

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052924\
 Data File : VD079077.D
 Acq On : 29 May 2024 21:09
 Operator : RP/MD
 Sample : P2640-14
 Misc : 4.70G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 30 01:15:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 30 01:09:48 2024
 Response via : Initial Calibration

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

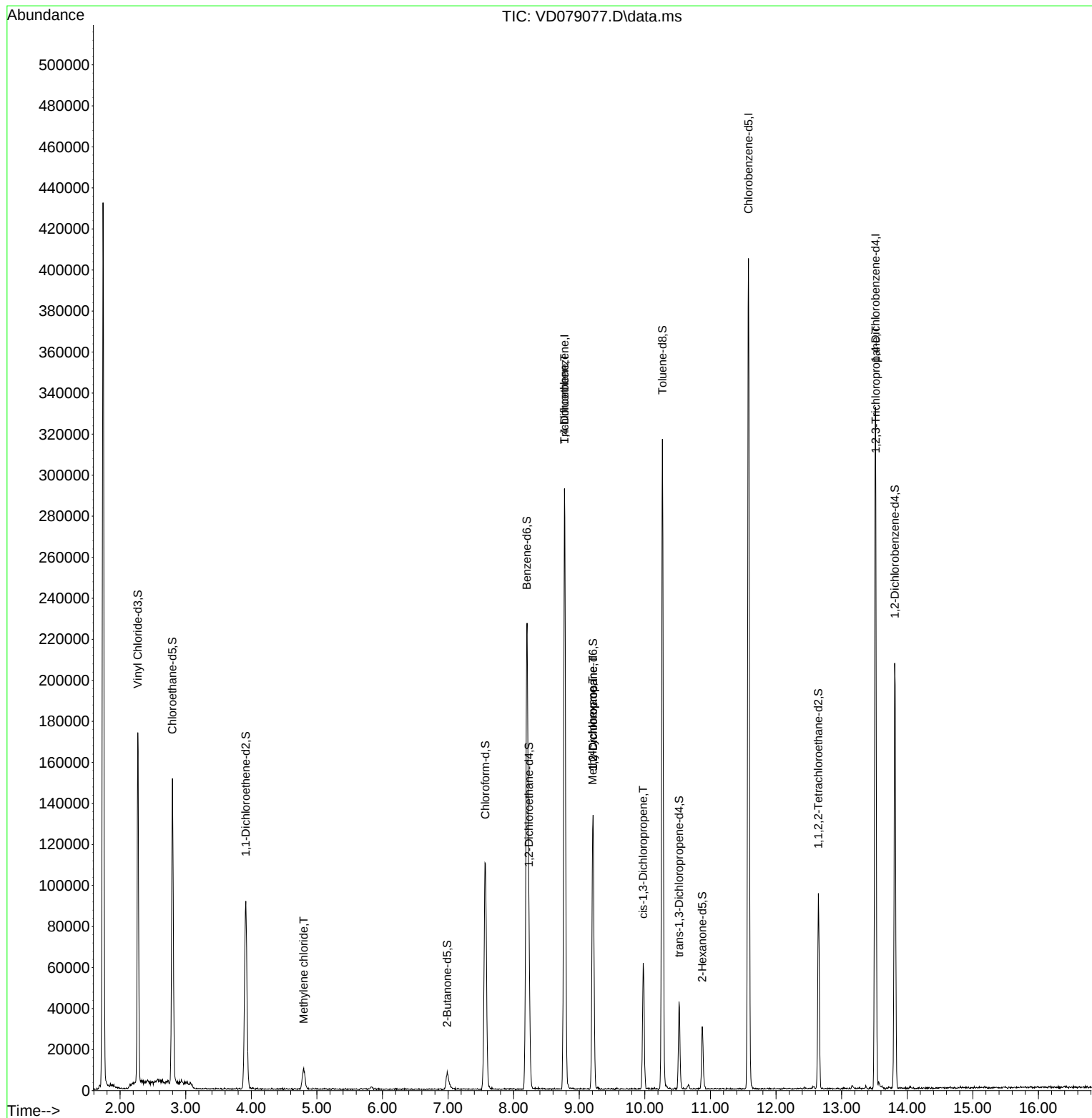
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	270082	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	254858	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	98573	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	163139	19.629	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.520%
7) Chloroethane-d5	2.799	69	155488	19.348	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	3.916	65	25314	17.157	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.640%
21) 2-Butanone-d5	6.987	46	7942	12.493	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	24.980%
24) Chloroform-d	7.569	84	122792	16.260	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.040%
26) 1,2-Dichloroethane-d4	8.234	65	54666	15.692	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	62.760%#
32) Benzene-d6	8.199	84	256071	18.125	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.480%
36) 1,2-Dichloropropane-d6	9.210	67	69747	17.138	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	68.560%#
41) Toluene-d8	10.269	98	223707	16.911	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.640%
43) trans-1,3-Dichloroprop...	10.522	79	24788	14.491	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.960%
47) 2-Hexanone-d5	10.875	63	10790	20.508	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.020%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	47592	13.202	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	52.800%
66) 1,2-Dichlorobenzene-d4	13.810	152	60304	17.726	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.920%#
Target Compounds						
					Qvalue	
16) Methylene chloride	4.799	84	8078	1.679	ug/L	92
34) Trichloroethene	8.775	95	6986	1.787	ug/L #	1
35) Methylcyclohexane	9.204	83	16774	2.589	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	7554	2.032	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	1686	0.290	ug/L #	77
61) 1,2,3-Trichloropropane	13.522	75	11294	6.490	ug/L #	63

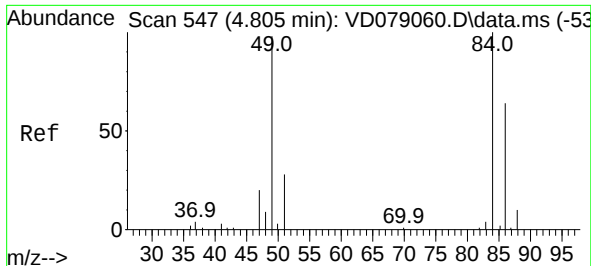
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu May 30 01:09:48 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 1.679 ug/L

RT: 4.799 min Scan# 547

Delta R.T. -0.006 min

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Instrument :

MSVOA_D

ClientSampleId :

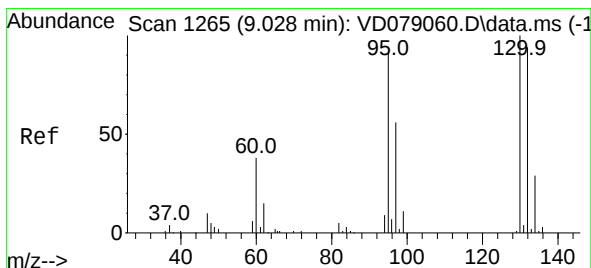
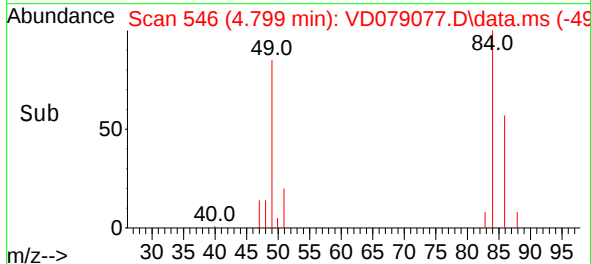
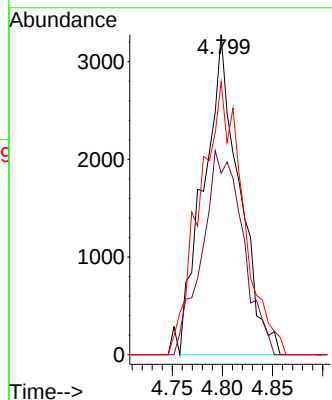
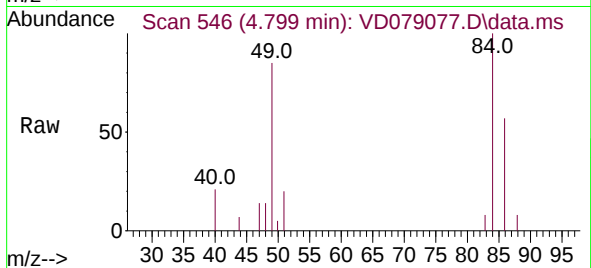
Tgt Ion: 84 Resp: 8078

Ion Ratio Lower Upper

84 100

86 56.7 40.9 76.0

49 85.3 67.5 125.3



#34

Trichloroethene

Concen: 1.787 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD079077.D

Acq: 29 May 2024 21:09

Tgt Ion: 95 Resp: 6986

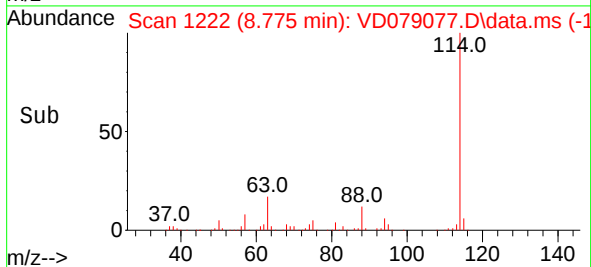
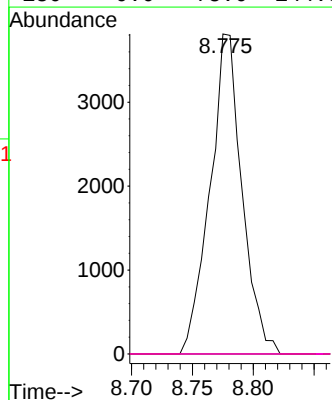
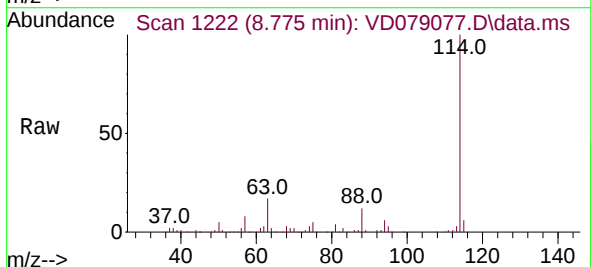
Ion Ratio Lower Upper

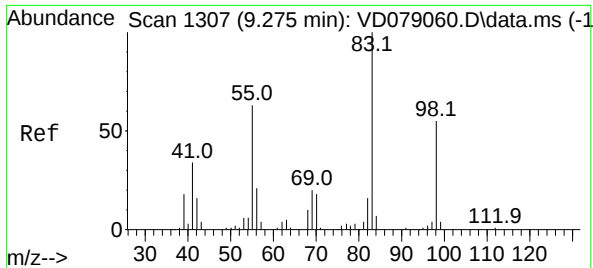
95 100

97 0.0 44.6 82.8#

132 0.0 74.9 139.1#

130 0.0 78.0 144.8#





#35

Methylcyclohexane

Concen: 2.589 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.071 min

Lab File: VD079077.D

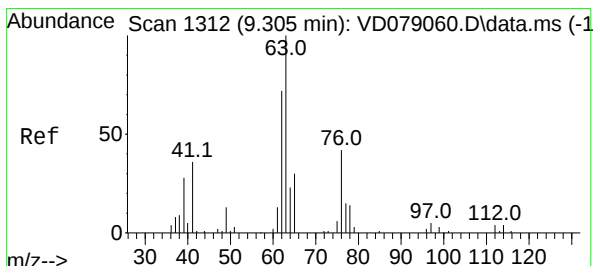
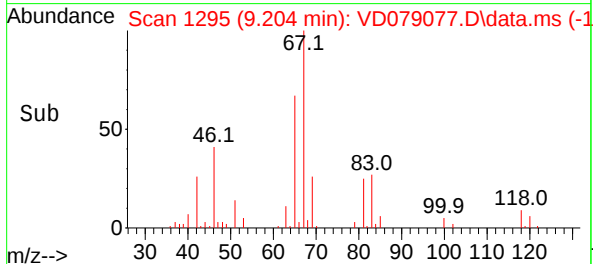
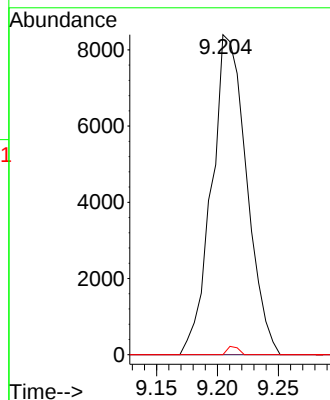
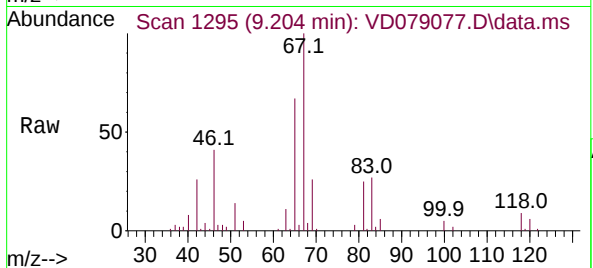
Acq: 29 May 2024 21:09

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	16774
Ion Ratio	Lower	Upper	
83	100		
55	0.0	48.6	72.8#
98	0.8	40.2	60.2#



#37

1,2-Dichloropropane

Concen: 2.032 ug/L

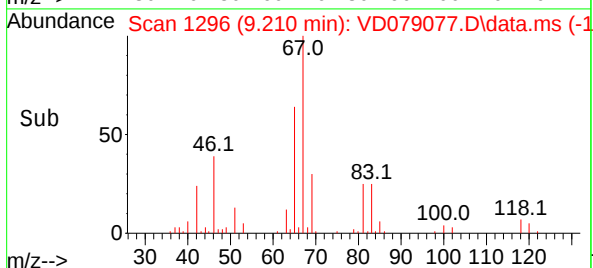
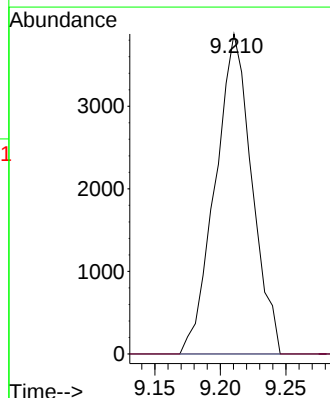
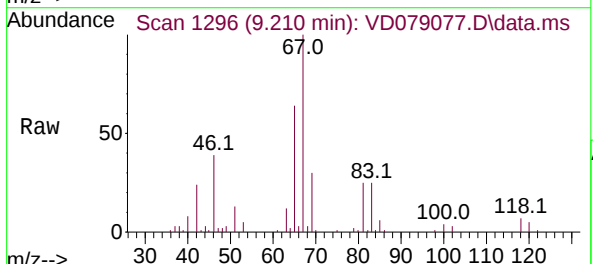
RT: 9.210 min Scan# 1296

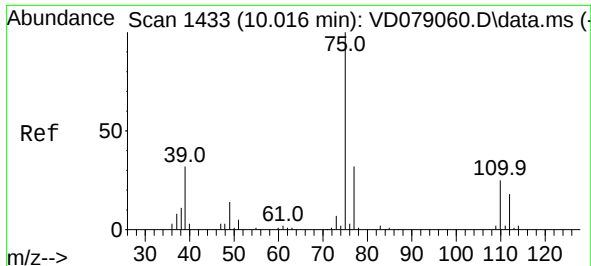
Delta R.T. -0.094 min

Lab File: VD079077.D

Acq: 29 May 2024 21:09

Tgt Ion:	63	Resp:	7554
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.9	5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.290 ug/L

RT: 9.975 min Scan# 1433

Delta R.T. -0.041 min

Lab File: VD079077.D

Acq: 29 May 2024 21:09

Instrument :

MSVOA_D

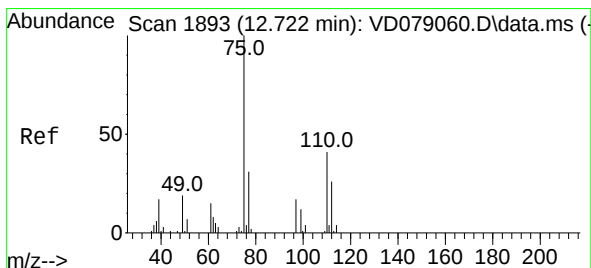
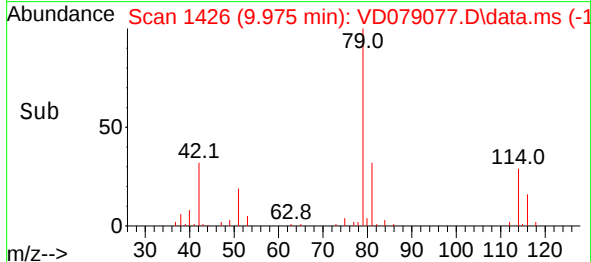
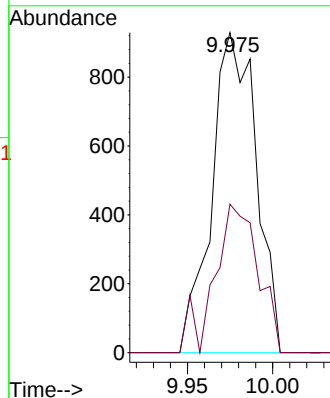
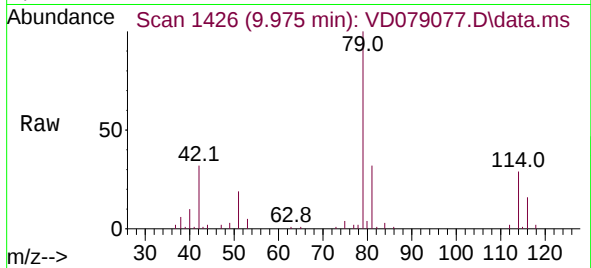
ClientSampleId :

Tgt Ion: 75 Resp: 1686

Ion Ratio Lower Upper

75 100

77 46.4 23.4 43.4#



#61

1,2,3-Trichloropropane

Concen: 6.490 ug/L

RT: 13.522 min Scan# 2029

Delta R.T. 0.800 min

Lab File: VD079077.D

Acq: 29 May 2024 21:09

Tgt Ion: 75 Resp: 11294

Ion Ratio Lower Upper

75 100

77 31.5 25.9 38.9

110 1.6 34.2 51.4#

