

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
 Data File : VU051298.D
 Acq On : 09 Oct 2022 13:53
 Operator : JC/MD
 Sample : N4900-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Oct 10 01:26:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 10 01:25:26 2022
 Response via : Initial Calibration

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

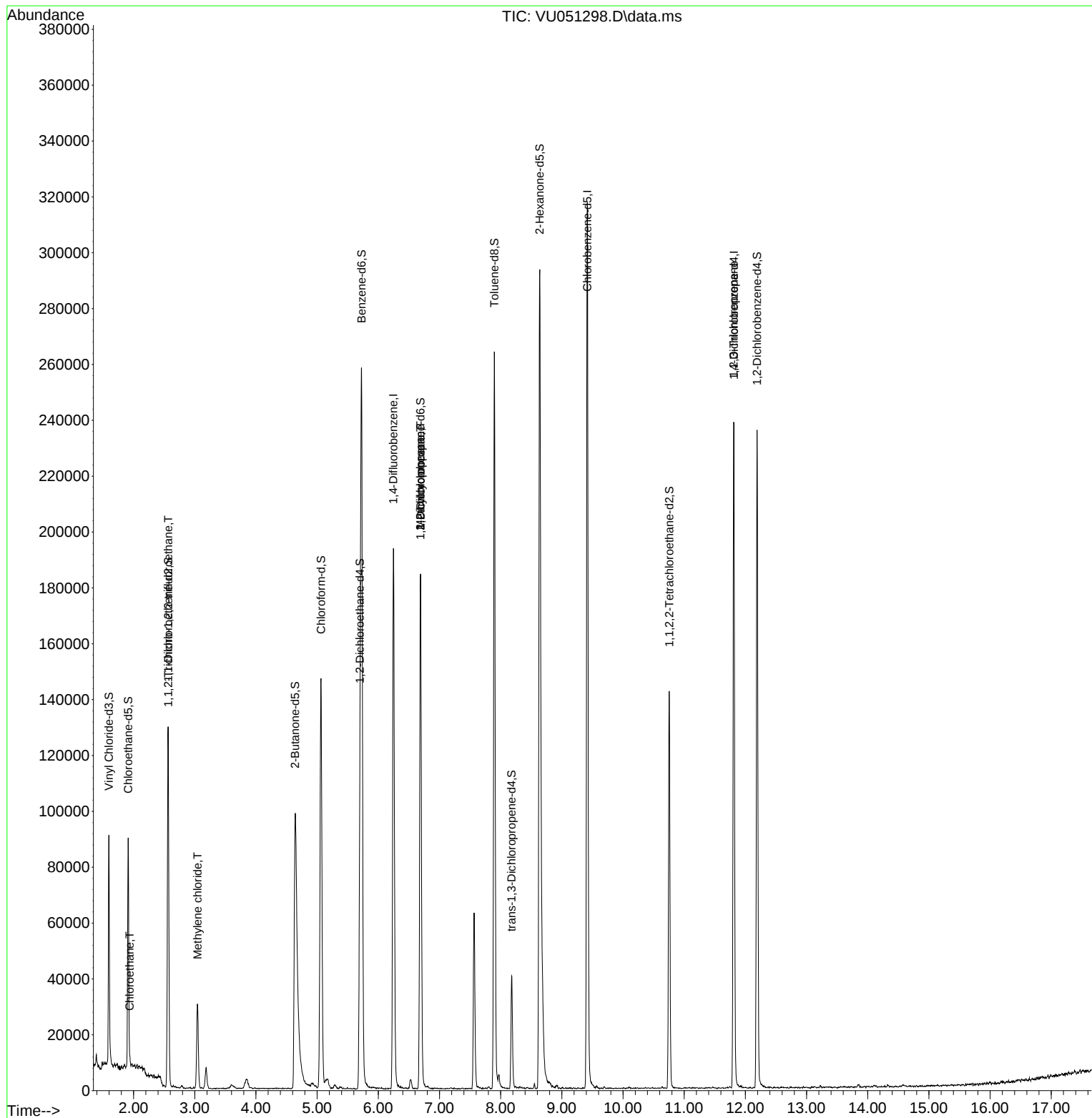
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	155117	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	179407	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	64018	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	62194	4.971	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.913	69	58472	5.439	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.800%
11) 1,1-Dichloroethene-d2	2.565	65	25155	5.086	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.800%
20) 2-Butanone-d5	4.642	46	169390	61.489	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.980%
24) Chloroform-d	5.064	84	137110	5.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.600%
26) 1,2-Dichloroethane-d4	5.700	65	75135	6.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.000%
32) Benzene-d6	5.726	84	237798	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.690	67	89232	5.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.896	98	179211	4.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.179	79	23672	4.299	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.636	63	84178	45.355	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.700%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	72976	5.450	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	63531	5.710	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.200%
Target Compounds						
					Qvalue	
8) Chloroethane	1.938	64	978	0.088	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	665	0.055	ug/L #	21
16) Methylene chloride	3.044	84	14707	0.880	ug/L	97
35) Methylcyclohexane	6.690	83	20448	1.085	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	9126	0.556	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	8732	1.080	ug/L #	68

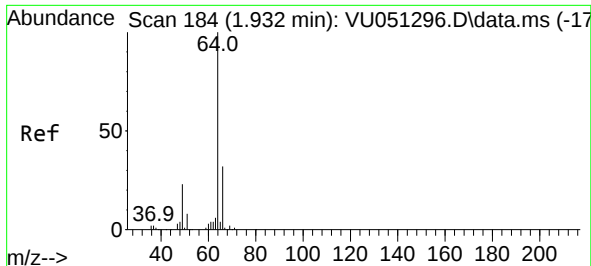
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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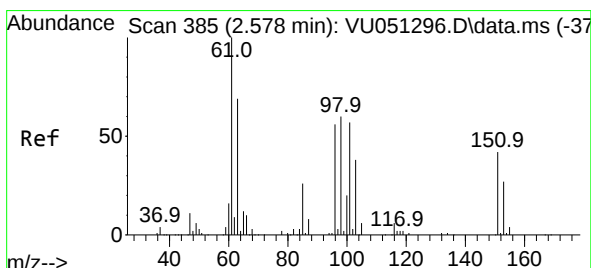
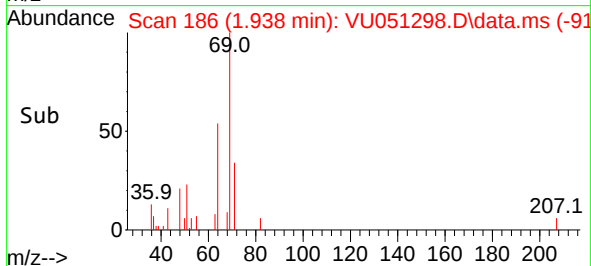
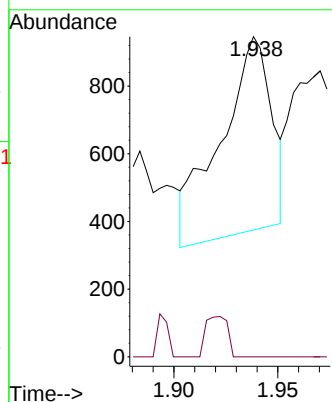
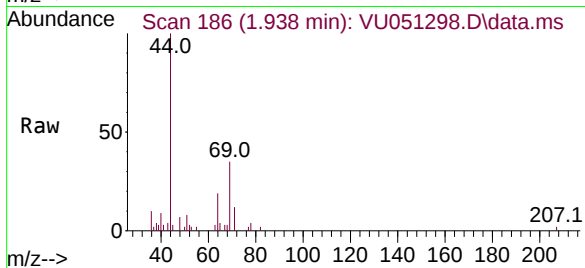




#8
Chloroethane
Concen: 0.088 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU051298.D
Acq: 09 Oct 2022 13:53

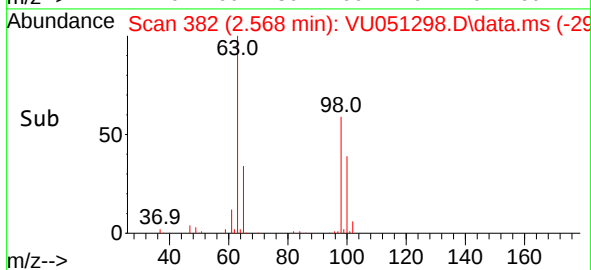
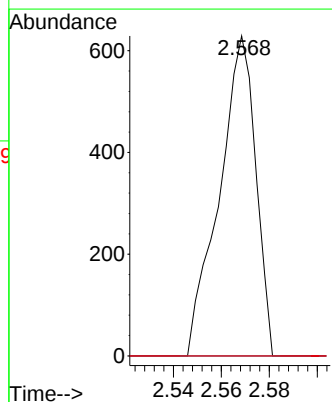
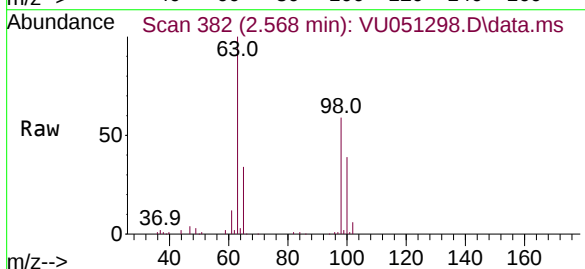
Instrument :
MSVOA_U
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VHBLK001

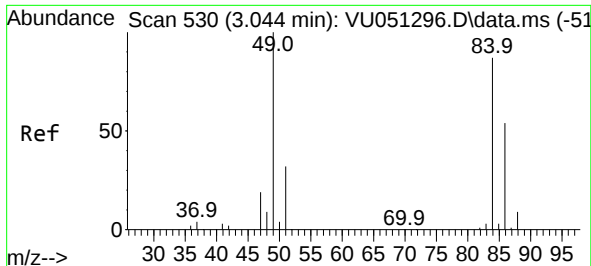
Tgt Ion: 64 Resp: 978
Ion Ratio Lower Upper
64 100
66 0.0 22.3 41.3#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.055 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU051298.D
Acq: 09 Oct 2022 13:53

Tgt Ion:101 Resp: 665
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#

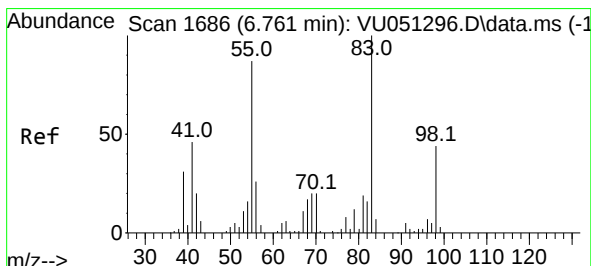
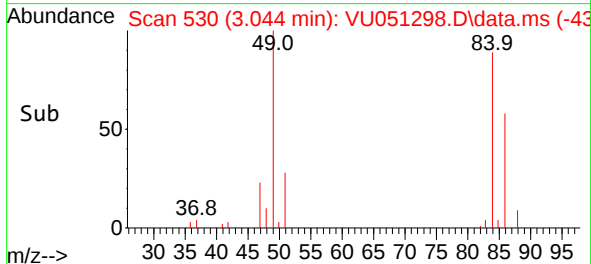
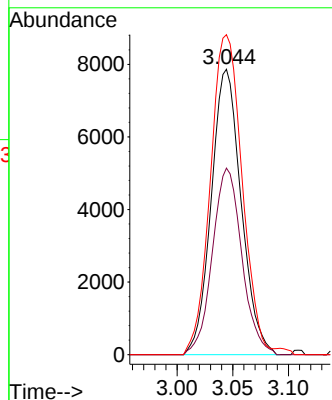
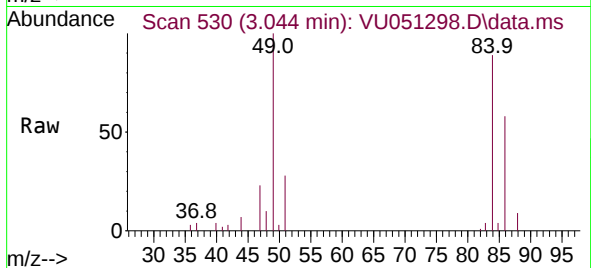




#16
Methylene chloride
Concen: 0.880 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051298.D
Acq: 09 Oct 2022 13:53

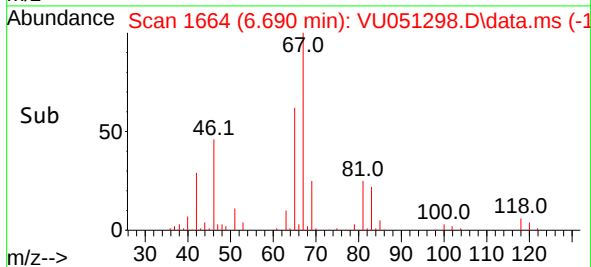
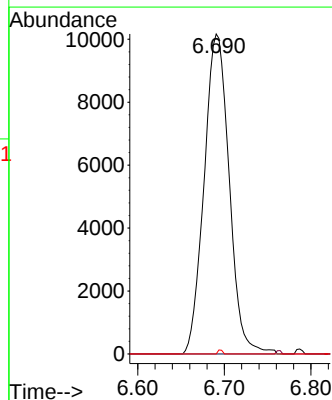
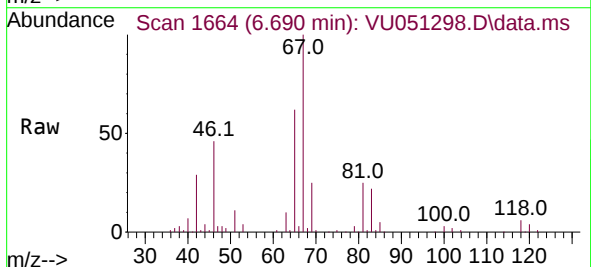
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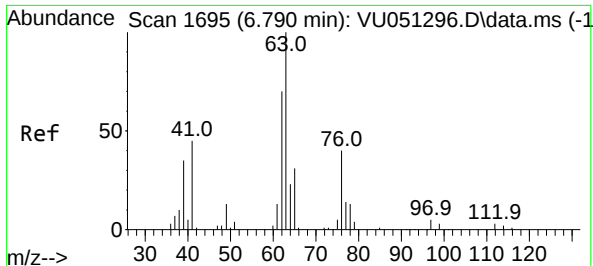
Tgt Ion: 84 Resp: 14707
Ion Ratio Lower Upper
84 100
86 65.3 46.5 86.3
49 112.1 81.3 151.1



#35
Methylcyclohexane
Concen: 1.085 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051298.D
Acq: 09 Oct 2022 13:53

Tgt Ion: 83 Resp: 20448
Ion Ratio Lower Upper
83 100
55 0.2 65.8 98.6#
98 0.2 35.9 53.9#





#37

1,2-Dichloropropane

Concen: 0.556 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU051298.D

Acq: 09 Oct 2022 13:53

Instrument :

MSVOA_U

ClientSampleId :

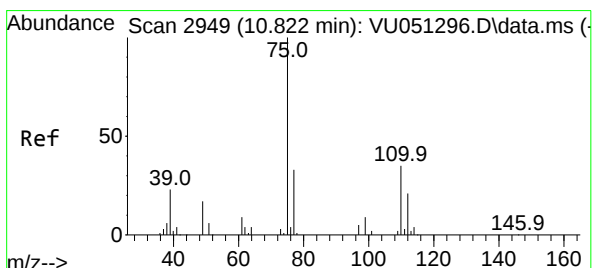
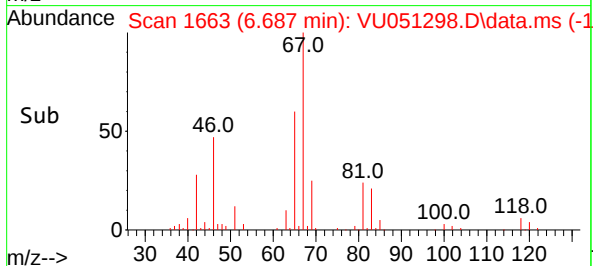
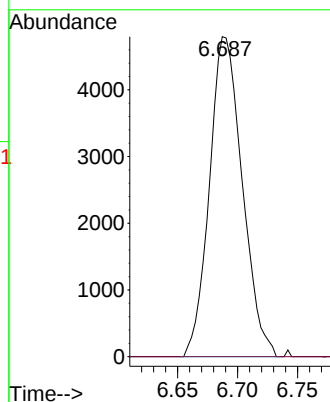
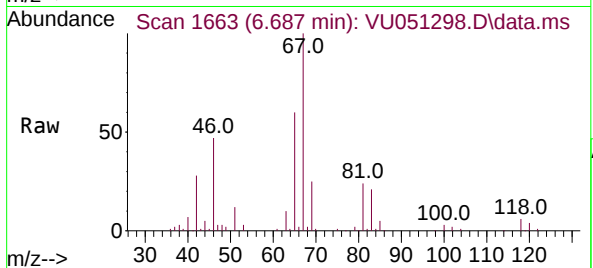
VHBLK001

Tgt Ion: 63 Resp: 9126

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#61

1,2,3-Trichloropropane

Concen: 1.080 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU051298.D

Acq: 09 Oct 2022 13:53

Tgt Ion: 75 Resp: 8732

Ion Ratio Lower Upper

75 100

110 2.9 27.0 40.6#

77 27.2 26.4 39.6

