

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092118\
 Data File : VV007689.D
 Acq On : 21 Sep 2018 10:52
 Operator : SY/MD
 Sample : J4990-13
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T15

Quant Time: Sep 22 00:00:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 21 03:27:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	104605	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	96851	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50530	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18126	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.59	69	19709	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.13	63	34551	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	3.96	46	51712	47.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.30%
24) Chloroform-d	4.41	84	46417	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.09	65	24490	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	87506	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.12	67	26779	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.36	98	87882	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.67	79	9193	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.14	63	34891	39.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.62%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21220	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	40955	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

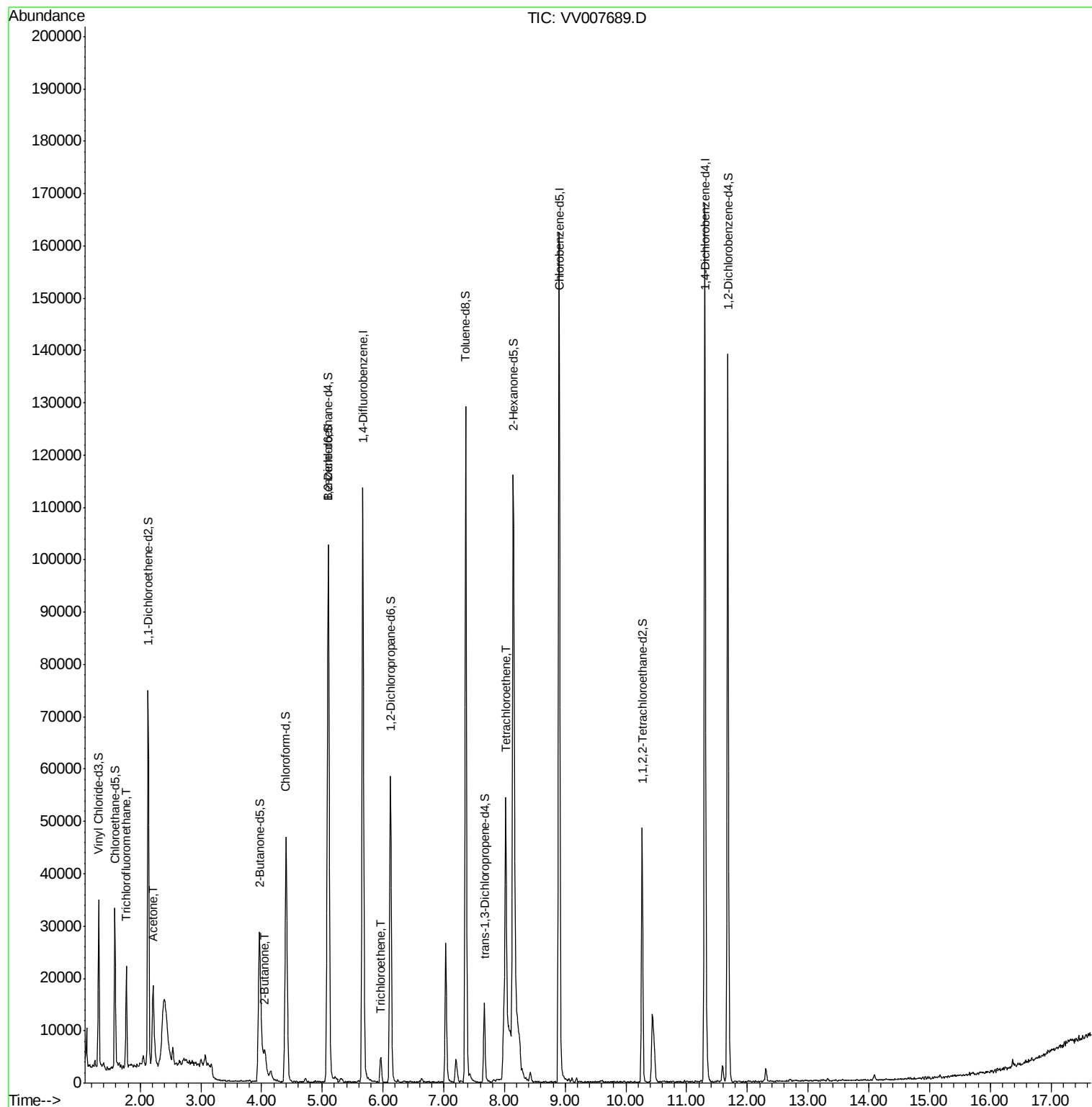
					Ovalue
9) Trichlorofluoromethane	1.77	101	10230	0.644 ug/L	95
13) Acetone	2.22	43	21828	20.660 ug/L	98
21) 2-Butanone	4.05	43	4006	3.006 ug/L	98
34) Trichloroethene	5.96	95	1732	0.229 ug/L	93
47) Tetrachloroethene	8.02	164	10646	1.432 ug/L	96

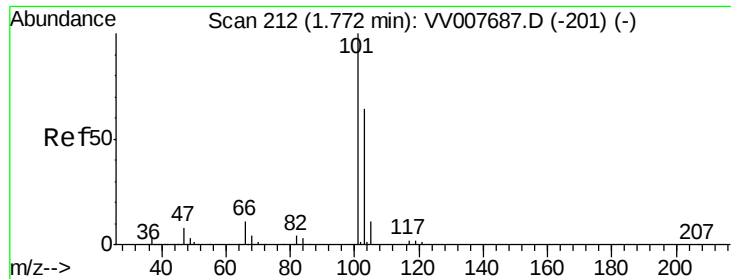
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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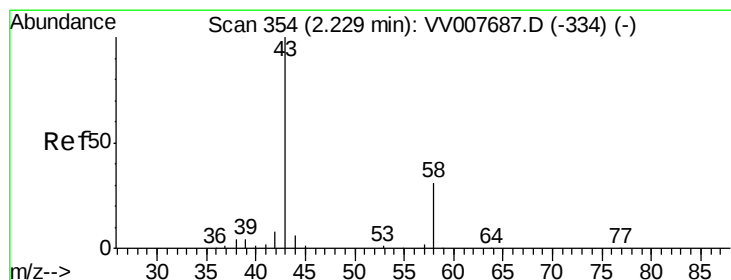
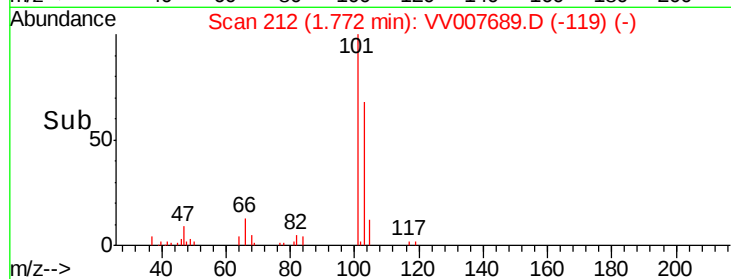
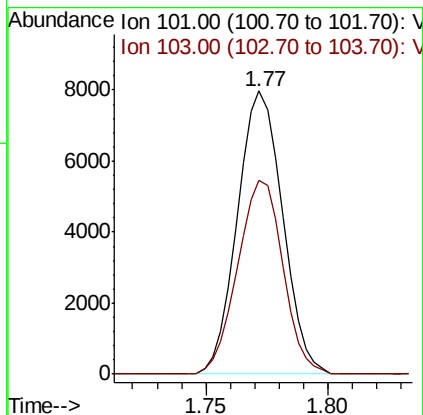
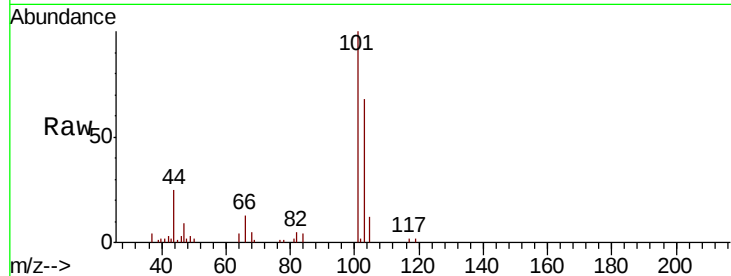


#9

Trichlorofluoromethane
 Concen: 0.644 ug/L
 RT: 1.77 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VV007689.D
 Acq: 21 Sep 2018 10:52

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T15

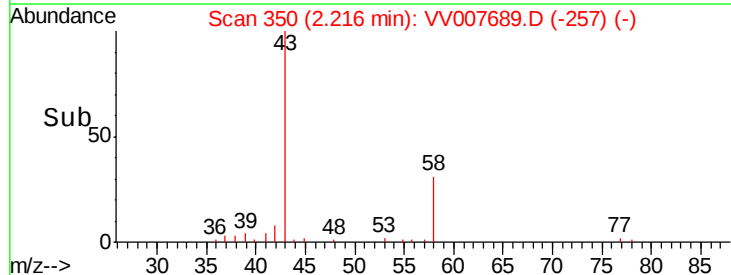
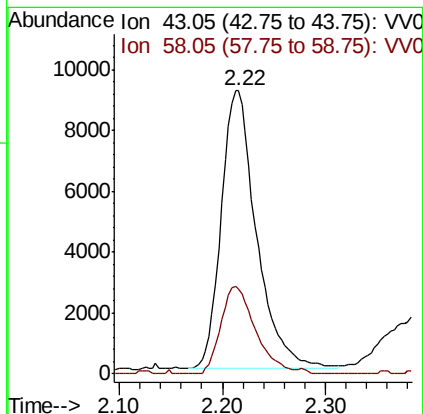
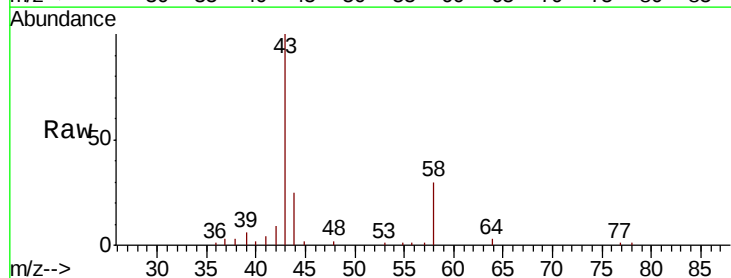
Tot Ion:101 Resp: 10230
 Ion Ratio Lower Upper
 101 100
 103 68.6 51.9 77.9

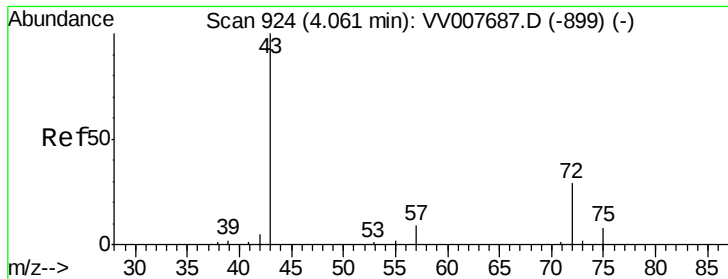


#13

Acetone
 Concen: 20.660 ug/L
 RT: 2.22 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VV007689.D
 Acq: 21 Sep 2018 10:52

Tgt Ion: 43 Resp: 21828
 Ion Ratio Lower Upper
 43 100
 58 30.7 0.0 63.6





#21

2-Butanone

Concen: 3.006 ug/L

RT: 4.05 min Scan# 921

Delta R.T. -0.00 min

Lab File: VV007689.D

Acq: 21 Sep 2018 10:52

Instrument :

MSVOA_V

ClientSampled :

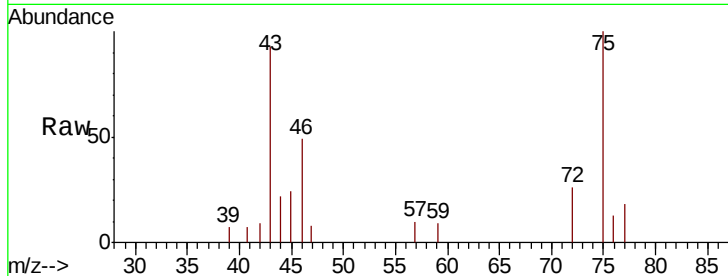
COT15

Tot Ion: 43 Resp: 4006

Ion Ratio Lower Upper

43 100

72 30.8 14.8 44.4



Abundance Ion 43.05 (42.75 to 43.75): VV007687.D (-899) (-)

Ion 72.10 (71.80 to 72.80): VV007687.D (-899) (-)

4.05

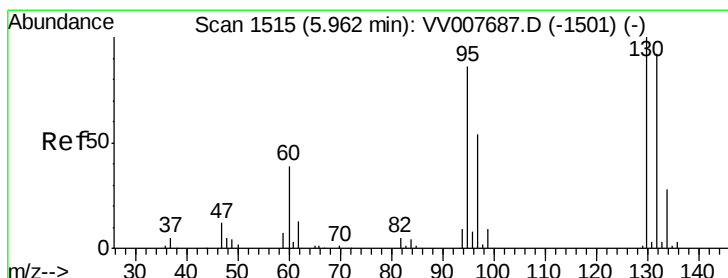
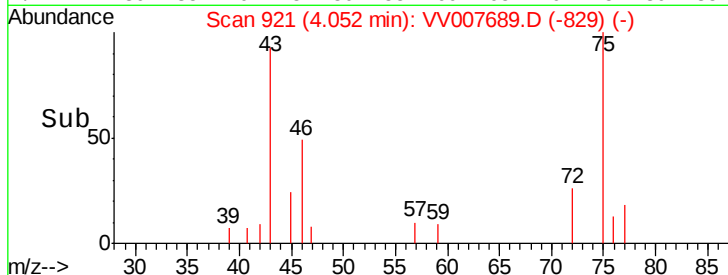
1500

1000

500

0

Time--> 3.95 4.00 4.05 4.10 4.15



#34

Trichloroethene

Concen: 0.229 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV007689.D

Acq: 21 Sep 2018 10:52

Tgt Ion: 95 Resp: 1732

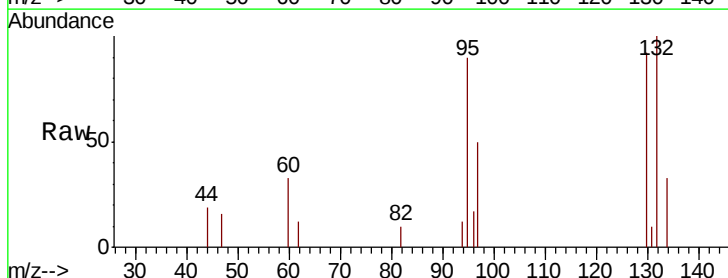
Ion Ratio Lower Upper

95 100

97 55.1 45.1 83.9

132 111.0 78.2 145.2

130 101.8 78.8 146.3



Abundance Ion 95.00 (94.70 to 95.70): VV007687.D (-1501) (-)

Ion 96.95 (96.65 to 97.65): VV007687.D (-1501) (-)

Ion 131.95 (131.65 to 132.65): VV007687.D (-1501) (-)

Ion 129.95 (129.65 to 130.65): VV007687.D (-1501) (-)

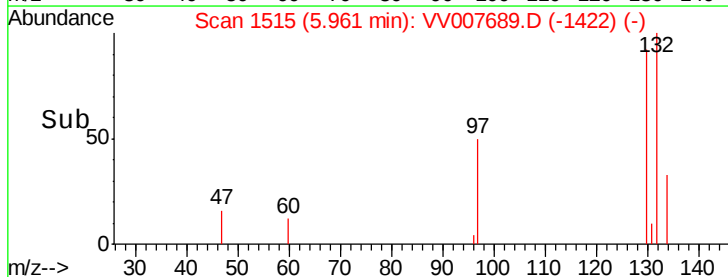
1500

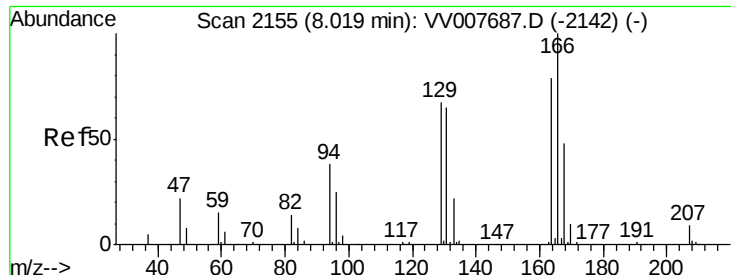
1000

500

0

Time--> 5.90 5.95 5.96 5.97 5.98 5.99 6.00





#47

Tetrachloroethene

Concen: 1.432 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007689.D

Acq: 21 Sep 2018 10:52

Instrument :
MSVOA_V
ClientSampleId :
COT15

Tot Ion:164 Resp: 10646

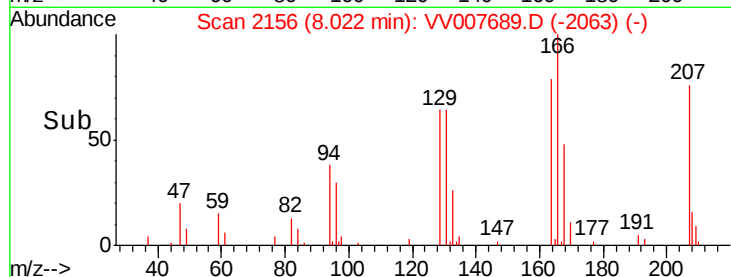
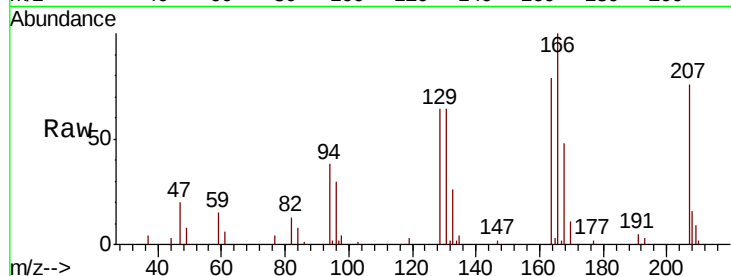
Ion Ratio Lower Upper

164 100

129 81.4 61.5 114.3

131 81.7 60.9 113.1

166 127.0 88.8 165.0



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

