

Data File : VU031803.D
Acq On : 07 May 2019 14:40
Operator : JC/SP
Sample : K2694-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHK3

Quant Time: May 08 06:51:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 06:47:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	620467	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	602500	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217858	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	247295	47.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.24%
7) Chloroethane-d5	1.68	69	184817	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.12%
11) 1,1-Dichloroethene-d2	2.27	63	386925	37.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.84%
21) 2-Butanone-d5	4.18	46	524313	111.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.44%
24) Chloroform-d	4.64	84	457873	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.28%
26) 1,2-Dichloroethane-d4	5.31	65	331243	53.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.62%
32) Benzene-d6	5.34	84	886531	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
36) 1,2-Dichloropropane-d6	6.32	67	317782	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.64%
41) Toluene-d8	7.56	98	710225	44.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.14%
43) trans-1,3-Dichloropropene-	7.85	79	127861	45.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.52%
47) 2-Hexanone-d5	8.31	63	275702	97.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	401109	45.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	220655	48.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.32%

Target Compounds

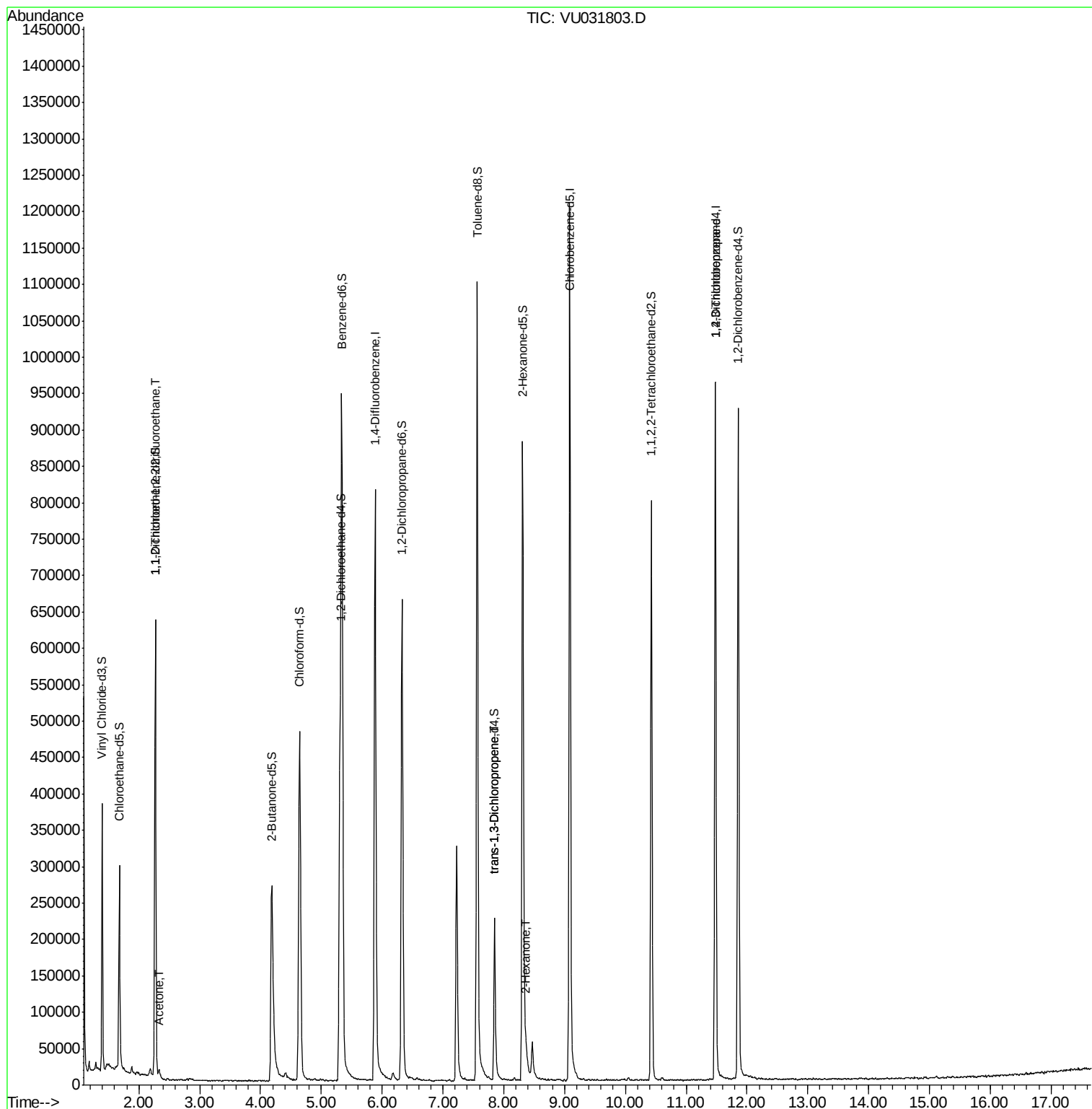
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2872	0.577 ug/L #	21
13) Acetone	2.34	43	5501	1.038 ug/L	86
44) trans-1,3-Dichloropropene	7.85	75	5776	0.766 ug/L	83
48) 2-Hexanone	8.37	43	23586	3.014 ug/L #	55
59) 1,2,3-Trichloropropane	11.48	75	33759	4.528 ug/L	93

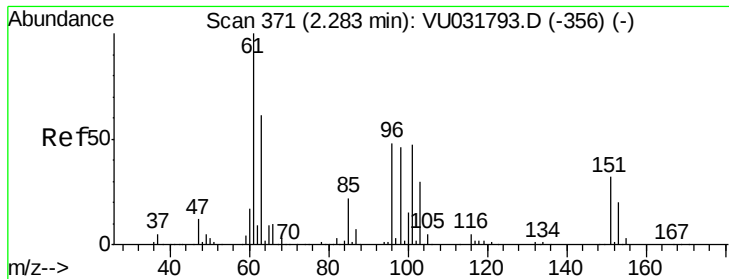
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.577 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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ClientSampleId :

BFHK3

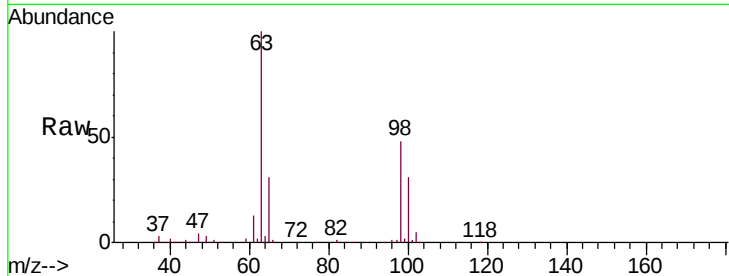
Tgt Ion: 101 Resp: 2872

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

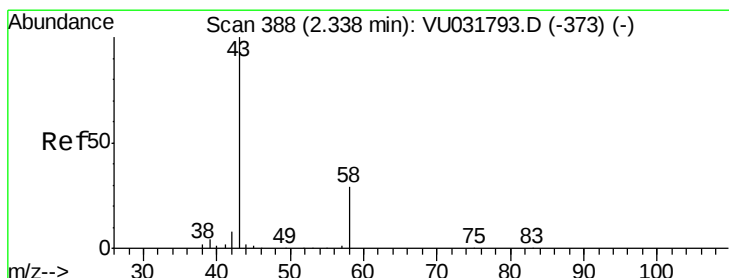
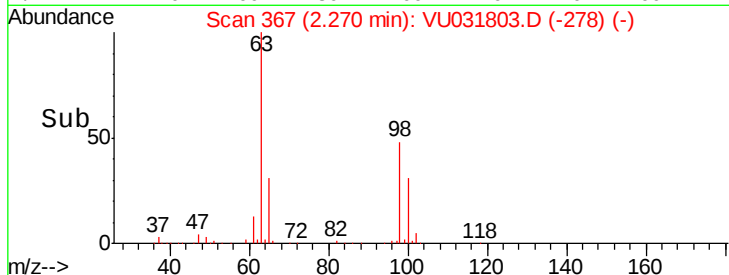
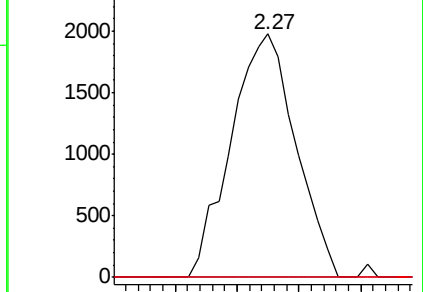
151 0.0 56.1 84.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.038 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.00 min

Lab File: VU031803.D

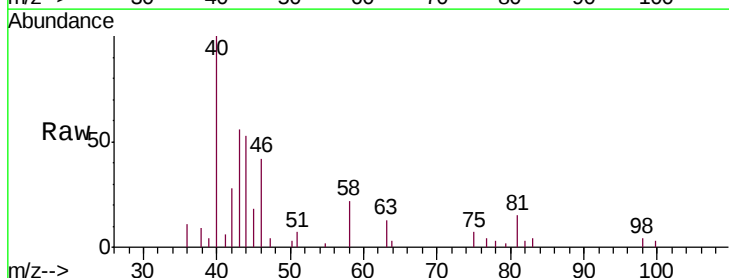
Acq: 07 May 2019 14:40

Tgt Ion: 43 Resp: 5501

Ion Ratio Lower Upper

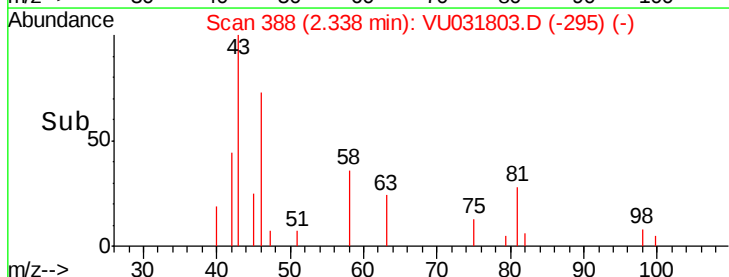
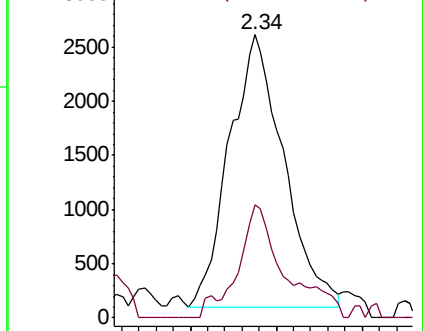
43 100

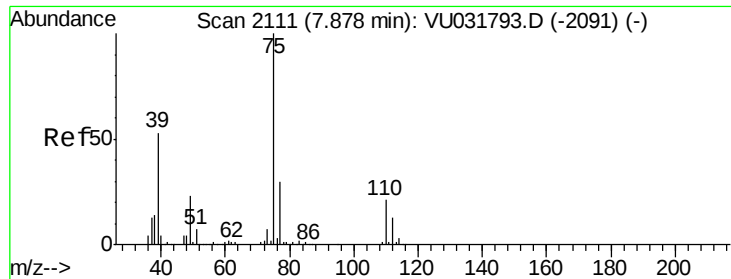
58 24.1 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

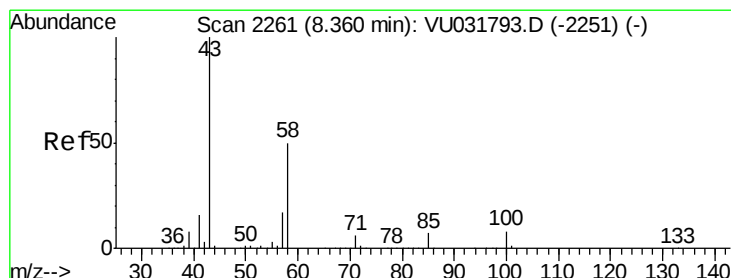
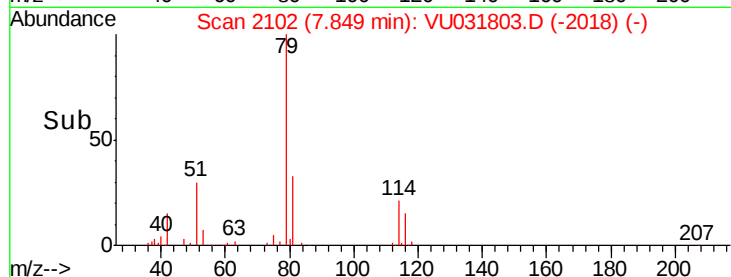
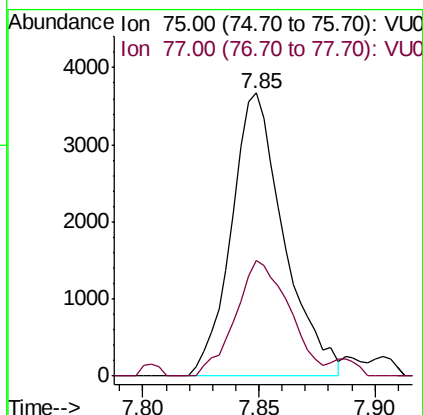
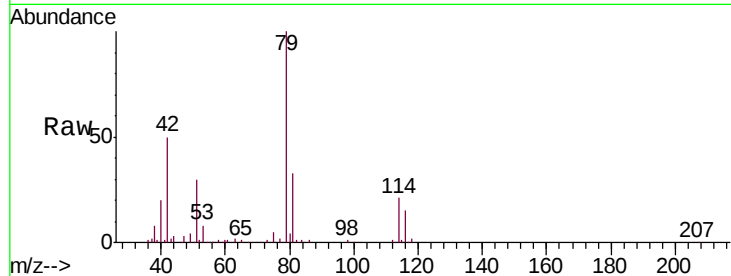




#44
trans-1,3-Dichloropropene
Concen: 0.766 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031803.D
Acq: 07 May 2019 14:40

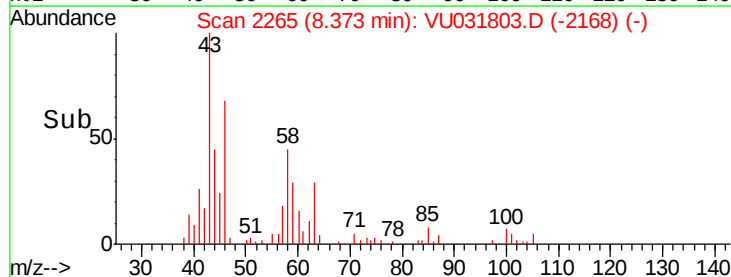
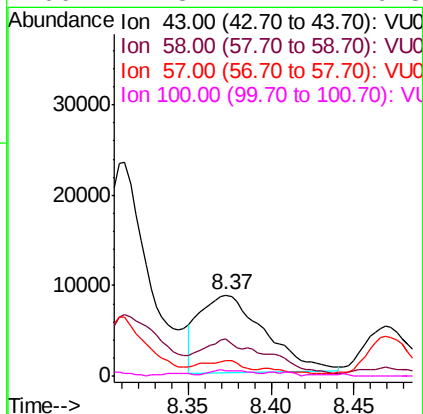
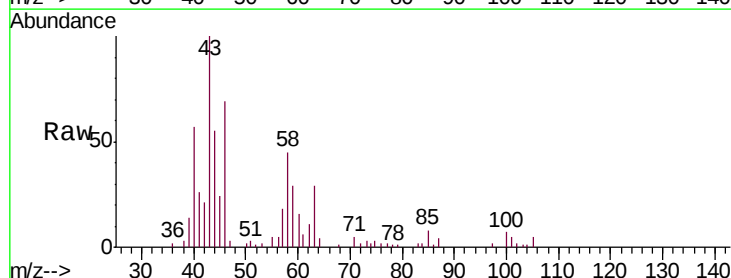
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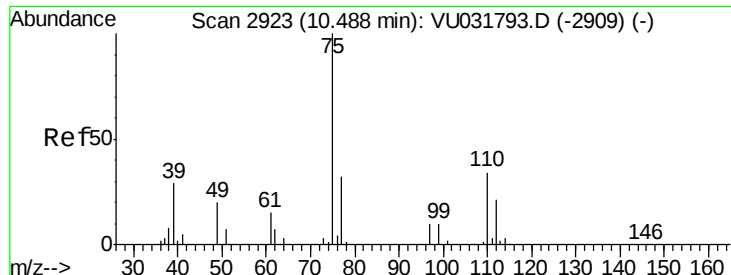
Tgt Ion: 75 Resp: 5776
Ion Ratio Lower Upper
75 100
77 40.8 22.1 41.1



#48
2-Hexanone
Concen: 3.014 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU031803.D
Acq: 07 May 2019 14:40

Tgt Ion: 43 Resp: 23586
Ion Ratio Lower Upper
43 100
58 9.5 42.1 63.1#
57 13.5 14.6 22.0#
100 1.8 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 4.528 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031803.D

Acq: 07 May 2019 14:40

Instrument :

MSVOA_U

ClientSampleId :

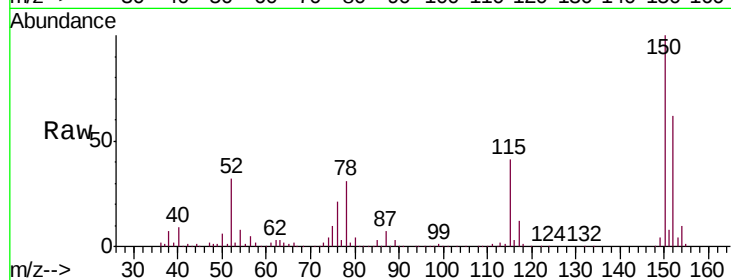
BFHK3

Tgt Ion: 75 Resp: 33759

Ion Ratio Lower Upper

75 100

77 36.3 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

