

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083118\
 Data File : VU026500.D
 Acq On : 31 Aug 2018 15:26
 Operator : MD/SY
 Sample : J4691-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE07

Quant Time: Sep 04 10:00:24 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	153825	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	145063	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63825	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41794	43.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.70%
7) Chloroethane-d5	1.68	69	40132	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.24%
11) 1,1-Dichloroethene-d2	2.27	63	61127	28.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.96%#
21) 2-Butanone-d5	4.18	46	72803	98.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.42%
24) Chloroform-d	4.65	84	84961	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.31	65	58254	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.22%
32) Benzene-d6	5.34	84	171667	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.68%
36) 1,2-Dichloropropane-d6	6.33	67	58814	51.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.42%
41) Toluene-d8	7.57	98	156493	48.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.98%
43) trans-1,3-Dichloropropene-	7.85	79	23237	44.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.60%
47) 2-Hexanone-d5	8.31	63	54653	103.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.75%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	80076	47.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	64152	55.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

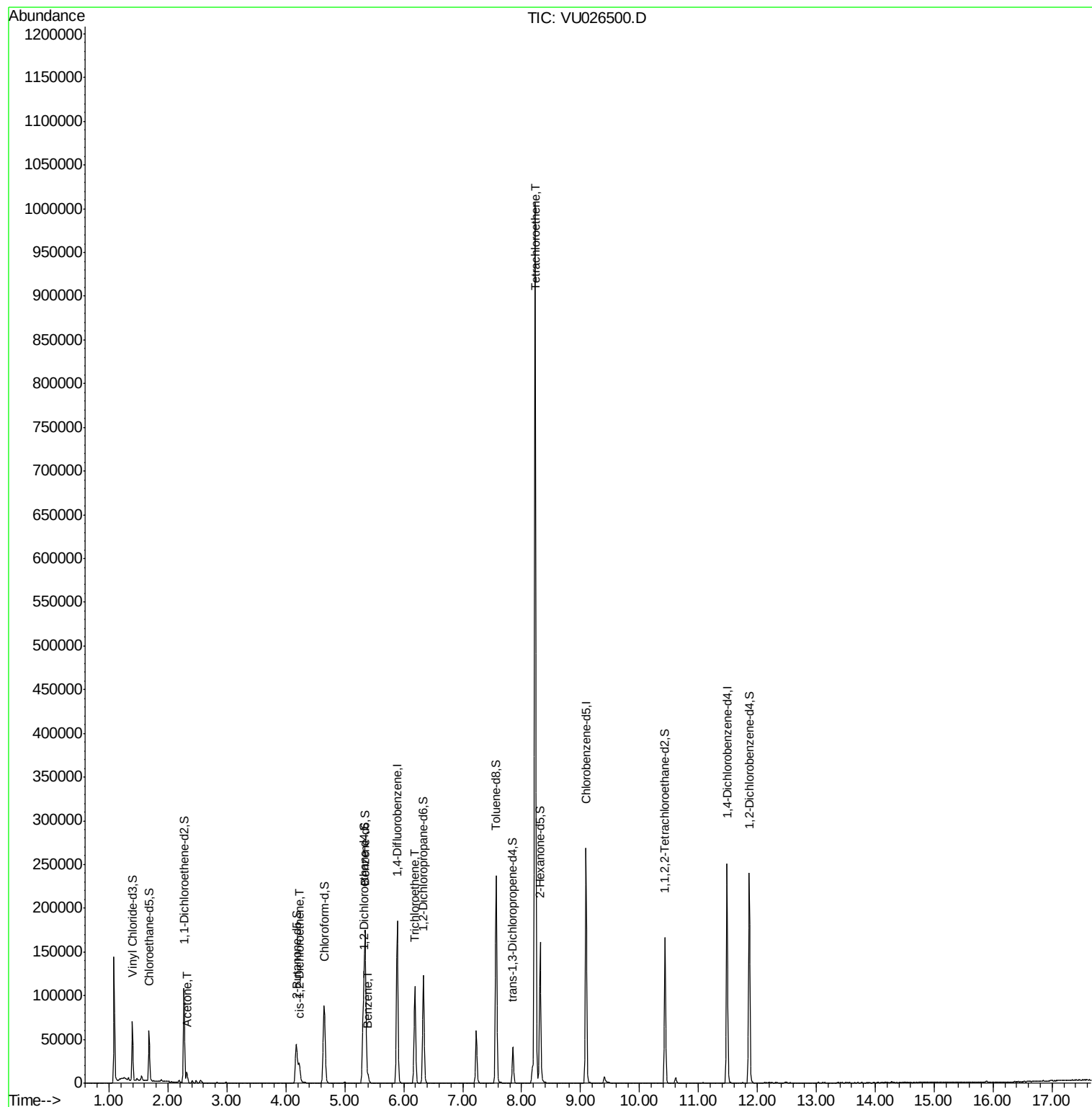
						Ovalue
13) Acetone	2.32	43	12811	20.00	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	10800	9.71	ug/L	90
33) Benzene	5.39	78	8182	1.97	ug/L	100
34) Trichloroethene	6.19	95	38449	36.86	ug/L	97
46) Tetrachloroethene	8.23	164	222172	260.50	ug/L	97

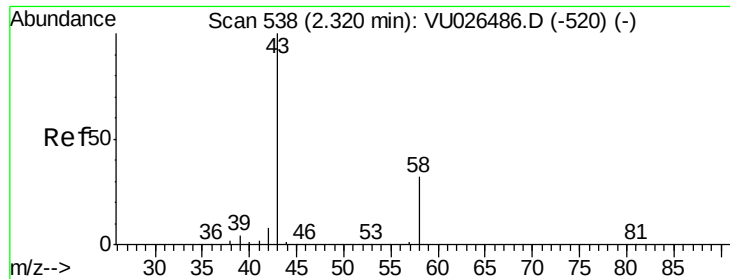
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 20.00 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026500.D

Acq: 31 Aug 2018 15:26

Instrument :

MSVOA_U

ClientSampleId :

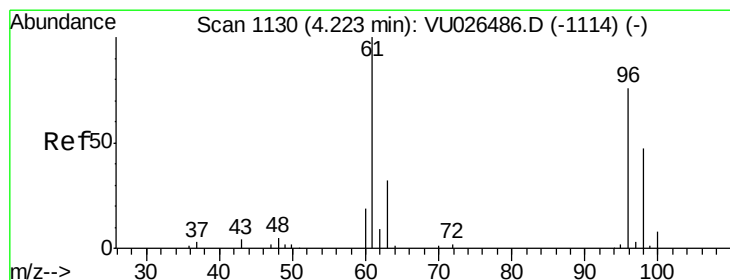
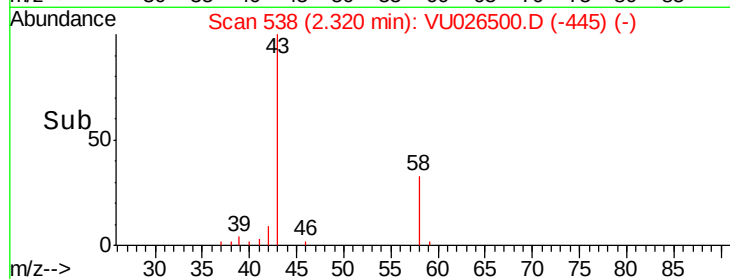
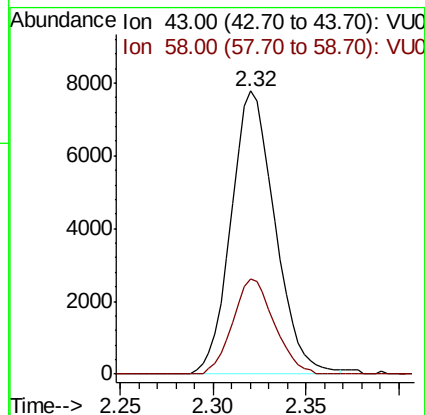
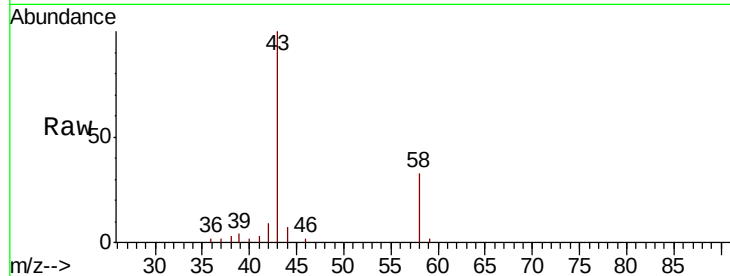
BEE07

Tot Ion: 43 Resp: 12811

Ion Ratio Lower Upper

43 100

58 31.7 0.0 61.2



#20

cis-1,2-Dichloroethene

Concen: 9.71 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026500.D

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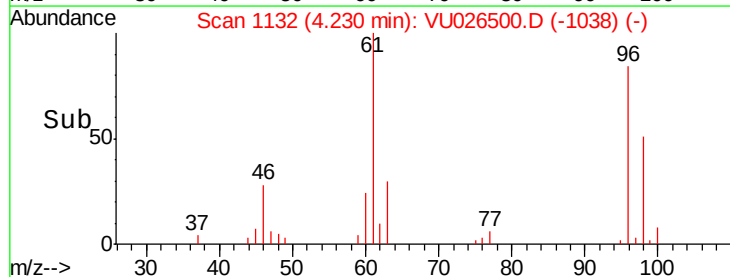
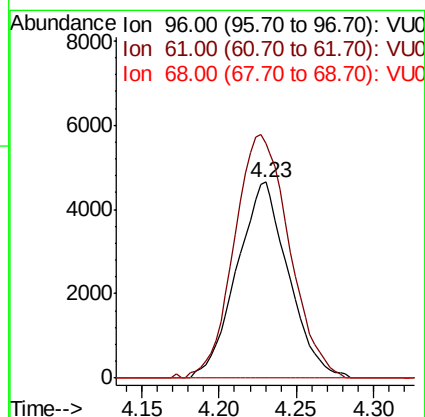
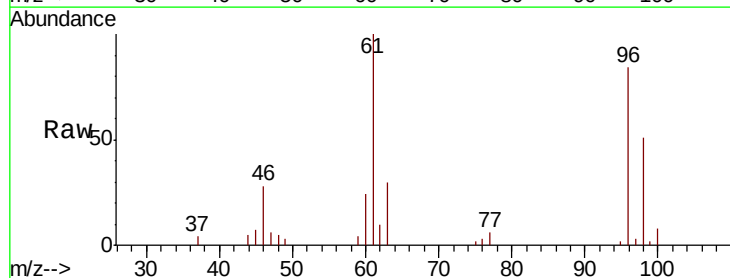
Tgt Ion: 96 Resp: 10800

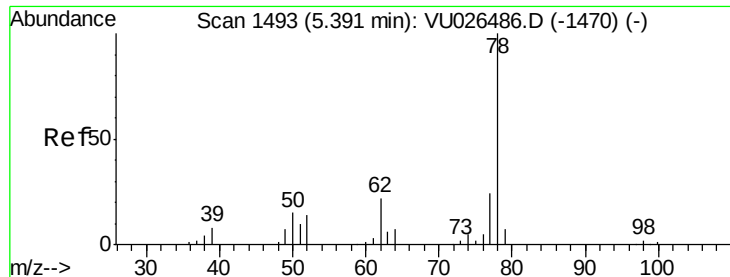
Ion Ratio Lower Upper

96 100

61 119.6 91.6 170.2

68 0.0 0.0 0.0

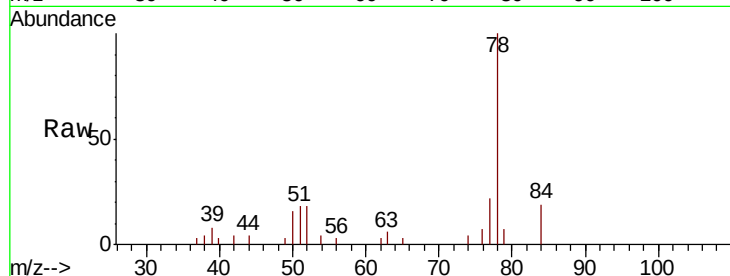




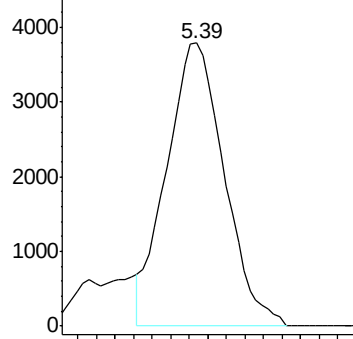
#33
Benzene
Concen: 1.97 ug/L
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU026500.D
Acq: 31 Aug 2018 15:26

Instrument :
MSVOA_U
ClientSampled :
BEE07

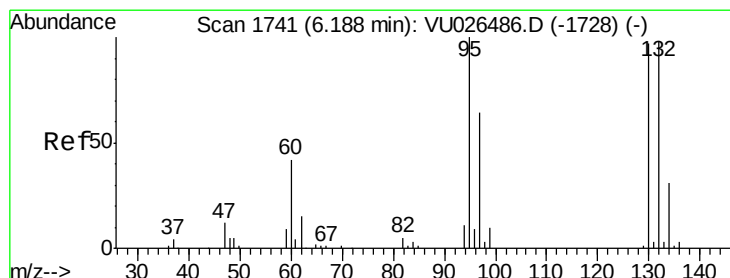
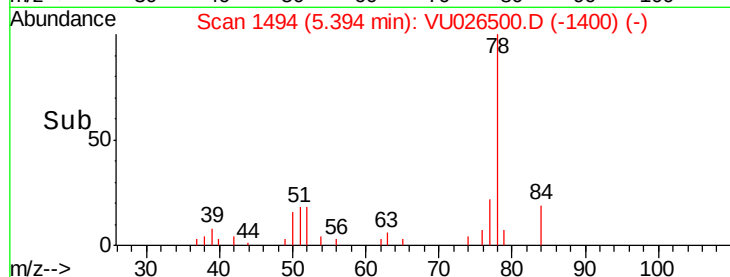
Tgt Ion: 78 Resp: 8182



Abundance Ion 78.00 (77.70 to 78.70): VU0

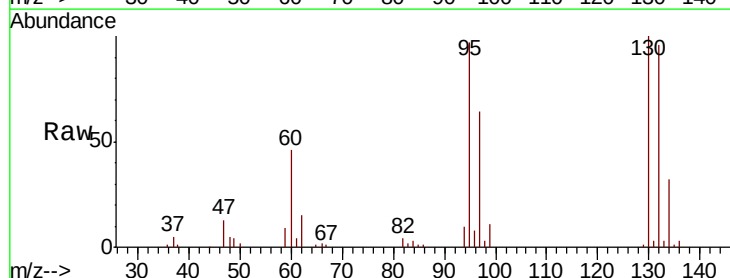


Time-->



#34
Trichloroethene
Concen: 36.86 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VU026500.D
Acq: 31 Aug 2018 15:26

Tgt Ion: 95 Resp: 38449
Ion Ratio Lower Upper
95 100
97 65.7 45.1 83.7
132 98.3 67.5 125.3
130 102.6 69.3 128.7

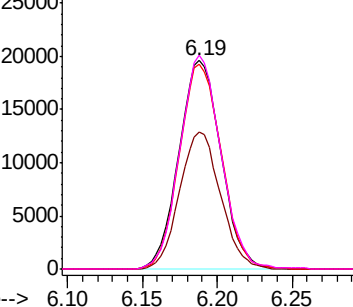


Abundance Ion 95.00 (94.70 to 95.70): VU0

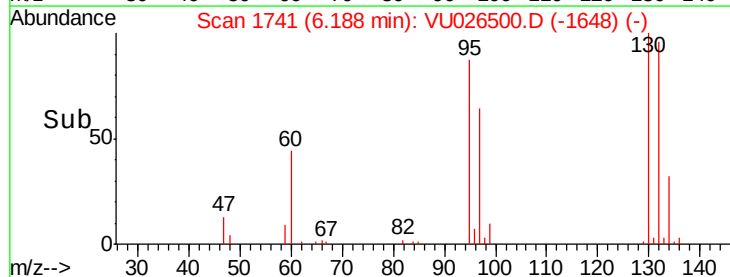
Ion 97.00 (96.70 to 97.70): VU0

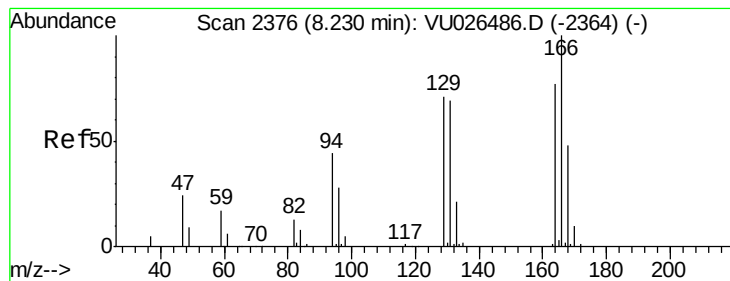
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->





#46

Tetrachloroethene

Concen: 260.50 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026500.D

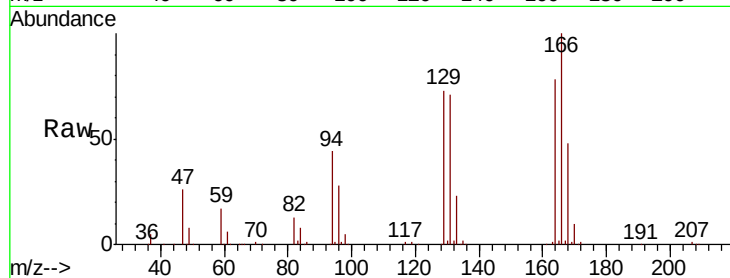
Acq: 31 Aug 2018 15:26

Instrument :

MSVOA_U

ClientSampleId :

BEE07



Tot Ion:164 Resp: 222172

Ion Ratio Lower Upper

164 100

129 92.9 67.3 125.1

131 90.5 65.3 121.3

166 127.9 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

