

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU053018\
 Data File : VU024238.D
 Acq On : 30 May 2018 13:51
 Operator : MD/SY
 Sample : J3088-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 31 04:05:20 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 31 03:53:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	304095	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	291122	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	114305	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	86343	37.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.70%
7) Chloroethane-d5	1.66	69	79300	43.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.27	63	128984	29.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.98%#
21) 2-Butanone-d5	4.18	46	175581	95.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.53%
24) Chloroform-d	4.65	84	188412	45.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.96%
26) 1,2-Dichloroethane-d4	5.31	65	127434	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.12%
32) Benzene-d6	5.34	84	365967	45.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.84%
36) 1,2-Dichloropropane-d6	6.33	67	131294	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.10%
41) Toluene-d8	7.57	98	309142	41.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	7.85	79	48180	43.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.76%
47) 2-Hexanone-d5	8.31	63	129878	98.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.59%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	192403	47.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.52%
64) 1,2-Dichlorobenzene-d4	11.87	152	125981	50.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.54%

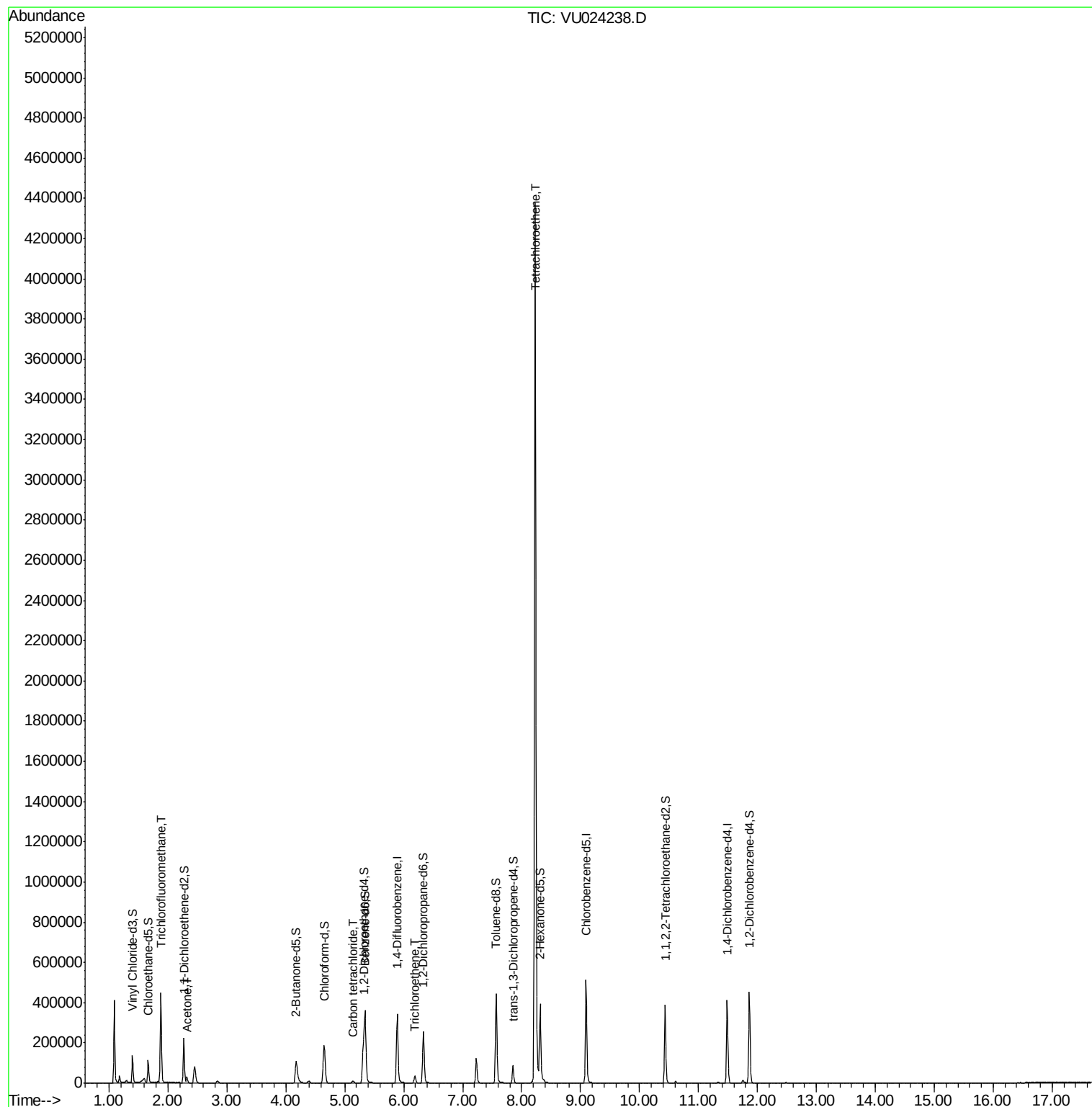
Target Compounds

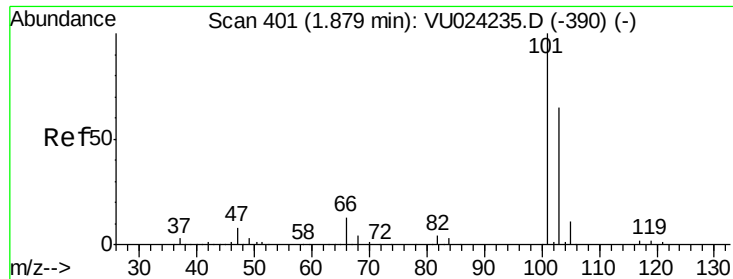
						Ovalue
9) Trichlorofluoromethane	1.88	101	276412	74.94	ug/L	100
13) Acetone	2.32	43	29210	18.24	ug/L	100
31) Carbon tetrachloride	5.14	117	7357	2.43	ug/L	99
34) Trichloroethene	6.19	95	12085	4.44	ug/L	97
46) Tetrachloroethene	8.23	164	1031934	541.85	ug/L	98

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

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Quant Title : VOC Analysis
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#9

Trichlorofluoromethane

Concen: 74.94 ug/L

RT: 1.88 min Scan# 401

Delta R.T. 0.00 min

Lab File: VU024238.D

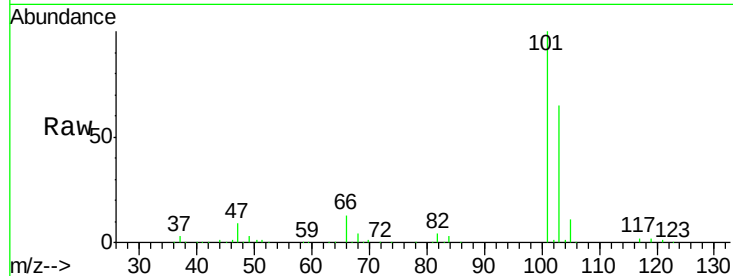
Acq: 30 May 2018 13:51

Tot Ion:101 Resp: 276412

Ion Ratio Lower Upper

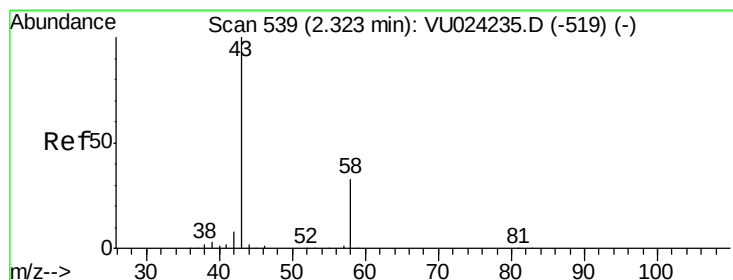
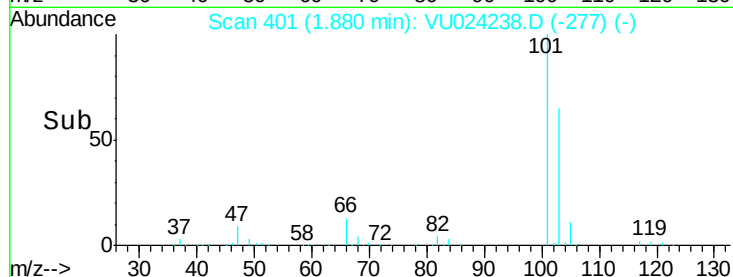
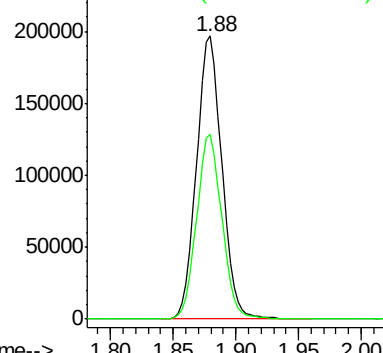
101 100

103 65.0 52.1 78.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 18.24 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024238.D

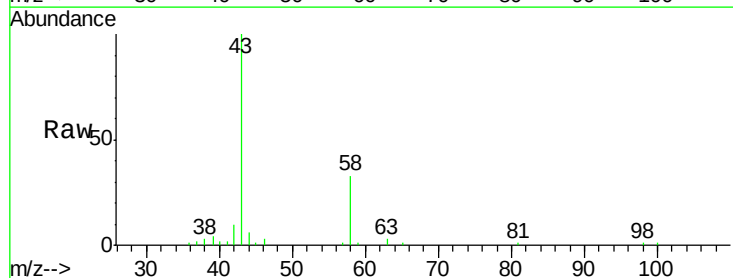
Acq: 30 May 2018 13:51

Tgt Ion: 43 Resp: 29210

Ion Ratio Lower Upper

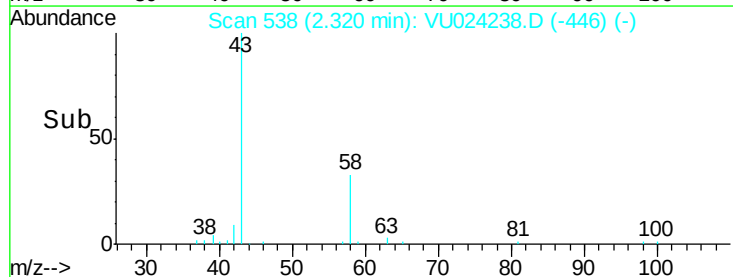
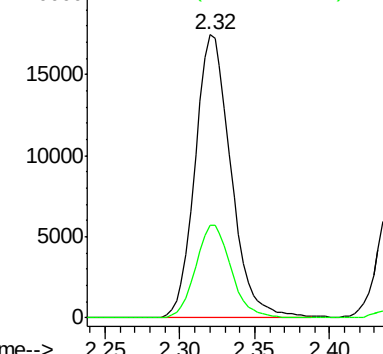
43 100

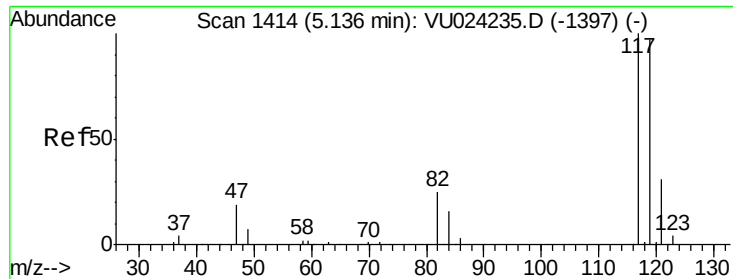
58 32.4 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#31

Carbon tetrachloride

Concen: 2.43 ug/L

RT: 5.14 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VU024238.D

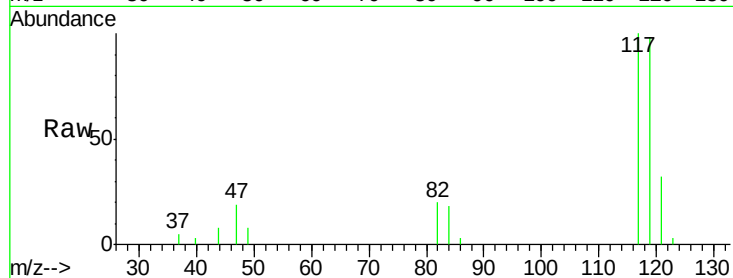
Acq: 30 May 2018 13:51

Tot Ion:117 Resp: 7357

Ion Ratio Lower Upper

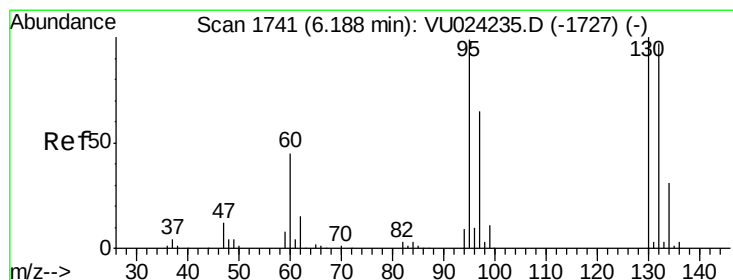
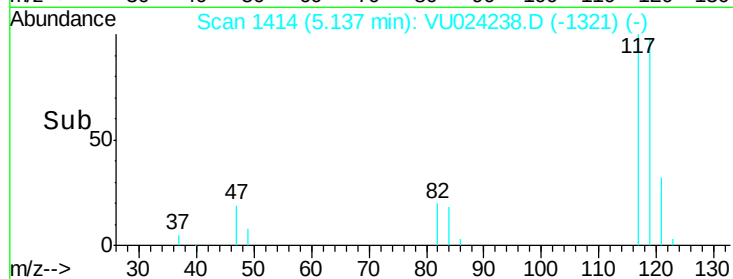
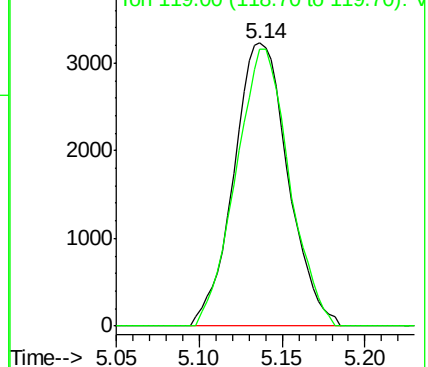
117 100

119 96.3 76.2 114.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Trichloroethene

Concen: 4.44 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024238.D

Acq: 30 May 2018 13:51

Tgt Ion: 95 Resp: 12085

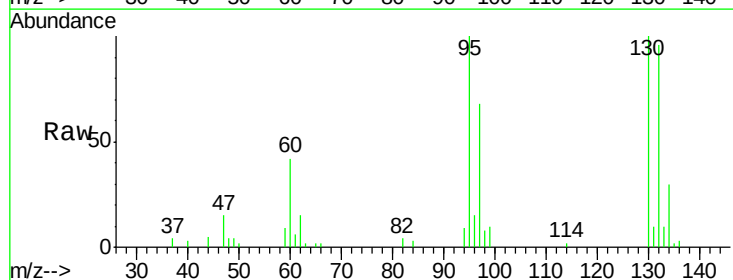
Ion Ratio Lower Upper

95 100

97 67.8 44.5 82.7

132 95.7 69.0 128.2

130 99.5 70.6 131.0

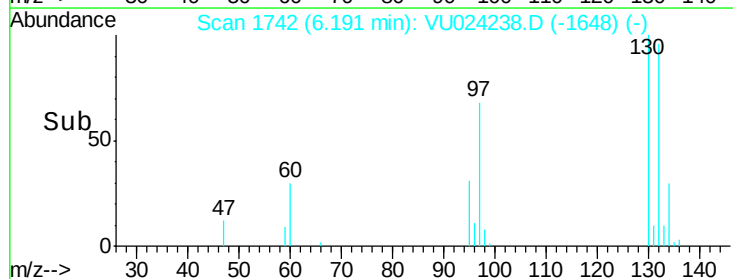
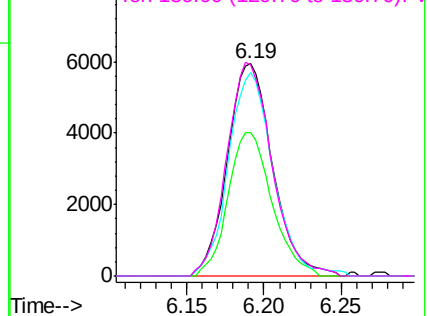


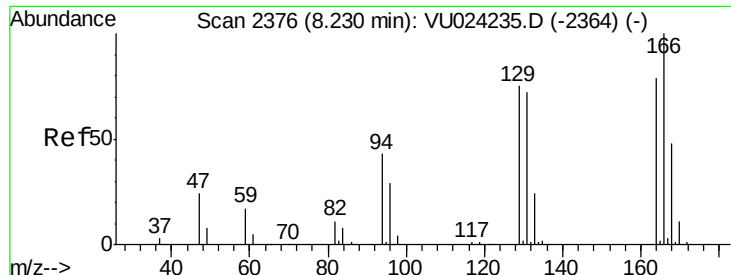
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 541.85 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU024238.D

Acq: 30 May 2018 13:51

Tot Ion:164 Resp: 1031934

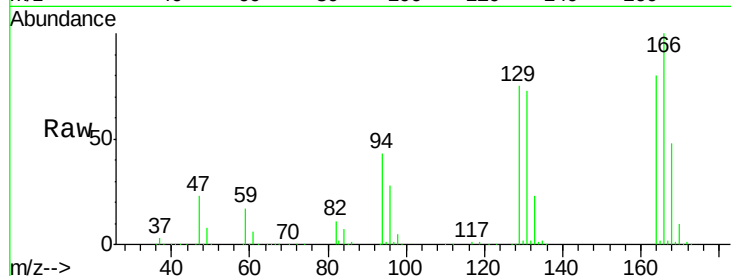
Ion Ratio Lower Upper

164 100

129 93.8 66.6 123.6

131 91.1 64.5 119.9

166 125.3 89.3 165.9



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

