

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
 Data File : VU052731.D
 Acq On : 17 Jan 2023 19:12
 Operator : JC/MD
 Sample : 01168-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 01:20:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 18 01:16:13 2023
 Response via : Initial Calibration

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

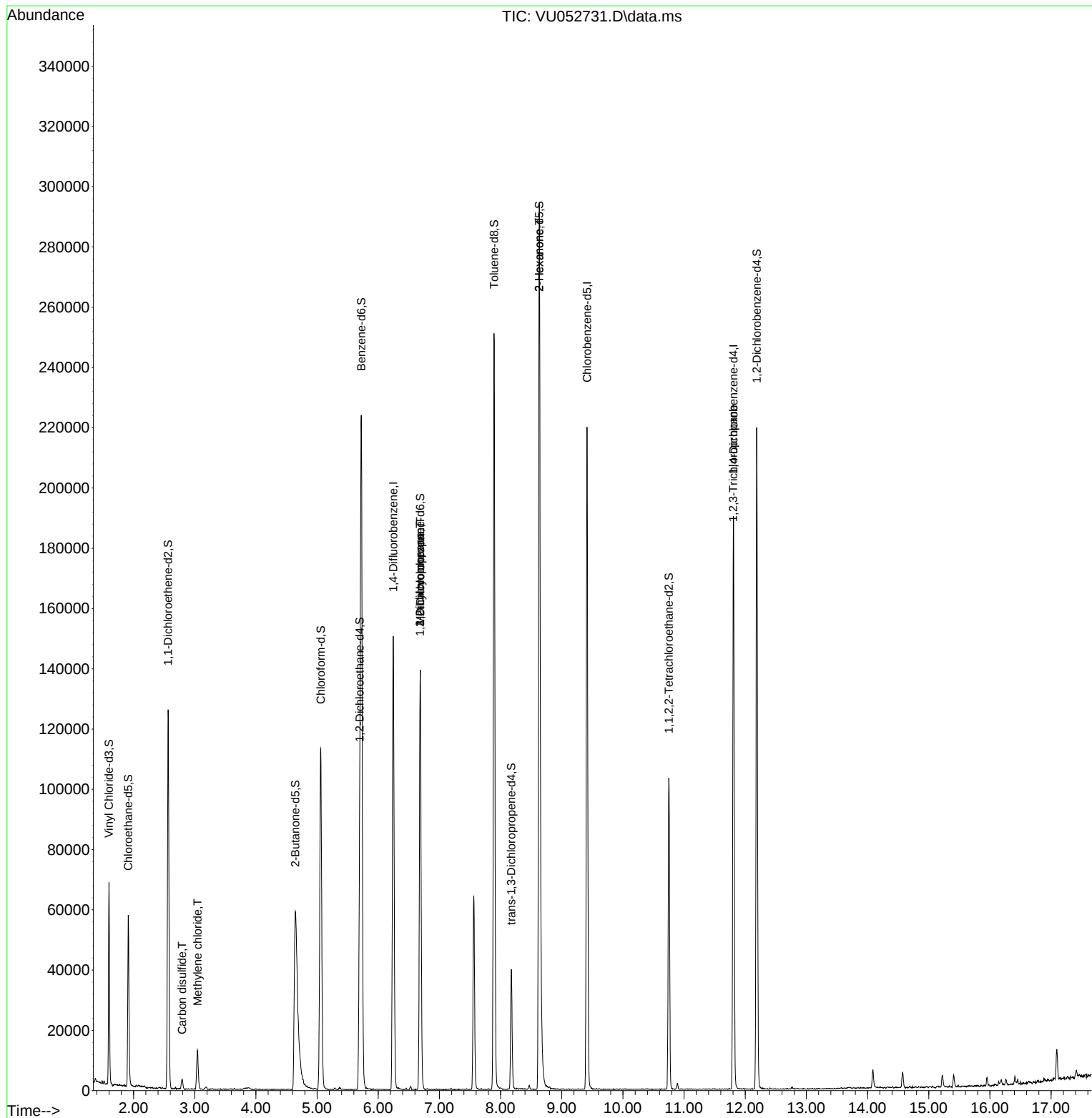
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	124489	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	122554	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	53359	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48768	4.459	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.912	69	44470	4.991	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.565	65	24663	5.121	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.400%
20) 2-Butanone-d5	4.645	46	144545	49.429	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.860%
24) Chloroform-d	5.060	84	108191	5.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.697	65	56799	5.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	5.722	84	213912	5.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
36) 1,2-Dichloropropane-d6	6.687	67	66971	5.059	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.893	98	168755	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	8.176	79	23500	4.774	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.632	63	101878	49.822	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.640%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	50734	5.006	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	58677	6.041	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.800%#
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.793	76	4762	0.128	ug/L #	92
16) Methylene chloride	3.044	84	6630	0.462	ug/L	85
35) Methylcyclohexane	6.687	83	15725	0.830	ug/L #	16
37) 1,2-Dichloropropane	6.684	63	7237	0.556	ug/L #	89
48) 2-Hexanone	8.632	43	15925	2.921	ug/L #	77
61) 1,2,3-Trichloropropane	11.803	75	6693	1.079	ug/L #	69

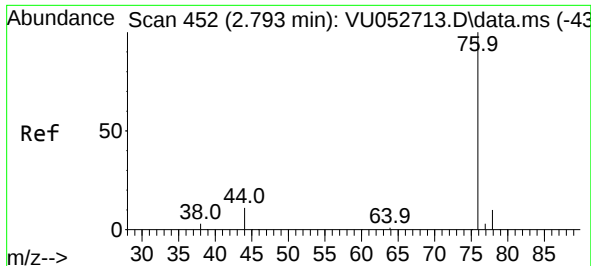
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.128 ug/L

RT: 2.793 min Scan# 4

Delta R.T. -0.000 min

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Instrument :

MSVOA_U

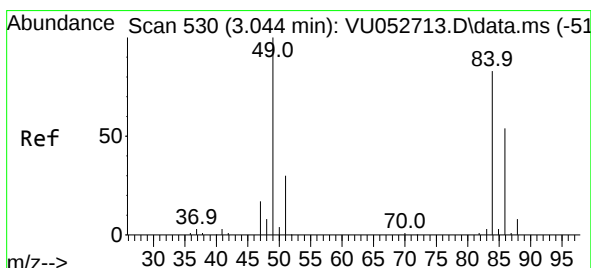
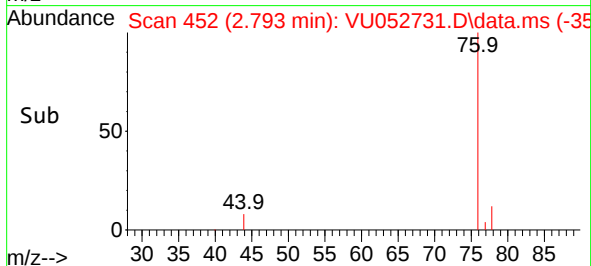
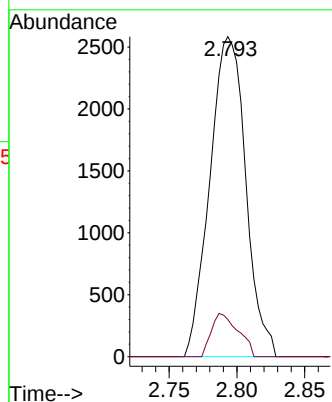
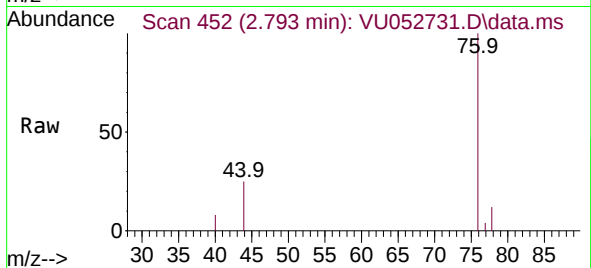
ClientSampleId :

Tgt Ion: 76 Resp: 4762

Ion Ratio Lower Upper

76 100

78 11.6 7.0 10.6#



#16

Methylene chloride

Concen: 0.462 ug/L

RT: 3.044 min Scan# 530

Delta R.T. -0.000 min

Lab File: VU052731.D

Acq: 17 Jan 2023 19:12

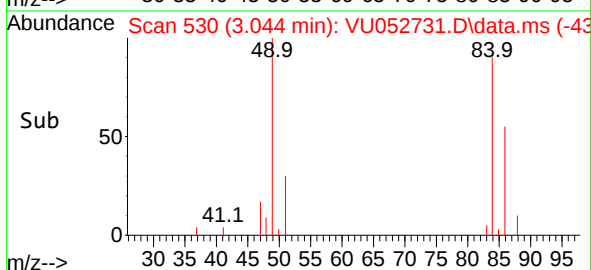
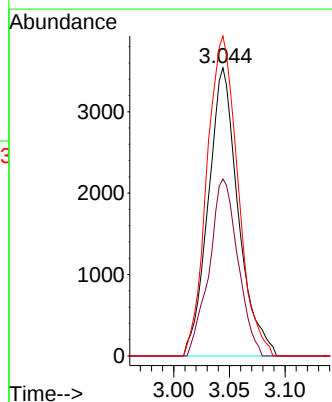
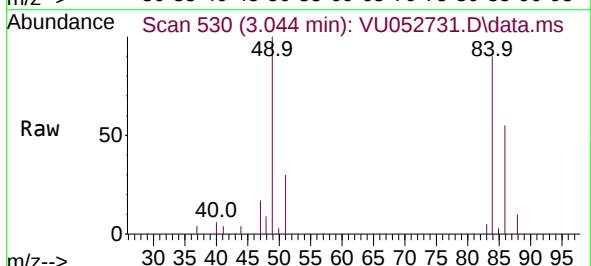
Tgt Ion: 84 Resp: 6630

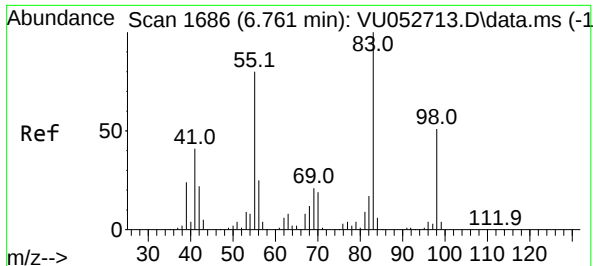
Ion Ratio Lower Upper

84 100

86 61.4 45.6 84.6

49 111.1 94.8 176.0





#35

Methylcyclohexane

Concen: 0.830 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

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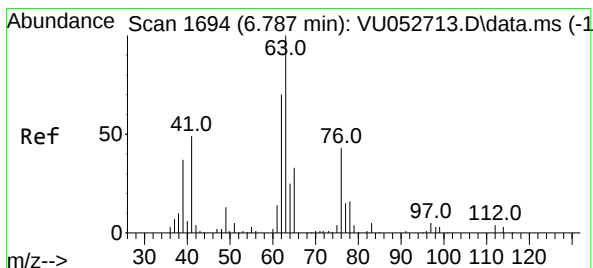
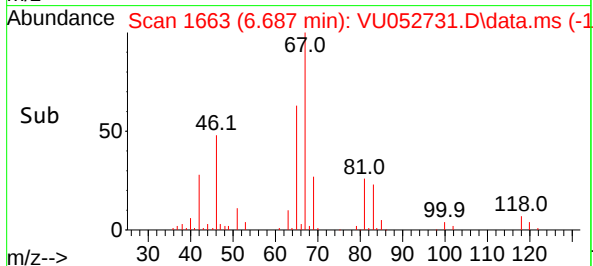
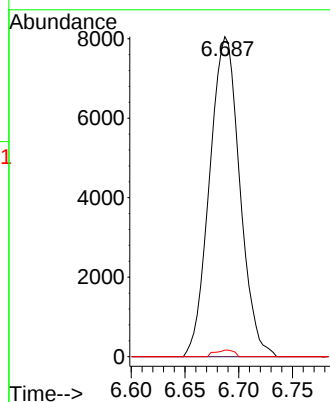
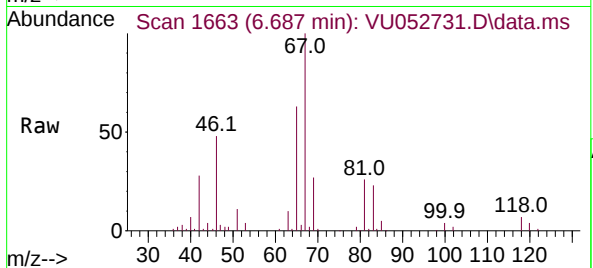
Acq: 17 Jan 2023 19:12

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	15725
Ion Ratio	Lower	Upper	
83	100		
55	0.0	67.6	101.4#
98	1.3	37.1	55.7#



#37

1,2-Dichloropropane

Concen: 0.556 ug/L

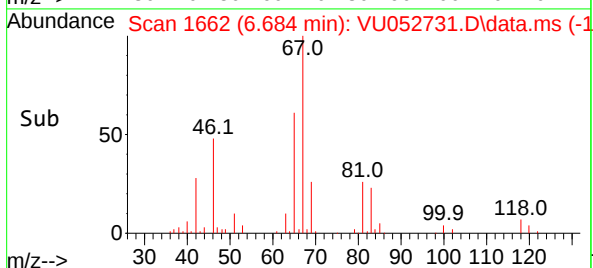
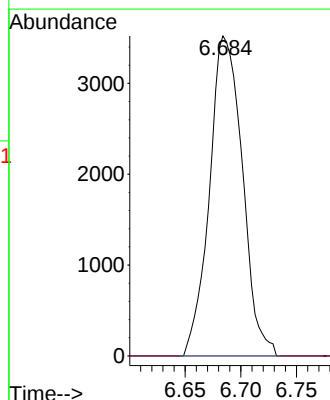
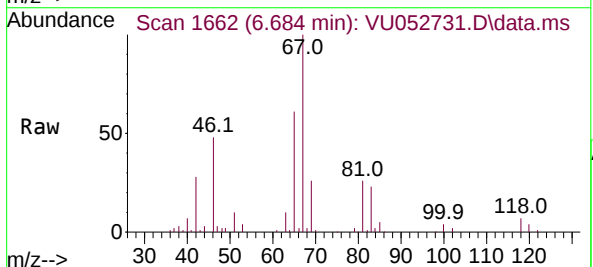
RT: 6.684 min Scan# 1662

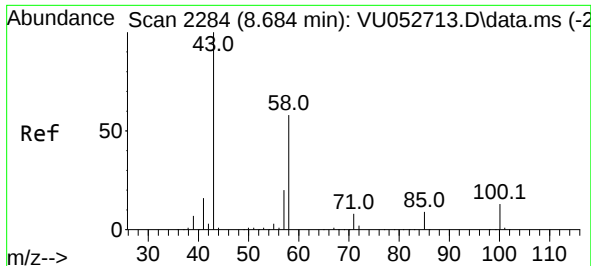
Delta R.T. -0.103 min

Lab File: VU052731.D

Acq: 17 Jan 2023 19:12

Tgt Ion:	63	Resp:	7237
Ion Ratio	Lower	Upper	
63	100		
112	0.0	2.9	4.3#





#48

2-Hexanone

Concen: 2.921 ug/L

RT: 8.632 min Scan# 21

Delta R.T. -0.052 min

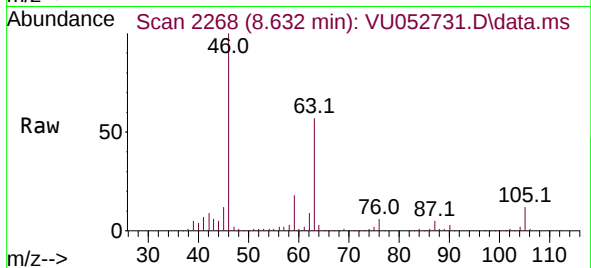
Lab File: VU052731.D

Acq: 17 Jan 2023 19:12

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 15925

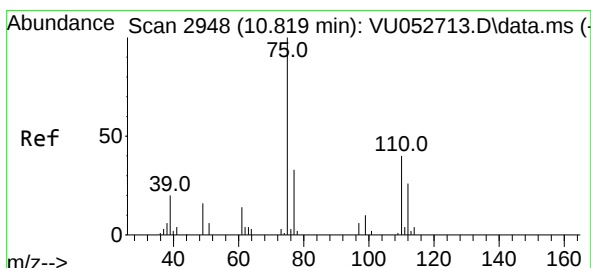
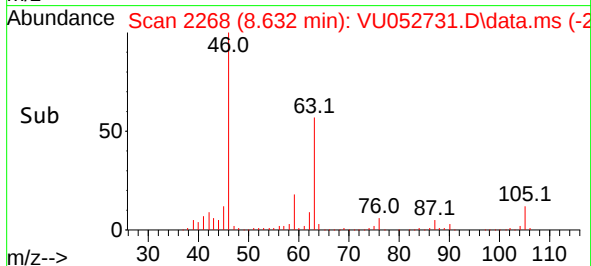
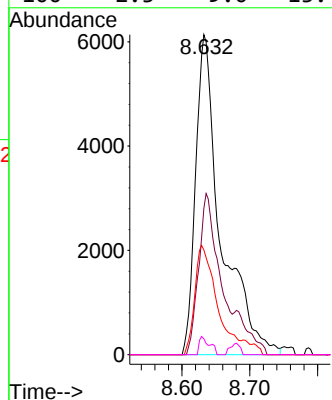
Ion Ratio Lower Upper

43 100

58 40.0 45.1 67.7#

57 29.7 15.1 22.7#

100 2.3 9.0 13.4#



#61

1,2,3-Trichloropropane

Concen: 1.079 ug/L

RT: 11.803 min Scan# 3254

Delta R.T. 0.984 min

Lab File: VU052731.D

Acq: 17 Jan 2023 19:12

Tgt Ion: 75 Resp: 6693

Ion Ratio Lower Upper

75 100

110 0.3 27.2 40.8#

77 29.9 24.0 36.0

