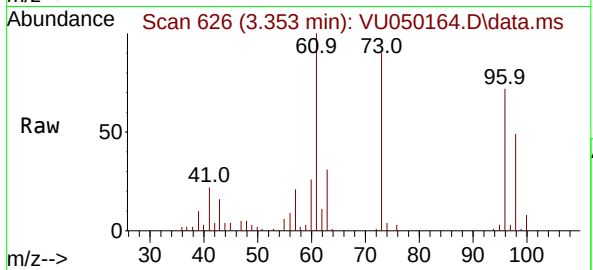




#18
trans-1,2-Dichloroethene
Concen: 2.823 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU050164.D
Acq: 09 Aug 2022 03:58

Instrument :
MSVOA_U
ClientSampleId :
DBUV7

Tgt Ion: 96 Resp: 15816
Ion Ratio Lower Upper
96 100
61 139.7 92.3 171.5
98 68.6 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 0.720 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.007 min
Lab File: VU050164.D
Acq: 09 Aug 2022 03:58

Tgt Ion: 96 Resp: 4474
Ion Ratio Lower Upper
96 100
61 129.7 89.0 165.4
98 61.0 45.2 84.0

