

Data File : VU034576.D
Acq On : 16 Sep 2019 19:42
Operator : JC/SP
Sample : K4867-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMK2

Quant Time: Sep 17 02:59:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 02:36:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	299773	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	276188	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	112956	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	69680	48.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.36%
7) Chloroethane-d5	1.67	69	58806	52.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.74%
11) 1,1-Dichloroethene-d2	2.26	63	111993	37.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.70%
21) 2-Butanone-d5	4.15	46	182420	111.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.86%
24) Chloroform-d	4.62	84	167885	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.26%
26) 1,2-Dichloroethane-d4	5.29	65	105032	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.86%
32) Benzene-d6	5.32	84	322494	53.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.31	67	120896	53.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.96%
41) Toluene-d8	7.54	98	302159	51.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.50%
43) trans-1,3-Dichloropropene-	7.83	79	55589	51.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.10%
47) 2-Hexanone-d5	8.29	63	130187	106.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.16%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	183847	52.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.10%
64) 1,2-Dichlorobenzene-d4	11.84	152	107293	53.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.50%

Target Compounds

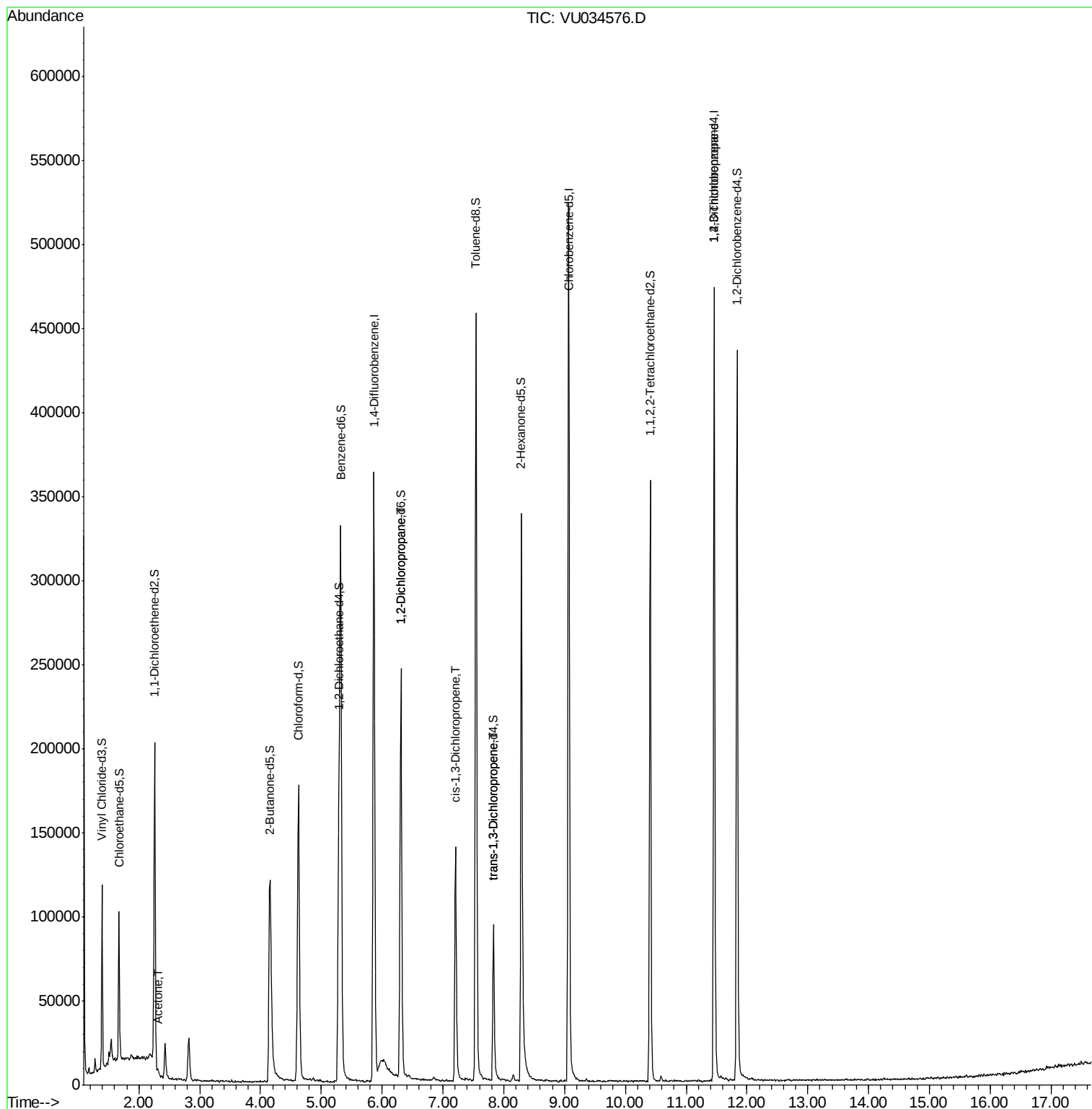
					Qvalue
13) Acetone	2.31	43	2330	1.590 ug/L	86
37) 1,2-Dichloropropane	6.31	63	12627	5.938 ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3830	1.199 ug/L #	62
44) trans-1,3-Dichloropropene	7.83	75	2871	0.980 ug/L	91
59) 1,2,3-Trichloropropane	11.46	75	18835	6.485 ug/L	100

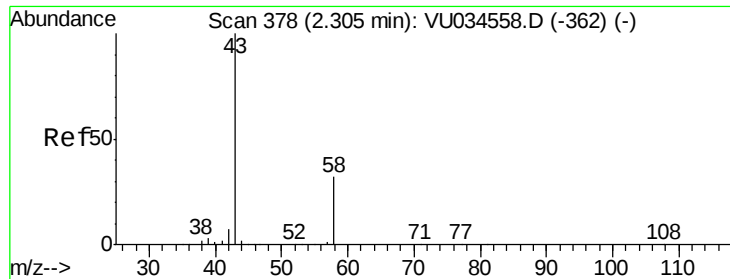
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.590 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VU034576.D

Acq: 16 Sep 2019 19:42

Instrument :

MSVOA_U

ClientSampleId :

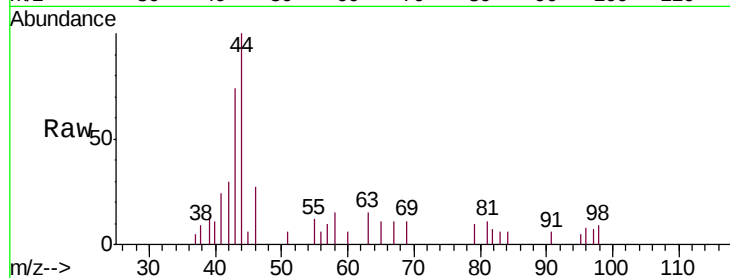
COMK2

Tgt Ion: 43 Resp: 2330

Ion Ratio Lower Upper

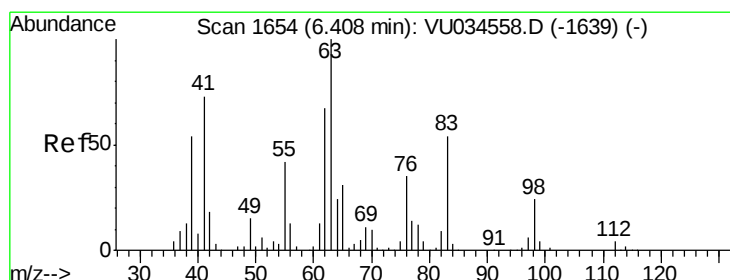
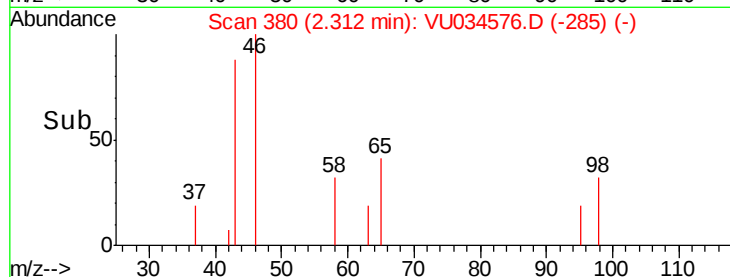
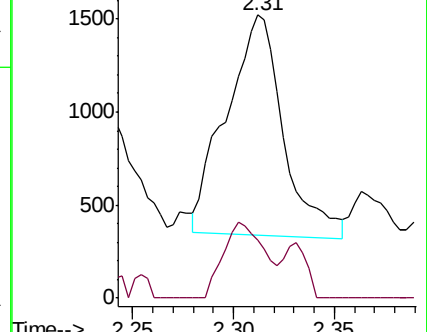
43 100

58 24.9 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU034558.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU034558.D (-362) (-)



#37

1,2-Dichloropropane

Concen: 5.938 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU034576.D

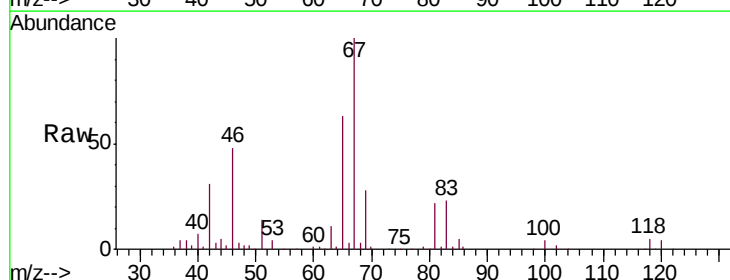
Acq: 16 Sep 2019 19:42

Tgt Ion: 63 Resp: 12627

Ion Ratio Lower Upper

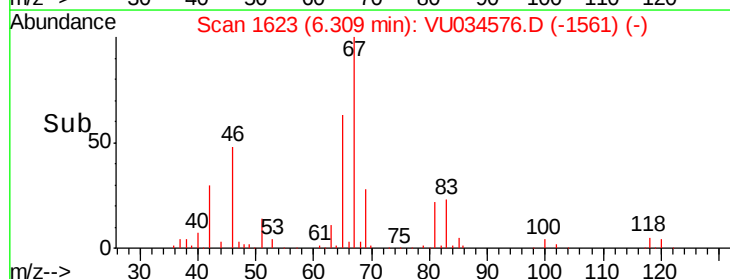
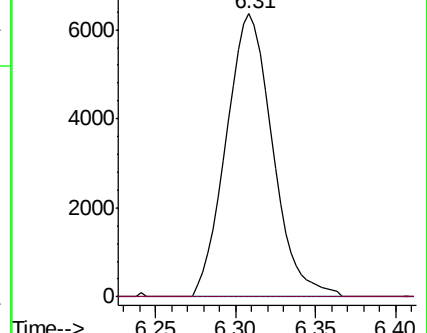
63 100

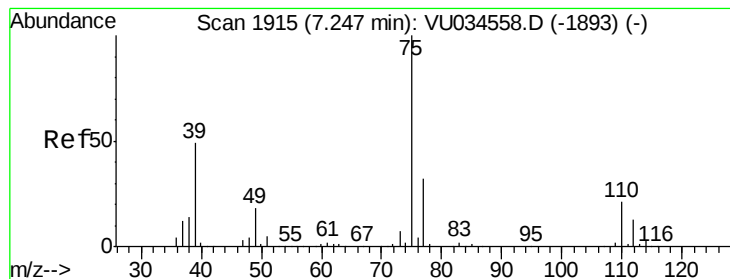
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU034558.D (-1639) (-)

Ion 112.00 (111.70 to 112.70): VU034558.D (-1639) (-)



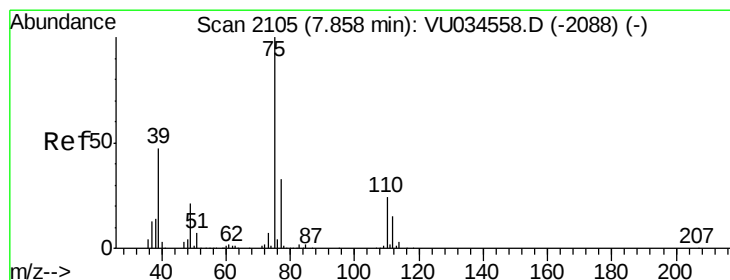
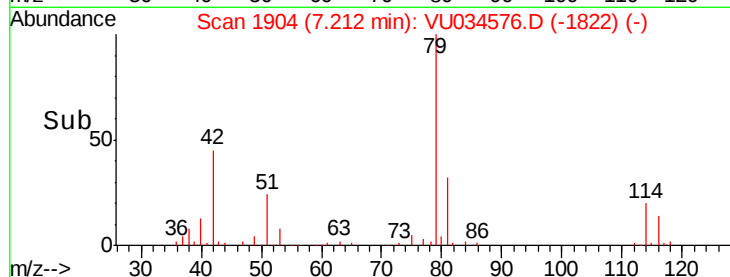
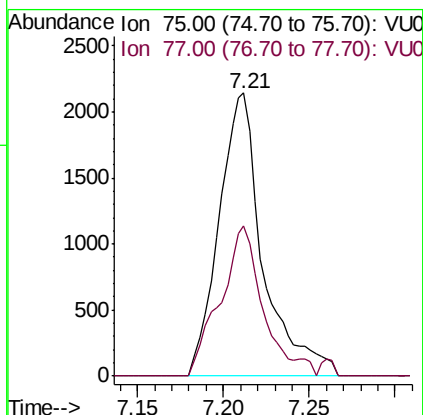
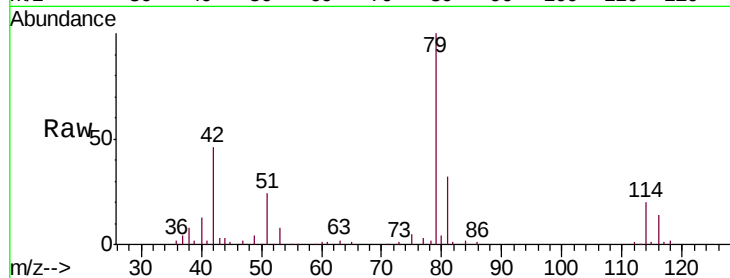


#39

cis-1,3-Dichloropropene
 Concen: 1.199 ug/L
 RT: 7.21 min Scan# 1904
 Delta R.T. -0.04 min
 Lab File: VU034576.D
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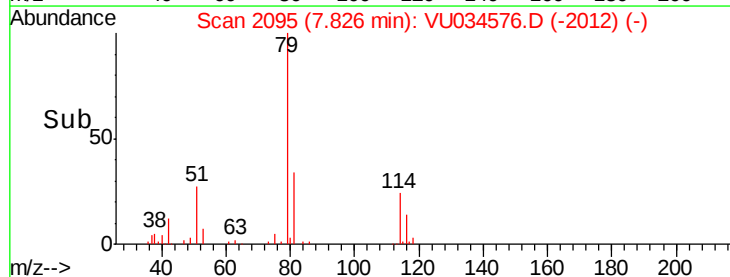
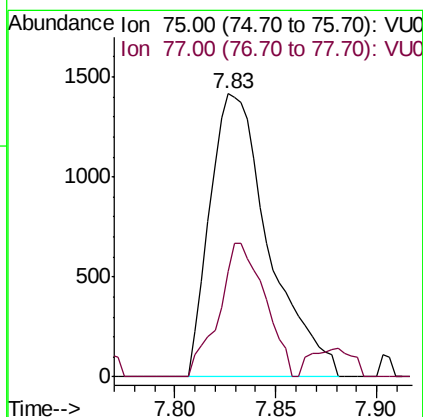
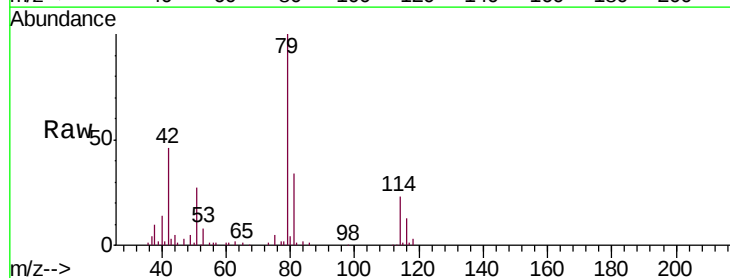
Tgt Ion: 75 Resp: 3830
 Ion Ratio Lower Upper
 75 100
 77 53.1 22.3 41.3#

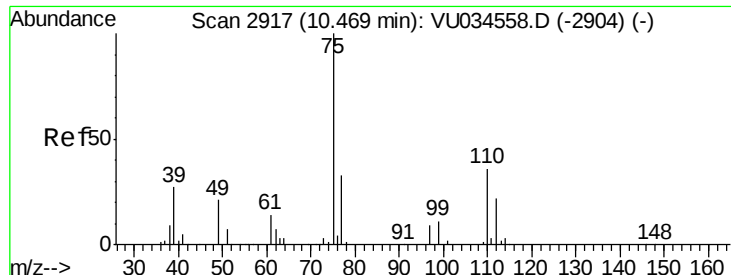


#44

trans-1,3-Dichloropropene
 Concen: 0.980 ug/L
 RT: 7.83 min Scan# 2095
 Delta R.T. -0.03 min
 Lab File: VU034576.D
 Acq: 16 Sep 2019 19:42

Tgt Ion: 75 Resp: 2871
 Ion Ratio Lower Upper
 75 100
 77 37.5 22.9 42.5





#59

1,2,3-Trichloropropane

Concen: 6.485 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034576.D

Acq: 16 Sep 2019 19:42

Instrument :

MSVOA_U

ClientSampleId :

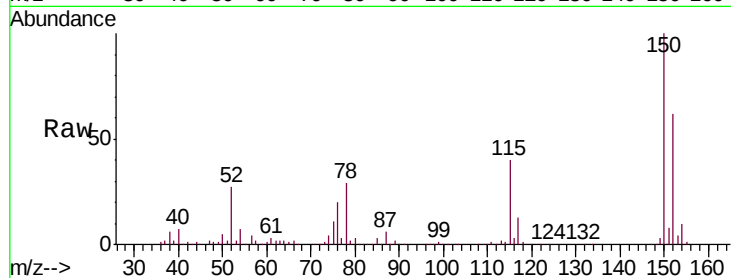
COMK2

Tgt Ion: 75 Resp: 18835

Ion Ratio Lower Upper

75 100

77 32.4 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

