

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052720\
 Data File : VU038314.D
 Acq On : 27 May 2020 12:41
 Operator : JC/MD
 Sample : L2749-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4W6

Quant Time: May 28 04:46:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 04:16:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	293499	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	289914	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	146481	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90450	3.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.40%
7) Chloroethane-d5	1.93	69	87800	3.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.60%
11) 1,1-Dichloroethene-d2	2.59	63	143011	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.66	46	370670	55.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.92%
24) Chloroform-d	5.10	84	202684	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.74	65	122185	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.76	84	425755	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.72	67	135146	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.92	98	380875	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	8.20	79	54945	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.65	63	302692	57.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114347	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	151756	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

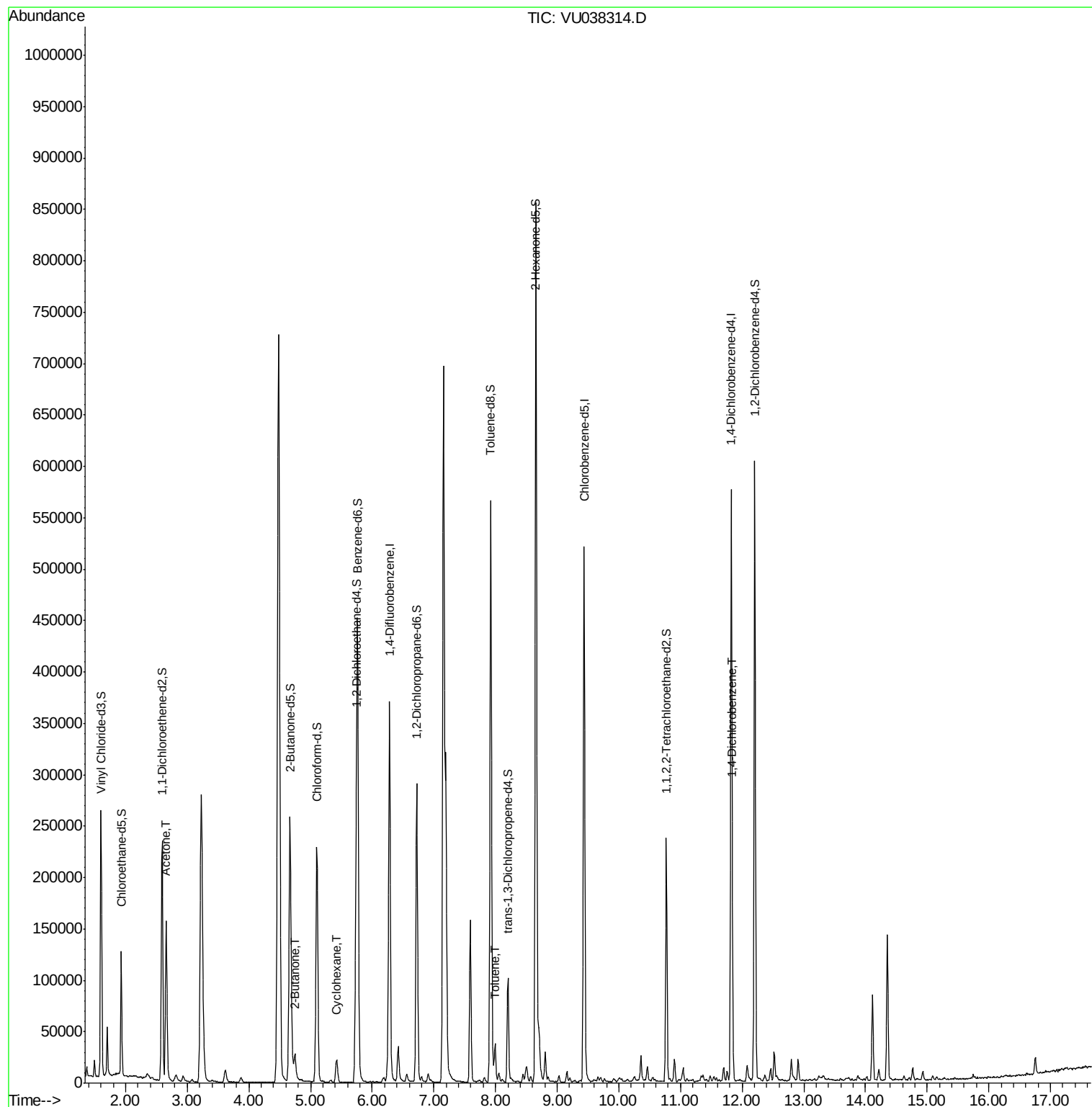
					Ovalue
13) Acetone	2.66	43	186409	44.856	ug/L 97
21) 2-Butanone	4.75	43	30658	4.180	ug/L 97
30) Cyclohexane	5.42	56	10952	0.279	ug/L 95
42) Toluene	7.99	91	24521	0.250	ug/L 98
63) 1,4-Dichlorobenzene	11.85	146	12277	0.254	ug/L 92

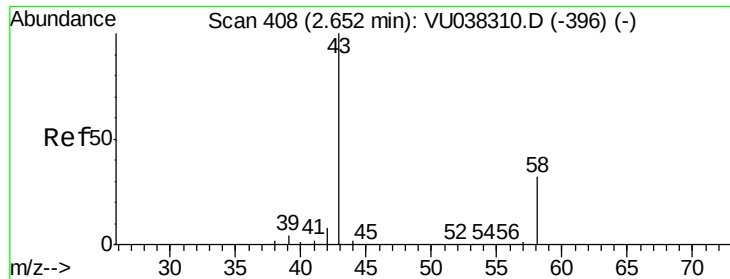
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 44.856 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU038314.D

Acq: 27 May 2020 12:41

Instrument :

MSVOA_U

ClientSampled :

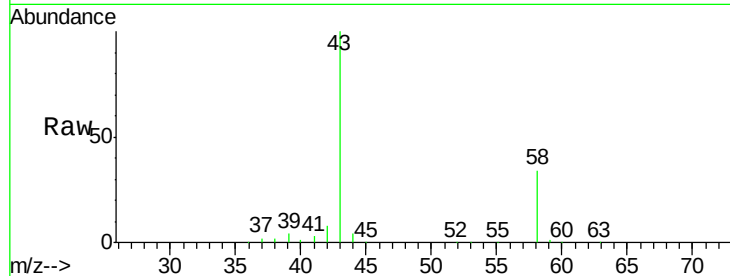
BE4W6

Tot Ion: 43 Resp: 186409

Ion Ratio Lower Upper

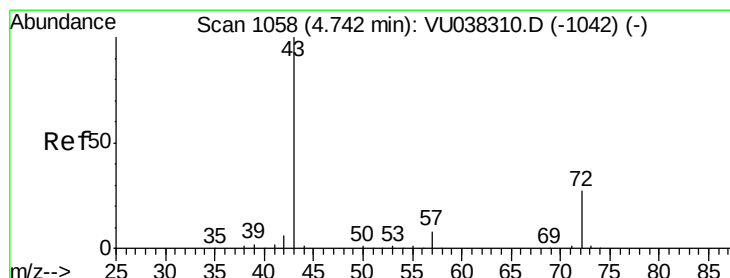
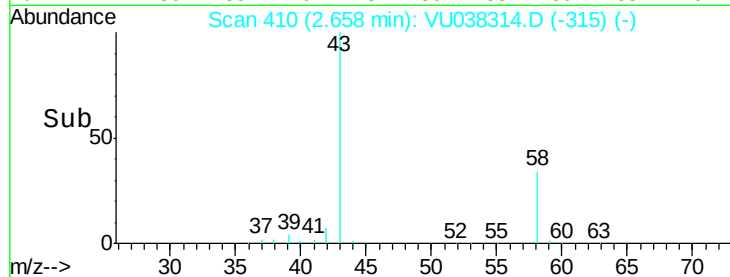
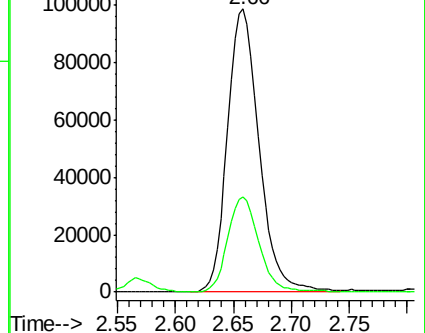
43 100

58 33.5 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#21

2-Butanone

Concen: 4.180 ug/L

RT: 4.75 min Scan# 1060

Delta R.T. 0.01 min

Lab File: VU038314.D

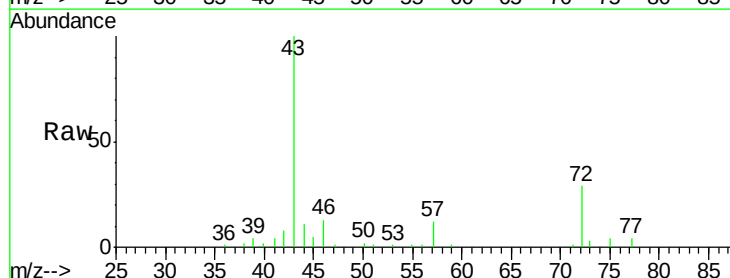
Acq: 27 May 2020 12:41

Tgt Ion: 43 Resp: 30658

Ion Ratio Lower Upper

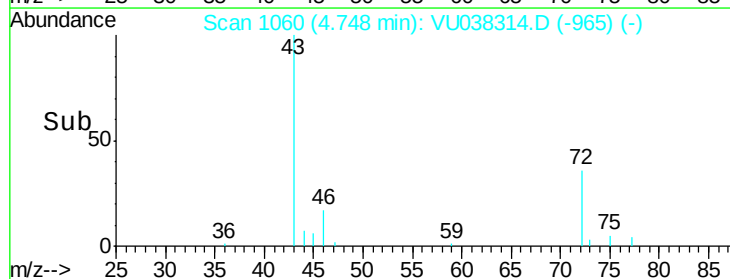
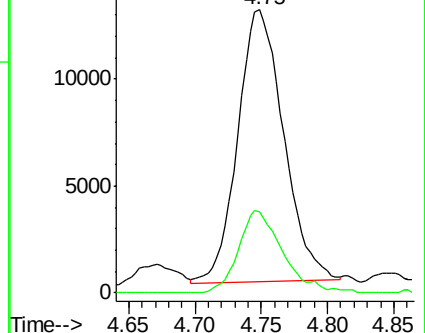
43 100

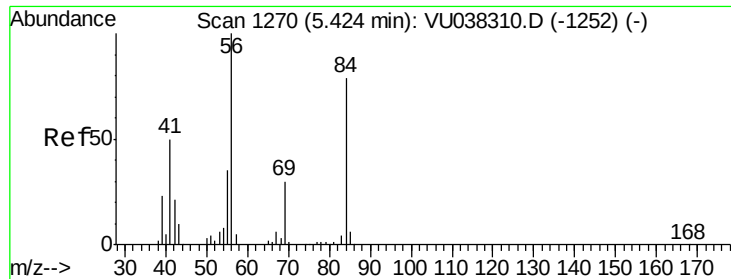
72 28.7 13.5 40.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0

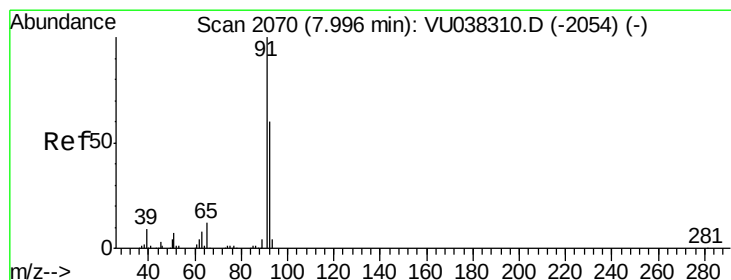
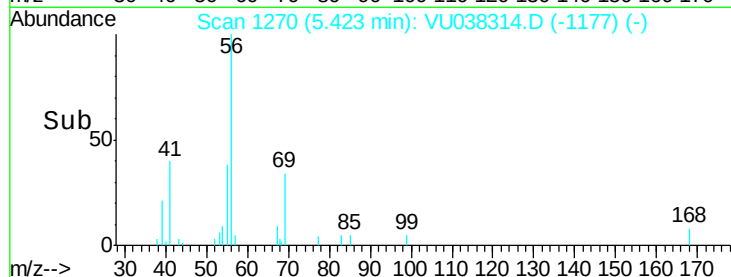
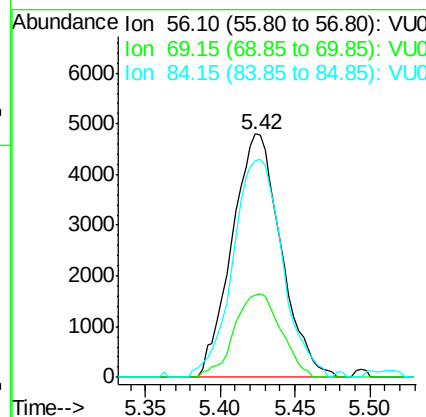
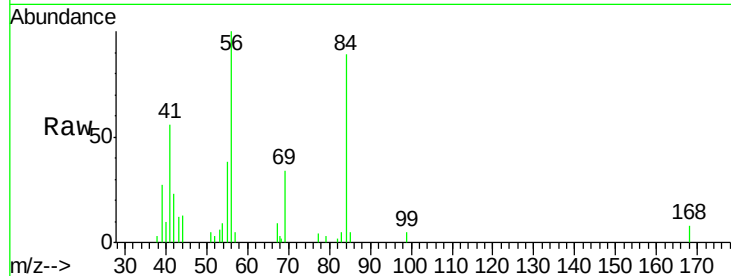




#30
Cyclohexane
Concen: 0.279 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038314.D
Acq: 27 May 2020 12:41

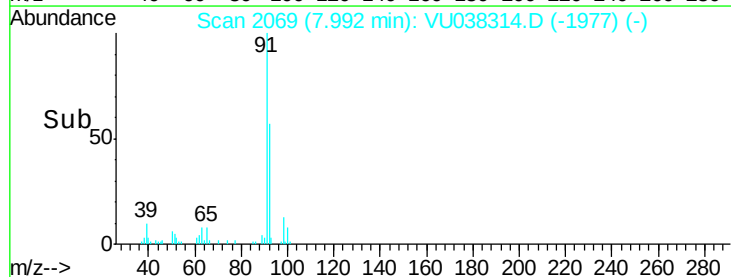
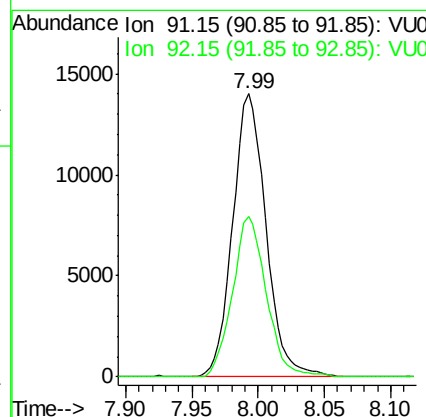
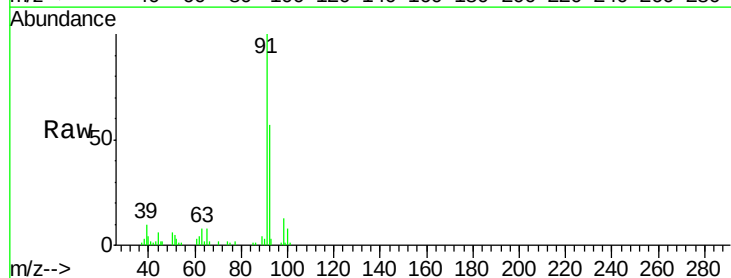
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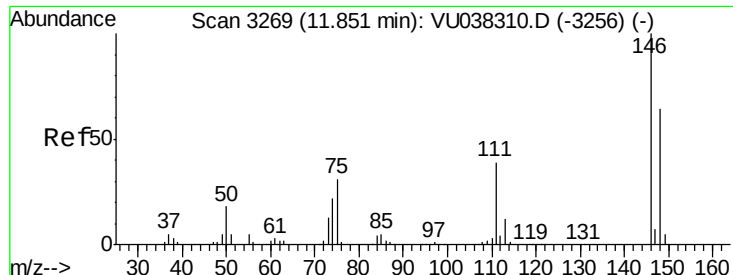
Tot Ion: 56 Resp: 10952
Ion Ratio Lower Upper
56 100
69 32.7 24.2 36.4
84 90.3 68.5 102.7



#42
Toluene
Concen: 0.250 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038314.D
Acq: 27 May 2020 12:41

Tgt Ion: 91 Resp: 24521
Ion Ratio Lower Upper
91 100
92 56.7 40.9 75.9





#63

1,4-Dichlorobenzene

Concen: 0.254 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038314.D

Acq: 27 May 2020 12:41

Instrument :

MSVOA_U

ClientSampleId :

BE4W6

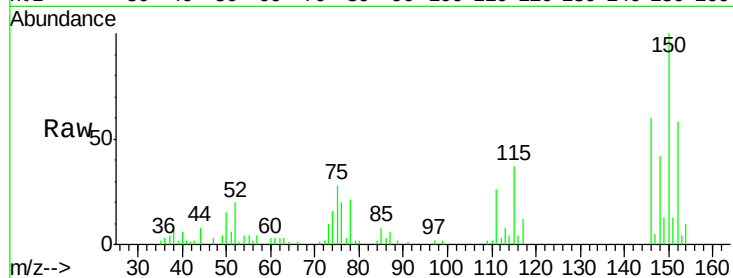
Tot Ion:146 Resp: 12277

Ion Ratio Lower Upper

146 100

111 42.9 27.2 50.6

148 69.3 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

