

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
 Data File : VU057340.D
 Acq On : 28 Dec 2023 17:57
 Operator : MD/SY
 Sample : 06021-11DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Z3DL

Quant Time: Dec 28 21:39:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 21:37:03 2023
 Response via : Initial Calibration

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

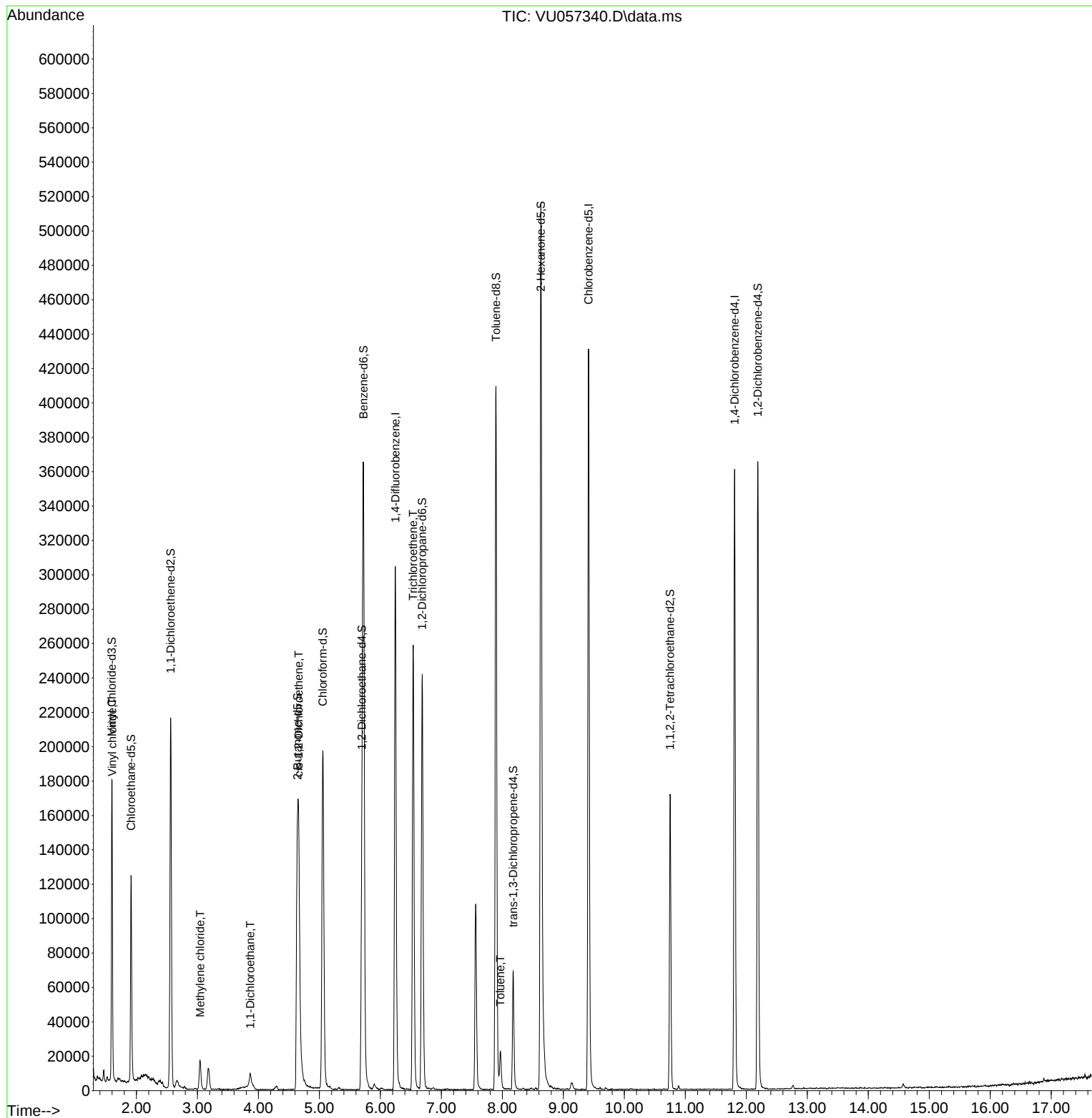
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	241735	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	240605	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	95047	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	99957	4.810	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.911	69	91437	5.478	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.600%
11) 1,1-Dichloroethene-d2	2.560	65	41817	5.056	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.200%
20) 2-Butanone-d5	4.637	46	229477	48.754	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.500%
24) Chloroform-d	5.055	84	191679	5.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.695	65	96025	5.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.721	84	353943	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.685	67	117098	5.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.000%
41) Toluene-d8	7.894	98	280261	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	8.177	79	41668	4.832	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.631	63	168620	43.172	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.340%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	88758	4.917	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	95567	5.522	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	31480	1.560	ug/L	100
16) Methylene chloride	3.046	84	8733	0.428	ug/L	99
19) 1,1-Dichloroethane	3.866	63	8571	0.260	ug/L	88
22) cis-1,2-Dichloroethene	4.660	96	43872	2.421	ug/L	96
34) Trichloroethene	6.538	95	94393	5.110	ug/L	97
42) Toluene	7.965	91	15847	0.212	ug/L	94

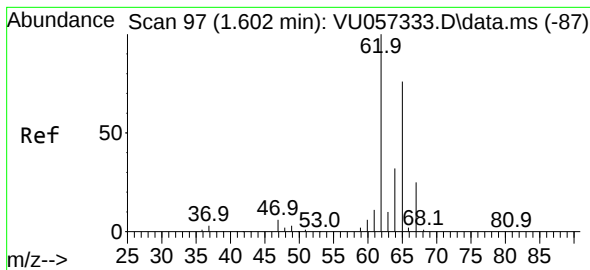
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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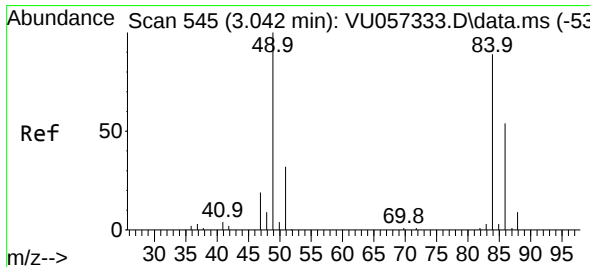
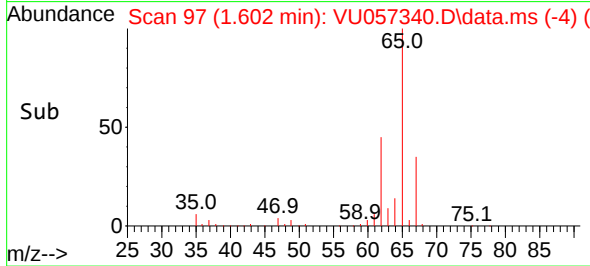
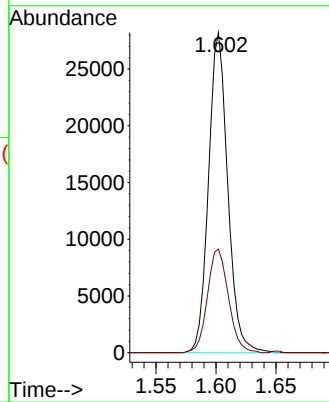
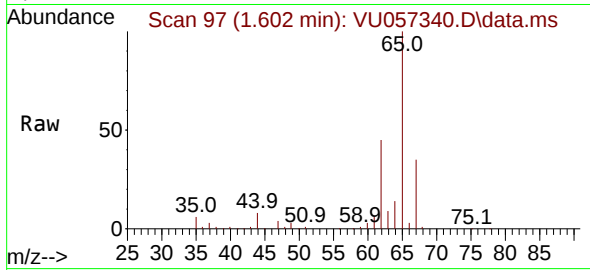




#5
 Vinyl chloride
 Concen: 1.560 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU057340.D
 Acq: 28 Dec 2023 17:57

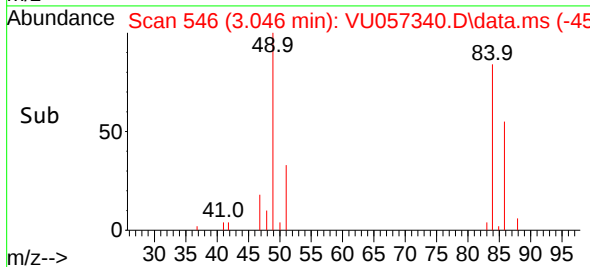
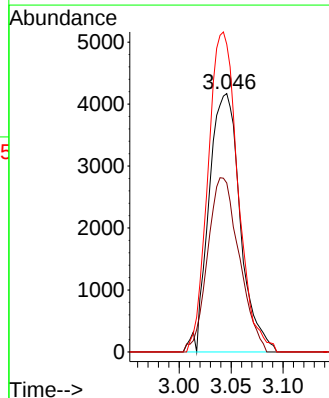
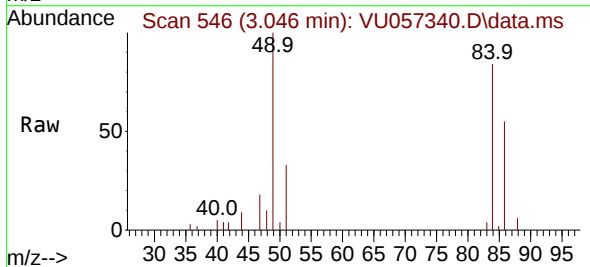
Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Z3DL

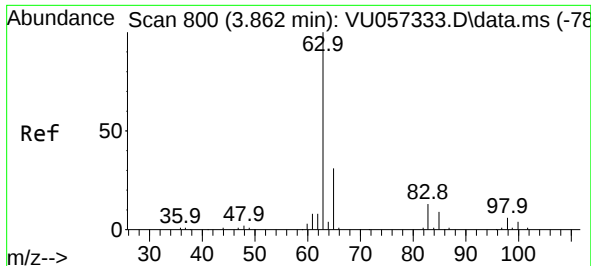
Tgt Ion: 62 Resp: 31480
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.8 42.4



#16
 Methylene chloride
 Concen: 0.428 ug/L
 RT: 3.046 min Scan# 546
 Delta R.T. 0.003 min
 Lab File: VU057340.D
 Acq: 28 Dec 2023 17:57

Tgt Ion: 84 Resp: 8733
 Ion Ratio Lower Upper
 84 100
 86 65.4 43.8 81.3
 49 119.1 83.2 154.4





#19

1,1-Dichloroethane

Concen: 0.260 ug/L

RT: 3.866 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU057340.D

Acq: 28 Dec 2023 17:57

Instrument :

MSVOA_U

ClientSampleId :

BH7Z3DL

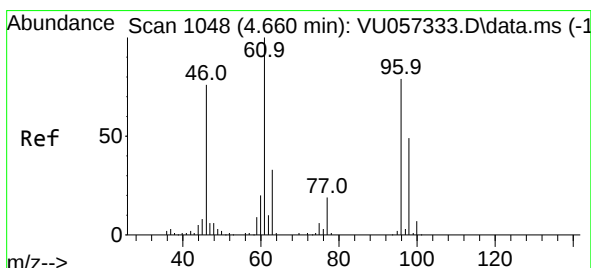
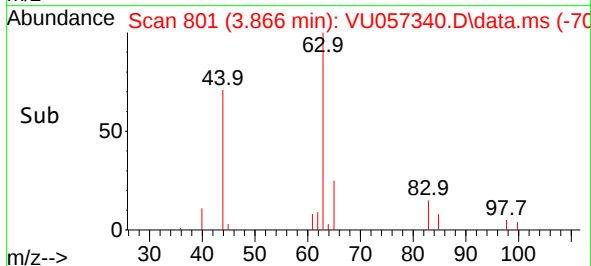
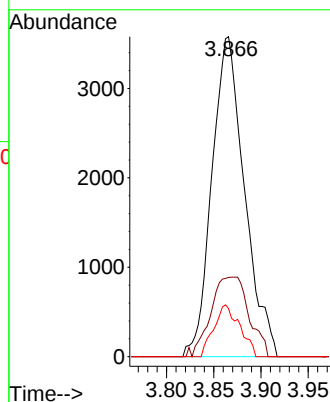
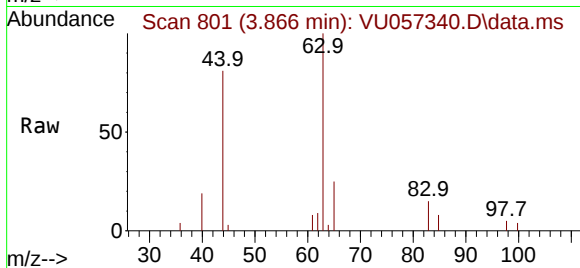
Tgt Ion: 63 Resp: 8571

Ion Ratio Lower Upper

63 100

65 24.8 23.6 43.8

83 15.1 9.8 18.2



#22

cis-1,2-Dichloroethene

Concen: 2.421 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU057340.D

Acq: 28 Dec 2023 17:57

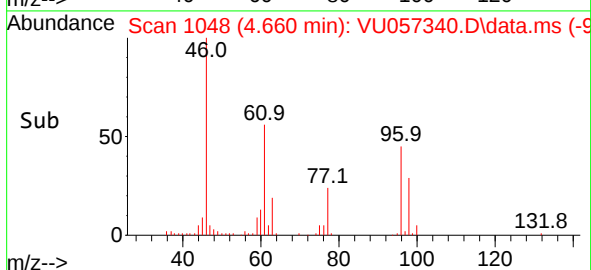
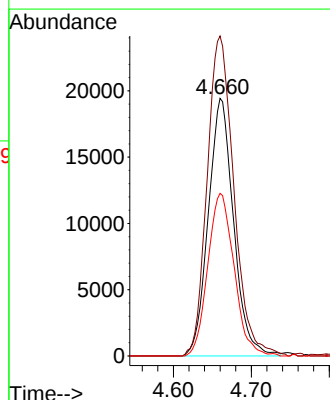
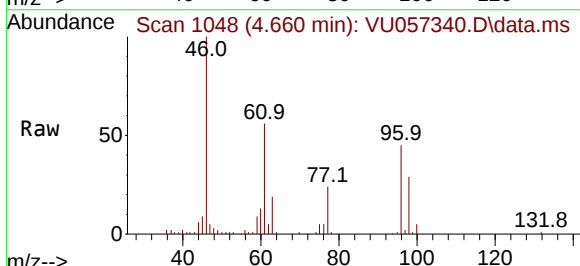
Tgt Ion: 96 Resp: 43872

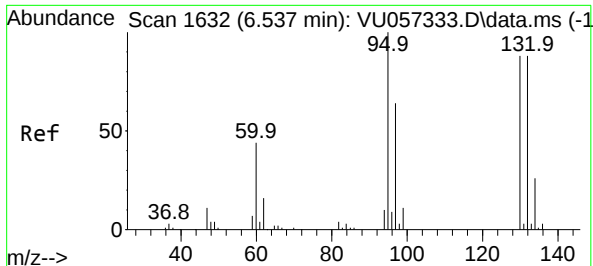
Ion Ratio Lower Upper

96 100

61 124.2 91.1 169.3

98 63.1 42.6 79.0

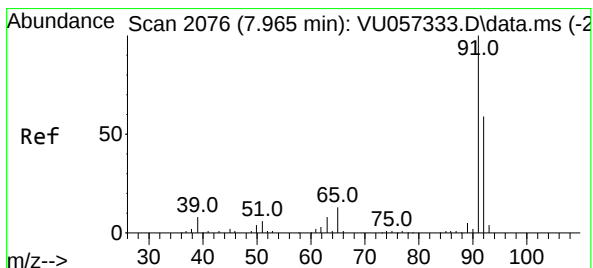
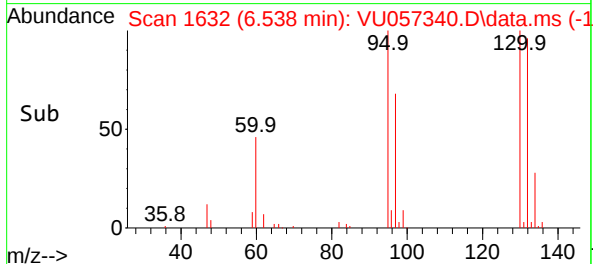
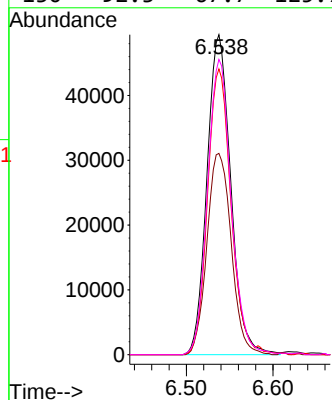
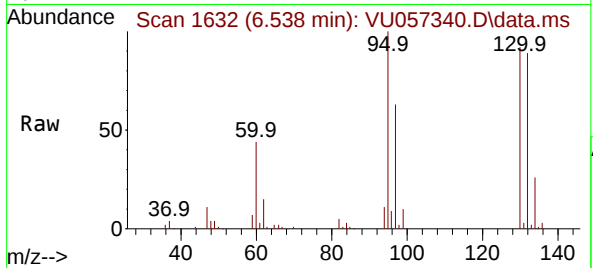




#34
Trichloroethene
Concen: 5.110 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU057340.D
Acq: 28 Dec 2023 17:57

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 95 Resp: 94393
Ion Ratio Lower Upper
95 100
97 62.9 45.3 84.1
132 89.3 63.1 117.3
130 92.3 67.7 125.7



#42
Toluene
Concen: 0.212 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU057340.D
Acq: 28 Dec 2023 17:57

Tgt Ion: 91 Resp: 15847
Ion Ratio Lower Upper
91 100
92 54.8 41.6 77.2

