

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009750.D
 Acq On : 06 Apr 2019 02:03
 Operator : SY/VA
 Sample : K2277-10
 Misc : 5.29G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF173

Quant Time: Apr 06 05:39:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 05:36:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	464150	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	443904	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	187020	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	141975	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.52%
7) Chloroethane-d5	2.89	69	132525	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.28%
10) 1,1-Dichloroethene-d2	4.23	63	131	0.01	ug/L	0.21
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.08	46	94141	47.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.48%
24) Chloroform-d	7.65	84	334068	26.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.52%
26) 1,2-Dichloroethane-d4	8.30	65	208428	26.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.24%
29) Benzene-d6	8.27	84	631340	27.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.36%
33) 1,2-Dichloropropane-d6	9.27	67	195476	27.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.64%
37) Toluene-d8	10.32	98	561776	26.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.28%
38) trans-1,3-Dichloropropene-	10.58	79	82328	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.92%
39) 2-Hexanone-d5	10.92	63	70723	52.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	161794	24.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	188107	28.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.64%

Target Compounds

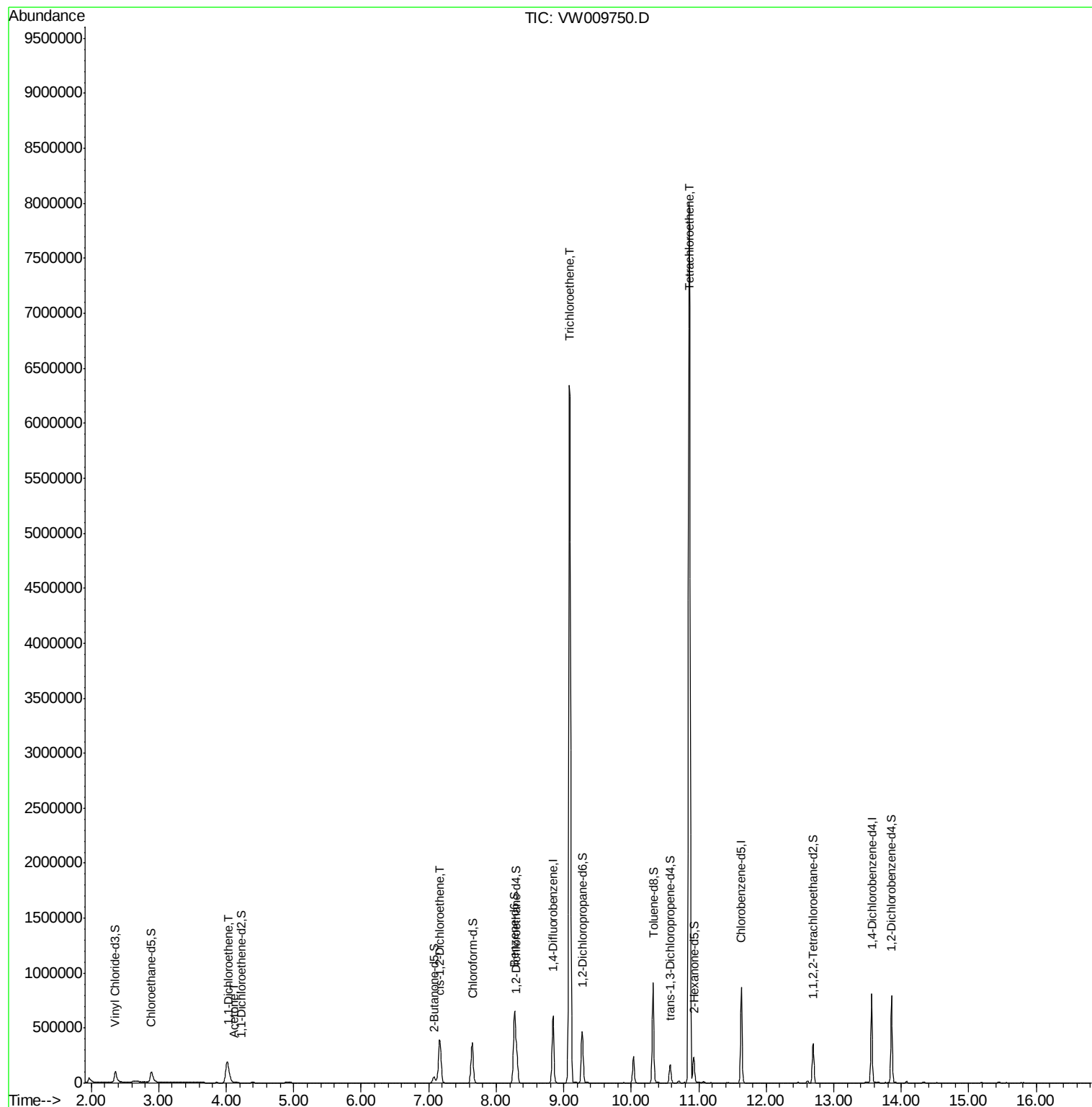
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	7276	1.180	ug/L #	1
13) Acetone	4.12	43	3582	1.695	ug/L	64
22) cis-1,2-Dichloroethene	7.17	96	214841	31.331	ug/L	98
35) Trichloroethene	9.09	95	2028009	290.152	ug/L	99
47) Tetrachloroethene	10.86	164	1600427	290.730	ug/L	98

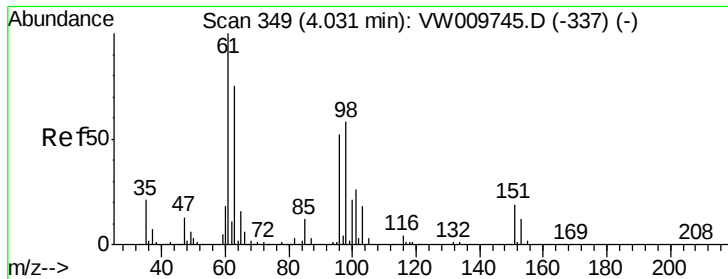
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.180 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

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Acq: 06 Apr 2019 02:03

Instrument :

MSVOA_W

ClientSampleId :

BF173

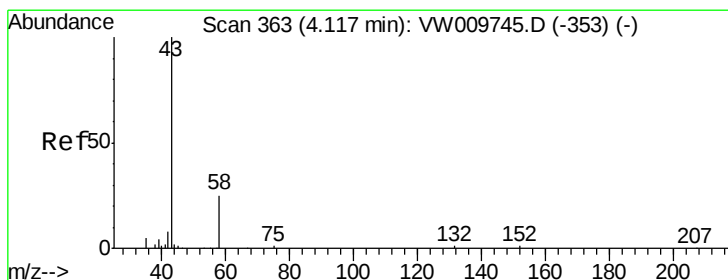
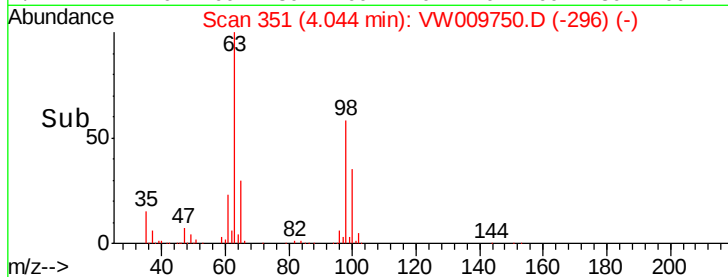
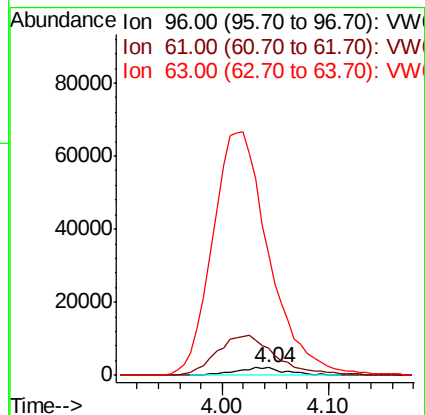
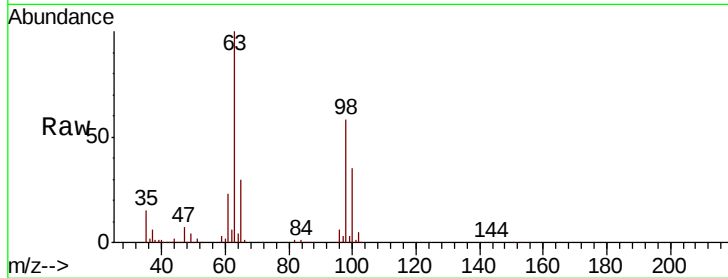
Tgt Ion: 96 Resp: 7276

Ion Ratio Lower Upper

96 100

61 355.0 138.8 257.8#

63 1577.3 114.6 212.8#



#13

Acetone

Concen: 1.695 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009750.D

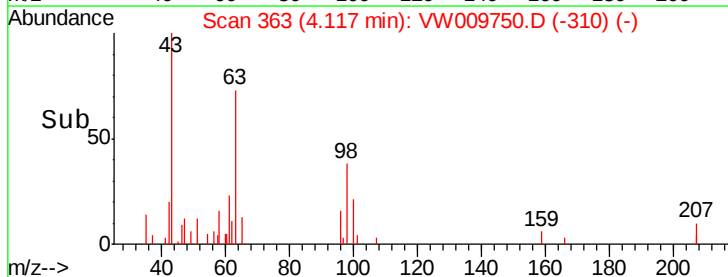
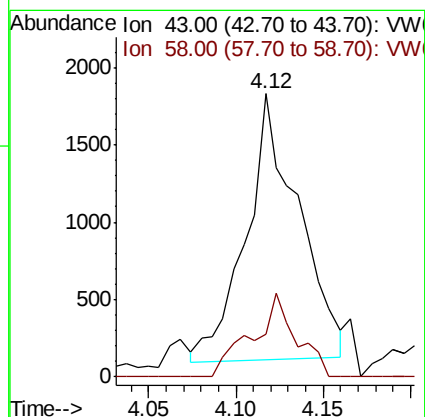
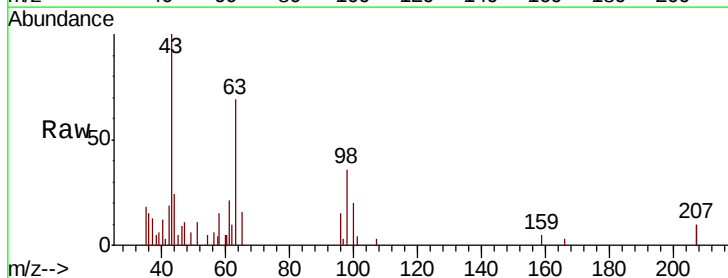
Acq: 06 Apr 2019 02:03

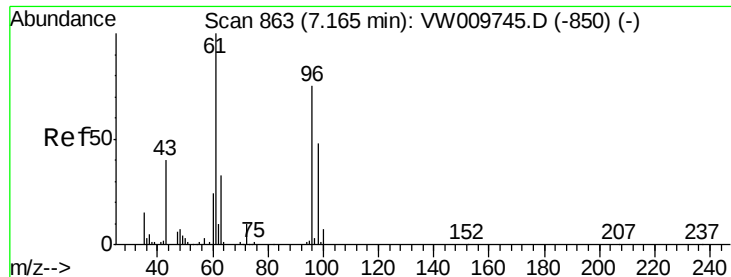
Tgt Ion: 43 Resp: 3582

Ion Ratio Lower Upper

43 100

58 8.1 0.0 53.0



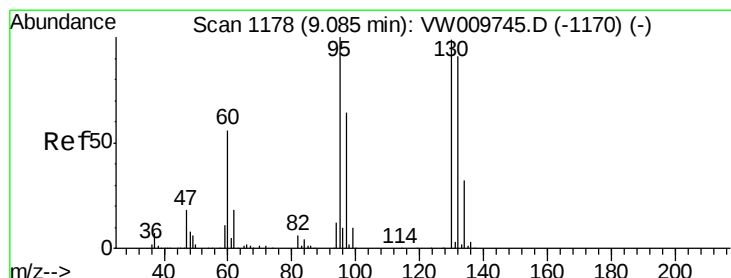
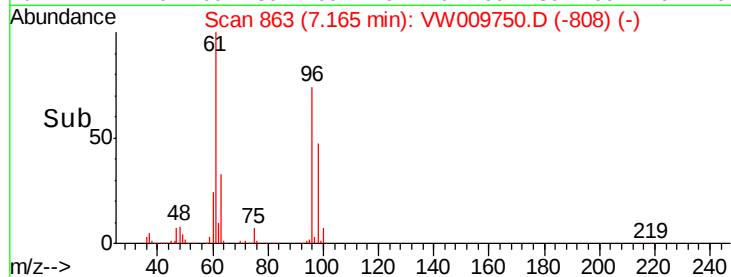
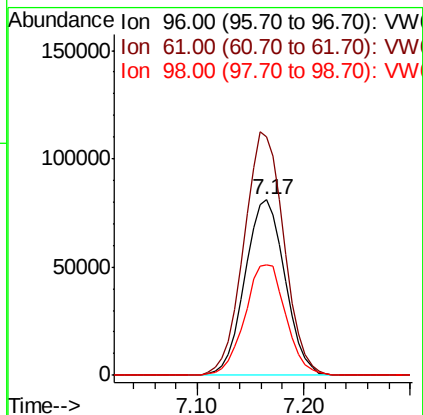
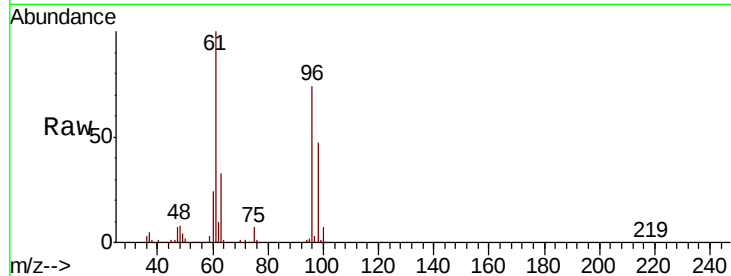


#22

cis-1,2-Dichloroethene
Concen: 31.331 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW009750.D
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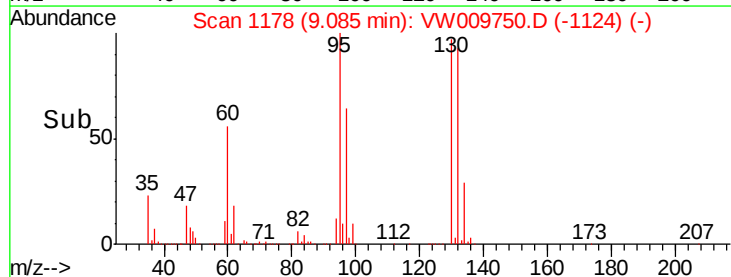
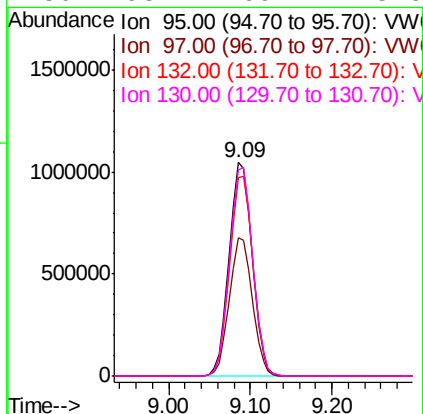
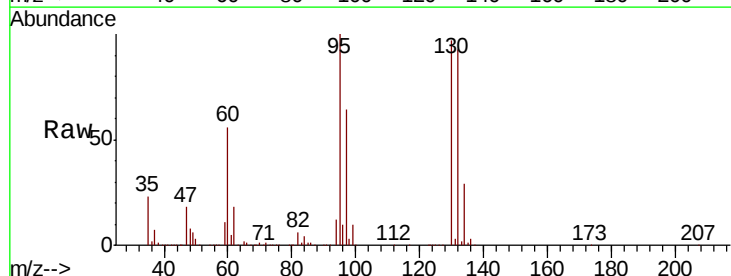
Tgt Ion: 96 Resp: 214841
Ion Ratio Lower Upper
96 100
61 135.7 96.8 179.8
98 63.1 43.5 80.9

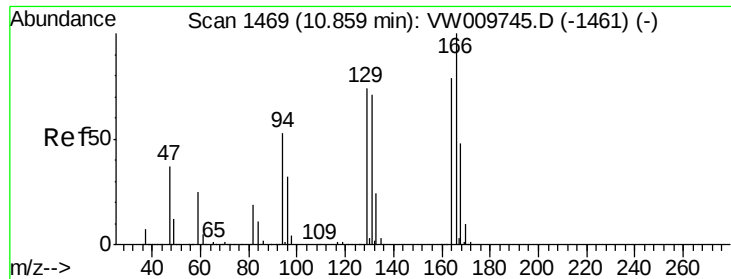


#35

Trichloroethene
Concen: 290.152 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VW009750.D
Acq: 06 Apr 2019 02:03

Tgt Ion: 95 Resp: 2028009
Ion Ratio Lower Upper
95 100
97 64.4 44.9 83.5
132 94.6 67.1 124.7
130 98.2 69.2 128.6





#47

Tetrachloroethene

Concen: 290.730 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009750.D

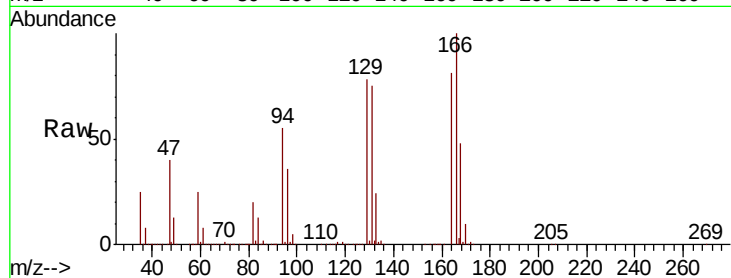
Acq: 06 Apr 2019 02:03

Instrument :

MSVOA_W

ClientSampleId :

BF173



Tgt Ion:164 Resp: 1600427

Ion Ratio Lower Upper

164 100

129 96.3 68.9 127.9

131 93.2 63.1 117.1

166 124.0 88.5 164.4

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

