

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090619\
 Data File : VV012610.D
 Acq On : 06 Sep 2019 20:53
 Operator : SY/MD
 Sample : K4703-09
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD92

Quant Time: Sep 07 02:50:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 07 01:06:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	90006	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	93757	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	30080	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39639	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.58	69	41832	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	2.13	63	72736	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.93	46	126435	77.02	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	154.04%#
24) Chloroform-d	4.40	84	59432	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.08	65	45053	6.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	134.80%#
32) Benzene-d6	5.10	84	119242	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	43612	5.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.60%
41) Toluene-d8	7.36	98	87535	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.67	79	12454	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.13	63	69757	68.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	136.54%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37970	7.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	141.00%#
64) 1,2-Dichlorobenzene-d4	11.67	152	28398	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

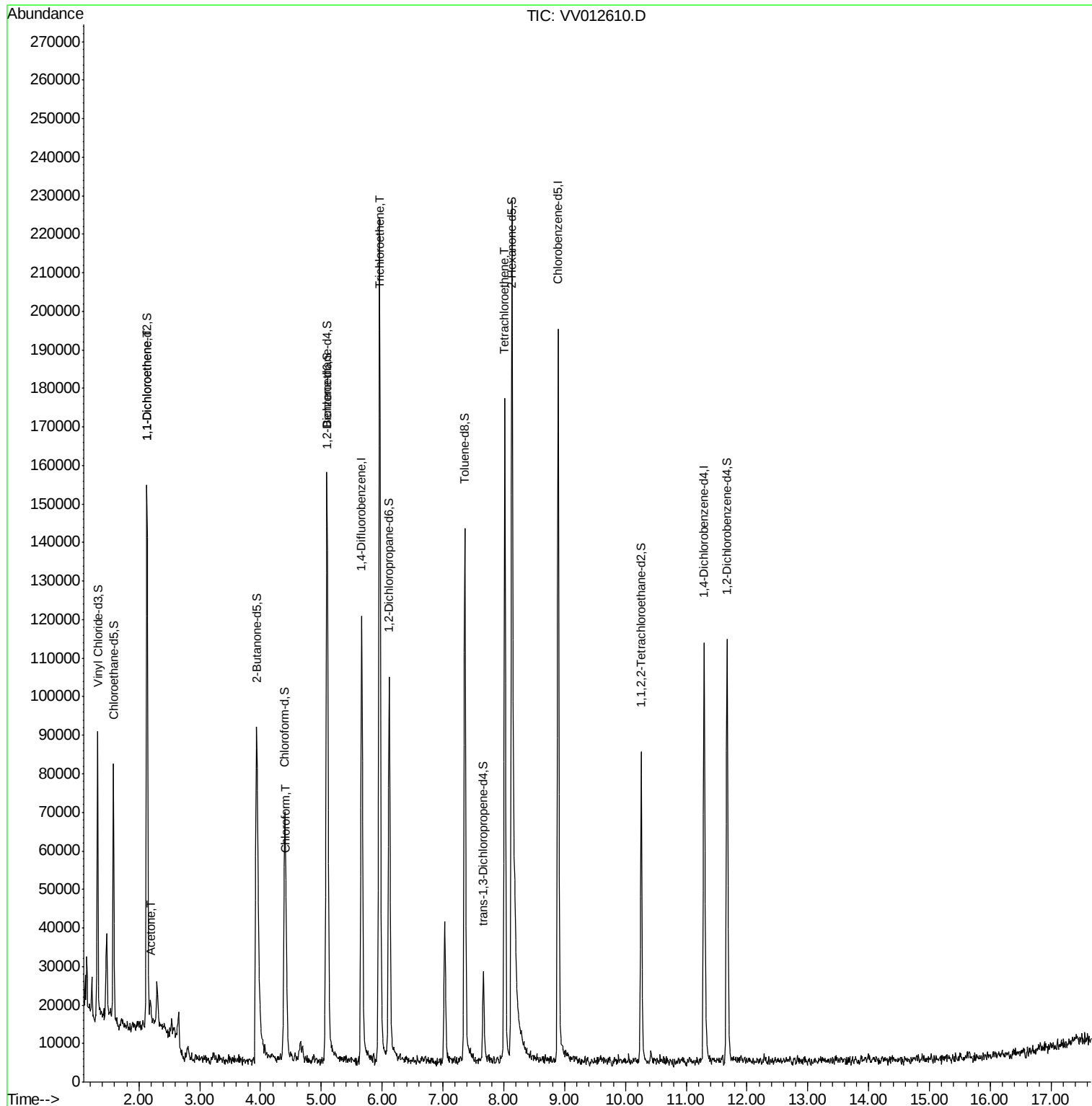
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	10108	0.943 ug/L #	1
13) Acetone	2.19	43	6521	3.274 ug/L	85
25) Chloroform	4.43	83	10324	0.583 ug/L	97
34) Trichloroethene	5.96	95	69887	7.391 ug/L	97
47) Tetrachloroethene	8.02	164	34866	5.058 ug/L	98

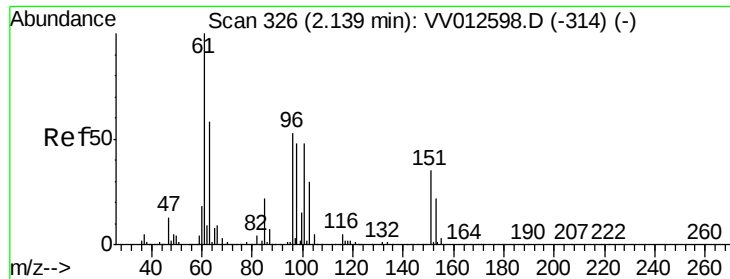
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.943 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

BFD92

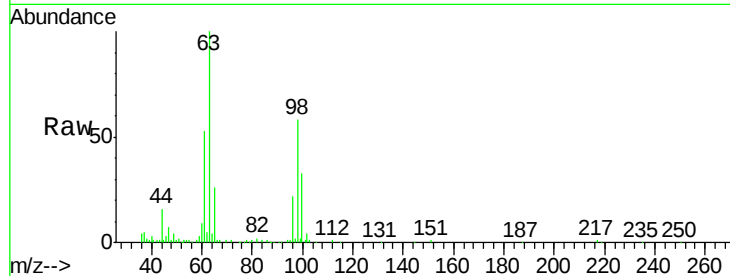
Tot Ion: 96 Resp: 10108

Ion Ratio Lower Upper

96 100

61 237.9 132.7 246.5

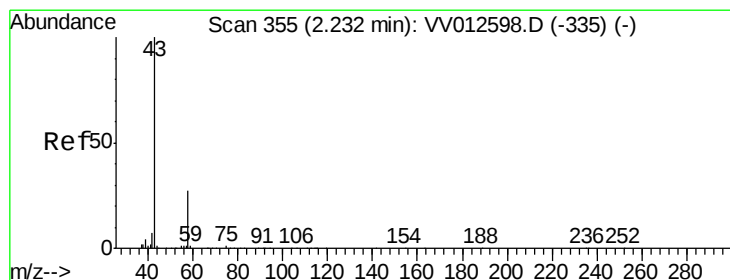
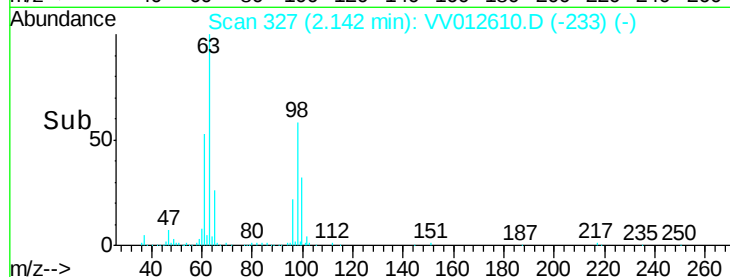
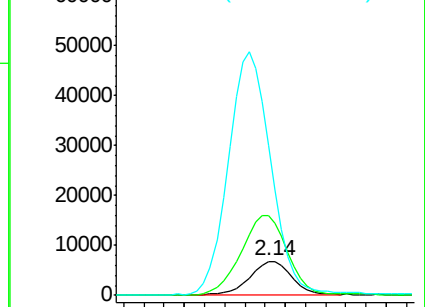
63 445.9 84.1 156.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 3.274 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.05 min

Lab File: VV012610.D

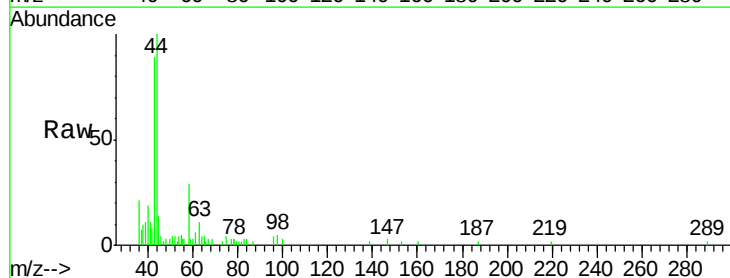
Acq: 06 Sep 2019 20:53

Tgt Ion: 43 Resp: 6521

Ion Ratio Lower Upper

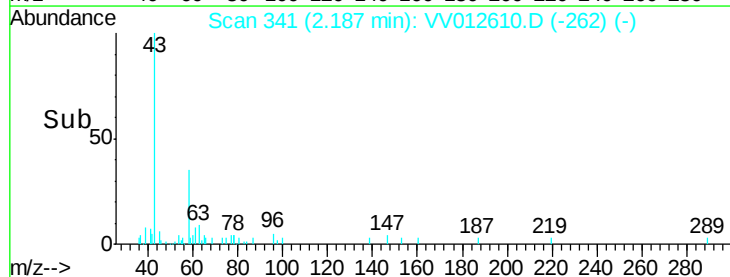
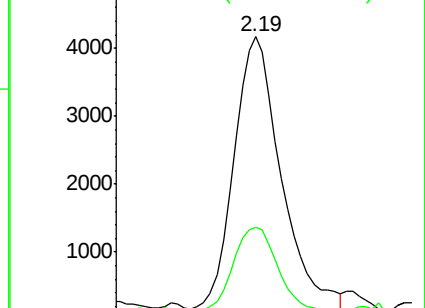
43 100

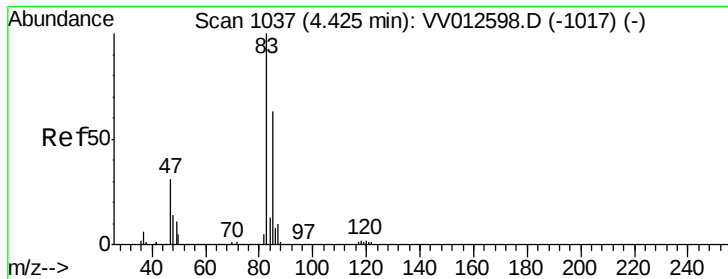
58 36.4 0.0 57.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#25

Chloroform

Concen: 0.583 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV012610.D

Acq: 06 Sep 2019 20:53

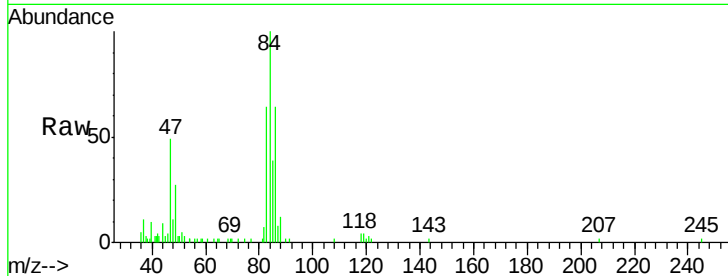
Instrument :
MSVOA_V
ClientSampleId :
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Tot Ion: 83 Resp: 10324

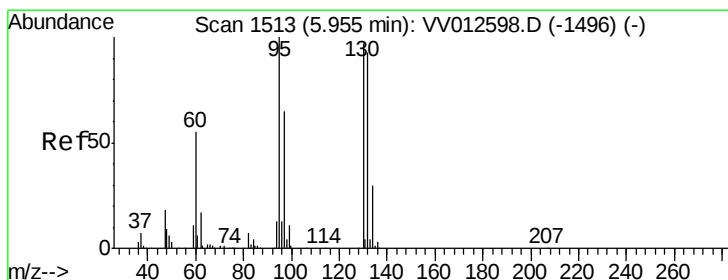
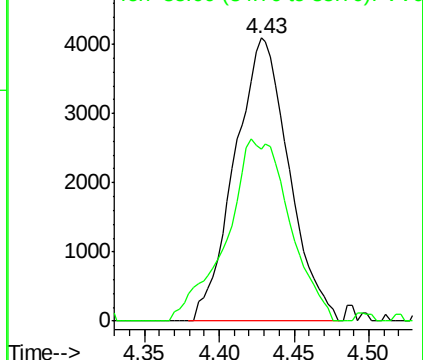
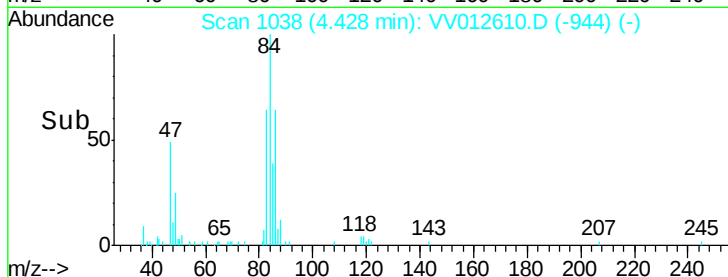
Ion Ratio Lower Upper

83 100

85 60.9 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV012610.D (-944) (-)



#34

Trichloroethene

Concen: 7.391 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012610.D

Acq: 06 Sep 2019 20:53

Tgt Ion: 95 Resp: 69887

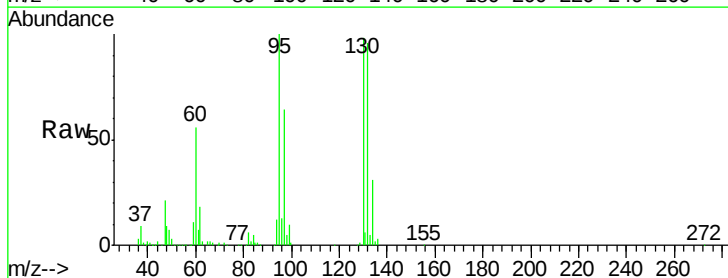
Ion Ratio Lower Upper

95 100

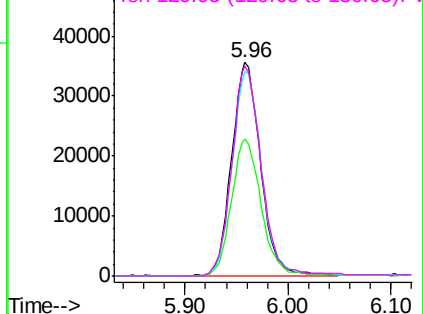
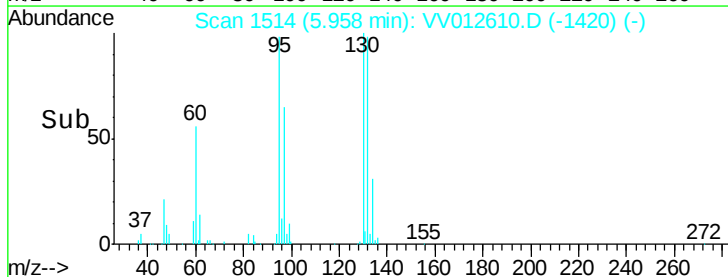
97 64.3 43.9 81.5

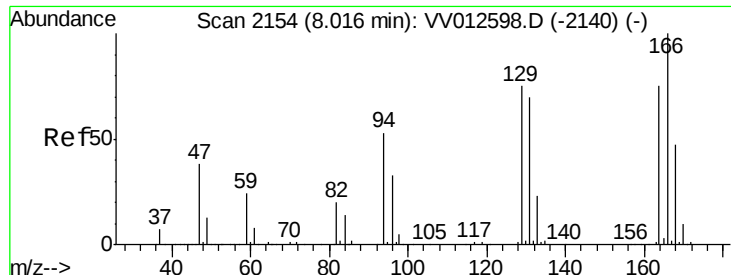
132 96.2 64.8 120.4

130 98.4 67.1 124.7



Abundance Ion 95.00 (94.70 to 95.70): VV012610.D (-1420) (-)





#47

Tetrachloroethene

Concen: 5.058 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV012610.D

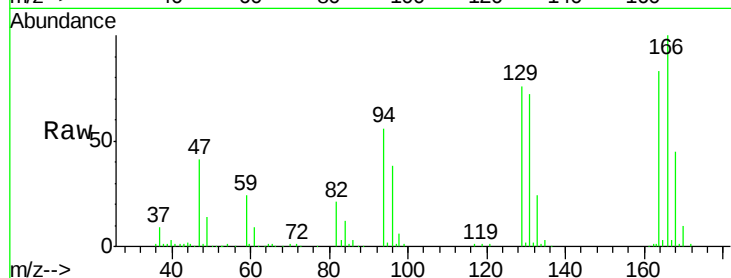
Acq: 06 Sep 2019 20:53

Instrument :

MSVOA_V

ClientSampleId :

BFD92



Tot Ion:164 Resp: 34866

Ion Ratio Lower Upper

164 100

129 92.0 65.0 120.6

131 87.1 62.0 115.2

166 120.8 87.0 161.6

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

