

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043954.D
 Acq On : 25 May 2021 11:24
 Operator : SY/MD
 Sample : M2494-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB422

Manual Integrations
 APPROVED

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 5/26/2021 12:28:22 PM

Quant Time: May 25 14:29:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 07:46:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	219576	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	229742	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	100443	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	59640	4.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.60%			
7) Chloroethane-d5	1.922	69	45000	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.00%			
11) 1,1-Dichloroethene-d2	2.575	65	28837	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.00%			
20) 2-Butanone-d5	4.645	46	180853m	46.67	ug/L	-0.05
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.34%			
24) Chloroform-d	5.073	84	136371	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
26) 1,2-Dichloroethane-d4	5.713	65	71479	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
32) Benzene-d6	5.739	84	271980	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
36) 1,2-Dichloropropane-d6	6.700	67	89186	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.00%			
41) Toluene-d8	7.906	98	230447	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
43) trans-1,3-Dichloroprop...	8.185	79	31481	4.44	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.80%			
46) 2-Hexanone-d5	8.648	63	147579	47.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.04%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	81006	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.80%			
66) 1,2-Dichlorobenzene-d4	12.201	152	97887	5.36	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.20%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.591	96	103087	7.27	ug/L	93
19) 1,1-Dichloroethane	3.883	63	29325	1.16	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	92661	3.89	ug/L	98
34) Trichloroethene	6.549	95	4136	0.26	ug/L	95
47) Tetrachloroethene	8.562	164	103001	7.39	ug/L	97

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

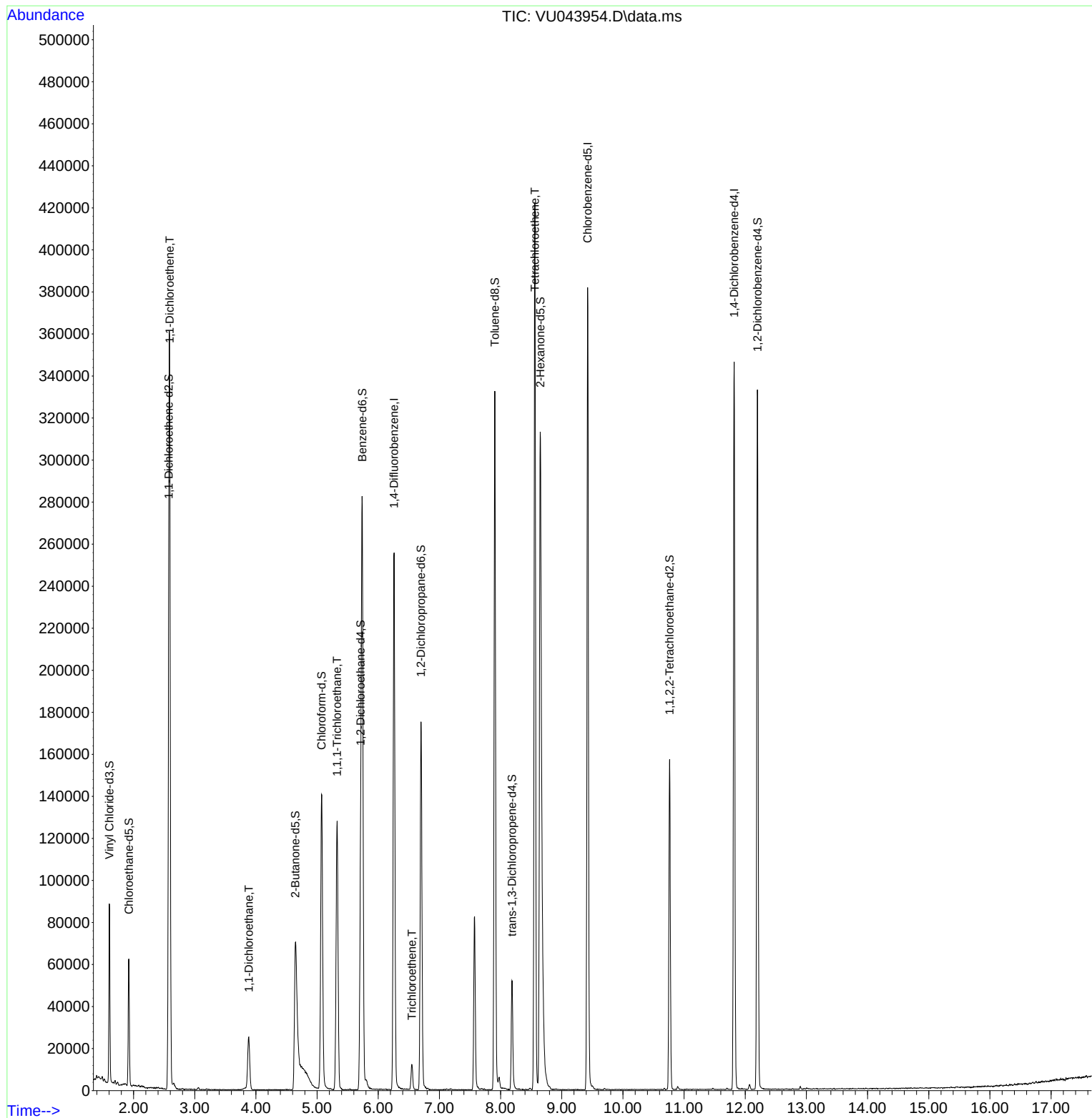
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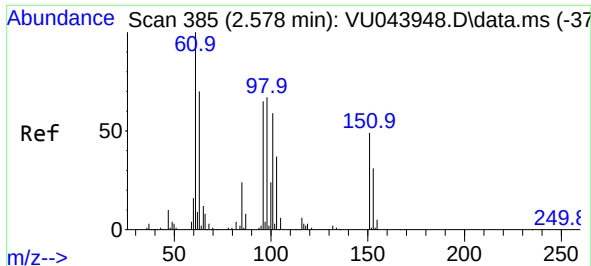
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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





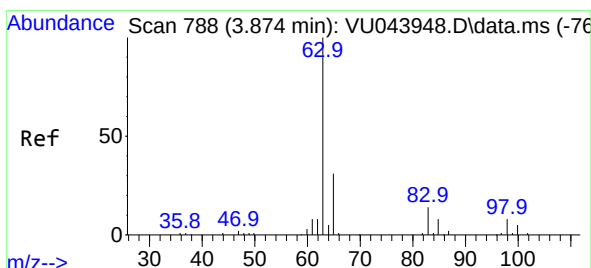
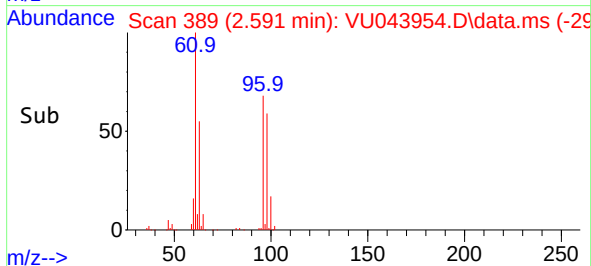
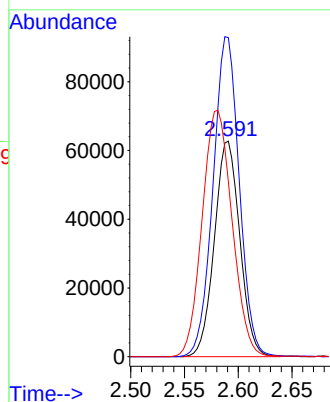
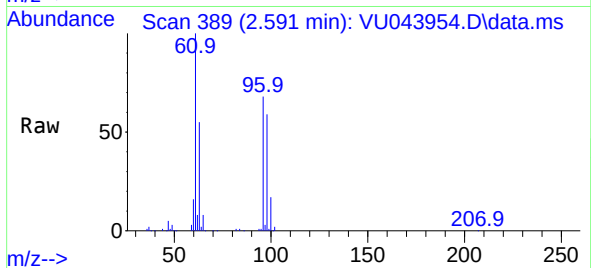
#12
1,1-Dichloroethene
Concen: 7.27 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.013 min
Lab File: VU043954.D
Acq: 25 May 2021 11:24

Tgt Ion: 96 Resp: 103087
Ion Ratio Lower Upper
96 100
61 148.1 105.1 195.3
63 81.3 66.6 123.6

Instrument :
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ClientSampled :
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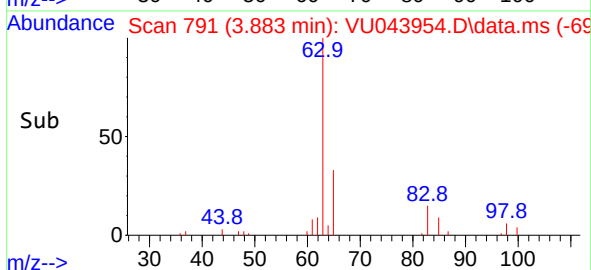
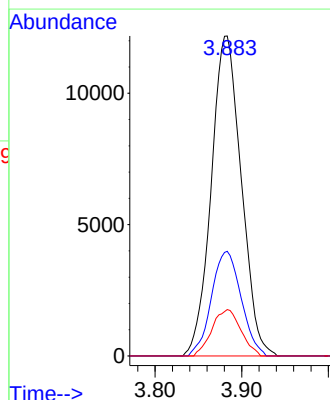
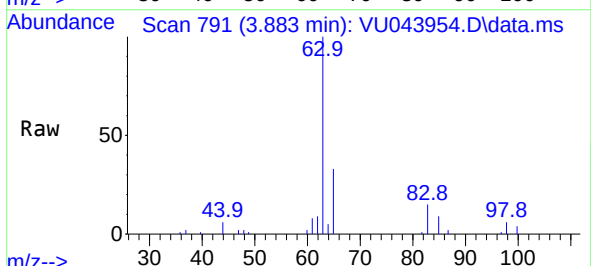
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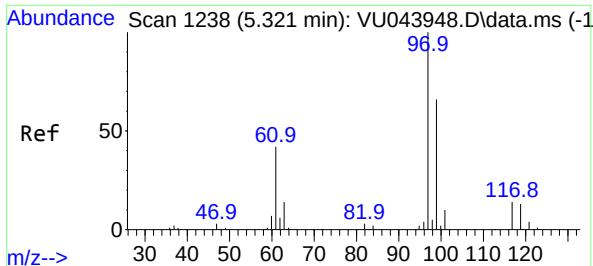
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#19
1,1-Dichloroethane
Concen: 1.16 ug/L
RT: 3.883 min Scan# 791
Delta R.T. 0.010 min
Lab File: VU043954.D
Acq: 25 May 2021 11:24

Tgt Ion: 63 Resp: 29325
Ion Ratio Lower Upper
63 100
65 32.7 23.2 43.2
83 14.5 9.7 18.1





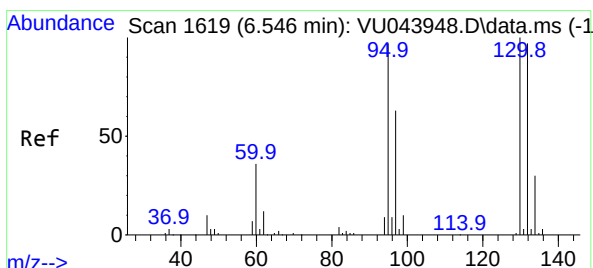
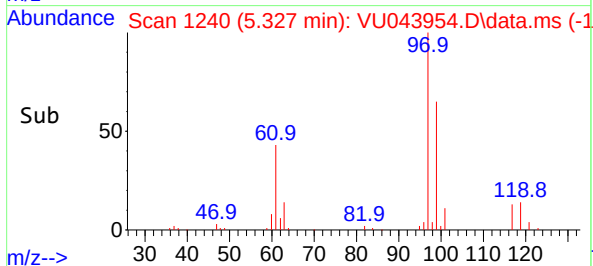
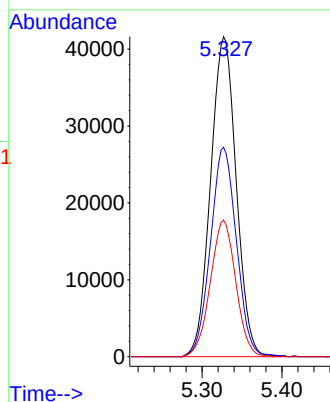
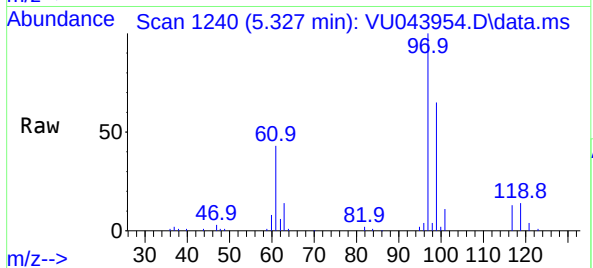
#29
1,1,1-Trichloroethane
Concen: 3.89 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VU043954.D
Acq: 25 May 2021 11:24

Tgt Ion:	97	Resp:	92661
Ion	Ratio	Lower	Upper
97	100		
99	66.4	51.9	77.9
61	42.5	34.7	52.1

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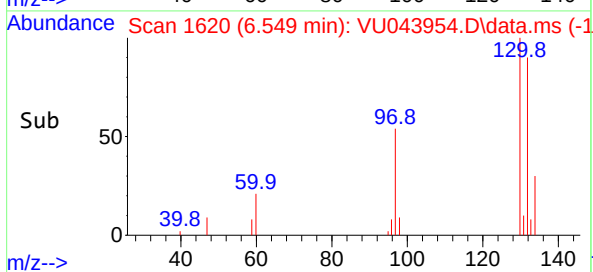
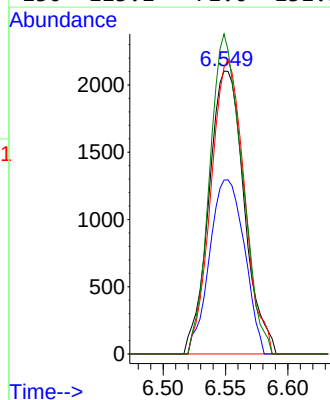
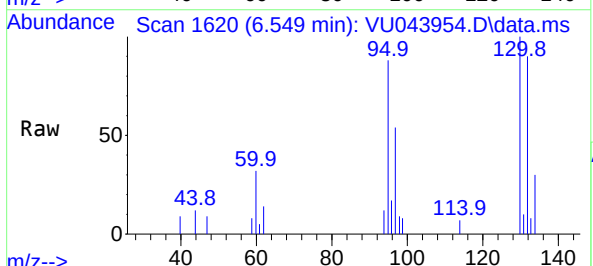
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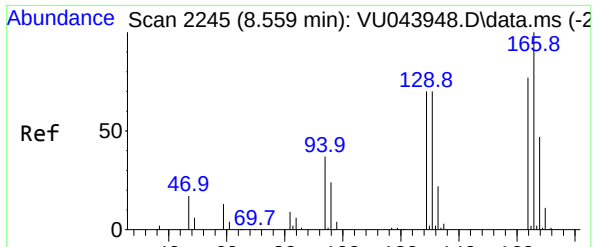
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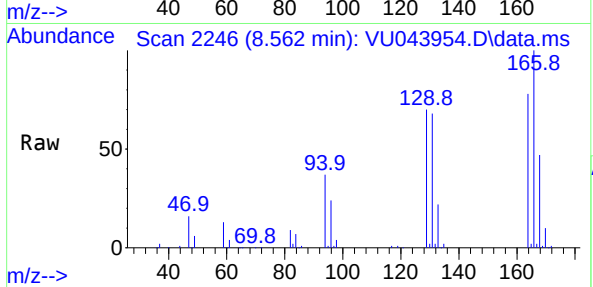
#34
Trichloroethene
Concen: 0.26 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU043954.D
Acq: 25 May 2021 11:24

Tgt Ion:	95	Resp:	4136
Ion	Ratio	Lower	Upper
95	100		
97	61.5	45.5	84.5
132	101.4	70.9	131.7
130	113.1	71.0	131.9



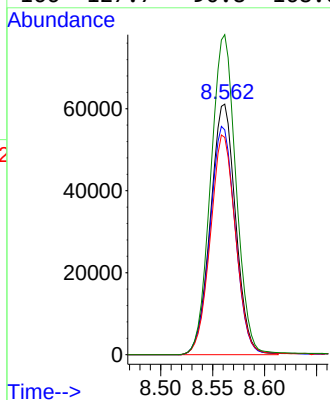
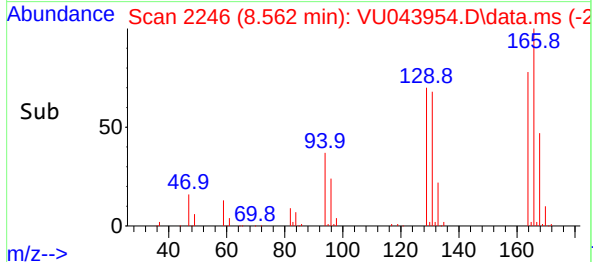


#47
Tetrachloroethene
Concen: 7.39 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043954.D
Acq: 25 May 2021 11:24



Tgt Ion:164 Resp: 103001

Ion	Ratio	Lower	Upper
164	100		
129	89.7	64.1	119.1
131	86.7	64.5	119.9
166	127.7	90.8	168.6



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