

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041619\
 Data File : VW010007.D
 Acq On : 16 Apr 2019 20:09
 Operator : SY/VA
 Sample : K2402-15
 Misc : 5.01G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHJ5

Quant Time: Apr 17 00:46:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 00:43:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	25008	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	24411	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	8764	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	7480	31.65	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.60%
7) Chloroethane-d5	2.89	69	8857	37.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	148.00%
10) 1,1-Dichloroethene-d2	4.02	63	16053	24.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.96%
20) 2-Butanone-d5	7.09	46	7537	58.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.92%
24) Chloroform-d	7.65	84	22906	31.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	126.72%
26) 1,2-Dichloroethane-d4	8.31	65	16146	35.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	143.96%#
29) Benzene-d6	8.27	84	36667	27.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.32%
33) 1,2-Dichloropropane-d6	9.27	67	13818	32.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.36%#
37) Toluene-d8	10.32	98	26454	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.44%
38) trans-1,3-Dichloropropene-	10.58	79	4629	22.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.40%
39) 2-Hexanone-d5	10.93	63	4181	44.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	13474	33.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.84%#
61) 1,2-Dichlorobenzene-d4	13.86	152	9265	28.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.48%

Target Compounds

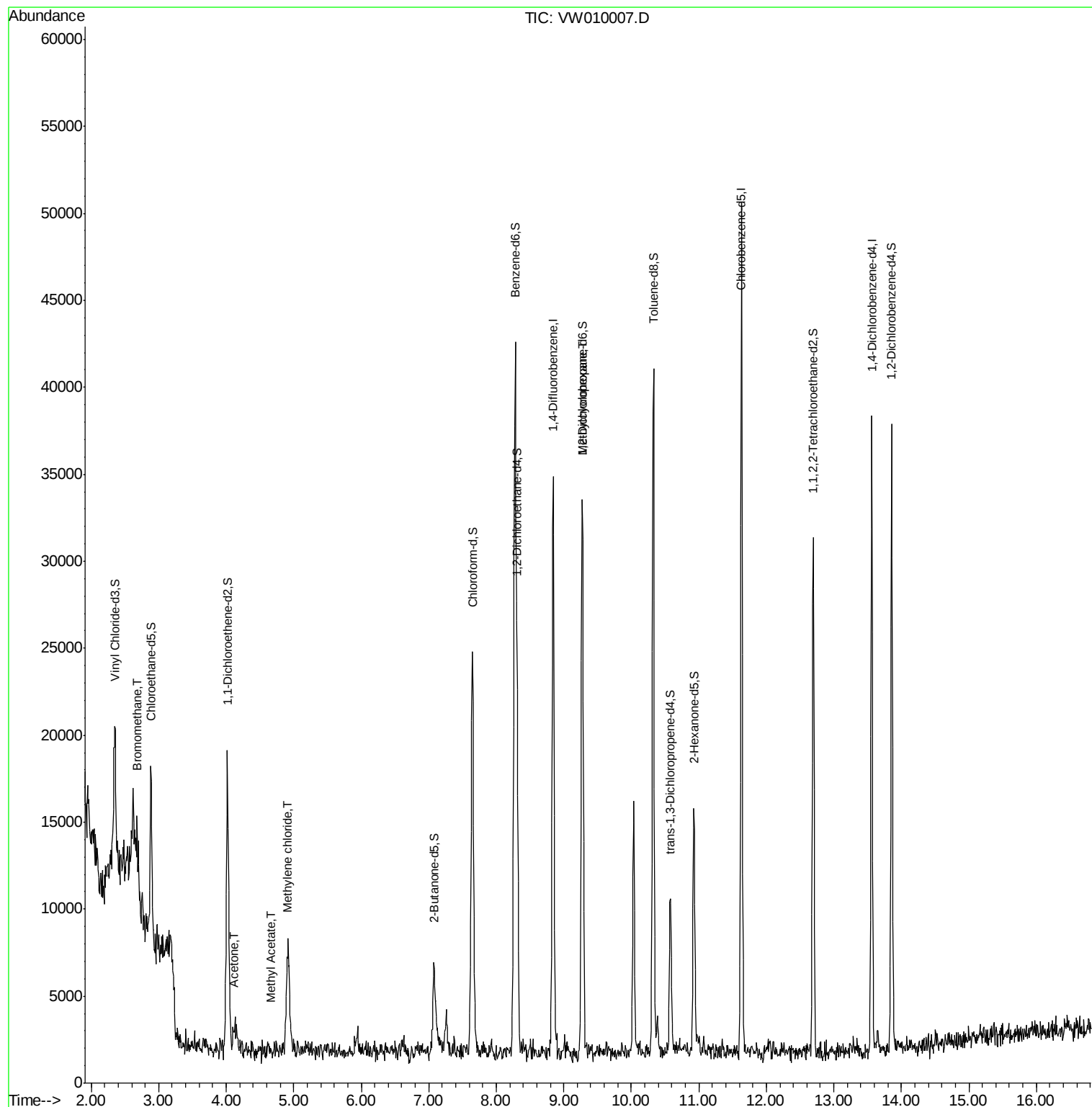
					Qvalue
6) Bromomethane	2.67	94	114	0.513 ug/L	60
13) Acetone	4.12	43	1124	9.887 ug/L	89
15) Methyl Acetate	4.67	43	303	1.321 ug/L #	56
16) Methylene chloride	4.90	84	1912	4.223 ug/L #	64
36) Methylcyclohexane	9.27	83	3388	5.640 ug/L #	15

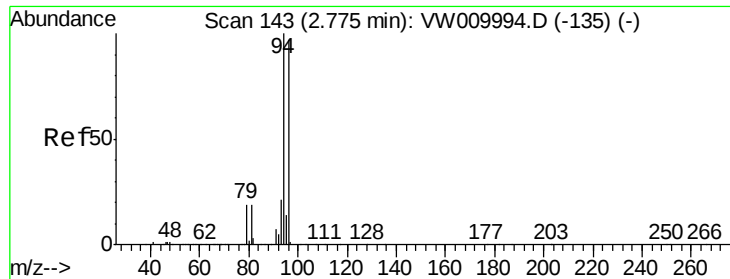
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Bromomethane

Concen: 0.513 ug/L

RT: 2.67 min Scan# 126

Delta R.T. -0.10 min

Lab File: VW010007.D

Acq: 16 Apr 2019 20:09

Instrument :

MSVOA_W

ClientSampled :

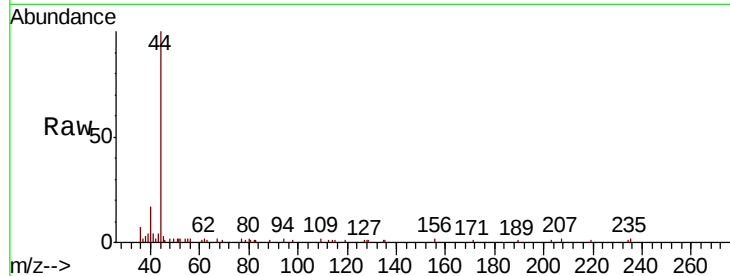
GAHJ5

Tgt Ion: 94 Resp: 114

Ion Ratio Lower Upper

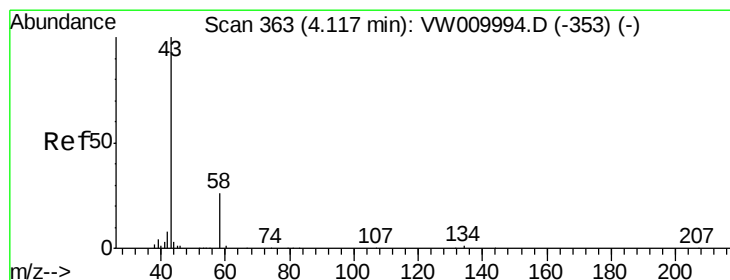
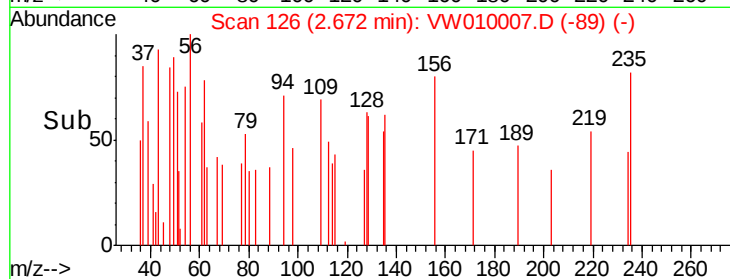
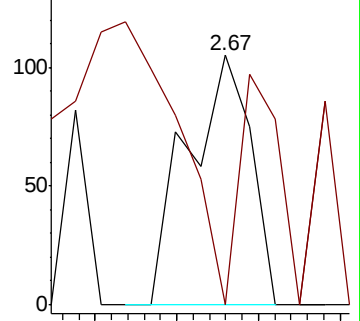
94 100

96 56.1 9.5 180.3



Abundance Ion 94.00 (93.70 to 94.70): VW

Ion 96.00 (95.70 to 96.70): VW



#13

Acetone

Concen: 9.887 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW010007.D

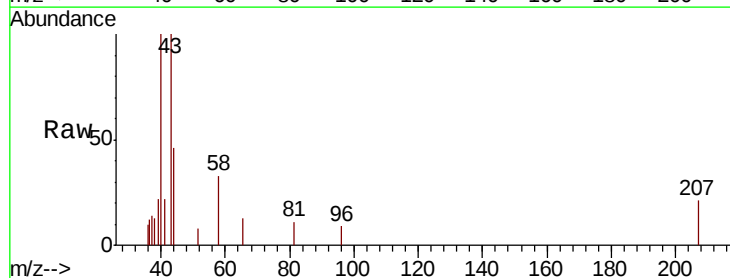
Acq: 16 Apr 2019 20:09

Tgt Ion: 43 Resp: 1124

Ion Ratio Lower Upper

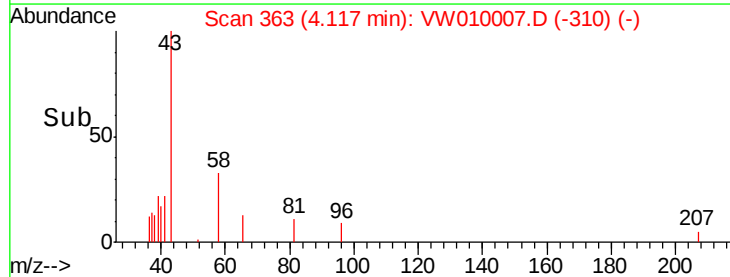
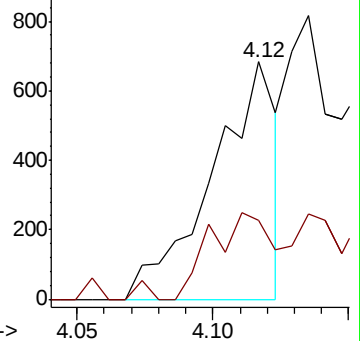
43 100

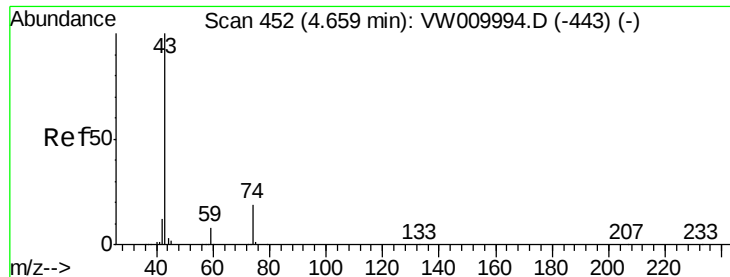
58 34.1 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

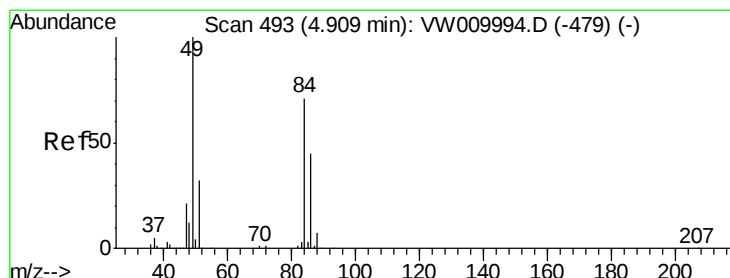
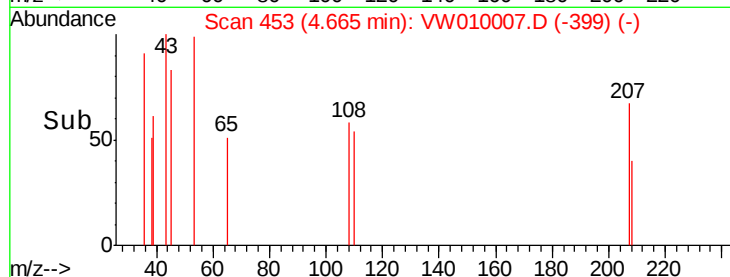
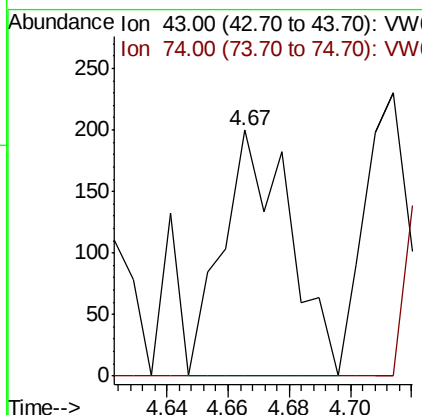
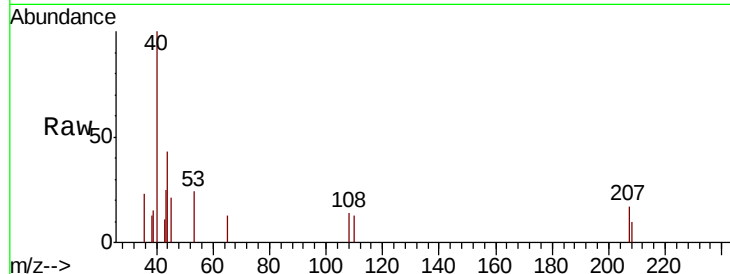




#15
Methyl Acetate
Concen: 1.321 ug/L
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW010007.D
Acq: 16 Apr 2019 20:09

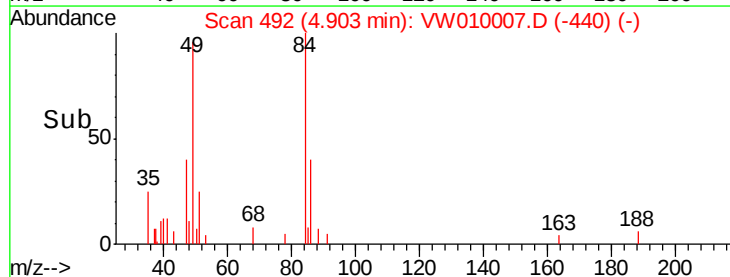
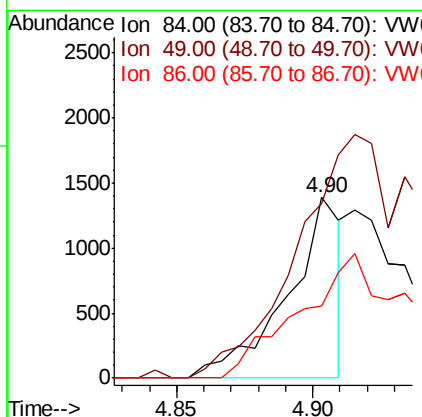
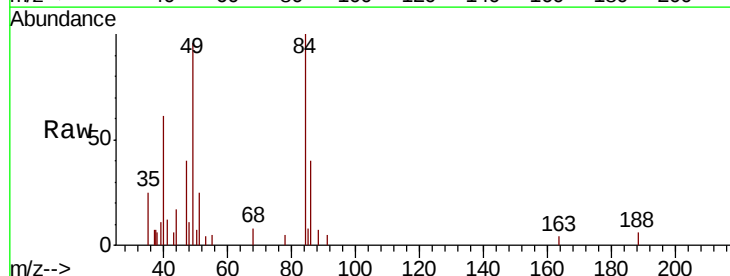
Instrument :
MSVOA_W
ClientSampled :
GAHJ5

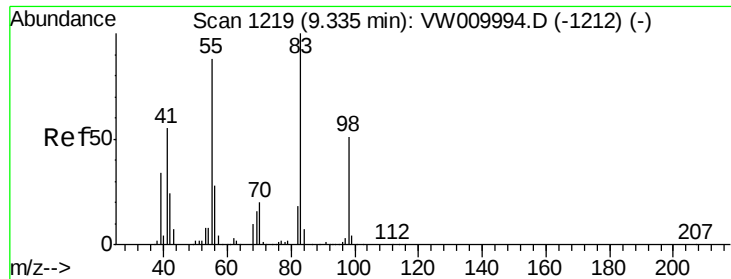
Tgt Ion: 43 Resp: 303
Ion Ratio Lower Upper
43 100
74 0.0 16.2 24.4#



#16
Methylene chloride
Concen: 4.223 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW010007.D
Acq: 16 Apr 2019 20:09

Tgt Ion: 84 Resp: 1912
Ion Ratio Lower Upper
84 100
49 96.5 100.7 187.1#
86 40.0 43.8 81.3#





#36

Methylcyclohexane

Concen: 5.640 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW010007.D

Acq: 16 Apr 2019 20:09

Instrument :

MSVOA_W

ClientSampleId :

GAHJ5

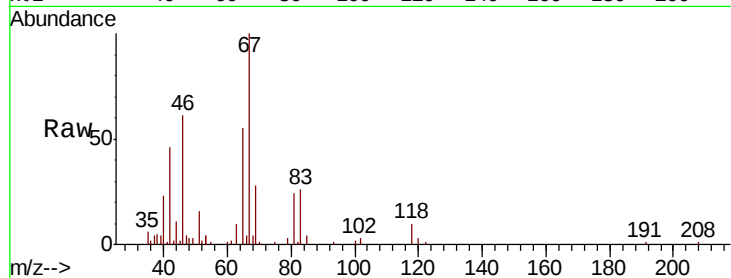
Tgt Ion: 83 Resp: 3388

Ion Ratio Lower Upper

83 100

55 1.5 68.4 102.6#

98 0.0 40.0 60.0#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

