

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061876.D
 Acq On : 20 Nov 2024 19:20
 Operator : MD/SY
 Sample : P4827-05DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 01:32:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:18:14 2024
 Response via : Initial Calibration

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

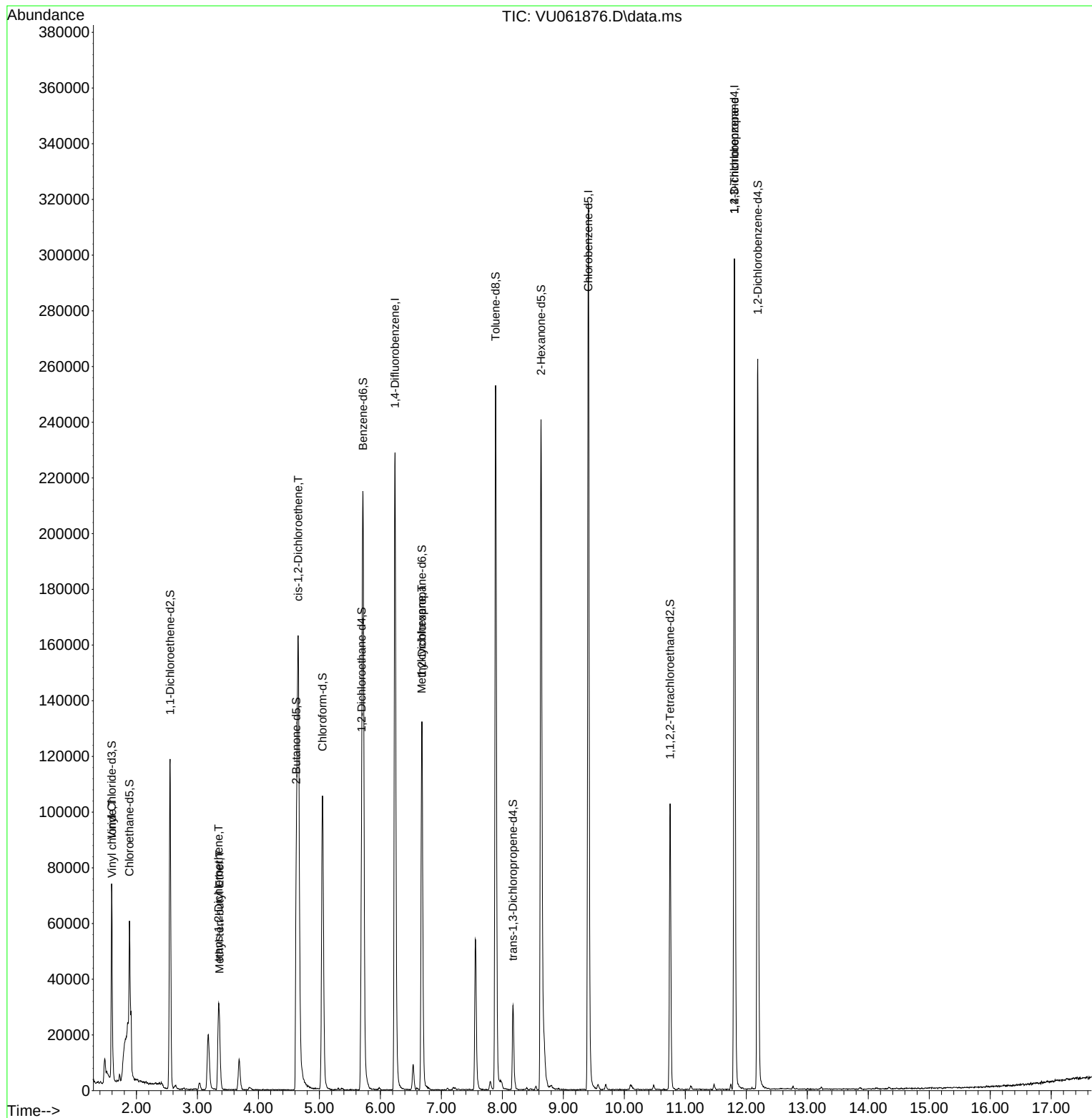
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	187671	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	171865	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78181	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	51533	5.598	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.000%
7) Chloroethane-d5	1.885	69	26881	3.301	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.000%
11) 1,1-Dichloroethene-d2	2.551	65	22636	6.155	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	123.000%
20) 2-Butanone-d5	4.621	46	118624	41.036	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.080%
24) Chloroform-d	5.049	84	102570	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.692	65	55477	4.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.714	84	202306	6.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.800%
36) 1,2-Dichloropropane-d6	6.679	67	63525	5.583	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.600%
41) Toluene-d8	7.888	98	172469	6.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.600%
43) trans-1,3-Dichloroprop...	8.174	79	18565	4.407	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.634	63	86014	44.738	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.480%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52560	4.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	68374	5.915	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	2890	0.166	ug/L #	1
17) Methyl tert-butyl Ether	3.361	73	22258	0.690	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	6635	0.499	ug/L	89
22) cis-1,2-Dichloroethene	4.653	96	70818	4.730	ug/L	98
35) Methylcyclohexane	6.676	83	14673	0.692	ug/L #	20
61) 1,2,3-Trichloropropane	11.804	75	10522	1.164	ug/L #	68

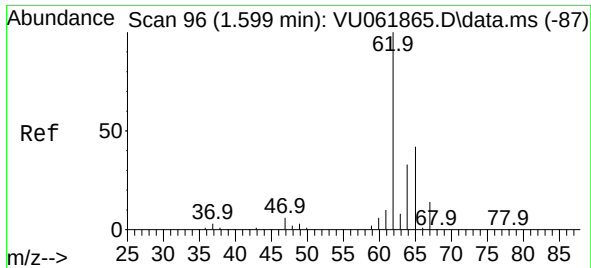
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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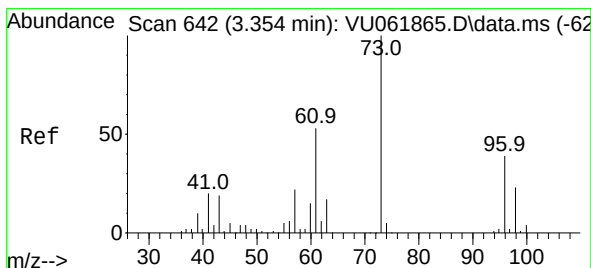
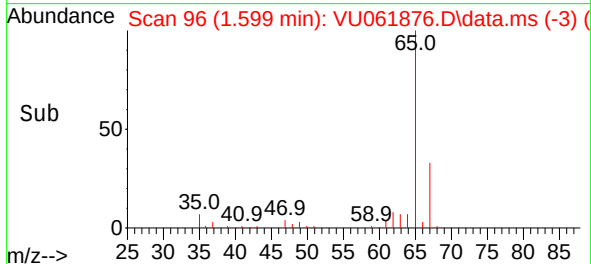
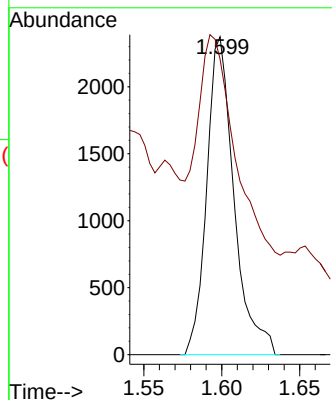
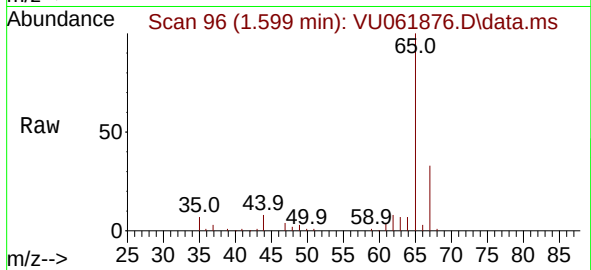




#5
 Vinyl chloride
 Concen: 0.166 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU061876.D
 Acq: 20 Nov 2024 19:20

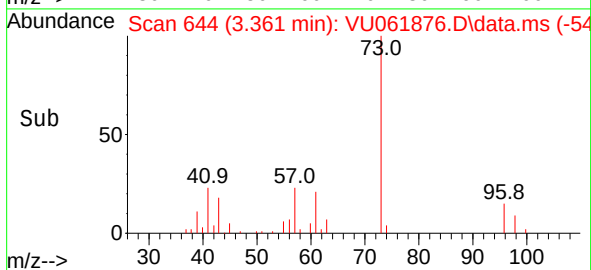
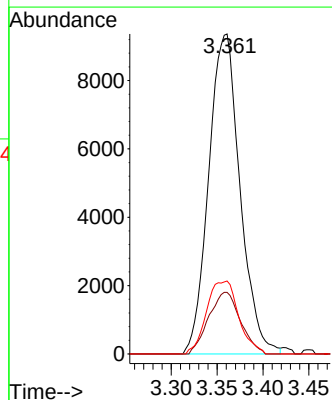
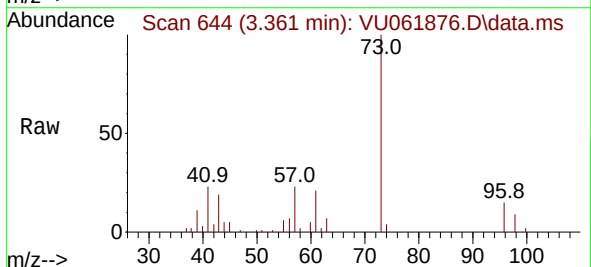
Instrument :
 MSVOA_U
 ClientSampleId :

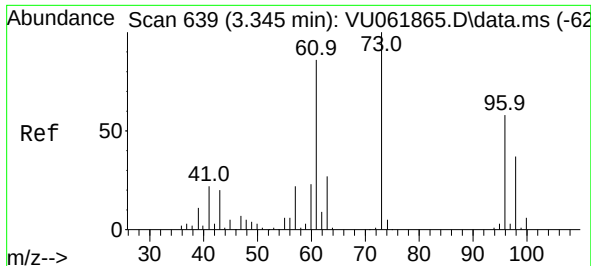
Tgt Ion: 62 Resp: 2890
 Ion Ratio Lower Upper
 62 100
 64 93.0 23.1 42.9#



#17
 Methyl tert-butyl Ether
 Concen: 0.690 ug/L
 RT: 3.361 min Scan# 644
 Delta R.T. 0.007 min
 Lab File: VU061876.D
 Acq: 20 Nov 2024 19:20

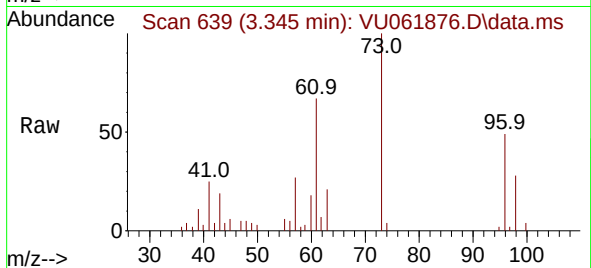
Tgt Ion: 73 Resp: 22258
 Ion Ratio Lower Upper
 73 100
 43 19.5 16.3 24.5
 57 23.3 17.1 25.7



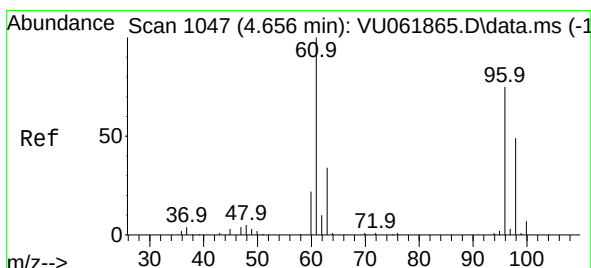
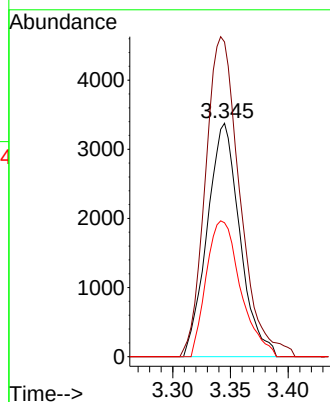
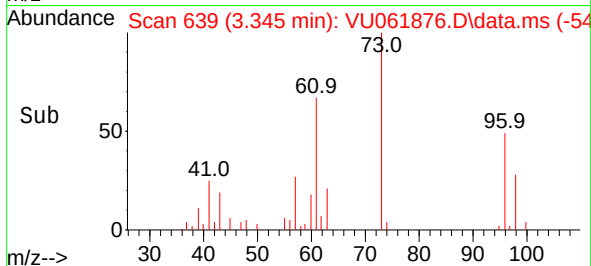


#18
trans-1,2-Dichloroethene
Concen: 0.499 ug/L
RT: 3.345 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU061876.D
Acq: 20 Nov 2024 19:20

Instrument :
MSVOA_U
ClientSampleId :

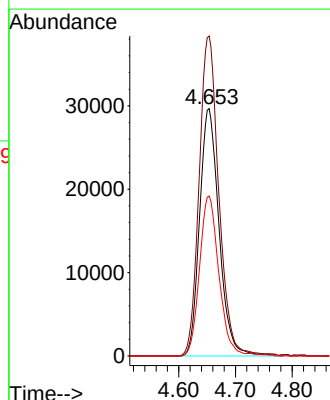
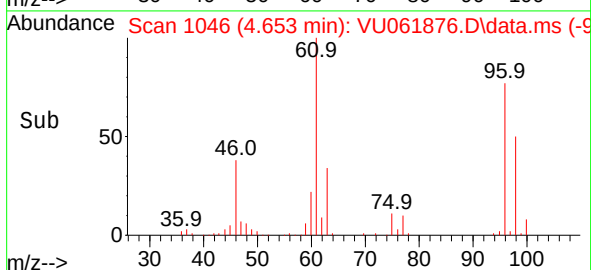
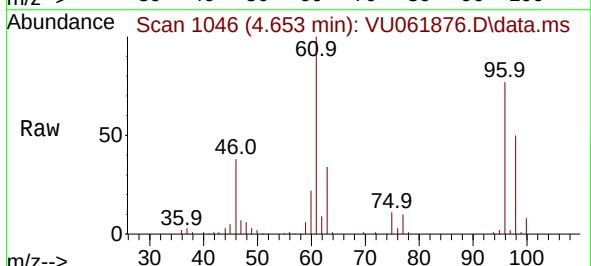


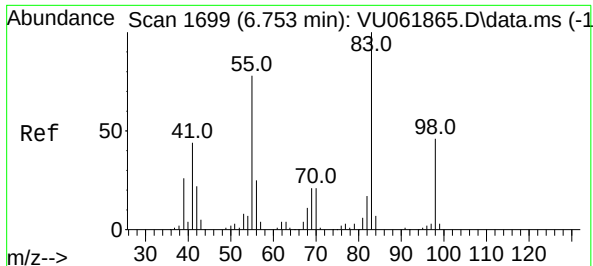
Tgt Ion: 96 Resp: 6635
Ion Ratio Lower Upper
96 100
61 134.8 104.2 193.4
98 57.4 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 4.730 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU061876.D
Acq: 20 Nov 2024 19:20

Tgt Ion: 96 Resp: 70818
Ion Ratio Lower Upper
96 100
61 129.4 92.0 170.8
98 64.7 44.5 82.7

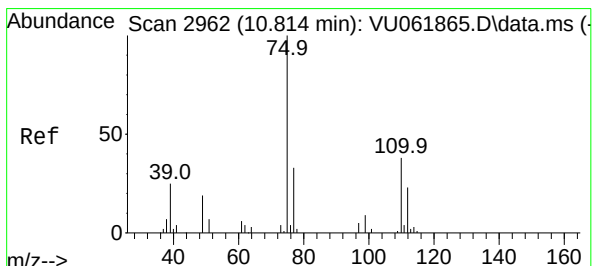
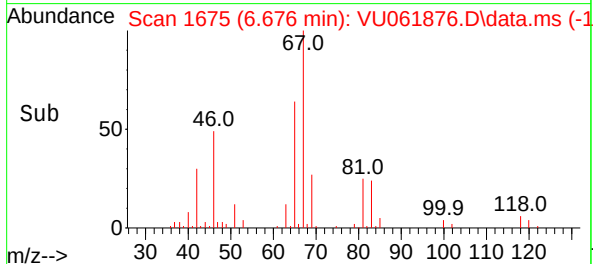
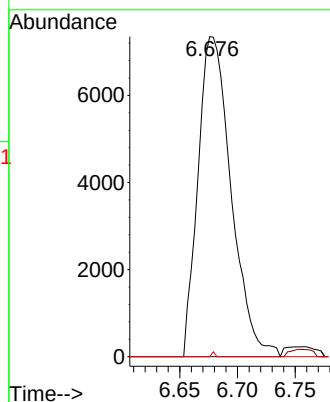
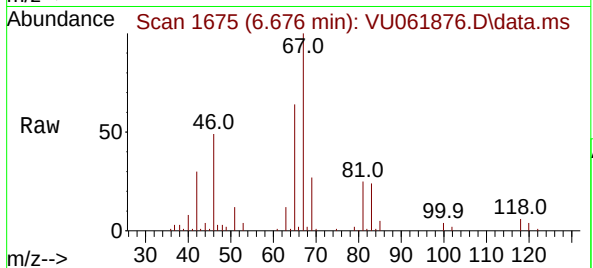




#35
Methylcyclohexane
Concen: 0.692 ug/L
RT: 6.676 min Scan# 1
Delta R.T. -0.077 min
Lab File: VU061876.D
Acq: 20 Nov 2024 19:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 14673
Ion Ratio Lower Upper
83 100
55 1.5 60.7 91.1#
98 0.1 34.8 52.2#



#61
1,2,3-Trichloropropane
Concen: 1.164 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU061876.D
Acq: 20 Nov 2024 19:20

Tgt Ion: 75 Resp: 10522
Ion Ratio Lower Upper
75 100
110 1.4 28.9 43.3#
77 34.6 26.5 39.7

