

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
 Data File : VU024173.D
 Acq On : 27 May 2018 02:50
 Operator : MD/SY
 Sample : J3092-06 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: May 28 02:22:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 02:19:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	301534	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	280636	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	95643	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75766	33.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.10%
7) Chloroethane-d5	1.68	69	67938	37.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.64%
11) 1,1-Dichloroethene-d2	2.27	63	111841	26.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.46%#
21) 2-Butanone-d5	4.18	46	168958	92.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.71%
24) Chloroform-d	4.65	84	169027	41.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.30%
26) 1,2-Dichloroethane-d4	5.31	65	110886	42.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.22%
32) Benzene-d6	5.35	84	317391	40.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.72%
36) 1,2-Dichloropropane-d6	6.34	67	116234	43.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.32%
41) Toluene-d8	7.57	98	262356	36.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.90%#
43) trans-1,3-Dichloropropene-	7.85	79	39989	37.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.56%
47) 2-Hexanone-d5	8.31	63	116287	91.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.57%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	169878	43.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.50%
64) 1,2-Dichlorobenzene-d4	11.87	152	100842	48.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.18%

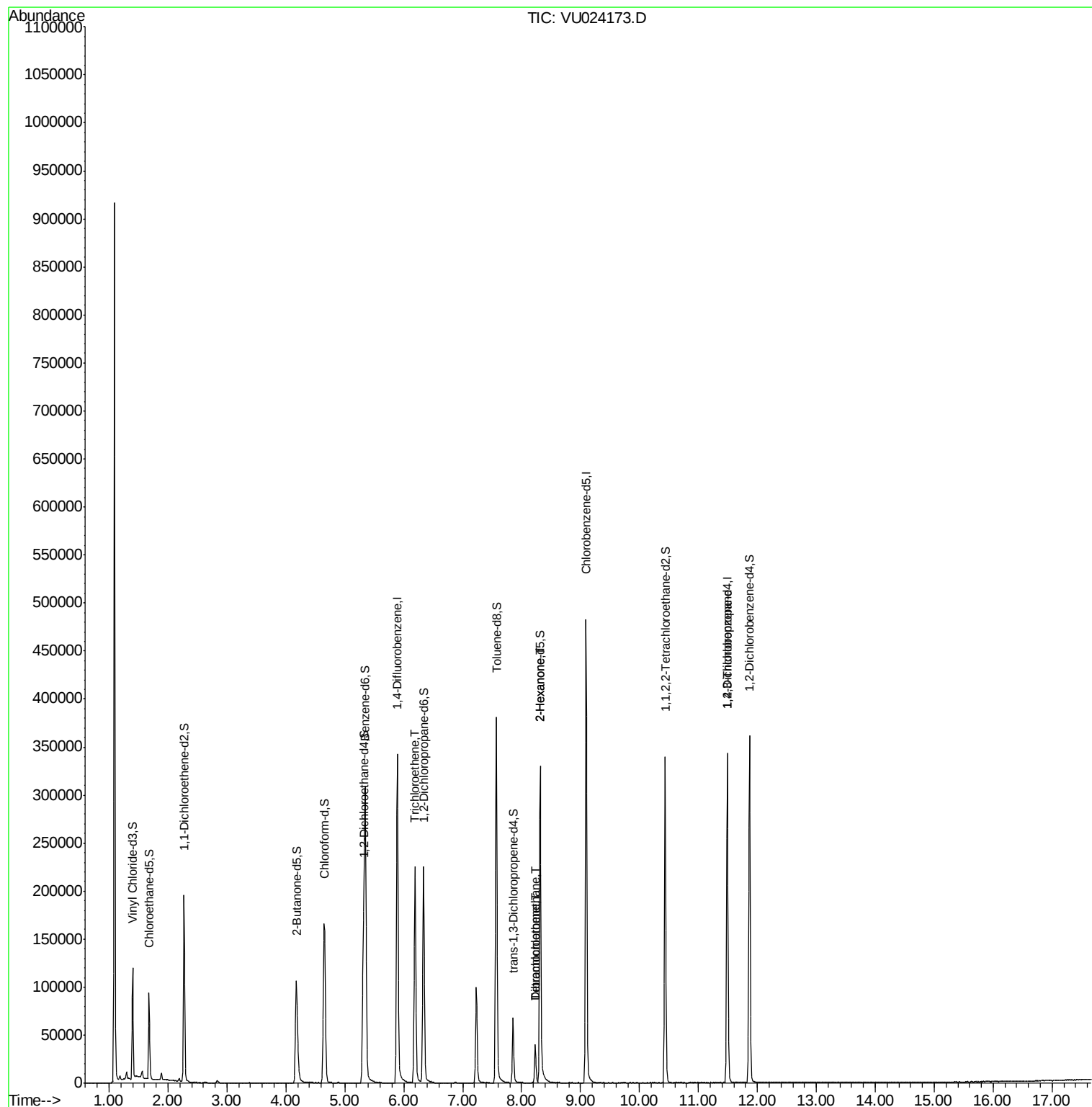
Target Compounds

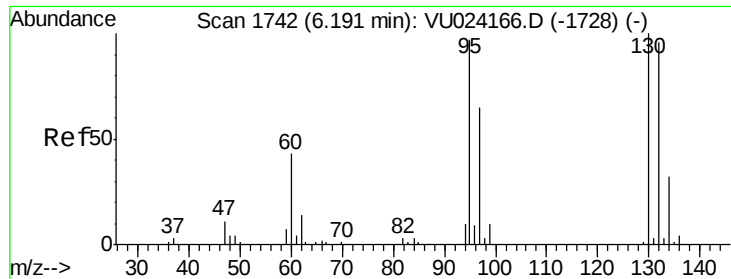
						Qvalue
34) Trichloroethene	6.19	95	81146	30.92	ug/L	98
46) Tetrachloroethene	8.23	164	9183	5.00	ug/L	98
48) 2-Hexanone	8.31	43	13365	4.77	ug/L #	66
49) Dibromochloromethane	8.23	129	9223	3.76	ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	10960	3.34	ug/L	93

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

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#34

Trichloroethene

Concen: 30.92 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024173.D

Acq: 27 May 2018 02:50

Tgt Ion: 95 Resp: 81146

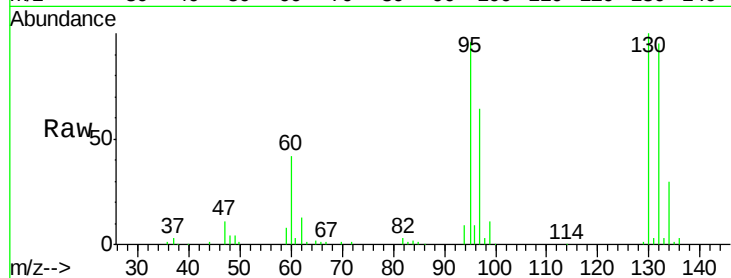
Ion Ratio Lower Upper

95 100

97 66.3 44.5 82.7

132 98.4 69.0 128.2

130 103.9 70.6 131.0

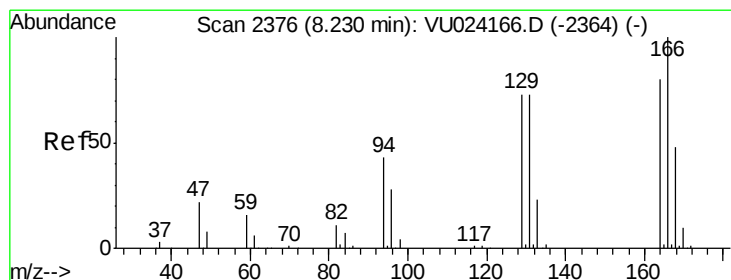
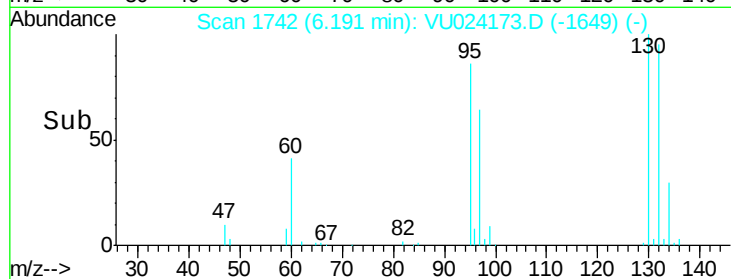
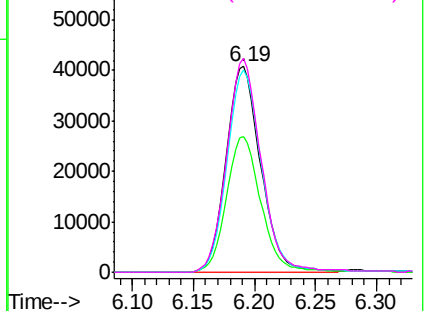


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#46

Tetrachloroethene

Concen: 5.00 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024173.D

Acq: 27 May 2018 02:50

Tgt Ion: 164 Resp: 9183

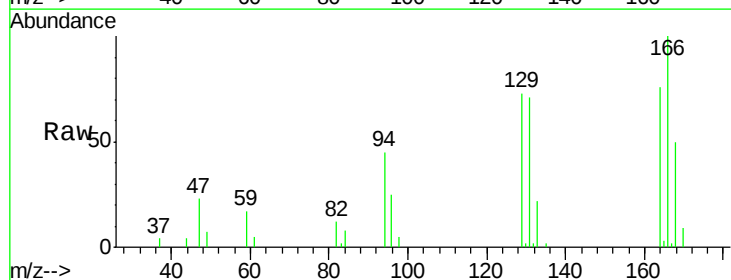
Ion Ratio Lower Upper

164 100

129 96.6 66.6 123.6

131 93.2 64.5 119.9

166 132.0 89.3 165.9

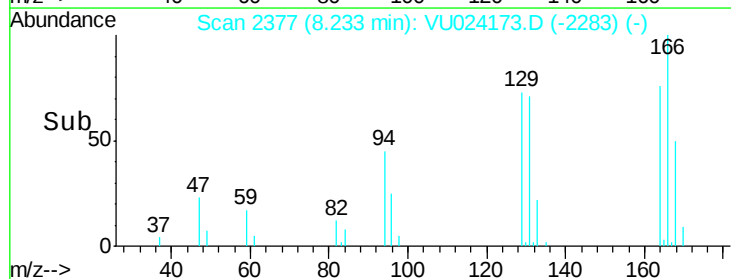
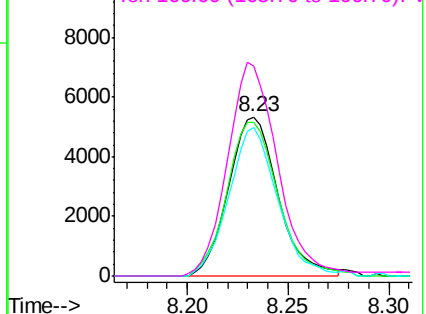


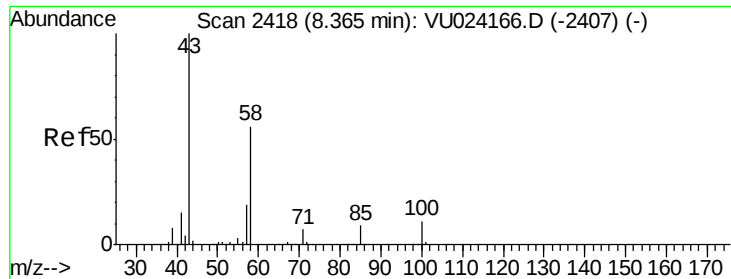
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

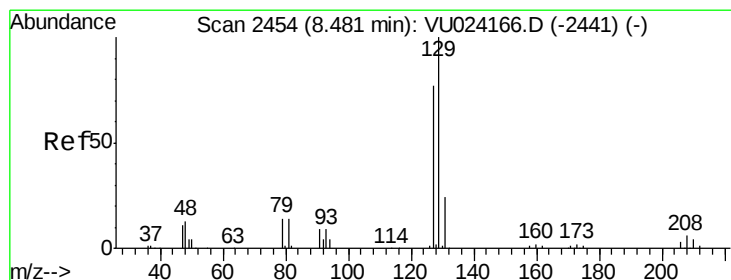
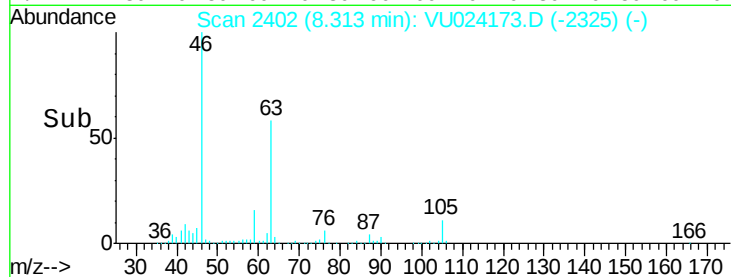
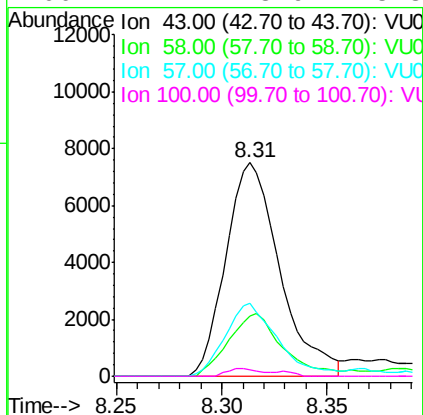
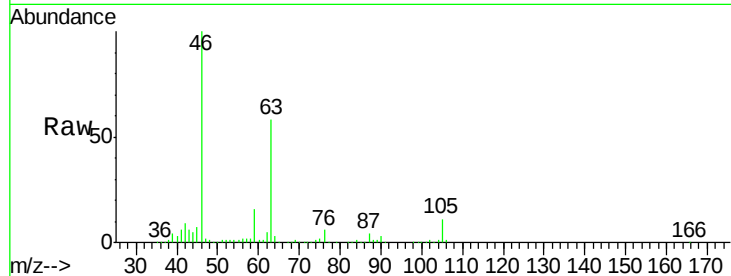
Ion 166.00 (165.70 to 166.70): V





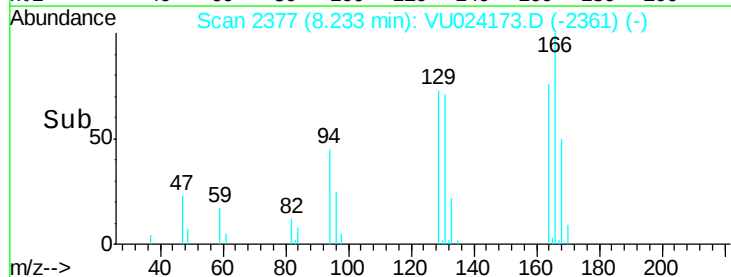
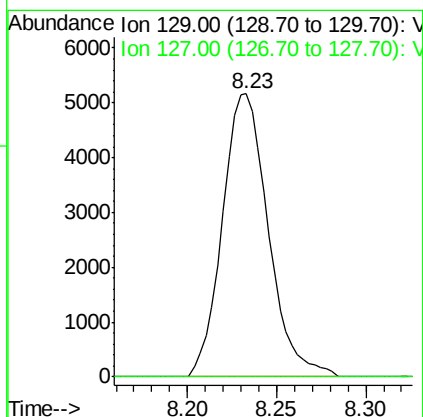
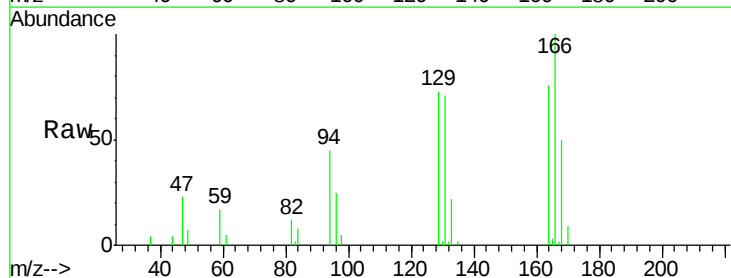
#48
2-Hexanone
Concen: 4.77 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU024173.D
Acq: 27 May 2018 02:50

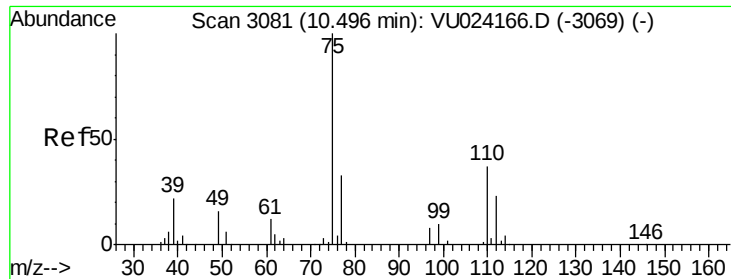
Tgt Ion:	43	Resp:	13365
Ion	Ratio	Lower	Upper
43	100		
58	29.2	44.6	67.0#
57	33.4	15.3	22.9#
100	2.1	8.9	13.3#



#49
Dibromochloromethane
Concen: 3.76 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. -0.25 min
Lab File: VU024173.D
Acq: 27 May 2018 02:50

Tgt Ion:	129	Resp:	9223
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.2	100.6#





#59

1,2,3-Trichloropropane

Concen: 3.34 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024173.D

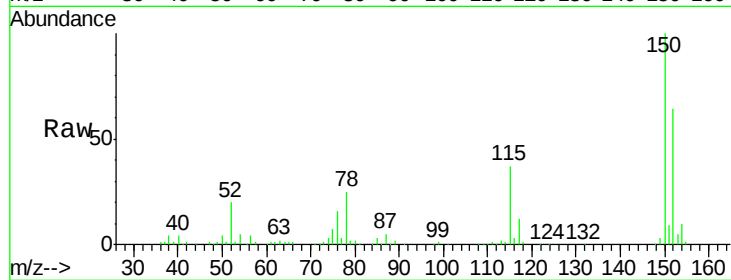
Acq: 27 May 2018 02:50

Tgt Ion: 75 Resp: 10960

Ion Ratio Lower Upper

75 100

77 35.5 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

