

Data File : VW008927.D
Acq On : 01 Mar 2019 16:52
Operator : SY/VA
Sample : K1657-10
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB654

Quant Time: Mar 02 02:59:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 02 02:55:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	354004	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328606	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	146738	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	115480	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.88%
7) Chloroethane-d5	2.89	69	114315	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.48%
10) 1,1-Dichloroethene-d2	4.01	63	153743	16.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.16%
20) 2-Butanone-d5	7.08	46	54073	32.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.86%
24) Chloroform-d	7.65	84	191266	22.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	8.46	65	121	0.02	ug/L	0.15
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	414928	26.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.20%
33) 1,2-Dichloropropane-d6	9.27	67	125640	27.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.76%
37) Toluene-d8	10.32	98	419881	26.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.32%
38) trans-1,3-Dichloropropene-	10.58	79	43961	18.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.92%
39) 2-Hexanone-d5	10.93	63	42364	33.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98265	21.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	130239	24.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.64%

Target Compounds

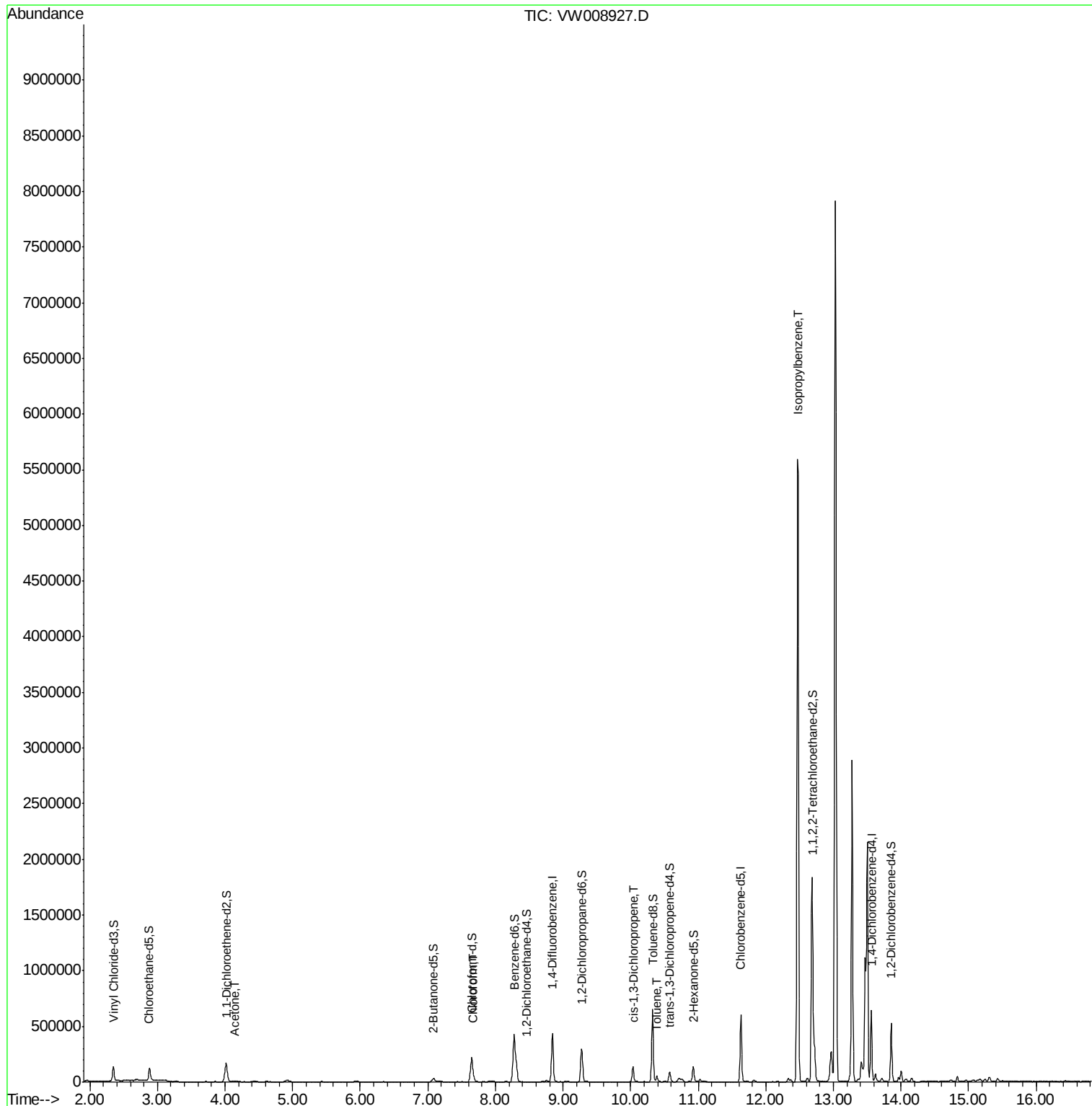
					Qvalue
13) Acetone	4.14	43	12897	8.278 ug/L	85
25) Chloroform	7.67	83	21146	2.434 ug/L	86
42) cis-1,3-Dichloropropene	10.04	75	4061	0.569 ug/L	83
44) Toluene	10.39	91	36487	1.780 ug/L	99
57) Isopropylbenzene	12.48	105	224012	9.322 ug/L #	1

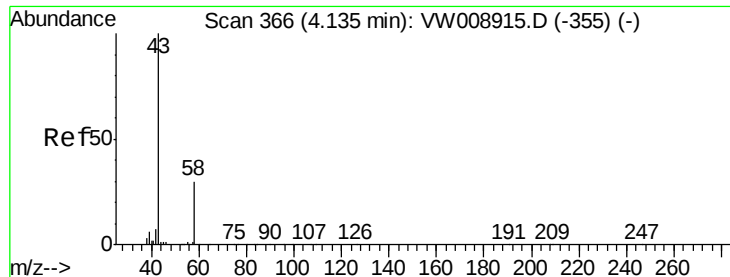
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.278 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

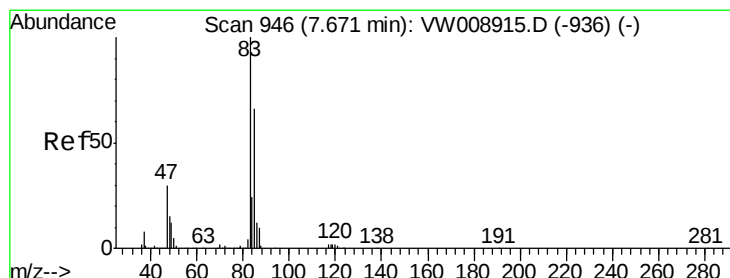
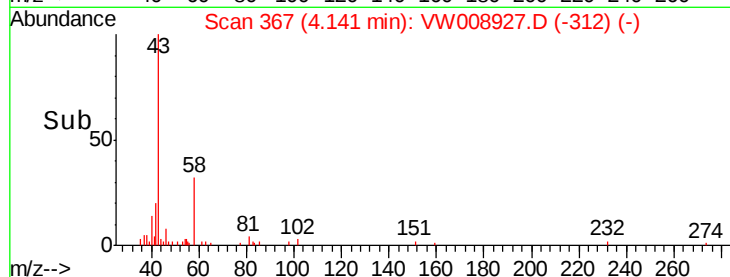
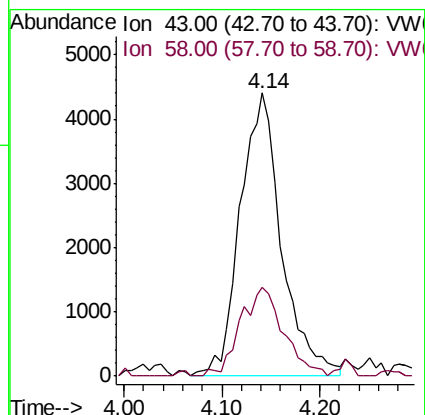
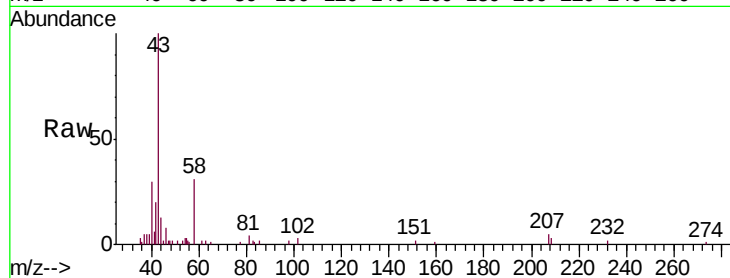
DB654

Tgt Ion: 43 Resp: 12897

Ion Ratio Lower Upper

43 100

58 21.5 0.0 58.6



#25

Chloroform

Concen: 2.434 ug/L

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

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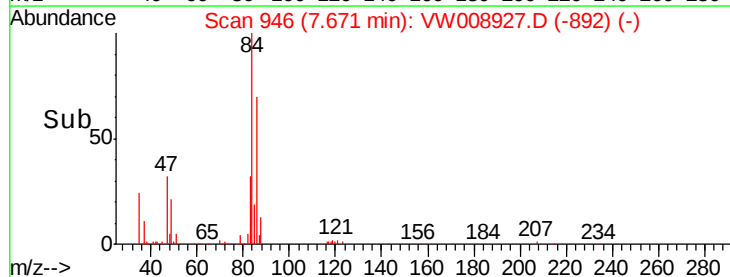
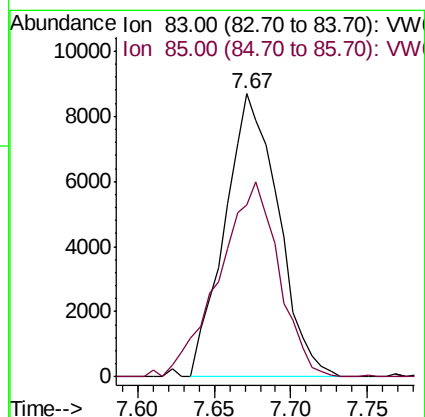
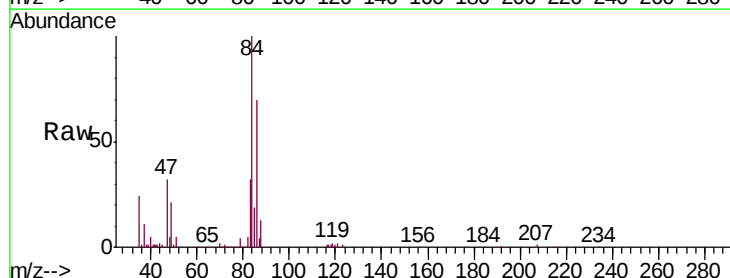
Acq: 01 Mar 2019 16:52

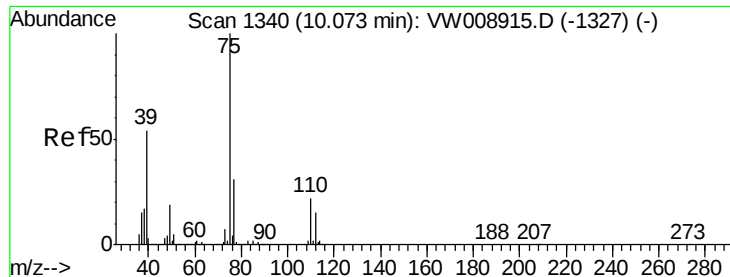
Tgt Ion: 83 Resp: 21146

Ion Ratio Lower Upper

83 100

85 76.3 45.8 85.2





#42

cis-1,3-Dichloropropene

Concen: 0.569 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampled :

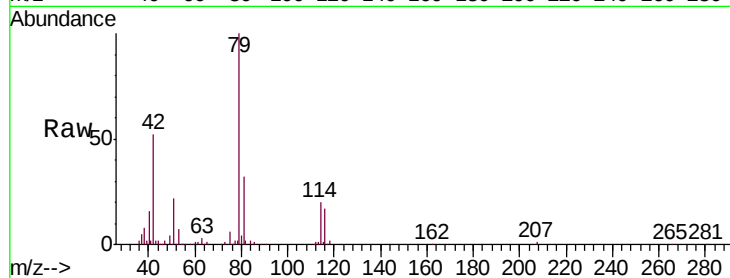
DB654

Tgt Ion: 75 Resp: 4061

Ion Ratio Lower Upper

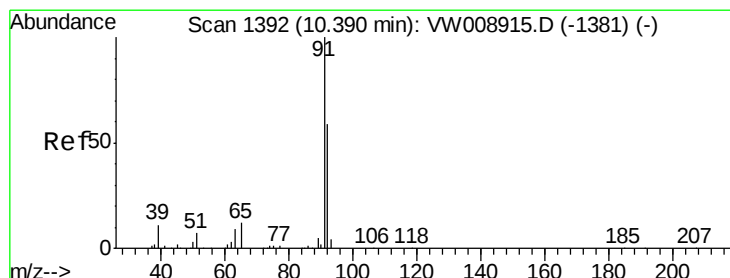
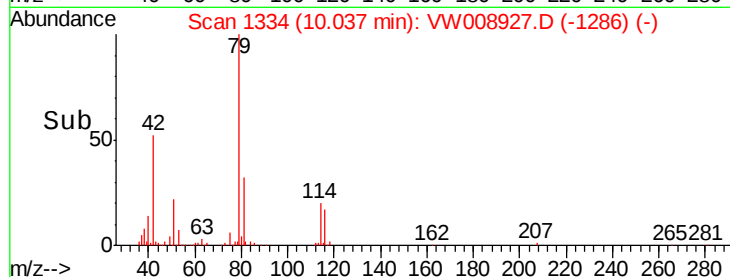
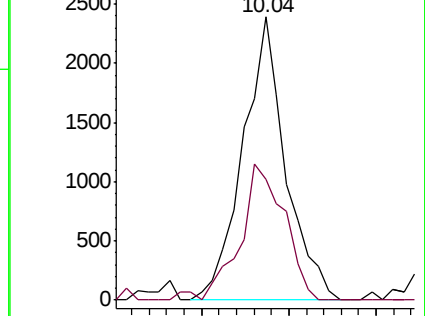
75 100

77 42.7 23.0 42.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#44

Toluene

Concen: 1.780 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

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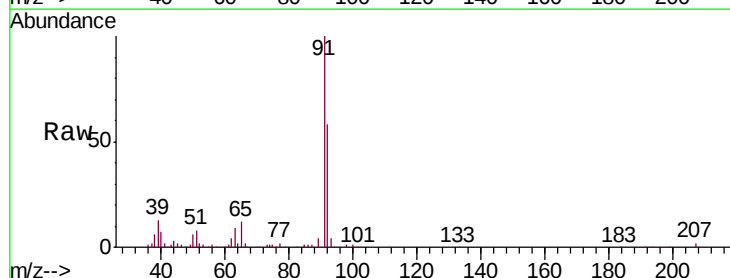
Acq: 01 Mar 2019 16:52

Tgt Ion: 91 Resp: 36487

Ion Ratio Lower Upper

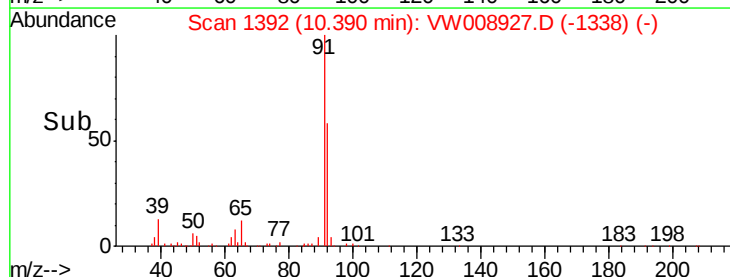
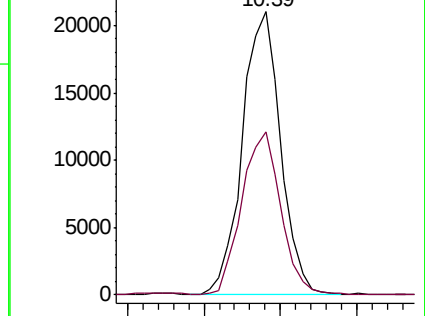
91 100

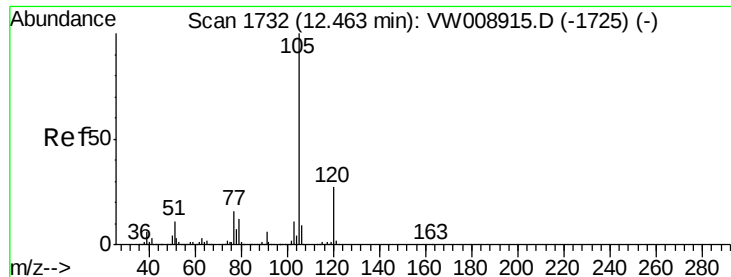
92 57.7 39.6 73.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#57

Isopropylbenzene

Concen: 9.322 ug/L

RT: 12.48 min Scan# 1734

Delta R.T. 0.01 min

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ClientSampleId :

DB654

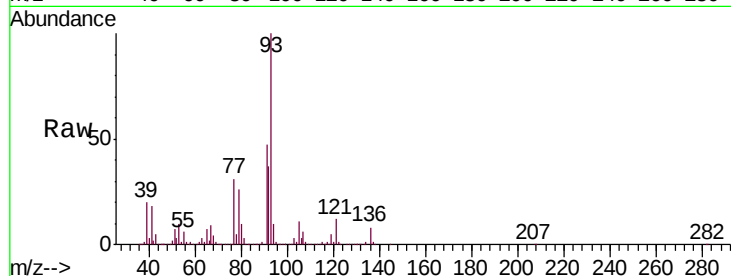
Tgt Ion:105 Resp: 224012

Ion Ratio Lower Upper

105 100

120 7.1 21.1 31.7#

77 290.1 12.4 18.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V

