

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\
 Data File : VU040888.D
 Acq On : 21 Oct 2020 21:23
 Operator : SY/MD
 Sample : L4428-13DL 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ47DL

Quant Time: Oct 22 02:24:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:42:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	216876	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	228454	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	95080	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	67688	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.92	69	63576	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.58	63	108764	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.65	46	343877	65.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.28%#
24) Chloroform-d	5.08	84	156818	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.72	65	99147	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.74	84	273178	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.70	67	100623	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.91	98	212296	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	8.19	79	38217	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.64	63	250451	61.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.44%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	95060	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	87784	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

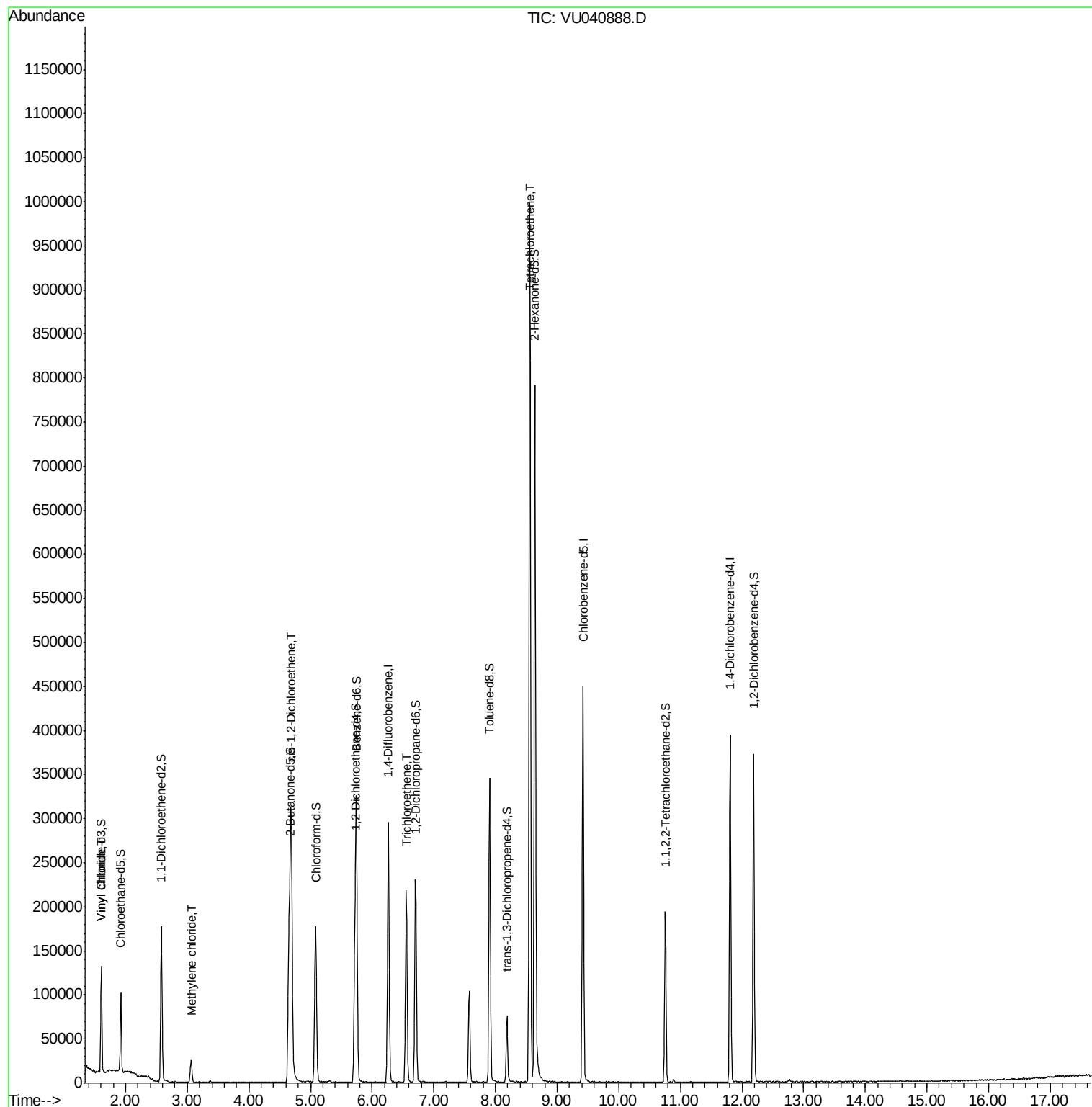
					Ovalue
5) Vinyl chloride	1.61	62	17489	0.787 ug/L	87
16) Methylene chloride	3.06	84	10643	0.545 ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	115947	6.410 ug/L	99
34) Trichloroethene	6.56	95	72268	3.867 ug/L	97
47) Tetrachloroethene	8.56	164	205042	14.740 ug/L	99

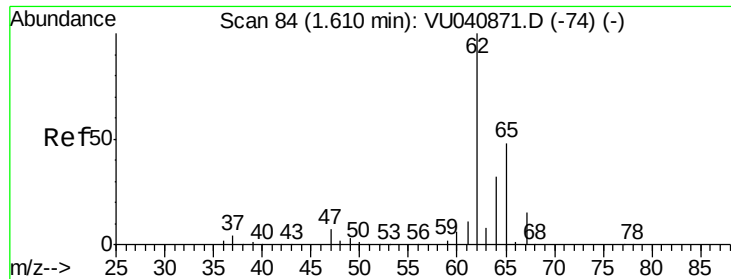
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.787 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040888.D

Acq: 21 Oct 2020 21:23

Instrument :

MSVOA_U

ClientSampleId :

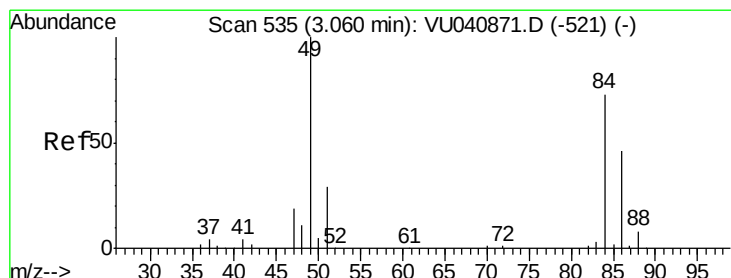
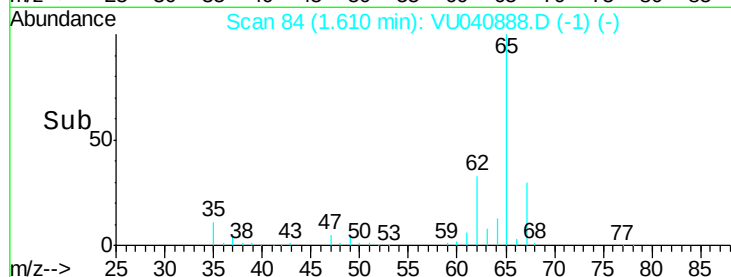
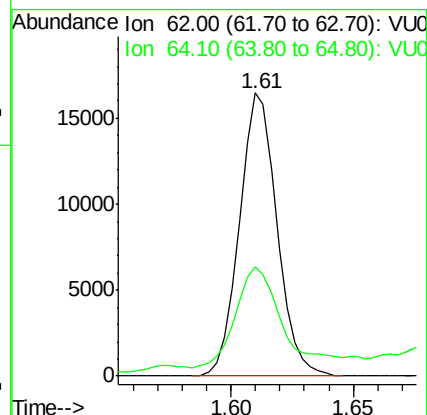
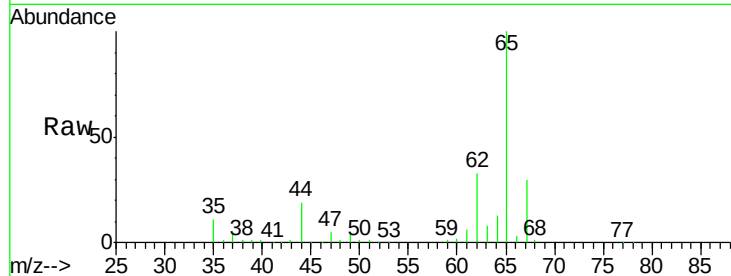
ETZ47DL

Tot Ion: 62 Resp: 17489

Ion Ratio Lower Upper

62 100

64 38.4 21.8 40.6



#16

Methylene chloride

Concen: 0.545 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040888.D

Acq: 21 Oct 2020 21:23

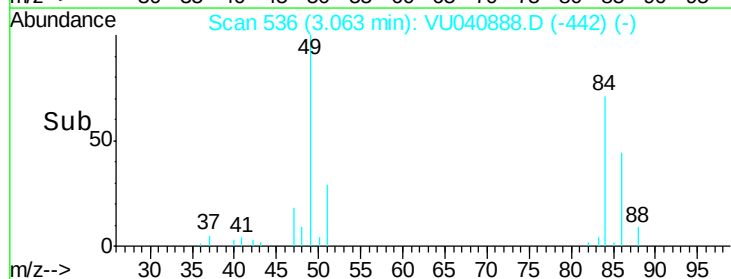
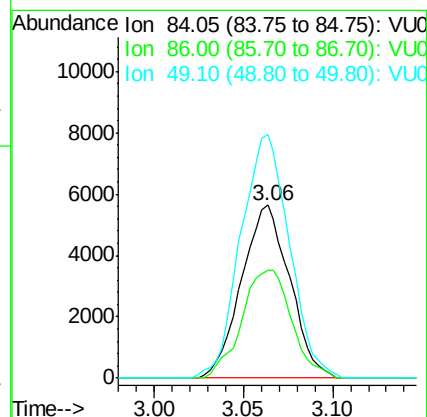
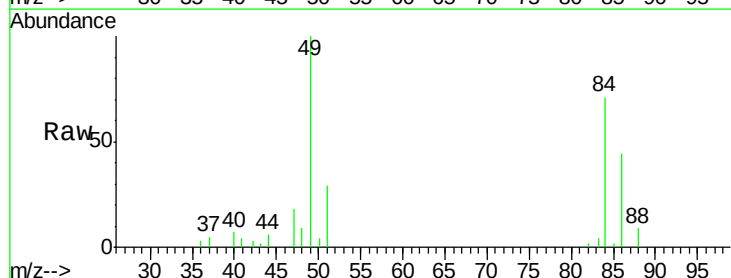
Tgt Ion: 84 Resp: 10643

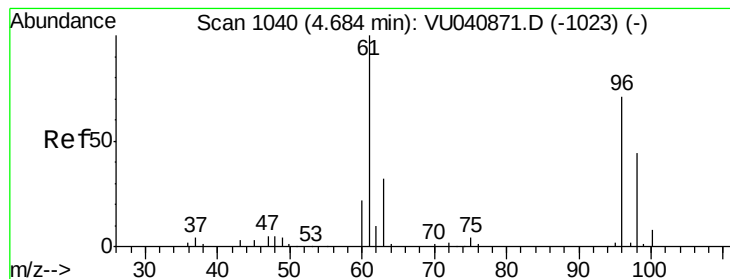
Ion Ratio Lower Upper

84 100

86 62.1 44.9 83.5

49 140.6 94.7 175.9





#22

cis-1,2-Dichloroethene

Concen: 6.410 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040888.D

Acq: 21 Oct 2020 21:23

Instrument :

MSVOA_U

ClientSampleId :

ETZ47DL

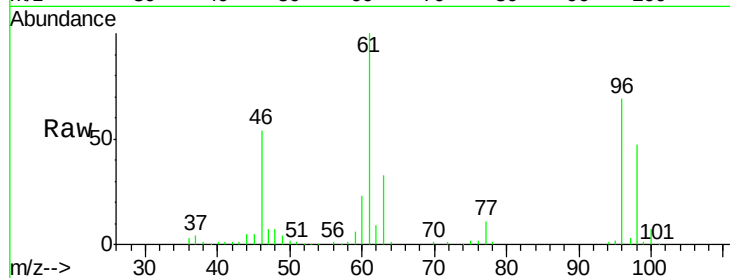
Tot Ion: 96 Resp: 115947

Ion Ratio Lower Upper

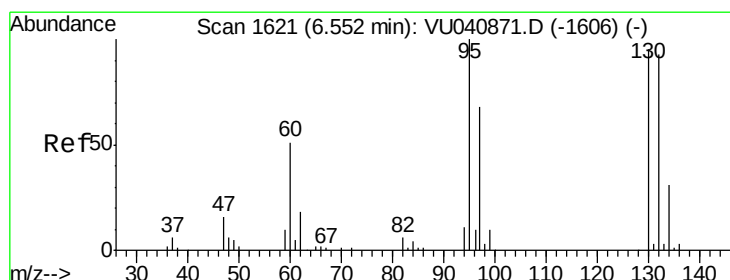
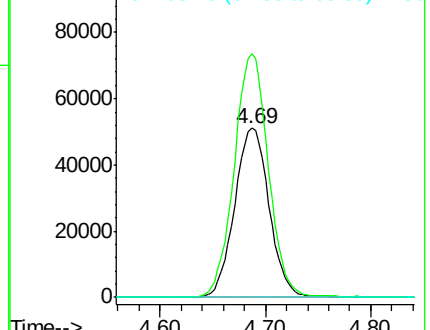
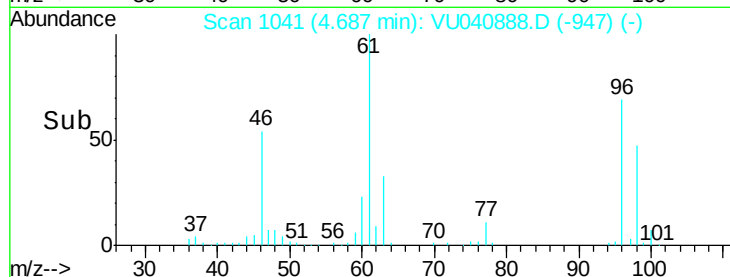
96 100

61 144.2 100.0 185.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040888.D (-1528) (-)



#34

Trichloroethene

Concen: 3.867 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040888.D

Acq: 21 Oct 2020 21:23

Tgt Ion: 95 Resp: 72268

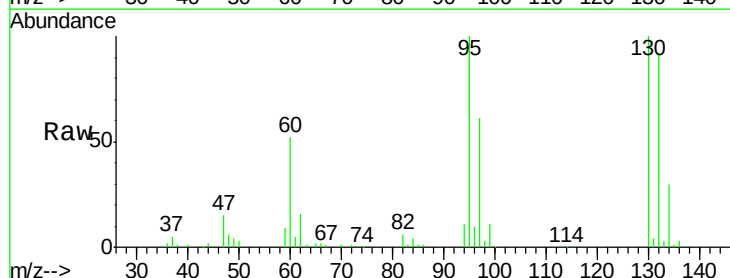
Ion Ratio Lower Upper

95 100

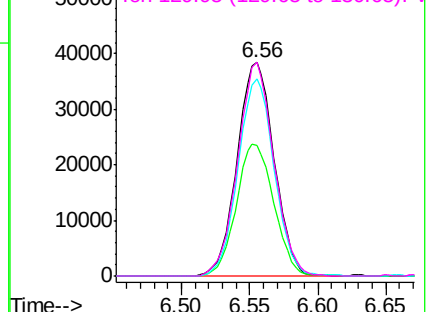
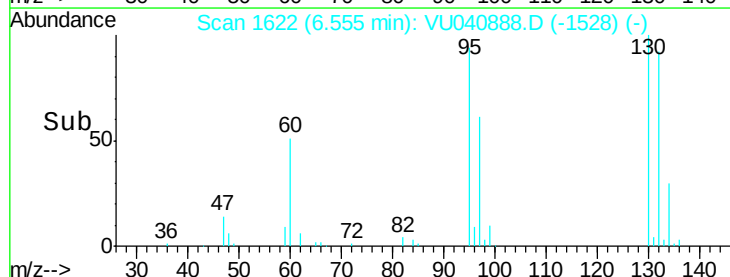
97 61.0 46.0 85.4

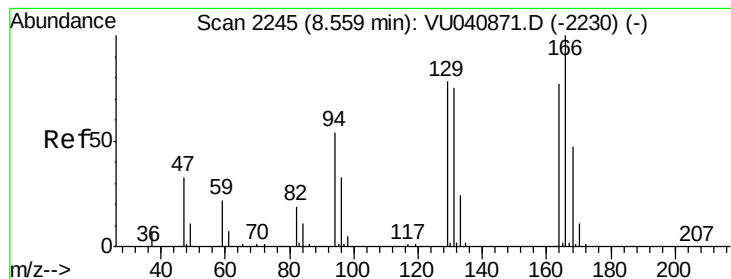
132 92.1 63.6 118.2

130 100.1 68.6 127.4



Abundance Ion 95.00 (94.70 to 95.70): VU040888.D (-1528) (-)





#47

Tetrachloroethene

Concen: 14.740 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU040888.D

Acq: 21 Oct 2020 21:23

Instrument :
MSVOA_U
ClientSampleId :
ETZ47DL

Tot Ion:164 Resp: 205042

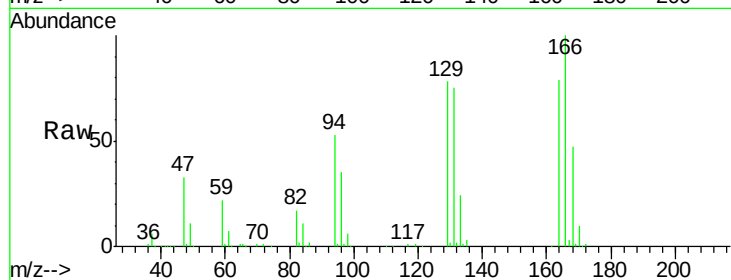
Ion Ratio Lower Upper

164 100

129 99.3 69.7 129.4

131 94.6 65.4 121.4

166 126.5 90.0 167.2



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

