

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010132.D
 Acq On : 25 Apr 2019 08:05
 Operator : SY/VA
 Sample : K2497-05
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 25 09:11:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 09:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	146660	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	184581	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	77756	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	8030	5.73	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	22.92%#
7) Chloroethane-d5	2.89	69	15647	13.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.04%
10) 1,1-Dichloroethene-d2	4.00	63	24435	5.94	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	23.76%#
20) 2-Butanone-d5	7.09	46	52219	78.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.76%#
24) Chloroform-d	7.65	84	114484	29.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.28%
26) 1,2-Dichloroethane-d4	8.31	65	89442	39.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	156.68%#
29) Benzene-d6	8.27	84	186741	17.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.44%
33) 1,2-Dichloropropane-d6	9.27	67	87402	26.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.28%
37) Toluene-d8	10.32	98	150853	15.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.56%
38) trans-1,3-Dichloropropene-	10.58	79	31459	20.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.80%
39) 2-Hexanone-d5	10.93	63	33779	49.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84385	31.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.76%#
61) 1,2-Dichlorobenzene-d4	13.86	152	76768	26.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.64%

Target Compounds

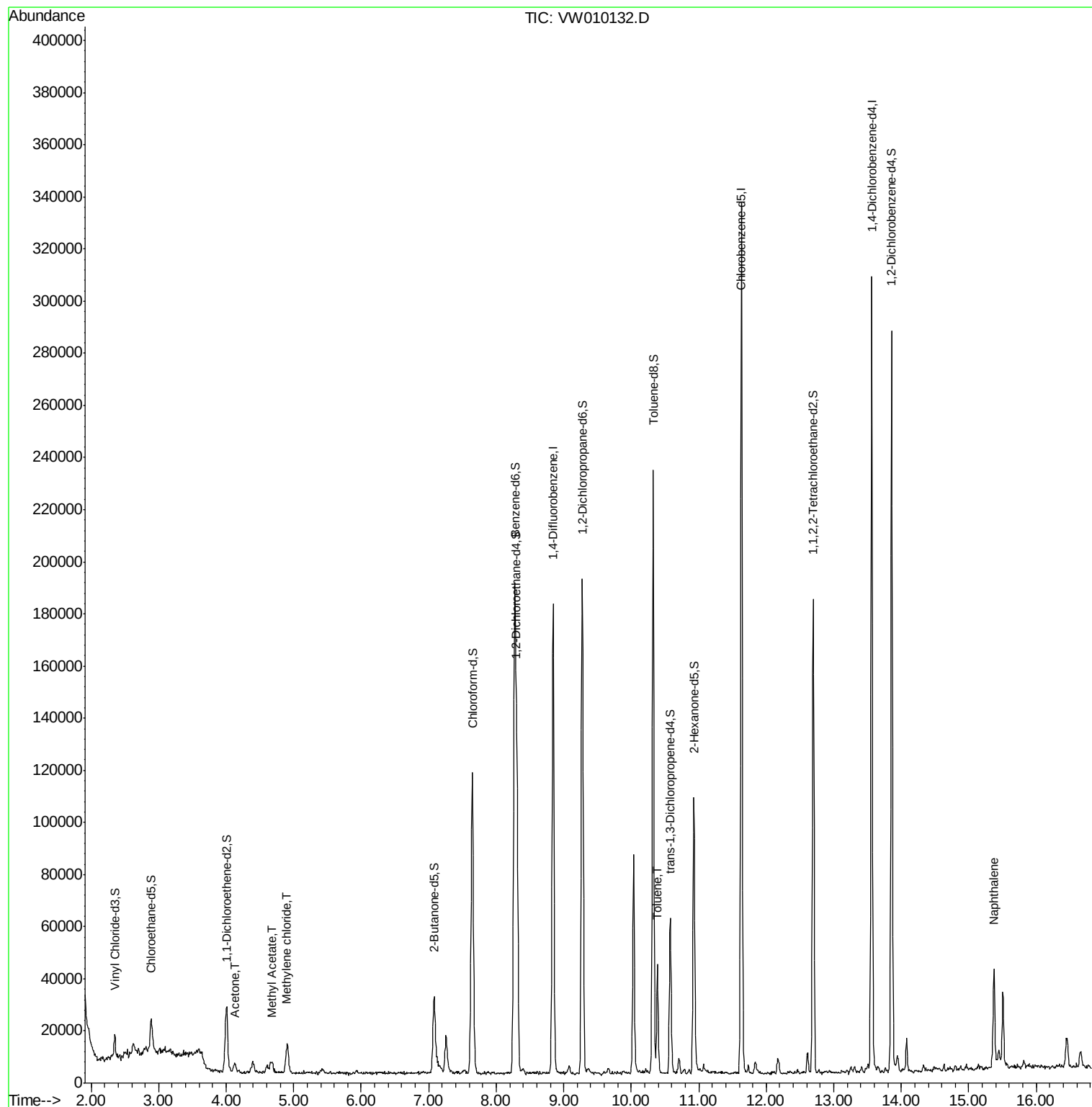
					Ovalue
13) Acetone	4.12	43	4632	9.271	ug/L 92
15) Methyl Acetate	4.67	43	5798	4.905	ug/L 98
16) Methylene chloride	4.89	84	4541	2.209	ug/L # 70
44) Toluene	10.39	91	28796	2.423	ug/L 97
69) Naphthalene	15.37	128	35143	4.821	ug/L 97

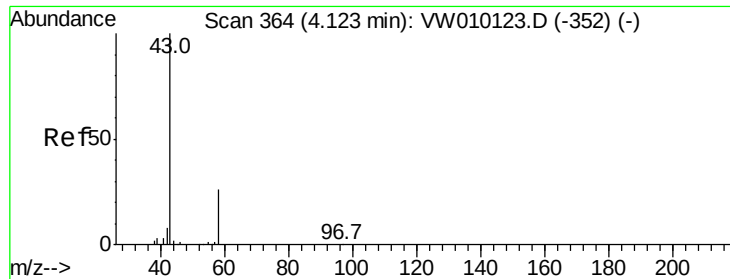
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.271 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010132.D

Acq: 25 Apr 2019 08:05

Instrument :

MSVOA_W

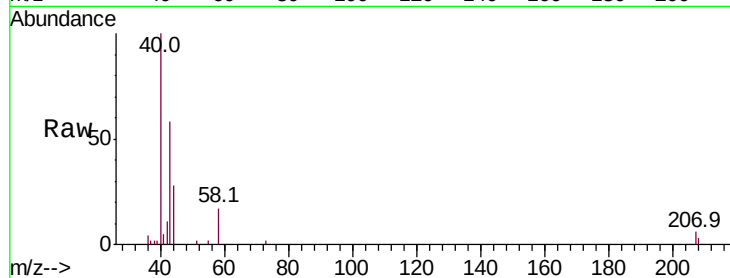
ClientSampleId :

Tot Ion: 43 Resp: 4632

Ion Ratio Lower Upper

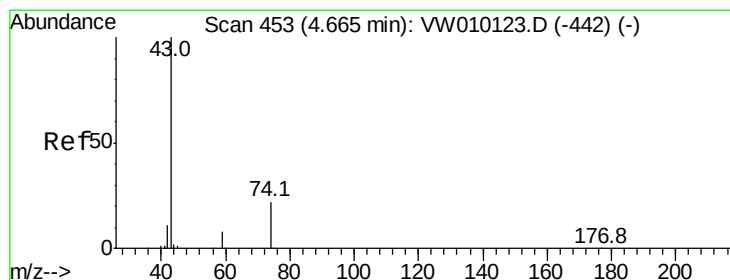
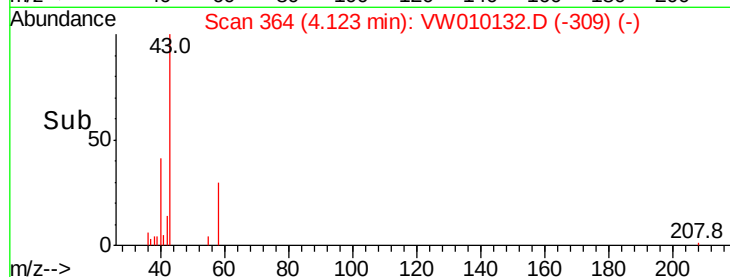
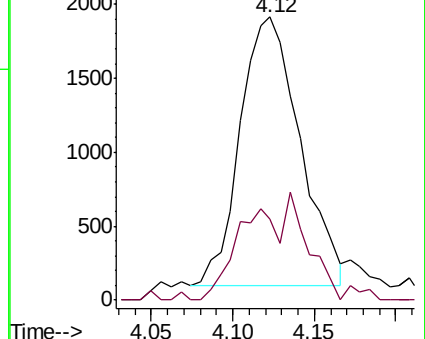
43 100

58 24.7 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 4.905 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW010132.D

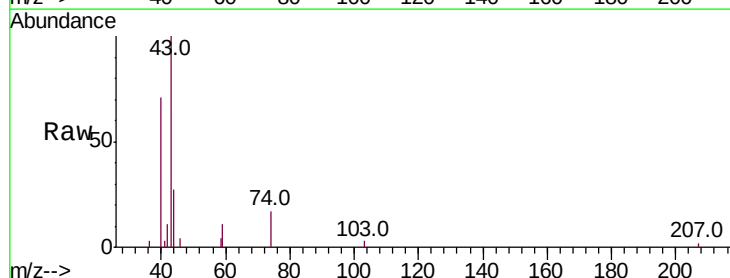
Acq: 25 Apr 2019 08:05

Tgt Ion: 43 Resp: 5798

Ion Ratio Lower Upper

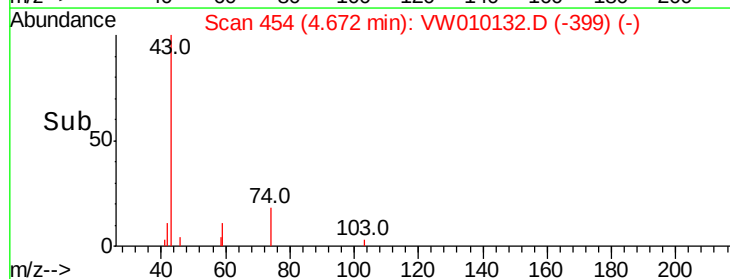
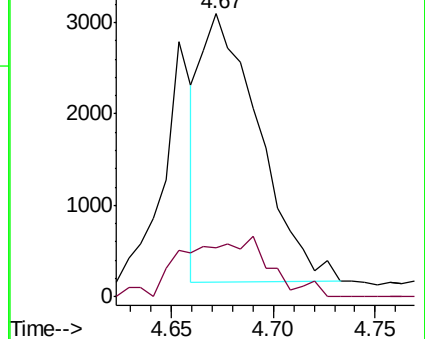
43 100

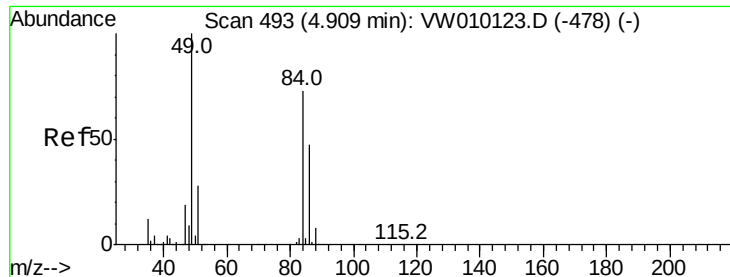
74 22.1 16.9 25.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

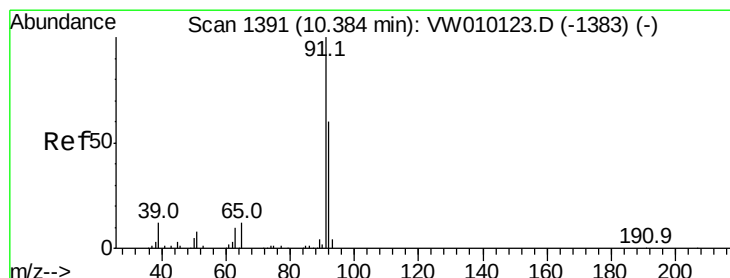
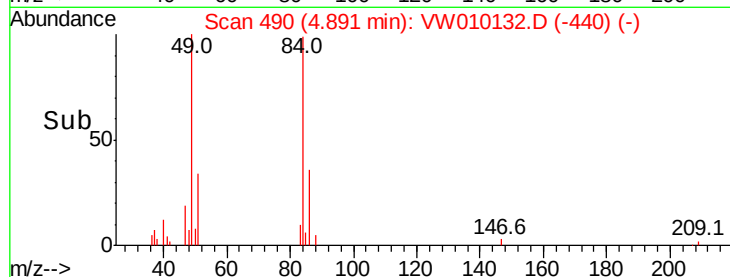
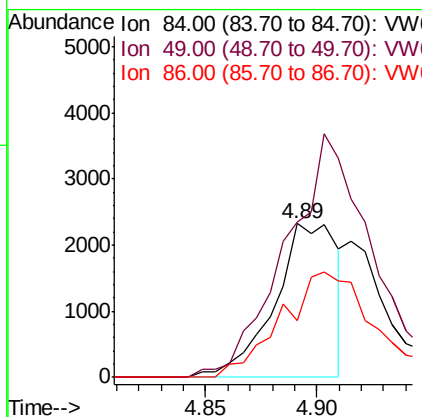
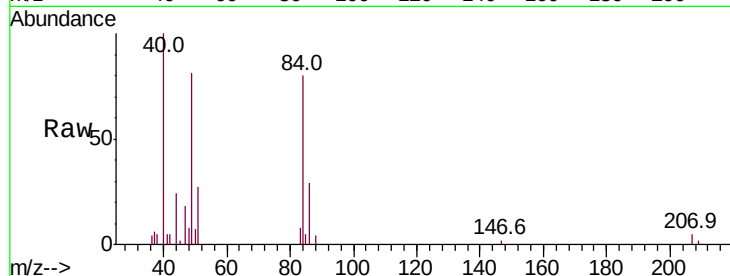




#16
Methylene chloride
Concen: 2.209 ug/L
RT: 4.89 min Scan# 490
Delta R.T. -0.02 min
Lab File: VW010132.D
Acq: 25 Apr 2019 08:05

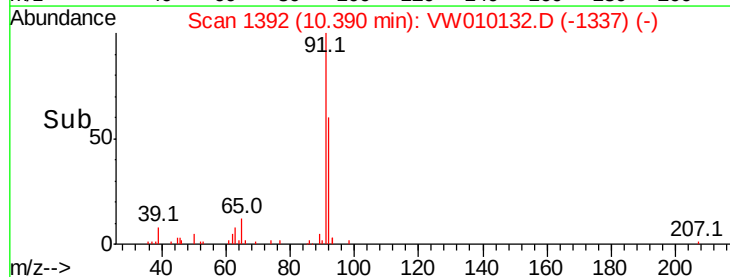
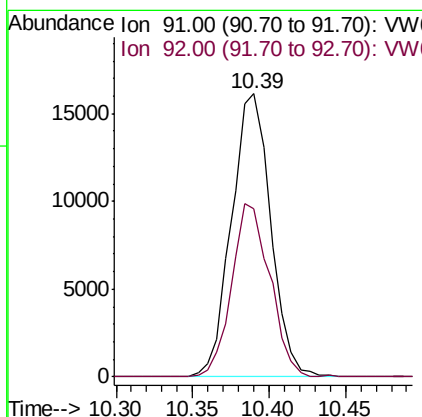
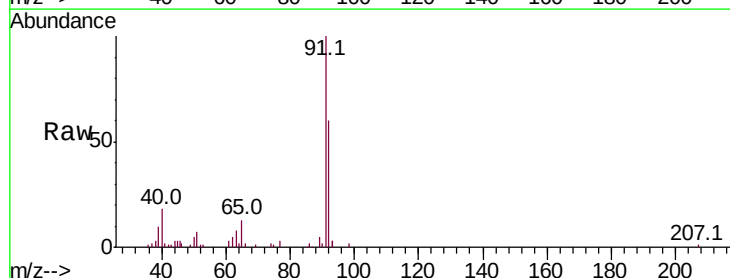
Instrument :
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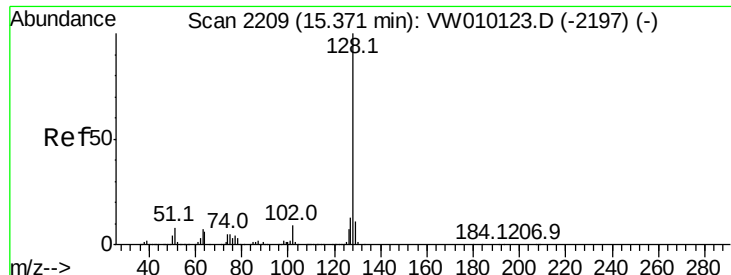
Tot Ion: 84 Resp: 4541
Ion Ratio Lower Upper
84 100
49 101.0 93.5 173.7
86 36.6 44.9 83.5#



#44
Toluene
Concen: 2.423 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW010132.D
Acq: 25 Apr 2019 08:05

Tgt Ion: 91 Resp: 28796
Ion Ratio Lower Upper
91 100
92 59.6 40.3 74.9





#69

Naphthalene

Concen: 4.821 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010132.D

Acq: 25 Apr 2019 08:05

Instrument :

MSVOA_W

ClientSampleId :

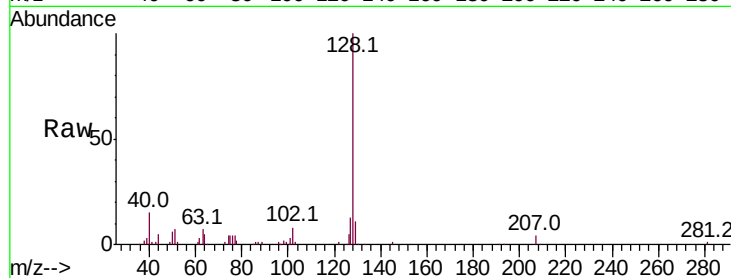
Tot Ion:128 Resp: 35143

Ion Ratio Lower Upper

128 100

129 12.5 8.6 13.0

127 14.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): V
 25000 Ion 129.00 (128.70 to 129.70): V
 20000 Ion 127.00 (126.70 to 127.70): V

