

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120821\
 Data File : VW021226.D
 Acq On : 08 Dec 2021 13:42
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 08 23:01:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 08 22:58:53 2021
 Response via : Initial Calibration

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

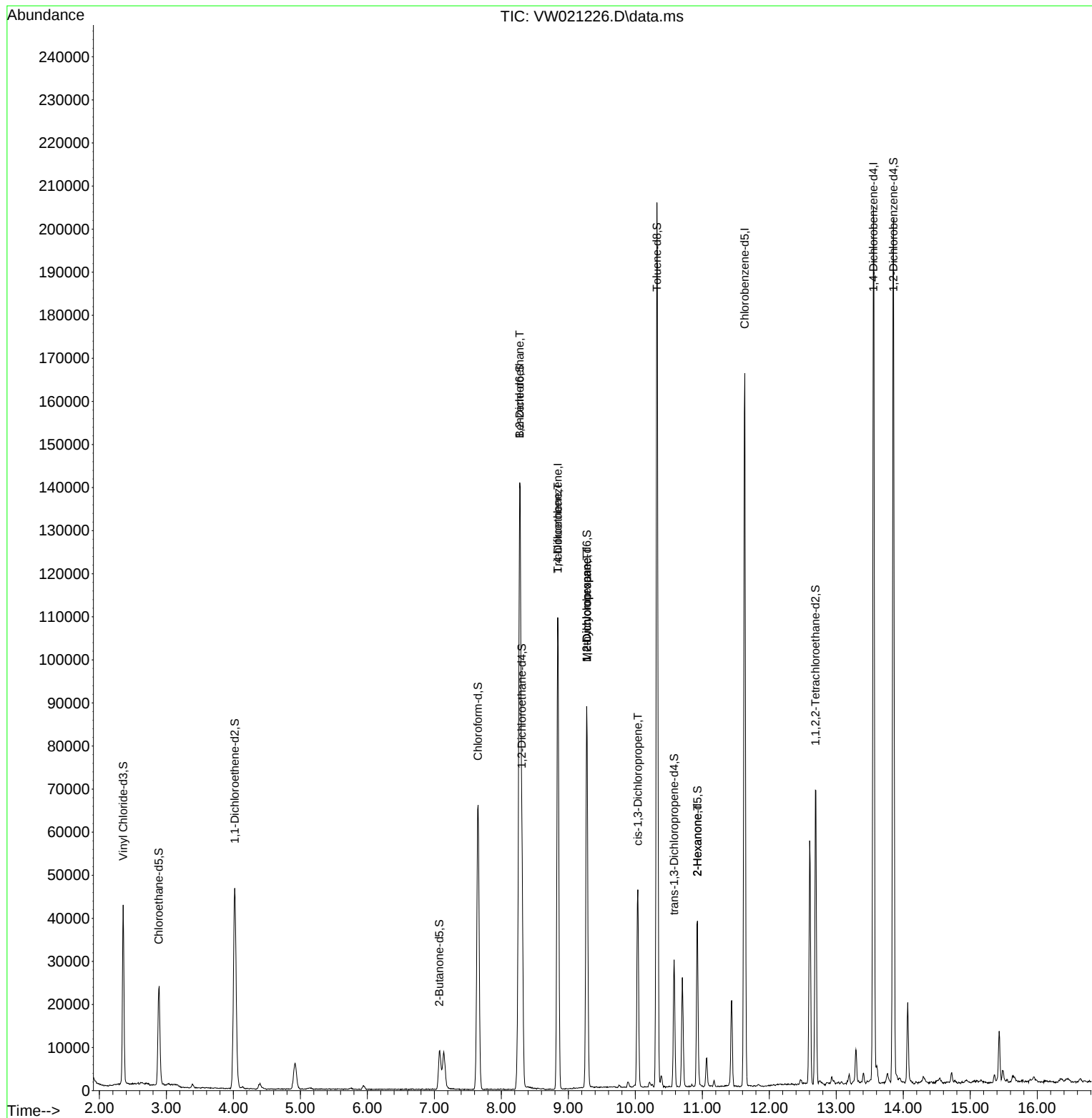
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	93848	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	95482	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	55016	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	39349	30.094	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 120.360%	
7) Chloroethane-d5	2.885	69	27001	30.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 123.400%	
11) 1,1-Dichloroethene-d2	4.019	63	43769	20.954	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 83.800%	
21) 2-Butanone-d5	7.074	46	15680	52.574	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 105.140%	
24) Chloroform-d	7.653	84	65786	27.991	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 111.960%	
26) 1,2-Dichloroethane-d4	8.305	65	37171	28.909	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 115.640%	
32) Benzene-d6	8.275	84	132108	27.060	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 108.240%	
36) 1,2-Dichloropropane-d6	9.274	67	36691	27.044	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 108.160%	
41) Toluene-d8	10.323	98	131150	26.199	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 104.800%	
43) trans-1,3-Dichloroprop...	10.579	79	14697	23.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 95.440%	
47) 2-Hexanone-d5	10.927	63	12626	48.641	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 97.280%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	30607	24.385	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 97.560%	
66) 1,2-Dichlorobenzene-d4	13.853	152	53104	26.940	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 107.760%	
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	8.275	62	896	0.593	ug/L	# 77
34) Trichloroethene	8.842	95	2661	1.776	ug/L	# 5
35) Methylcyclohexane	9.274	83	9880	3.918	ug/L	# 15
37) 1,2-Dichloropropane	9.274	63	4847	3.950	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1416	0.713	ug/L	# 88
48) 2-Hexanone	10.927	43	1681	2.787	ug/L	# 70

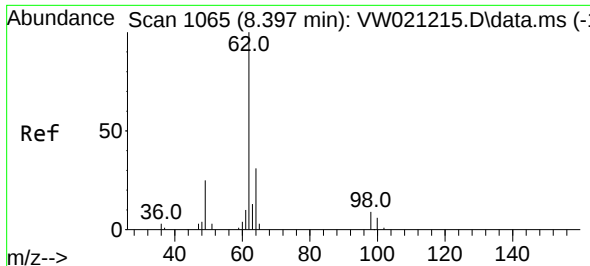
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Dec 08 22:58:53 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.593 ug/L

RT: 8.275 min Scan# 1108

Delta R.T. -0.122 min

Lab File: VW021226.D

Acq: 08 Dec 2021 13:42

Instrument :

MSVOA_W

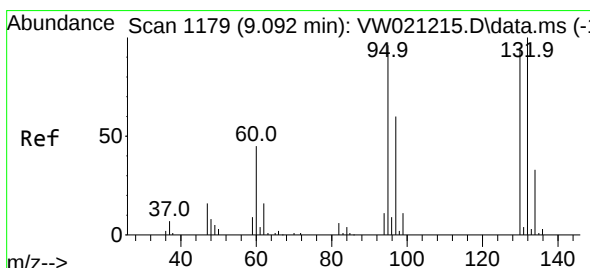
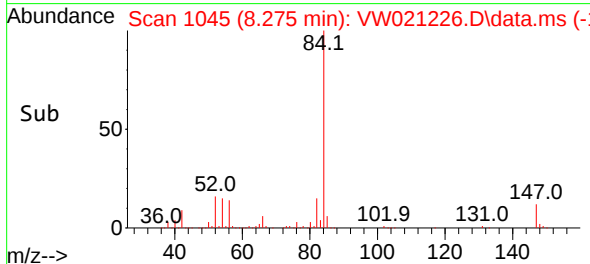
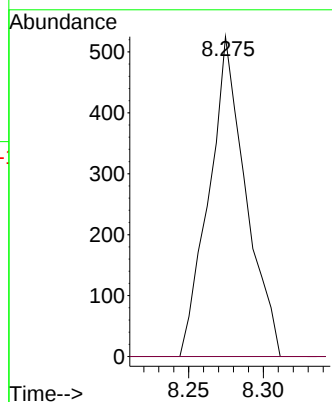
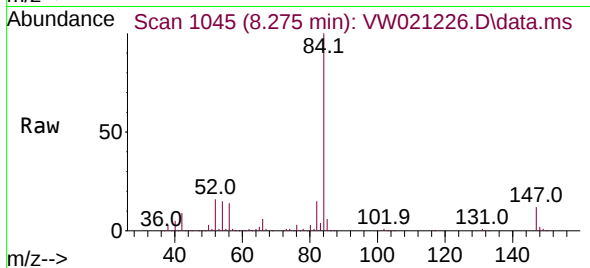
ClientSampleId :

Tgt Ion: 62 Resp: 896

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 1.776 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021226.D

Acq: 08 Dec 2021 13:42

Tgt Ion: 95 Resp: 2661

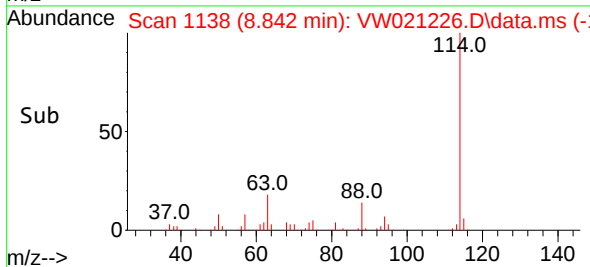
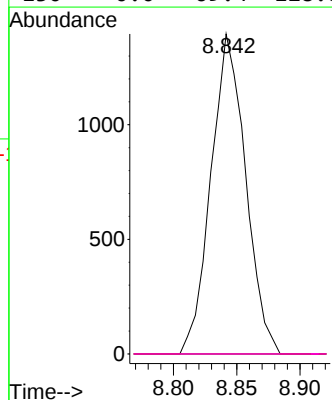
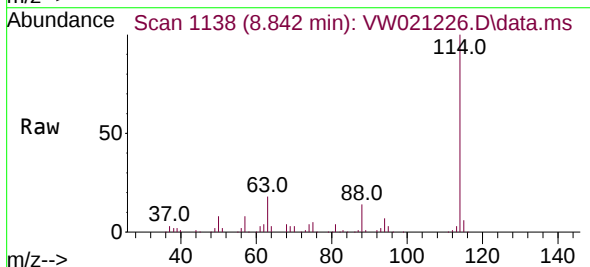
Ion Ratio Lower Upper

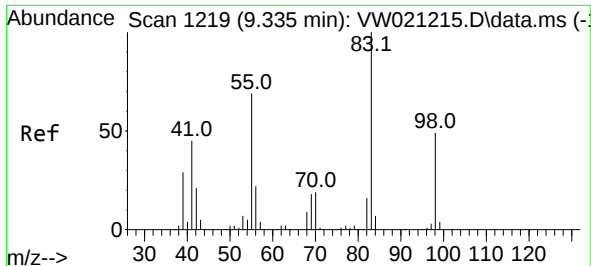
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#





#35

Methylcyclohexane

Concen: 3.918 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021226.D

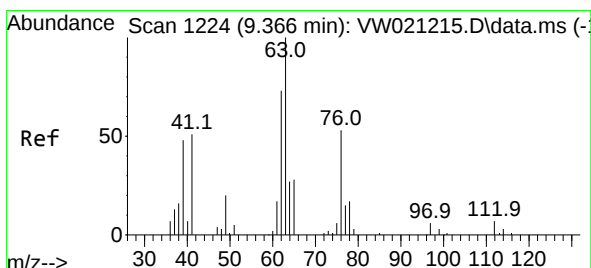
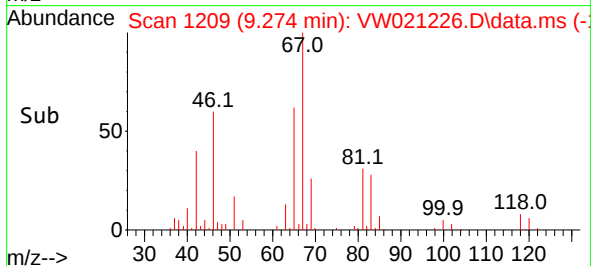
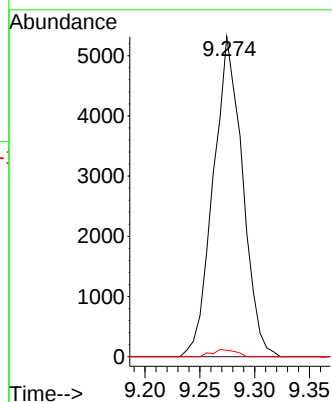
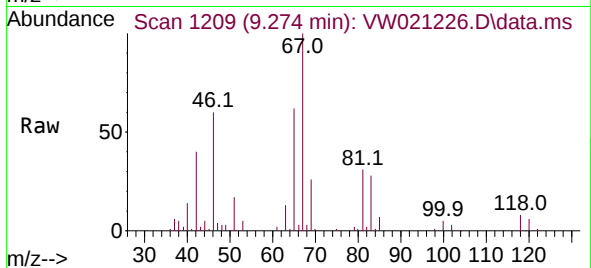
Acq: 08 Dec 2021 13:42

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 9880
Ion Ratio	Lower Upper
83	100
55	0.0 70.8 106.2#
98	1.8 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 3.950 ug/L

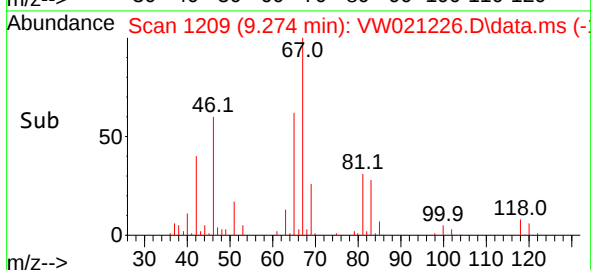
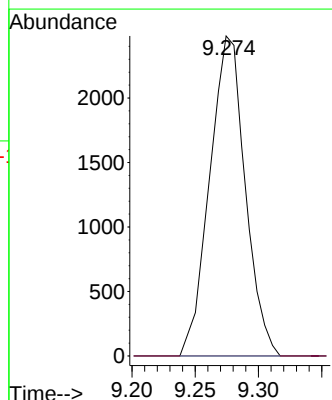
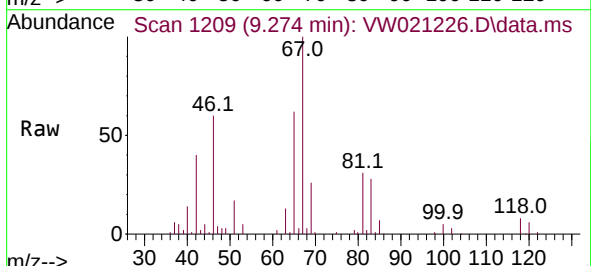
RT: 9.274 min Scan# 1209

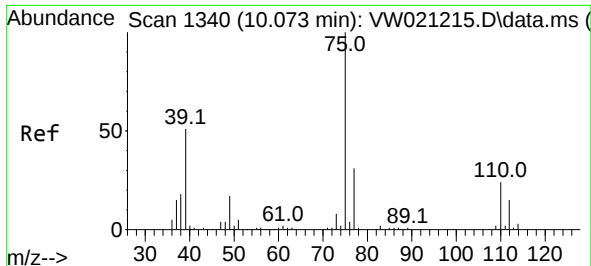
Delta R.T. -0.092 min

Lab File: VW021226.D

Acq: 08 Dec 2021 13:42

Tgt Ion: 63	Resp: 4847
Ion Ratio	Lower Upper
63	100
112	0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.713 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021226.D

Acq: 08 Dec 2021 13:42

Instrument :

MSVOA_W

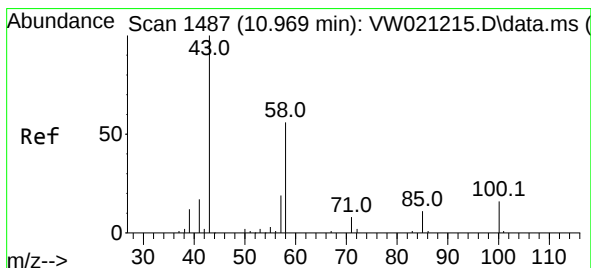
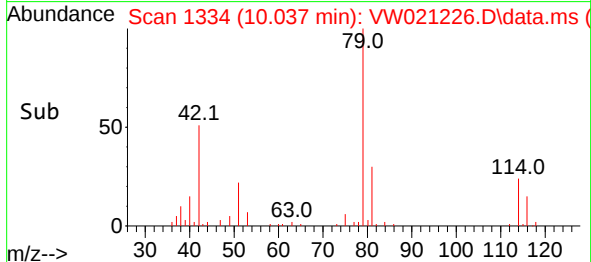
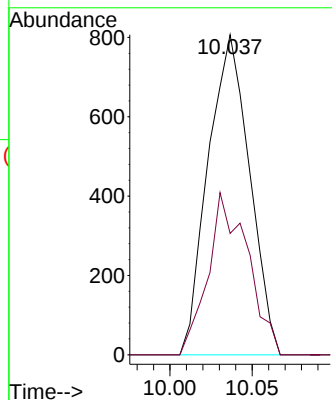
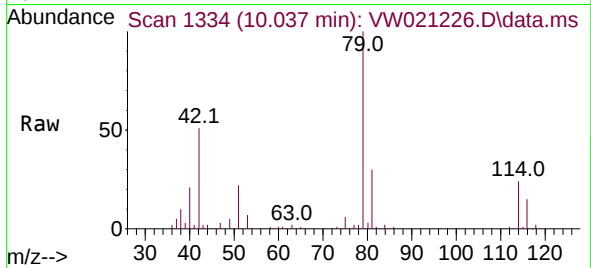
ClientSampleId :

Tgt Ion: 75 Resp: 1416

Ion Ratio Lower Upper

75 100

77 37.9 21.8 40.6



#48

2-Hexanone

Concen: 2.787 ug/L

RT: 10.927 min Scan# 1480

Delta R.T. -0.043 min

Lab File: VW021226.D

Acq: 08 Dec 2021 13:42

Tgt Ion: 43 Resp: 1681

Ion Ratio Lower Upper

43 100

58 24.3 40.2 60.2#

57 23.3 14.3 21.5#

100 0.0 8.0 12.0#

