

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
 Data File : VV036530.D
 Acq On : 15 Jul 2024 16:09
 Operator : SY/MD
 Sample : P3215-19
 Misc : 5.76g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 16 01:29:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 01:25:30 2024
 Response via : Initial Calibration

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

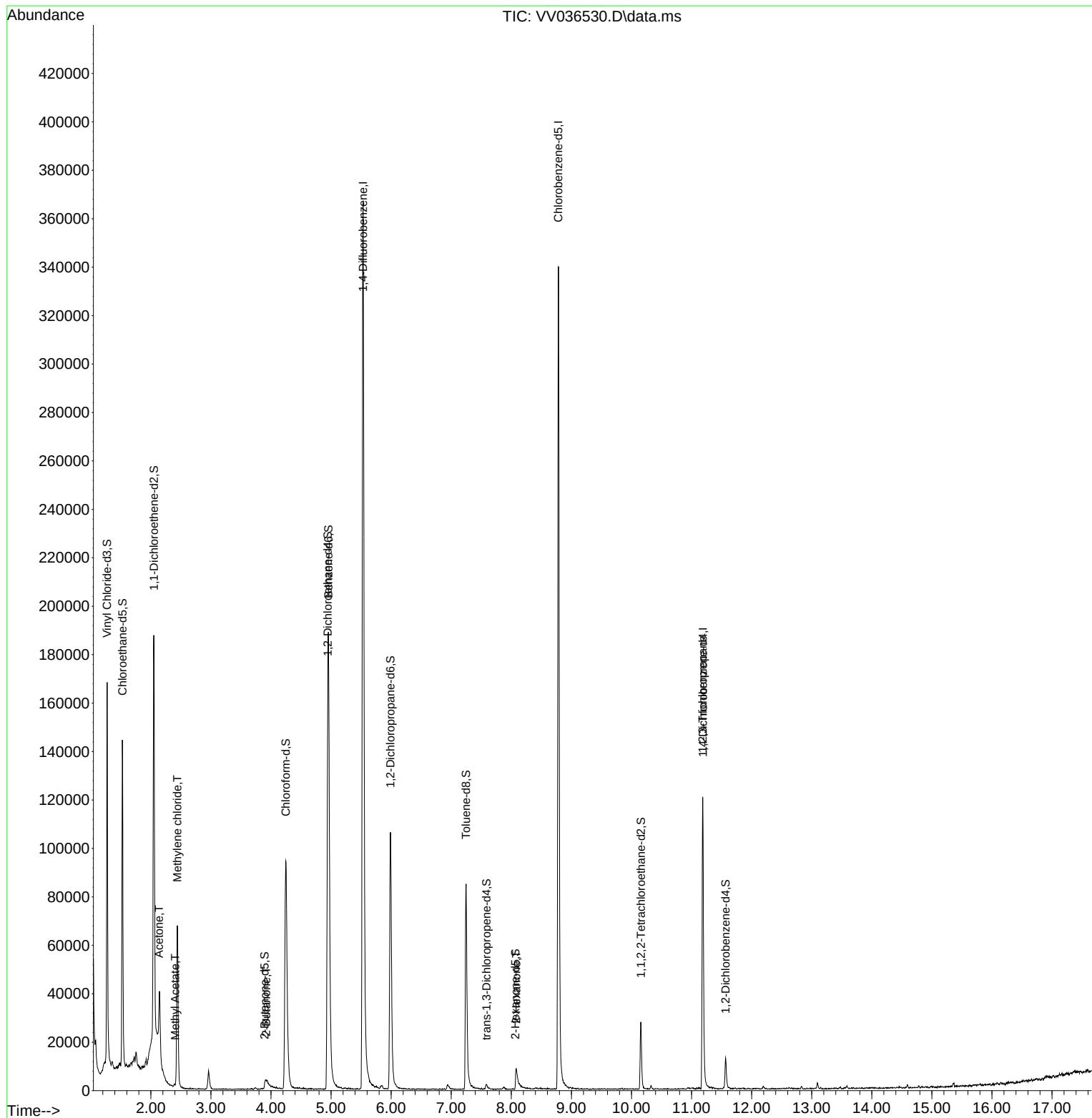
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	341602	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	207410	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	35894	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	99252	20.280	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.120%
7) Chloroethane-d5	1.526	69	86523	20.221	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.880%
11) 1,1-Dichloroethene-d2	2.050	65	26405	10.507	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.040%#
21) 2-Butanone-d5	3.892	46	238	0.284	ug/L	0.05
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.560%#
24) Chloroform-d	4.246	84	106769	10.738	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	42.960%
26) 1,2-Dichloroethane-d4	4.944	65	59645	12.094	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	48.360%#
32) Benzene-d6	4.957	84	164353	15.884	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	63.520%
36) 1,2-Dichloropropane-d6	5.989	67	52242	16.941	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	67.760%#
41) Toluene-d8	7.246	98	64192	6.724	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	26.880%#
43) trans-1,3-Dichloroprop...	7.587	79	1553	1.211	ug/L	0.04
Spiked Amount	25.000	Range	30 - 135	Recovery	=	4.840%#
47) 2-Hexanone-d5	8.066	63	107	0.312	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.620%#
56) 1,1,2,2-Tetrachloroeth...	10.156	84	14125	5.439	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	21.760%#
66) 1,2-Dichlorobenzene-d4	11.567	152	3915	3.214	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	12.840%#
Target Compounds						
					Qvalue	
13) Acetone	2.137	43	9968	8.417	ug/L	65
15) Methyl Acetate	2.407	43	1316	0.822	ug/L	89
16) Methylene chloride	2.439	84	31049	4.421	ug/L	96
22) 2-Butanone	3.921	43	4292	4.317	ug/L #	74
48) 2-Hexanone	8.082	43	7605	8.709	ug/L #	43
61) 1,2,3-Trichloropropane	11.185	75	3745	5.864	ug/L #	54

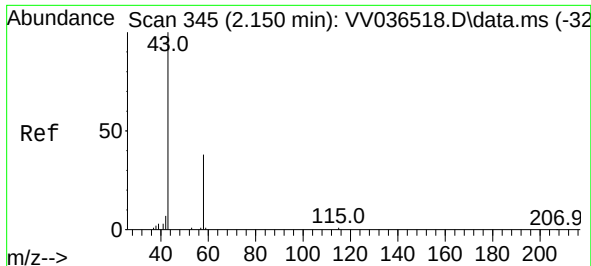
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jul 16 01:25:30 2024
Response via : Initial Calibration





#13

Acetone

Concen: 8.417 ug/L

RT: 2.137 min Scan# 341

Delta R.T. -0.013 min

Lab File: VV036530.D

Acq: 15 Jul 2024 16:09

Instrument :

MSVOA_V

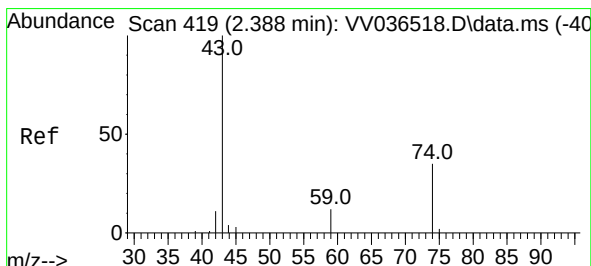
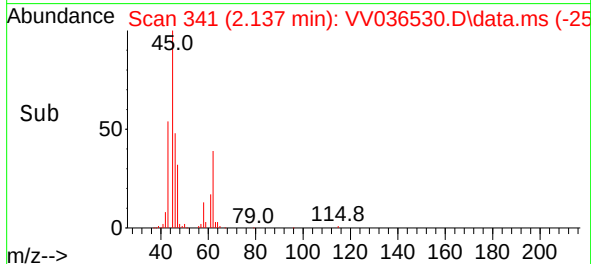
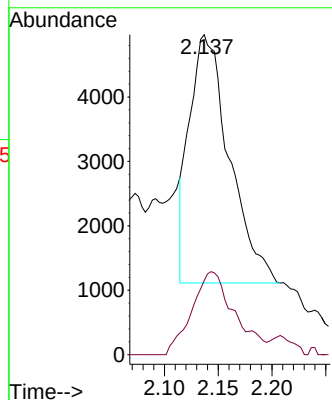
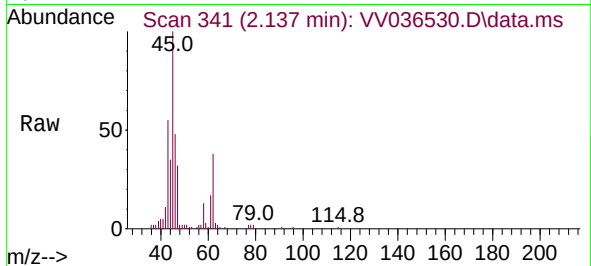
ClientSampleId :

Tgt Ion: 43 Resp: 9968

Ion Ratio Lower Upper

43 100

58 28.3 0.0 28.4



#15

Methyl Acetate

Concen: 0.822 ug/L

RT: 2.407 min Scan# 425

Delta R.T. 0.019 min

Lab File: VV036530.D

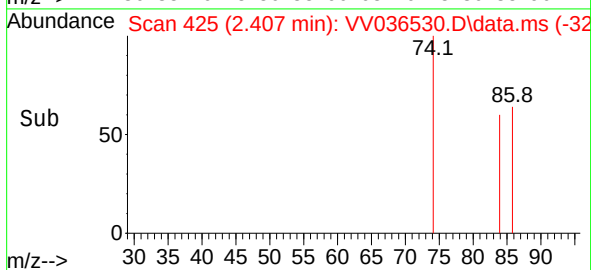
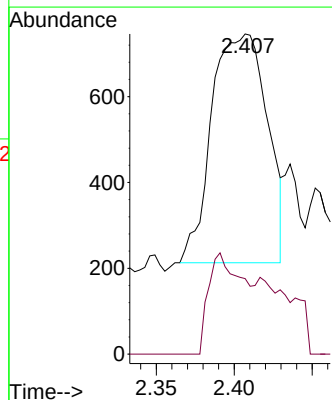
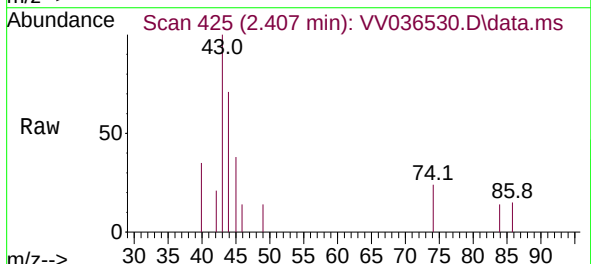
Acq: 15 Jul 2024 16:09

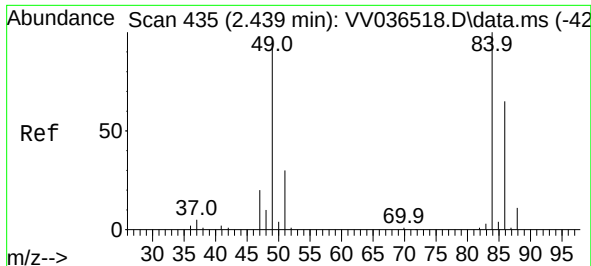
Tgt Ion: 43 Resp: 1316

Ion Ratio Lower Upper

43 100

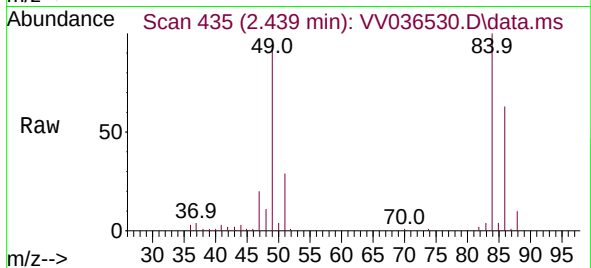
74 26.8 26.3 39.5



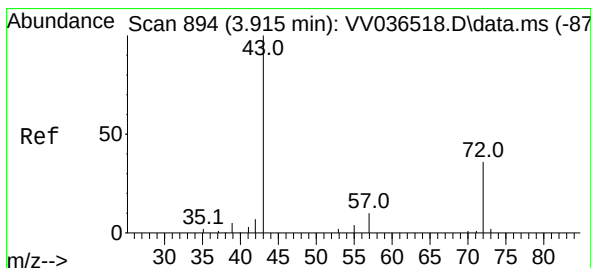
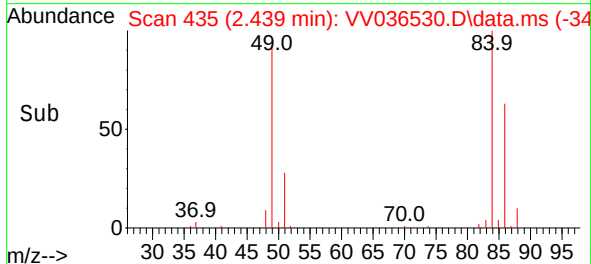
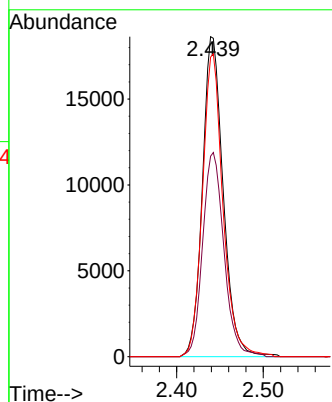


#16
Methylene chloride
Concen: 4.421 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV036530.D
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Instrument :
MSVOA_V
ClientSampleId :

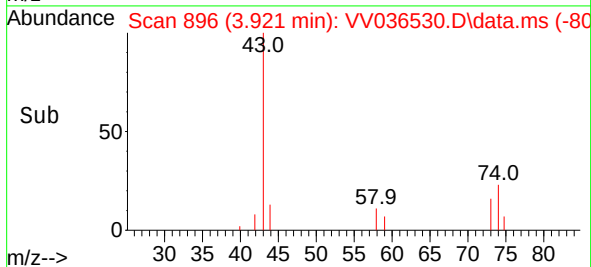
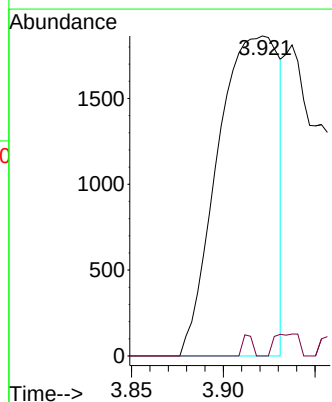
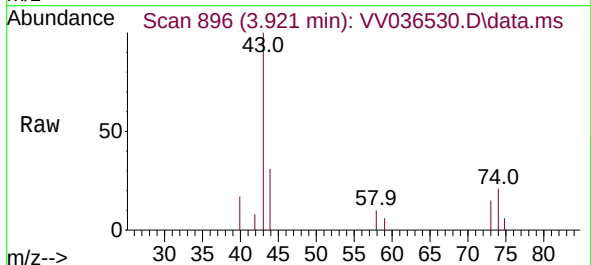


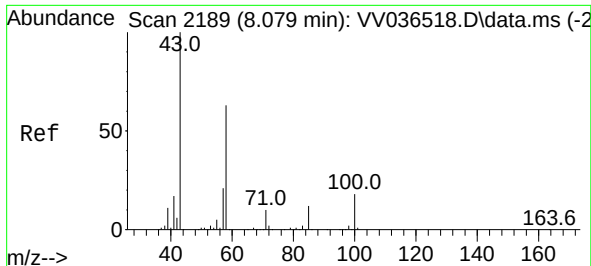
Tgt Ion: 84 Resp: 31049
Ion Ratio Lower Upper
84 100
86 62.7 46.3 86.1
49 93.6 68.1 126.5



#22
2-Butanone
Concen: 4.317 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.006 min
Lab File: VV036530.D
Acq: 15 Jul 2024 16:09

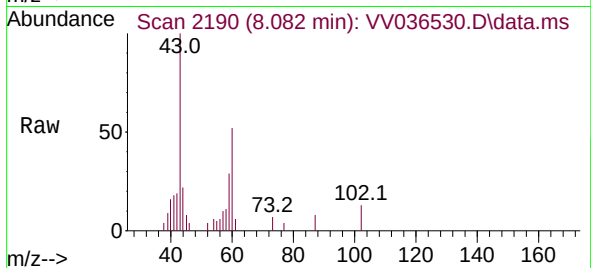
Tgt Ion: 43 Resp: 4292
Ion Ratio Lower Upper
43 100
72 1.6 5.9 17.6#



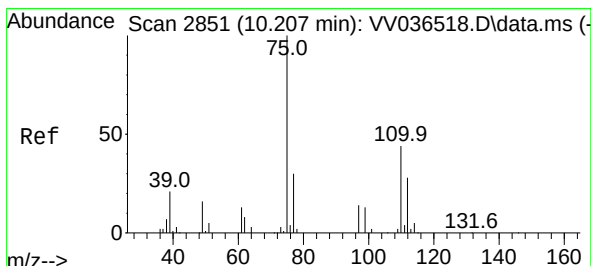
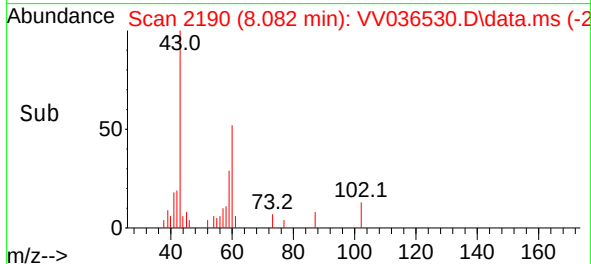
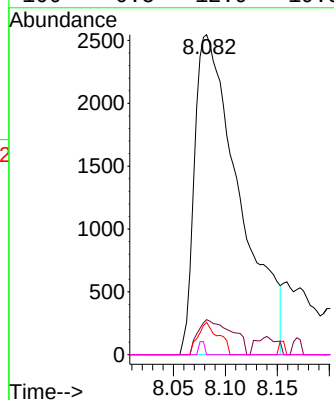


#48
2-Hexanone
Concen: 8.709 ug/L
RT: 8.082 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV036530.D
Acq: 15 Jul 2024 16:09

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43	Resp: 7605
Ion Ratio	Lower Upper
43	100
58	7.5 49.5 74.3#
57	4.6 15.3 22.9#
100	0.5 12.9 19.3#



#61
1,2,3-Trichloropropane
Concen: 5.864 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.977 min
Lab File: VV036530.D
Acq: 15 Jul 2024 16:09

Tgt Ion: 75	Resp: 3745
Ion Ratio	Lower Upper
75	100
77	41.1 25.6 38.4#
110	0.0 34.8 52.2#

