

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
 Data File : VV012635.D
 Acq On : 09 Sep 2019 20:55
 Operator : SY/MD
 Sample : K4724-12
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDB2

Quant Time: Sep 11 01:12:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 10 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	406600	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	401766	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	169242	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	126335	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	112695	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.13	63	153712	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	3.94	46	298199	44.93	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.86%
24) Chloroform-d	4.40	84	224438	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.08	65	126420	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.10	84	476879	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.12	67	159005	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.36	98	386627	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.66	79	49040	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.13	63	214377	54.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	120676	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	161983	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

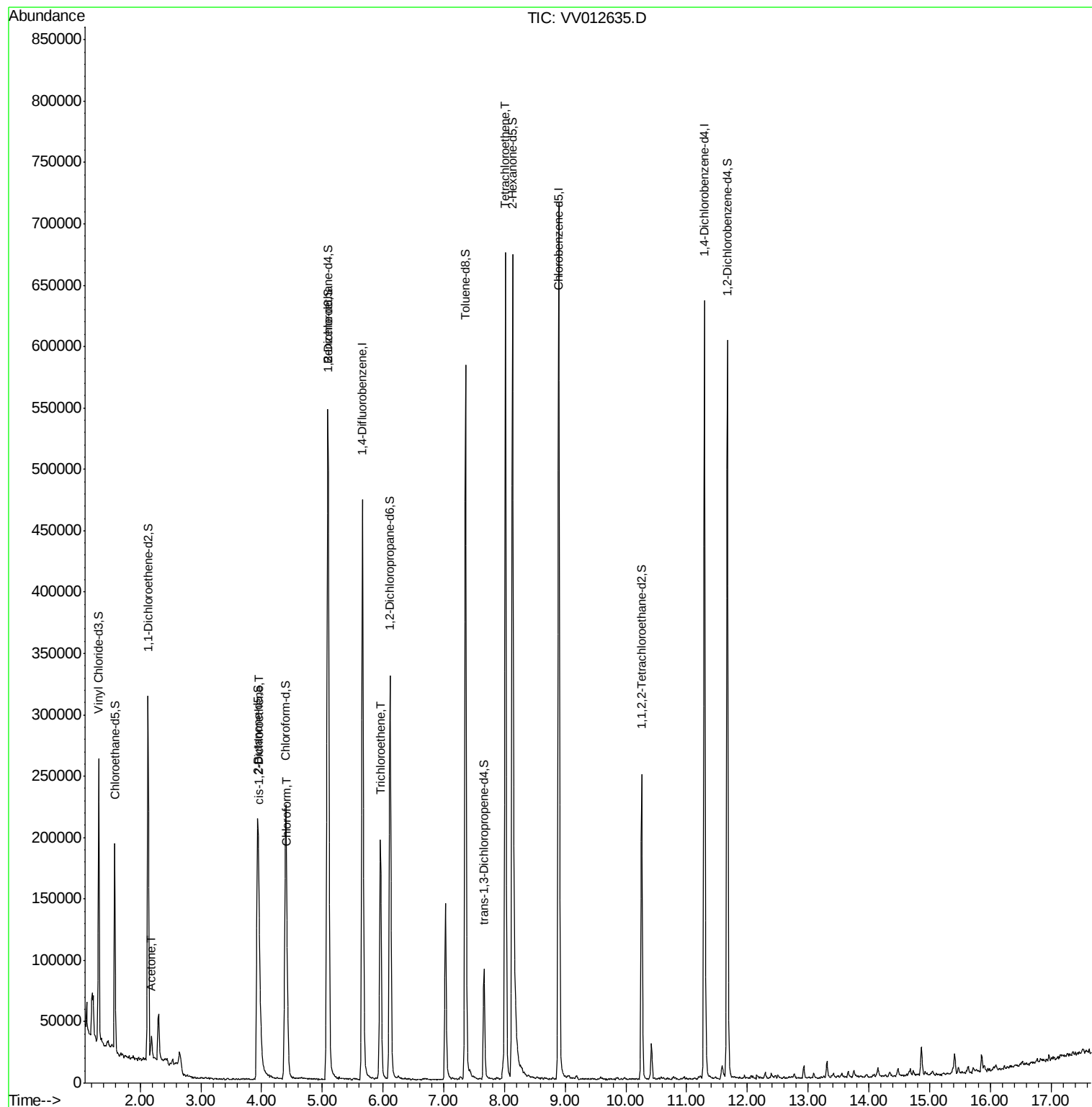
					Ovalue
13) Acetone	2.19	43	16445	4.227 ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	6568	0.213 ug/L	86
25) Chloroform	4.42	83	29550	0.502 ug/L	98
34) Trichloroethene	5.96	95	63458	1.956 ug/L	97
47) Tetrachloroethene	8.02	164	158075	6.206 ug/L	97

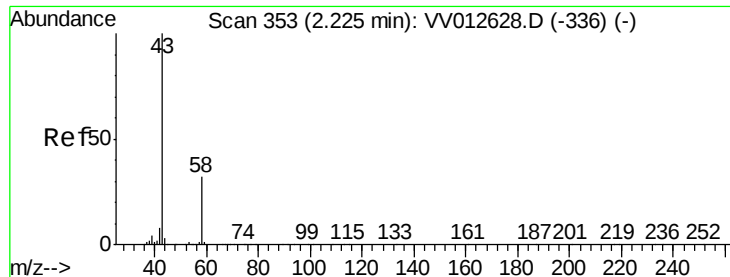
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.227 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV012635.D

Acq: 09 Sep 2019 20:55

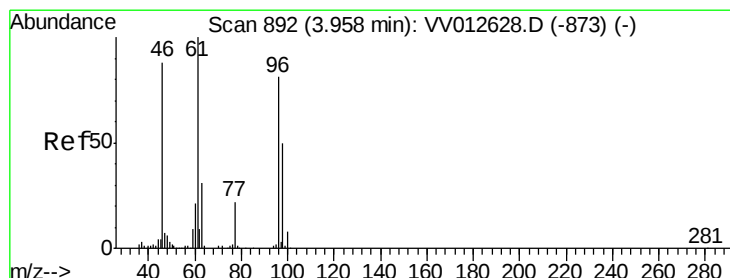
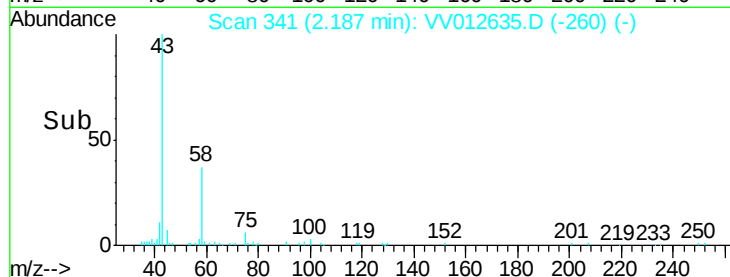
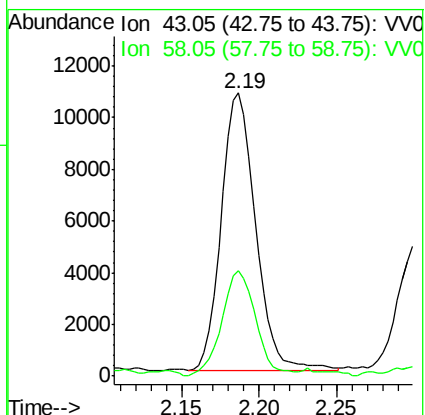
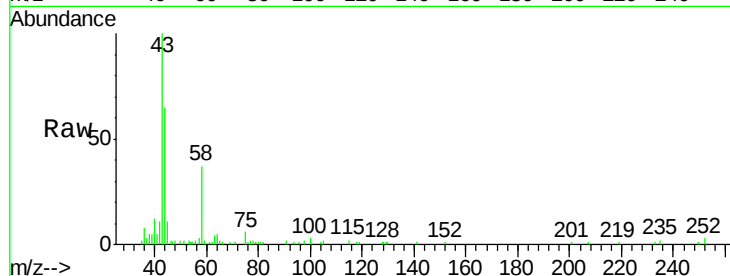
Instrument :
MSVOA_V
ClientSampleId :
BFDB2

Tot Ion: 43 Resp: 16445

Ion Ratio Lower Upper

43 100

58 37.7 0.0 67.4



#22

cis-1,2-Dichloroethene

Concen: 0.213 ug/L

RT: 3.96 min Scan# 892

Delta R.T. -0.00 min

Lab File: VV012635.D

Acq: 09 Sep 2019 20:55

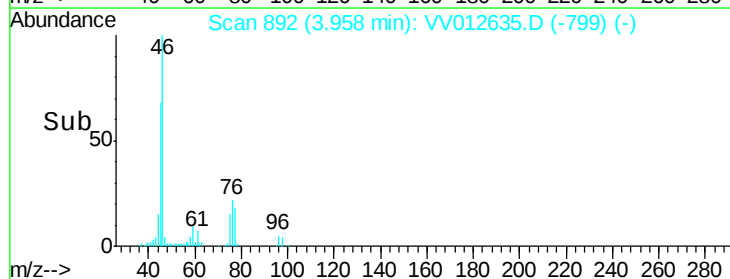
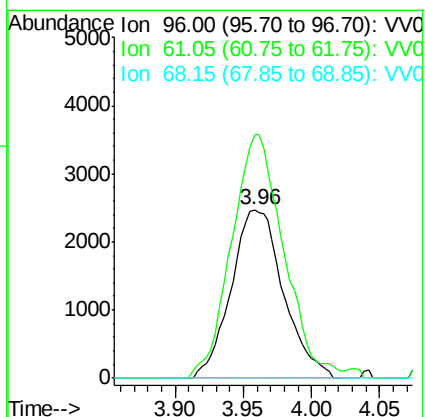
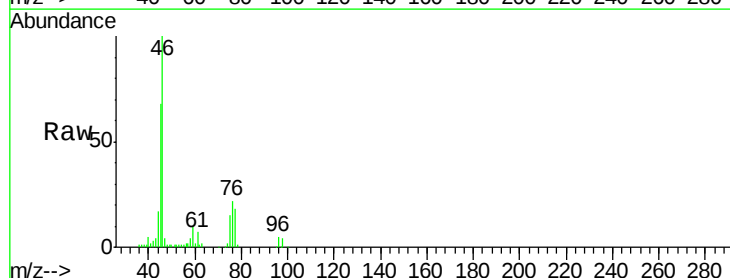
Tgt Ion: 96 Resp: 6568

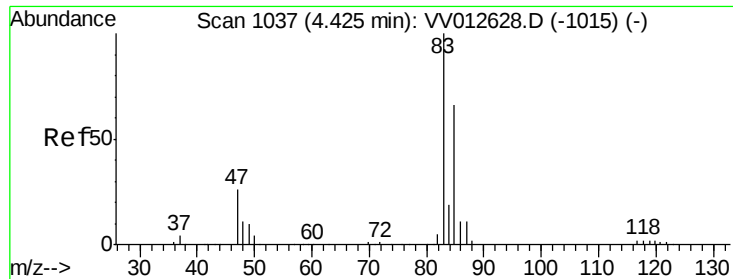
Ion Ratio Lower Upper

96 100

61 144.1 89.7 166.5

68 0.0 0.0 0.0

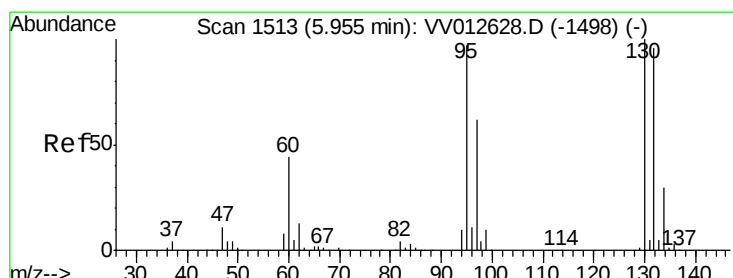
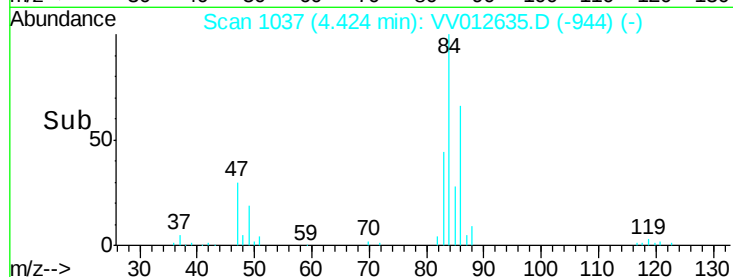
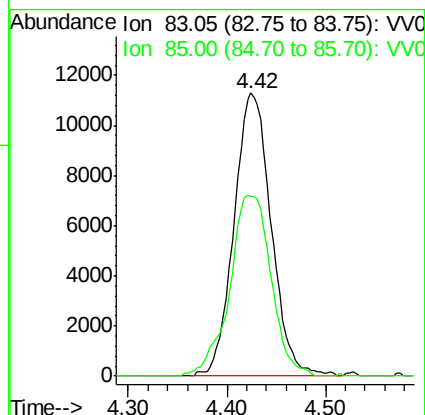
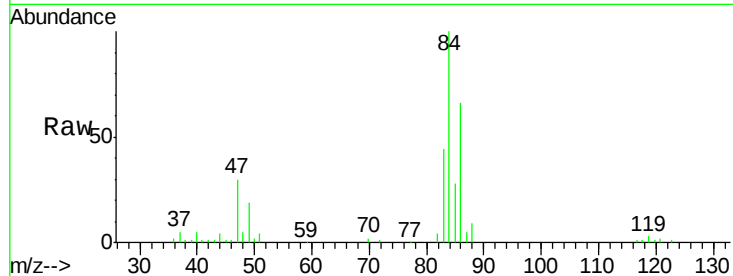




#25
Chloroform
Concen: 0.502 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012635.D
Acq: 09 Sep 2019 20:55

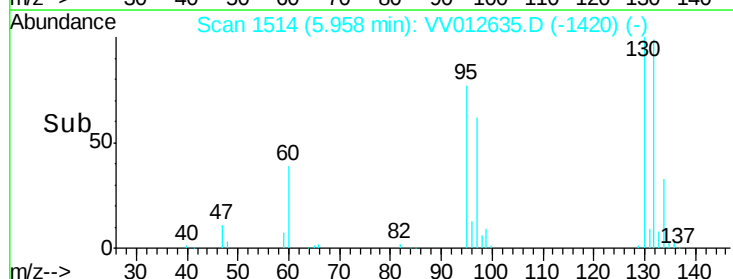
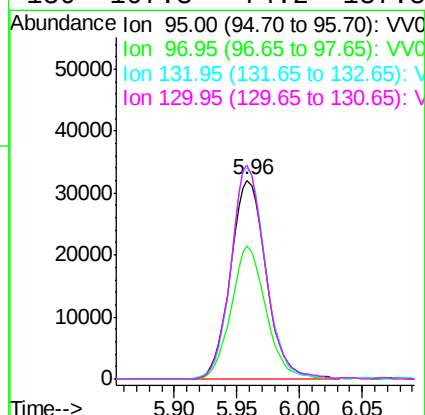
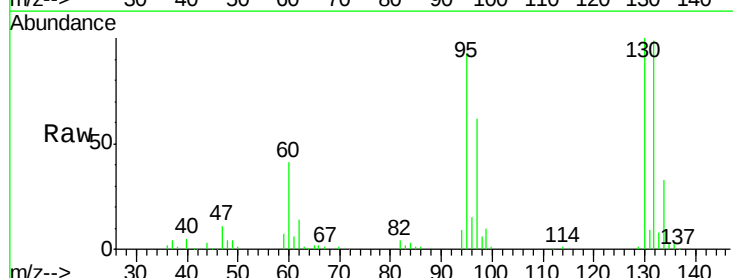
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BFDB2

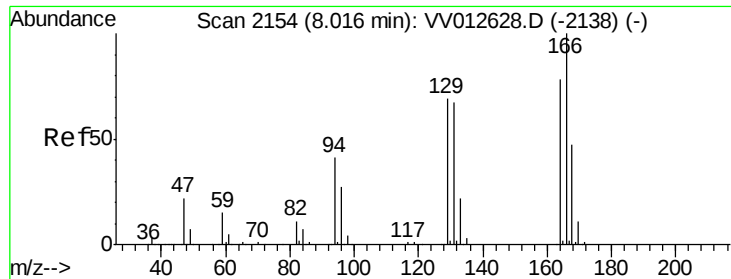
Tot Ion: 83 Resp: 29550
Ion Ratio Lower Upper
83 100
85 63.4 45.3 84.1



#34
Trichloroethene
Concen: 1.956 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012635.D
Acq: 09 Sep 2019 20:55

Tgt Ion: 95 Resp: 63458
Ion Ratio Lower Upper
95 100
97 66.9 45.4 84.2
132 106.3 70.2 130.4
130 107.3 74.2 137.8





#47

Tetrachloroethene

Concen: 6.206 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV012635.D

Acq: 09 Sep 2019 20:55

Instrument :
MSVOA_V
ClientSampleId :
BFDB2

Tot Ion:164 Resp: 158075

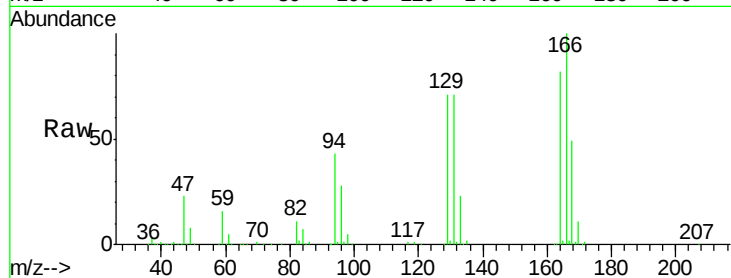
Ion Ratio Lower Upper

164 100

129 86.7 61.9 114.9

131 86.3 59.7 110.9

166 122.0 90.4 167.8



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

