

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121423\
 Data File : VD077884.D
 Acq On : 14 Dec 2023 15:36
 Operator : RP/MD
 Sample : 05788-12
 Misc : 5.40G/10ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 15 07:13:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

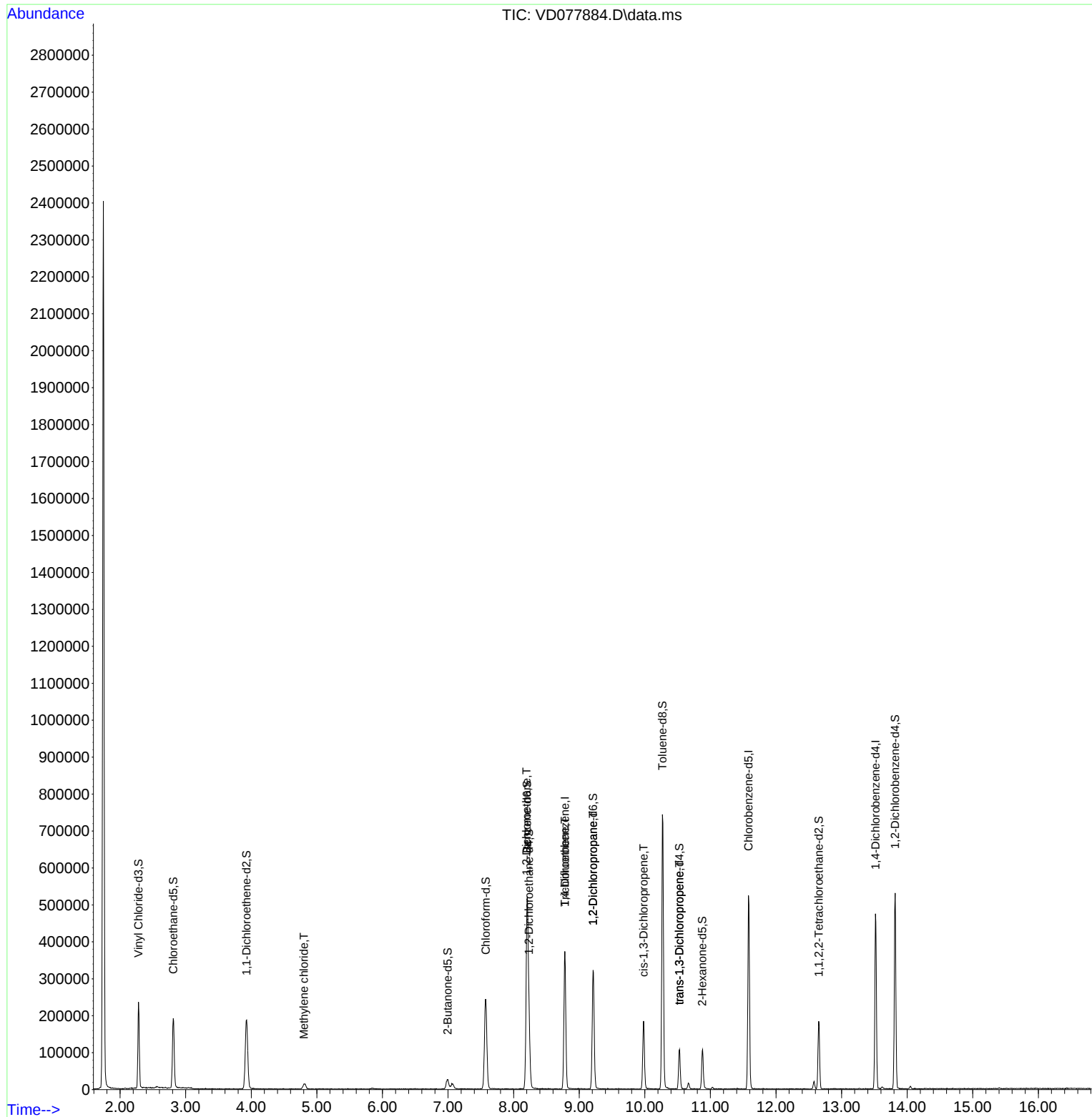
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	327551	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	307166	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	130080	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	218470	24.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.840%
7) Chloroethane-d5	2.811	69	201384	28.285	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.160%
11) 1,1-Dichloroethene-d2	3.928	65	55263	23.861	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.440%
21) 2-Butanone-d5	6.993	46	45542	40.341	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.680%
24) Chloroform-d	7.575	84	259985	29.450	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.800%
26) 1,2-Dichloroethane-d4	8.234	65	122981	27.495	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.960%
32) Benzene-d6	8.205	84	559792	30.260	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.040%
36) 1,2-Dichloropropane-d6	9.210	67	165680	29.352	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.400%
41) Toluene-d8	10.269	98	515224	30.258	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.040%
43) trans-1,3-Dichloroprop...	10.528	79	64095	25.679	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.720%
47) 2-Hexanone-d5	10.875	63	39053	40.151	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.300%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	97085	23.802	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	13.816	152	139778	30.037	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.160%#
Target Compounds						
16) Methylene chloride	4.805	84	5960	1.025	ug/L	81
27) 1,2-Dichloroethane	8.199	62	3656	0.678	ug/L #	72
34) Trichloroethene	8.781	95	9065	1.827	ug/L #	7
37) 1,2-Dichloropropane	9.210	63	17467	3.351	ug/L #	87
39) cis-1,3-Dichloropropene	9.981	75	4932	0.606	ug/L #	62
44) trans-1,3-Dichloropropene	10.528	75	2956	0.435	ug/L	84

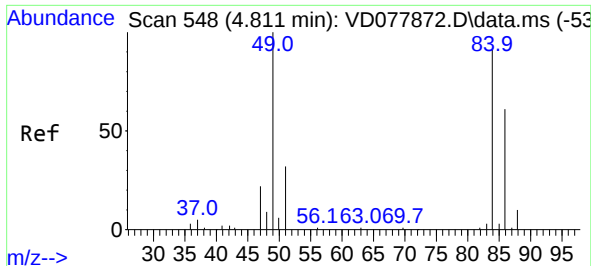
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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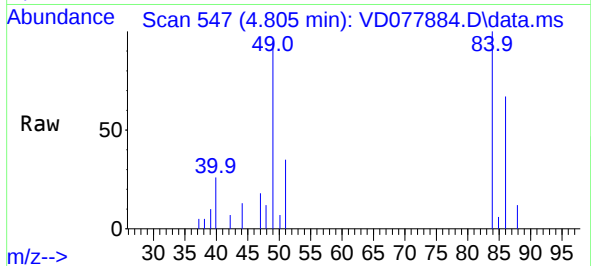
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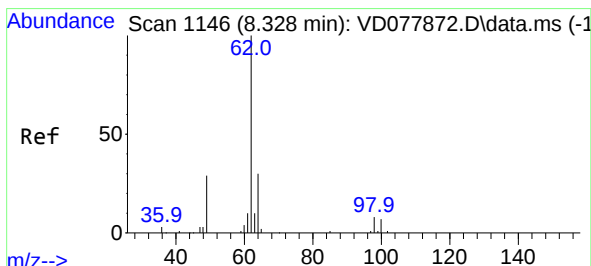
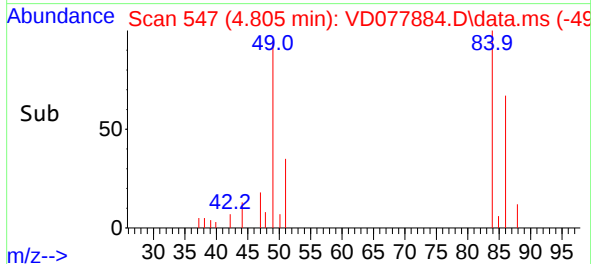
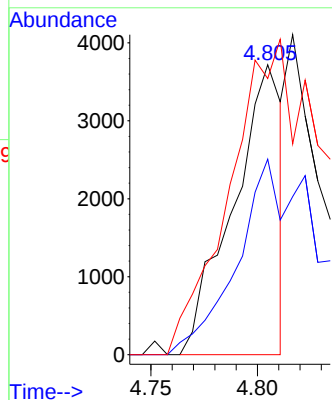


#16
Methylene chloride
Concen: 1.025 ug/L
RT: 4.805 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077884.D
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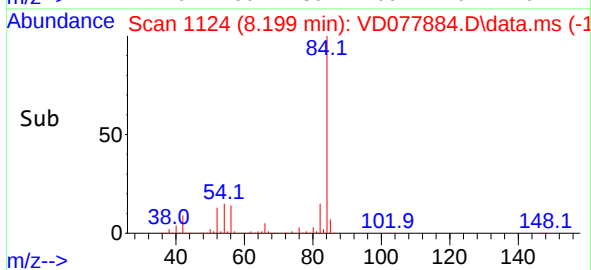
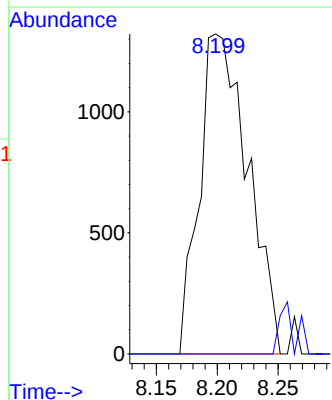
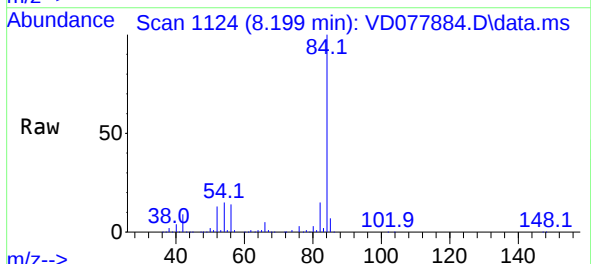


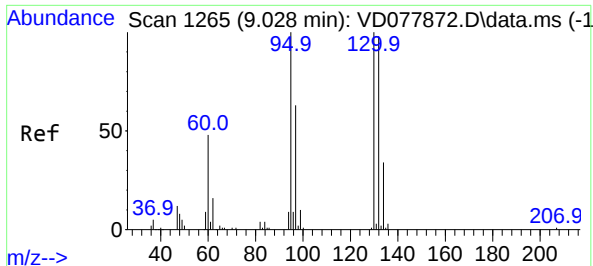
Tgt Ion: 84 Resp: 5960
Ion Ratio Lower Upper
84 100
86 67.5 40.1 74.5
49 95.3 83.2 154.6



#27
1,2-Dichloroethane
Concen: 0.678 ug/L
RT: 8.199 min Scan# 1124
Delta R.T. -0.129 min
Lab File: VD077884.D
Acq: 14 Dec 2023 15:36

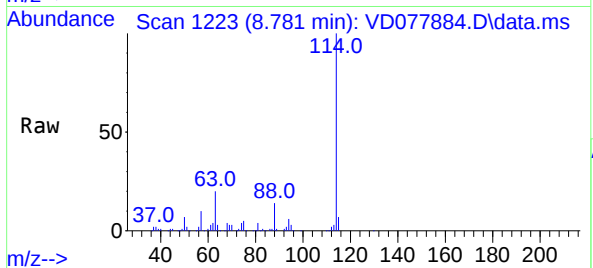
Tgt Ion: 62 Resp: 3656
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#





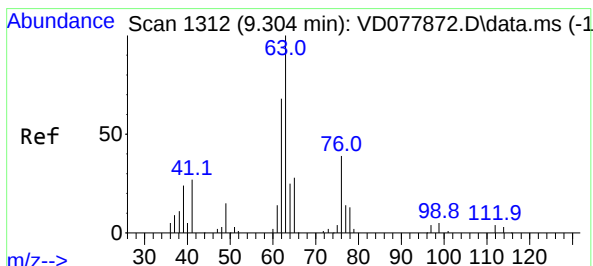
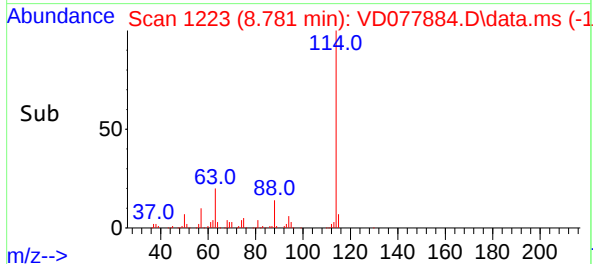
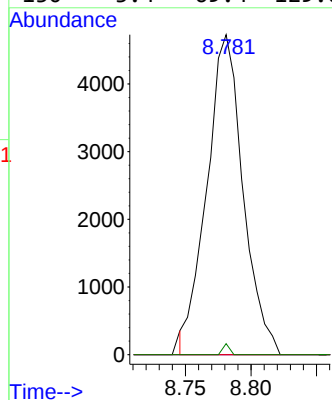
#34
Trichloroethene
Concen: 1.827 ug/L
RT: 8.781 min Scan# 1296
Delta R.T. -0.253 min
Lab File: VD077884.D
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Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 9065

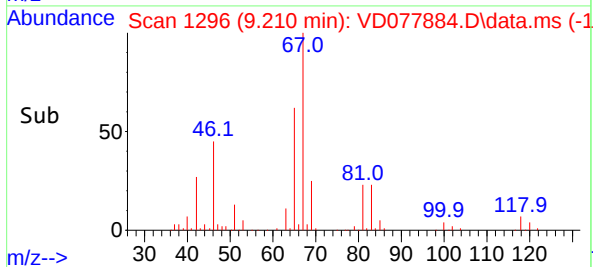
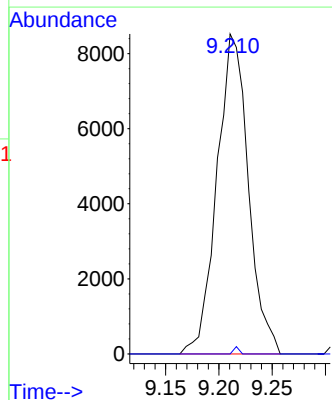
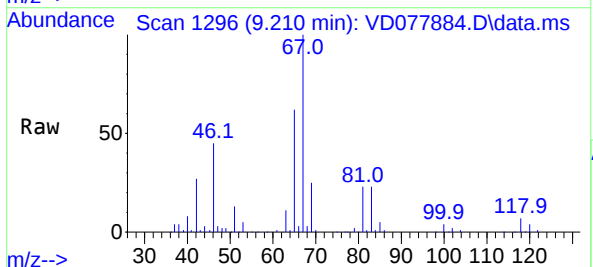
Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.2	82.0#
132	0.0	67.5	125.3#
130	3.4	69.4	129.0#

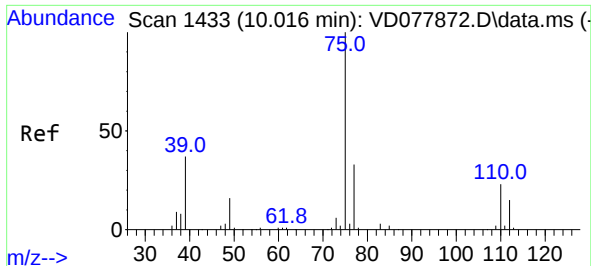


#37
1,2-Dichloropropane
Concen: 3.351 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD077884.D
Acq: 14 Dec 2023 15:36

Tgt Ion: 63 Resp: 17467

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.606 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.041 min

Lab File: VD077884.D

Acq: 14 Dec 2023 15:36

Instrument :

MSVOA_D

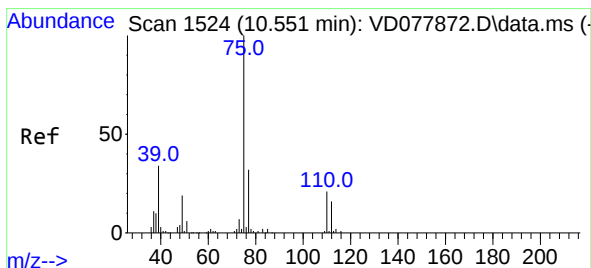
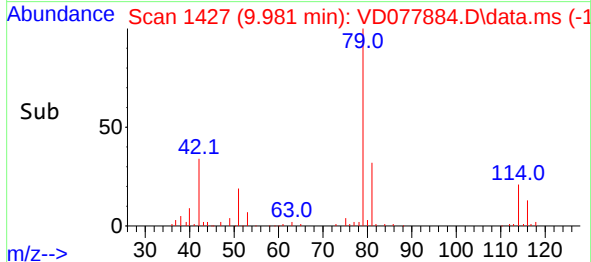
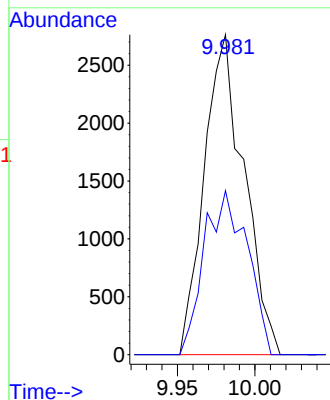
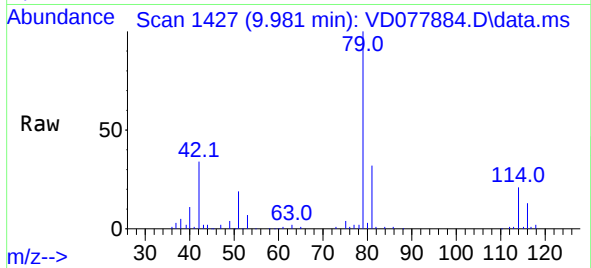
ClientSampleId :

Tgt Ion: 75 Resp: 4932

Ion Ratio Lower Upper

75 100

77 51.2 21.2 39.4#



#44

trans-1,3-Dichloropropene

Concen: 0.435 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.029 min

Lab File: VD077884.D

Acq: 14 Dec 2023 15:36

Tgt Ion: 75 Resp: 2956

Ion Ratio Lower Upper

75 100

77 40.5 22.0 40.8

