

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU056998.D
 Acq On : 18 Dec 2023 17:09
 Operator : MD/SY
 Sample : 05810-08DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 01:42:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 19 01:20:32 2023
 Response via : Initial Calibration

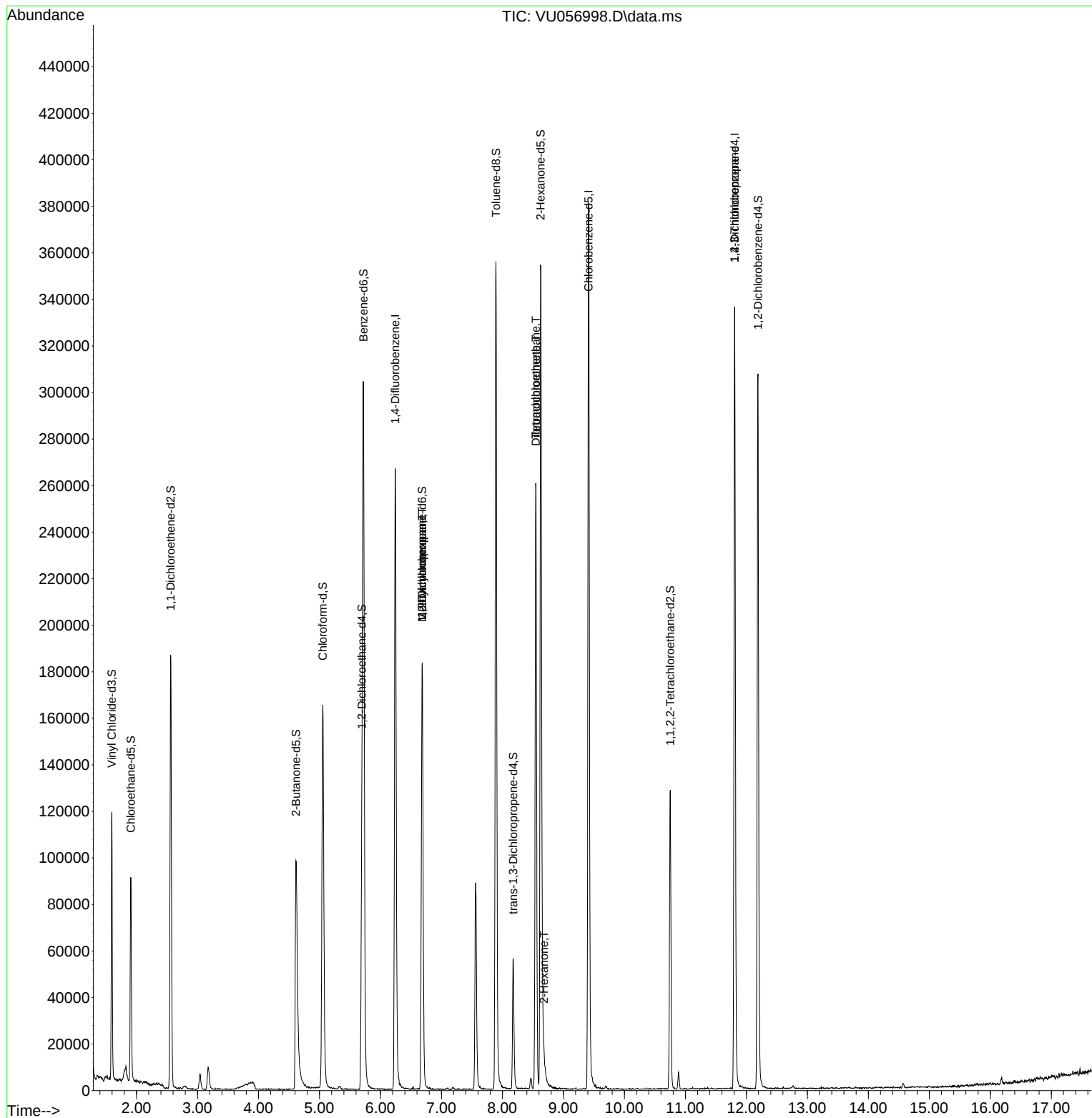
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	214045	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	219509	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	89068	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	81622	4.449	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.907	69	68092	4.959	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.560	65	36371	4.633	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	4.615	46	150004	41.400	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.800%
24) Chloroform-d	5.055	84	157669	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.695	65	75791	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.721	84	295197	4.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.685	67	92260	4.329	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.894	98	244053	4.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.177	79	32946	3.987	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.627	63	117034	37.548	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.100%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	65067	4.220	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	80302	4.586	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.682	83	21864	0.700	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	10186	0.516	ug/L #	88
47) Tetrachloroethene	8.547	164	55186	3.726	ug/L	99
48) 2-Hexanone	8.682	43	4652	0.697	ug/L #	95
49) Dibromochloromethane	8.550	129	59409	3.874	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	11070	1.158	ug/L #	68

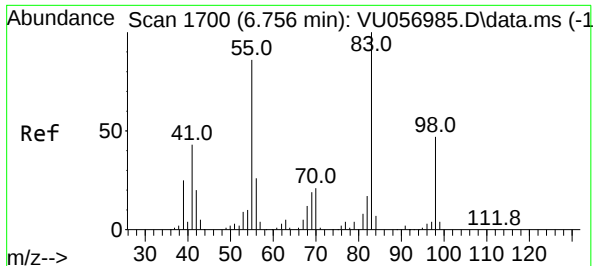
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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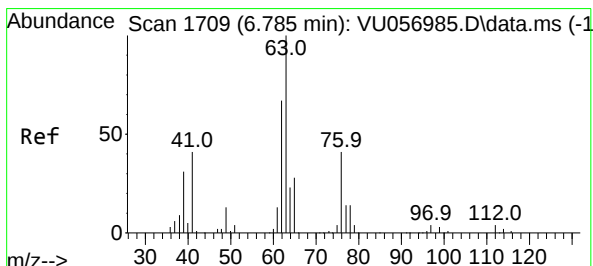
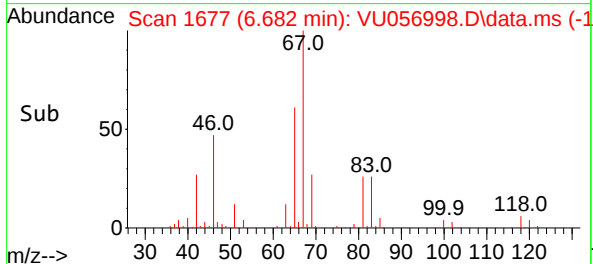
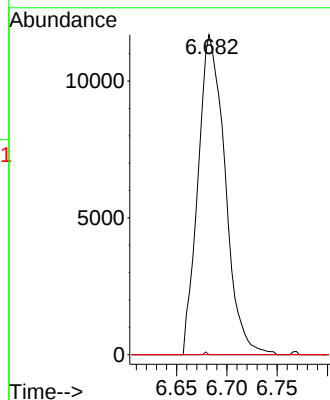
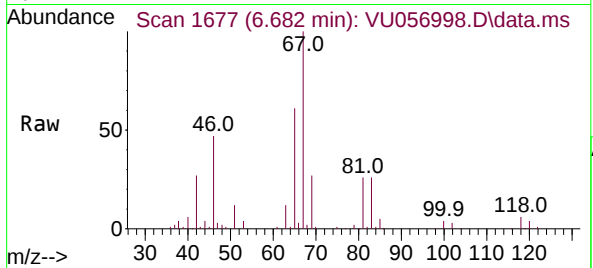




#35
Methylcyclohexane
Concen: 0.700 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU056998.D
Acq: 18 Dec 2023 17:09

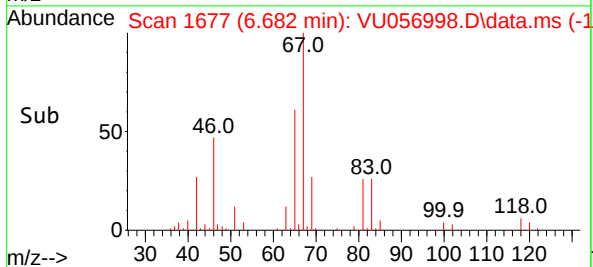
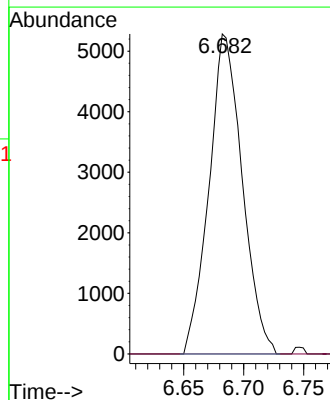
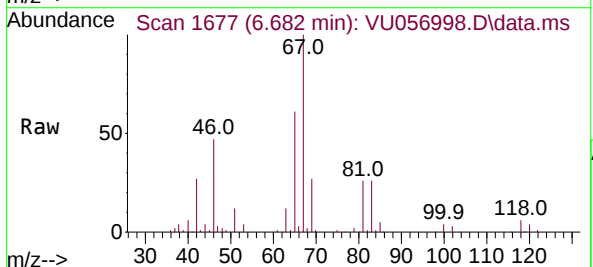
Instrument :
MSVOA_U
ClientSampleId :

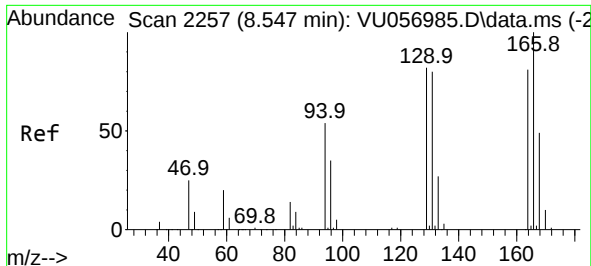
Tgt Ion: 83 Resp: 21864
Ion Ratio Lower Upper
83 100
55 0.1 64.6 97.0#
98 0.0 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.516 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU056998.D
Acq: 18 Dec 2023 17:09

Tgt Ion: 63 Resp: 10186
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#





#47

Tetrachloroethene

Concen: 3.726 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

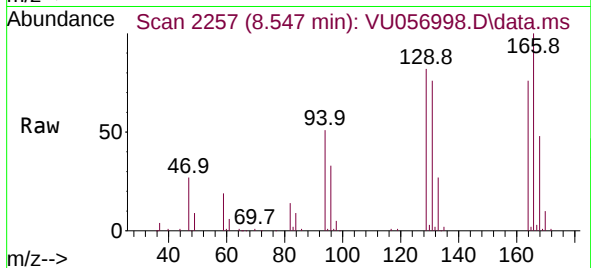
Lab File: VU056998.D

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Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 55186

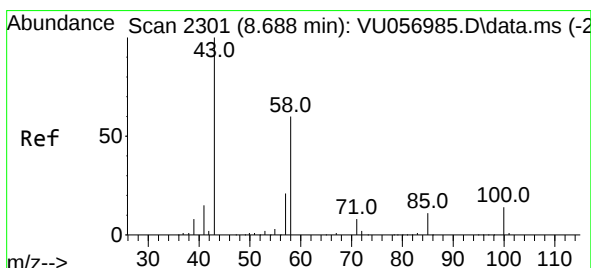
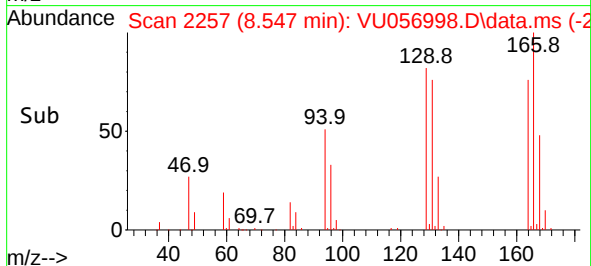
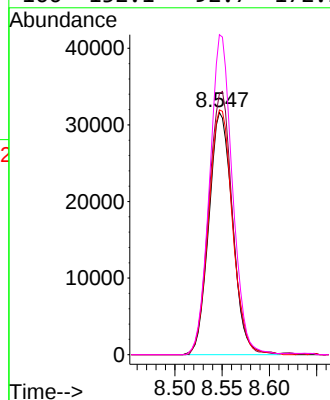
Ion Ratio Lower Upper

164 100

129 107.8 73.4 136.4

131 101.0 71.5 132.9

166 132.1 92.7 172.1



#48

2-Hexanone

Concen: 0.697 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. -0.006 min

Lab File: VU056998.D

Acq: 18 Dec 2023 17:09

Tgt Ion: 43 Resp: 4652

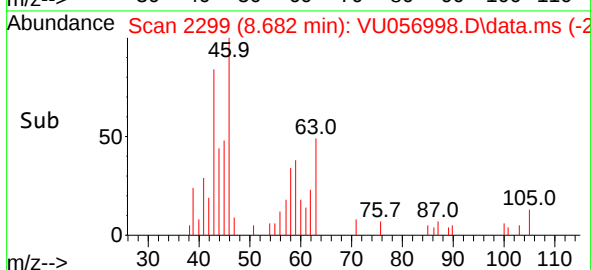
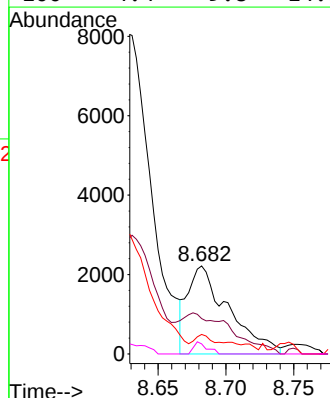
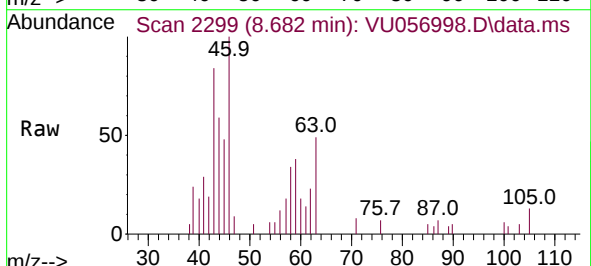
Ion Ratio Lower Upper

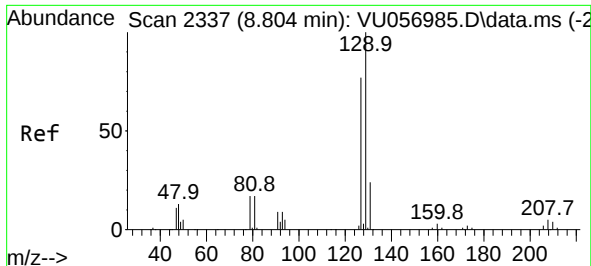
43 100

58 57.6 47.5 71.3

57 19.8 17.0 25.4

100 4.4 9.8 14.8#

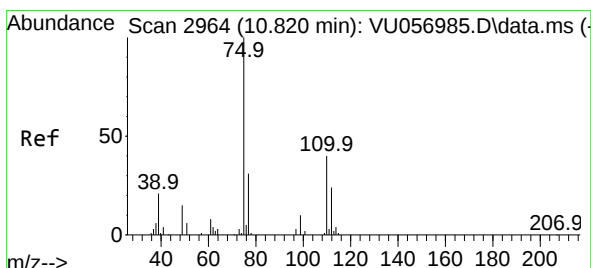
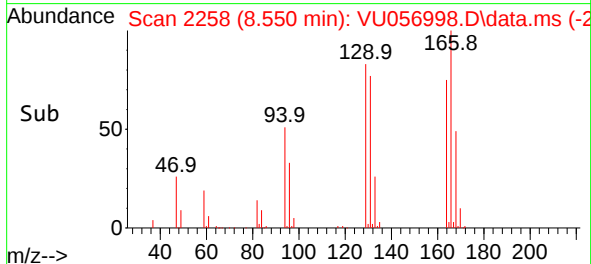
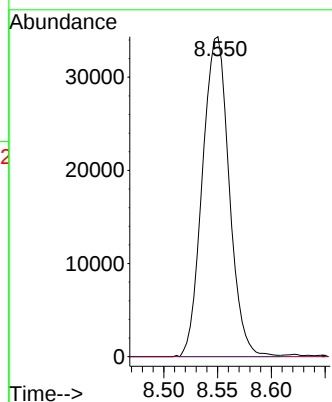
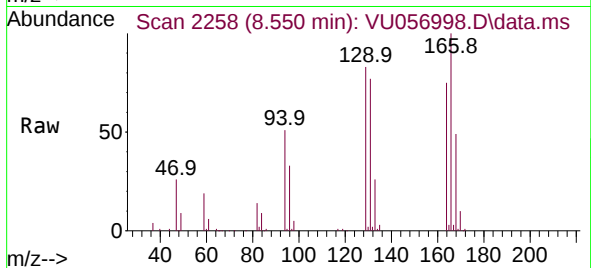




#49
Dibromochloromethane
Concen: 3.874 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU056998.D
Acq: 18 Dec 2023 17:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 59409
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#



#61
1,2,3-Trichloropropane
Concen: 1.158 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU056998.D
Acq: 18 Dec 2023 17:09

Tgt Ion: 75 Resp: 11070
Ion Ratio Lower Upper
75 100
110 0.5 28.4 42.6#
77 31.6 26.3 39.5

