

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052720\
 Data File : VU038313.D
 Acq On : 27 May 2020 12:18
 Operator : JC/MD
 Sample : L2766-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4Y6

Quant Time: May 28 04:41:12 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	331756	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	323785	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	163640	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	89994	2.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.40%
7) Chloroethane-d5	1.93	69	85768	3.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.40%
11) 1,1-Dichloroethene-d2	2.59	63	139329	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	4.66	46	355511	47.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.96%
24) Chloroform-d	5.10	84	199931	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.74	65	116140	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.76	84	415945	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.72	67	131755	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.20%
41) Toluene-d8	7.92	98	372374	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.20	79	52311	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.65	63	289269	48.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109173	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	150200	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

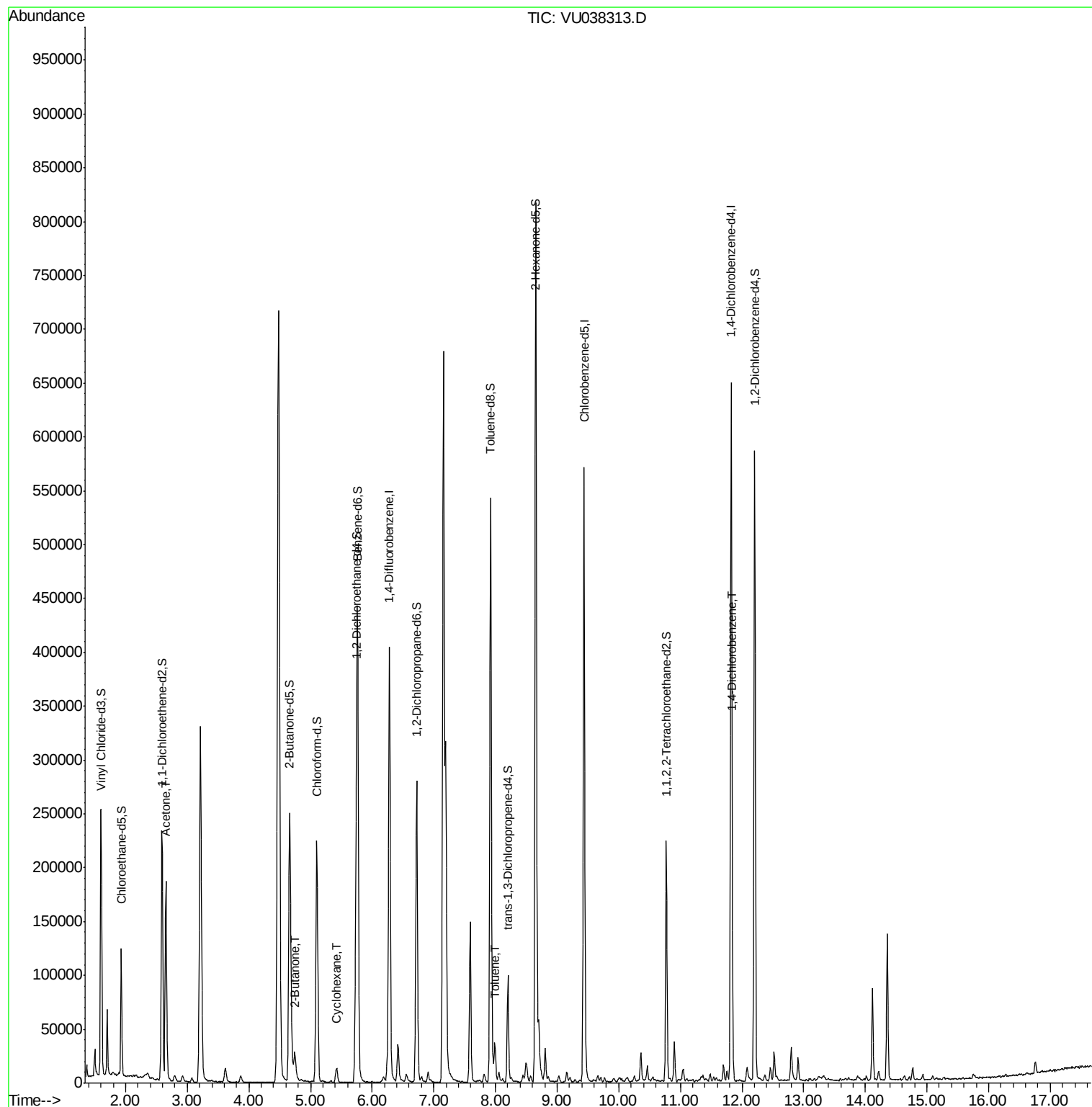
					Ovalue
13) Acetone	2.65	43	207368	44.146	ug/L 98
21) 2-Butanone	4.75	43	35252	4.252	ug/L 100
30) Cyclohexane	5.43	56	6714	0.153	ug/L 98
42) Toluene	7.99	91	22232	0.203	ug/L 97
63) 1,4-Dichlorobenzene	11.85	146	12696	0.235	ug/L 96

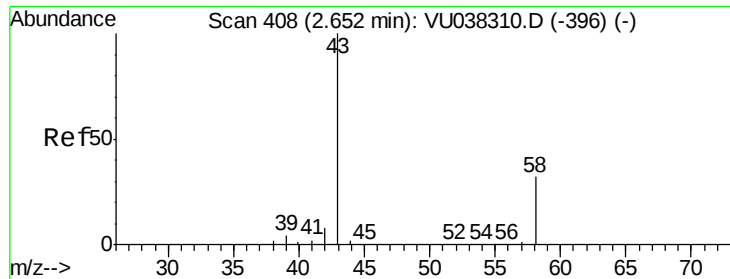
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 44.146 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU038313.D

Acq: 27 May 2020 12:18

Instrument :

MSVOA_U

ClientSampleId :

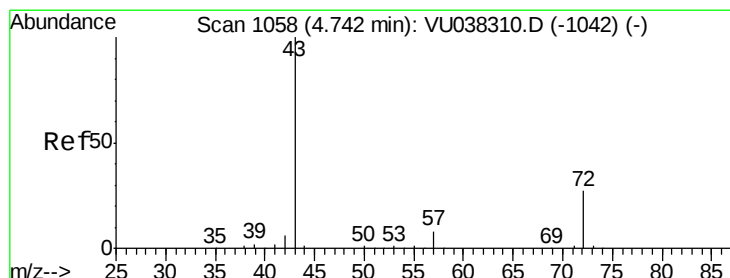
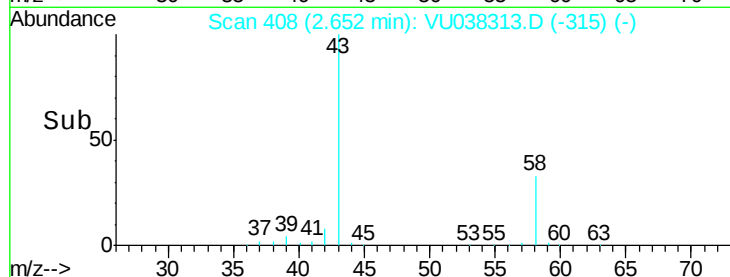
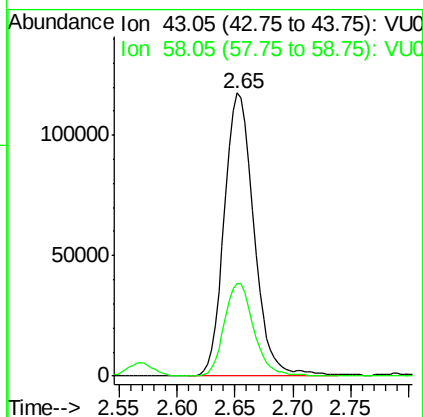
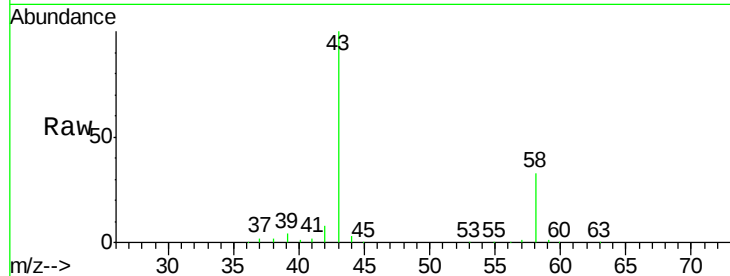
BE4Y6

Tot Ion: 43 Resp: 207368

Ion Ratio Lower Upper

43 100

58 32.8 0.0 63.6



#21

2-Butanone

Concen: 4.252 ug/L

RT: 4.75 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VU038313.D

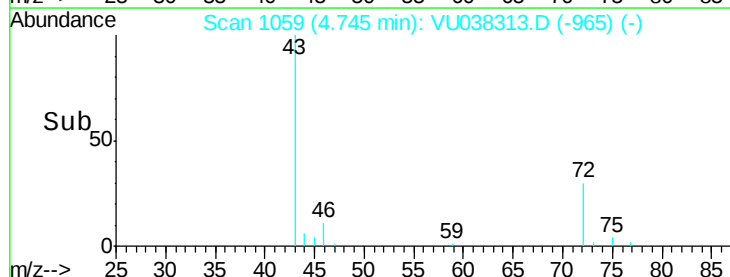
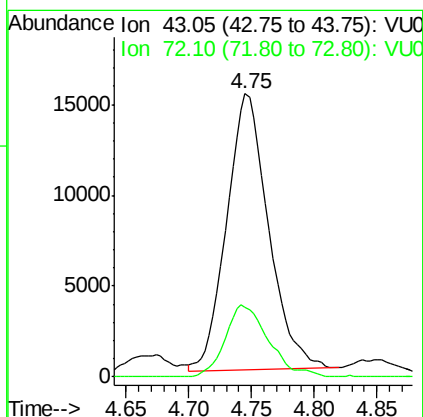
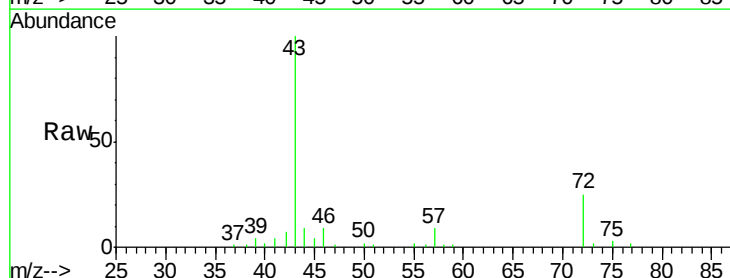
Acq: 27 May 2020 12:18

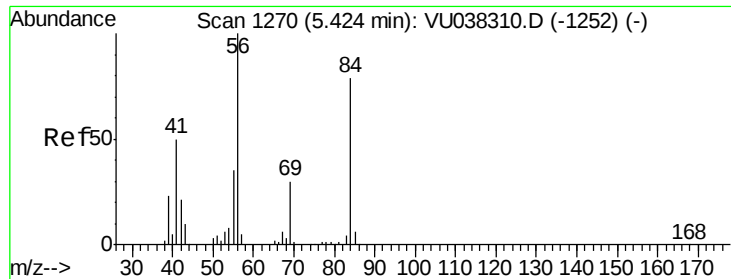
Tgt Ion: 43 Resp: 35252

Ion Ratio Lower Upper

43 100

72 26.8 13.5 40.4

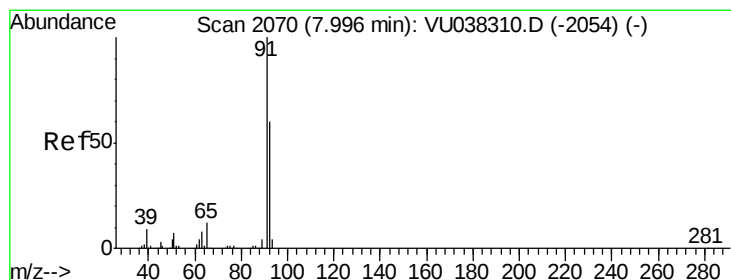
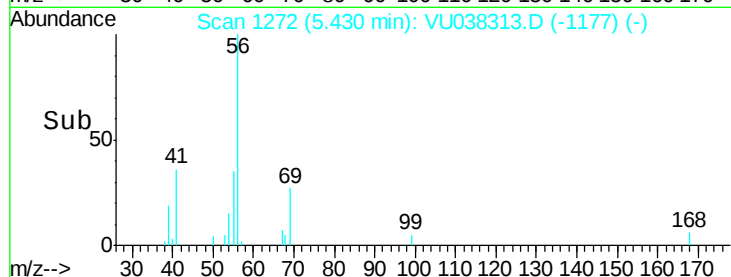
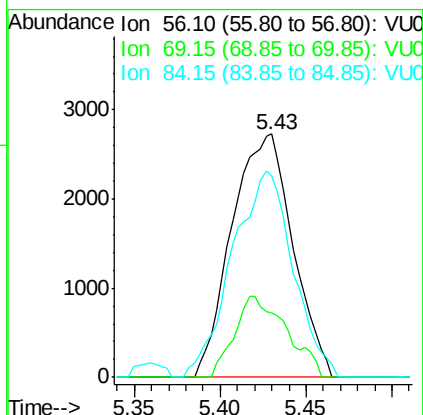
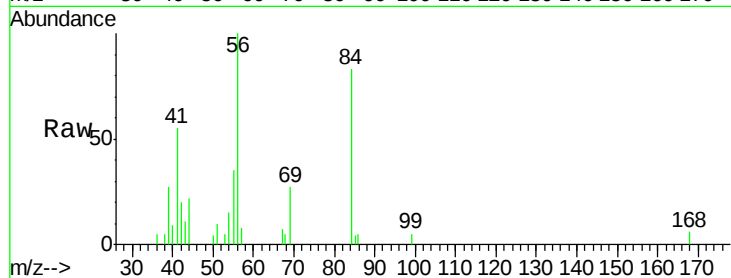




#30
Cyclohexane
Concen: 0.153 ug/L
RT: 5.43 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VU038313.D
Acq: 27 May 2020 12:18

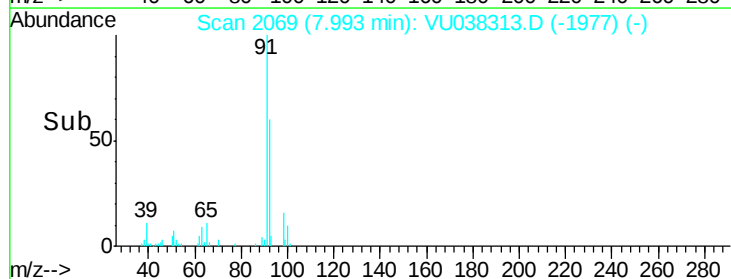
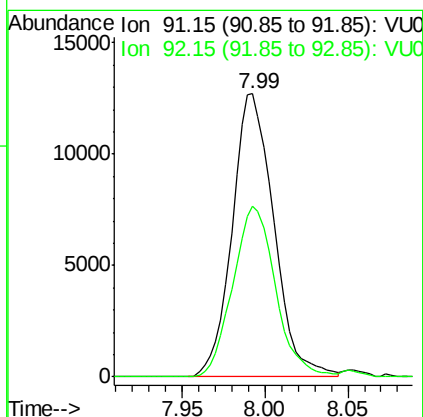
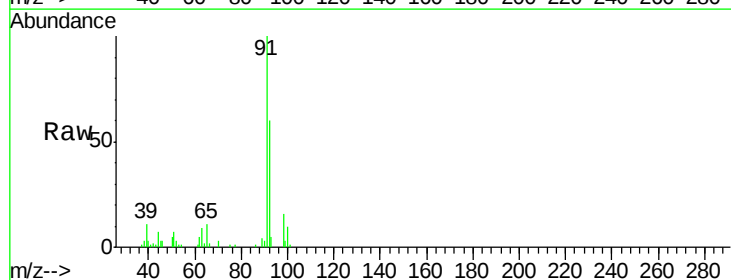
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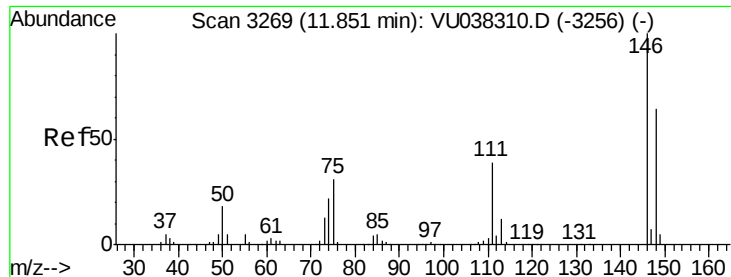
Tot Ion: 56 Resp: 6714
Ion Ratio Lower Upper
56 100
69 28.4 24.2 36.4
84 84.3 68.5 102.7



#42
Toluene
Concen: 0.203 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038313.D
Acq: 27 May 2020 12:18

Tgt Ion: 91 Resp: 22232
Ion Ratio Lower Upper
91 100
92 60.3 40.9 75.9





#63

1,4-Dichlorobenzene

Concen: 0.235 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038313.D

Acq: 27 May 2020 12:18

Instrument :

MSVOA_U

ClientSampleId :

BE4Y6

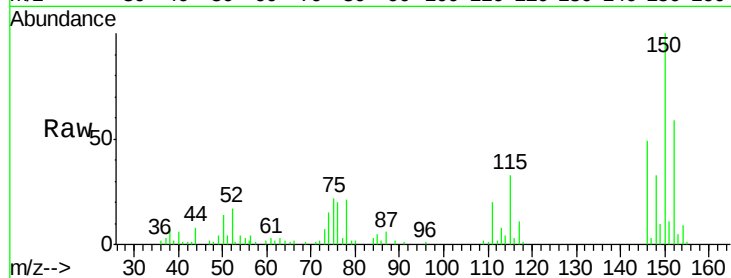
Tot Ion:146 Resp: 12696

Ion Ratio Lower Upper

146 100

111 40.6 27.2 50.6

148 66.4 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

