

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055944.D
 Acq On : 28 Oct 2023 00:53
 Operator : MD/SY
 Sample : 05113-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 28 02:01:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

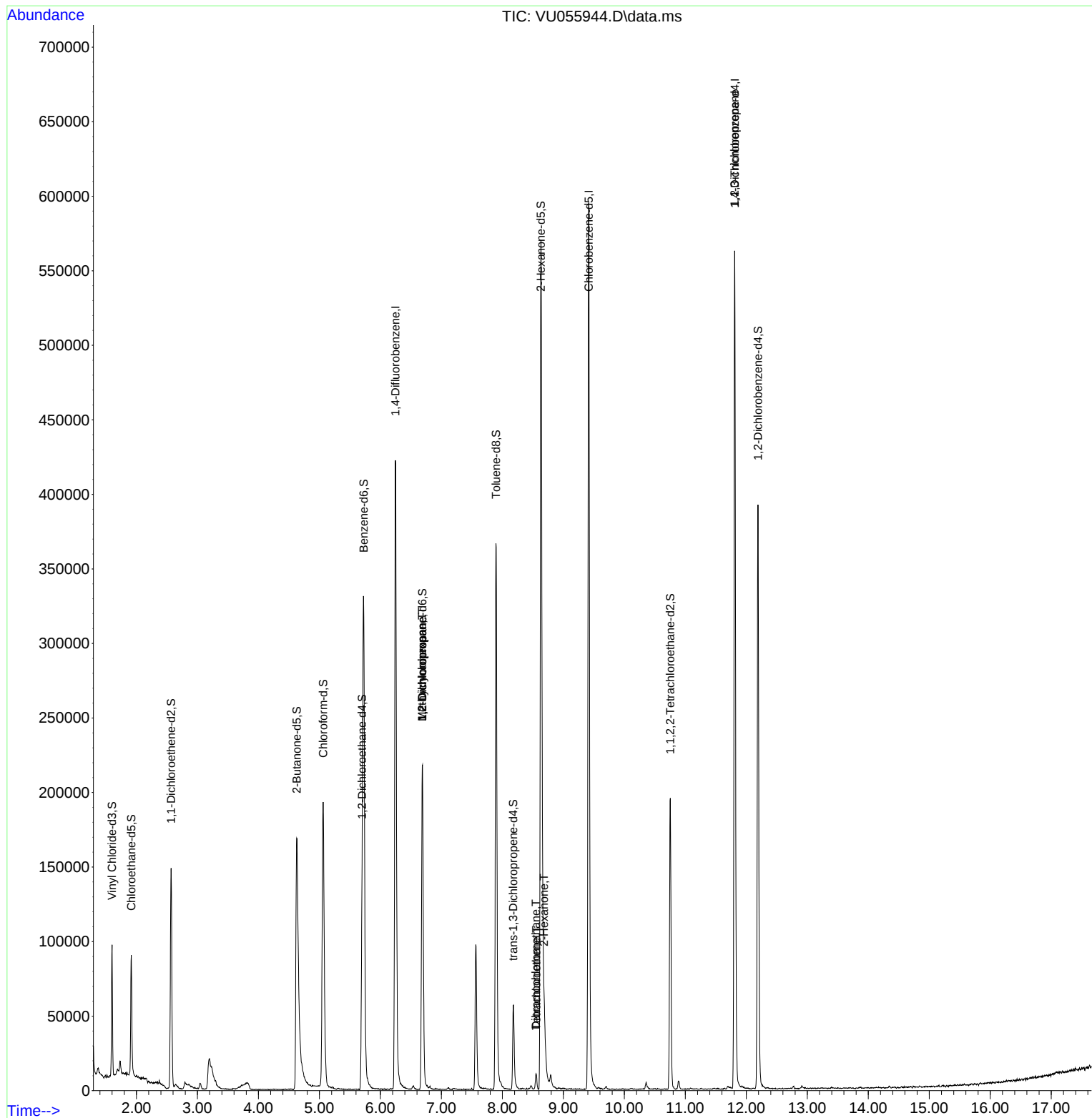
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	362547	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	356523	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	160614	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	62171	2.168	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	43.400%	
7) Chloroethane-d5	1.914	69	62124	2.779	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	55.600%#	
11) 1,1-Dichloroethene-d2	2.567	65	29645	2.435	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	48.600%#	
20) 2-Butanone-d5	4.628	46	273070	53.372	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.740%	
24) Chloroform-d	5.062	84	185946	3.499	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	70.000%	
26) 1,2-Dichloroethane-d4	5.699	65	90563	3.498	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.000%	
32) Benzene-d6	5.724	84	328791	3.096	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	62.000%#	
36) 1,2-Dichloropropane-d6	6.689	67	112877	3.585	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	71.800%	
41) Toluene-d8	7.895	98	265432	2.755	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	55.200%#	
43) trans-1,3-Dichloroprop...	8.178	79	36399	2.956	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	59.200%	
46) 2-Hexanone-d5	8.631	63	207815	66.487	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	132.980%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	102618	4.476	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	110453	3.686	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	73.800%#	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.686	83	25750	0.867	ug/L #	18
37) 1,2-Dichloropropane	6.686	63	11553	0.553	ug/L #	89
47) Tetrachloroethene	8.557	164	2433	0.158	ug/L	88
48) 2-Hexanone	8.682	43	19034	2.404	ug/L #	76
49) Dibromochloromethane	8.551	129	2302	0.143	ug/L #	11
61) 1,2,3-Trichloropropane	11.808	75	19027	1.726	ug/L #	66

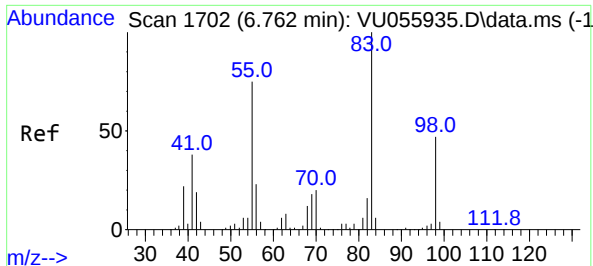
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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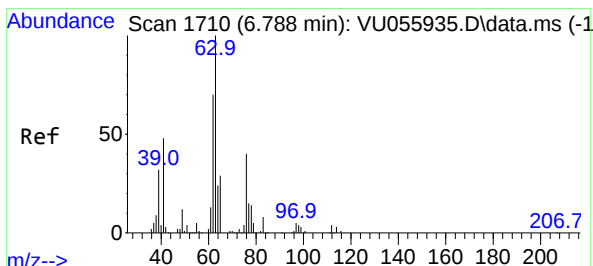
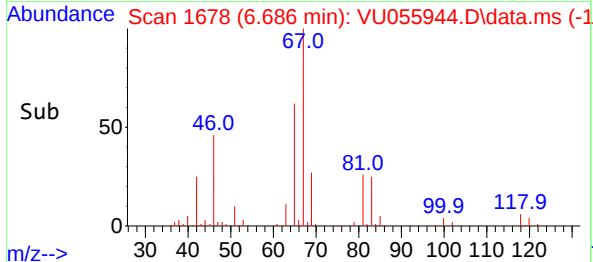
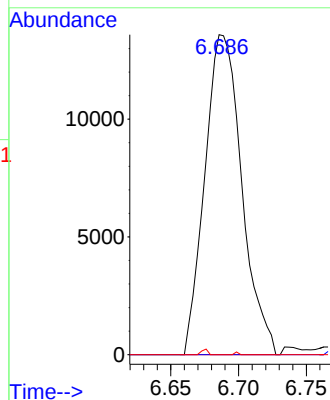
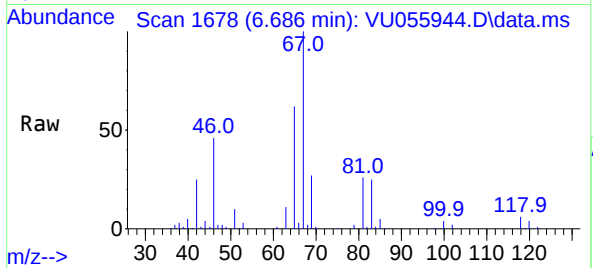




#35
Methylcyclohexane
Concen: 0.867 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055944.D
Acq: 28 Oct 2023 00:53

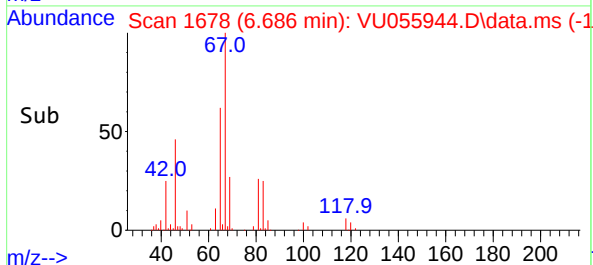
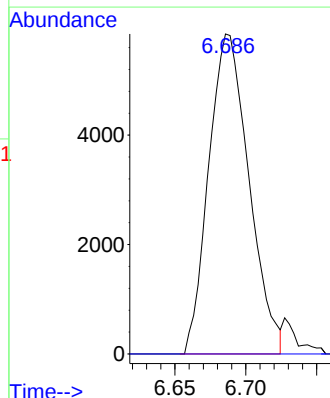
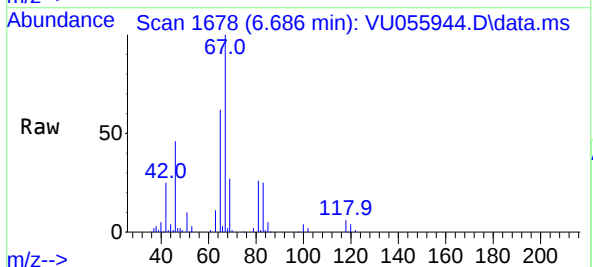
Instrument :
MSVOA_U
ClientSampleId :

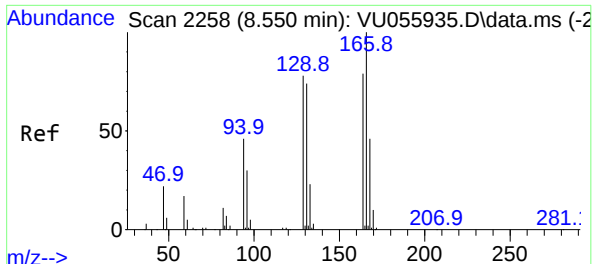
Tgt Ion: 83 Resp: 25750
Ion Ratio Lower Upper
83 100
55 0.0 62.4 93.6#
98 0.3 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.553 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.099 min
Lab File: VU055944.D
Acq: 28 Oct 2023 00:53

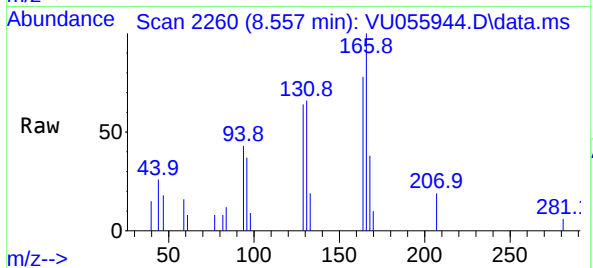
Tgt Ion: 63 Resp: 11553
Ion Ratio Lower Upper
63 100
112 0.4 3.1 4.7#





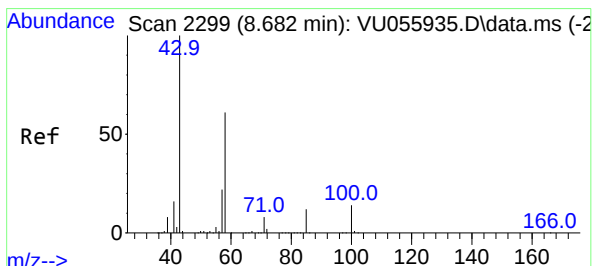
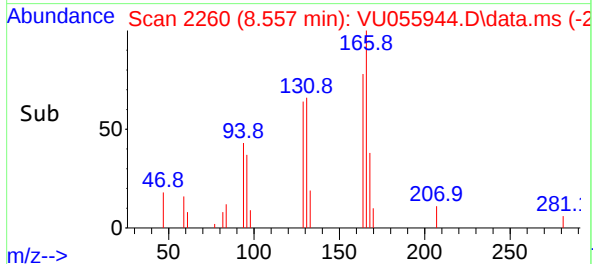
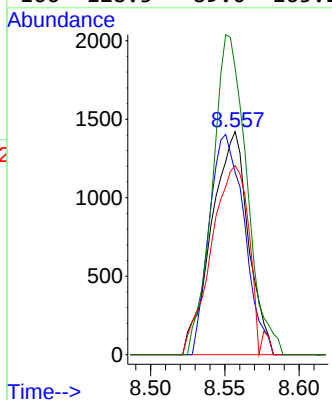
#47
Tetrachloroethene
Concen: 0.158 ug/L
RT: 8.557 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU055944.D
Acq: 28 Oct 2023 00:53

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 2433

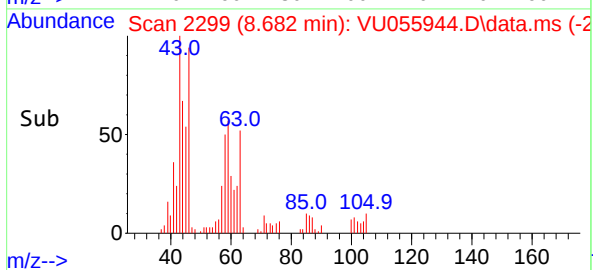
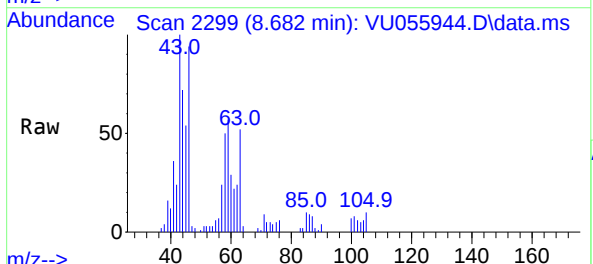
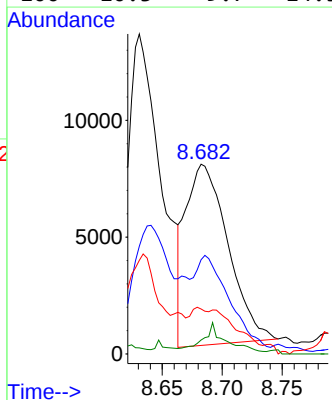
Ion	Ratio	Lower	Upper
164	100		
129	81.6	72.2	134.0
131	84.8	70.8	131.6
166	128.5	89.0	165.2

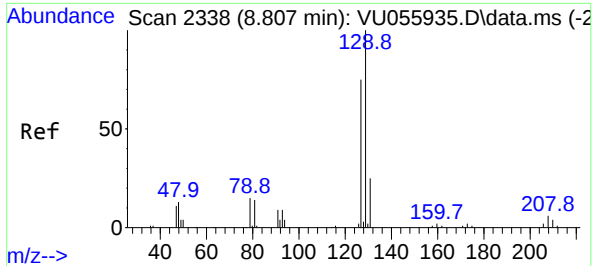


#48
2-Hexanone
Concen: 2.404 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055944.D
Acq: 28 Oct 2023 00:53

Tgt Ion: 43 Resp: 19034

Ion	Ratio	Lower	Upper
43	100		
58	45.0	49.5	74.3#
57	2.3	16.9	25.3#
100	10.3	9.7	14.5

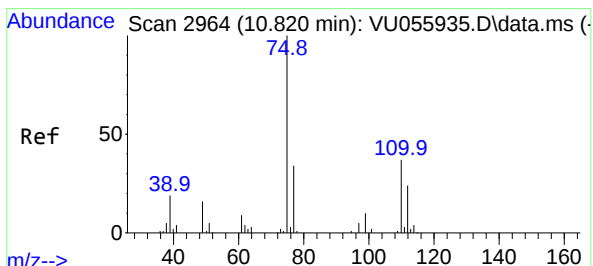
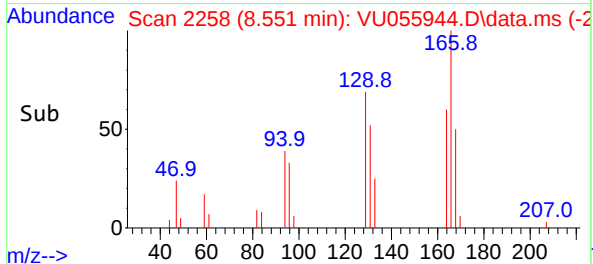
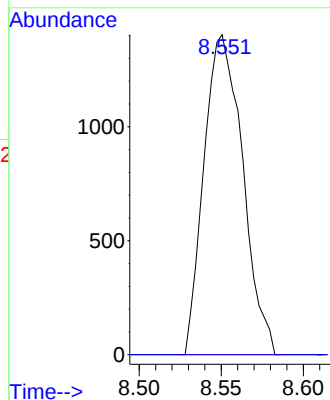
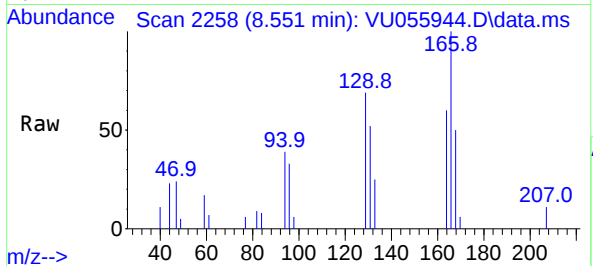




#49
Dibromochloromethane
Concen: 0.143 ug/L
RT: 8.551 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU055944.D
Acq: 28 Oct 2023 00:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 2302
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#



#61
1,2,3-Trichloropropane
Concen: 1.726 ug/L
RT: 11.808 min Scan# 3271
Delta R.T. 0.991 min
Lab File: VU055944.D
Acq: 28 Oct 2023 00:53

Tgt Ion: 75 Resp: 19027
Ion Ratio Lower Upper
75 100
110 2.5 29.0 43.6#
77 34.7 24.5 36.7

