

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\
 Data File : VV015974.D
 Acq On : 08 May 2020 18:41
 Operator : SY/MD
 Sample : L2520-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4221

Quant Time: May 09 04:43:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:44:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	139941	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	140802	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	64834	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33023	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.58	69	33474	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.12	63	53843	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.92	46	109238	50.44	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.88%
24) Chloroform-d	4.38	84	79247	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.06	65	47593	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.08	84	158016	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.09	67	51252	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.34	98	142752	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
45) trans-1,3-Dichloropropene-	7.64	79	16491	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
48) 2-Hexanone-d5	8.11	63	81438	46.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.38%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34726	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	53344	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

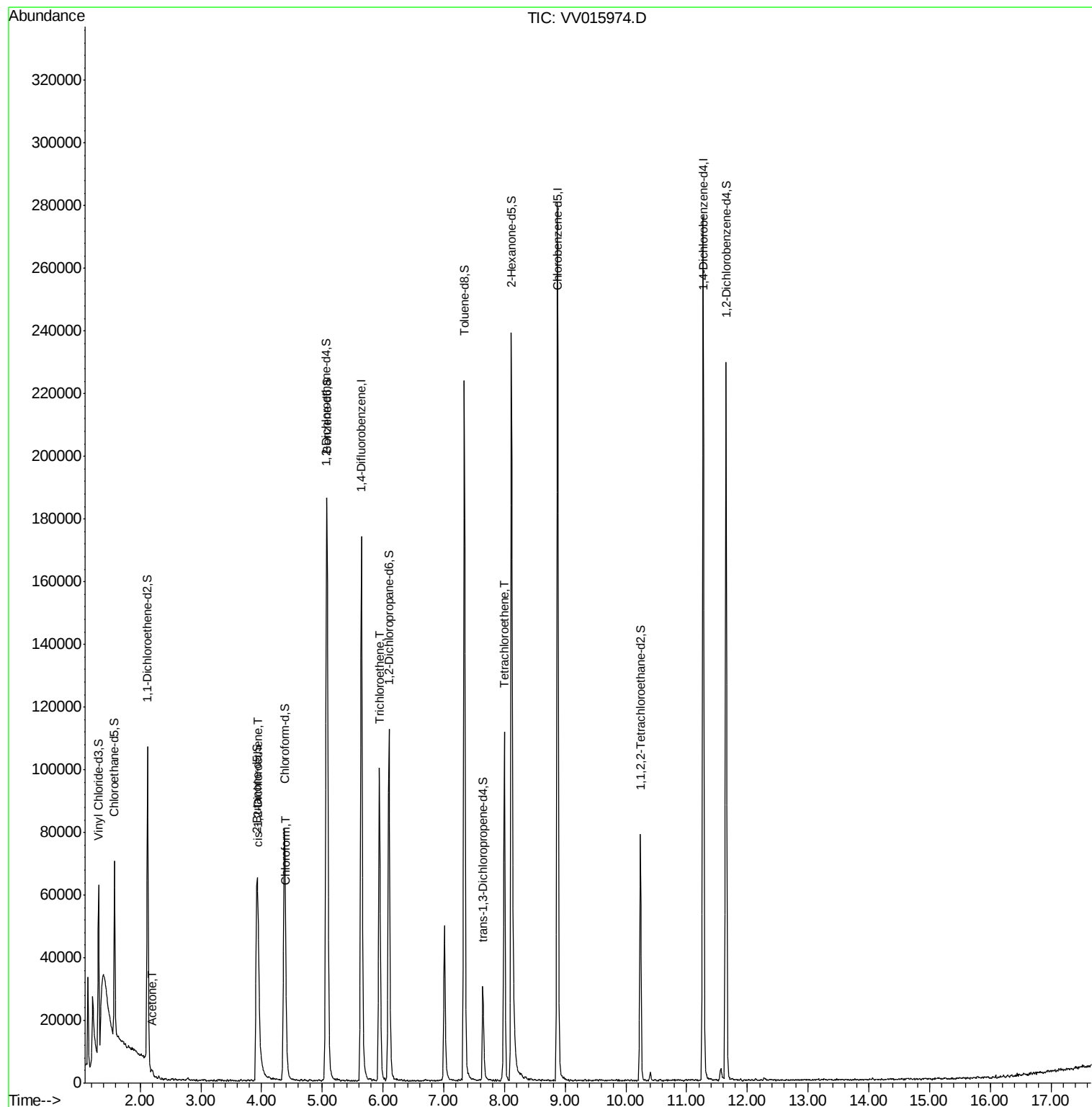
					Ovalue
13) Acetone	2.20	43	2455	1.719 ug/L	63
22) cis-1,2-Dichloroethene	3.95	96	10533	1.182 ug/L	91
25) Chloroform	4.41	83	5690	0.315 ug/L	91
34) Trichloroethene	5.94	95	34229	3.385 ug/L	93
49) Tetrachloroethene	8.00	164	22353	3.168 ug/L	98

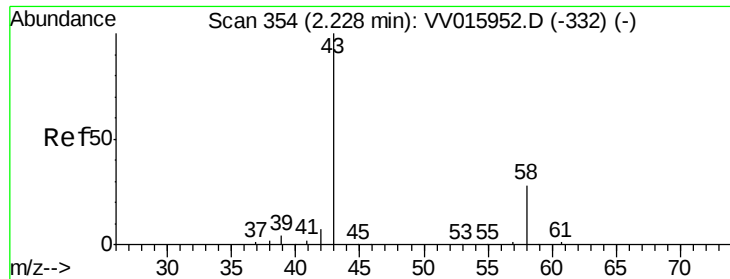
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.719 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.03 min

Lab File: VV015974.D

Acq: 08 May 2020 18:41

Instrument :

MSVOA_V

ClientSampled :

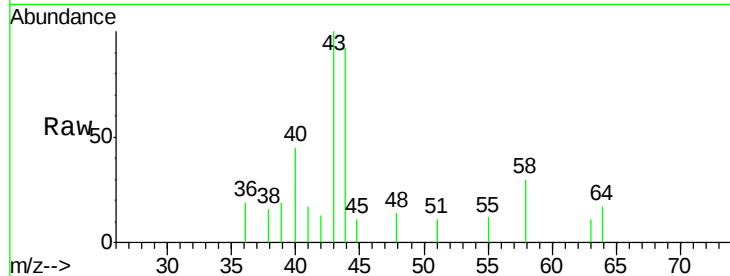
H4221

Tot Ion: 43 Resp: 2455

Ion Ratio Lower Upper

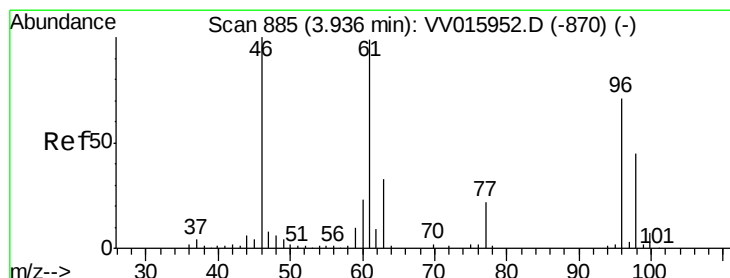
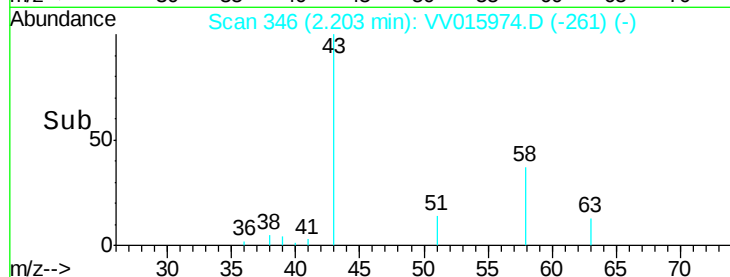
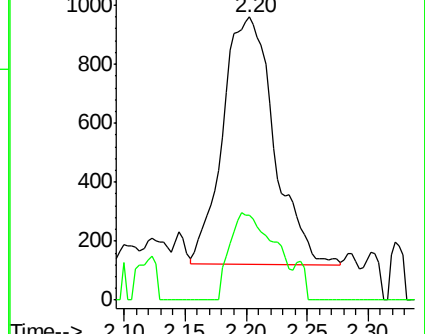
43 100

58 30.8 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 1.182 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV015974.D

Acq: 08 May 2020 18:41

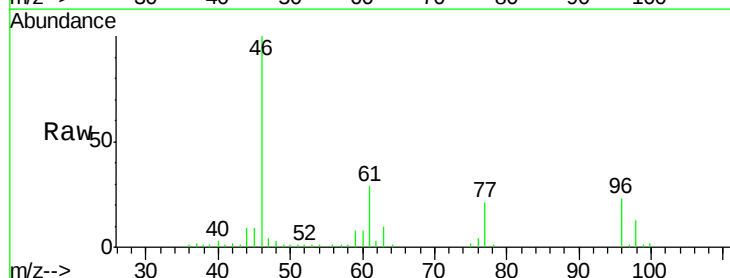
Tgt Ion: 96 Resp: 10533

Ion Ratio Lower Upper

96 100

61 127.8 97.2 180.6

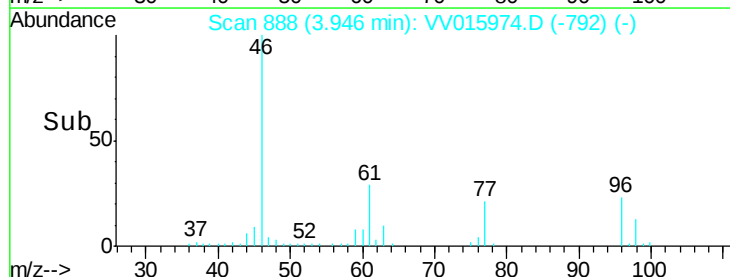
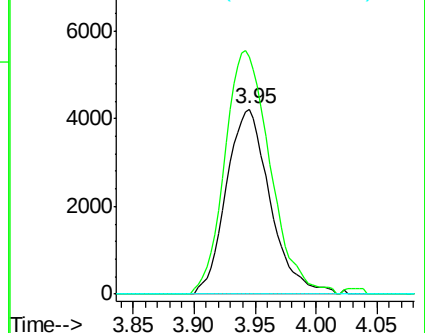
68 0.0 0.0 0.0

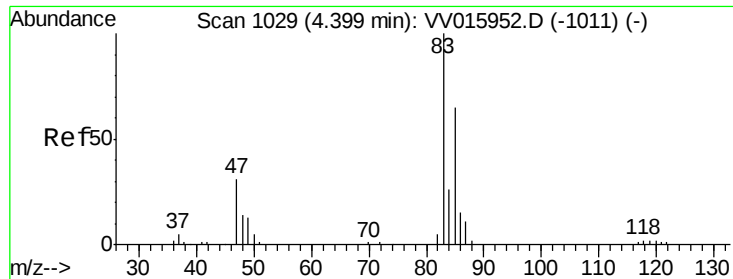


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

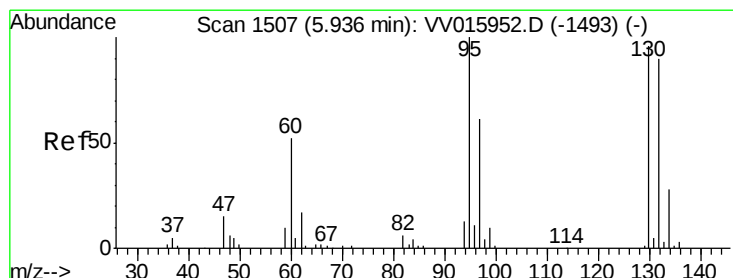
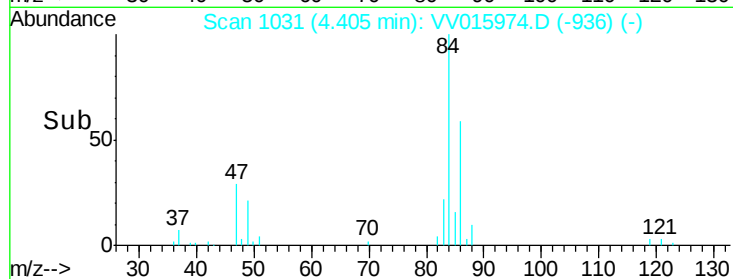
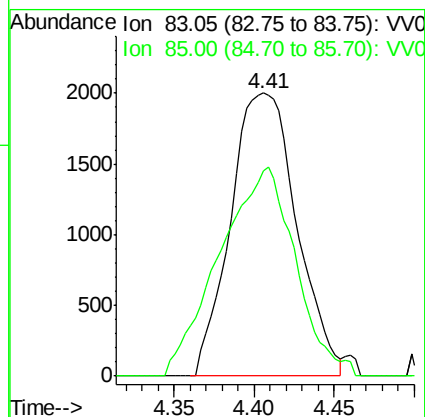
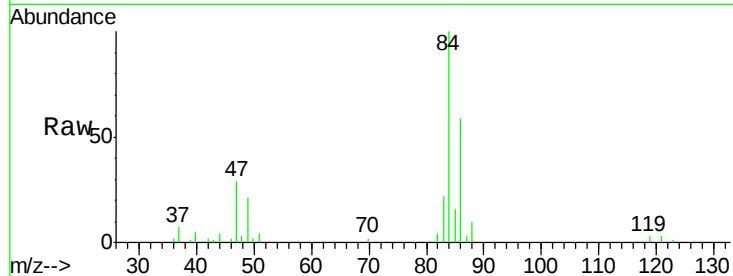




#25
Chloroform
Concen: 0.315 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015974.D
Acq: 08 May 2020 18:41

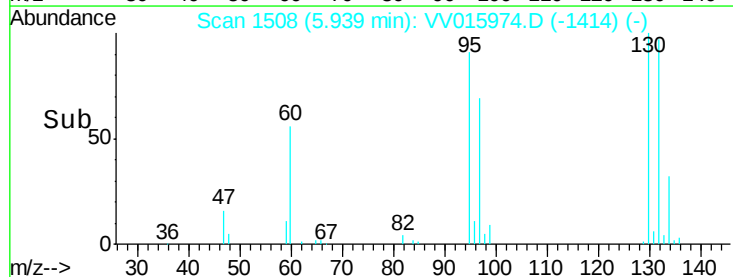
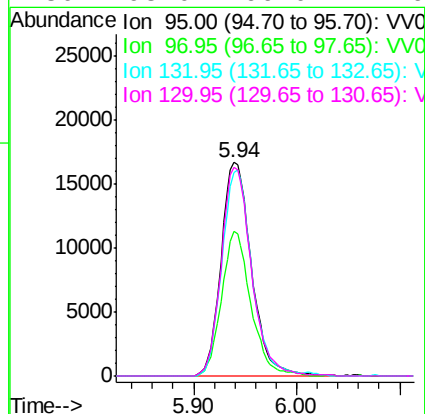
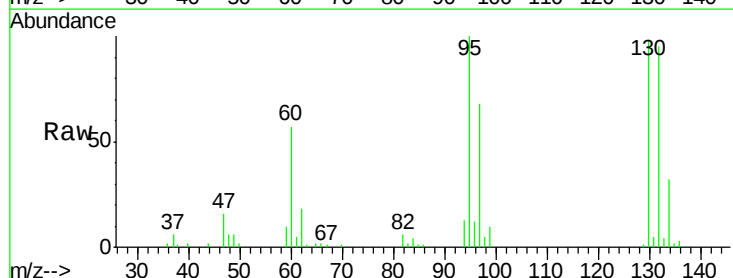
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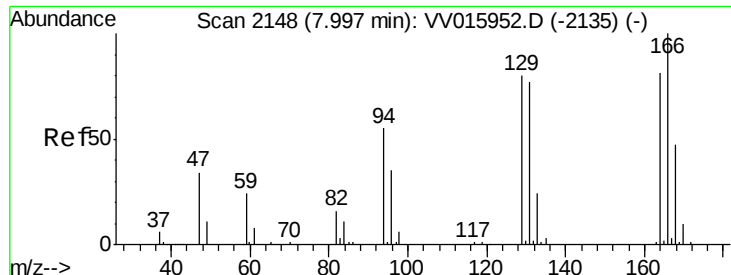
Tot Ion: 83 Resp: 5690
Ion Ratio Lower Upper
83 100
85 72.7 45.7 84.9



#34
Trichloroethene
Concen: 3.385 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015974.D
Acq: 08 May 2020 18:41

Tgt Ion: 95 Resp: 34229
Ion Ratio Lower Upper
95 100
97 67.8 43.3 80.5
132 95.4 60.3 112.1
130 98.0 66.0 122.6





#49

Tetrachloroethene

Concen: 3.168 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015974.D

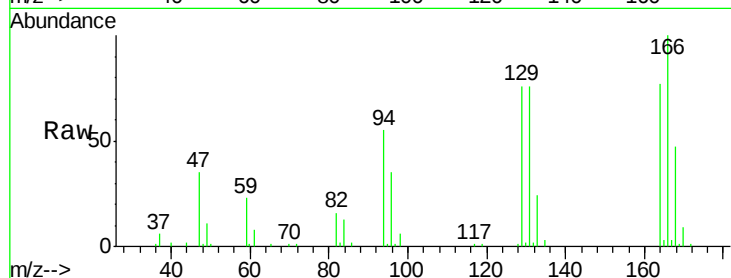
Acq: 08 May 2020 18:41

Instrument :

MSVOA_V

ClientSampleId :

H4221



Tot Ion:164 Resp: 22353

Ion Ratio Lower Upper

164 100

129 98.8 69.7 129.4

131 98.5 66.8 124.2

166 129.4 89.1 165.5

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

