

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052220\
 Data File : VU038281.D
 Acq On : 22 May 2020 16:43
 Operator : JC/MD
 Sample : L2724-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4W5

Quant Time: May 22 22:41:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 22 22:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	344497	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	333830	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	165251	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	104140	3.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.20%
7) Chloroethane-d5	1.93	69	92986	3.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.20%
11) 1,1-Dichloroethene-d2	2.59	63	155929	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.66	46	388940	50.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.06%
24) Chloroform-d	5.10	84	215933	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.74	65	124787	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.76	84	447670	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.72	67	145141	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.92	98	397022	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.20	79	55208	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.65	63	303505	49.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.40%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115512	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	156619	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

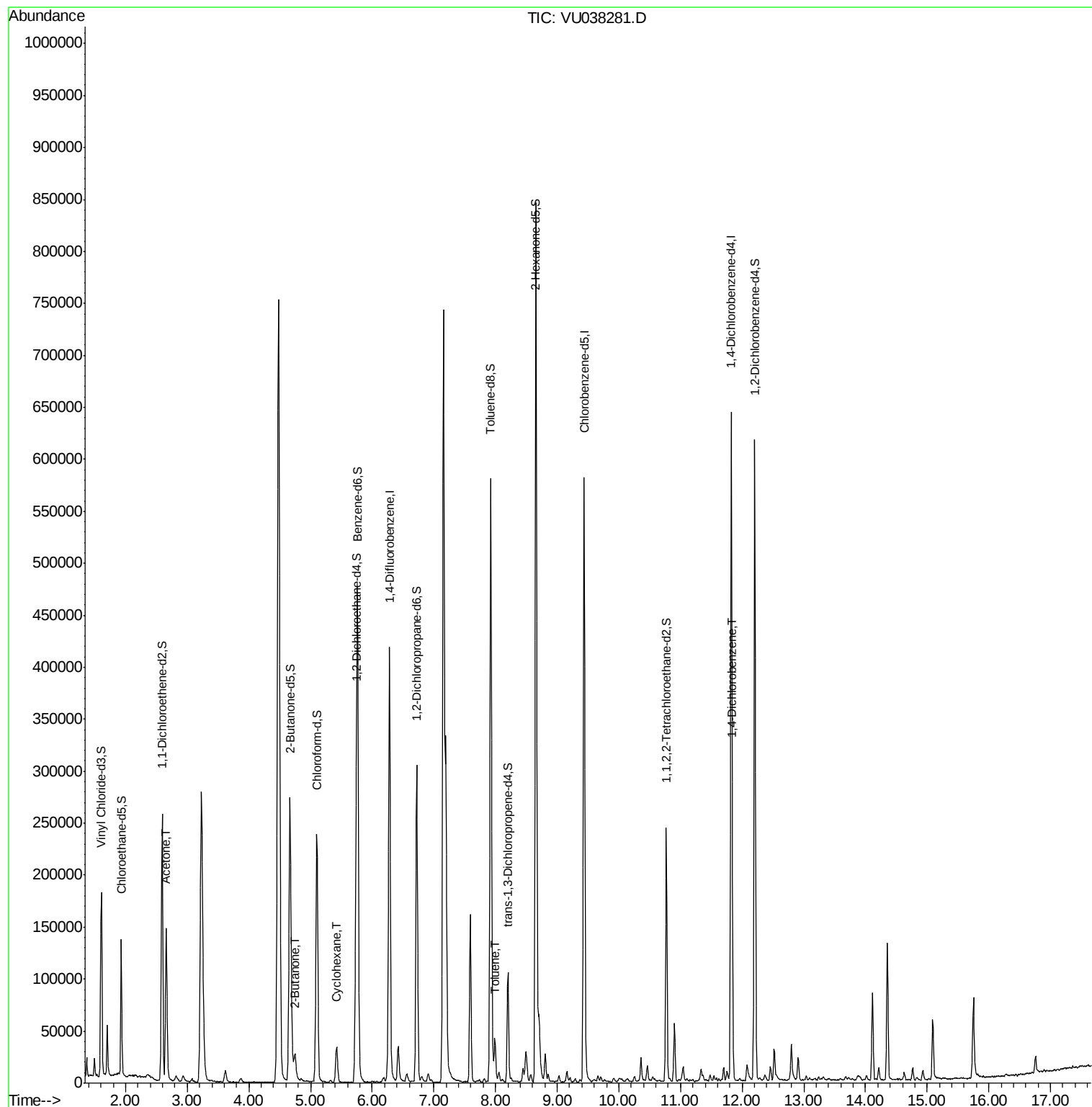
					Ovalue
13) Acetone	2.66	43	176291	36.142	ug/L 100
21) 2-Butanone	4.75	43	31799	3.693	ug/L 99
30) Cyclohexane	5.42	56	16723	0.370	ug/L 96
42) Toluene	7.99	91	25676	0.228	ug/L 96
63) 1,4-Dichlorobenzene	11.85	146	12763	0.234	ug/L 89

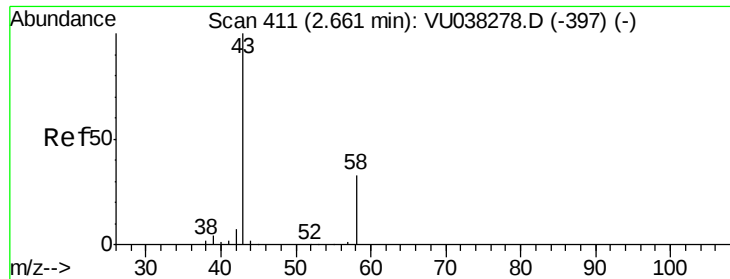
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 36.142 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU038281.D

Acq: 22 May 2020 16:43

Instrument :

MSVOA_U

ClientSampleId :

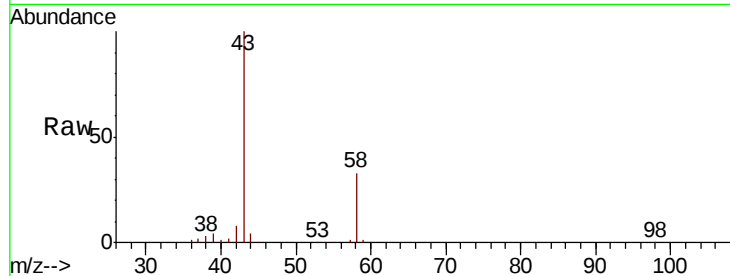
BE4W5

Tot Ion: 43 Resp: 176291

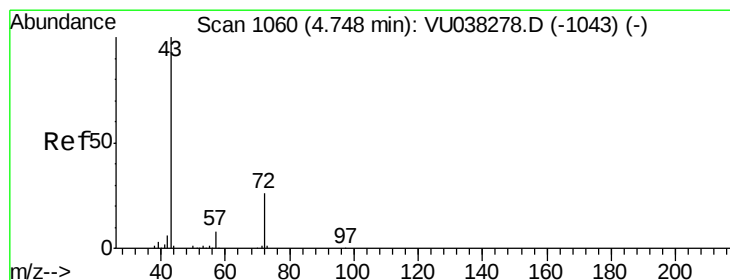
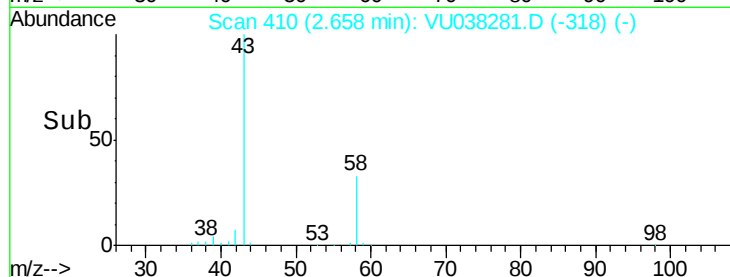
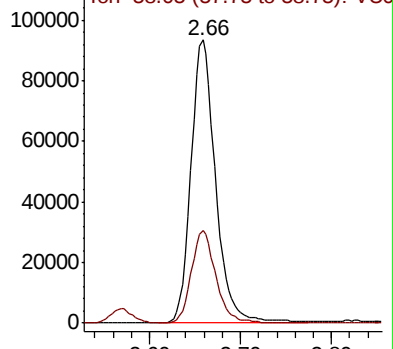
Ion Ratio Lower Upper

43 100

58 31.8 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038281.D (-318) (-)



#21

2-Butanone

Concen: 3.693 ug/L

RT: 4.75 min Scan# 1060

Delta R.T. 0.00 min

Lab File: VU038281.D

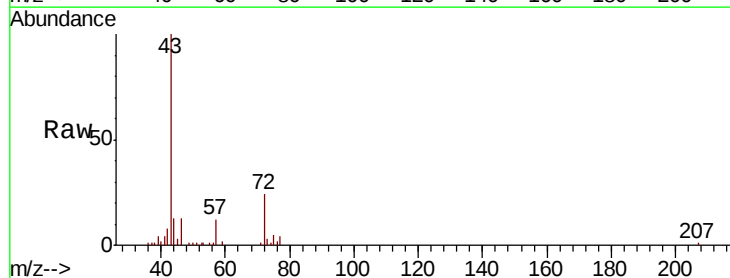
Acq: 22 May 2020 16:43

Tgt Ion: 43 Resp: 31799

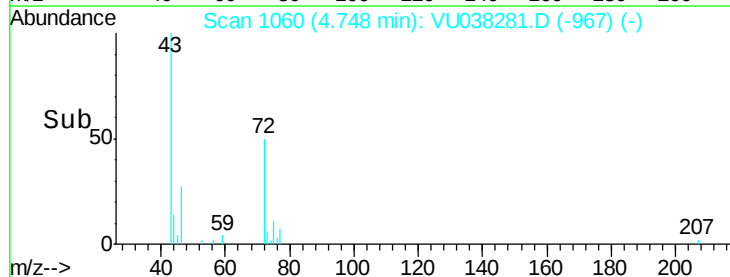
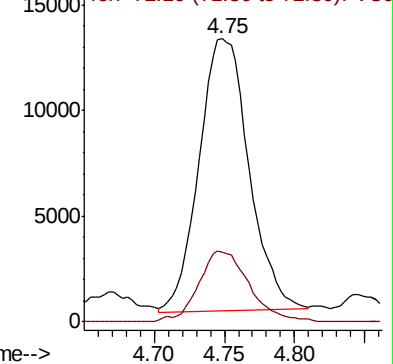
Ion Ratio Lower Upper

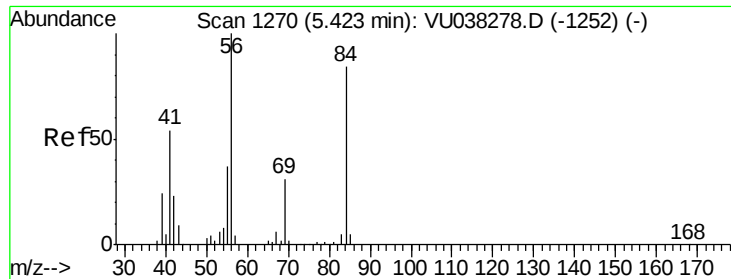
43 100

72 26.5 13.5 40.4



Abundance Ion 43.05 (42.75 to 43.75): VU038281.D (-967) (-)

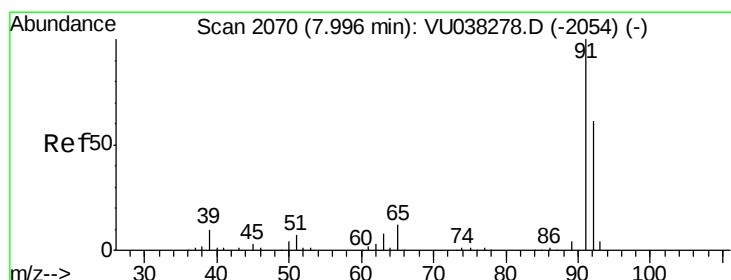
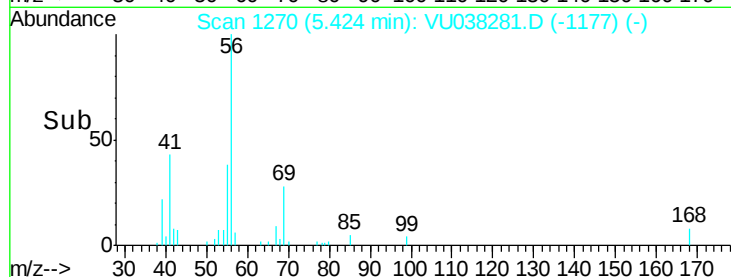
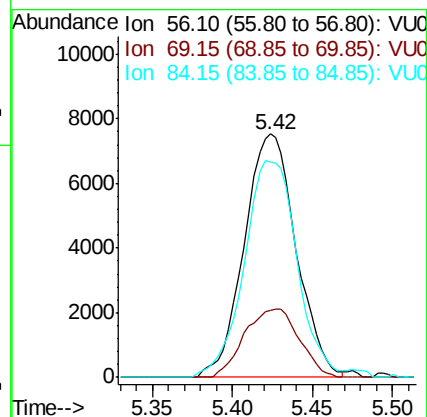
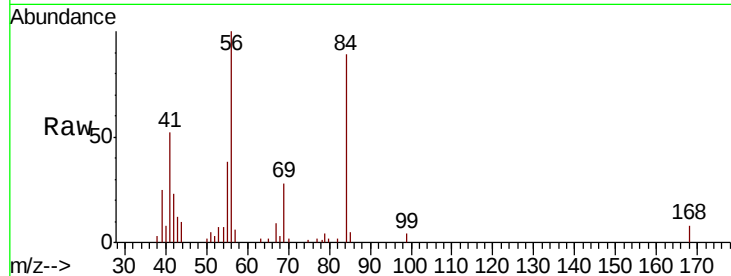




#30
Cyclohexane
Concen: 0.370 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038281.D
Acq: 22 May 2020 16:43

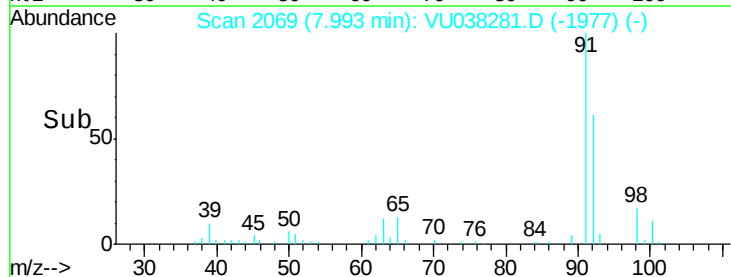
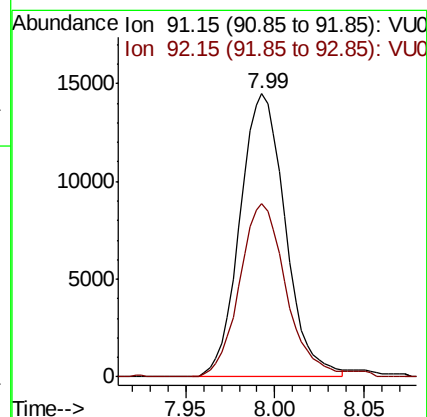
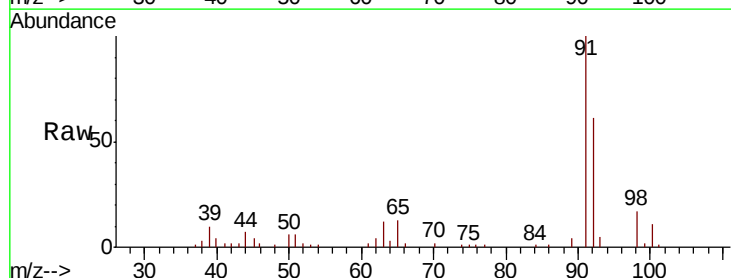
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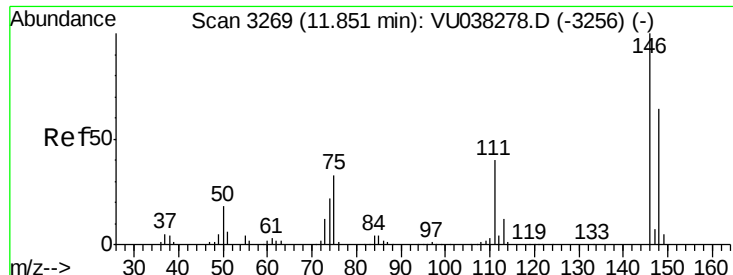
Tot Ion: 56 Resp: 16723
Ion Ratio Lower Upper
56 100
69 29.7 24.2 36.4
84 90.4 68.5 102.7



#42
Toluene
Concen: 0.228 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038281.D
Acq: 22 May 2020 16:43

Tgt Ion: 91 Resp: 25676
Ion Ratio Lower Upper
91 100
92 61.1 40.9 75.9





#63

1,4-Dichlorobenzene

Concen: 0.234 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038281.D

Acq: 22 May 2020 16:43

Instrument :

MSVOA_U

ClientSampleId :

BE4W5

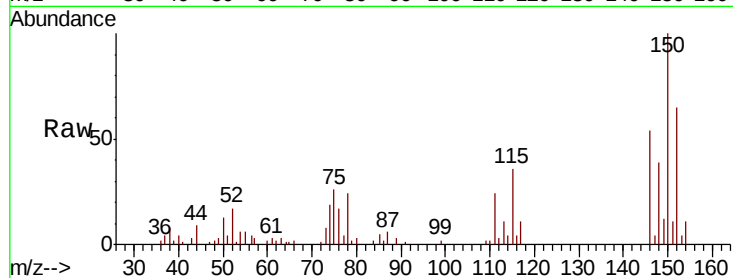
Tot Ion:146 Resp: 12763

Ion Ratio Lower Upper

146 100

111 44.3 27.2 50.6

148 72.0 43.8 81.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

