

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
 Data File : VU054538.D
 Acq On : 15 Jun 2023 21:06
 Operator : MD/SY
 Sample : 03253-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYW6

Quant Time: Jun 16 02:42:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

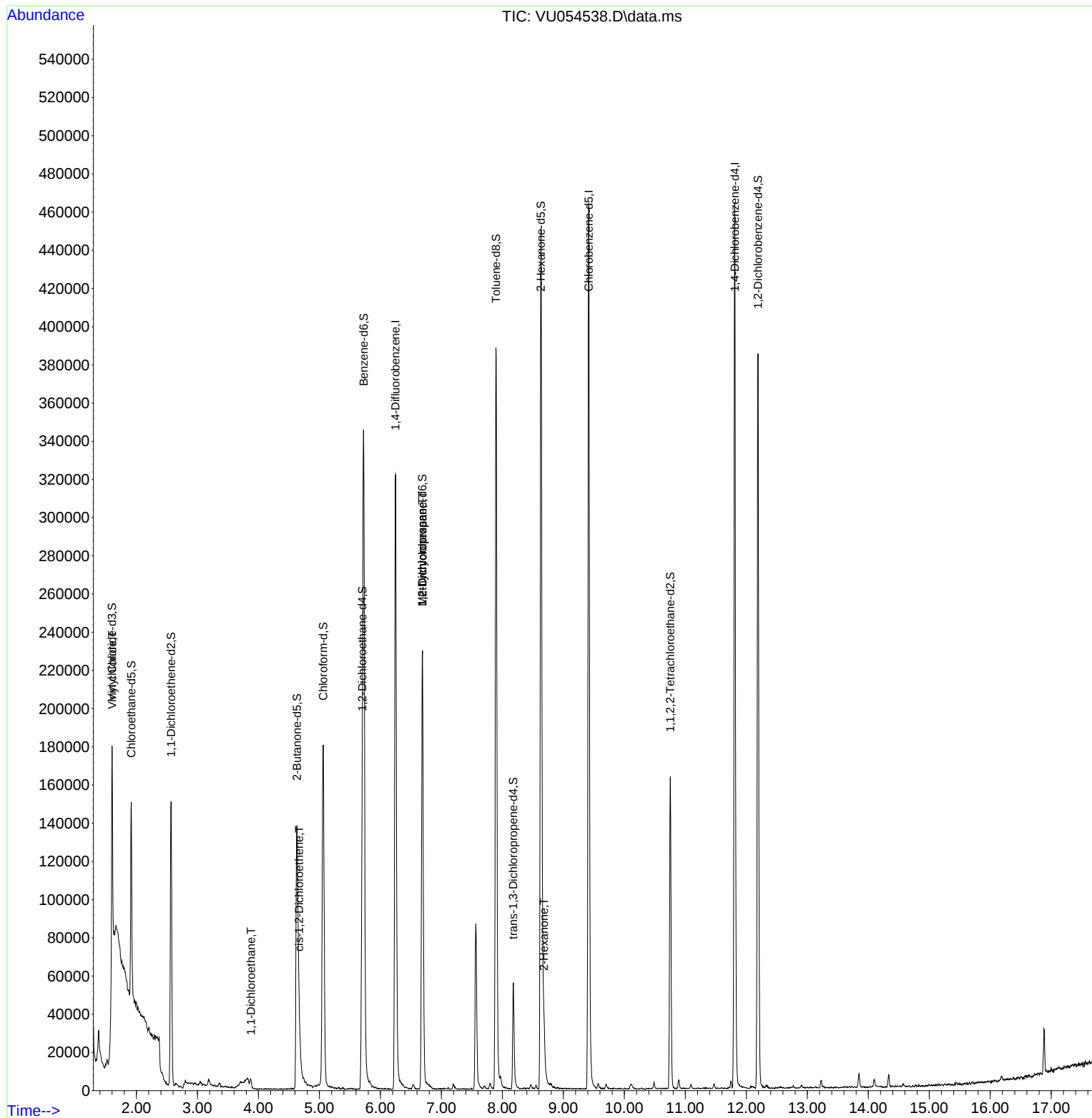
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	268271	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	263541	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	127479	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	62392	3.654	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.914	69	78491	4.910	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.567	65	28676	3.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	4.631	46	235448	49.049	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.100%
24) Chloroform-d	5.062	84	173155	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.702	65	85473	4.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.724	84	328740	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.689	67	115765	4.732	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.894	98	270551	4.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.177	79	32949	3.873	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.631	63	157956	44.253	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.500%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86633	4.748	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	107939	5.020	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	22330	0.755	ug/L #	1
19) 1,1-Dichloroethane	3.875	63	6386	0.154	ug/L	88
22) cis-1,2-Dichloroethene	4.666	96	5115	0.224	ug/L	97
35) Methylcyclohexane	6.689	83	25617	0.677	ug/L #	16
37) 1,2-Dichloropropane	6.689	63	11928	0.466	ug/L #	89
48) 2-Hexanone	8.682	43	13726	1.348	ug/L #	96

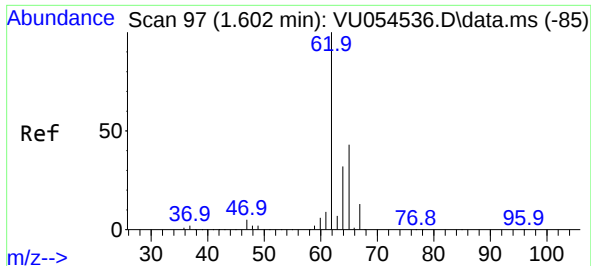
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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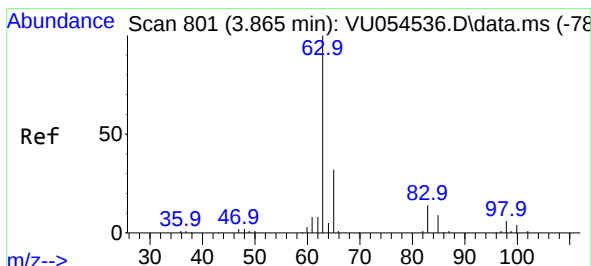
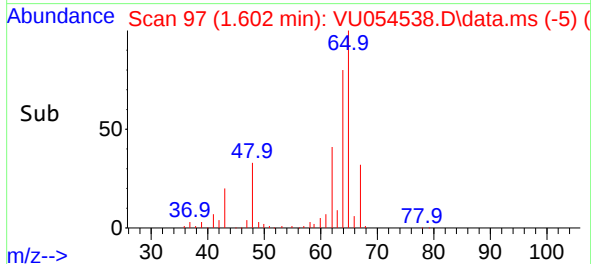
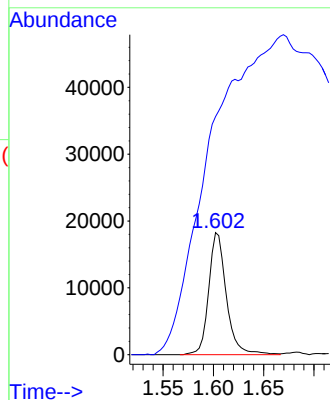
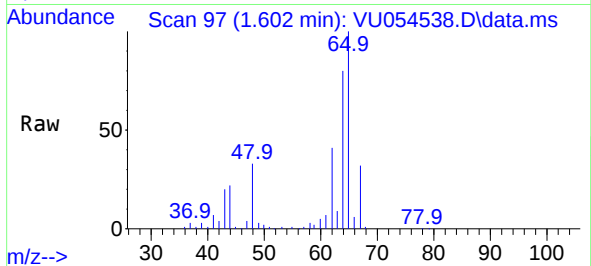




#5
 Vinyl chloride
 Concen: 0.755 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU054538.D
 Acq: 15 Jun 2023 21:06

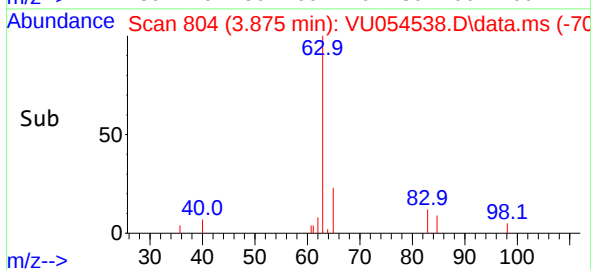
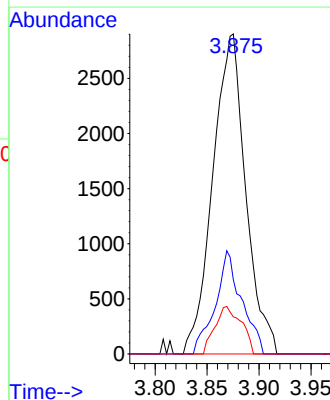
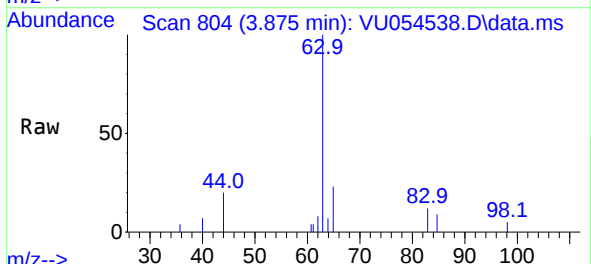
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYW6

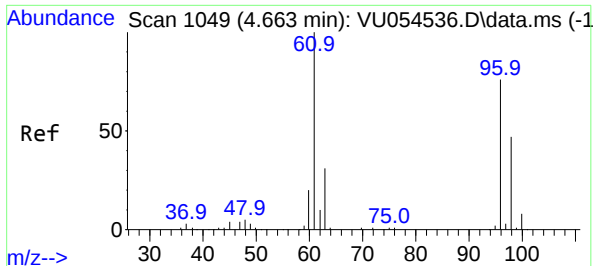
Tgt Ion: 62 Resp: 22330
 Ion Ratio Lower Upper
 62 100
 64 195.0 23.0 42.6#



#19
 1,1-Dichloroethane
 Concen: 0.154 ug/L
 RT: 3.875 min Scan# 804
 Delta R.T. 0.010 min
 Lab File: VU054538.D
 Acq: 15 Jun 2023 21:06

Tgt Ion: 63 Resp: 6386
 Ion Ratio Lower Upper
 63 100
 65 23.2 22.2 41.2
 83 11.6 9.0 16.6



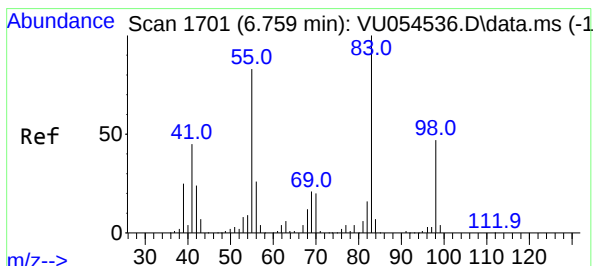
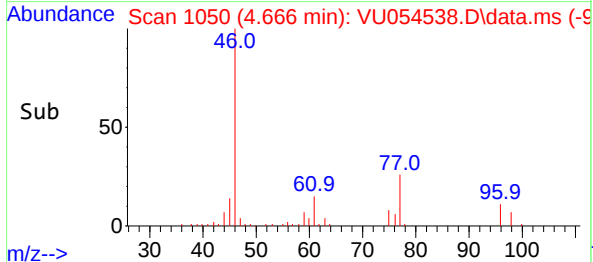
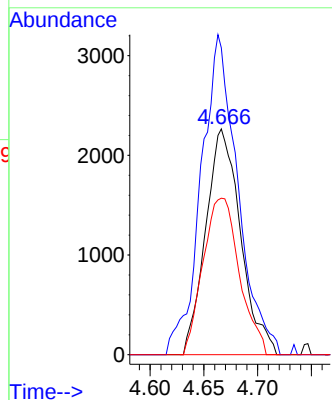
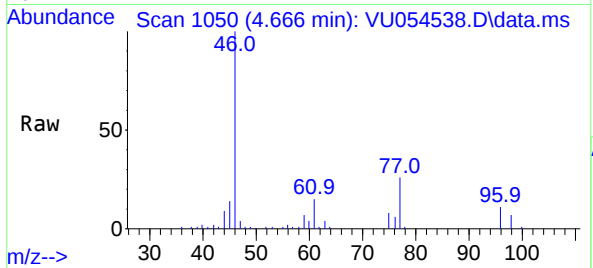


#22
 cis-1,2-Dichloroethene
 Concen: 0.224 ug/L
 RT: 4.666 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU054538.D
 Acq: 15 Jun 2023 21:06

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYW6

Tgt Ion: 96 Resp: 5115

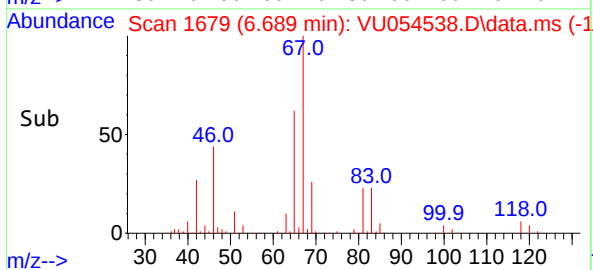
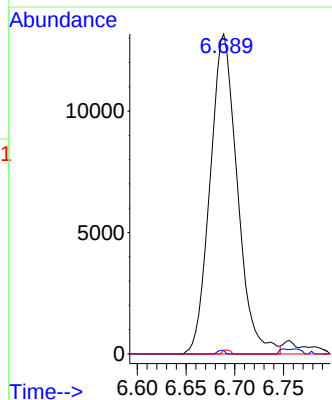
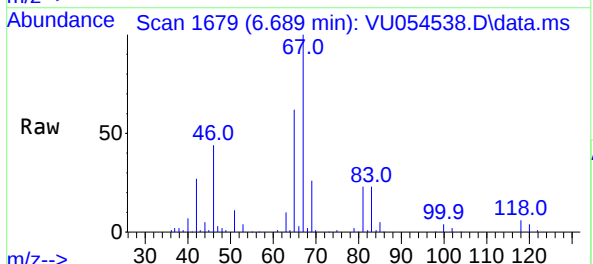
Ion	Ratio	Lower	Upper
96	100		
61	135.9	96.5	179.1
98	69.3	44.9	83.3

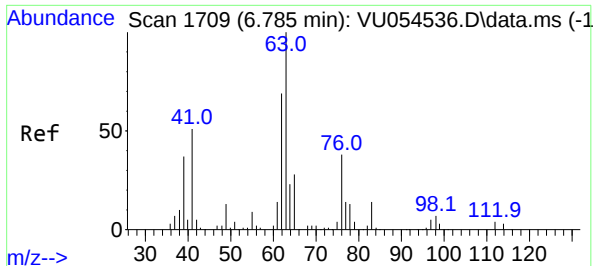


#35
 Methylcyclohexane
 Concen: 0.677 ug/L
 RT: 6.689 min Scan# 1679
 Delta R.T. -0.071 min
 Lab File: VU054538.D
 Acq: 15 Jun 2023 21:06

Tgt Ion: 83 Resp: 25617

Ion	Ratio	Lower	Upper
83	100		
55	0.3	67.1	100.7#
98	0.3	35.1	52.7#

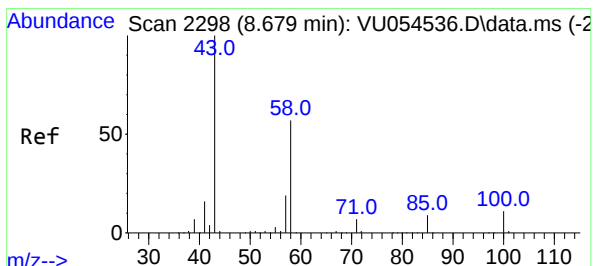
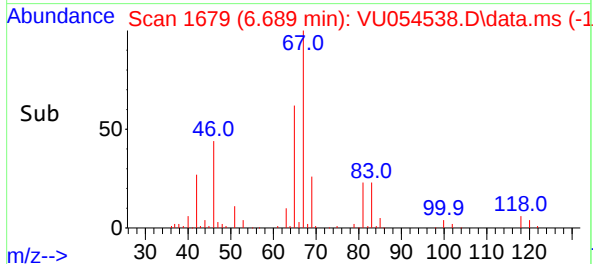
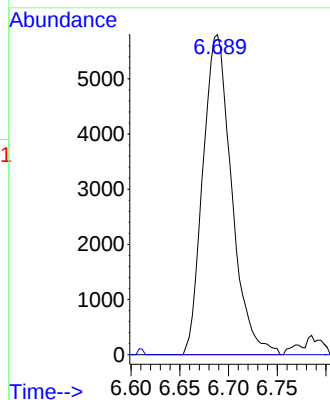
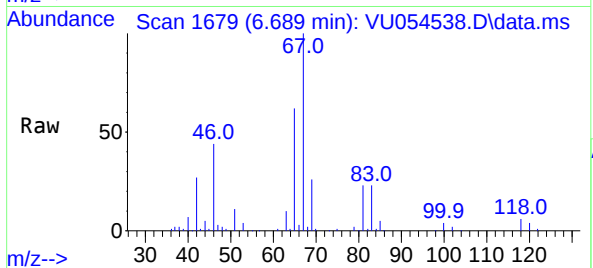




#37
1,2-Dichloropropane
Concen: 0.466 ug/L
RT: 6.689 min Scan# 11928
Delta R.T. -0.100 min
Lab File: VU054538.D
Acq: 15 Jun 2023 21:06

Instrument :
MSVOA_U
ClientSampleId :
EXYW6

Tgt Ion: 63 Resp: 11928
Ion Ratio Lower Upper
63 100
112 0.3 3.0 4.6#



#48
2-Hexanone
Concen: 1.348 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU054538.D
Acq: 15 Jun 2023 21:06

Tgt Ion: 43 Resp: 13726
Ion Ratio Lower Upper
43 100
58 54.1 45.2 67.8
57 20.9 15.8 23.6
100 6.7 8.7 13.1#

