

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\
 Data File : VV014686.D
 Acq On : 22 Feb 2020 04:31
 Operator : SY/MD
 Sample : L1607-09 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 04:39:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 24 04:25:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	215378	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	202355	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	95361	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32109	38.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.34%
7) Chloroethane-d5	1.59	69	27046	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.72%
11) 1,1-Dichloroethene-d2	2.13	63	54043	34.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.94%
21) 2-Butanone-d5	3.95	46	78096	99.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.88%
24) Chloroform-d	4.40	84	128695	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
26) 1,2-Dichloroethane-d4	5.08	65	89588	50.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.76%
32) Benzene-d6	5.10	84	256383	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.74%
36) 1,2-Dichloropropane-d6	6.11	67	75355	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.50%
41) Toluene-d8	7.35	98	240161	46.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.12%
43) trans-1,3-Dichloropropene-	7.66	79	39696	45.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.74%
47) 2-Hexanone-d5	8.13	63	59381	94.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.87%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	106748	49.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.66%
64) 1,2-Dichlorobenzene-d4	11.67	152	96144	51.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.06%

Target Compounds

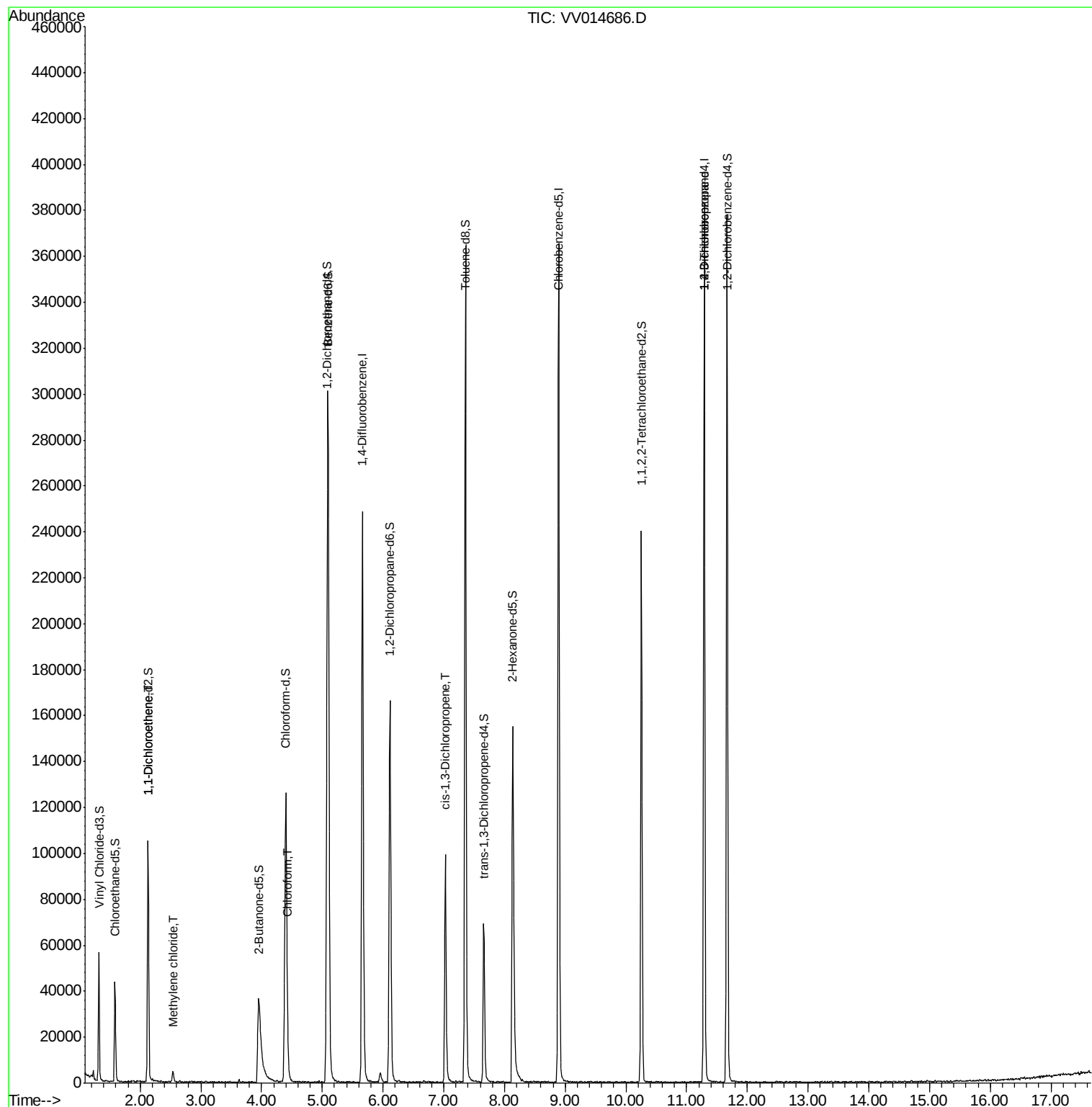
				Ovalue	
12) 1,1-Dichloroethene	2.13	96	513	0.781	ug/L # 1
16) Methylene chloride	2.54	84	2235	1.632	ug/L 90
25) Chloroform	4.43	83	5542	2.076	ug/L 94
39) cis-1,3-Dichloropropene	7.03	75	2814	1.234	ug/L # 66
59) 1,2,3-Trichloropropane	11.29	75	10531	6.098	ug/L # 84

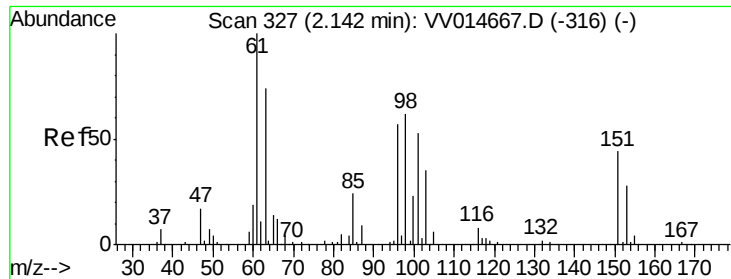
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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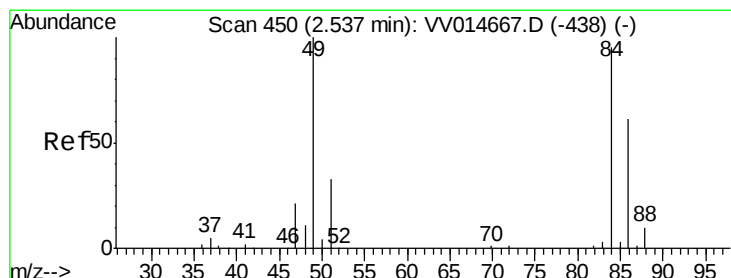
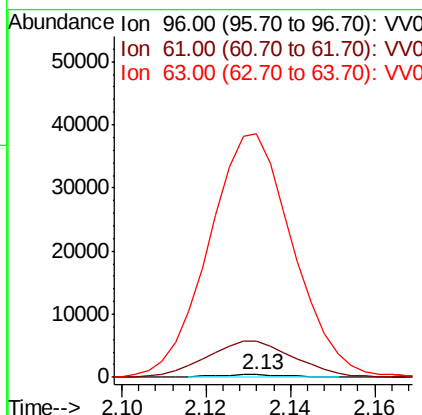
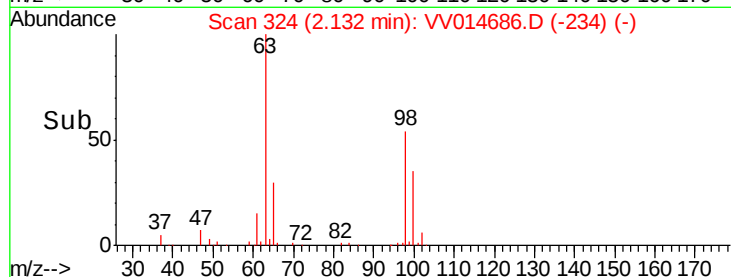
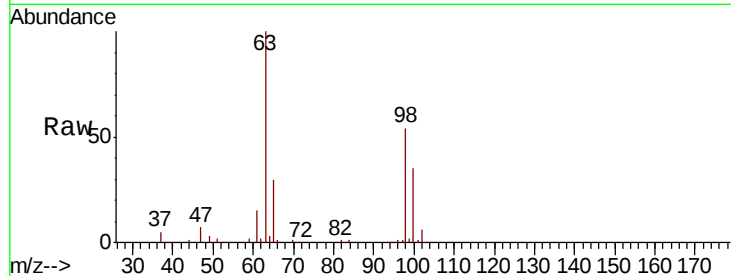




#12
 1,1-Dichloroethene
 Concen: 0.781 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV014686.D
 Acq: 22 Feb 2020 04:31

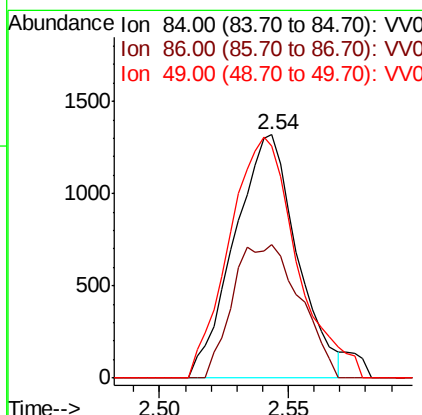
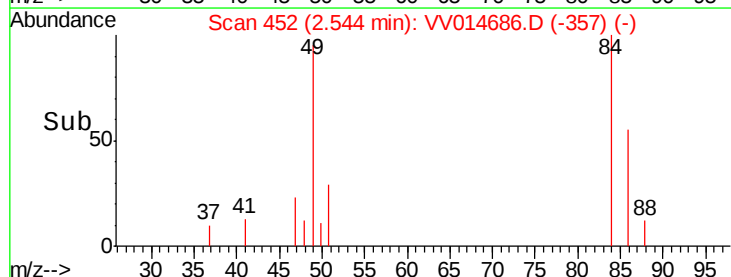
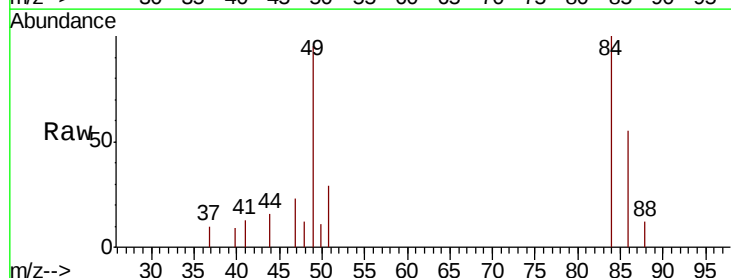
Instrument :
 MSVOA_V
 ClientSampled :

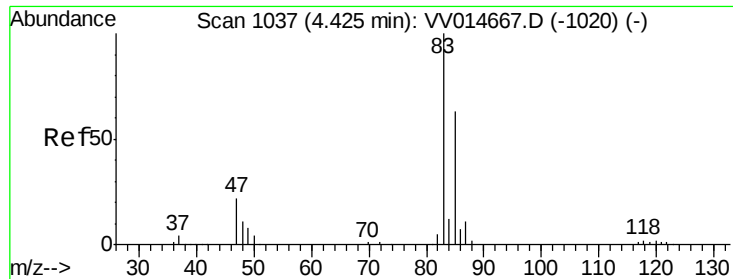
Tot Ion: 96 Resp: 513
 Ion Ratio Lower Upper
 96 100
 61 1493.7 124.5 231.1#
 63 10070.0 98.1 182.1#



#16
 Methylene chloride
 Concen: 1.632 ug/L
 RT: 2.54 min Scan# 452
 Delta R.T. 0.01 min
 Lab File: VV014686.D
 Acq: 22 Feb 2020 04:31

Tgt Ion: 84 Resp: 2235
 Ion Ratio Lower Upper
 84 100
 86 54.9 44.4 82.4
 49 95.1 73.6 136.8

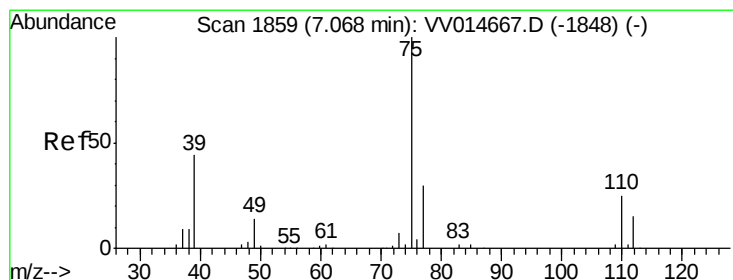
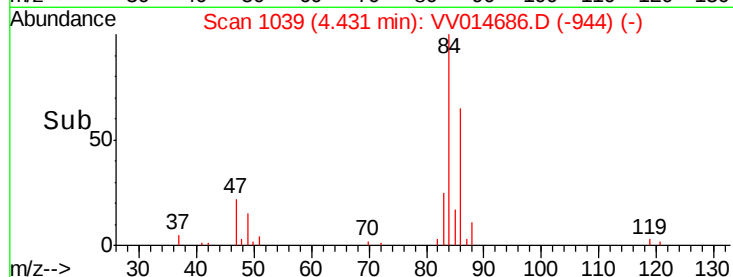
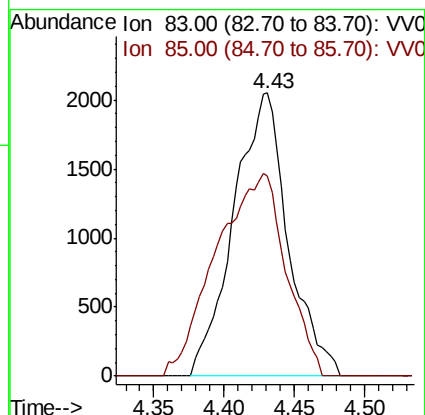
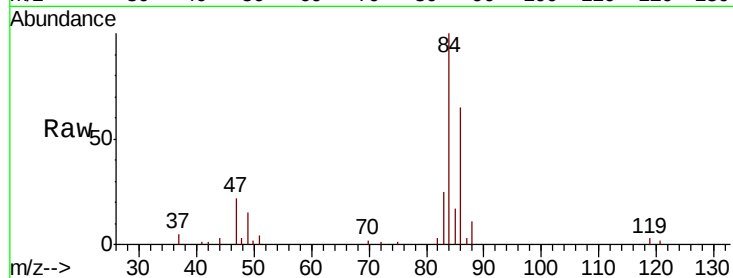




#25
Chloroform
Concen: 2.076 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV014686.D
Acq: 22 Feb 2020 04:31

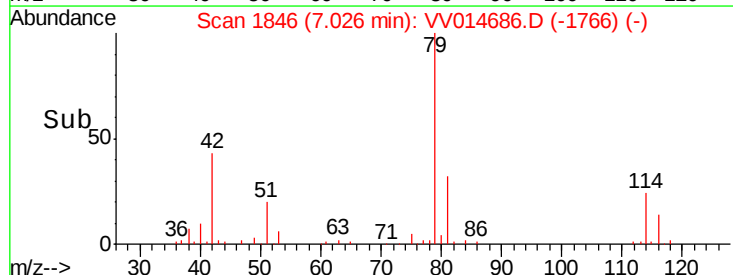
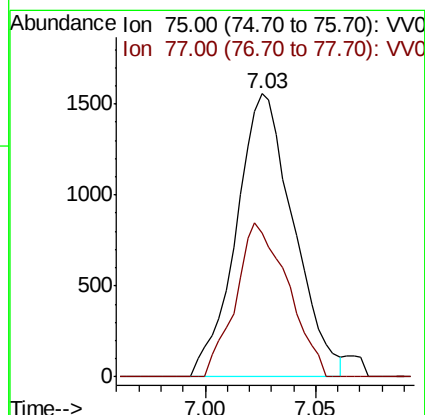
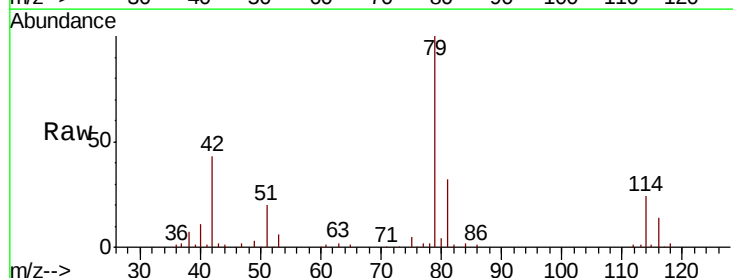
Instrument :
MSVOA_V
ClientSampleId :

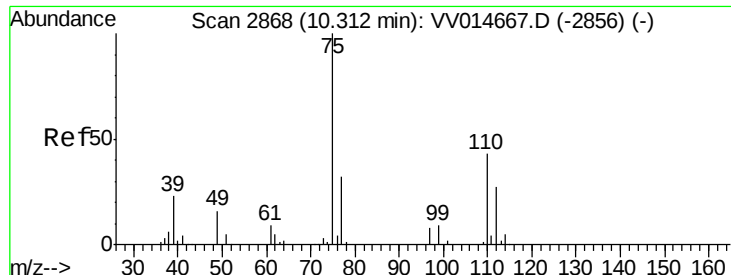
Tot Ion: 83 Resp: 5542
Ion Ratio Lower Upper
83 100
85 70.9 46.1 85.7



#39
cis-1,3-Dichloropropene
Concen: 1.234 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV014686.D
Acq: 22 Feb 2020 04:31

Tgt Ion: 75 Resp: 2814
Ion Ratio Lower Upper
75 100
77 50.8 22.4 41.6#





#59

1,2,3-Trichloropropane

Concen: 6.098 ug/L

RT: 11.29 min Scan# 3171

Delta R.T. 0.97 min

Lab File: VV014686.D

Acq: 22 Feb 2020 04:31

Instrument :

MSVOA_V

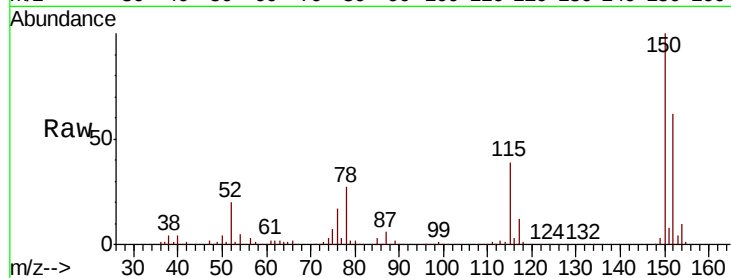
ClientSampleId :

Tot Ion: 75 Resp: 10531

Ion Ratio Lower Upper

75 100

77 41.3 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

