

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
 Data File : VU024146.D
 Acq On : 26 May 2018 15:24
 Operator : MD/SY
 Sample : J3081-16DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 28 00:58:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 00:49:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	292036	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	277732	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	99710	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	89694	40.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.80%
7) Chloroethane-d5	1.68	69	79540	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.24%
11) 1,1-Dichloroethene-d2	2.27	63	133391	32.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.60%
21) 2-Butanone-d5	4.18	46	176262	99.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.87%
24) Chloroform-d	4.65	84	181449	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.22%
26) 1,2-Dichloroethane-d4	5.31	65	119425	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.76%
32) Benzene-d6	5.35	84	356462	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.74%
36) 1,2-Dichloropropane-d6	6.34	67	125737	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.46%
41) Toluene-d8	7.57	98	311655	43.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.50%
43) trans-1,3-Dichloropropene-	7.85	79	46919	44.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.58%
47) 2-Hexanone-d5	8.31	63	124703	99.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.22%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	178917	46.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.12%
64) 1,2-Dichlorobenzene-d4	11.87	152	115259	52.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.44%

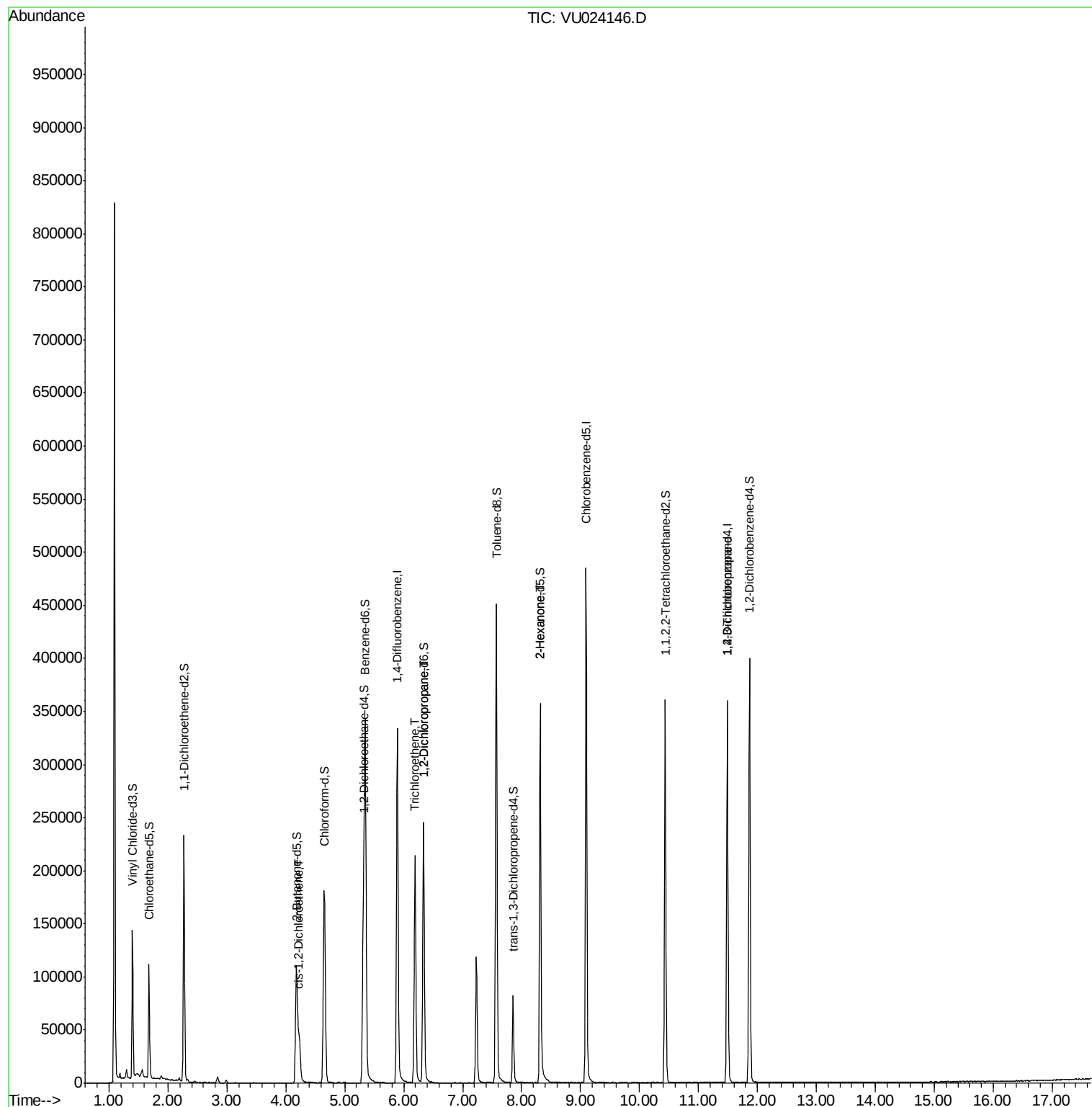
Target Compounds

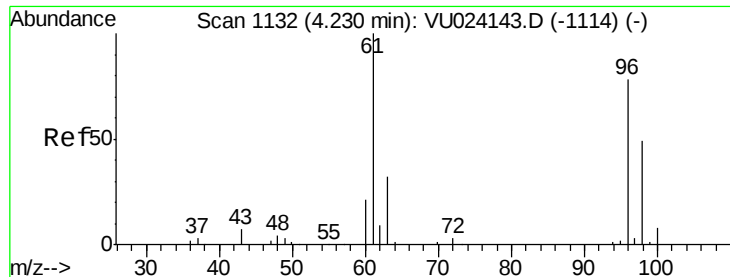
						Qvalue
20) cis-1,2-Dichloroethene	4.23	96	19836	8.43	ug/L	94
34) Trichloroethene	6.19	95	77665	29.90	ug/L	98
37) 1,2-Dichloropropane	6.34	63	12858	4.96	ug/L #	89
48) 2-Hexanone	8.31	43	13720	4.95	ug/L #	68
59) 1,2,3-Trichloropropane	11.49	75	11084	3.42	ug/L	91

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

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#20

cis-1,2-Dichloroethene

Concen: 8.43 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024146.D

Acq: 26 May 2018 15:24

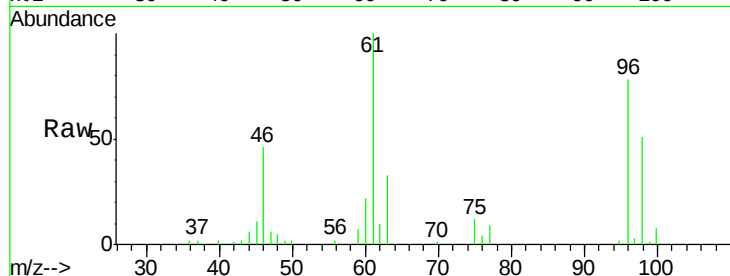
Tgt Ion: 96 Resp: 19836

Ion Ratio Lower Upper

96 100

61 127.9 94.8 176.0

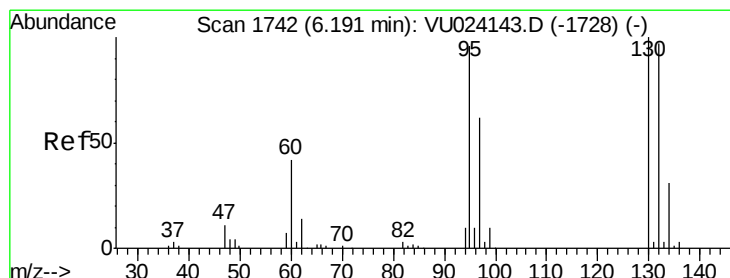
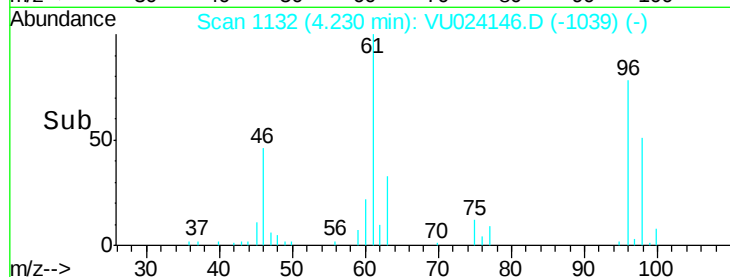
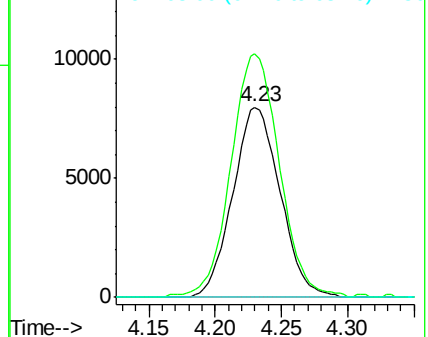
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene

Concen: 29.90 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024146.D

Acq: 26 May 2018 15:24

Tgt Ion: 95 Resp: 77665

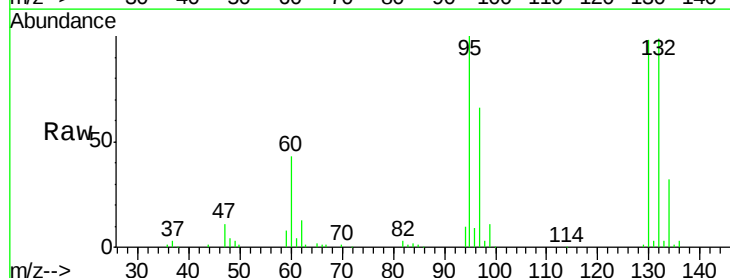
Ion Ratio Lower Upper

95 100

97 66.1 44.5 82.7

132 98.9 69.0 128.2

130 98.4 70.6 131.0

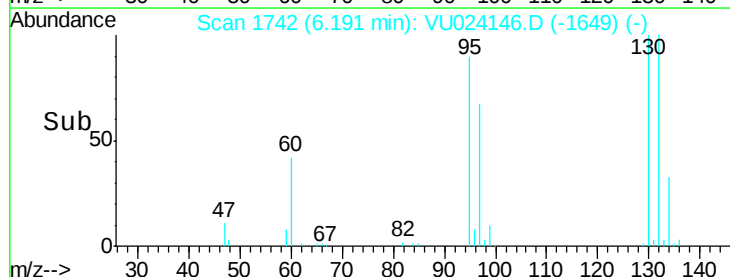
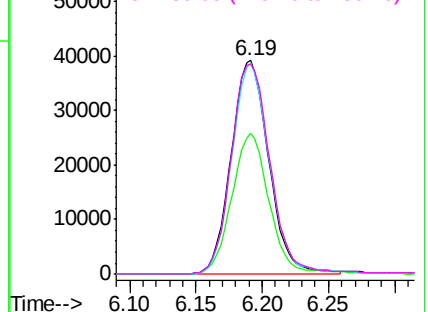


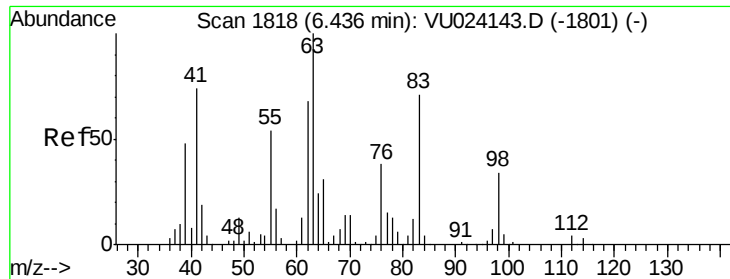
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

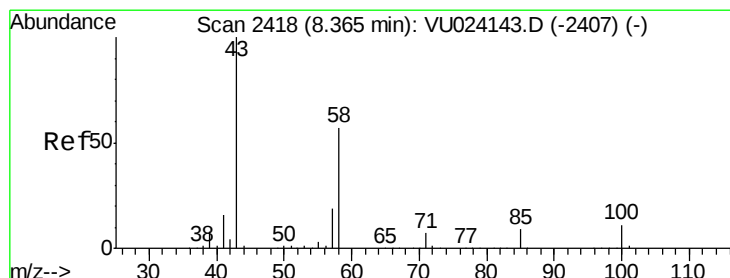
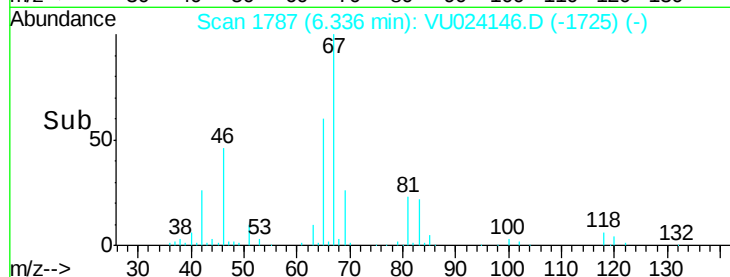
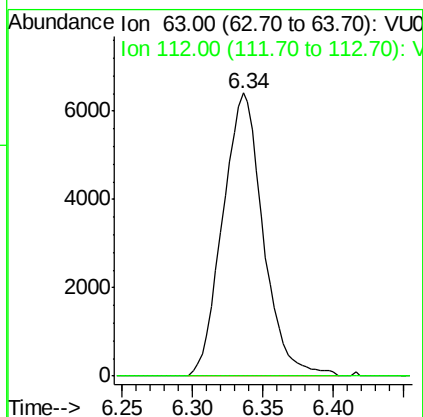
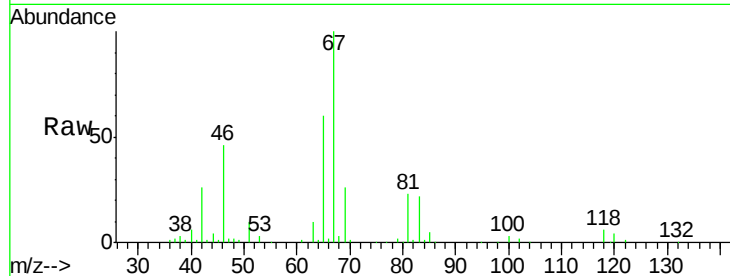
Ion 130.00 (129.70 to 130.70): V





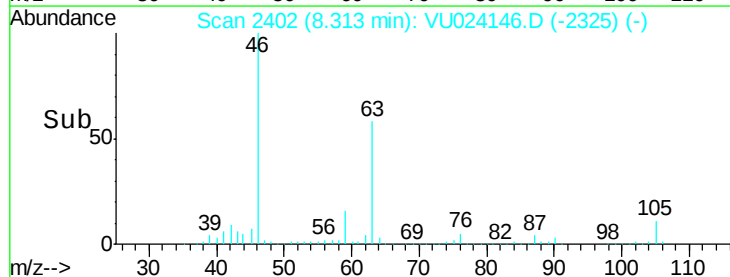
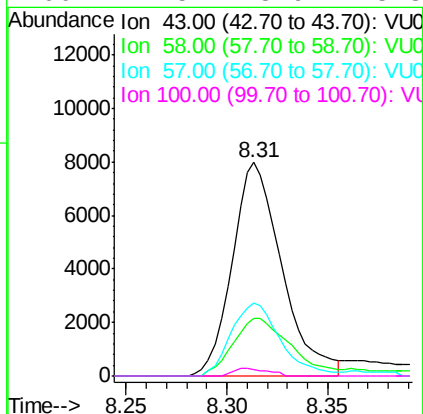
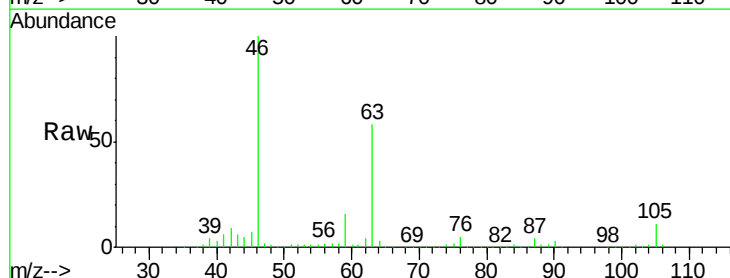
#37
 1,2-Dichloropropane
 Concen: 4.96 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU024146.D
 Acq: 26 May 2018 15:24

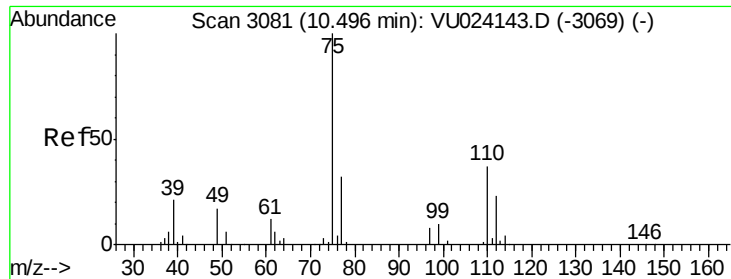
Tgt Ion: 63 Resp: 12858
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#48
 2-Hexanone
 Concen: 4.95 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU024146.D
 Acq: 26 May 2018 15:24

Tgt Ion: 43 Resp: 13720
 Ion Ratio Lower Upper
 43 100
 58 31.0 44.6 67.0#
 57 34.0 15.3 22.9#
 100 2.5 8.9 13.3#





#59

1,2,3-Trichloropropane

Concen: 3.42 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024146.D

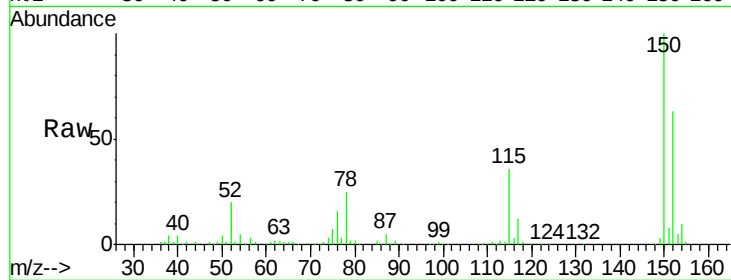
Acq: 26 May 2018 15:24

Tgt Ion: 75 Resp: 11084

Ion Ratio Lower Upper

75 100

77 37.1 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

