

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111219\
 Data File : VU035692.D
 Acq On : 12 Nov 2019 13:58
 Operator : JC/SP
 Sample : K5798-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 13 00:45:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 13 00:43:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	740354	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	694152	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	200148	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	266155	44.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.02%
7) Chloroethane-d5	1.93	69	225414	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.59	63	321885	34.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.22%
21) 2-Butanone-d5	4.69	46	307517	88.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.04%
24) Chloroform-d	5.11	84	429079	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
26) 1,2-Dichloroethane-d4	5.75	65	265280	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
32) Benzene-d6	5.77	84	922802	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.73	67	294443	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.36%
41) Toluene-d8	7.93	98	835120	48.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.86%
43) trans-1,3-Dichloropropene-	8.21	79	130026	48.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.22%
47) 2-Hexanone-d5	8.68	63	196213	87.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.25%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	370387	44.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.78%
64) 1,2-Dichlorobenzene-d4	12.22	152	204142	50.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.14%

Target Compounds

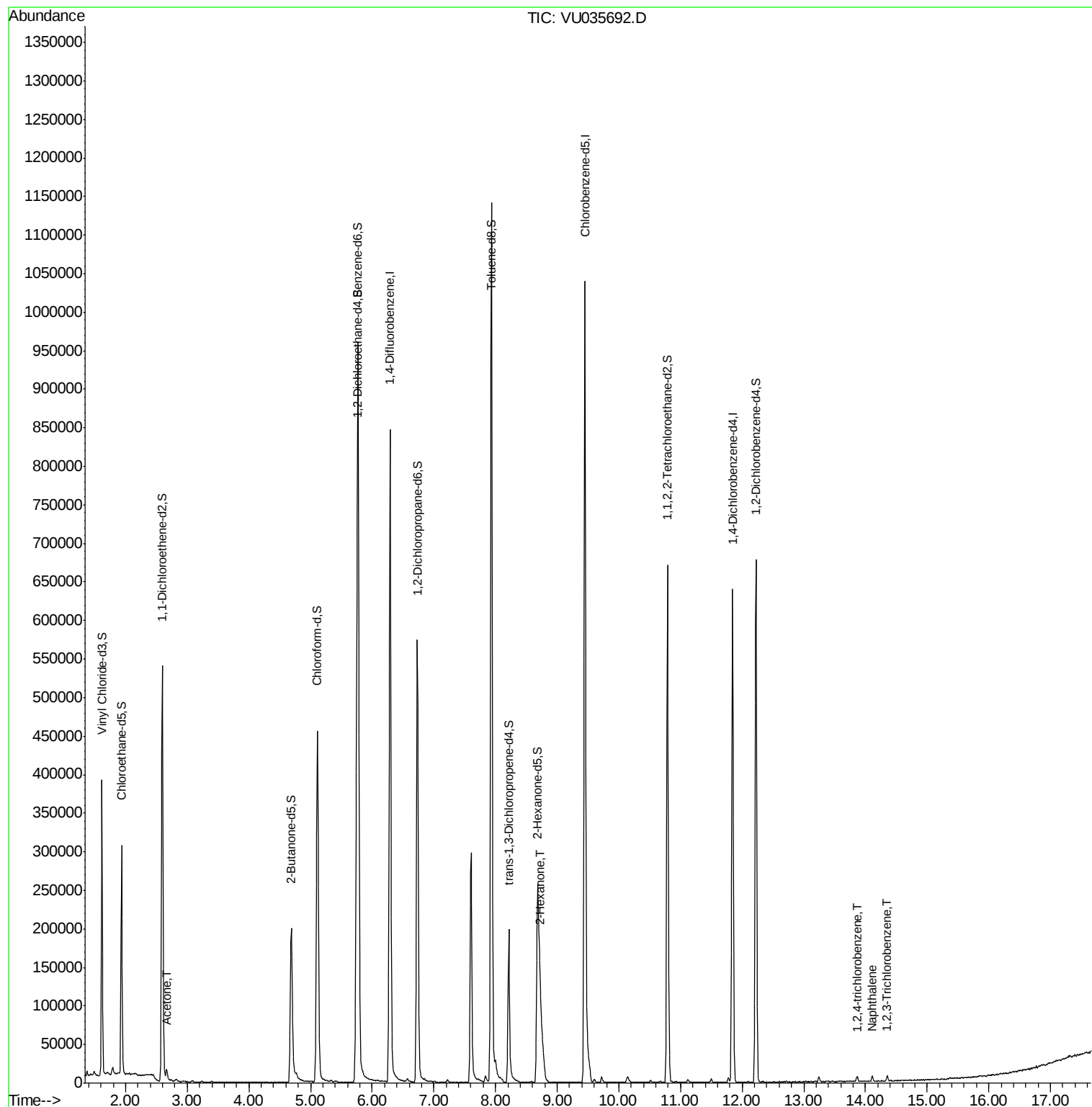
					Ovalue
13) Acetone	2.67	43	13906	4.525 ug/L	97
48) 2-Hexanone	8.73	43	28083	4.941 ug/L #	46
68) 1,2,4-trichlorobenzene	13.87	180	2704	1.107 ug/L #	84
69) Naphthalene	14.11	128	5708	0.911 ug/L	96
70) 1,2,3-Trichlorobenzene	14.36	180	2642	1.003 ug/L	94

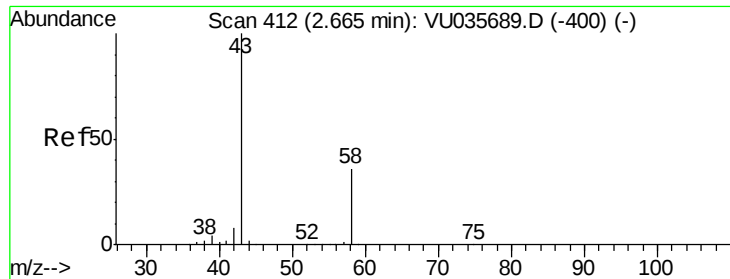
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.525 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU035692.D

Acq: 12 Nov 2019 13:58

Instrument :

MSVOA_U

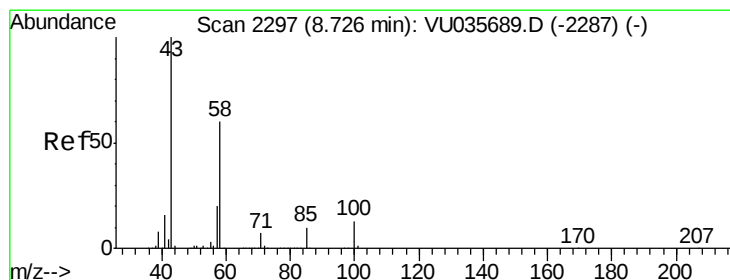
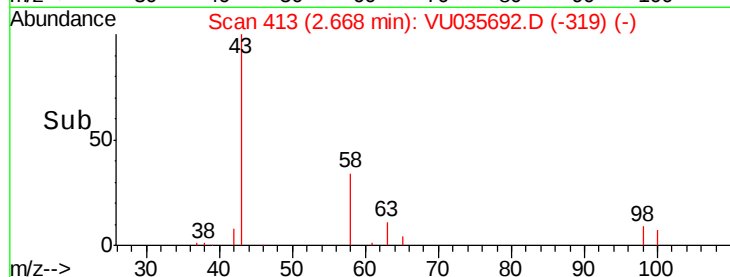
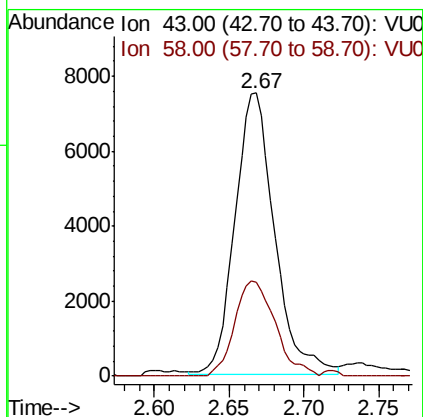
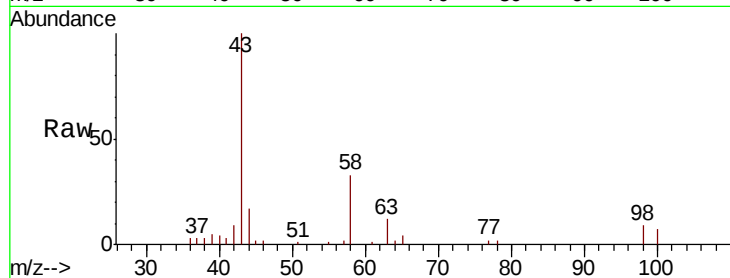
ClientSampleId :

Tot Ion: 43 Resp: 13906

Ion Ratio Lower Upper

43 100

58 33.1 0.0 70.0



#48

2-Hexanone

Concen: 4.941 ug/L

RT: 8.73 min Scan# 2298

Delta R.T. 0.00 min

Lab File: VU035692.D

Acq: 12 Nov 2019 13:58

Tgt Ion: 43 Resp: 28083

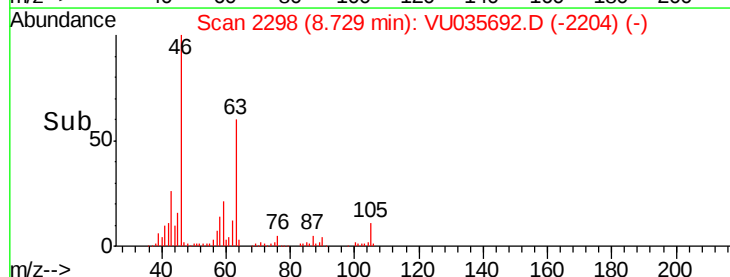
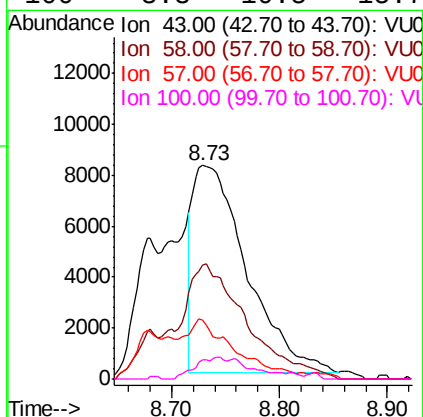
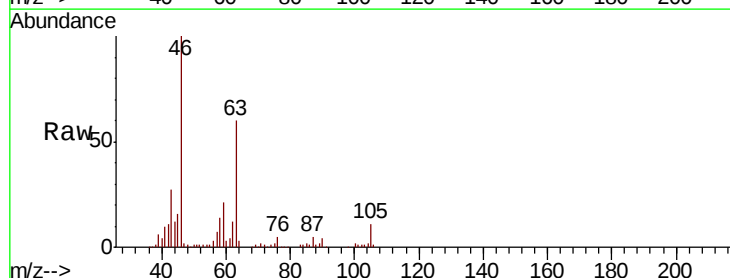
Ion Ratio Lower Upper

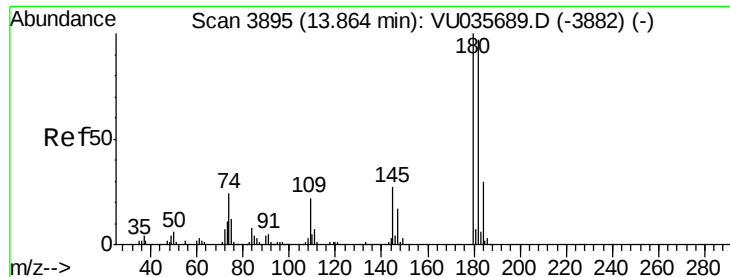
43 100

58 12.6 50.4 75.6#

57 2.2 17.4 26.0#

100 3.3 10.5 15.7#

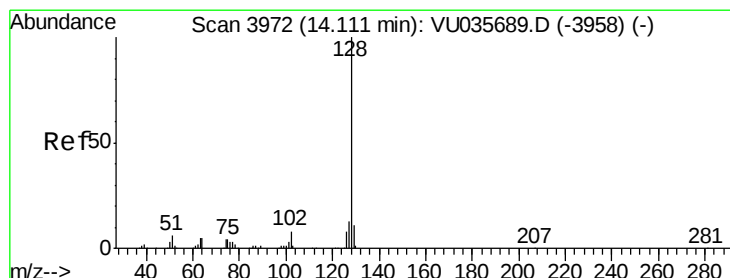
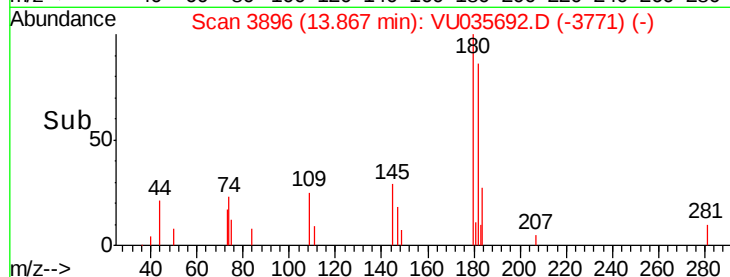
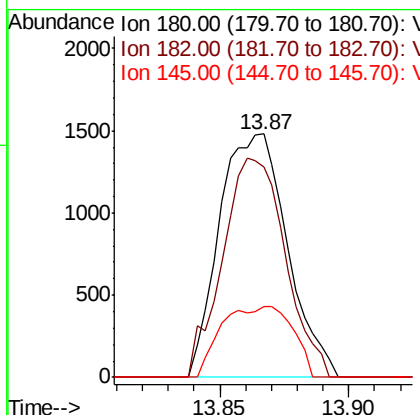
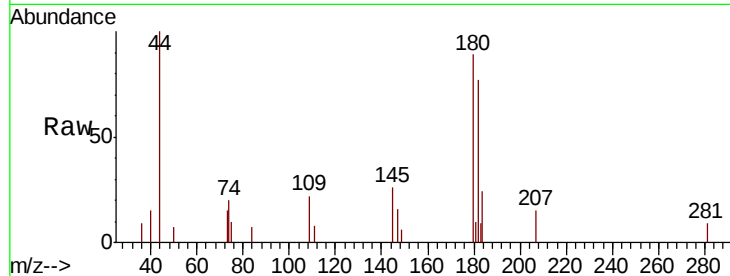




#68
 1,2,4-trichlorobenzene
 Concen: 1.107 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU035692.D
 Acq: 12 Nov 2019 13:58

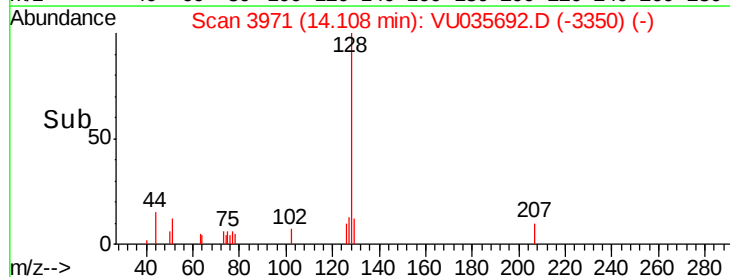
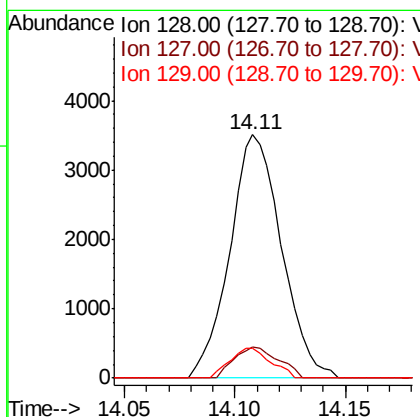
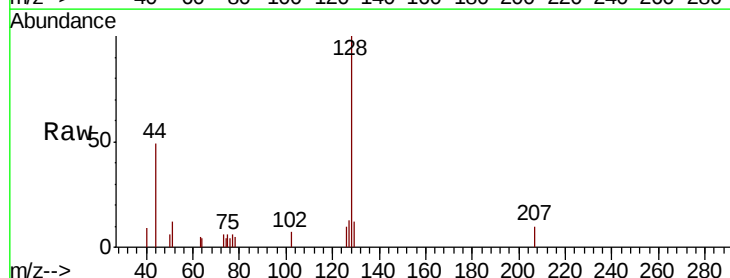
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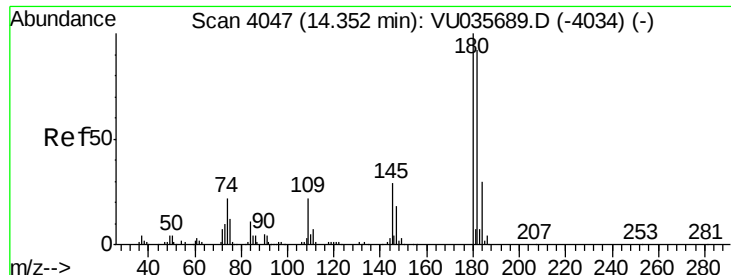
Tot Ion:180 Resp: 2704
 Ion Ratio Lower Upper
 180 100
 182 83.3 76.6 115.0
 145 13.3 21.9 32.9#



#69
 Naphthalene
 Concen: 0.911 ug/L
 RT: 14.11 min Scan# 3971
 Delta R.T. -0.00 min
 Lab File: VU035692.D
 Acq: 12 Nov 2019 13:58

Tgt Ion:128 Resp: 5708
 Ion Ratio Lower Upper
 128 100
 127 10.8 10.7 16.1
 129 9.8 8.5 12.7





#70

1,2,3-Trichlorobenzene

Concen: 1.003 ug/L

RT: 14.36 min Scan# 4048

Delta R.T. 0.00 min

Lab File: VU035692.D

Acq: 12 Nov 2019 13:58

Instrument :

MSVOA_U

ClientSampleId :

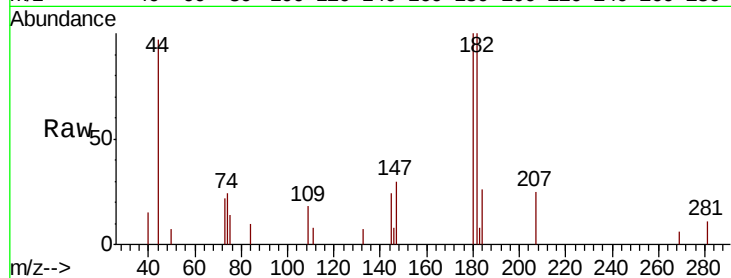
Tot Ion:180 Resp: 2642

Ion Ratio Lower Upper

180 100

182 103.3 77.6 116.4

145 27.6 23.4 35.0



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

