

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017275.D
 Acq On : 17 Nov 2020 10:52
 Operator : SY/VA
 Sample : L4739-19
 Misc : 5.78G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB106

Quant Time: Nov 18 02:57:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 02:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	458173	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	343887	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	102192	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	105735	18.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.28%
7) Chloroethane-d5	2.89	69	99396	22.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.40%
10) 1,1-Dichloroethene-d2	4.03	63	165115	16.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.00%
20) 2-Butanone-d5	7.08	46	53898	41.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.52%
24) Chloroform-d	7.65	84	262457	24.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.16%
26) 1,2-Dichloroethane-d4	8.31	65	135063	25.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.60%
29) Benzene-d6	8.28	84	494296	28.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.92%
33) 1,2-Dichloropropane-d6	9.27	67	136719	28.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.92%
37) Toluene-d8	10.33	98	449978	27.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.00%
38) trans-1,3-Dichloropropene-	10.58	79	57208	26.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.80%
39) 2-Hexanone-d5	10.93	63	42398	50.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.32%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	91079	21.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	82587	22.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.76%

Target Compounds

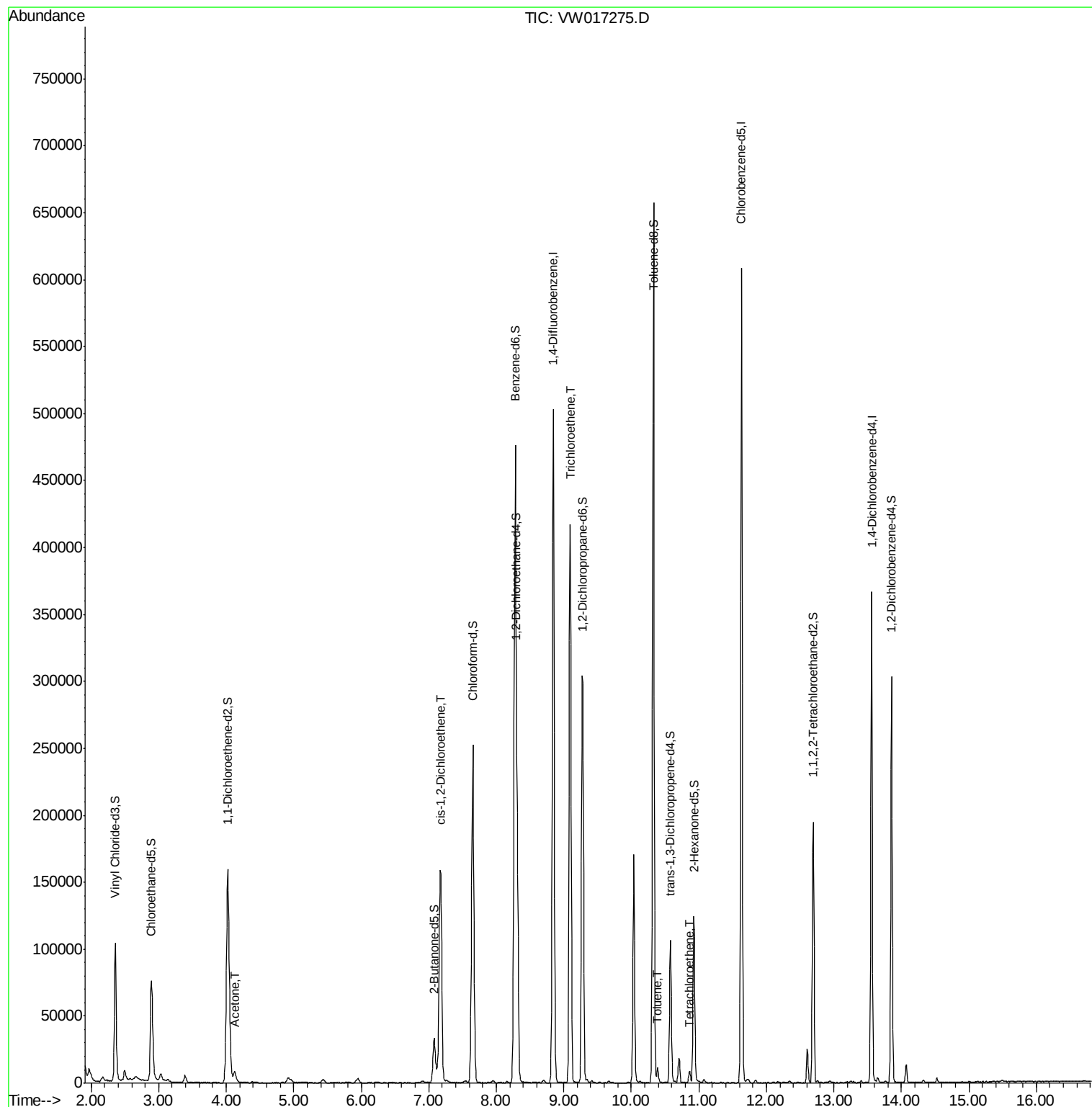
					Ovalue
13) Acetone	4.12	43	13003	15.048	ug/L 68
22) cis-1,2-Dichloroethene	7.18	96	101950	16.381	ug/L 97
35) Trichloroethene	9.09	95	140859	27.847	ug/L 99
44) Toluene	10.39	91	7989	0.402	ug/L 92
47) Tetrachloroethene	10.86	164	1989	0.436	ug/L 92

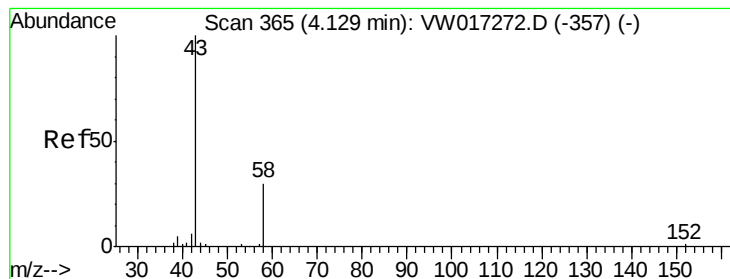
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.048 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017275.D

Acq: 17 Nov 2020 10:52

Instrument :

MSVOA_W

ClientSampled :

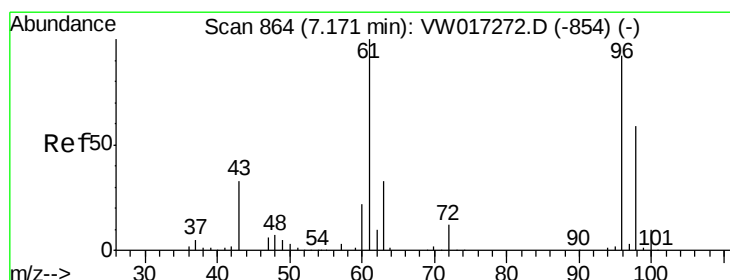
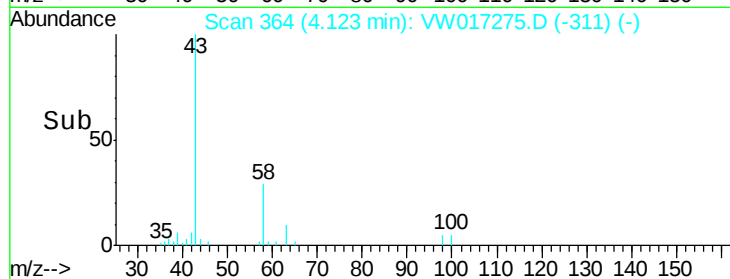
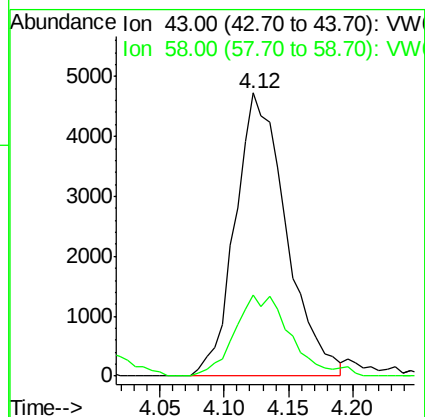
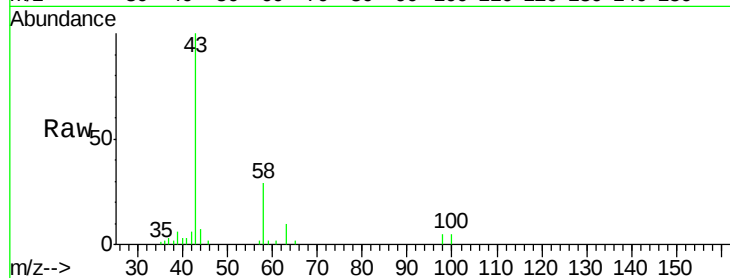
GB106

Tot Ion: 43 Resp: 13003

Ion Ratio Lower Upper

43 100

58 16.2 0.0 69.2



#22

cis-1,2-Dichloroethene

Concen: 16.381 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW017275.D

Acq: 17 Nov 2020 10:52

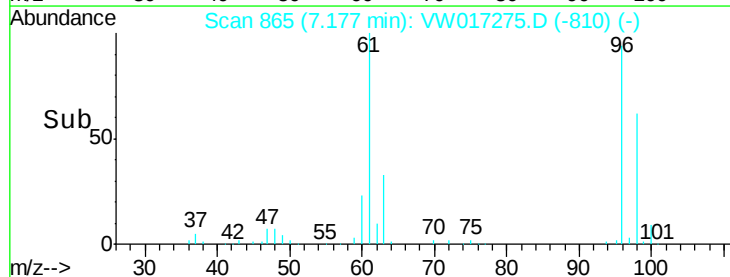
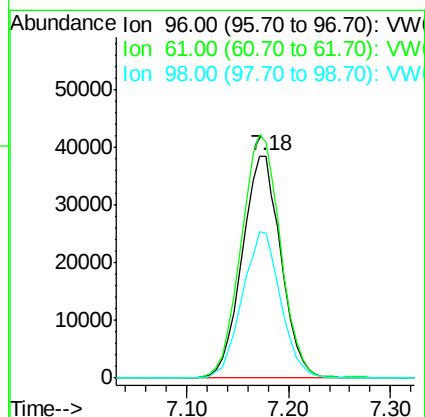
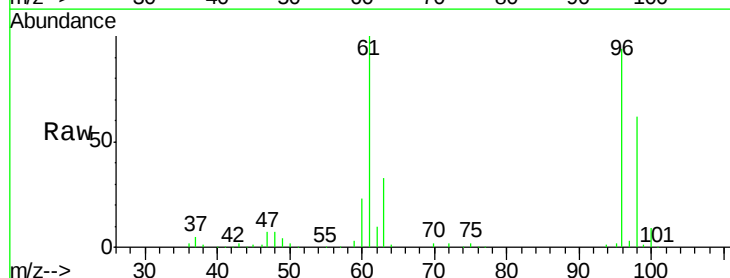
Tgt Ion: 96 Resp: 101950

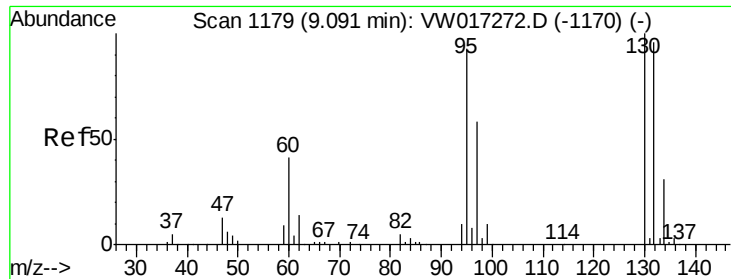
Ion Ratio Lower Upper

96 100

61 106.2 77.4 143.8

98 65.5 45.1 83.7

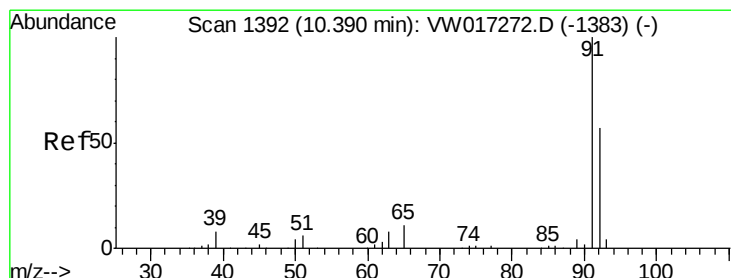
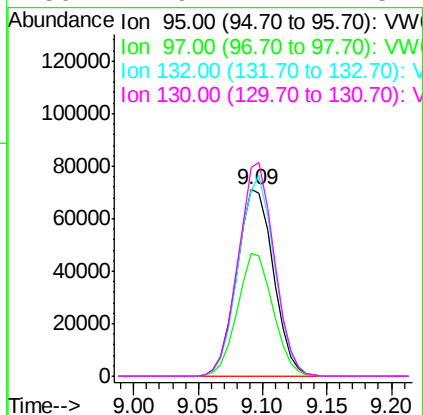
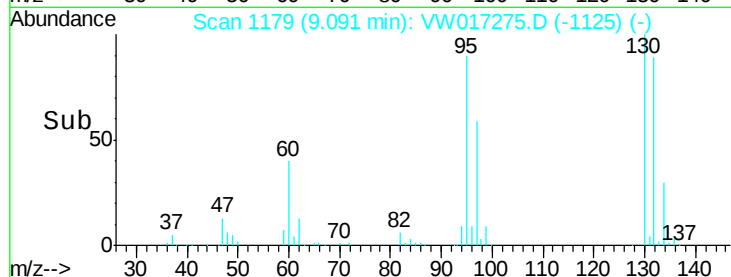
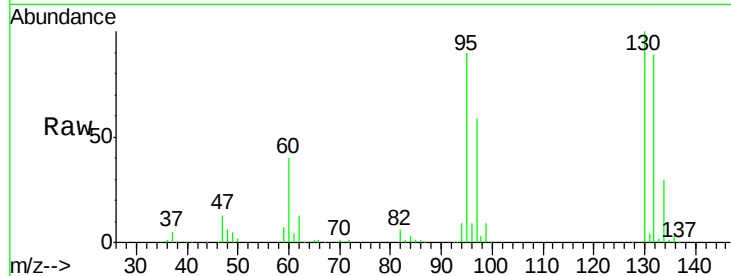




#35
 Trichloroethene
 Concen: 27.847 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW017275.D
 Acq: 17 Nov 2020 10:52

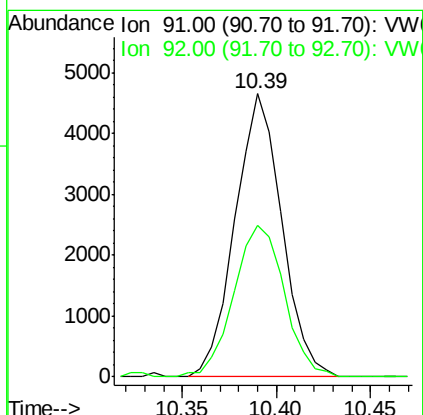
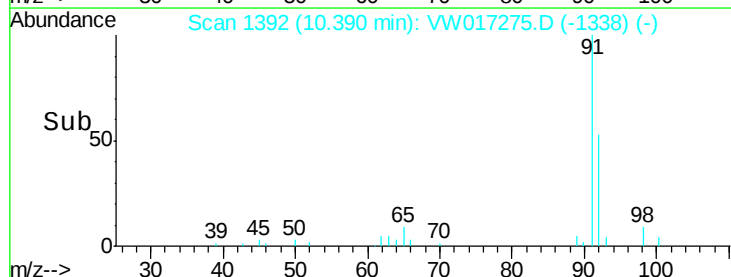
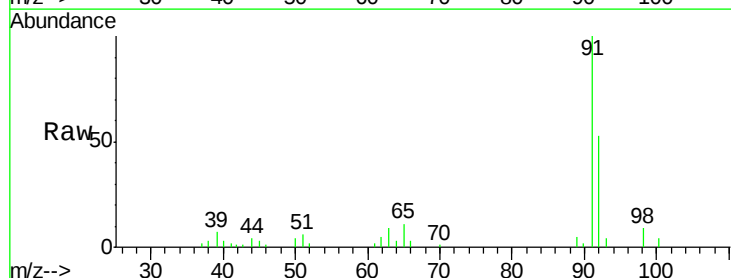
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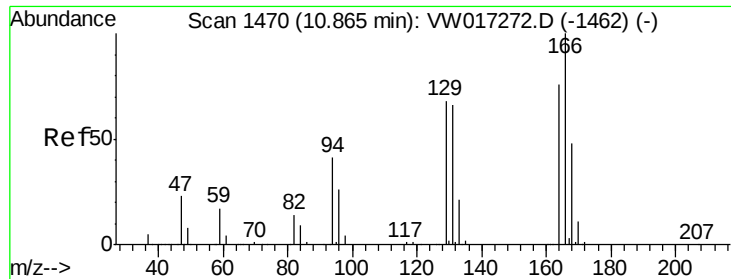
Tot Ion:	95	Resp:	140859
Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.0	83.6
132	105.0	73.7	136.9
130	111.9	77.1	143.1



#44
 Toluene
 Concen: 0.402 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW017275.D
 Acq: 17 Nov 2020 10:52

Tgt Ion:	91	Resp:	7989
Ion	Ratio	Lower	Upper
91	100		
92	53.4	41.4	76.8





#47

Tetrachloroethene

Concen: 0.436 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW017275.D

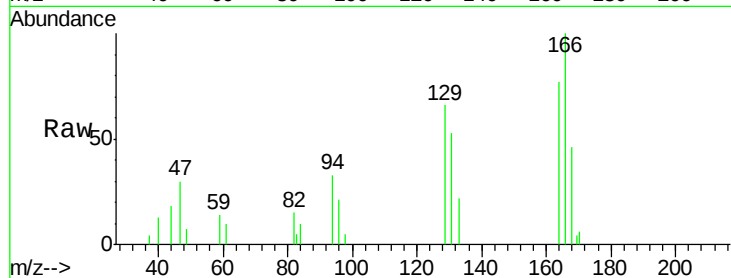
Acq: 17 Nov 2020 10:52

Instrument :

MSVOA_W

ClientSampleId :

GB106



Tot Ion:164 Resp: 1989

Ion Ratio Lower Upper

164 100

129 85.5 62.9 116.7

131 69.1 63.3 117.5

166 129.9 92.0 170.8

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

