

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076444.D
 Acq On : 15 Jun 2023 18:06
 Operator : KP/SY
 Sample : 03236-14
 Misc : 4.49G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 YBW22

Quant Time: Jun 16 02:00:26 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)

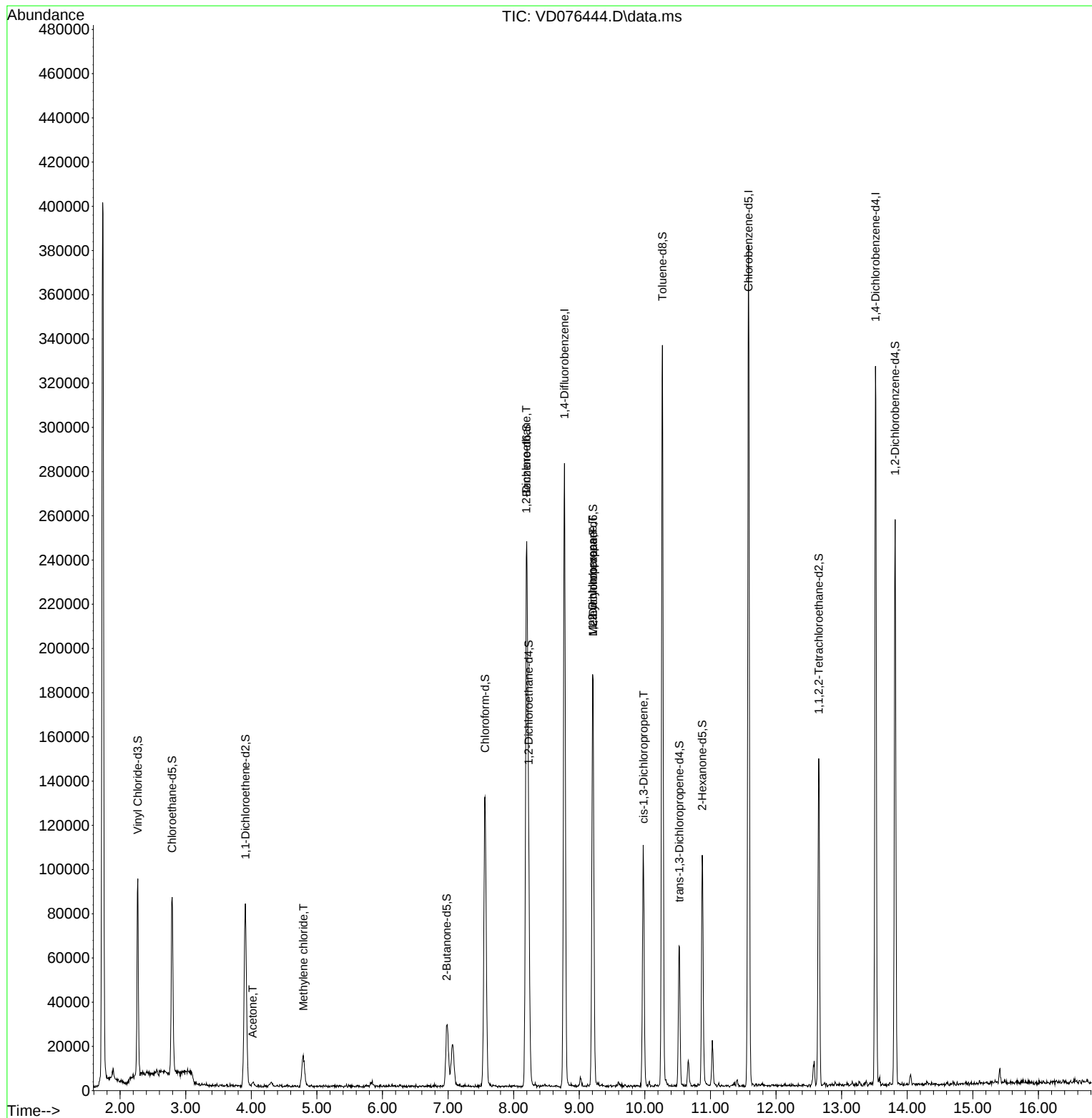
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	244472	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	216315	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	85333	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	78998	13.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.080%
7) Chloroethane-d5	2.793	69	80465	16.715	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.840%
11) 1,1-Dichloroethene-d2	3.910	65	23247	14.959	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.840%
21) 2-Butanone-d5	6.981	46	52068	57.747	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.500%
24) Chloroform-d	7.563	84	131431	20.406	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.640%
26) 1,2-Dichloroethane-d4	8.228	65	70794	22.280	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.120%
32) Benzene-d6	8.198	84	255501	19.309	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.240%
36) 1,2-Dichloropropane-d6	9.210	67	94736	22.429	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.720%
41) Toluene-d8	10.269	98	223256	18.221	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.880%
43) trans-1,3-Dichloroprop...	10.528	79	36205	20.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.440%
47) 2-Hexanone-d5	10.875	63	37775	57.615	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.220%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	75741	25.205	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.840%
66) 1,2-Dichlorobenzene-d4	13.816	152	66684	21.320	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.280%
Target Compounds						Qvalue
13) Acetone	4.022	43	2347	3.223	ug/L	76
16) Methylene chloride	4.793	84	4742	1.116	ug/L	74
27) 1,2-Dichloroethane	8.193	62	1248	0.322	ug/L #	71
35) Methylcyclohexane	9.210	83	20529	3.462	ug/L #	19
37) 1,2-Dichloropropane	9.204	63	9755	2.499	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	2736	0.459	ug/L #	64

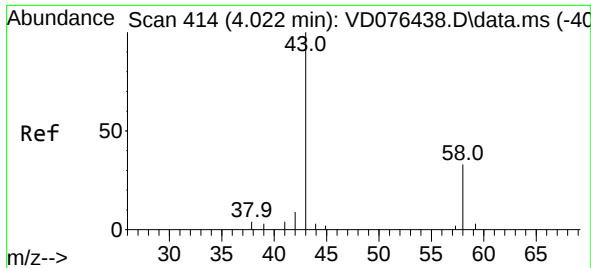
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration





#13

Acetone

Concen: 3.223 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

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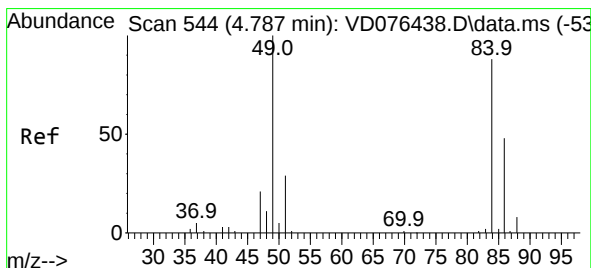
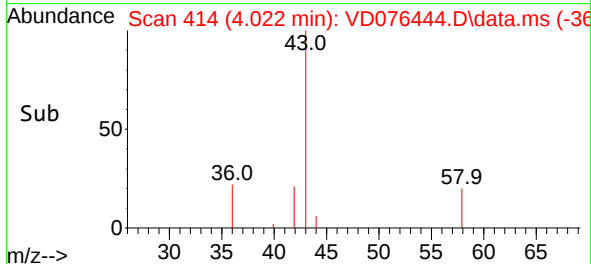
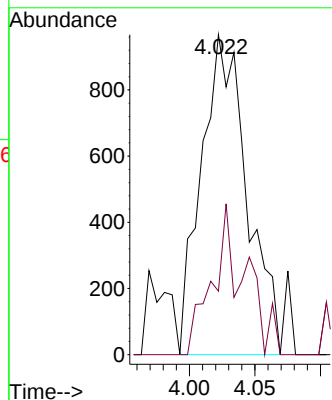
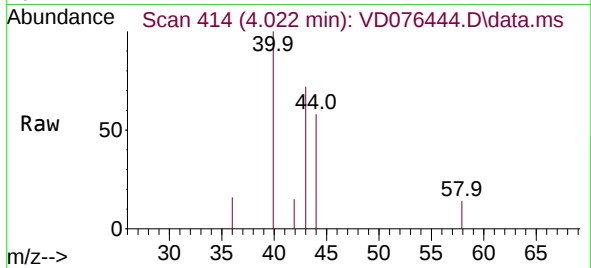
YBW22

Tgt Ion: 43 Resp: 2347

Ion Ratio Lower Upper

43 100

58 20.3 0.0 67.4



#16

Methylene chloride

Concen: 1.116 ug/L

RT: 4.793 min Scan# 545

Delta R.T. 0.006 min

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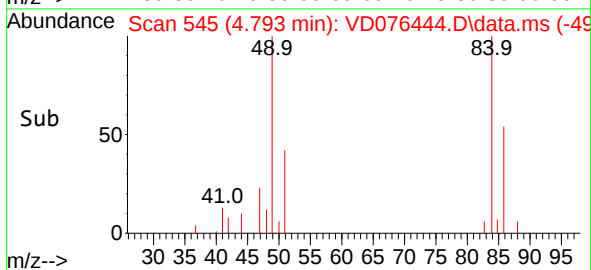
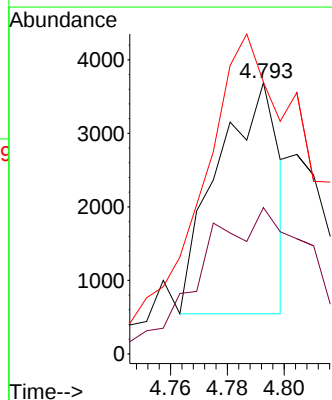
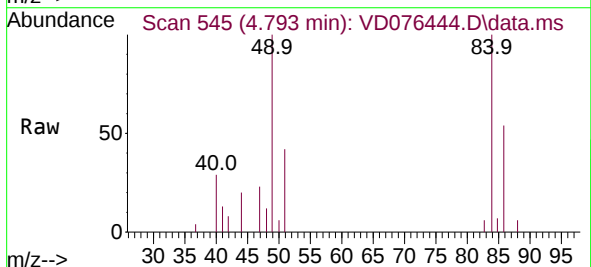
Tgt Ion: 84 Resp: 4742

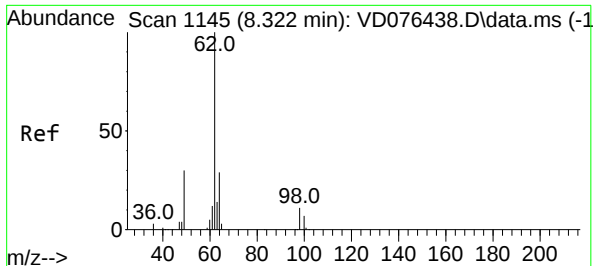
Ion Ratio Lower Upper

84 100

86 54.0 45.1 83.9

49 100.2 97.2 180.6

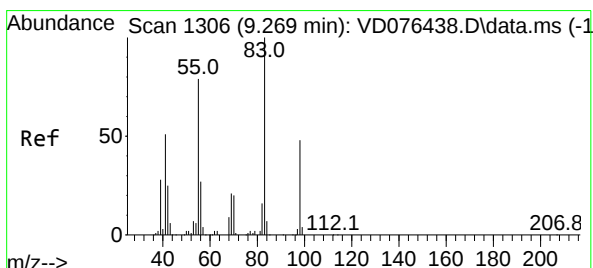
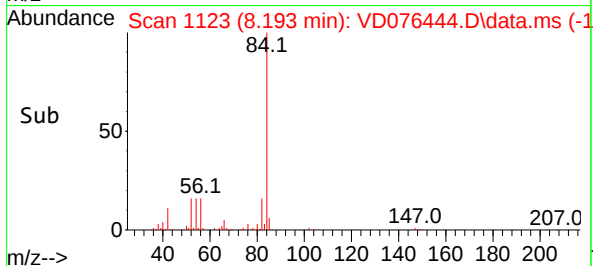
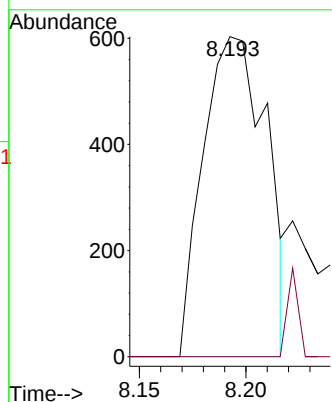
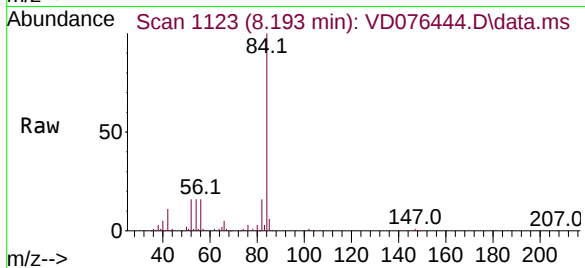




#27
1,2-Dichloroethane
Concen: 0.322 ug/L
RT: 8.193 min Scan# 1145
Delta R.T. -0.130 min
Lab File: VD076444.D
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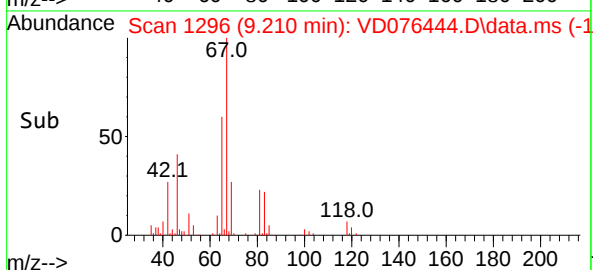
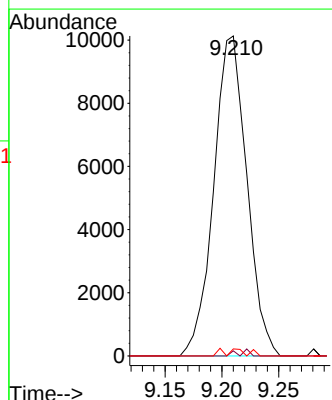
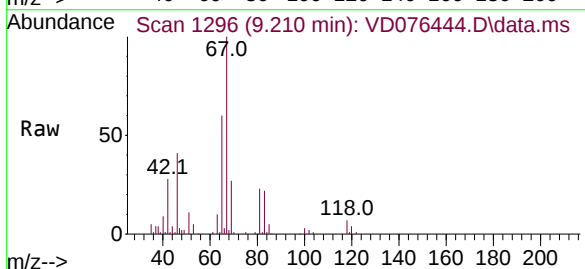
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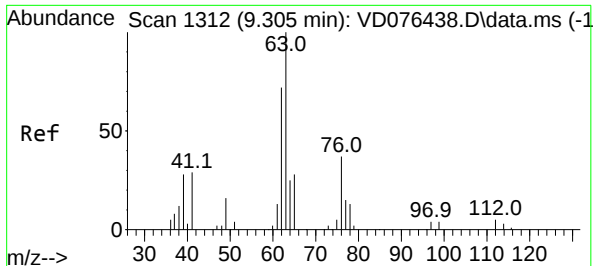
Tgt Ion: 62 Resp: 1248
Ion Ratio Lower Upper
62 100
98 0.0 8.7 13.1#



#35
Methylcyclohexane
Concen: 3.462 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.059 min
Lab File: VD076444.D
Acq: 15 Jun 2023 18:06

Tgt Ion: 83 Resp: 20529
Ion Ratio Lower Upper
83 100
55 0.3 59.8 89.6#
98 0.7 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 2.499 ug/L

RT: 9.204 min Scan# 11

Delta R.T. -0.100 min

Lab File: VD076444.D

Acq: 15 Jun 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

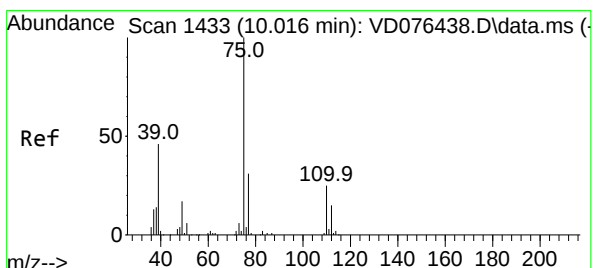
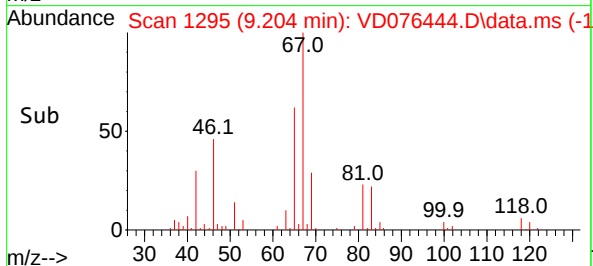
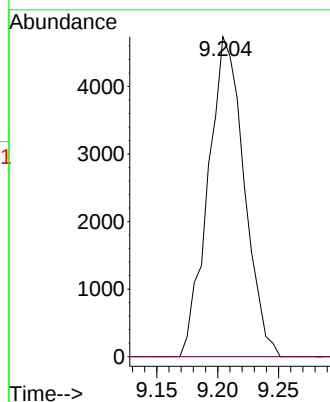
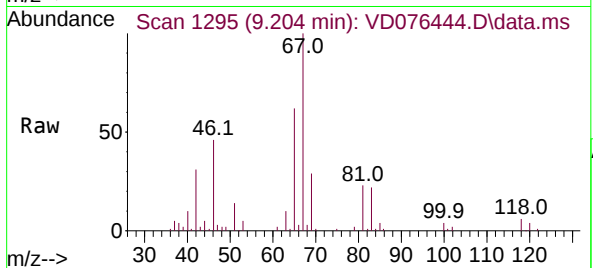
YBW22

Tgt Ion: 63 Resp: 9755

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.459 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.036 min

Lab File: VD076444.D

Acq: 15 Jun 2023 18:06

Tgt Ion: 75 Resp: 2736

Ion Ratio Lower Upper

75 100

77 53.0 22.7 42.3#

