

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122120\
 Data File : VU041702.D
 Acq On : 21 Dec 2020 15:36
 Operator : SY/MD
 Sample : L5148-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T6

Quant Time: Dec 22 03:55:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 22 02:49:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119840	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118224	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53336	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	44083	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.92	69	44306	6.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.20%
11) 1,1-Dichloroethene-d2	2.58	63	61881	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.65	46	168959	62.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.56%
24) Chloroform-d	5.08	84	88322	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.72	65	53951	5.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.60%
32) Benzene-d6	5.74	84	170136	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.70	67	58158	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.91	98	146327	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	8.19	79	24516	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	8.64	63	157392	60.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.66%
57) 1,1,1,2,2-Tetrachloroethane-	10.75	84	52662	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	53359	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

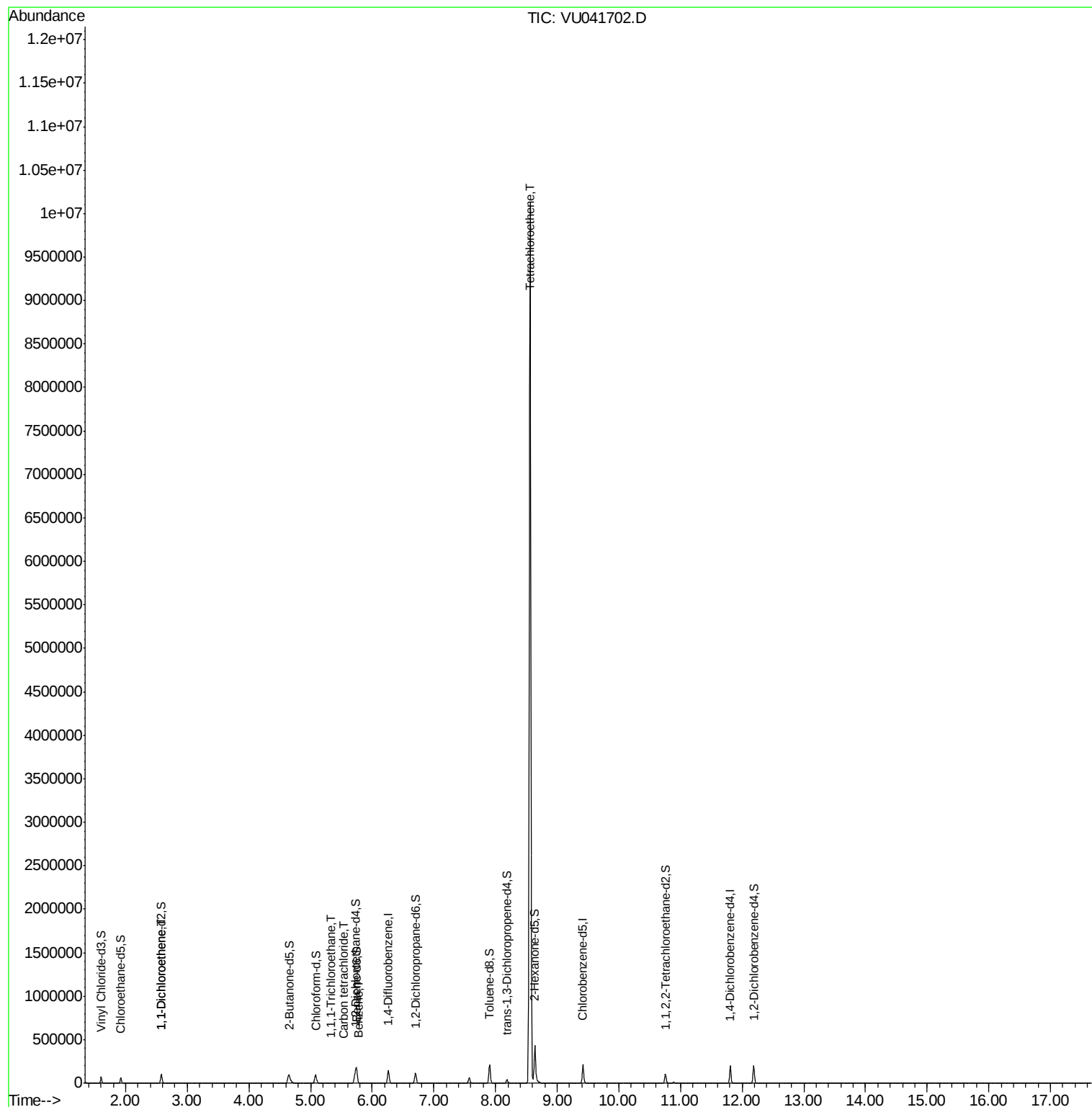
					Ovalue
12) 1,1-Dichloroethene	2.59	96	4758	0.585 ug/L	# 1
29) 1,1,1-Trichloroethane	5.33	97	4242	0.312 ug/L	92
31) Carbon tetrachloride	5.54	117	1472	0.125 ug/L	91
33) Benzene	5.79	78	1167	0.031 ug/L	100
47) Tetrachloroethene	8.56	164	2208413	332.040 ug/L	99

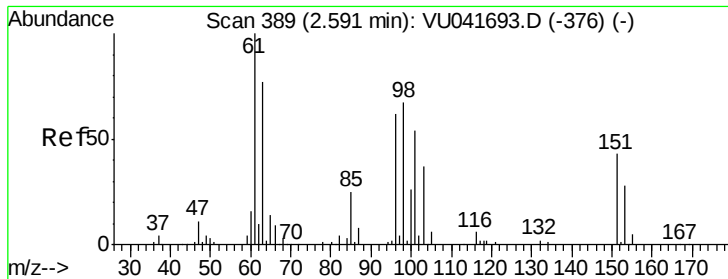
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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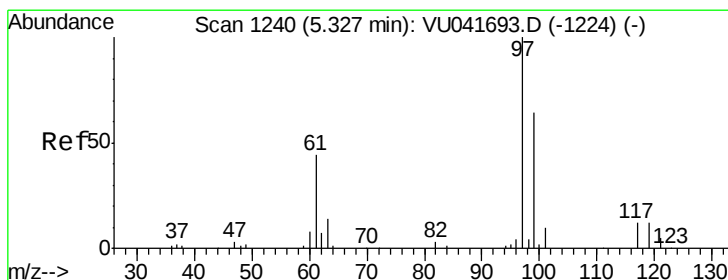
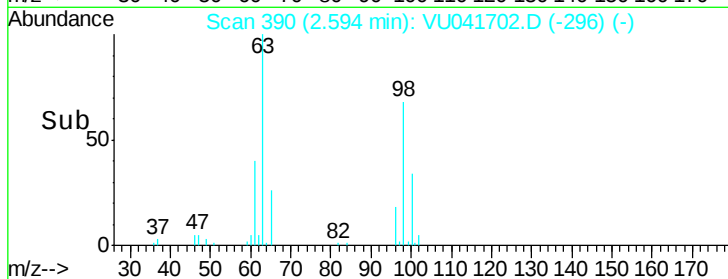
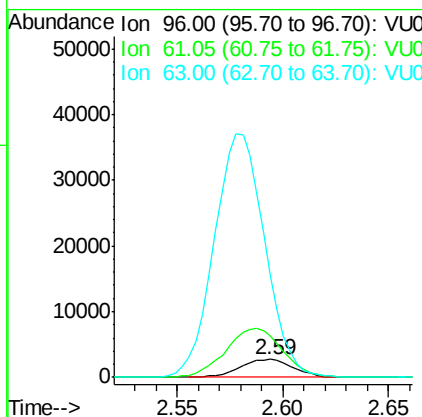
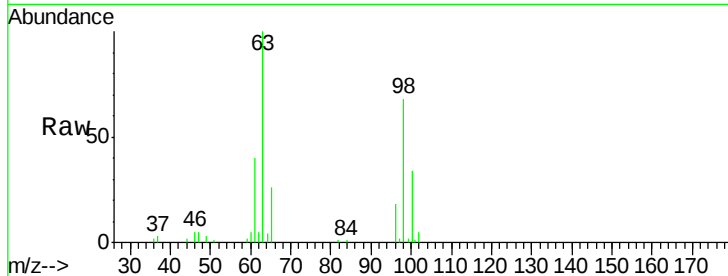




#12
 1,1-Dichloroethene
 Concen: 0.585 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VU041702.D
 Acq: 21 Dec 2020 15:36

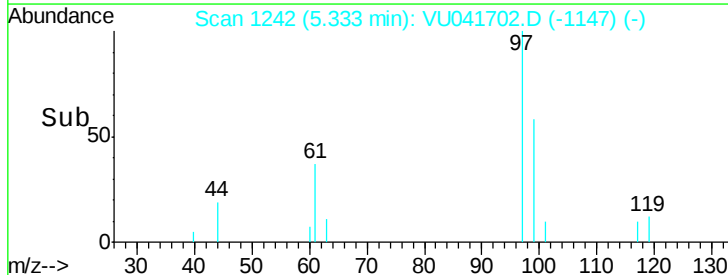
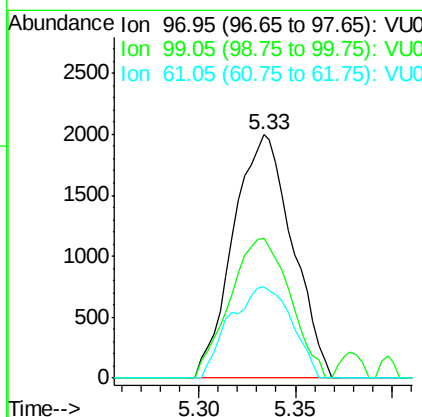
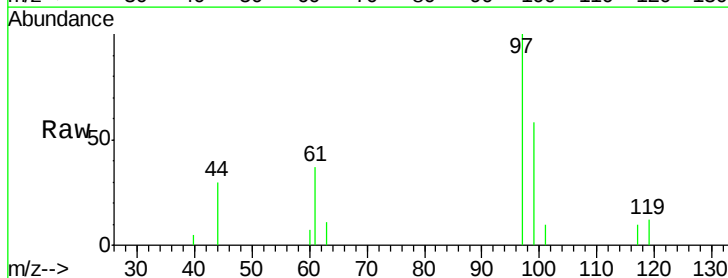
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T6

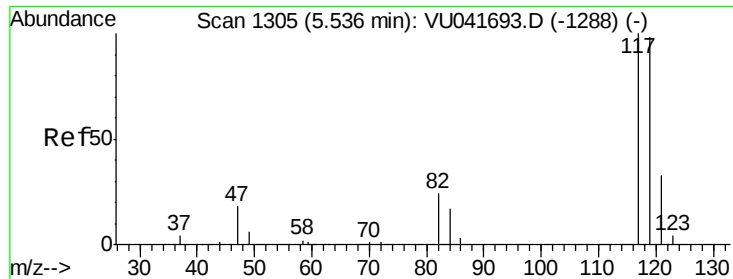
Tot Ion: 96 Resp: 4758
 Ion Ratio Lower Upper
 96 100
 61 224.9 123.8 230.0
 63 559.2 81.0 150.4#



#29
 1,1,1-Trichloroethane
 Concen: 0.312 ug/L
 RT: 5.33 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: VU041702.D
 Acq: 21 Dec 2020 15:36

Tgt Ion: 97 Resp: 4242
 Ion Ratio Lower Upper
 97 100
 99 58.3 51.3 76.9
 61 39.2 36.5 54.7





#31

Carbon tetrachloride

Concen: 0.125 ug/L

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU041702.D

Acq: 21 Dec 2020 15:36

Instrument :

MSVOA_U

ClientSampleId :

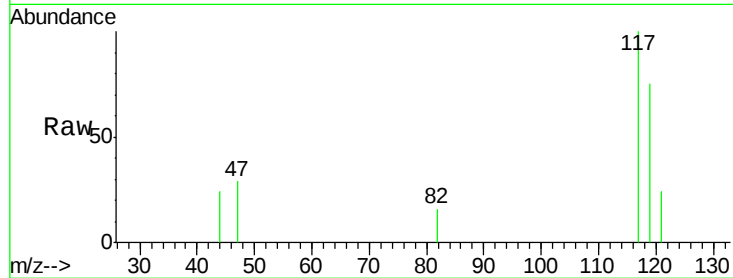
GB1T6

Tot Ion:117 Resp: 1472

Ion Ratio Lower Upper

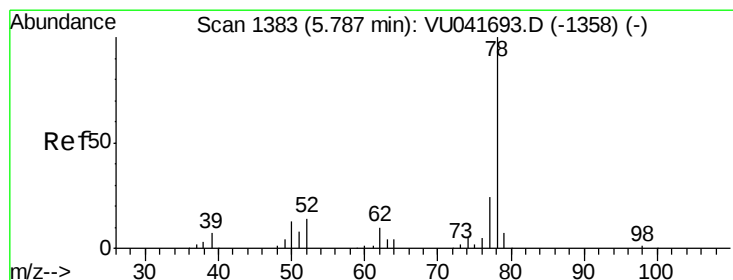
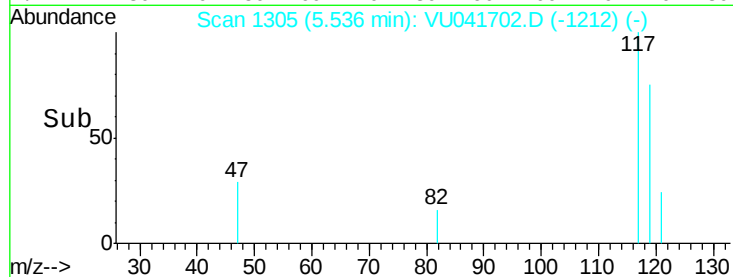
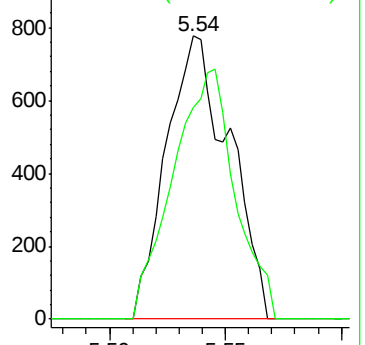
117 100

119 86.9 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.031 ug/L

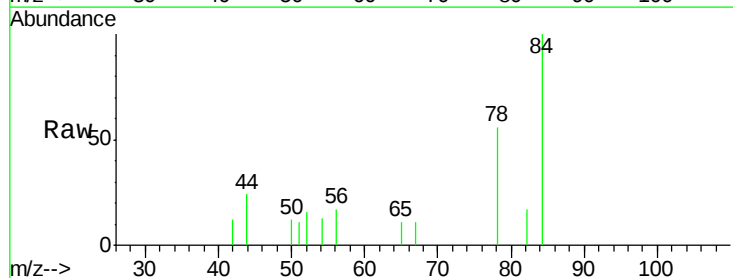
RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

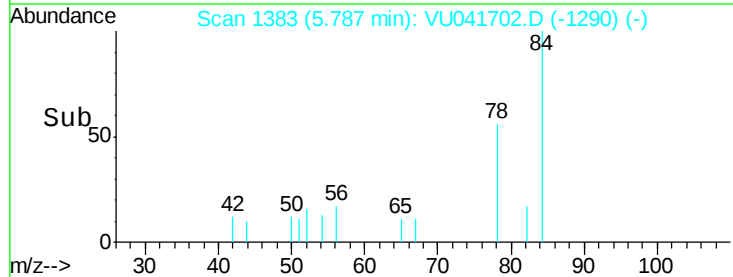
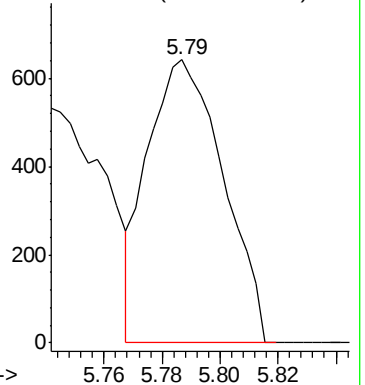
Lab File: VU041702.D

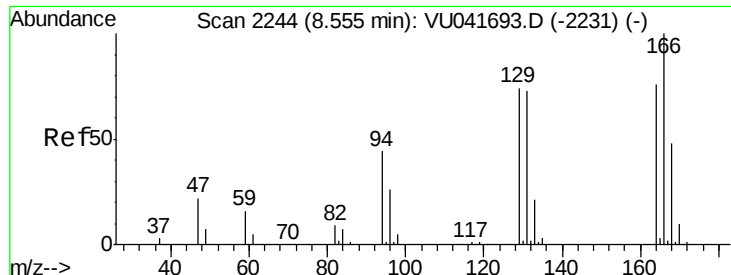
Acq: 21 Dec 2020 15:36

Tgt Ion: 78 Resp: 1167



Abundance Ion 78.10 (77.80 to 78.80): VU0





#47

Tetrachloroethene

Concen: 332.040 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. 0.01 min

Lab File: VU041702.D

Acq: 21 Dec 2020 15:36

Instrument :

MSVOA_U

ClientSampleId :

GB1T6

Tot Ion:164 Resp: 2208413

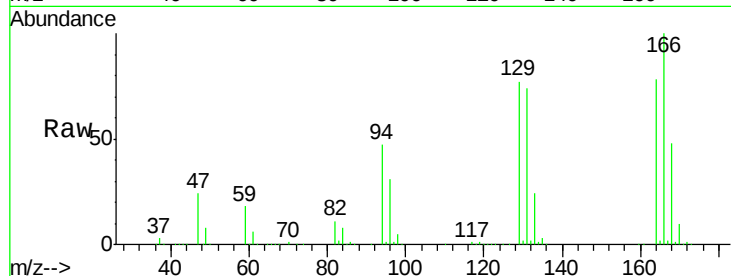
Ion Ratio Lower Upper

164 100

129 99.1 72.2 134.0

131 95.1 66.9 124.3

166 128.2 89.6 166.4



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

