

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062923\
 Data File : VD076634.D
 Acq On : 29 Jun 2023 13:00
 Operator : KP/SY
 Sample : VIBLK
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 30 01:15:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

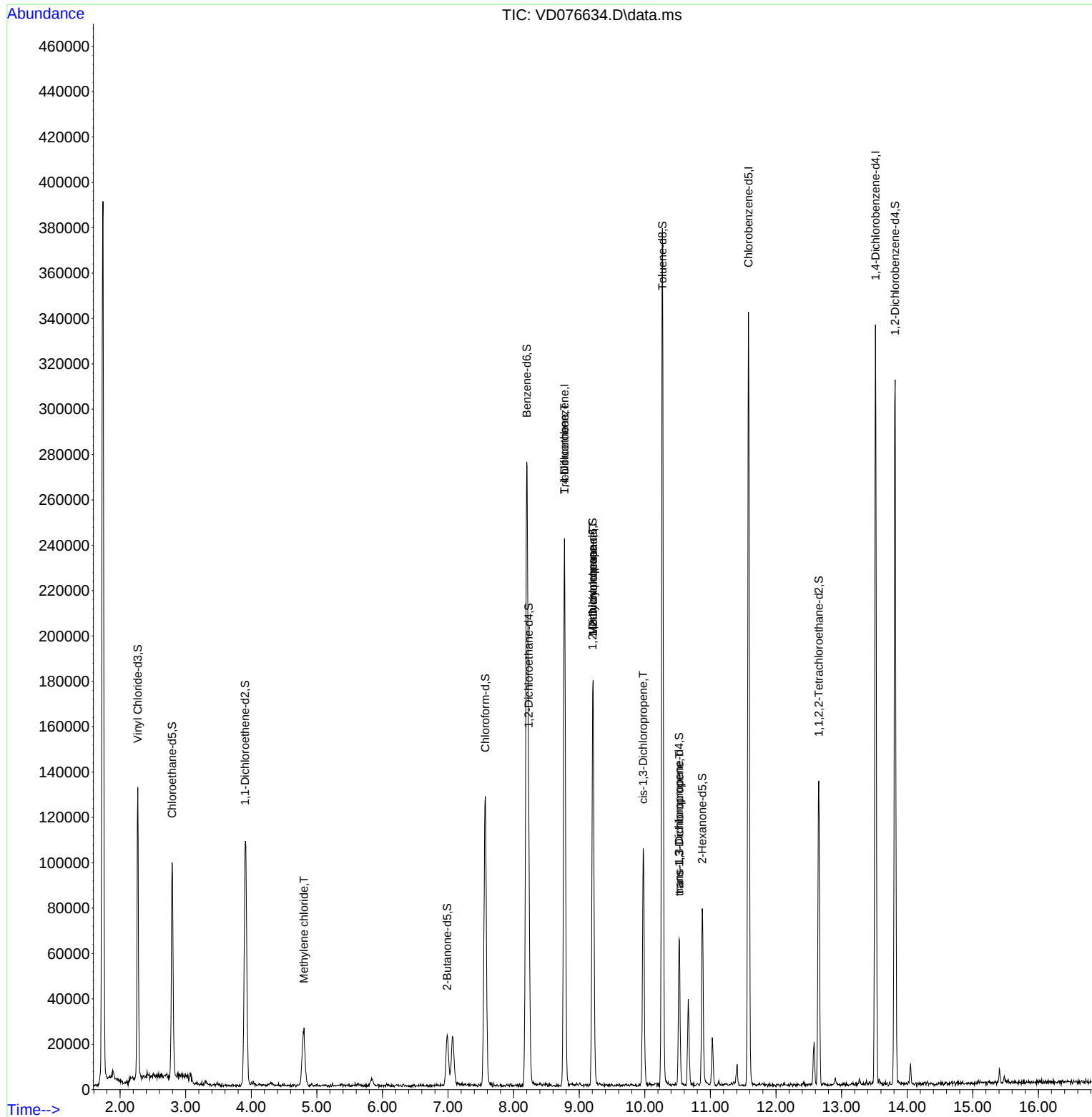
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	207759	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	185488	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	87807	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	114645	22.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.640%
7) Chloroethane-d5	2.793	69	92374	22.579	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.320%
11) 1,1-Dichloroethene-d2	3.905	65	31018	23.486	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.960%
21) 2-Butanone-d5	6.987	46	40099	52.331	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.660%
24) Chloroform-d	7.569	84	131236	23.976	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.920%
26) 1,2-Dichloroethane-d4	8.228	65	70784	26.214	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.840%
32) Benzene-d6	8.199	84	277457	24.453	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	9.204	67	88051	24.311	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.240%
41) Toluene-d8	10.269	98	253431	24.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.480%
43) trans-1,3-Dichloroprop...	10.522	79	35975	23.881	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.520%
47) 2-Hexanone-d5	10.875	63	27639	49.161	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.320%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	68141	26.445	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.760%
66) 1,2-Dichlorobenzene-d4	13.816	152	81211	25.233	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.920%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.805	84	17122	4.742	ug/L	96
34) Trichloroethene	8.775	95	5898	1.870	ug/L #	4
35) Methylcyclohexane	9.210	83	18713	3.680	ug/L #	20
37) 1,2-Dichloropropane	9.210	63	10161	3.036	ug/L #	88
39) cis-1,3-Dichloropropene	9.975	75	3330	0.652	ug/L	97
44) trans-1,3-Dichloropropene	10.528	75	1800	0.433	ug/L	84

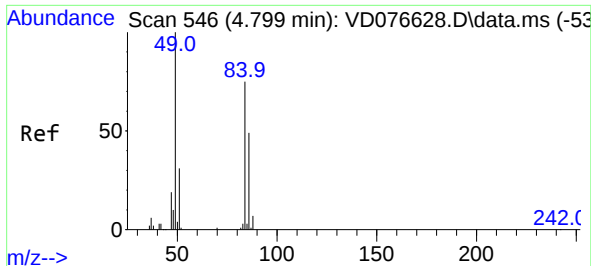
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

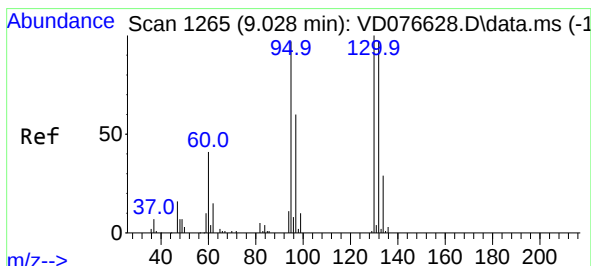
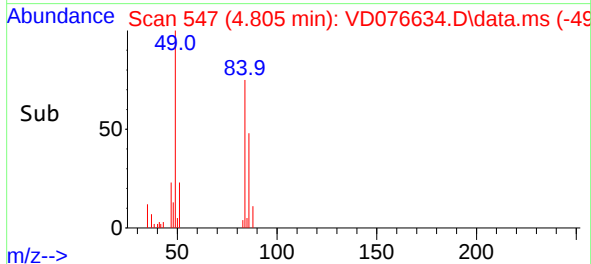
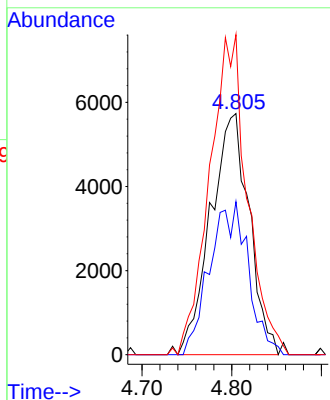
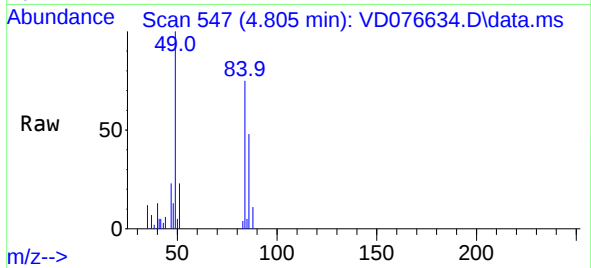




#16
Methylene chloride
Concen: 4.742 ug/L
RT: 4.805 min Scan# 54
Delta R.T. 0.018 min
Lab File: VD076634.D
Acq: 29 Jun 2023 13:00

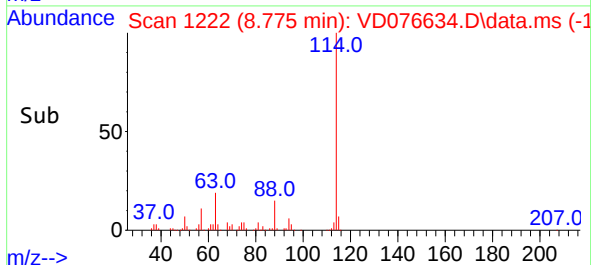
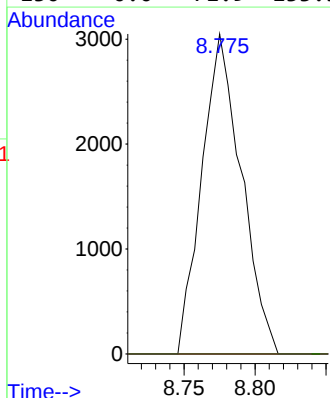
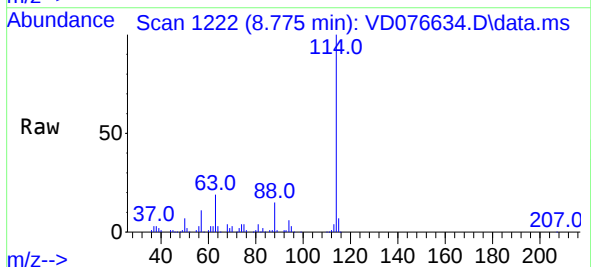
Instrument :
MSVOA_D
ClientSampleId :

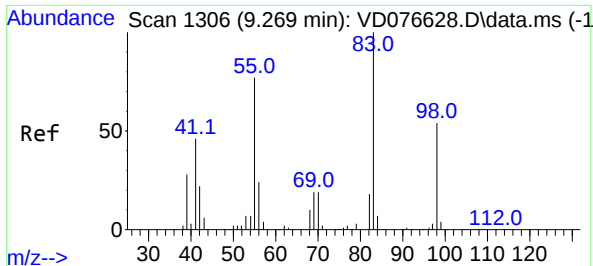
Tgt Ion: 84 Resp: 17122
Ion Ratio Lower Upper
84 100
86 63.5 45.1 83.9
49 132.7 97.2 180.6



#34
Trichloroethene
Concen: 1.870 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD076634.D
Acq: 29 Jun 2023 13:00

Tgt Ion: 95 Resp: 5898
Ion Ratio Lower Upper
95 100
97 0.0 43.1 80.1#
132 0.0 71.8 133.4#
130 0.0 71.9 133.5#

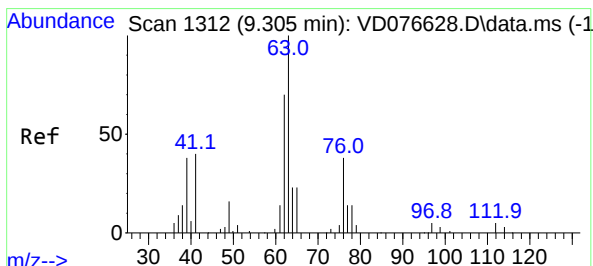
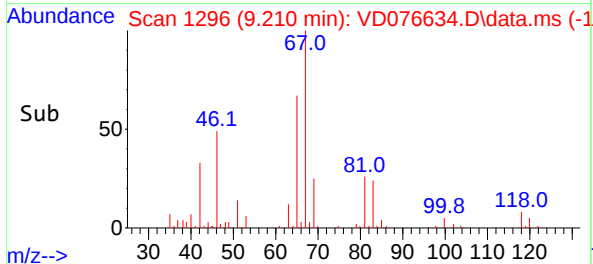
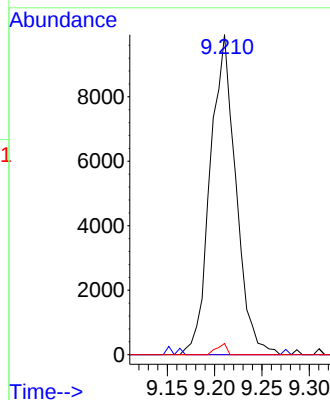
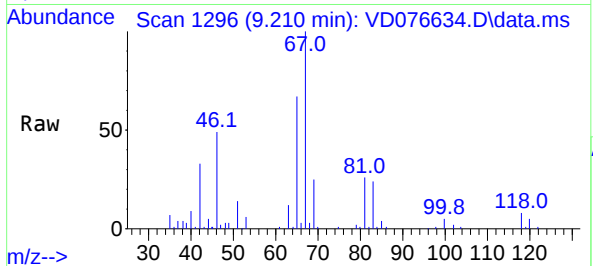




#35
Methylcyclohexane
Concen: 3.680 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.059 min
Lab File: VD076634.D
Acq: 29 Jun 2023 13:00

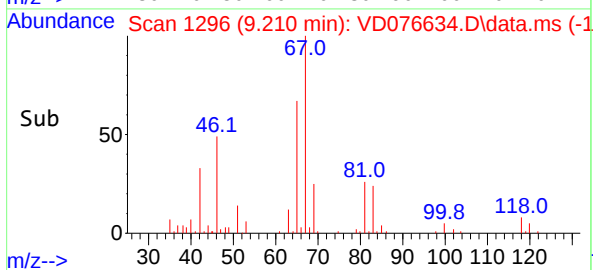
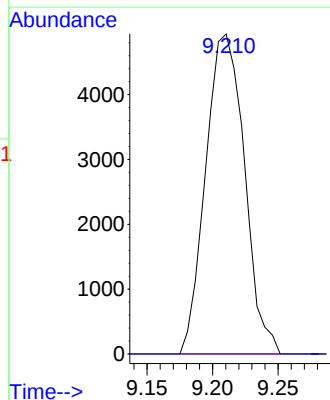
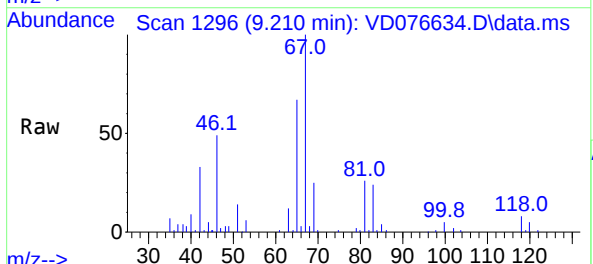
Instrument :
MSVOA_D
ClientSampleId :

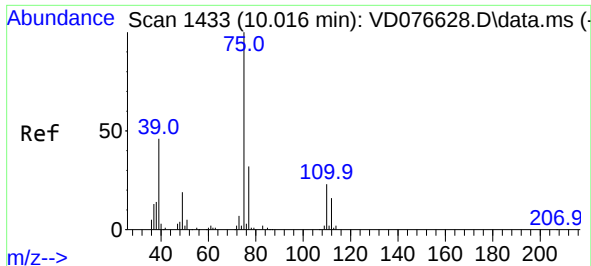
Tgt Ion: 83 Resp: 18713
Ion Ratio Lower Upper
83 100
55 0.4 59.8 89.6#
98 1.4 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 3.036 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD076634.D
Acq: 29 Jun 2023 13:00

Tgt Ion: 63 Resp: 10161
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.652 ug/L

RT: 9.975 min Scan# 1433

Delta R.T. -0.041 min

Lab File: VD076634.D

Acq: 29 Jun 2023 13:00

Instrument :

MSVOA_D

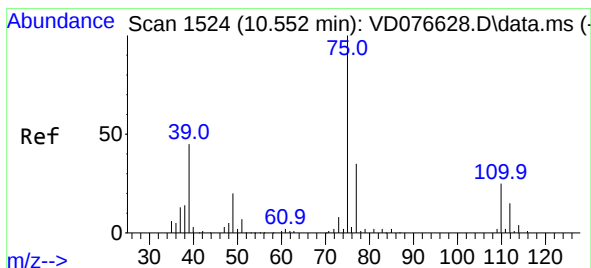
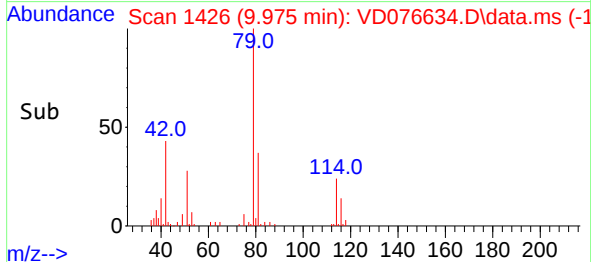
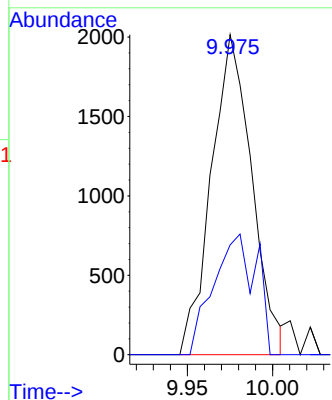
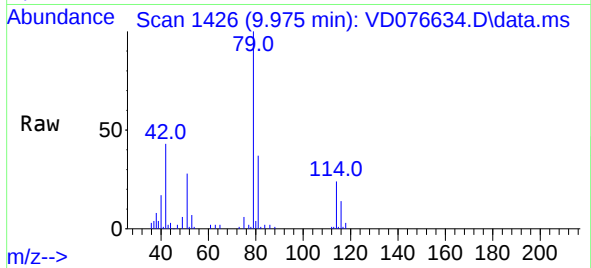
ClientSampleId :

Tgt Ion: 75 Resp: 3330

Ion Ratio Lower Upper

75 100

77 34.3 22.7 42.3



#44

trans-1,3-Dichloropropene

Concen: 0.433 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.024 min

Lab File: VD076634.D

Acq: 29 Jun 2023 13:00

Tgt Ion: 75 Resp: 1800

Ion Ratio Lower Upper

75 100

77 41.1 22.5 41.7

