

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038048.D
 Acq On : 07 May 2020 18:54
 Operator : JC/MD
 Sample : L2527-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSJ8

Quant Time: May 08 03:48:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 01:51:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	383813	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	377908	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	176098	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	146674	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.93	69	122391	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.60%
11) 1,1-Dichloroethene-d2	2.59	63	177954	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.66	46	303471	35.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.08%
24) Chloroform-d	5.10	84	194093	3.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.80%
26) 1,2-Dichloroethane-d4	5.74	65	126854	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
32) Benzene-d6	5.76	84	479112	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.72	67	154144	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	7.92	98	431466	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.20	79	55627	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.65	63	274704	39.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111042	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	147858	4.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.20%

Target Compounds

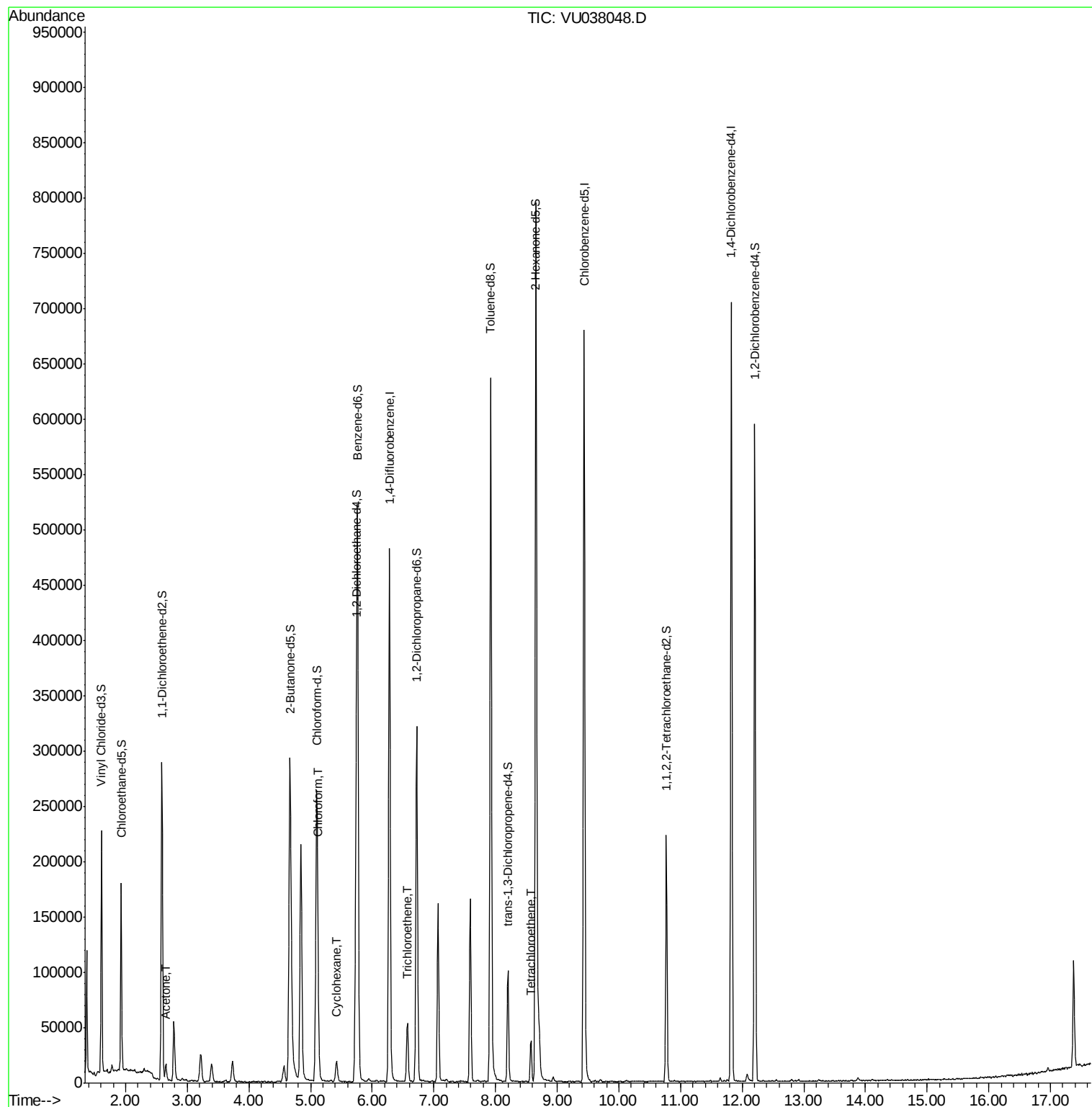
					Ovalue
13) Acetone	2.65	43	16357	3.010	ug/L 100
25) Chloroform	5.12	83	28313	0.534	ug/L 96
30) Cyclohexane	5.43	56	9156	0.179	ug/L 97
34) Trichloroethene	6.57	95	17716	0.585	ug/L 96
47) Tetrachloroethene	8.57	164	8901	0.420	ug/L 92

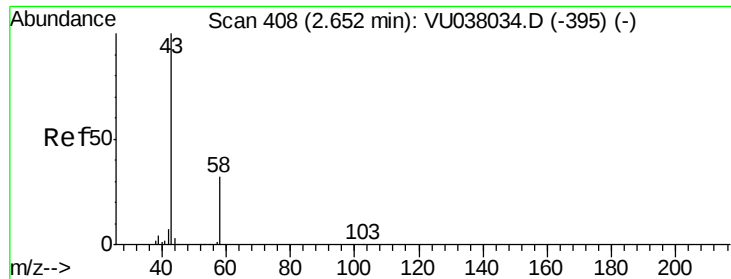
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.010 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

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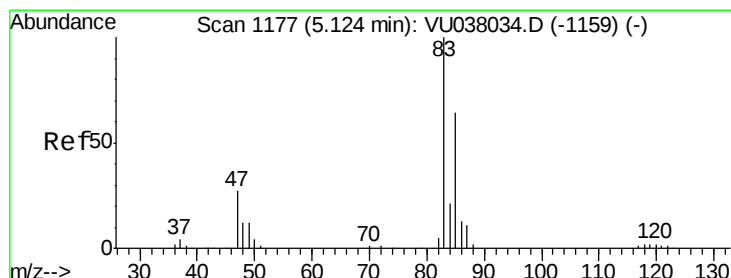
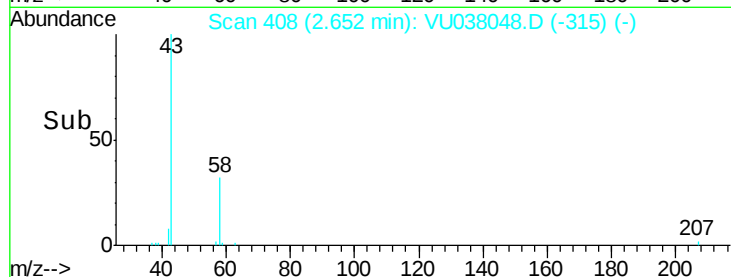
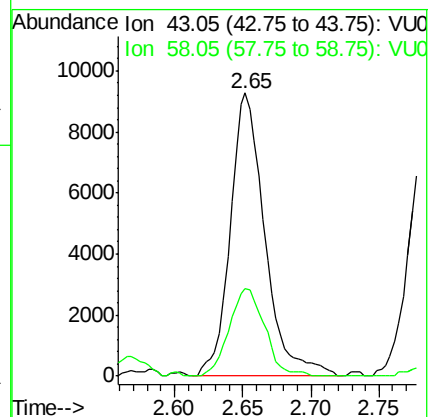
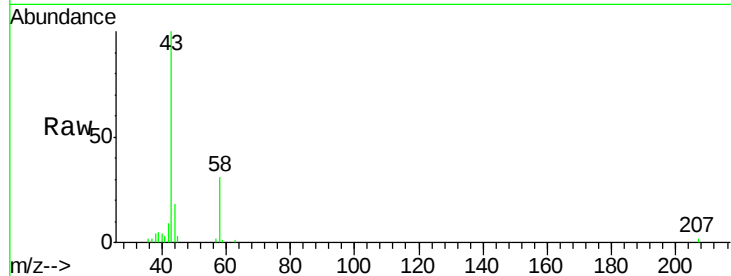
BFSJ8

Tot Ion: 43 Resp: 16357

Ion Ratio Lower Upper

43 100

58 31.8 0.0 63.6



#25

Chloroform

Concen: 0.534 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. 0.00 min

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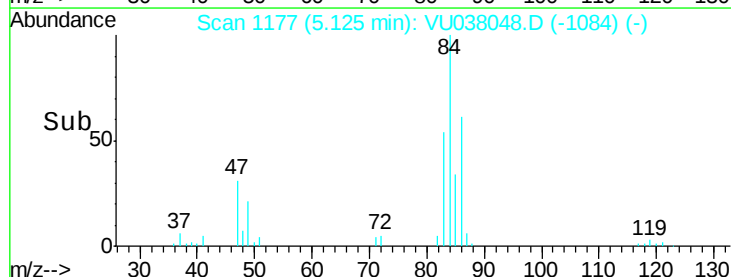
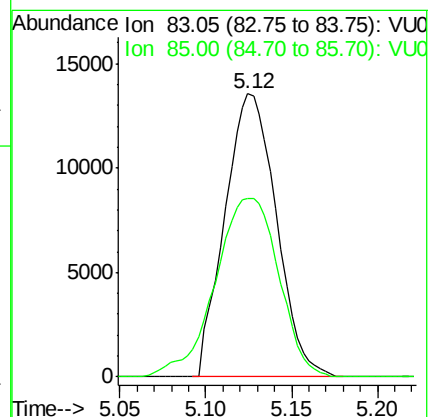
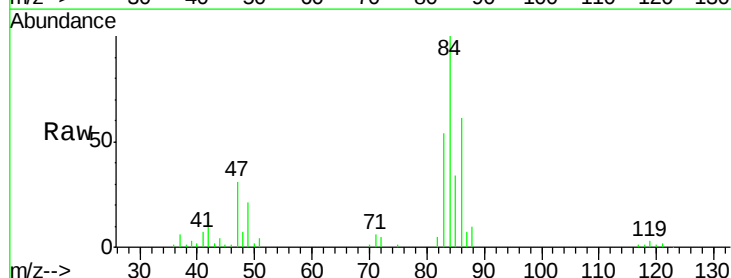
Acq: 07 May 2020 18:54

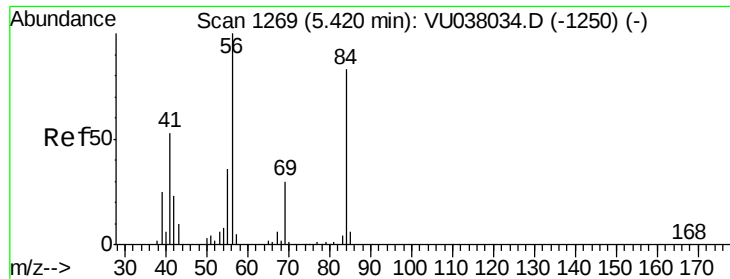
Tgt Ion: 83 Resp: 28313

Ion Ratio Lower Upper

83 100

85 63.2 46.2 85.8

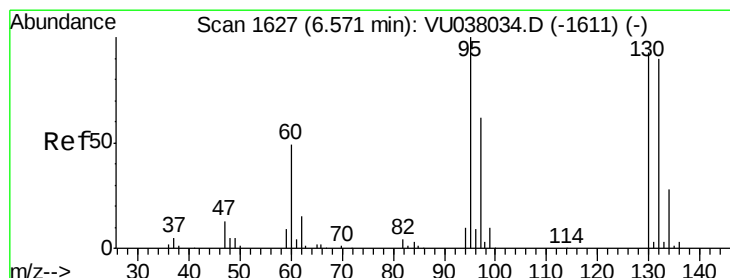
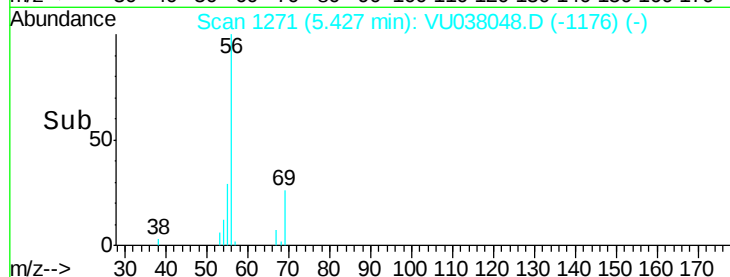
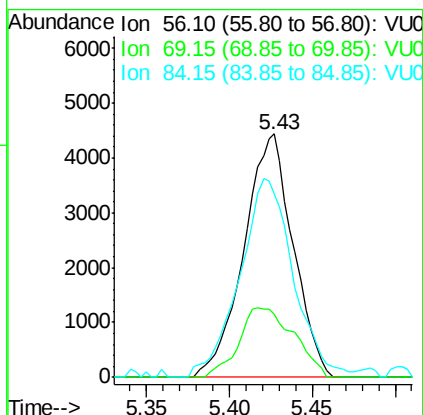
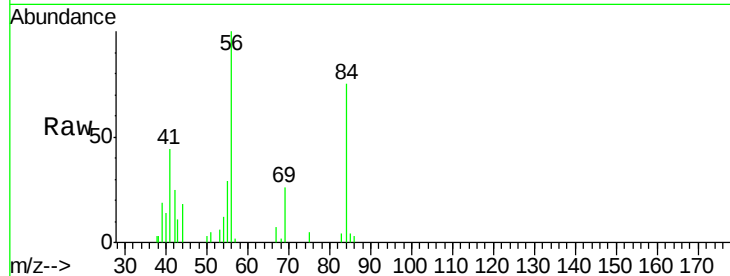




#30
Cyclohexane
Concen: 0.179 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.01 min
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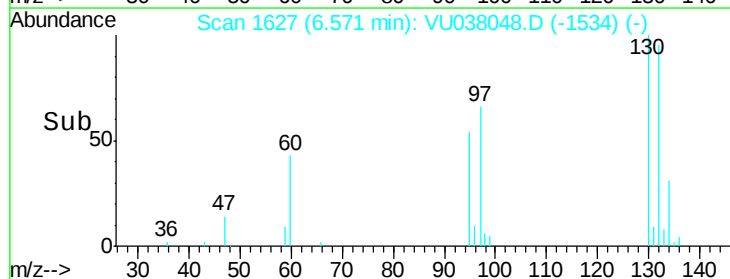
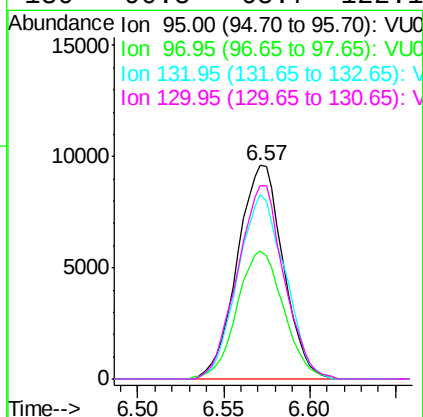
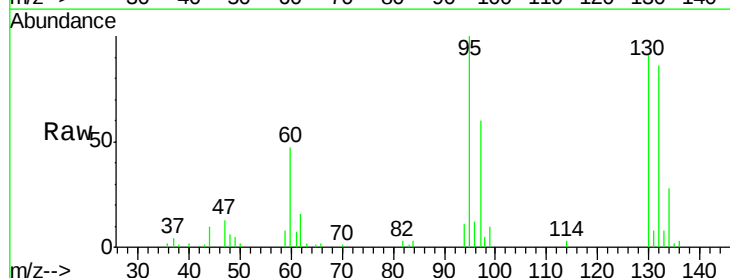
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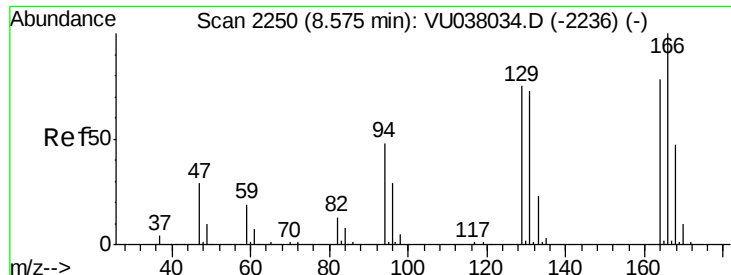
Tot Ion: 56 Resp: 9156
Ion Ratio Lower Upper
56 100
69 31.9 24.2 36.4
84 89.0 68.5 102.7



#34
Trichloroethene
Concen: 0.585 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038048.D
Acq: 07 May 2020 18:54

Tgt Ion: 95 Resp: 17716
Ion Ratio Lower Upper
95 100
97 59.9 44.9 83.3
132 86.3 63.3 117.5
130 90.5 65.7 122.1





#47

Tetrachloroethene

Concen: 0.420 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038048.D

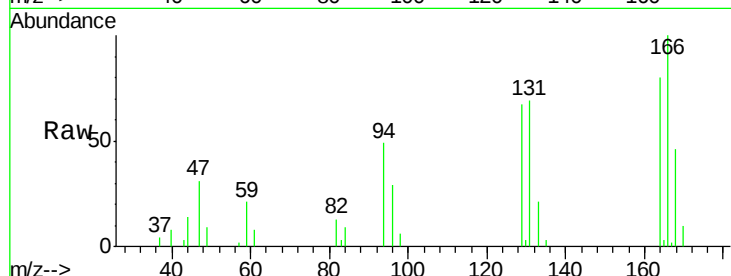
Acq: 07 May 2020 18:54

Instrument :

MSVOA_U

ClientSampleId :

BFSJ8



Tot Ion:164 Resp: 8901

Ion Ratio Lower Upper

164 100

129 83.7 68.8 127.8

131 86.1 66.8 124.2

166 124.9 88.9 165.1

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

