

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083118\
 Data File : VU026499.D
 Acq On : 31 Aug 2018 15:00
 Operator : MD/SY
 Sample : J4691-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE06

Quant Time: Sep 04 09:59:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 01 01:02:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	151796	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	145141	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	62493	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42897	45.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.22%
7) Chloroethane-d5	1.68	69	40128	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.48%
11) 1,1-Dichloroethene-d2	2.27	63	62158	29.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.70%#
21) 2-Butanone-d5	4.18	46	72769	99.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.69%
24) Chloroform-d	4.65	84	85427	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.18%
26) 1,2-Dichloroethane-d4	5.31	65	59415	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.48%
32) Benzene-d6	5.34	84	173912	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.98%
36) 1,2-Dichloropropane-d6	6.33	67	58923	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.54%
41) Toluene-d8	7.57	98	156692	48.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.04%
43) trans-1,3-Dichloropropene-	7.85	79	23577	44.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.86%
47) 2-Hexanone-d5	8.31	63	54166	102.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	81492	48.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	63525	56.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.06%

Target Compounds

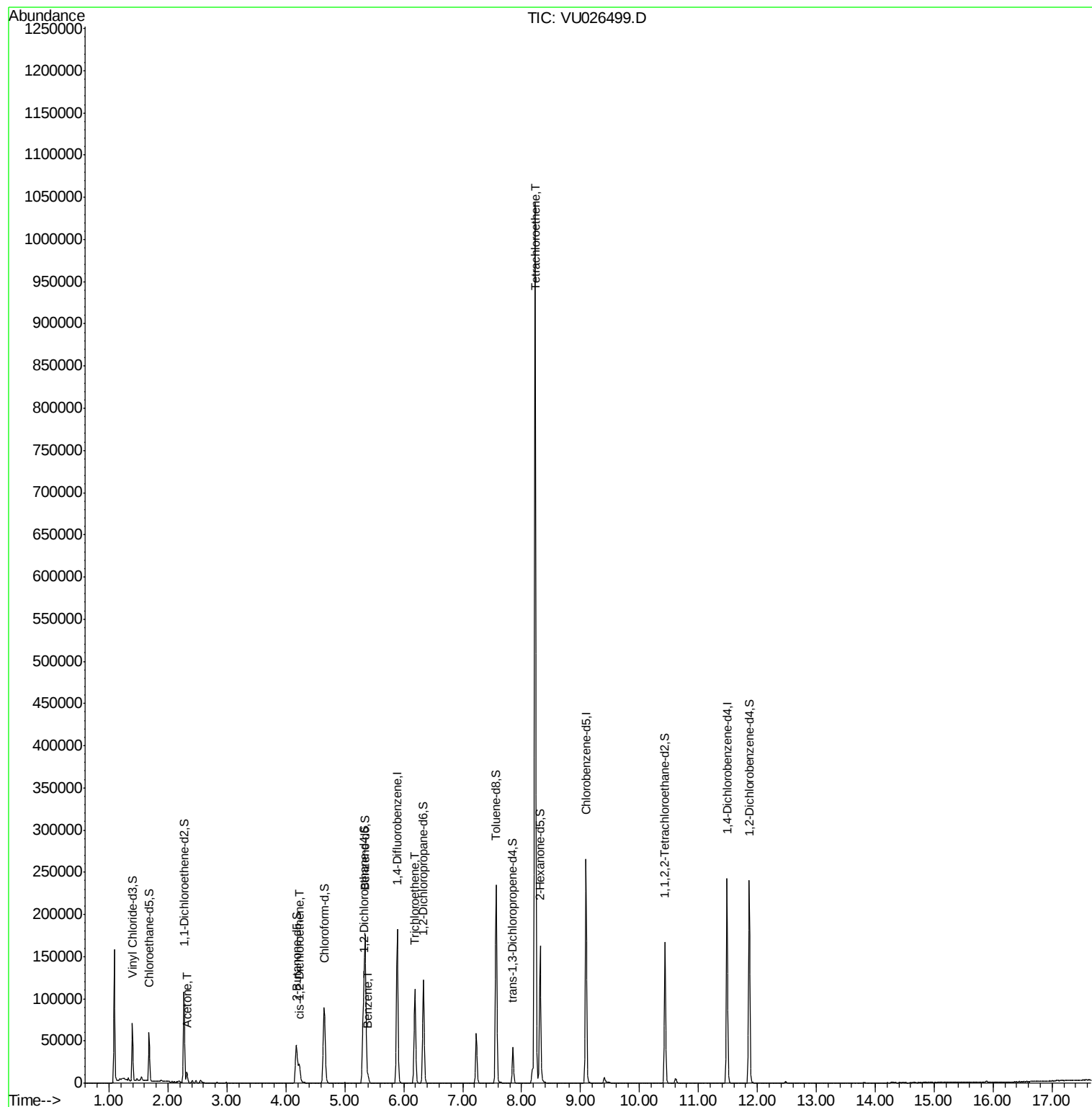
					Ovalue
13) Acetone	2.32	43	13116	20.75	ug/L 99
20) cis-1,2-Dichloroethene	4.23	96	10798	9.84	ug/L 96
33) Benzene	5.39	78	7894	1.90	ug/L 100
34) Trichloroethene	6.19	95	38573	36.96	ug/L 99
46) Tetrachloroethene	8.23	164	230403	270.01	ug/L 97

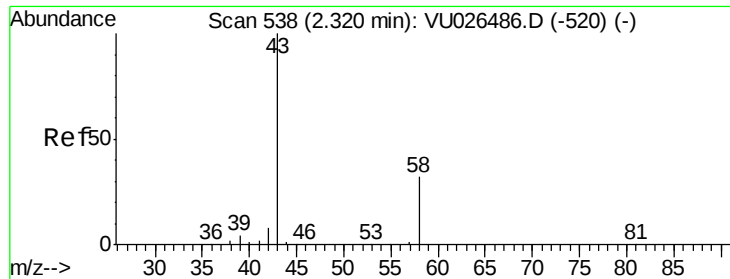
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 20.75 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026499.D

Acq: 31 Aug 2018 15:00

Instrument :

MSVOA_U

ClientSampled :

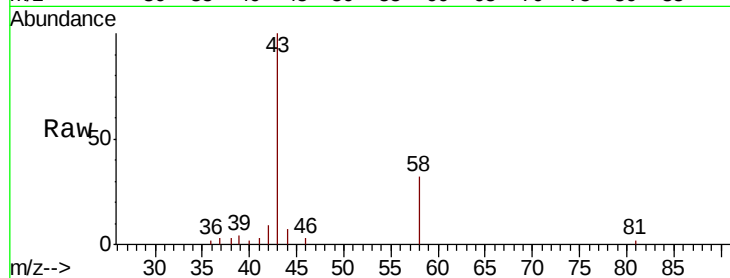
BEE06

Tot Ion: 43 Resp: 13116

Ion Ratio Lower Upper

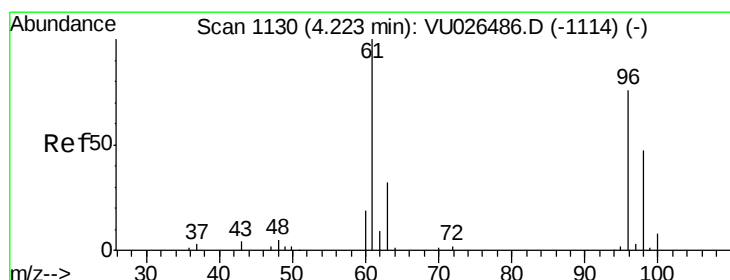
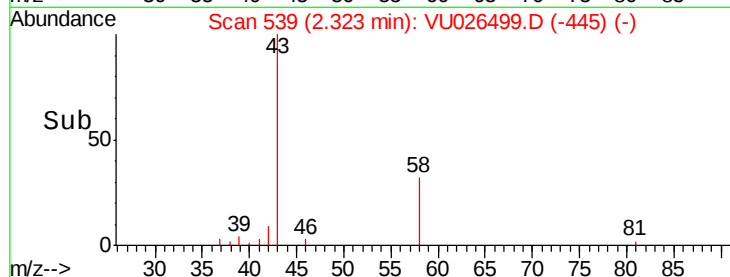
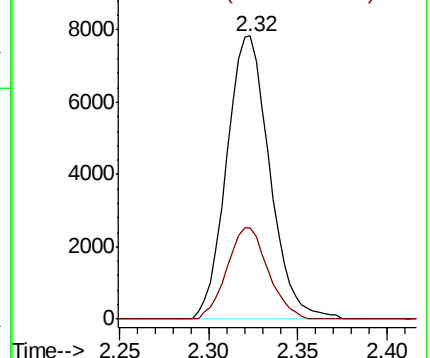
43 100

58 30.9 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 9.84 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026499.D

Acq: 31 Aug 2018 15:00

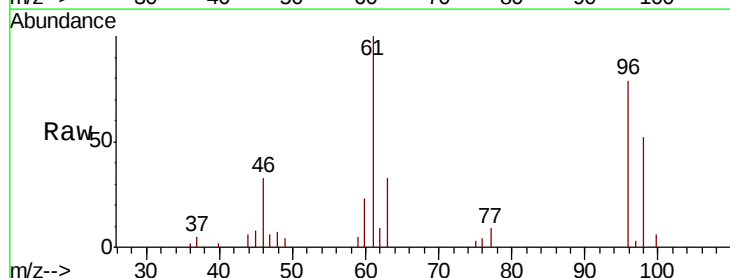
Tgt Ion: 96 Resp: 10798

Ion Ratio Lower Upper

96 100

61 126.8 91.6 170.2

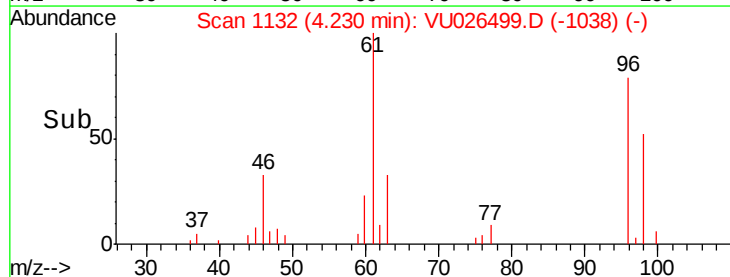
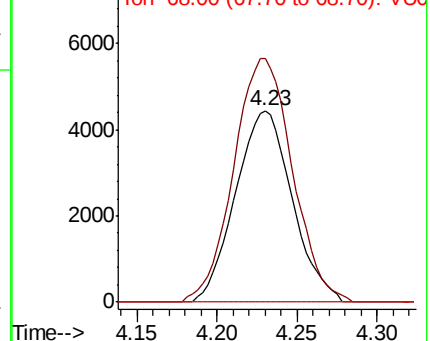
68 0.0 0.0 0.0

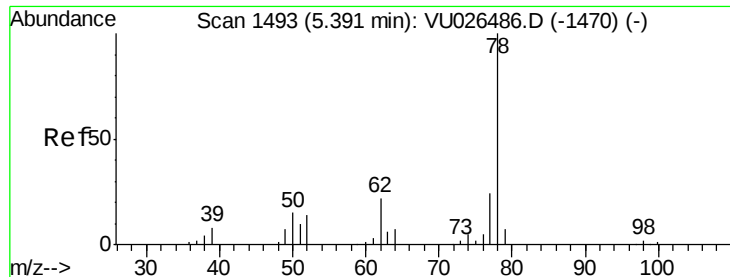


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#33

Benzene

Concen: 1.90 ug/L

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU026499.D

Acq: 31 Aug 2018 15:00

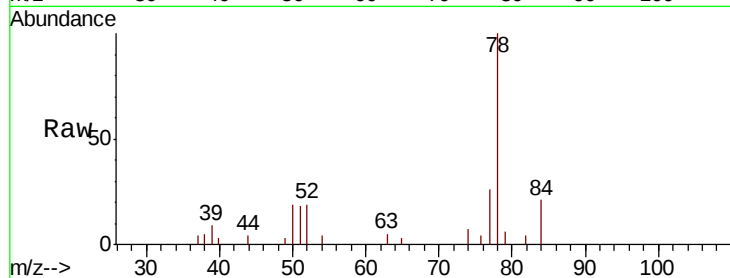
Instrument :

MSVOA_U

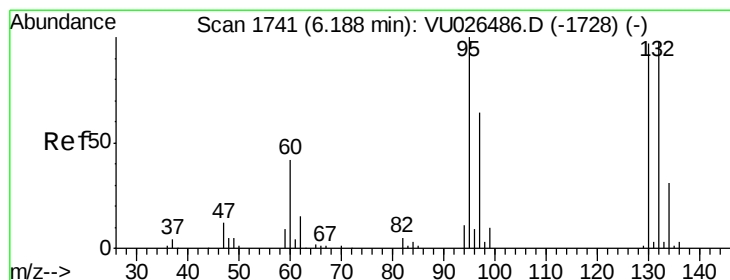
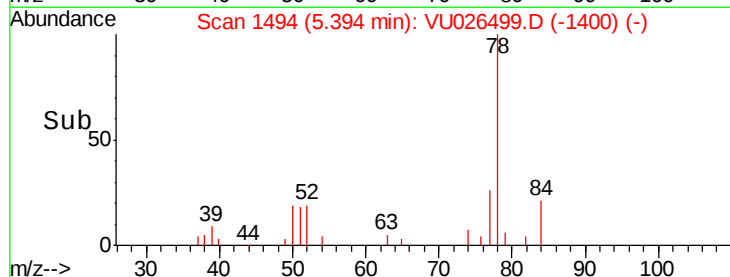
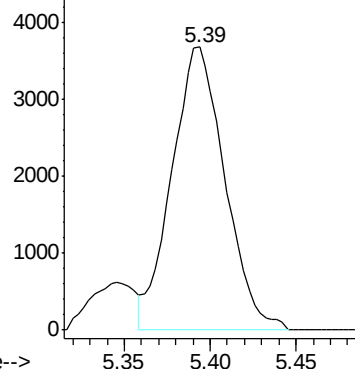
ClientSampleId :

BEE06

Tgt Ion: 78 Resp: 7894



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 36.96 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026499.D

Acq: 31 Aug 2018 15:00

Tgt Ion: 95 Resp: 38573

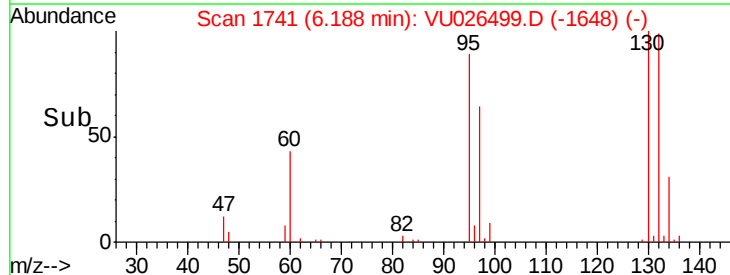
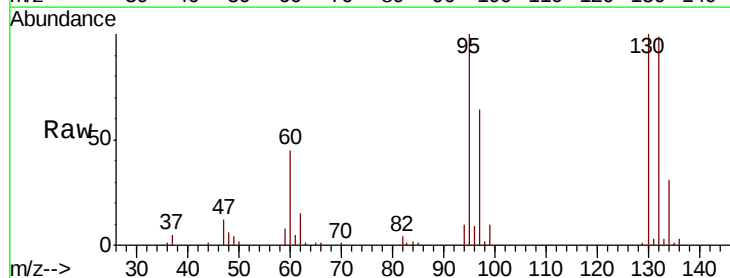
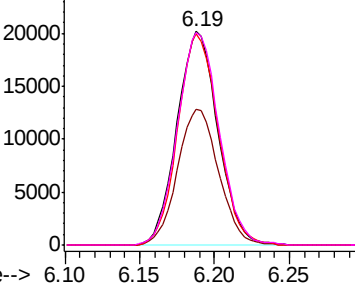
Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.1	83.7
132	98.8	67.5	125.3
130	99.6	69.3	128.7

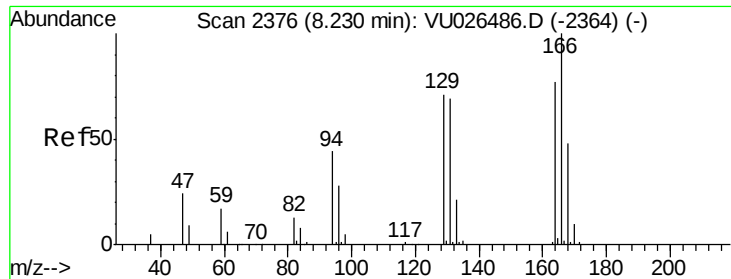
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

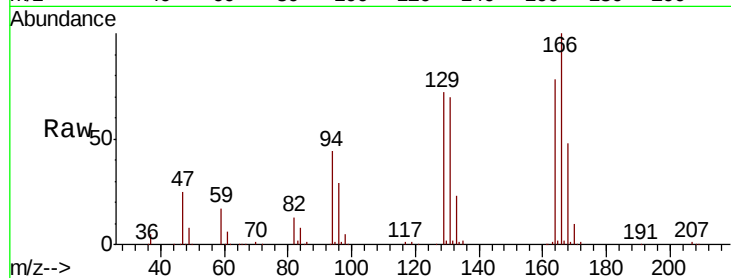




#46
Tetrachloroethene
Concen: 270.01 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU026499.D
Acq: 31 Aug 2018 15:00

Instrument :
MSVOA_U
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BEE06

Tot Ion:	164	Resp:	230403
Ion	Ratio	Lower	Upper
164	100		
129	92.3	67.3	125.1
131	90.3	65.3	121.3
166	128.4	90.9	168.7



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

