

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041761.D
 Acq On : 22 Dec 2020 23:12
 Operator : SY/MD
 Sample : L5161-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB243

Quant Time: Dec 23 06:44:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 05:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	130755	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119325	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51178	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31805	3.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.20%
7) Chloroethane-d5	1.92	69	37653	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.58	63	56368	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	4.66	46	201409	68.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.18%#
24) Chloroform-d	5.08	84	96640	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
26) 1,2-Dichloroethane-d4	5.72	65	55542	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
32) Benzene-d6	5.74	84	177698	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.70	67	59619	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	7.91	98	140217	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	8.19	79	24025	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.64	63	160210	60.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.68%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52115	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	50960	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

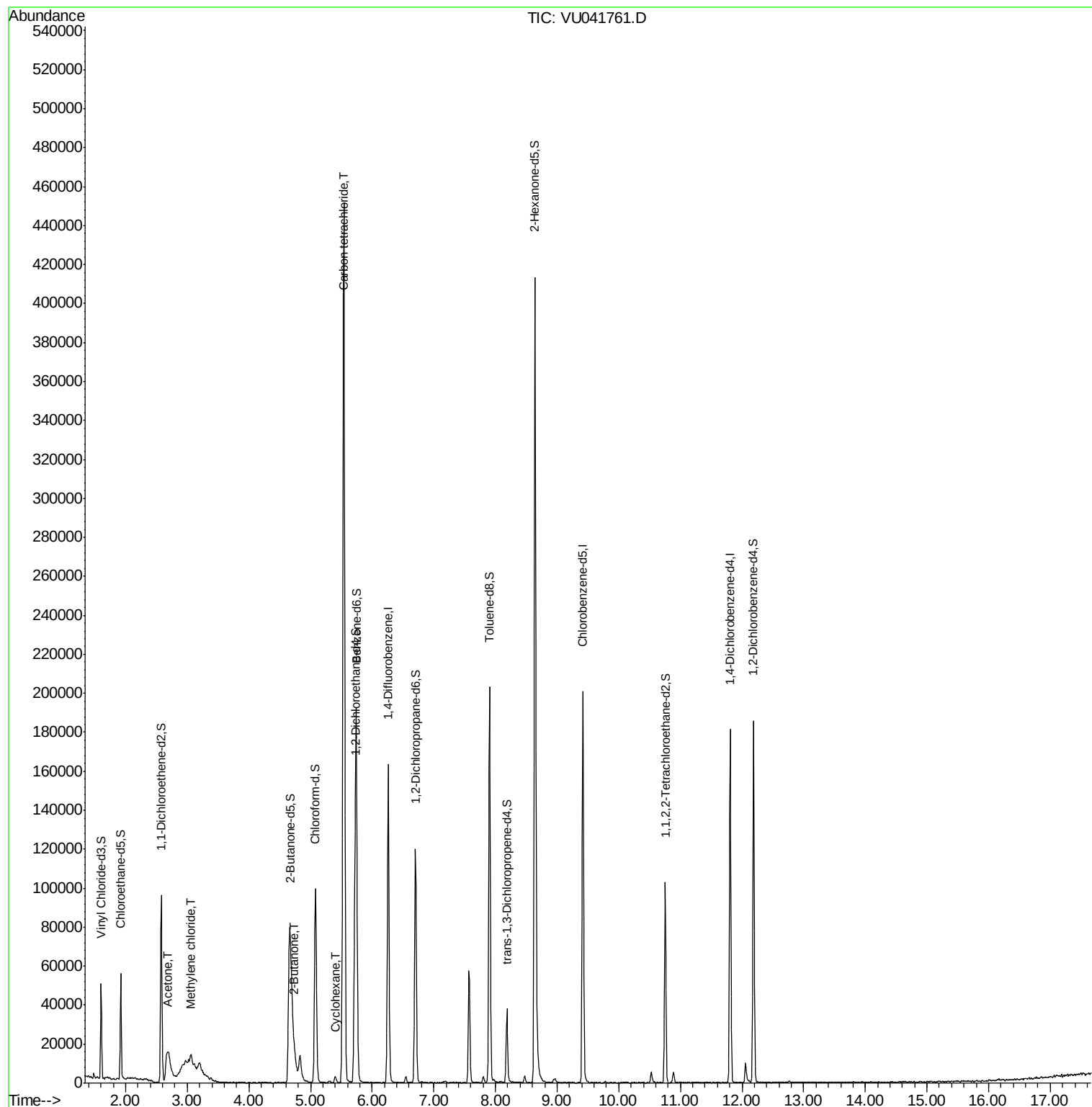
					Ovalue
13) Acetone	2.68	43	57256	30.655 ug/L	76
16) Methylene chloride	3.06	84	2154	0.203 ug/L	93
21) 2-Butanone	4.74	43	4014	1.319 ug/L #	69
30) Cyclohexane	5.40	56	1773	0.115 ug/L	88
31) Carbon tetrachloride	5.54	117	311486	26.288 ug/L	99

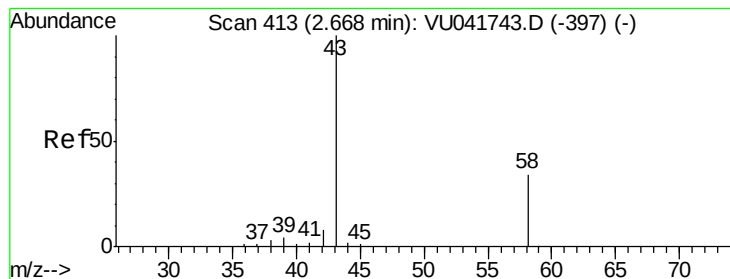
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 30.655 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU041761.D

Acq: 22 Dec 2020 23:12

Instrument :

MSVOA_U

ClientSampled :

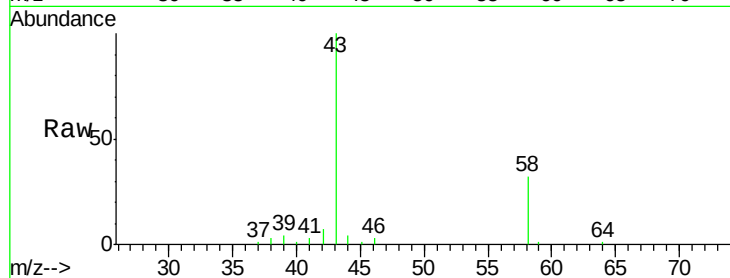
GB243

Tot Ion: 43 Resp: 57256

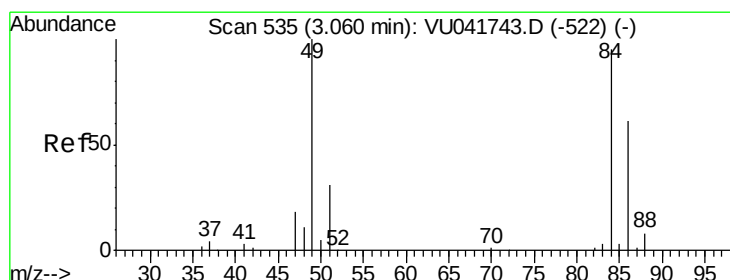
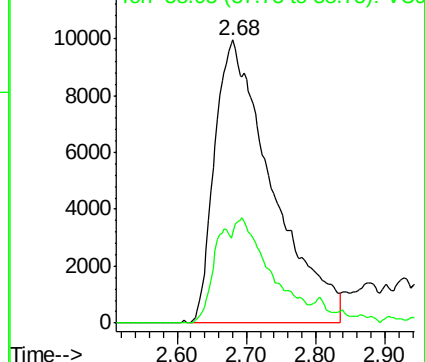
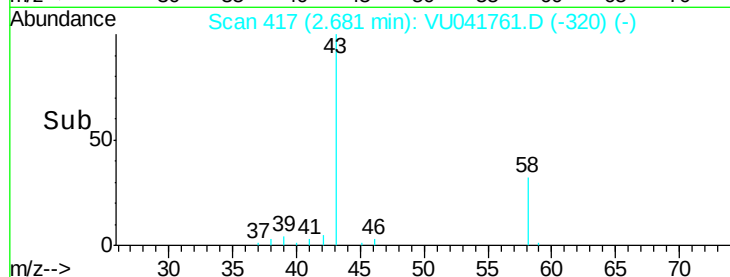
Ion Ratio Lower Upper

43 100

58 22.3 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU041761.D (-320) (-)



#16

Methylene chloride

Concen: 0.203 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU041761.D

Acq: 22 Dec 2020 23:12

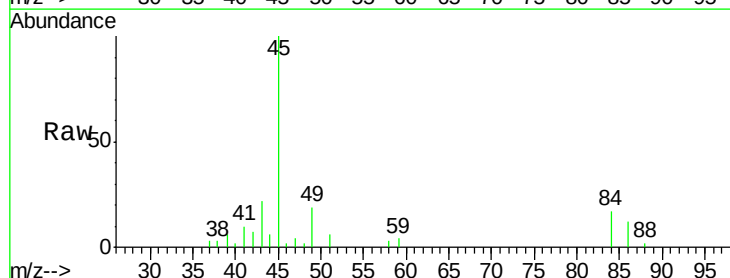
Tgt Ion: 84 Resp: 2154

Ion Ratio Lower Upper

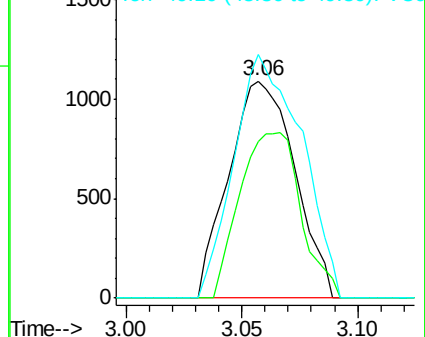
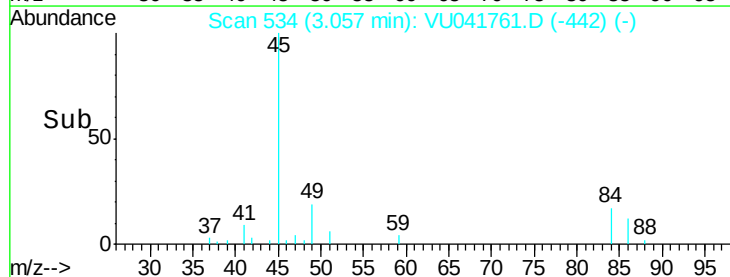
84 100

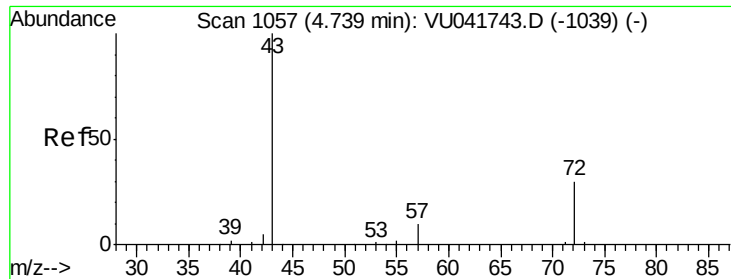
86 72.2 45.1 83.7

49 112.3 83.1 154.3



Abundance Ion 84.05 (83.75 to 84.75): VU041761.D (-442) (-)





#21

2-Butanone

Concen: 1.319 ug/L

RT: 4.74 min Scan# 1057

Delta R.T. -0.00 min

Lab File: VU041761.D

Acq: 22 Dec 2020 23:12

Instrument :

MSVOA_U

ClientSampled :

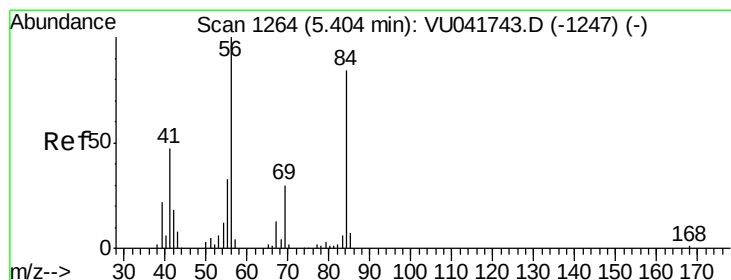
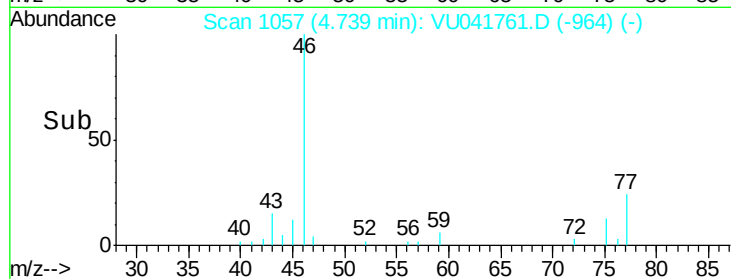
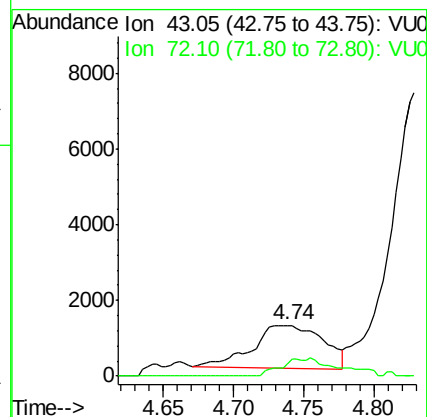
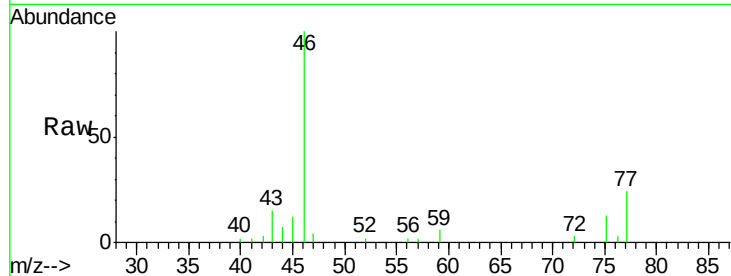
GB243

Tot Ion: 43 Resp: 4014

Ion Ratio Lower Upper

43 100

72 12.4 14.6 44.0#



#30

Cyclohexane

Concen: 0.115 ug/L

RT: 5.40 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VU041761.D

Acq: 22 Dec 2020 23:12

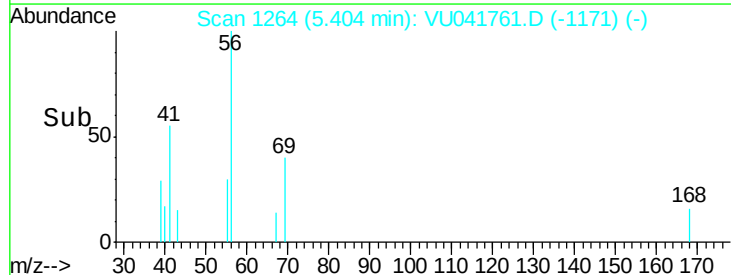
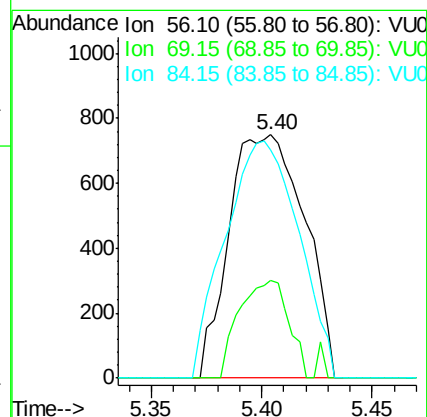
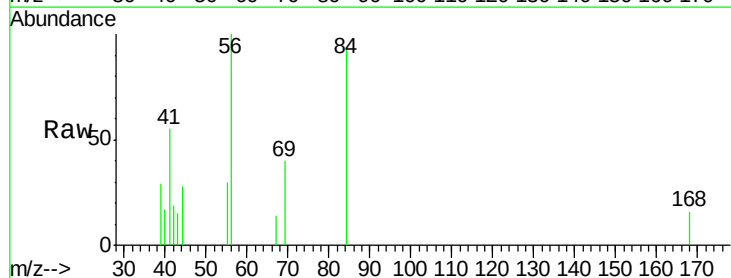
Tgt Ion: 56 Resp: 1773

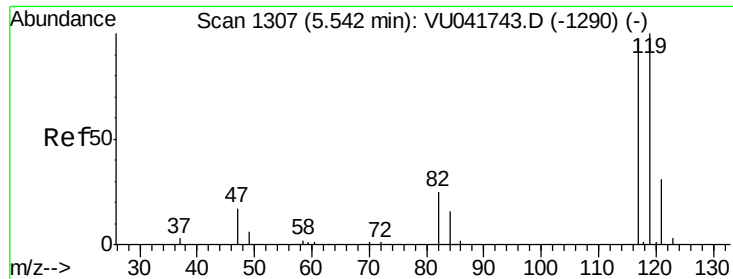
Ion Ratio Lower Upper

56 100

69 26.2 23.8 35.8

84 95.0 66.2 99.4





#31

Carbon tetrachloride

Concen: 26.288 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. -0.00 min

Lab File: VU041761.D

Acq: 22 Dec 2020 23:12

Instrument :

MSVOA_U

ClientSampleId :

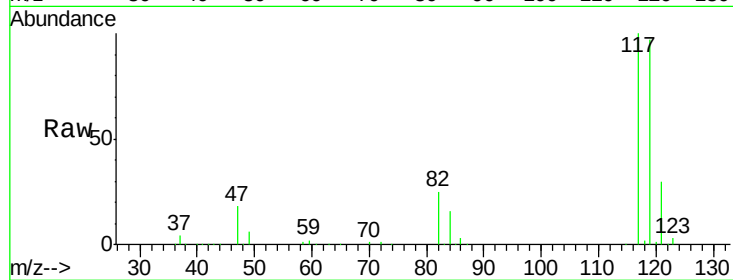
GB243

Tot Ion:117 Resp: 311486

Ion Ratio Lower Upper

117 100

119 96.2 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

