

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040220\
 Data File : VV015372.D
 Acq On : 02 Apr 2020 14:23
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 03 01:33:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 03 01:25:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	684777	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	649185	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	294295	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	224640	36.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.18%
7) Chloroethane-d5	1.58	69	204770	39.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.08%
11) 1,1-Dichloroethene-d2	2.12	63	350679	31.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.90%
21) 2-Butanone-d5	3.94	46	314225	96.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.29%
24) Chloroform-d	4.38	84	424519	41.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.76%
26) 1,2-Dichloroethane-d4	5.06	65	281717	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
32) Benzene-d6	5.07	84	886915	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.72%
36) 1,2-Dichloropropane-d6	6.09	67	265989	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.24%
41) Toluene-d8	7.34	98	852646	44.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.64	79	138059	42.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.78%
47) 2-Hexanone-d5	8.12	63	244610	90.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	384441	45.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	319109	47.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.34%

Target Compounds

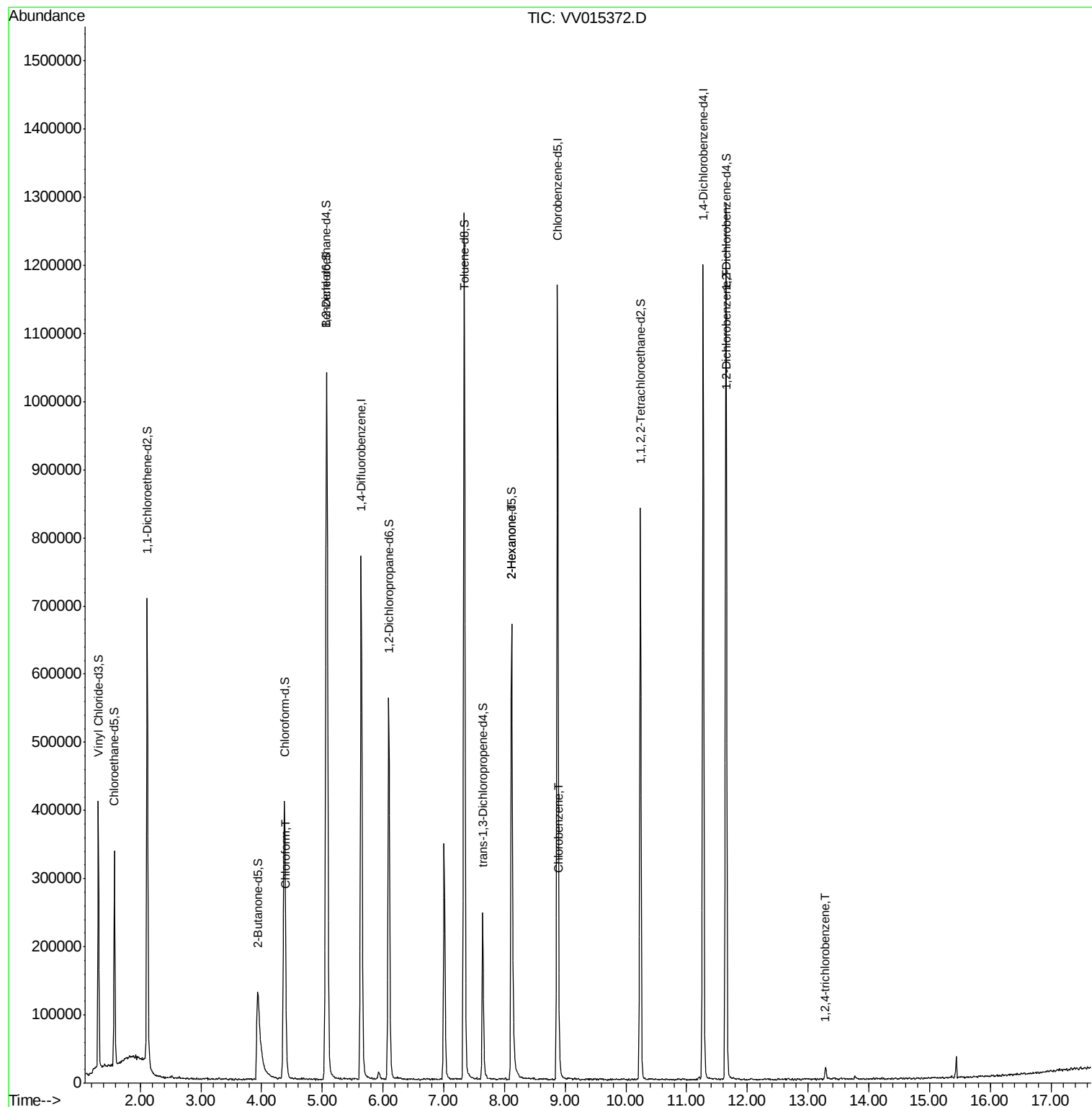
					Ovalue
25) Chloroform	4.41	83	12272	1.329 ug/L	99
48) 2-Hexanone	8.12	43	32946	6.563 ug/L #	81
51) Chlorobenzene	8.90	112	10551	0.754 ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	9160	0.906 ug/L	92
68) 1,2,4-trichlorobenzene	13.29	180	4994	0.833 ug/L #	89

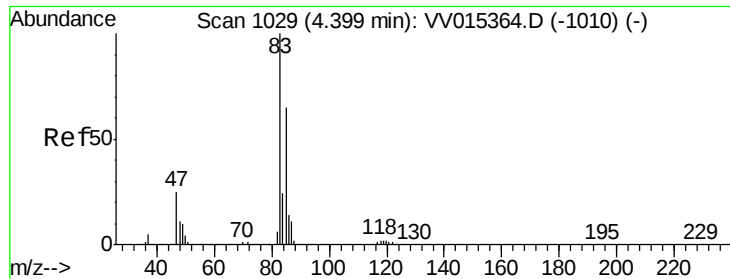
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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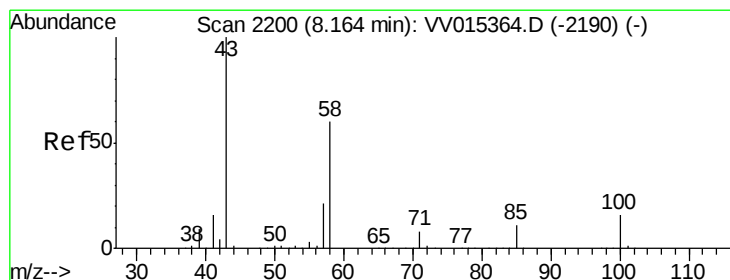
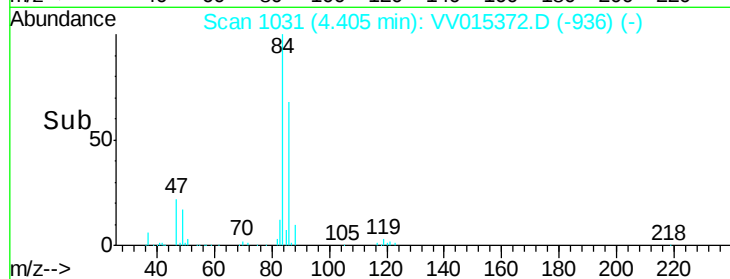
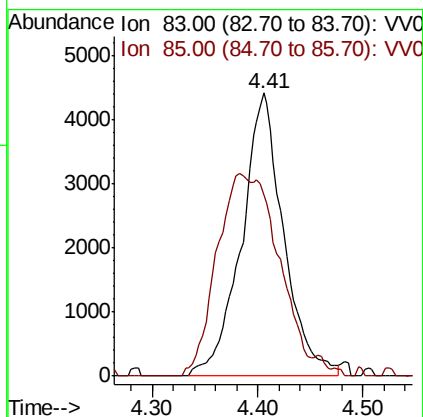
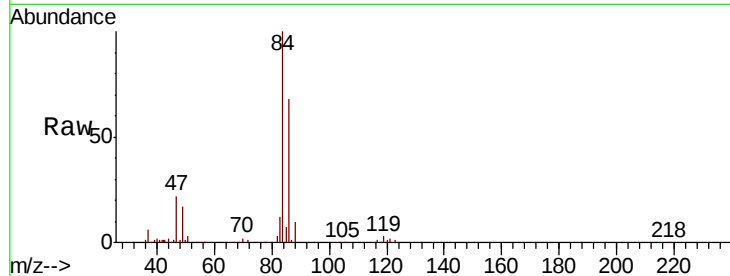




#25
Chloroform
Concen: 1.329 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015372.D
Acq: 02 Apr 2020 14:23

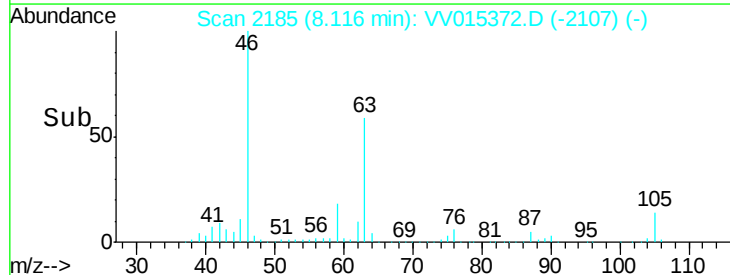
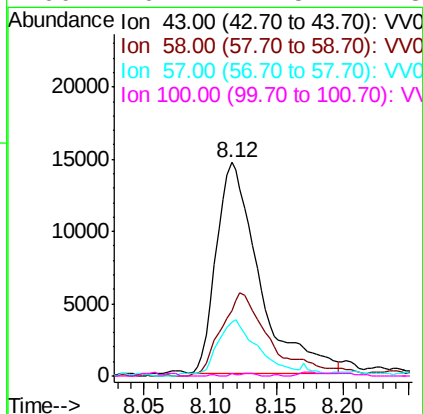
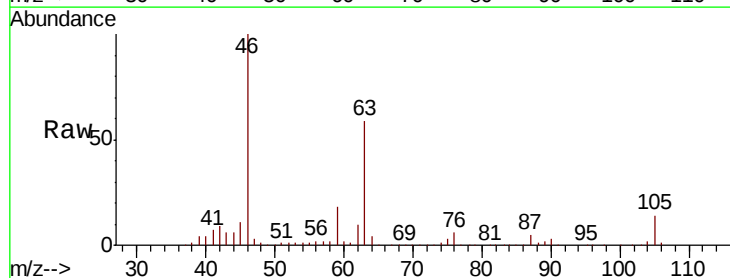
Instrument :
MSVOA_V
ClientSampled :

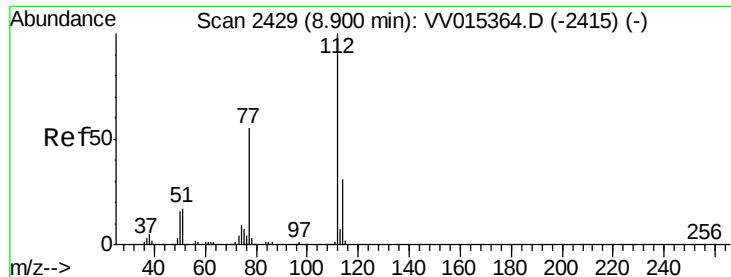
Tot Ion: 83 Resp: 12272
Ion Ratio Lower Upper
83 100
85 64.1 45.1 83.9



#48
2-Hexanone
Concen: 6.563 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV015372.D
Acq: 02 Apr 2020 14:23

Tgt Ion: 43 Resp: 32946
Ion Ratio Lower Upper
43 100
58 43.9 47.4 71.2#
57 23.3 16.7 25.1
100 0.2 11.5 17.3#





#51

Chlorobenzene

Concen: 0.754 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV015372.D

Acq: 02 Apr 2020 14:23

Instrument :

MSVOA_V

ClientSampleId :

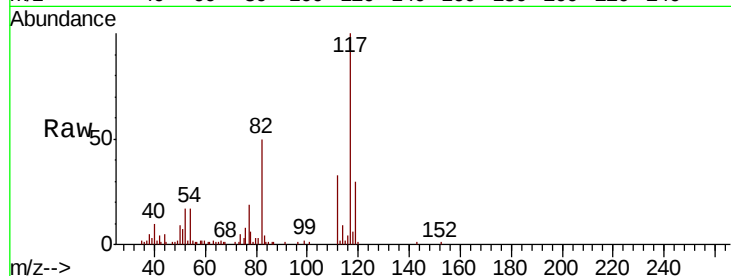
Tot Ion:112 Resp: 10551

Ion Ratio Lower Upper

112 100

114 27.9 21.8 40.4

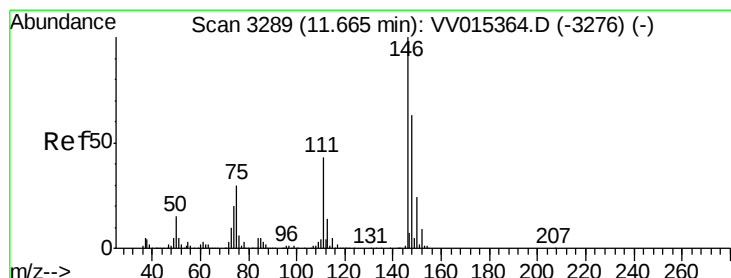
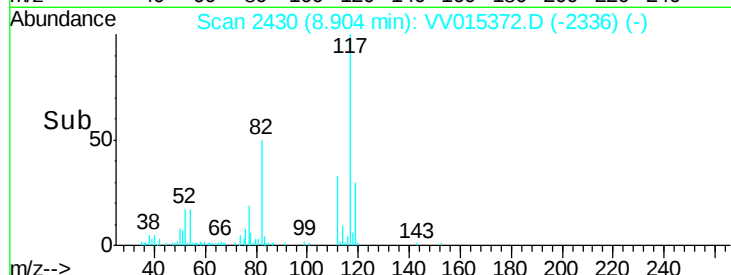
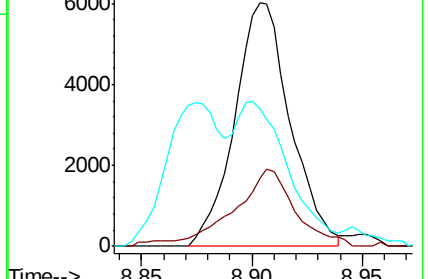
77 56.2 46.2 69.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#65

1,2-Dichlorobenzene

Concen: 0.906 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV015372.D

Acq: 02 Apr 2020 14:23

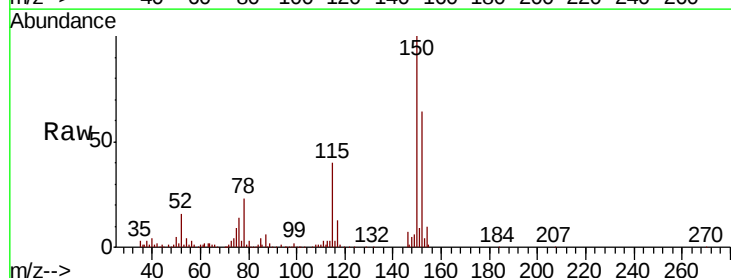
Tgt Ion:146 Resp: 9160

Ion Ratio Lower Upper

146 100

111 48.2 35.1 52.7

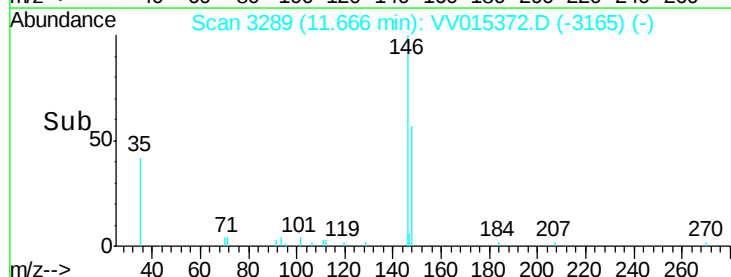
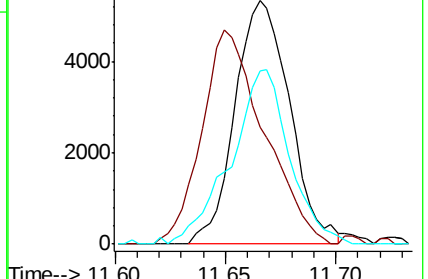
148 71.2 51.0 76.4

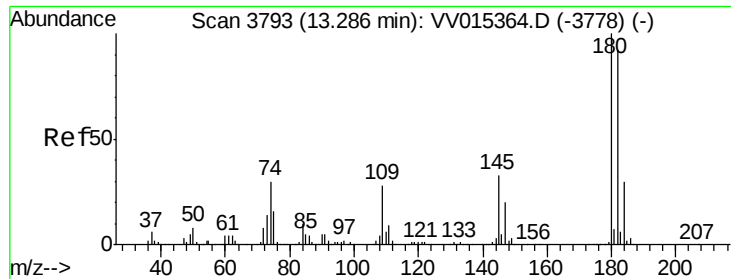


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

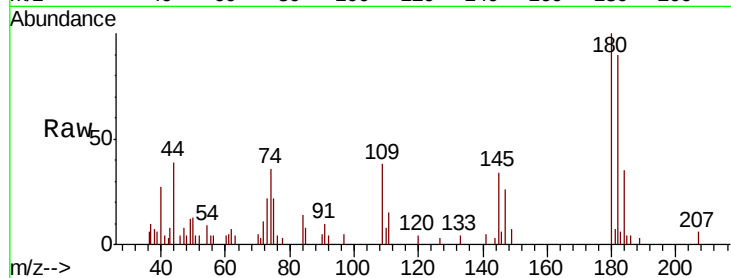




#68
 1,2,4-trichlorobenzene
 Concen: 0.833 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.00 min
 Lab File: VV015372.D
 Acq: 02 Apr 2020 14:23

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 4994
 Ion Ratio Lower Upper
 180 100
 182 90.6 75.8 113.8
 145 18.1 27.7 41.5#



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

