

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010114.D
 Acq On : 24 Apr 2019 14:53
 Operator : SY/VA
 Sample : K2456-16
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHN6

Quant Time: Apr 25 01:52:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 01:36:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	637021	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	561242	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	199785	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117893	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.44%
7) Chloroethane-d5	2.89	69	104568	20.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.12%
10) 1,1-Dichloroethene-d2	4.01	63	269302	15.07	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.28%
20) 2-Butanone-d5	7.08	46	123412	42.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.84%
24) Chloroform-d	7.65	84	373861	22.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.16%
26) 1,2-Dichloroethane-d4	8.30	65	222987	22.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.92%
29) Benzene-d6	8.27	84	725712	22.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.32%
33) 1,2-Dichloropropane-d6	9.27	67	233603	23.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.28%
37) Toluene-d8	10.32	98	629794	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.24%
38) trans-1,3-Dichloropropene-	10.58	79	94253	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.56%
39) 2-Hexanone-d5	10.93	63	91002	43.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	168247	20.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	152036	20.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.20%

Target Compounds

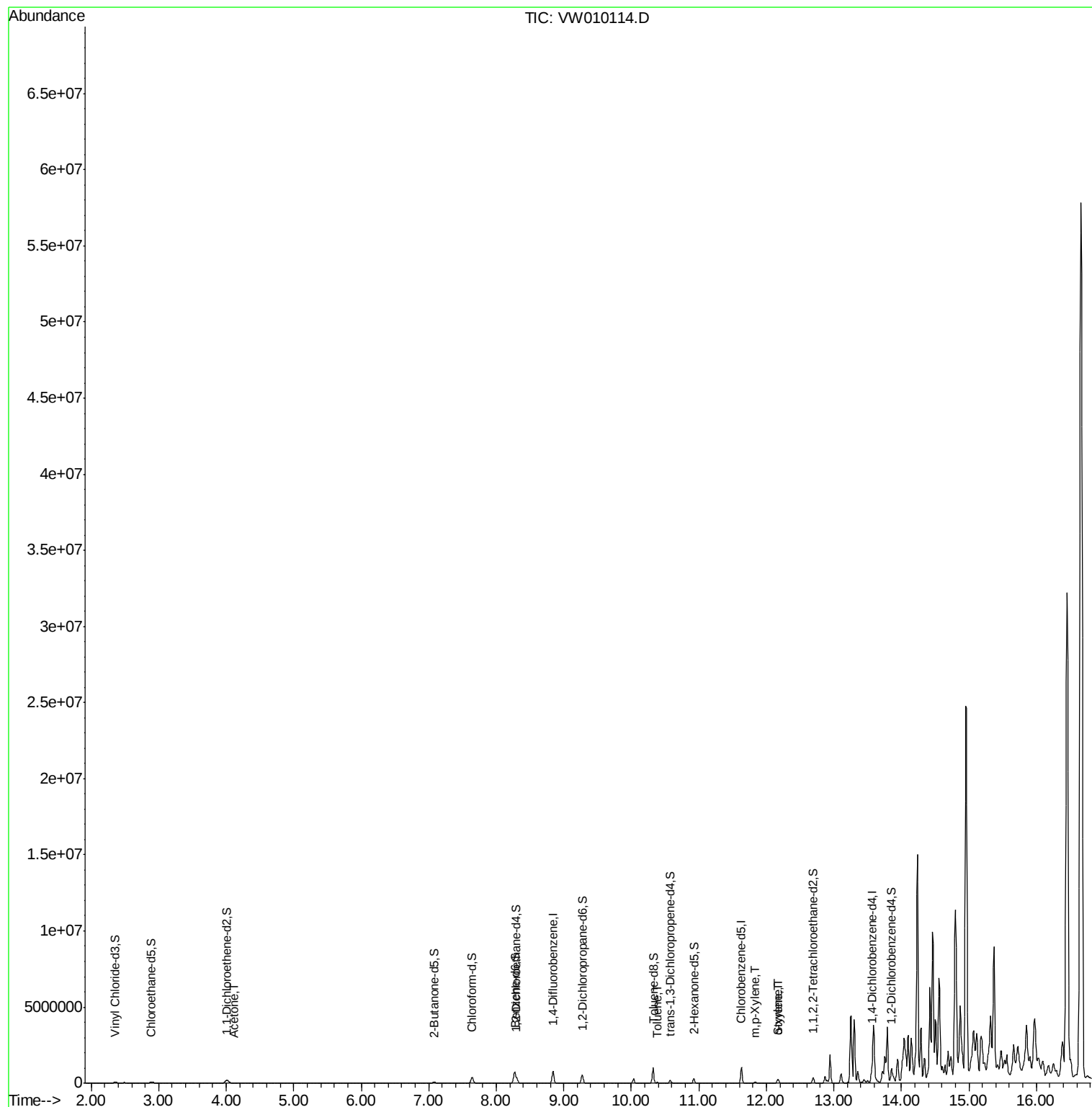
					Ovalue
13) Acetone	4.12	43	25222	11.622	ug/L 98
44) Toluene	10.38	91	32631	0.903	ug/L 96
54) m,p-Xylene	11.83	106	17431	1.162	ug/L 89
55) o-xylene	12.17	106	42092	2.959	ug/L 95
56) Styrene	12.18	104	61767	2.553	ug/L 99

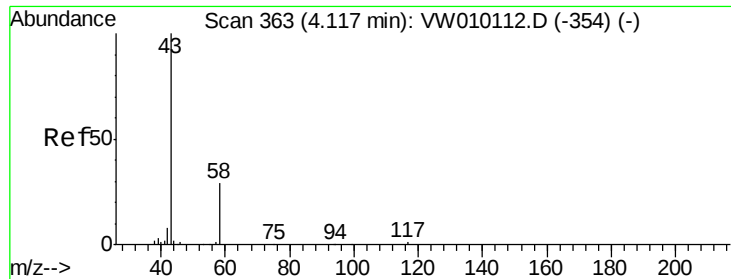
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.622 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010114.D

Acq: 24 Apr 2019 14:53

Instrument :

MSVOA_W

ClientSampleId :

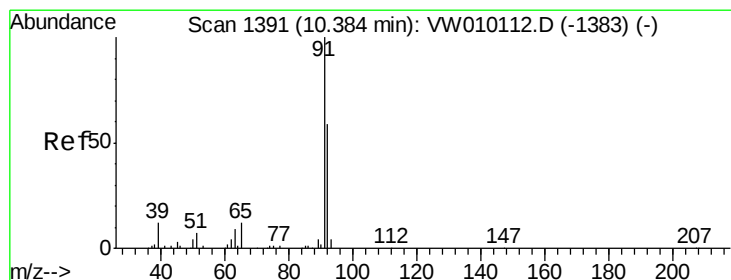
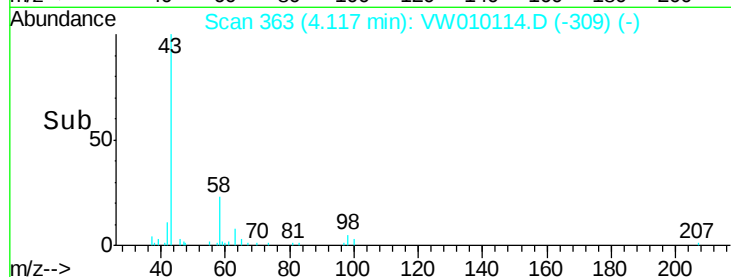
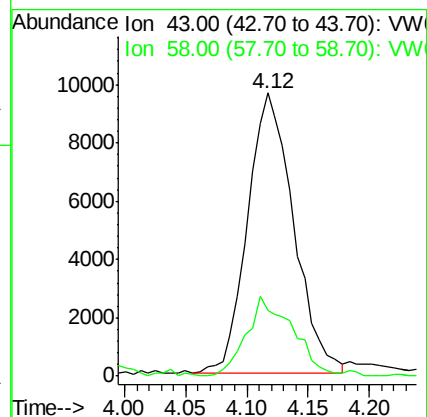
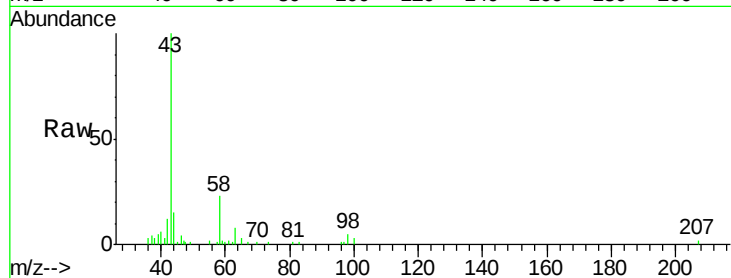
GAHN6

Tot Ion: 43 Resp: 25222

Ion Ratio Lower Upper

43 100

58 28.1 0.0 58.2



#44

Toluene

Concen: 0.903 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW010114.D

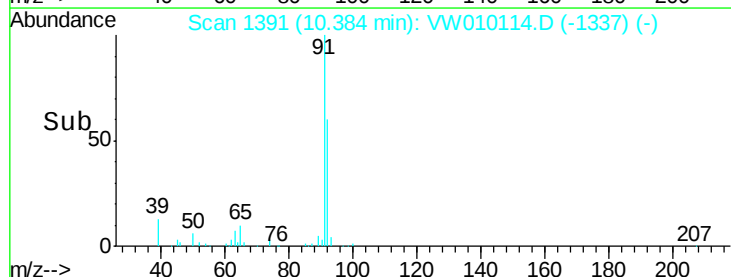
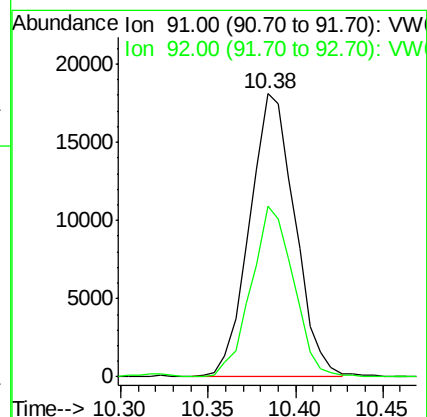
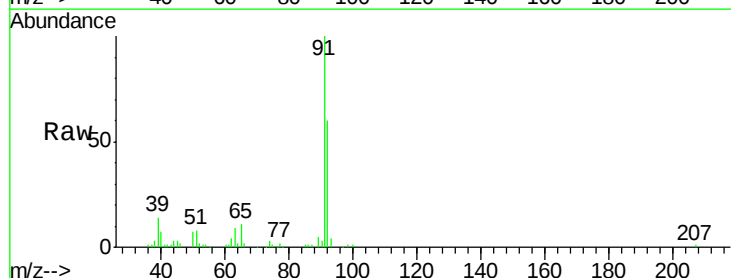
Acq: 24 Apr 2019 14:53

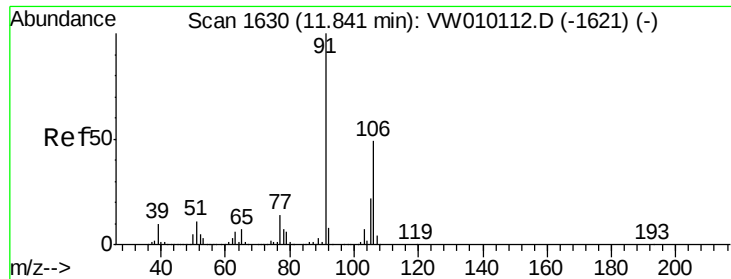
Tgt Ion: 91 Resp: 32631

Ion Ratio Lower Upper

91 100

92 60.5 40.3 74.9





#54

m,p-Xylene

Concen: 1.162 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW010114.D

Acq: 24 Apr 2019 14:53

Instrument :

MSVOA_W

ClientSampled :

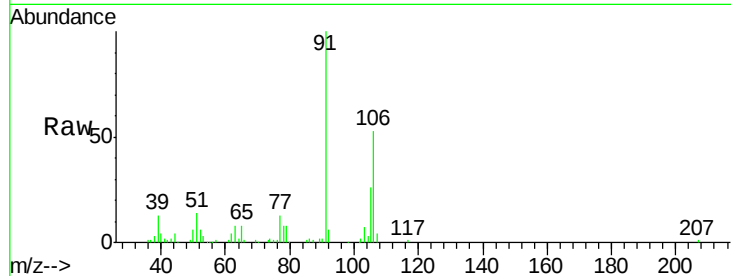
GAHN6

Tot Ion:106 Resp: 17431

Ion Ratio Lower Upper

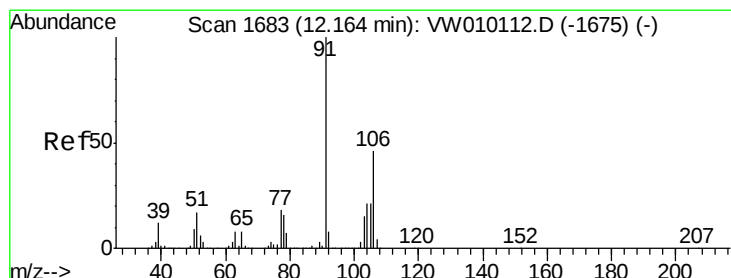
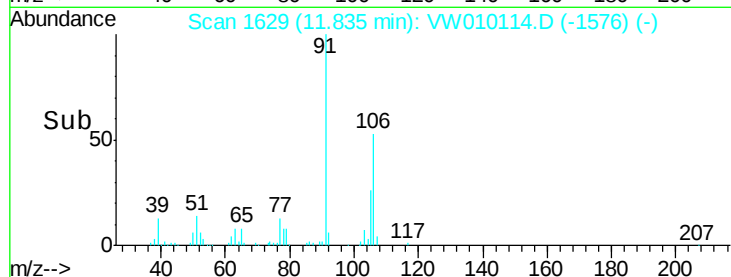
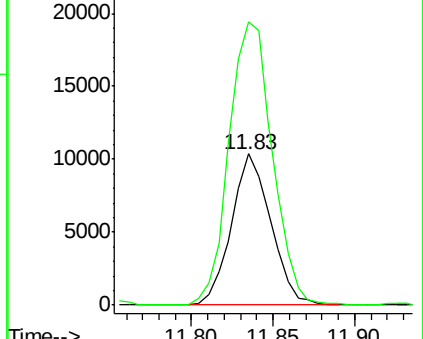
106 100

91 187.4 143.4 266.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 2.959 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VW010114.D

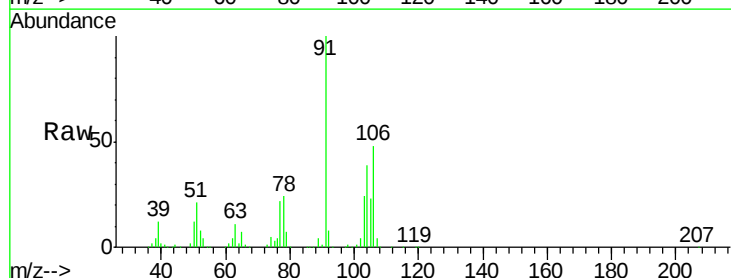
Acq: 24 Apr 2019 14:53

Tgt Ion:106 Resp: 42092

Ion Ratio Lower Upper

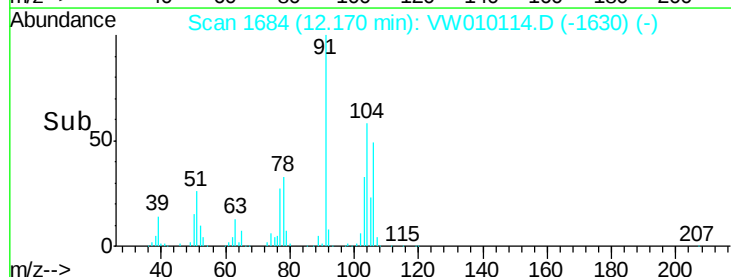
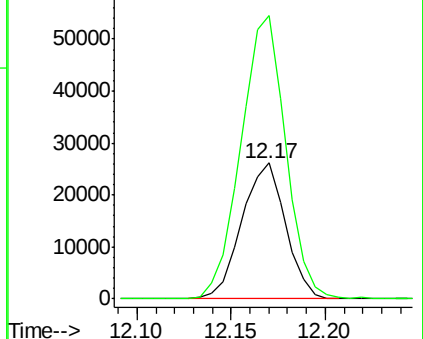
106 100

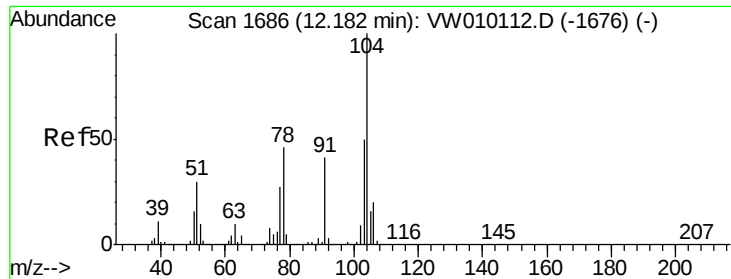
91 207.9 151.4 281.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#56

Stvrene

Concen: 2.553 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VW010114.D

Acq: 24 Apr 2019 14:53

Instrument :

MSVOA_W

ClientSampleId :

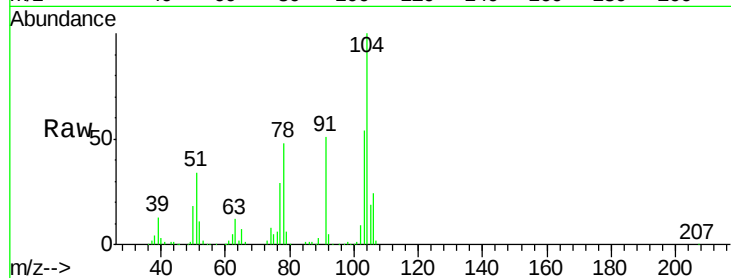
GAHN6

Tot Ion:104 Resp: 61767

Ion Ratio Lower Upper

104 100

78 48.5 33.4 62.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

