

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015726.D
 Acq On : 27 Apr 2020 14:02
 Operator : SY/MD
 Sample : L2370-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKN2

Quant Time: Apr 28 03:54:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 28 02:16:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	122984	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	119972	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	54011	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	24705	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	1.58	69	27782	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.12	63	44190	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	3.93	46	118061	57.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.42%
24) Chloroform-d	4.38	84	71093	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.06	65	42877	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.08	84	136432	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.10	67	44693	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.34	98	121834	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.65	79	14462	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.11	63	86554	50.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	34128	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	50198	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

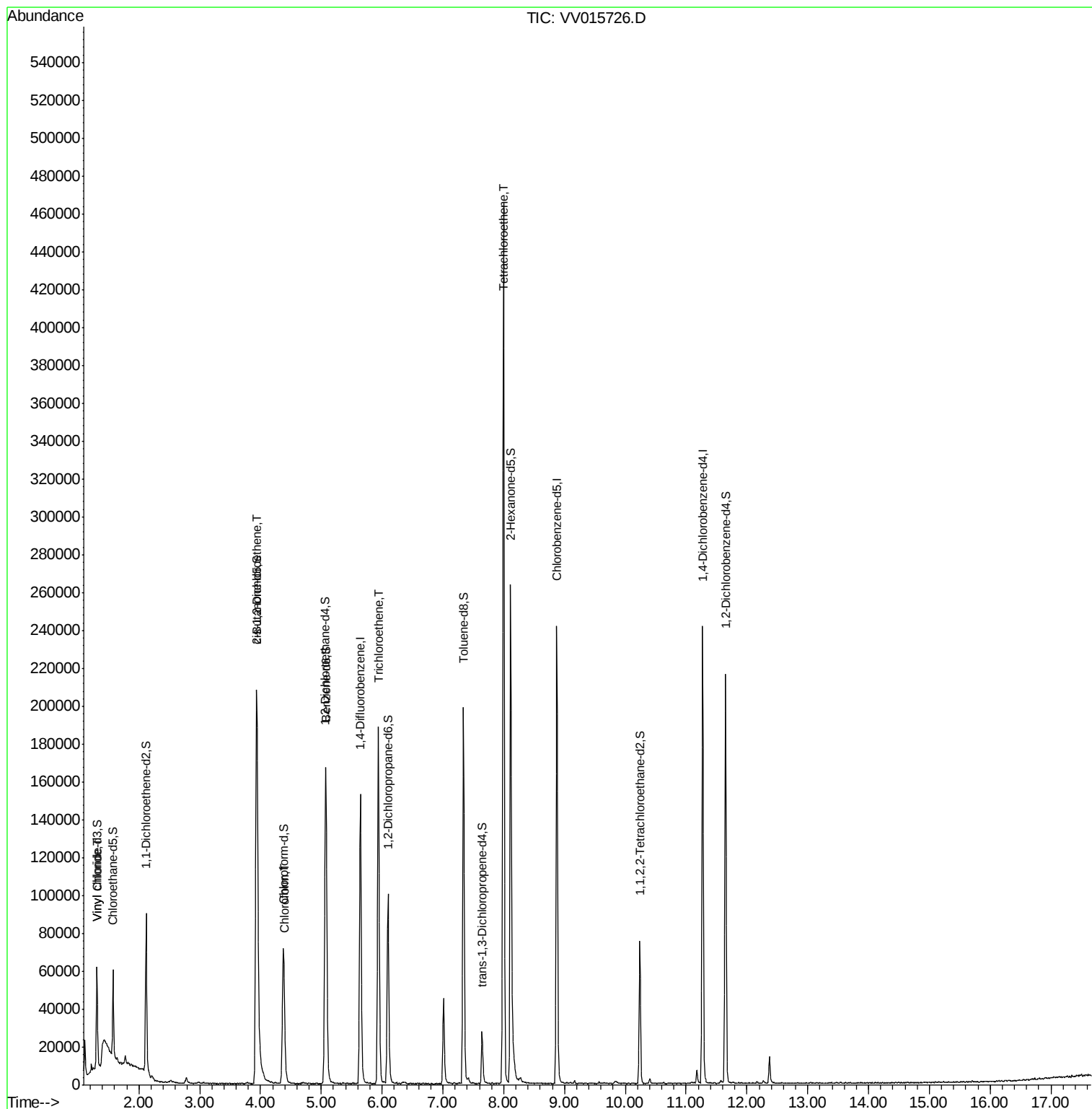
					Ovalue
5) Vinyl chloride	1.32	62	2778	0.285 ug/L	# 1
22) cis-1,2-Dichloroethene	3.94	96	85165	9.611 ug/L	99
25) Chloroform	4.40	83	5277	0.316 ug/L	98
34) Trichloroethene	5.94	95	64060	6.767 ug/L	98
47) Tetrachloroethene	8.00	164	93839	13.768 ug/L	97

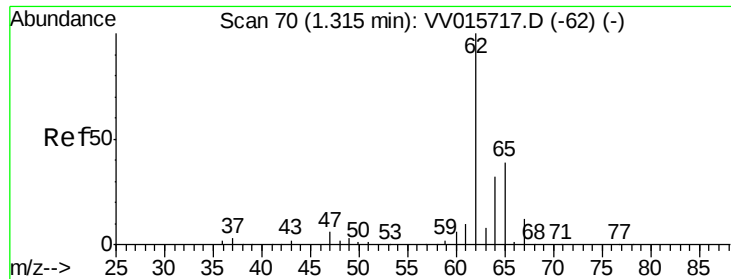
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.285 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

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Acq: 27 Apr 2020 14:02

Instrument :

MSVOA_V

ClientSampled :

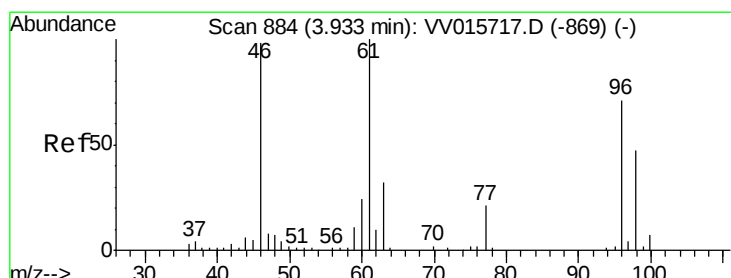
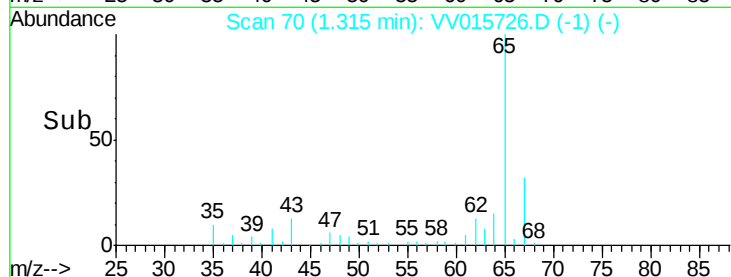
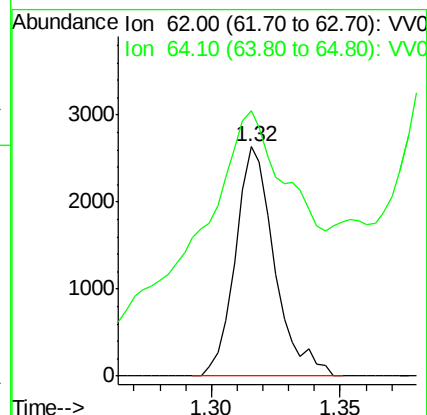
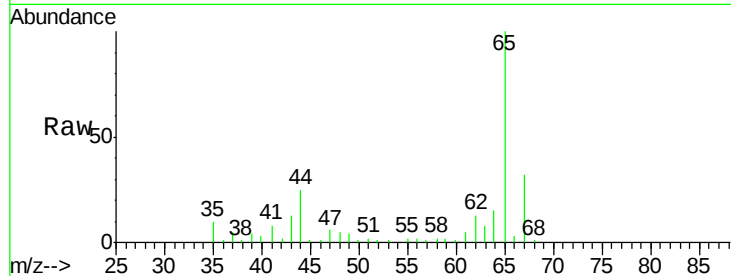
ETKN2

Tot Ion: 62 Resp: 2778

Ion Ratio Lower Upper

62 100

64 115.7 22.7 42.1#



#22

cis-1,2-Dichloroethene

Concen: 9.611 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV015726.D

Acq: 27 Apr 2020 14:02

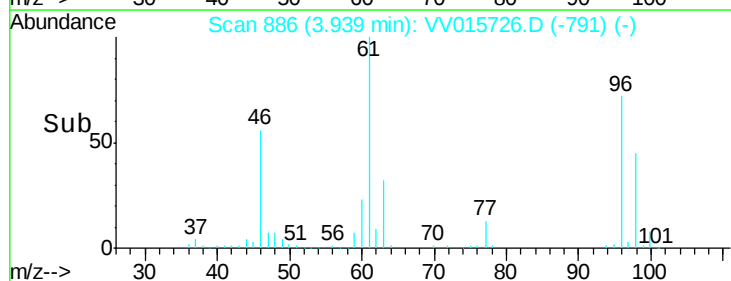
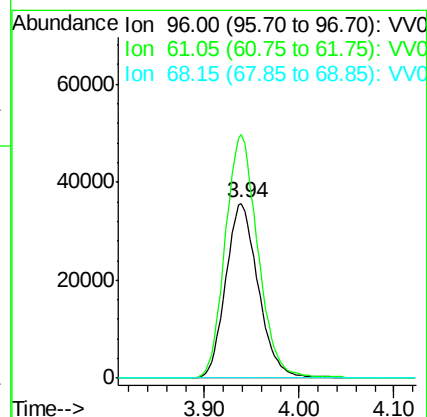
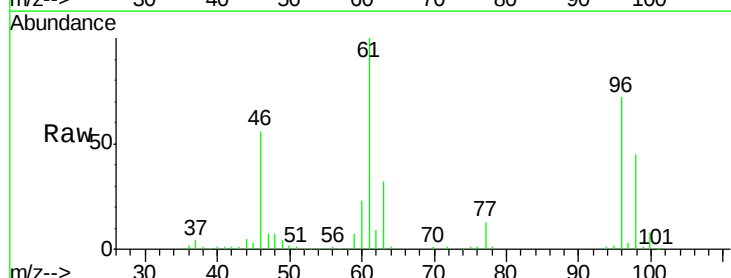
Tgt Ion: 96 Resp: 85165

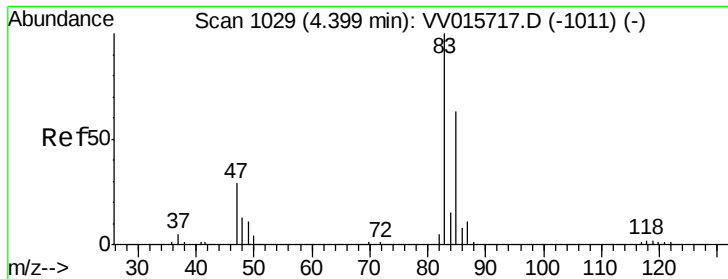
Ion Ratio Lower Upper

96 100

61 139.5 96.4 179.0

68 0.0 0.0 0.0

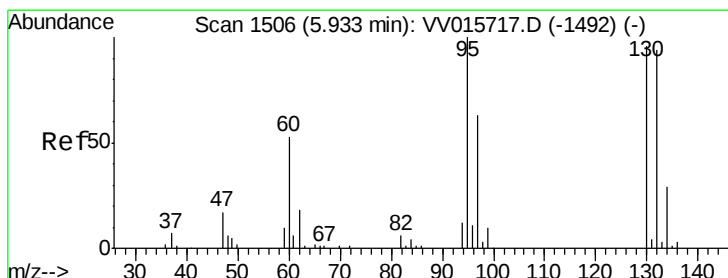
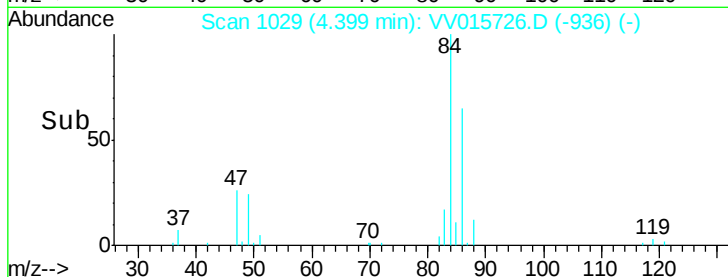
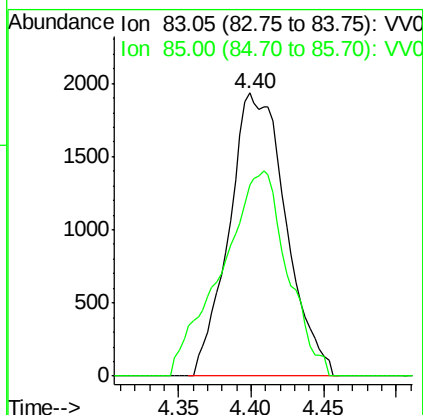
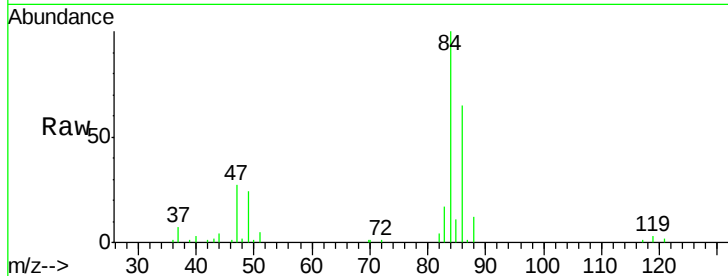




#25
Chloroform
Concen: 0.316 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV015726.D
Acq: 27 Apr 2020 14:02

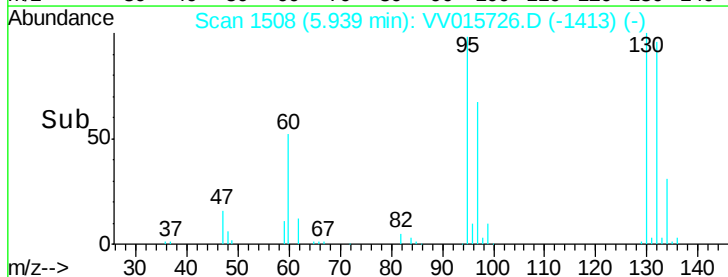
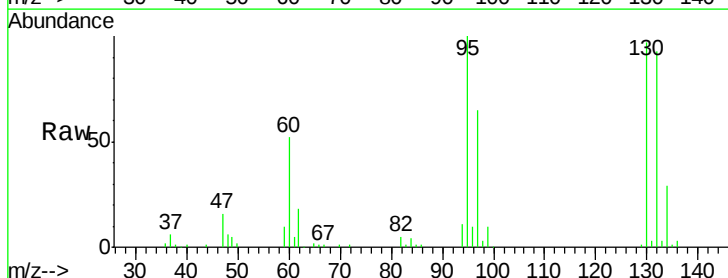
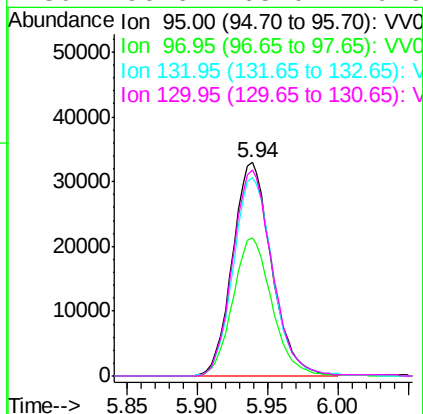
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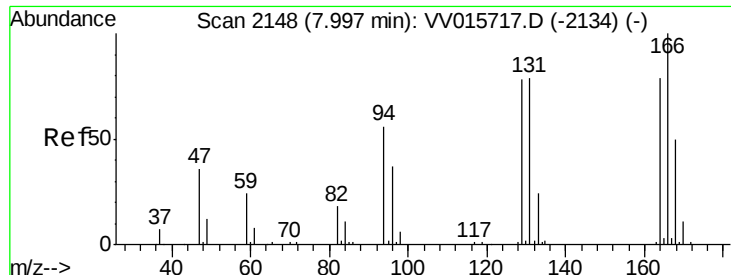
Tot Ion: 83 Resp: 5277
Ion Ratio Lower Upper
83 100
85 67.7 46.1 85.5



#34
Trichloroethene
Concen: 6.767 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.01 min
Lab File: VV015726.D
Acq: 27 Apr 2020 14:02

Tgt Ion: 95 Resp: 64060
Ion Ratio Lower Upper
95 100
97 65.0 44.7 82.9
132 92.7 65.2 121.0
130 96.6 65.0 120.6





#47

Tetrachloroethene

Concen: 13.768 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV015726.D

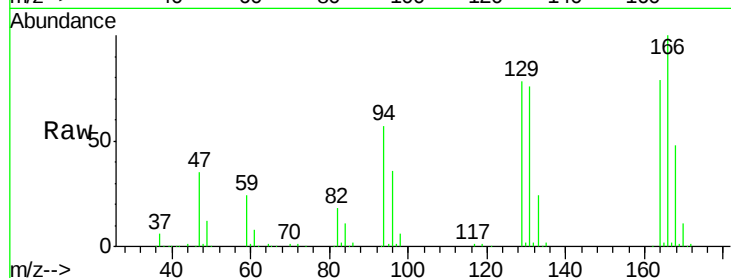
Acq: 27 Apr 2020 14:02

Instrument :

MSVOA_V

ClientSampleId :

ETKN2



Tot Ion:164 Resp: 93839

Ion Ratio Lower Upper

164 100

129 99.2 66.7 123.9

131 95.6 66.6 123.6

166 126.4 85.3 158.5

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

