

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041123\
 Data File : VU053630.D
 Acq On : 11 Apr 2023 13:12
 Operator : JC/MD
 Sample : 02251-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMD1

Quant Time: Apr 12 02:23:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 12 02:22:37 2023
 Response via : Initial Calibration

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

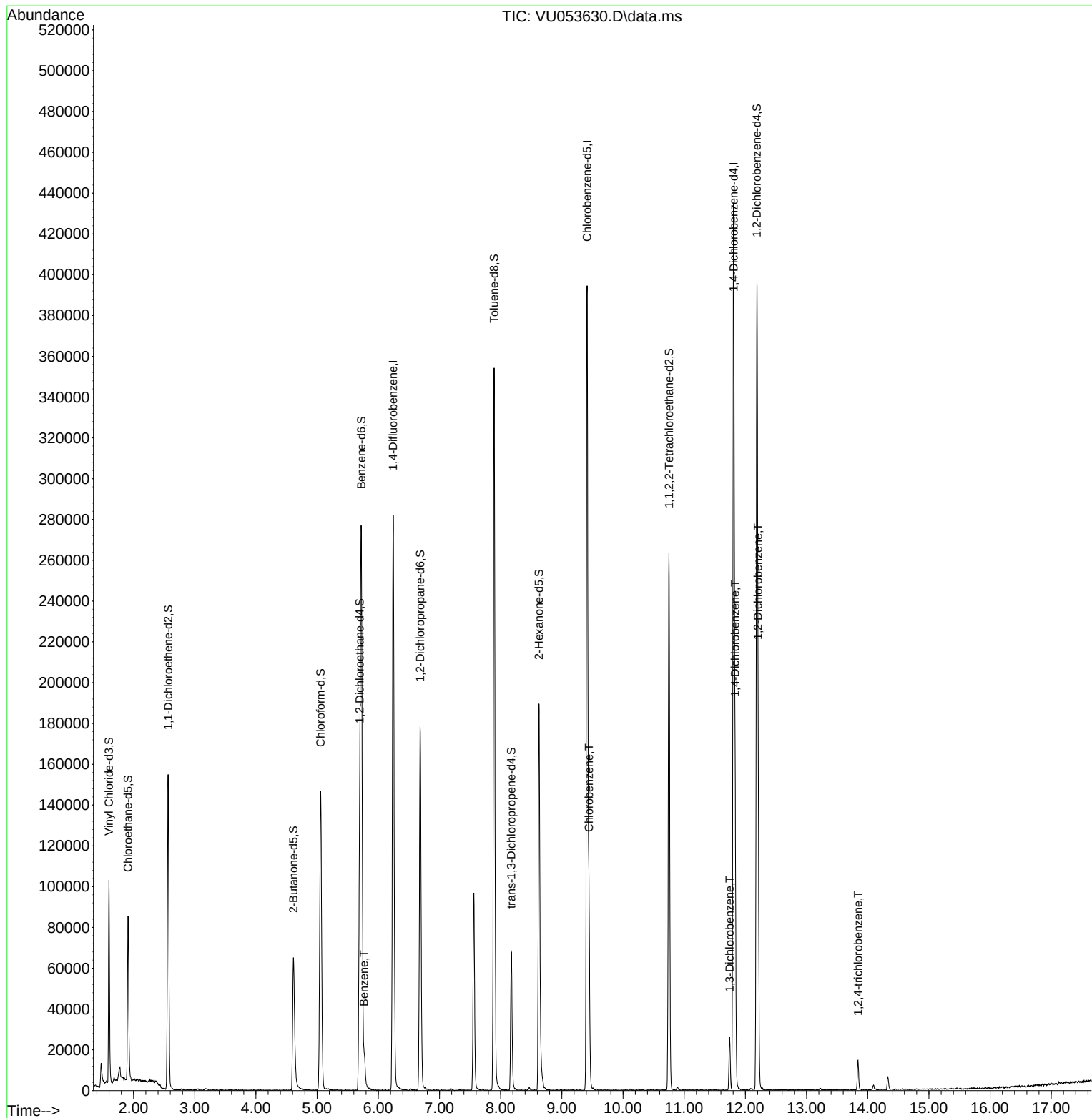
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	242199	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	226328	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	114235	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	72209	38.289	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	76.580%	
7) Chloroethane-d5	1.909	69	63724	43.824	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	87.640%	
11) 1,1-Dichloroethene-d2	2.565	63	87175	29.861	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	59.720%#	
21) 2-Butanone-d5	4.613	46	90399	105.871	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	105.870%	
24) Chloroform-d	5.057	84	134964	43.272	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.540%	
26) 1,2-Dichloroethane-d4	5.697	65	85501	46.392	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.780%	
32) Benzene-d6	5.723	84	268893	44.014	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.020%	
36) 1,2-Dichloropropane-d6	6.684	67	86563	46.357	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	92.720%	
41) Toluene-d8	7.893	98	246731	40.634	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	81.260%	
43) trans-1,3-Dichloroprop...	8.173	79	40368	41.880	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	83.760%	
47) 2-Hexanone-d5	8.626	63	67892	106.533	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	106.530%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	127192	48.328	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	96.660%	
66) 1,2-Dichlorobenzene-d4	12.189	152	101601	42.609	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	85.220%	
Target Compounds						
					Qvalue	
33) Benzene	5.768	78	14221	2.412	ug/L	100
51) Chlorobenzene	9.443	112	49818	10.820	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	11098	3.145	ug/L	90
65) 1,4-Dichlorobenzene	11.832	146	57741	16.053	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	51115	14.533	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	4998	2.063	ug/L	98

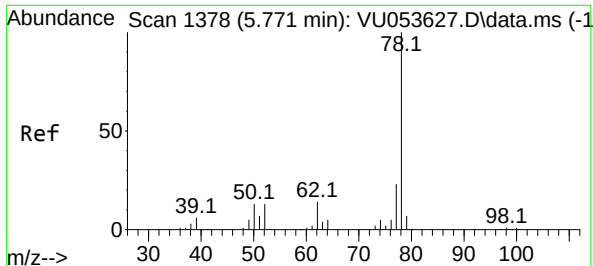
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Apr 12 02:22:37 2023
Response via : Initial Calibration





#33

Benzene

Concen: 2.412 ug/L

RT: 5.768 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU053630.D

Acq: 11 Apr 2023 13:12

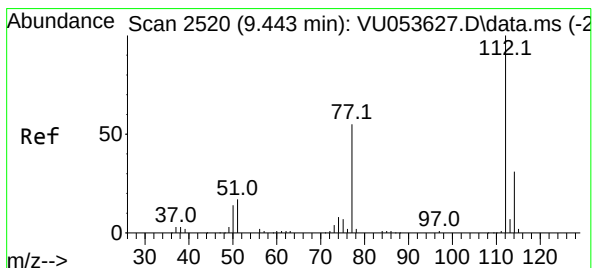
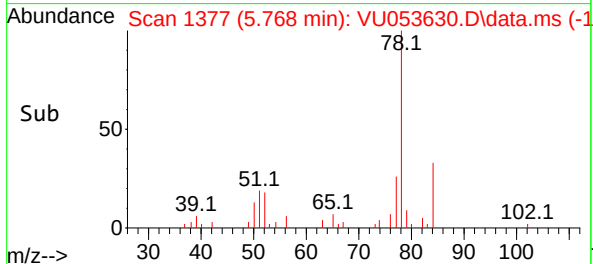
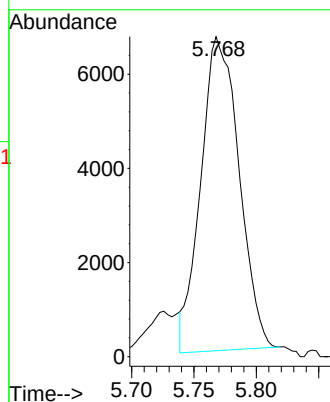
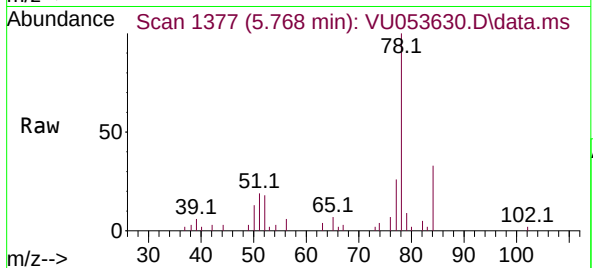
Instrument :

MSVOA_U

ClientSampleId :

COMD1

Tgt Ion: 78 Resp: 14221



#51

Chlorobenzene

Concen: 10.820 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. -0.000 min

Lab File: VU053630.D

Acq: 11 Apr 2023 13:12

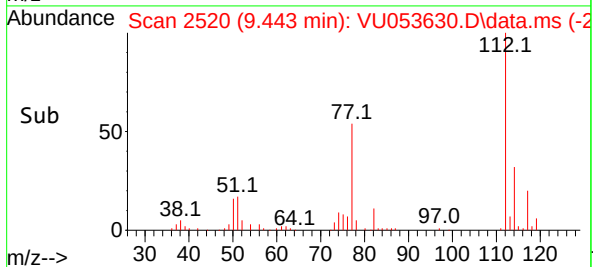
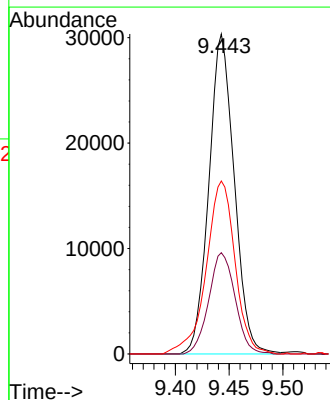
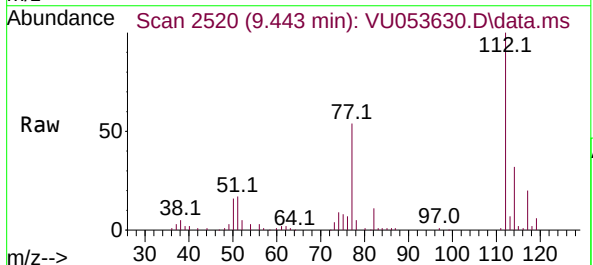
Tgt Ion: 112 Resp: 49818

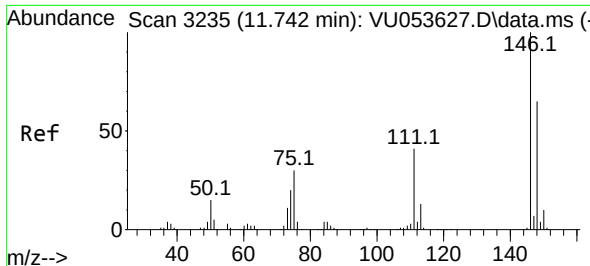
Ion Ratio Lower Upper

112 100

114 31.6 22.2 41.2

77 54.1 41.3 61.9

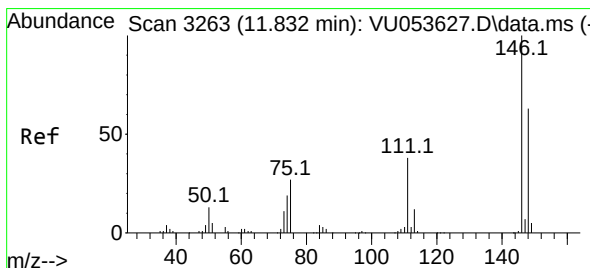
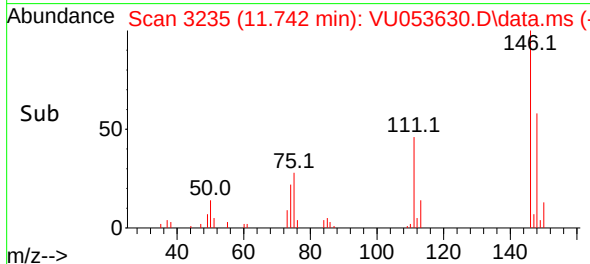
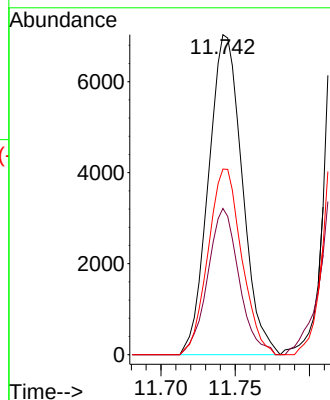
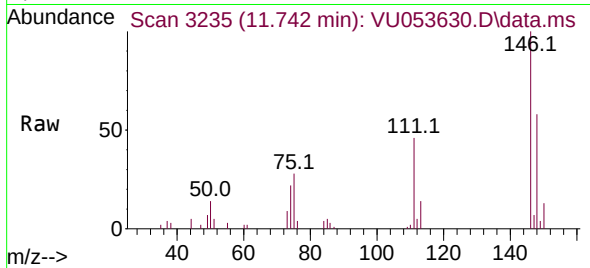




#64
1,3-Dichlorobenzene
Concen: 3.145 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053630.D
Acq: 11 Apr 2023 13:12

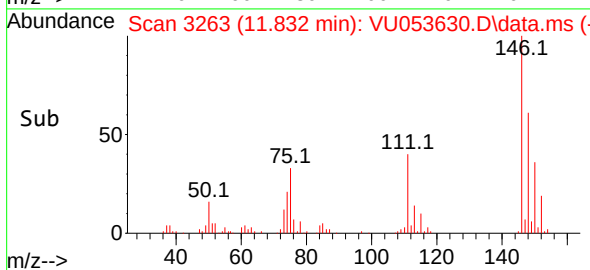
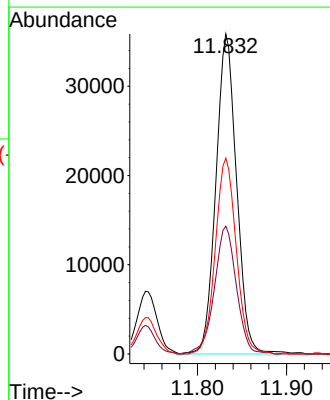
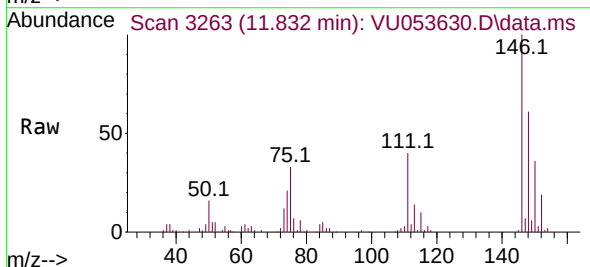
Instrument :
MSVOA_U
ClientSampleId :
COMD1

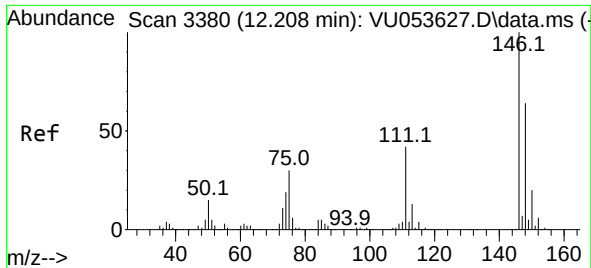
Tgt Ion:146 Resp: 11098
Ion Ratio Lower Upper
146 100
111 45.7 25.7 47.7
148 58.0 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 16.053 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU053630.D
Acq: 11 Apr 2023 13:12

Tgt Ion:146 Resp: 57741
Ion Ratio Lower Upper
146 100
111 39.9 25.1 46.5
148 61.2 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 14.533 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053630.D

Acq: 11 Apr 2023 13:12

Instrument :

MSVOA_U

ClientSampleId :

COMD1

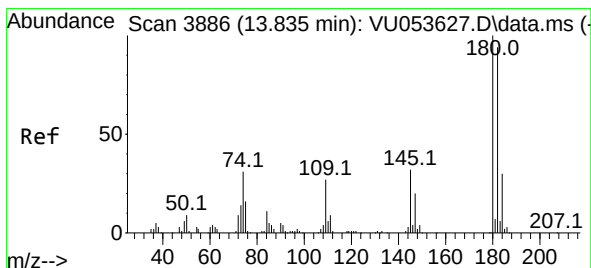
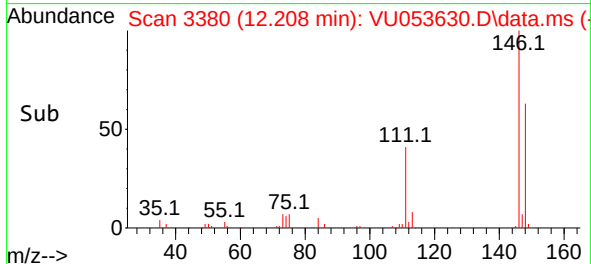
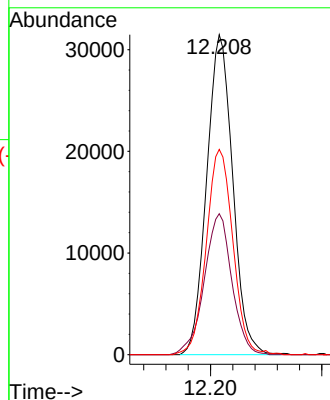
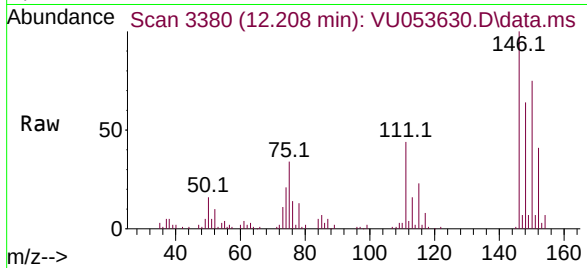
Tgt Ion:146 Resp: 51115

Ion Ratio Lower Upper

146 100

111 44.1 31.5 47.3

148 64.2 51.6 77.4



#70

1,2,4-trichlorobenzene

Concen: 2.063 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.006 min

Lab File: VU053630.D

Acq: 11 Apr 2023 13:12

Tgt Ion:180 Resp: 4998

Ion Ratio Lower Upper

180 100

182 95.8 75.8 113.8

145 32.8 23.4 35.2

