

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
 Data File : VU062519.D
 Acq On : 20 Dec 2024 12:57
 Operator : MD/SY
 Sample : P5345-04DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 22:34:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 22:32:26 2024
 Response via : Initial Calibration

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

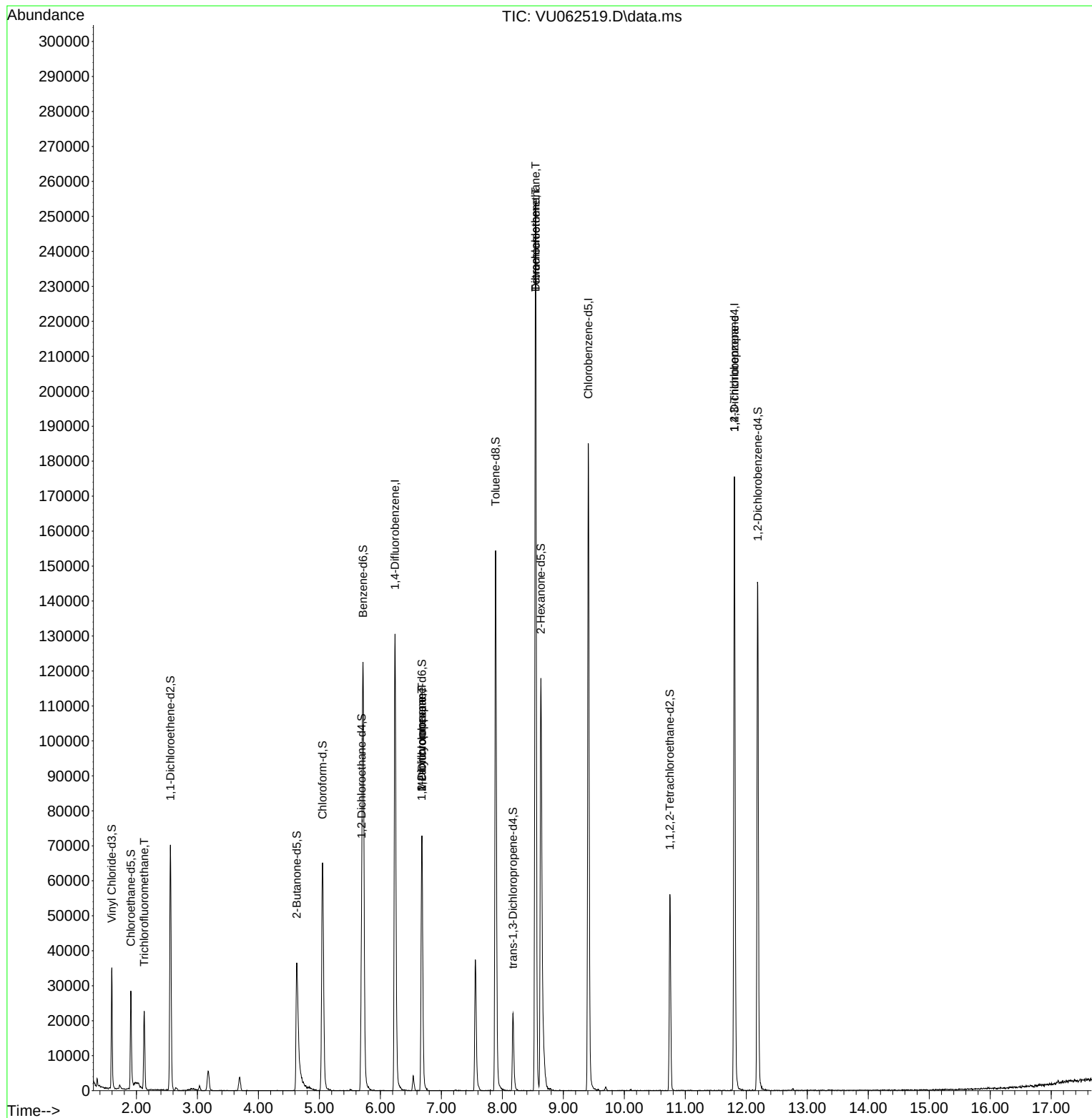
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	110786	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	103798	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49463	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24308	3.253	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.908	69	20417	3.841	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.557	65	13068	3.676	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	4.628	46	53876	37.620	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.240%
24) Chloroform-d	5.049	84	64898	4.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
26) 1,2-Dichloroethane-d4	5.692	65	35365	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.714	84	117532	3.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.679	67	32470	3.796	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.000%
41) Toluene-d8	7.888	98	107360	3.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.174	79	14631	3.886	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.631	63	42848	37.722	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.440%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26079	3.918	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	40129	4.403	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.126	101	14682	0.999	ug/L	96
35) Methylcyclohexane	6.679	83	8770	0.649	ug/L #	20
37) 1,2-Dichloropropane	6.676	63	4105	0.524	ug/L #	87
47) Tetrachloroethene	8.544	164	57059	8.110	ug/L	96
49) Dibromochloromethane	8.544	129	55555	7.776	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	4766	1.042	ug/L #	65

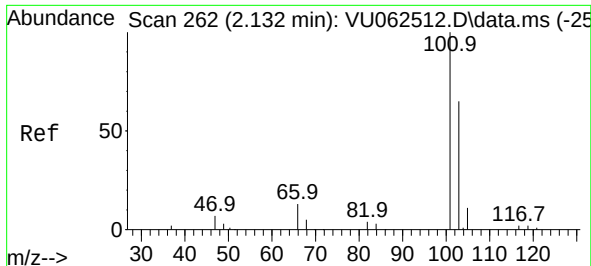
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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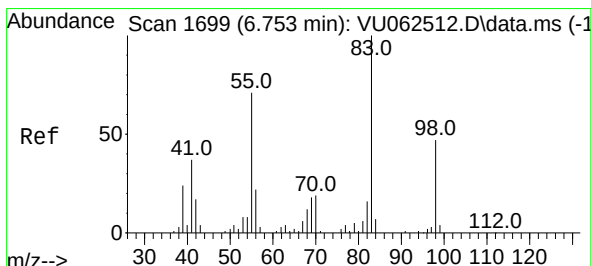
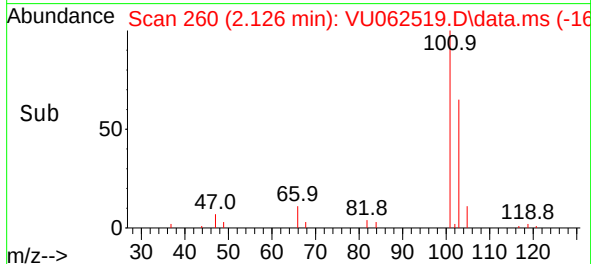
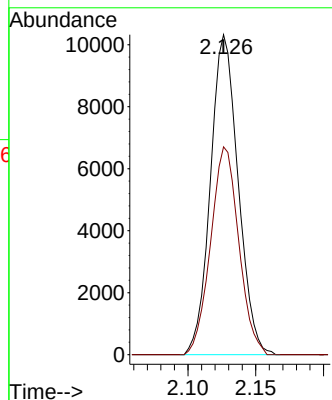
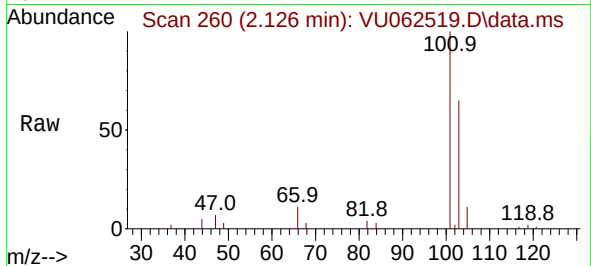




#9
Trichlorofluoromethane
Concen: 0.999 ug/L
RT: 2.126 min Scan# 20
Delta R.T. -0.006 min
Lab File: VU062519.D
Acq: 20 Dec 2024 12:57

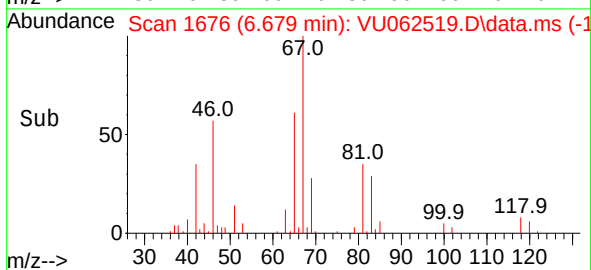
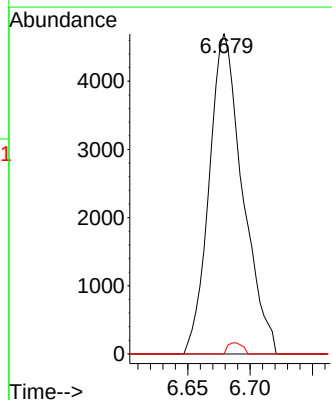
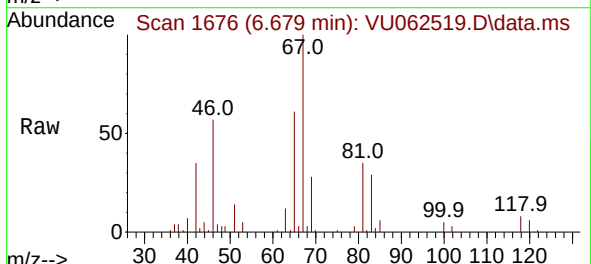
Instrument :
MSVOA_U
ClientSampleId :

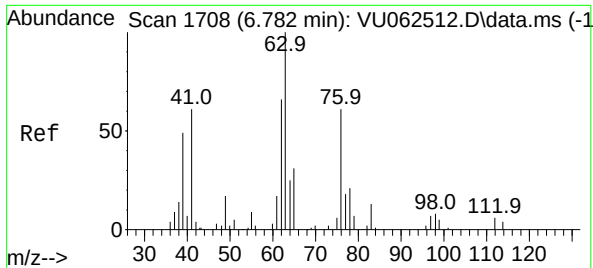
Tgt Ion:101 Resp: 14682
Ion Ratio Lower Upper
101 100
103 66.0 50.6 75.8



#35
Methylcyclohexane
Concen: 0.649 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062519.D
Acq: 20 Dec 2024 12:57

Tgt Ion: 83 Resp: 8770
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 1.5 34.8 52.2#

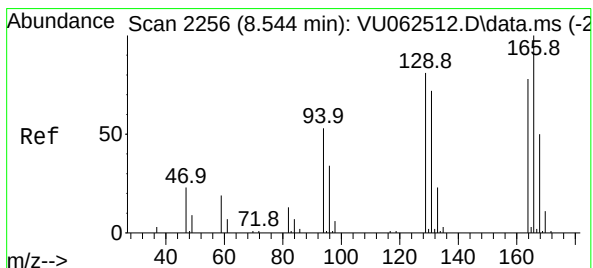
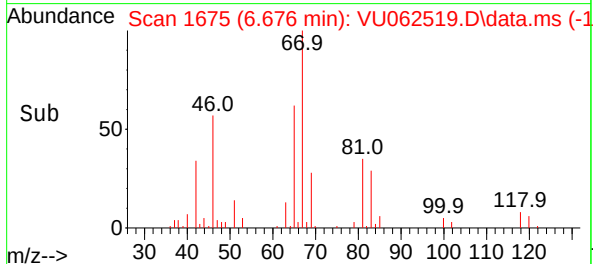
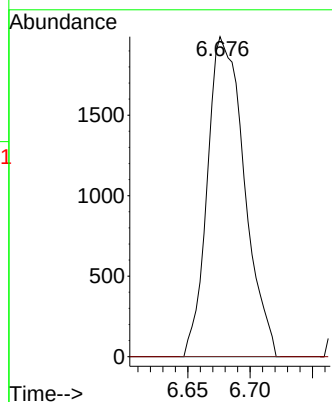
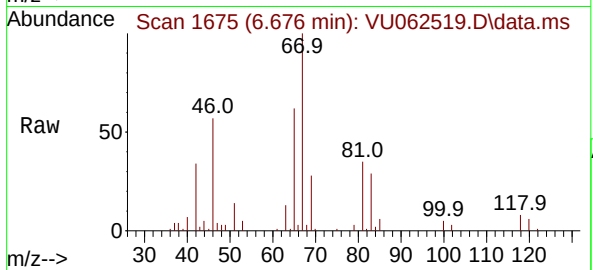




#37
1,2-Dichloropropane
Concen: 0.524 ug/L
RT: 6.676 min Scan# 1
Delta R.T. -0.106 min
Lab File: VU062519.D
Acq: 20 Dec 2024 12:57

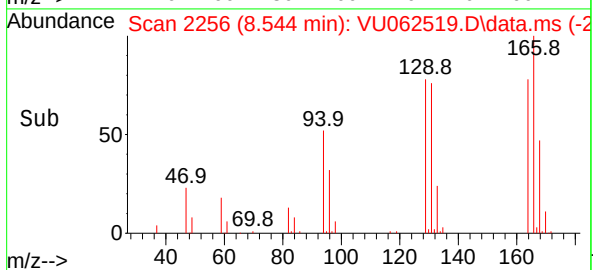
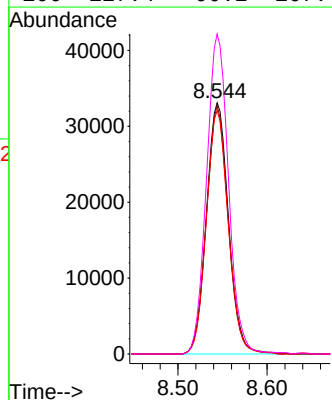
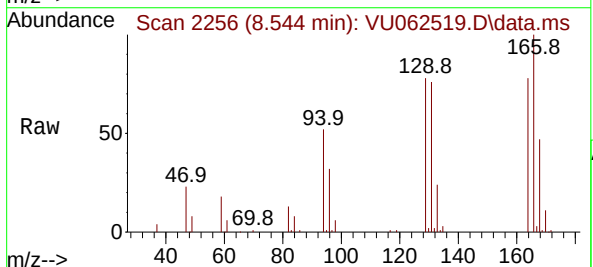
Instrument :
MSVOA_U
ClientSampleId :

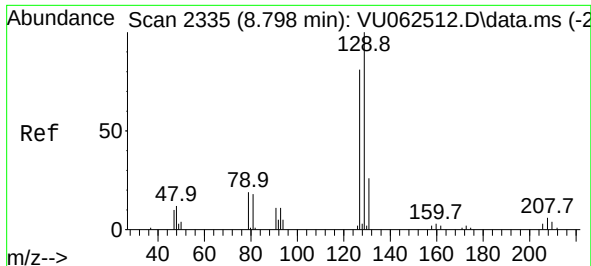
Tgt Ion: 63 Resp: 4105
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#47
Tetrachloroethene
Concen: 8.110 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062519.D
Acq: 20 Dec 2024 12:57

Tgt Ion:164 Resp: 57059
Ion Ratio Lower Upper
164 100
129 98.9 73.2 136.0
131 97.0 72.3 134.3
166 127.4 90.2 167.4





#49

Dibromochloromethane

Concen: 7.776 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU062519.D

Acq: 20 Dec 2024 12:57

Instrument :

MSVOA_U

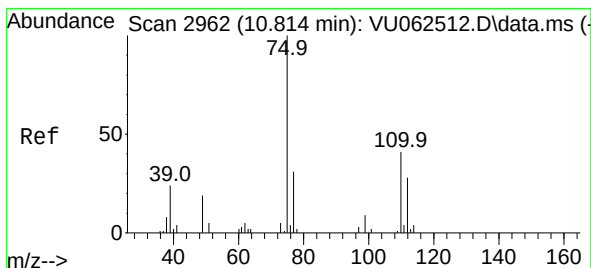
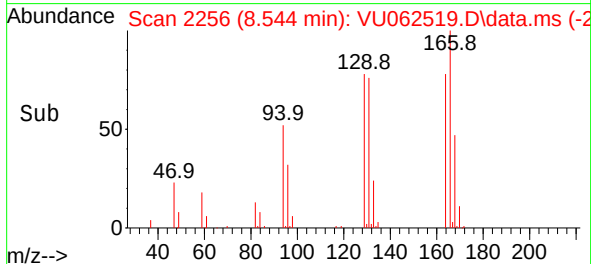
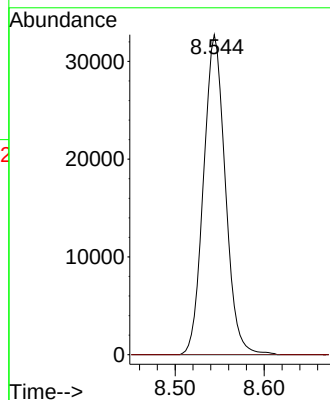
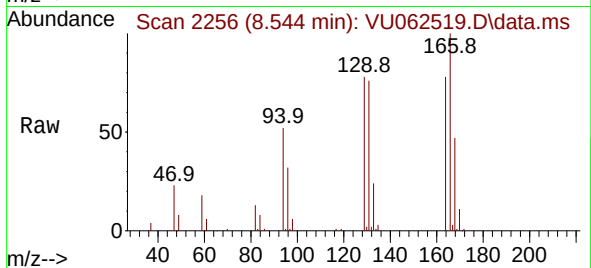
ClientSampleId :

Tgt Ion:129 Resp: 55555

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 1.042 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU062519.D

Acq: 20 Dec 2024 12:57

Tgt Ion: 75 Resp: 4766

Ion Ratio Lower Upper

75 100

110 2.3 28.9 43.3#

77 39.0 26.5 39.7

