

Data File : VU037045.D
Acq On : 04 Mar 2020 17:48
Operator : JC/MD
Sample : L1784-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AZ1

Quant Time: Mar 05 01:00:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 00:57:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	228215	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	216672	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	77395	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91380	47.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.36%
7) Chloroethane-d5	1.93	69	88340	55.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.42%
11) 1,1-Dichloroethene-d2	2.59	63	121355	37.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.62%
21) 2-Butanone-d5	4.67	46	151031	117.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.48%
24) Chloroform-d	5.11	84	161215	55.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.18%
26) 1,2-Dichloroethane-d4	5.74	65	112900	57.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.00%
32) Benzene-d6	5.76	84	347382	55.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.88%
36) 1,2-Dichloropropane-d6	6.72	67	115682	56.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.98%
41) Toluene-d8	7.93	98	306870	52.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.58%
43) trans-1,3-Dichloropropene-	8.21	79	45319	48.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.08%
47) 2-Hexanone-d5	8.66	63	97683	98.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.41%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	155612	54.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.74%
64) 1,2-Dichlorobenzene-d4	12.21	152	91678	60.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.20%#

Target Compounds

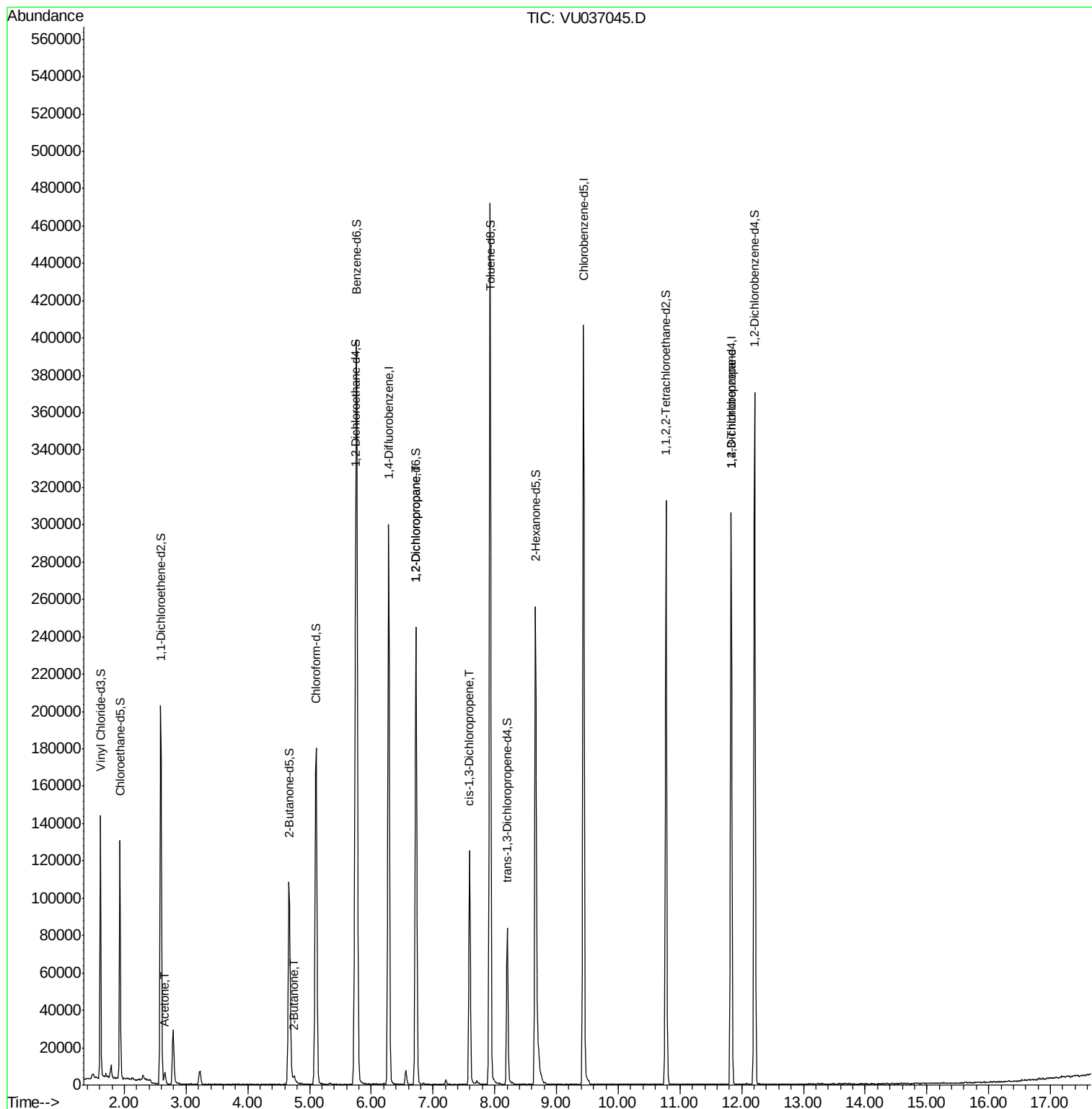
					Qvalue
13) Acetone	2.66	43	6802	5.144 ug/L	99
22) 2-Butanone	4.76	43	4947	3.102 ug/L	75
37) 1,2-Dichloropropane	6.73	63	11939	6.478 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3012	1.061 ug/L #	71
59) 1,2,3-Trichloropropane	11.83	75	11557	4.874 ug/L	96

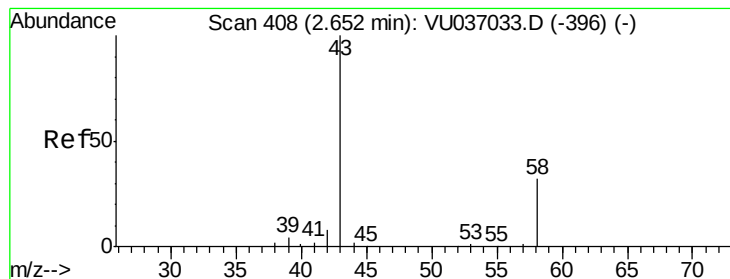
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.144 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037045.D

Acq: 04 Mar 2020 17:48

Instrument :

MSVOA_U

ClientSampleId :

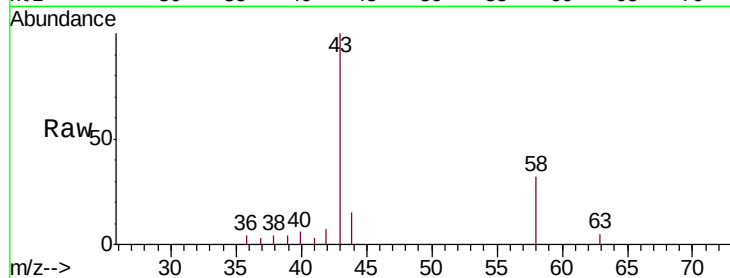
C0AZ1

Tgt Ion: 43 Resp: 6802

Ion Ratio Lower Upper

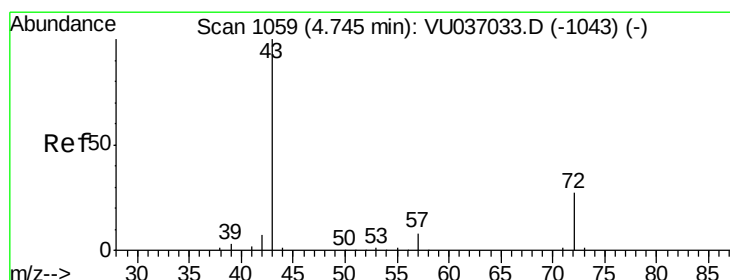
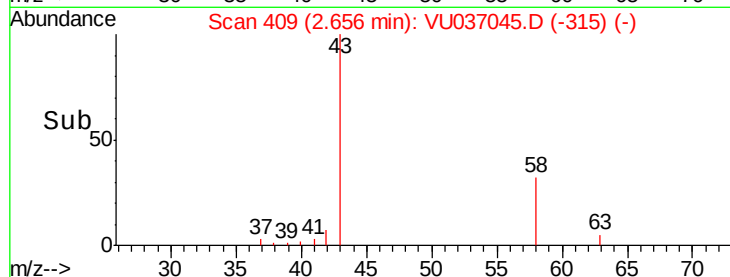
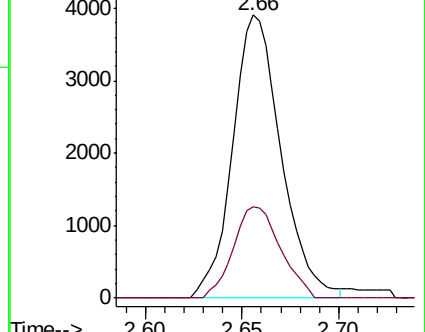
43 100

58 31.5 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037033.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VU037033.D (-396) (-)



#22

2-Butanone

Concen: 3.102 ug/L

RT: 4.76 min Scan# 1062

Delta R.T. 0.01 min

Lab File: VU037045.D

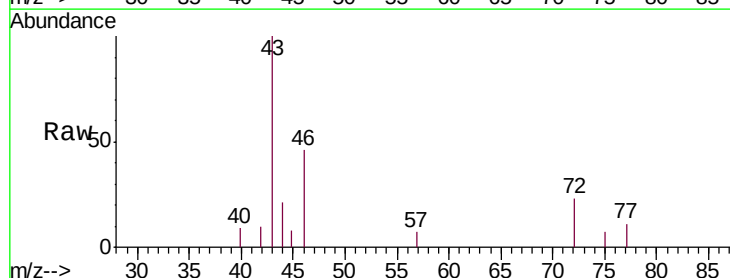
Acq: 04 Mar 2020 17:48

Tgt Ion: 43 Resp: 4947

Ion Ratio Lower Upper

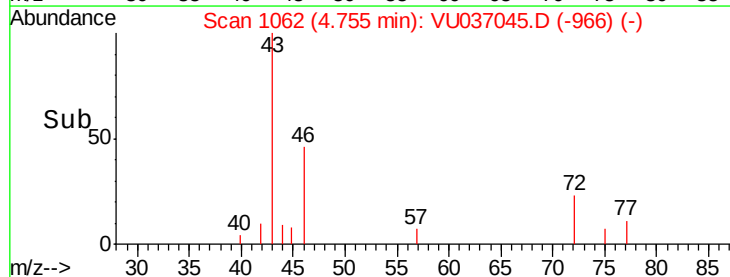
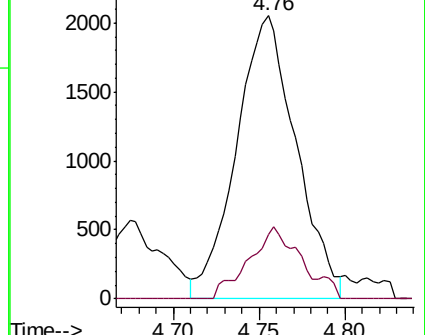
43 100

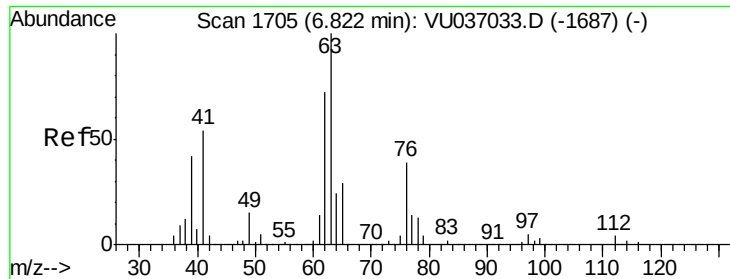
72 14.8 13.9 41.6



Abundance Ion 43.00 (42.70 to 43.70): VU037033.D (-1043) (-)

Ion 72.00 (71.70 to 72.70): VU037033.D (-1043) (-)

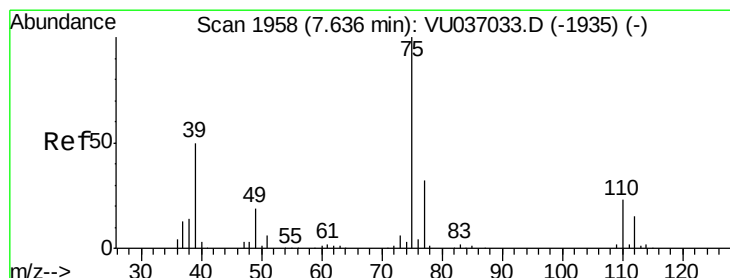
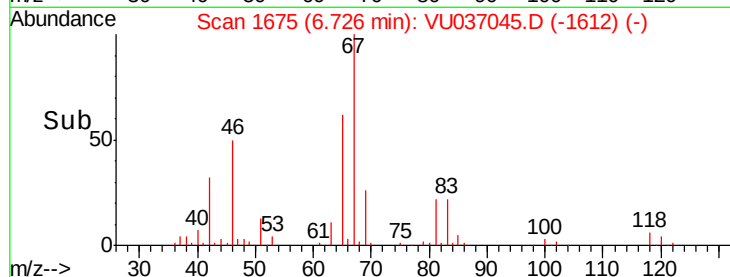
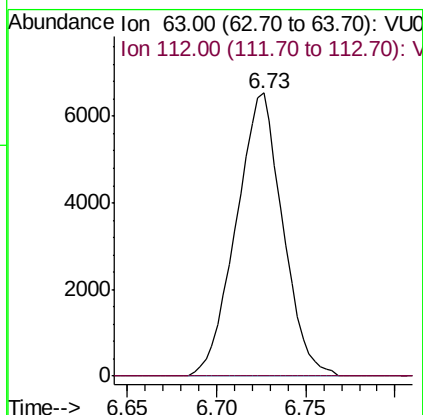
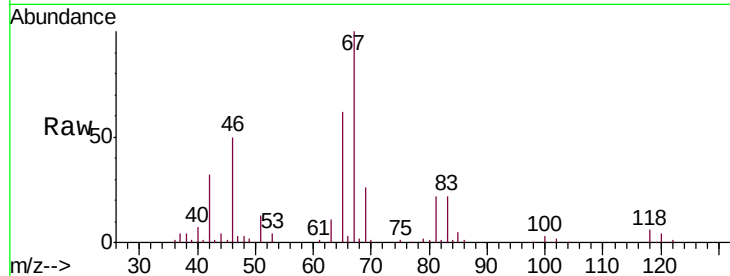




#37
 1,2-Dichloropropane
 Concen: 6.478 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU037045.D
 Acq: 04 Mar 2020 17:48

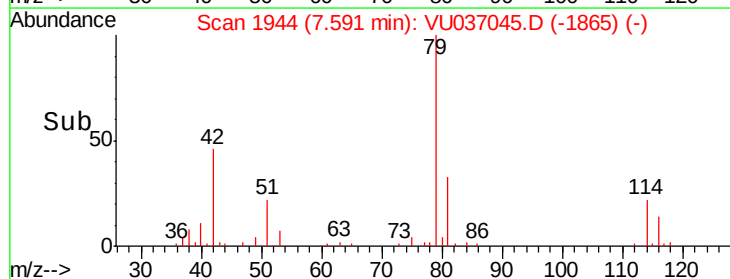
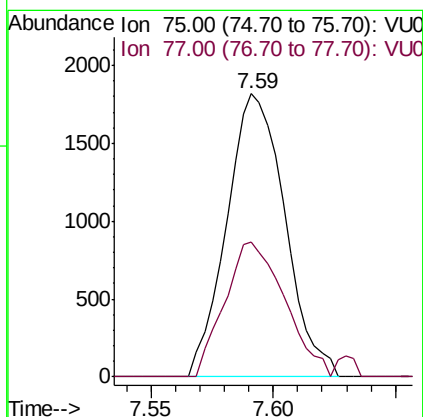
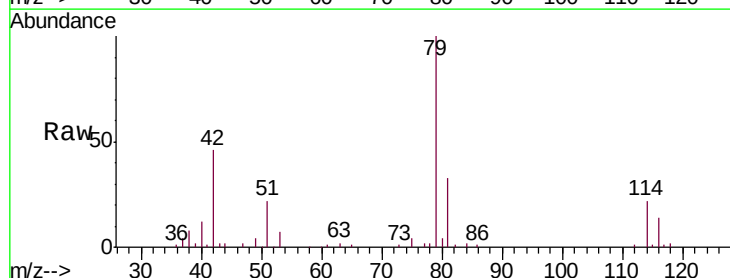
Instrument :
 MSVOA_U
 ClientSampled :
 C0AZ1

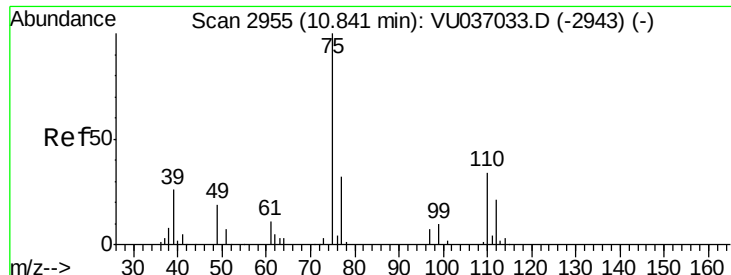
Tgt Ion: 63 Resp: 11939
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.061 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037045.D
 Acq: 04 Mar 2020 17:48

Tgt Ion: 75 Resp: 3012
 Ion Ratio Lower Upper
 75 100
 77 47.7 22.0 41.0#





#59

1,2,3-Trichloropropane

Concen: 4.874 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037045.D

Acq: 04 Mar 2020 17:48

Instrument :

MSVOA_U

ClientSampleId :

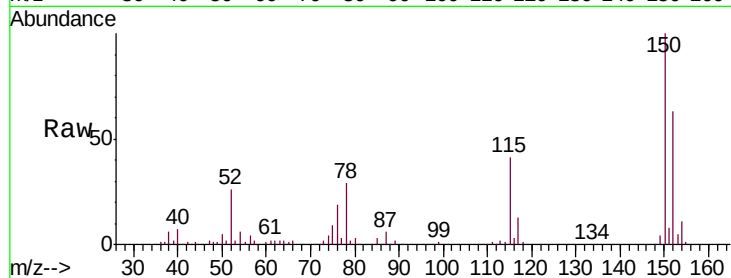
C0AZ1

Tgt Ion: 75 Resp: 11557

Ion Ratio Lower Upper

75 100

77 34.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

