

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
 Data File : VU061070.D
 Acq On : 02 Oct 2024 12:47
 Operator : MD/SY
 Sample : P4227-04 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-9D(20240926)

Quant Time: Oct 03 06:29:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 03 06:26:52 2024
 Response via : Initial Calibration

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

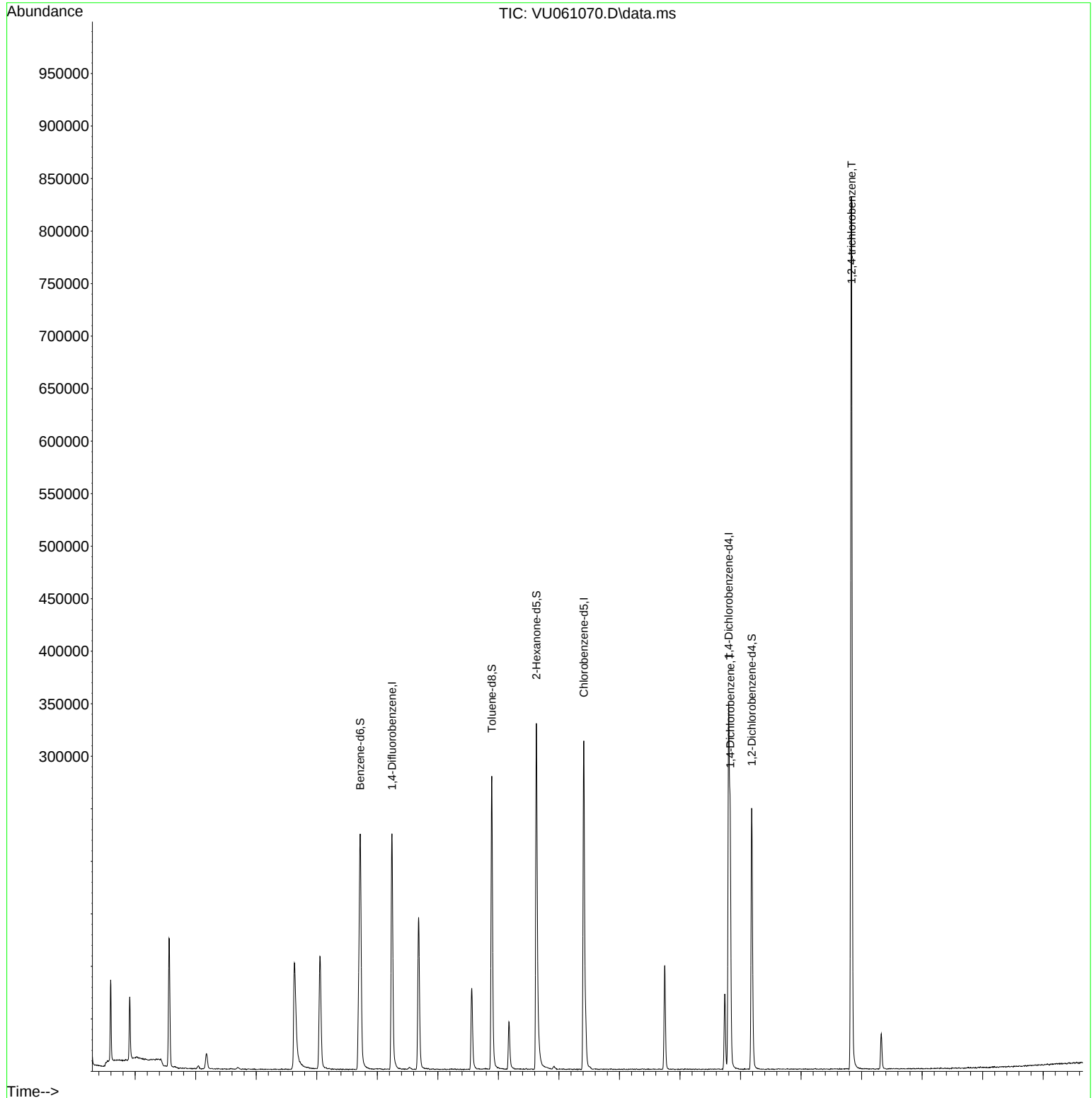
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	184814	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	174045	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82502	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53538	4.052	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.911	69	42673	4.315	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.563	65	24112	4.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.631	46	147472	46.594	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.180%
24) Chloroform-d	5.055	84	101590	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.695	65	56804	4.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.717	84	208440	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.682	67	70047	4.648	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.891	98	189772	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.174	79	28180	4.373	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.627	63	123777	46.407	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.820%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50604	4.579	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	62524	4.740	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
51) Chlorobenzene	9.444	112	19827	0.596	ug/L	91
64) 1,3-Dichlorobenzene	11.740	146	26998	1.141	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	86081	3.682	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	6400	0.293	ug/L	92
70) 1,2,4-trichlorobenzene	13.833	180	238114	18.659	ug/L	96
72) 1,2,3-Trichlorobenzene	14.325	180	10366	0.976	ug/L	96

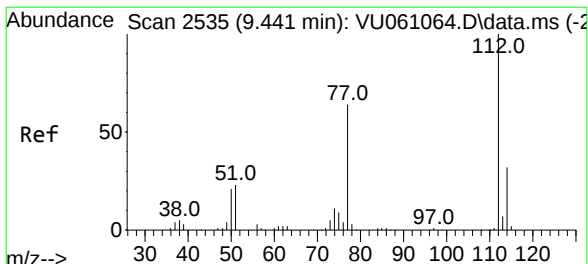
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 03 06:26:52 2024
Response via : Initial Calibration

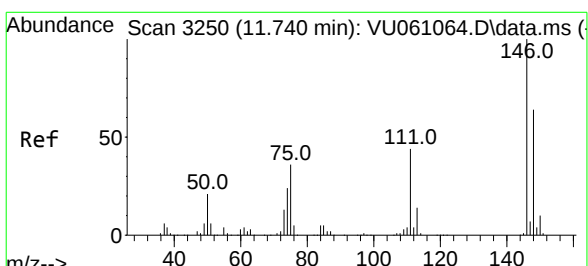
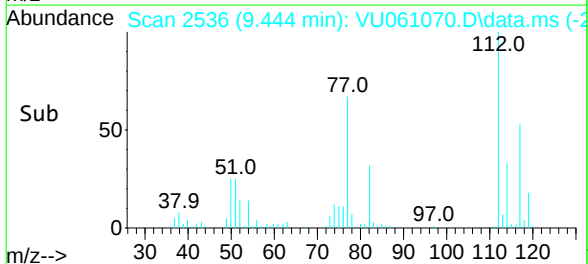
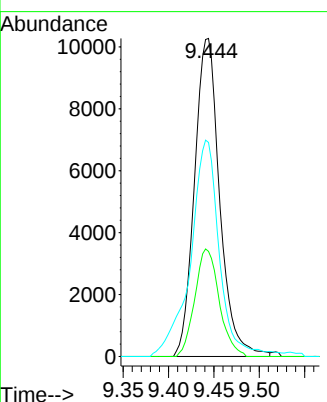
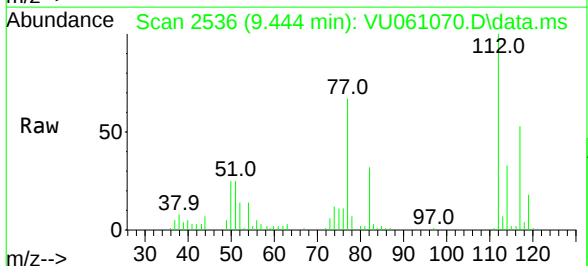




#51
Chlorobenzene
Concen: 0.596 ug/L
RT: 9.444 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU061070.D
Acq: 02 Oct 2024 12:47

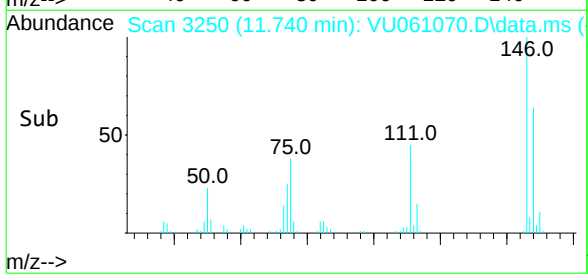
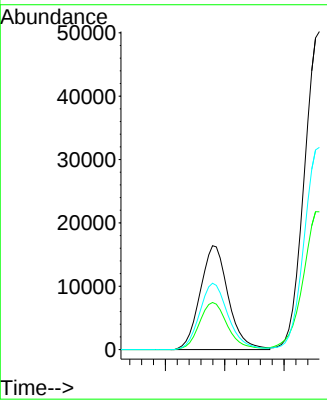
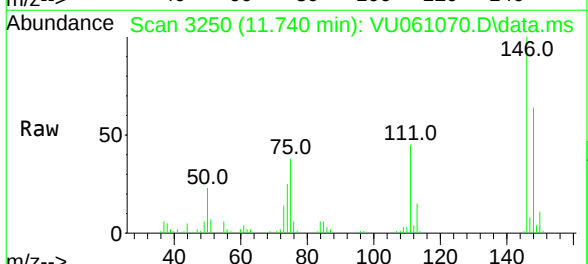
Instrument : MSVOA_U
ClientSampleId : PMW-9D(20240926)

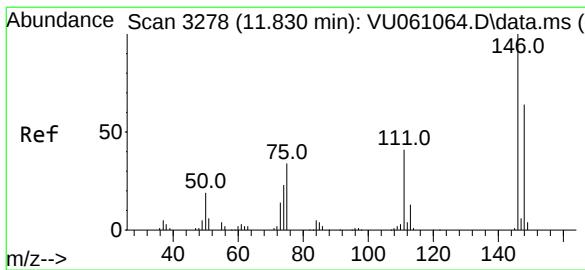
Tgt Ion:	112	Resp:	19827
Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.2	41.2
77	67.3	46.1	69.1



#64
1,3-Dichlorobenzene
Concen: 1.141 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU061070.D
Acq: 02 Oct 2024 12:47

Tgt Ion:	146	Resp:	26998
Ion	Ratio	Lower	Upper
146	100		
111	45.3	27.5	51.1
148	63.8	43.7	81.1





#65

1,4-Dichlorobenzene

Concen: 3.682 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU061070.D

Acq: 02 Oct 2024 12:47

Instrument :

MSVOA_U

ClientSampleId :

PMW-9D(20240926)

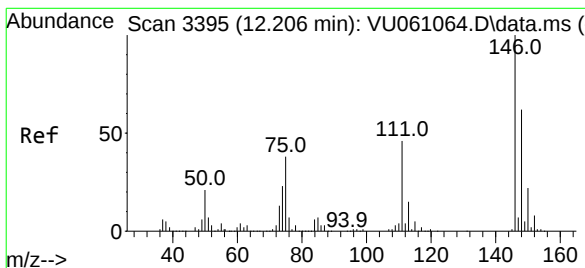
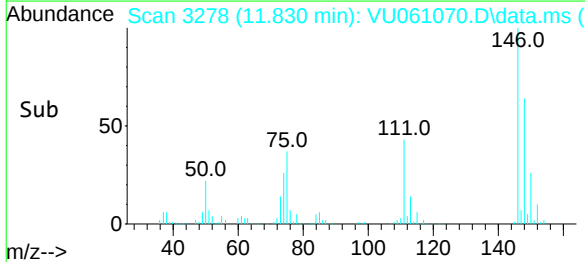
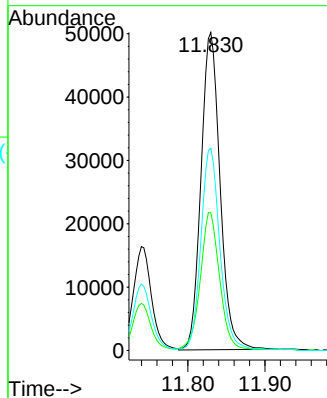
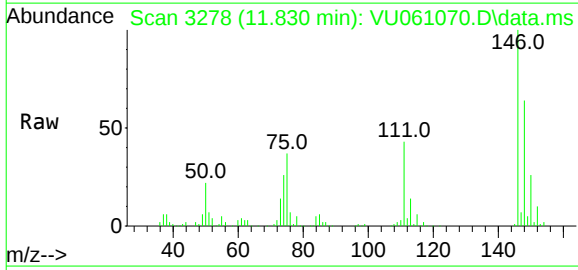
Tgt Ion:146 Resp: 86081

Ion Ratio Lower Upper

146 100

111 43.3 26.3 48.9

148 63.6 45.3 84.1



#67

1,2-Dichlorobenzene

Concen: 0.293 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU061070.D

Acq: 02 Oct 2024 12:47

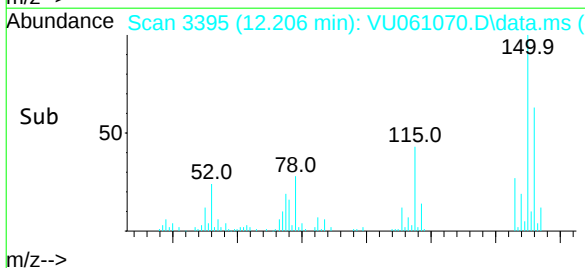
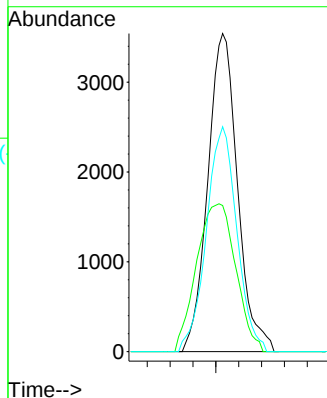
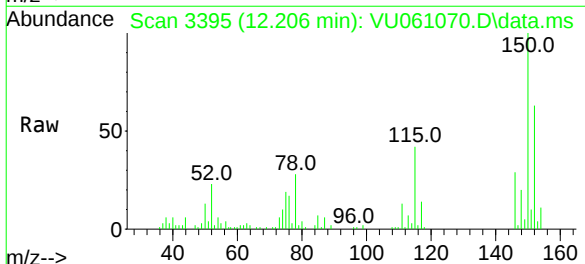
Tgt Ion:146 Resp: 6400

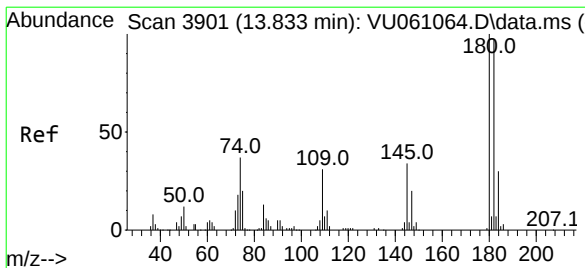
Ion Ratio Lower Upper

146 100

111 45.9 33.4 50.0

148 70.7 50.9 76.3





#70

1,2,4-trichlorobenzene

Concen: 18.659 ug/L

RT: 13.833 min Scan# 39

Delta R.T. -0.000 min

Lab File: VU061070.D

Acq: 02 Oct 2024 12:47

Instrument :

MSVOA_U

ClientSampleId :

PMW-9D(20240926)

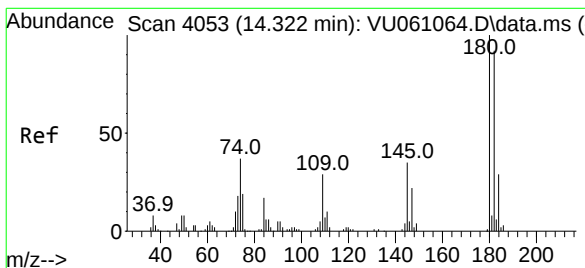
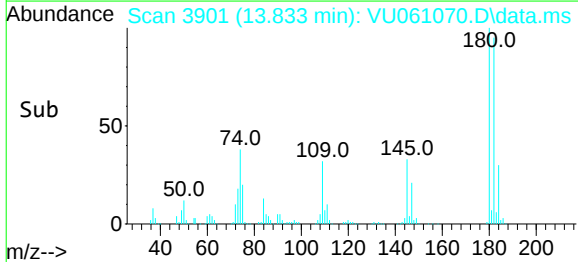
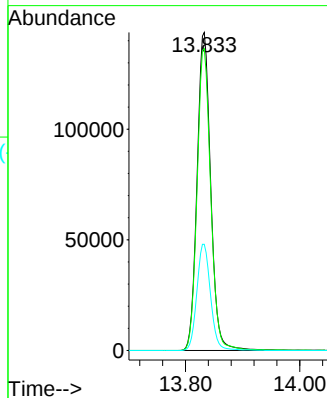
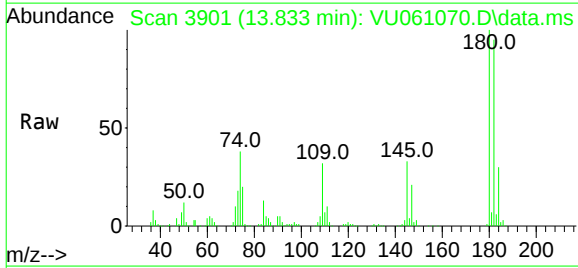
Tgt Ion:180 Resp: 238114

Ion Ratio Lower Upper

180 100

182 94.8 77.4 116.2

145 33.5 22.9 34.3



#72

1,2,3-Trichlorobenzene

Concen: 0.976 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU061070.D

Acq: 02 Oct 2024 12:47

Tgt Ion:180 Resp: 10366

Ion Ratio Lower Upper

180 100

182 91.1 75.7 113.5

145 33.2 23.5 35.3

