

Data File : VW009918.D
Acq On : 11 Apr 2019 16:44
Operator : SY/VA
Sample : K2303-11
Misc : 5.30G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF881

Quant Time: Apr 12 02:07:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 01:59:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	335610	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	292992	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	81515	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	81946	18.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.64%
7) Chloroethane-d5	2.89	69	79207	19.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.76%
10) 1,1-Dichloroethene-d2	4.01	63	162339	17.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.76%
20) 2-Butanone-d5	7.08	46	57654	40.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.86%
24) Chloroform-d	7.65	84	240397	26.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	8.30	65	163848	29.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.56%
29) Benzene-d6	8.27	84	412428	26.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.24%
33) 1,2-Dichloropropane-d6	9.27	67	141858	29.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.44%
37) Toluene-d8	10.32	98	326346	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.80%
38) trans-1,3-Dichloropropene-	10.58	79	48194	21.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.08%
39) 2-Hexanone-d5	10.93	63	32651	36.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	134309	30.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.64%#
61) 1,2-Dichlorobenzene-d4	13.86	152	78187	27.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.32%

Target Compounds

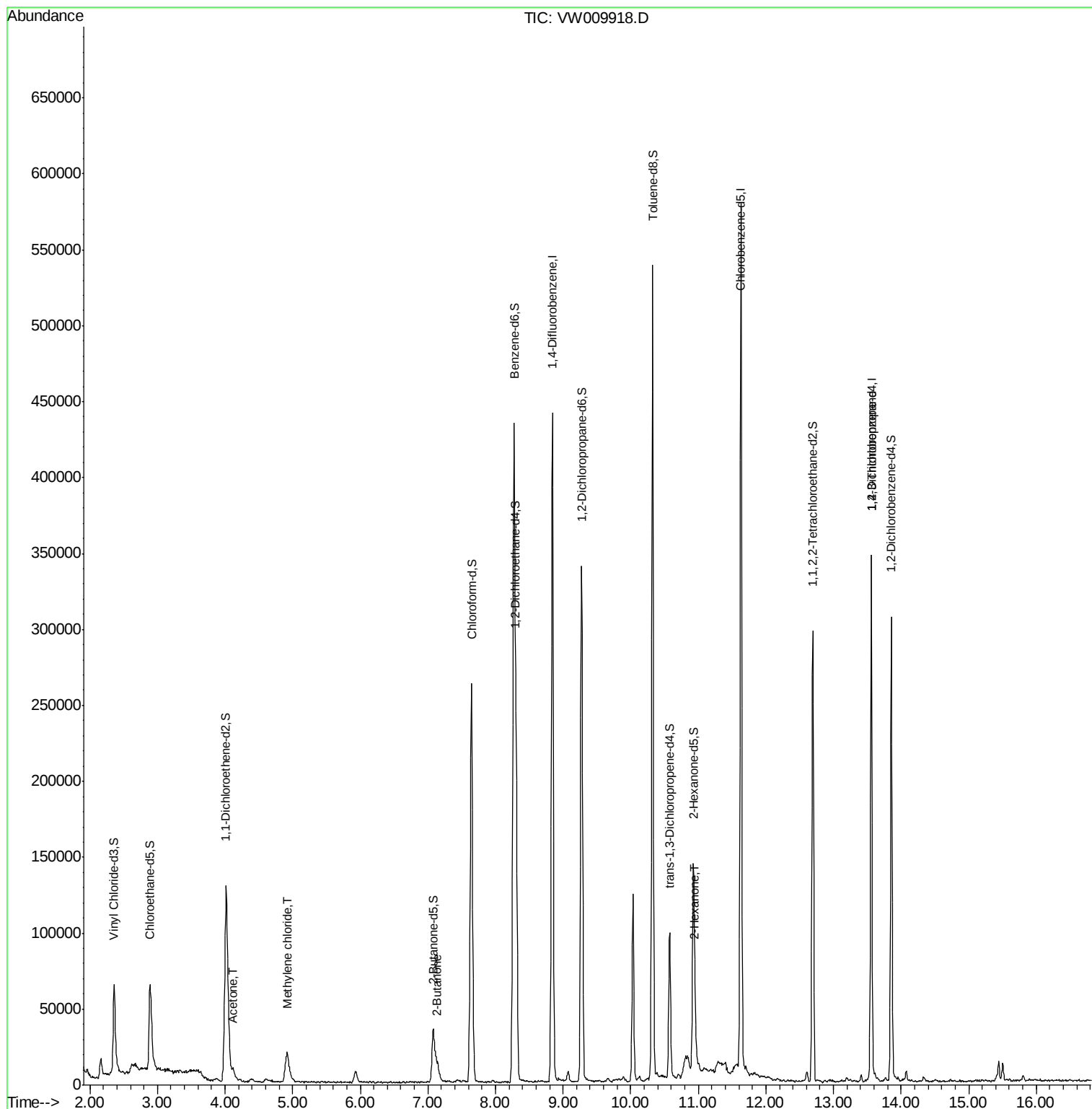
					Qvalue
13) Acetone	4.12	43	9463	6.194 ug/L	93
16) Methylene chloride	4.93	84	17060	2.882 ug/L	94
21) 2-Butanone	7.14	43	12253	6.306 ug/L #	53
49) 2-Hexanone	10.96	43	21953	8.411 ug/L #	42
59) 1,2,3-Trichloropropane	13.56	75	11655	3.438 ug/L	93

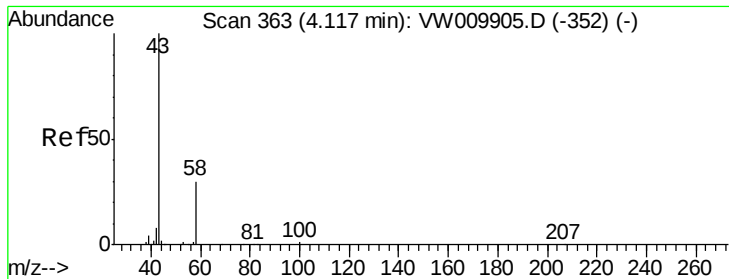
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.194 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Acq: 11 Apr 2019 16:44

Instrument :

MSVOA_W

ClientSampled :

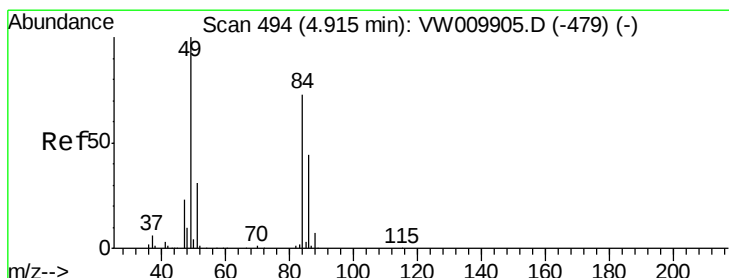
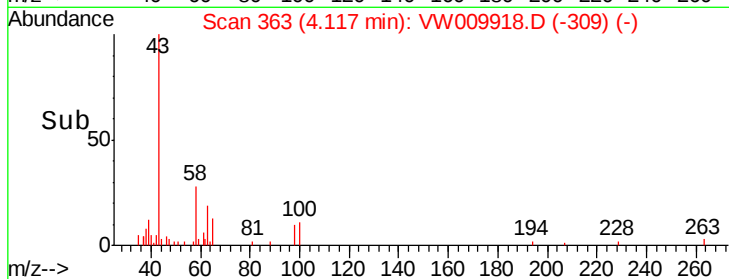
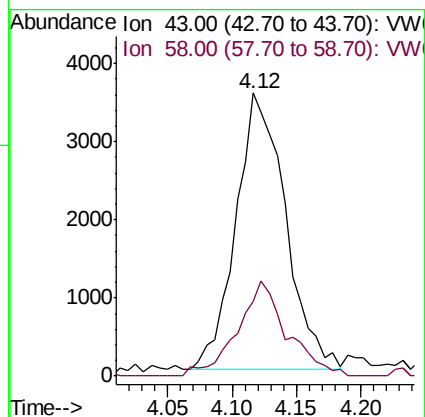
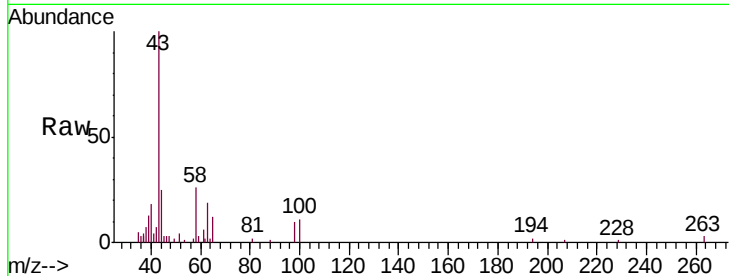
BF881

Tgt Ion: 43 Resp: 9463

Ion Ratio Lower Upper

43 100

58 23.0 0.0 53.0



#16

Methylene chloride

Concen: 2.882 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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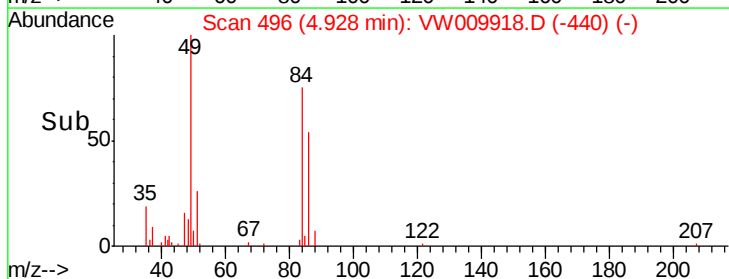
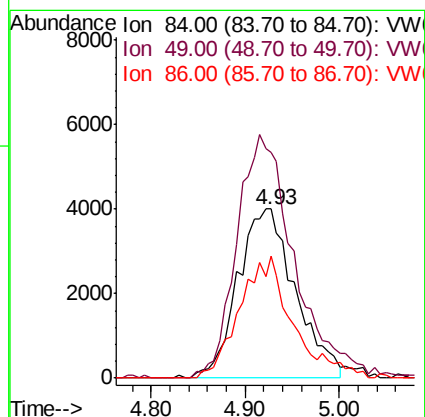
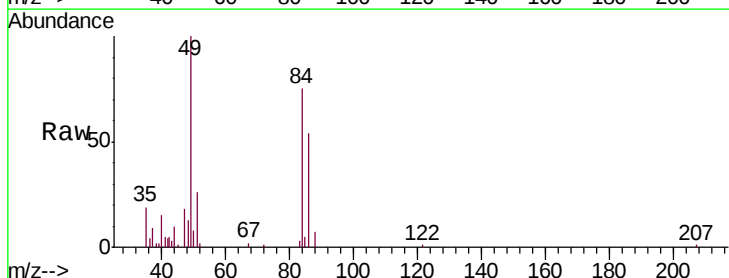
Tgt Ion: 84 Resp: 17060

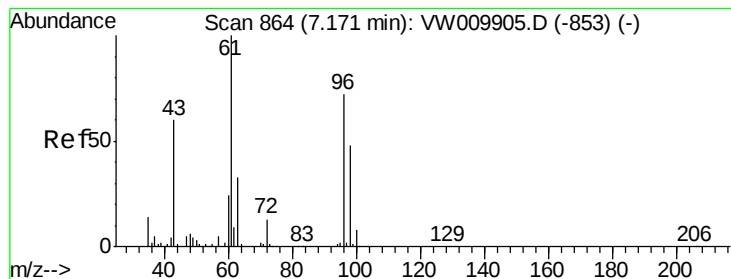
Ion Ratio Lower Upper

84 100

49 133.4 98.3 182.5

86 71.8 46.4 86.2





#21

2-Butanone

Concen: 6.306 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW009918.D

Acq: 11 Apr 2019 16:44

Instrument :

MSVOA_W

ClientSampleId :

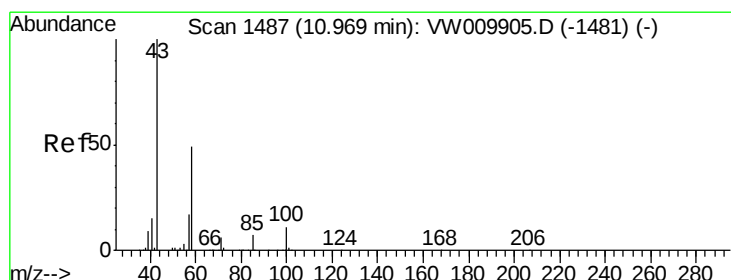
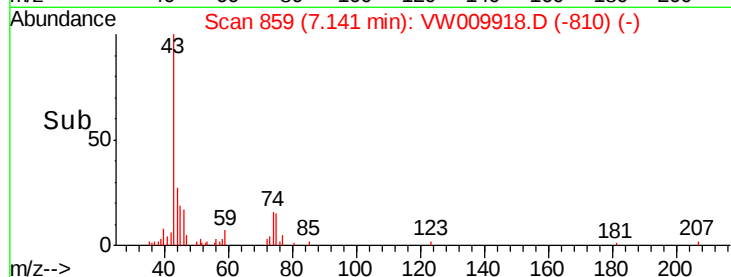
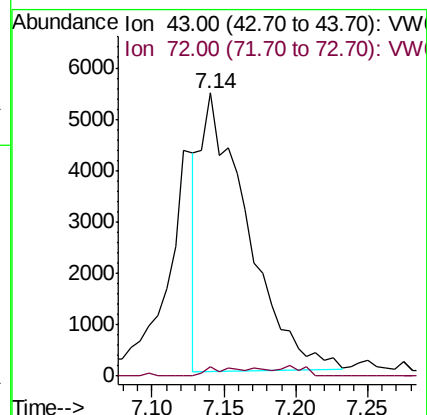
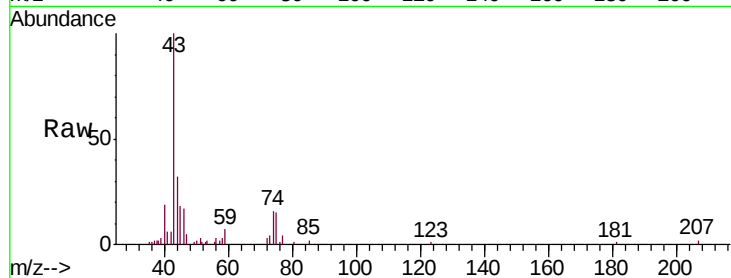
BF881

Tgt Ion: 43 Resp: 12253

Ion Ratio Lower Upper

43 100

72 1.0 12.0 36.1#



#49

2-Hexanone

Concen: 8.411 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW009918.D

Acq: 11 Apr 2019 16:44

Tgt Ion: 43 Resp: 21953

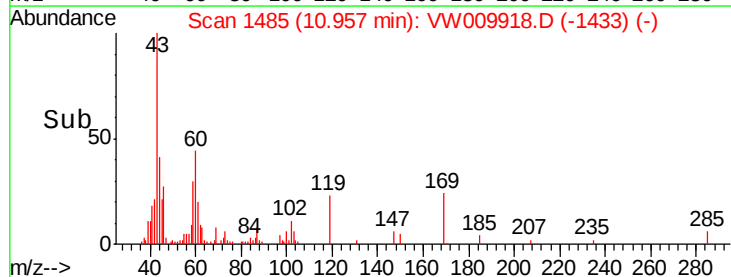
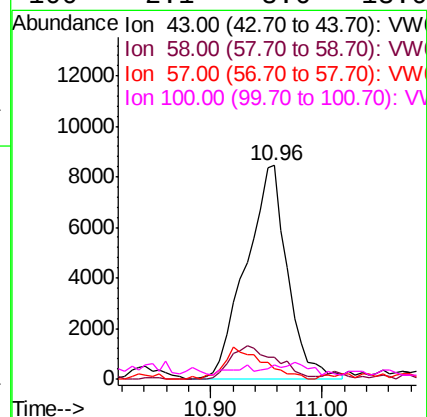
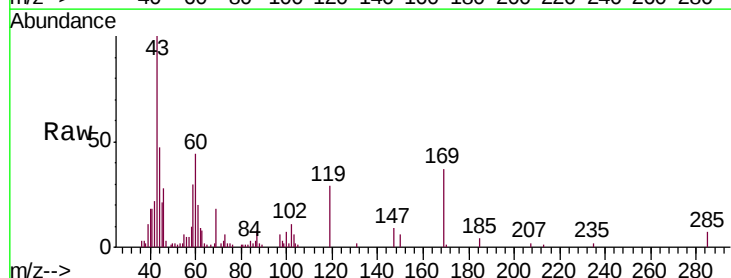
Ion Ratio Lower Upper

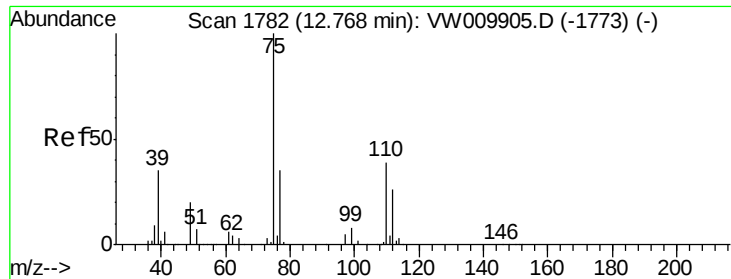
43 100

58 0.0 38.9 58.3#

57 0.0 13.8 20.6#

100 2.1 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 3.438 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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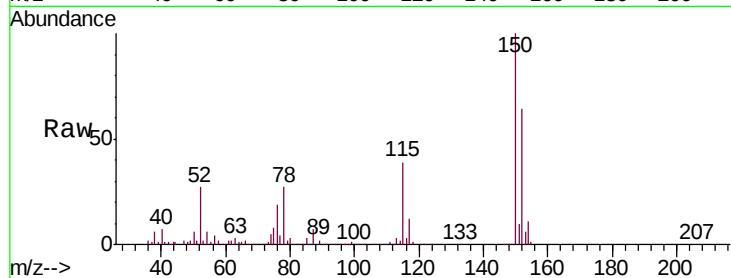
BF881

Tgt Ion: 75 Resp: 11655

Ion Ratio Lower Upper

75 100

77 36.4 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

