

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110320\
 Data File : VU041071.D
 Acq On : 03 Nov 2020 12:19
 Operator : SY/MD
 Sample : L4614-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSH4

Quant Time: Nov 04 01:23:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 04 00:51:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	53532	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	54479	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23225	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	18690	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.92	69	14614	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.58	63	27049	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.66	46	83055	56.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.16%
24) Chloroform-d	5.08	84	35443	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.72	65	23557	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.74	84	64224	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.70	67	22866	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.91	98	51806	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	8.19	79	9020	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.64	63	56791	51.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21444	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	20860	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

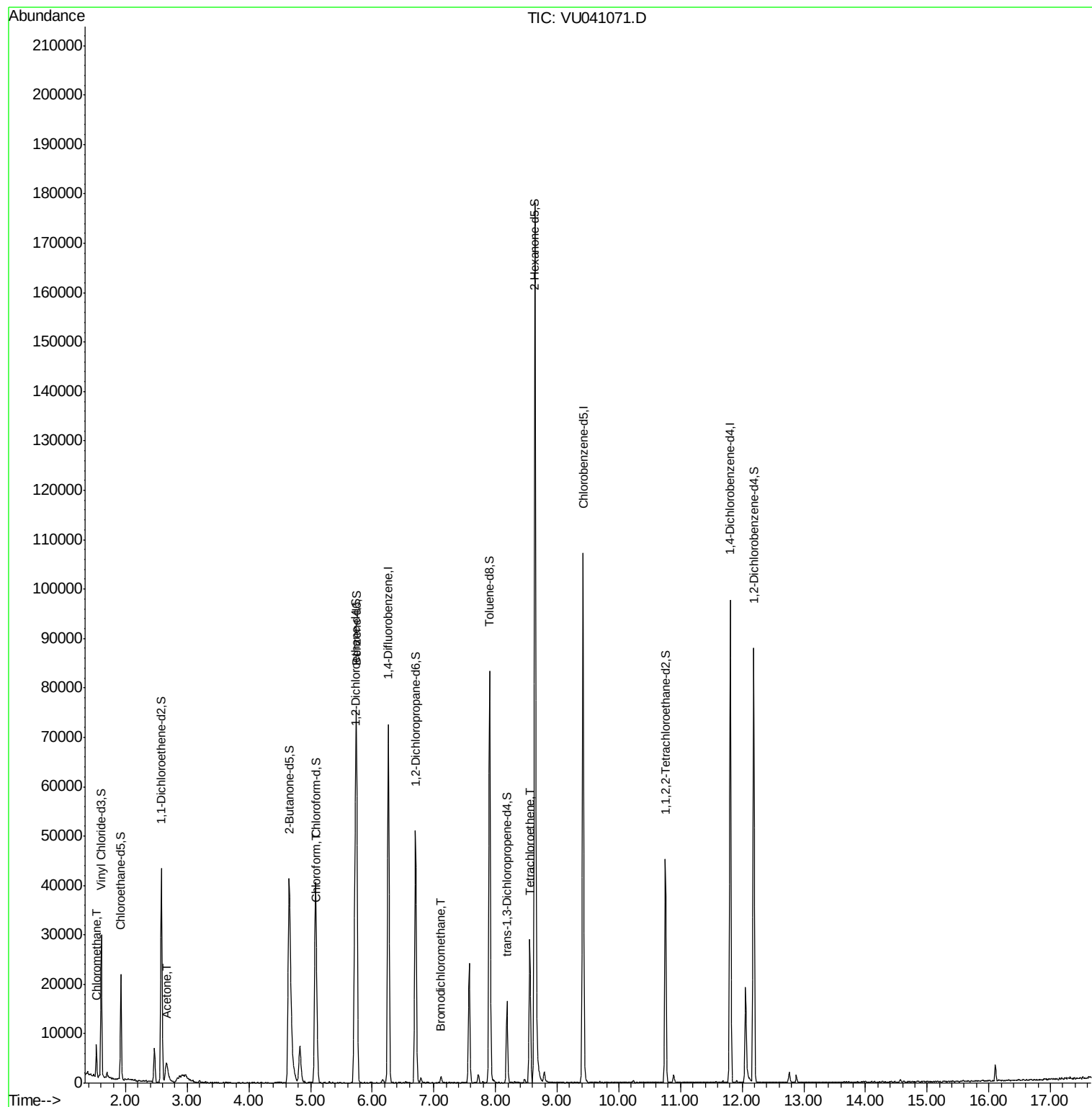
					Ovalue
3) Chloromethane	1.53	50	4337	0.851 ug/L	93
13) Acetone	2.66	43	9430	9.313 ug/L #	67
25) Chloroform	5.11	83	4031	0.523 ug/L	97
38) Bromodichloromethane	7.11	83	1002	0.175 ug/L #	95
47) Tetrachloroethene	8.56	164	6056	1.988 ug/L	93

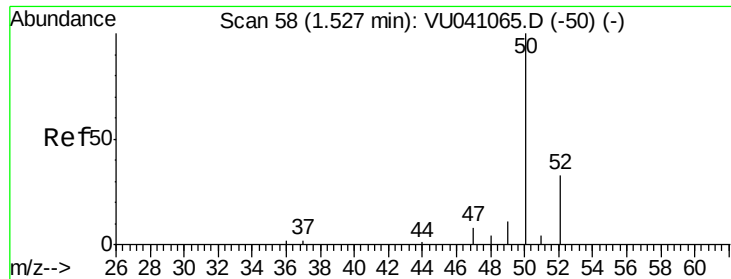
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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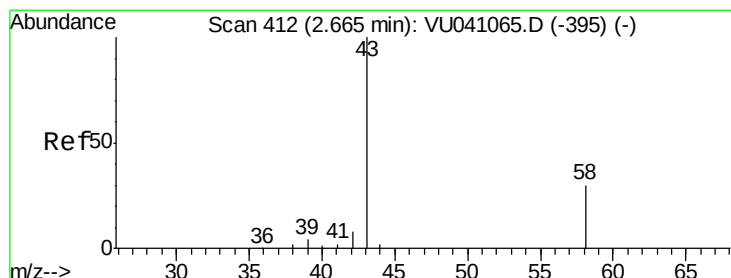
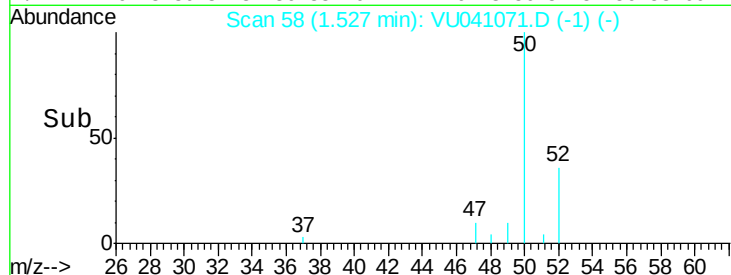
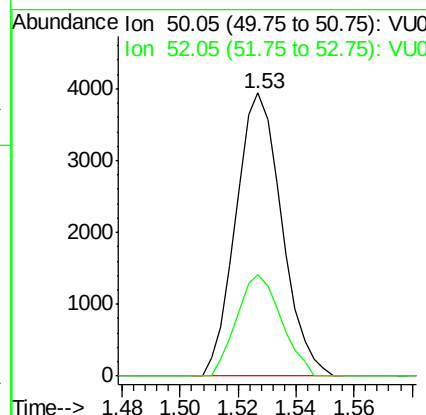
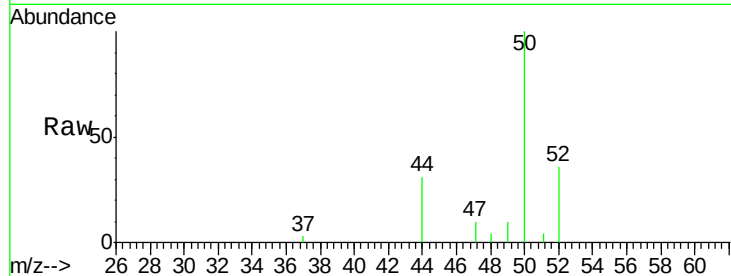




#3
 Chloromethane
 Concen: 0.851 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU041071.D
 Acq: 03 Nov 2020 12:19

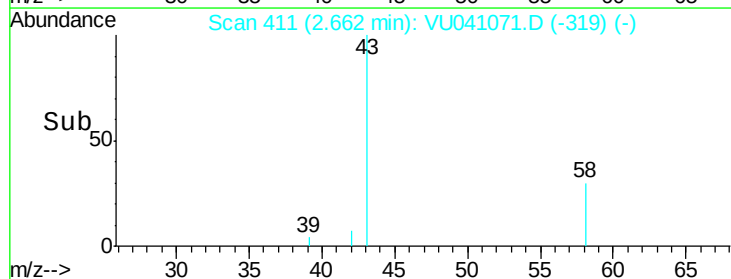
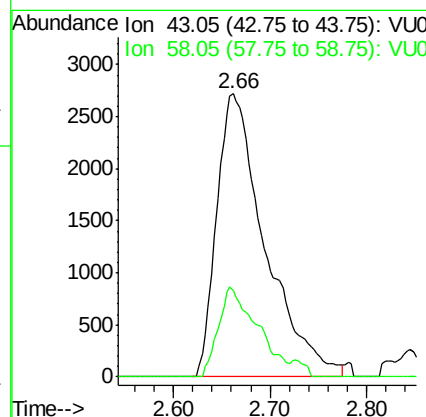
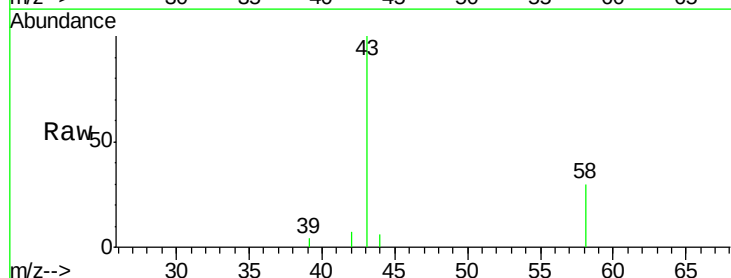
Instrument :
 MSVOA_U
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 BFSH4

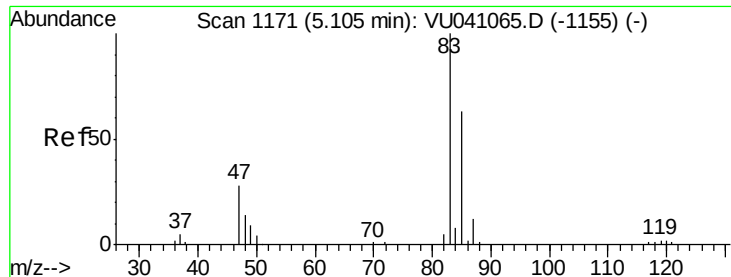
Tot Ion: 50 Resp: 4337
 Ion Ratio Lower Upper
 50 100
 52 35.7 22.4 41.6



#13
 Acetone
 Concen: 9.313 ug/L
 RT: 2.66 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: VU041071.D
 Acq: 03 Nov 2020 12:19

Tgt Ion: 43 Resp: 9430
 Ion Ratio Lower Upper
 43 100
 58 25.6 0.0 25.4#

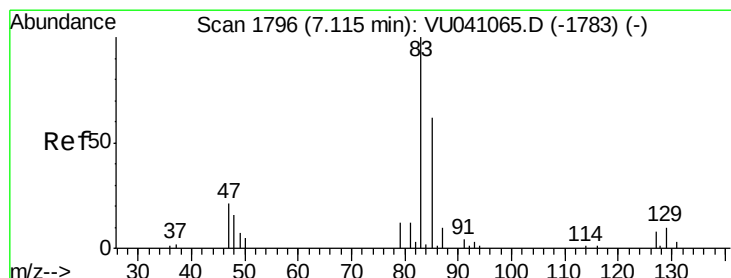
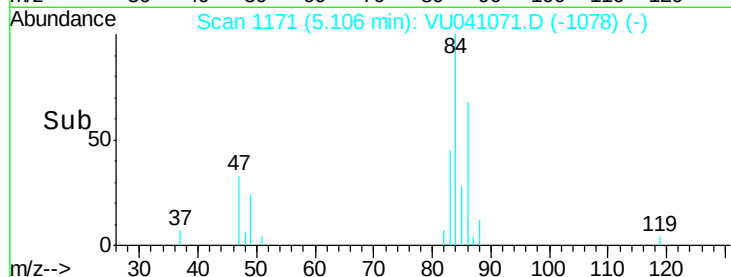
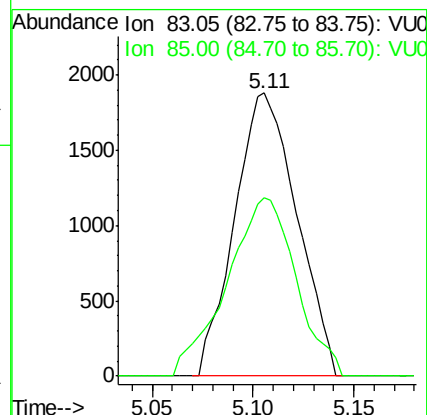
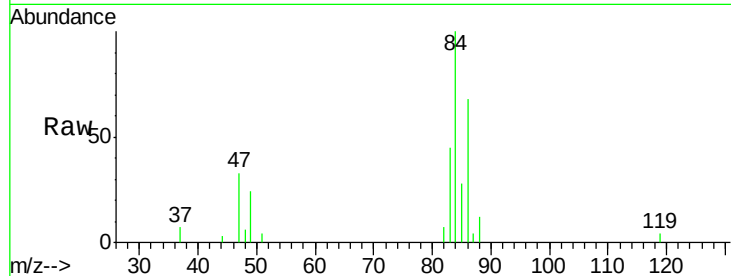




#25
Chloroform
Concen: 0.523 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041071.D
Acq: 03 Nov 2020 12:19

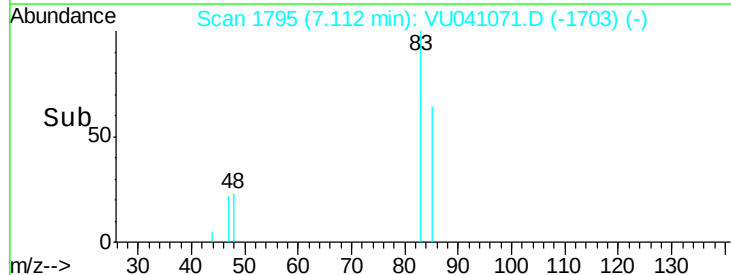
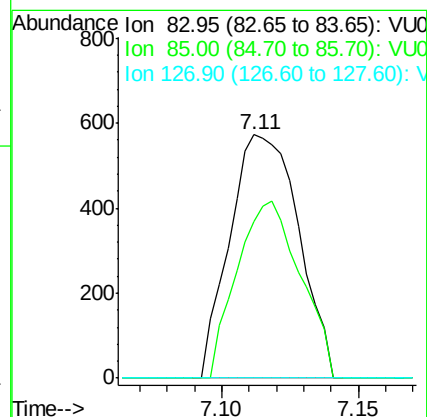
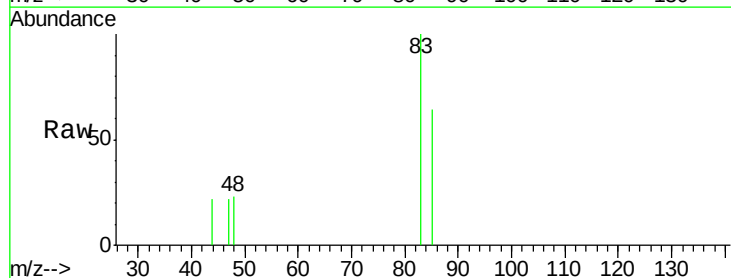
Instrument :
MSVOA_U
ClientSampled :
BFSH4

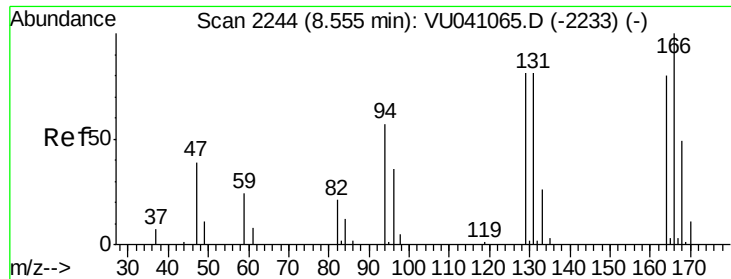
Tot Ion: 83 Resp: 4031
Ion Ratio Lower Upper
83 100
85 63.2 46.1 85.7



#38
Bromodichloromethane
Concen: 0.175 ug/L
RT: 7.11 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VU041071.D
Acq: 03 Nov 2020 12:19

Tgt Ion: 83 Resp: 1002
Ion Ratio Lower Upper
83 100
85 64.4 43.3 80.3
127 0.0 5.9 8.9#





#47

Tetrachloroethene

Concen: 1.988 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041071.D

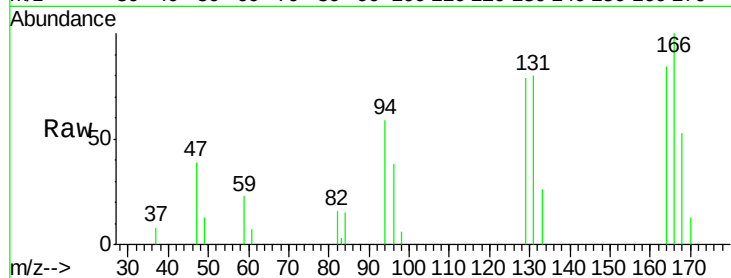
Acq: 03 Nov 2020 12:19

Instrument :

MSVOA_U

ClientSampleId :

BFSH4



Tot Ion:164 Resp: 6056

Ion Ratio Lower Upper

164 100

129 94.6 70.3 130.7

131 95.6 70.8 131.4

166 119.5 92.0 170.8

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

