

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071618\
 Data File : VU025426.D
 Acq On : 16 Jul 2018 15:58
 Operator : MD/SY
 Sample : J3938-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEMG8

Quant Time: Jul 17 02:27:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 17 02:25:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	348012	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	314992	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	142772	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85292	45.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.16%
7) Chloroethane-d5	1.68	69	72901	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.90%
11) 1,1-Dichloroethene-d2	2.27	63	131056	32.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.82%
21) 2-Butanone-d5	4.18	46	197053	104.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.22%
24) Chloroform-d	4.65	84	200569	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.36%
26) 1,2-Dichloroethane-d4	5.31	65	141367	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.32%
32) Benzene-d6	5.35	84	380613	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.34	67	129695	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.32%
41) Toluene-d8	7.57	98	364772	46.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.82%
43) trans-1,3-Dichloropropene-	7.85	79	59498	45.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.62%
47) 2-Hexanone-d5	8.31	63	148777	108.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.95%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	189473	48.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.42%
64) 1,2-Dichlorobenzene-d4	11.87	152	146002	48.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.88%

Target Compounds

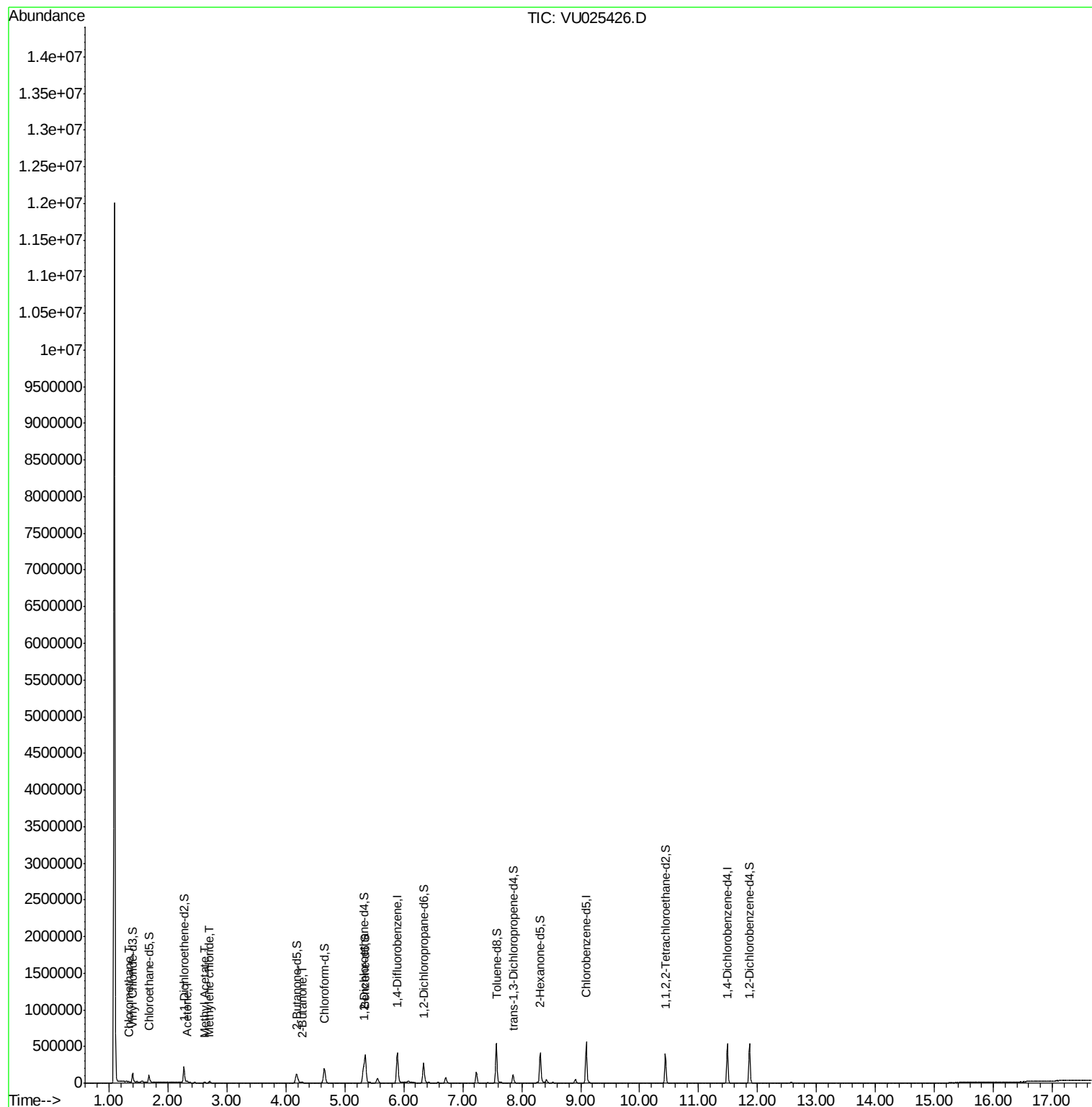
					Qvalue
3) Chloromethane	1.33	50	5070	1.556 ug/L	99
13) Acetone	2.32	43	18987	9.539 ug/L	96
15) Methyl Acetate	2.62	43	7439	2.514 ug/L	93
16) Methylene chloride	2.70	84	9477	3.586 ug/L	98
22) 2-Butanone	4.27	43	3613	1.507 ug/L	81

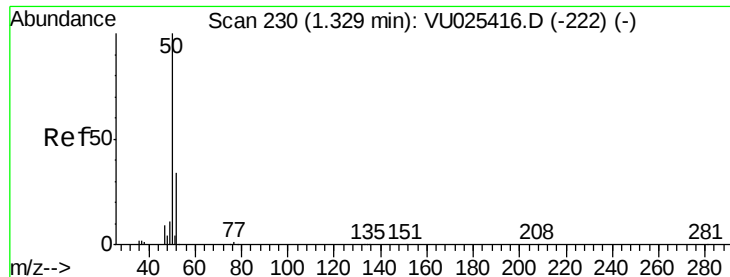
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.556 ug/L

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025426.D

Acq: 16 Jul 2018 15:58

Instrument :

MSVOA_U

ClientSampleId :

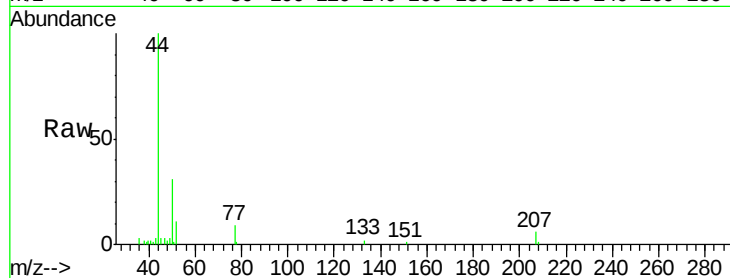
BEMG8

Tgt Ion: 50 Resp: 5070

Ion Ratio Lower Upper

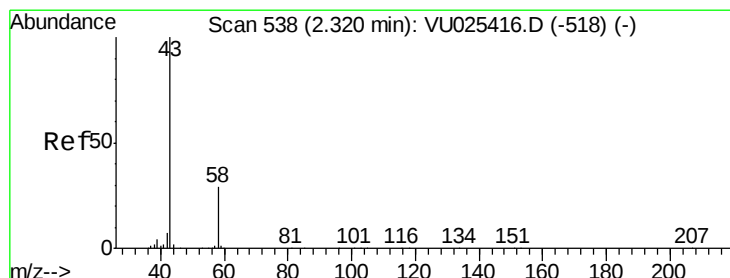
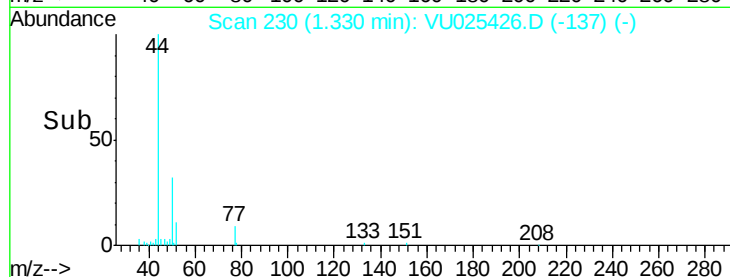
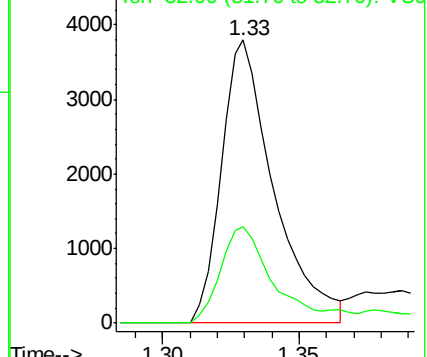
50 100

52 34.2 23.5 43.7



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#13

Acetone

Concen: 9.539 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025426.D

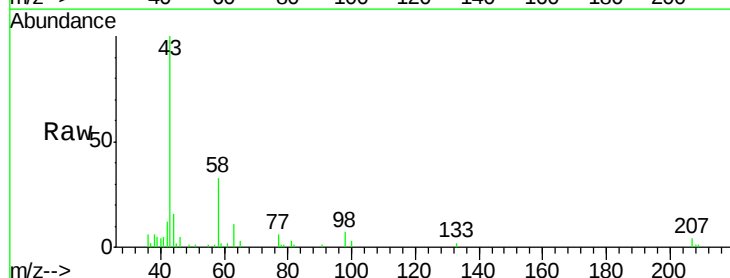
Acq: 16 Jul 2018 15:58

Tgt Ion: 43 Resp: 18987

Ion Ratio Lower Upper

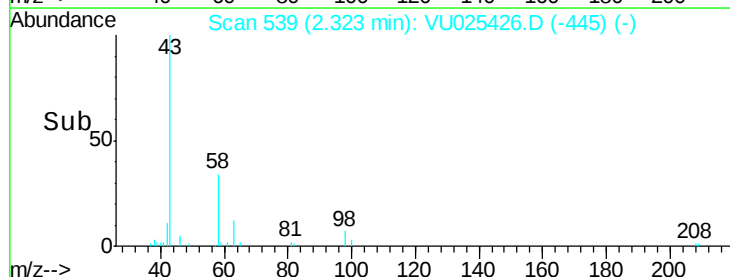
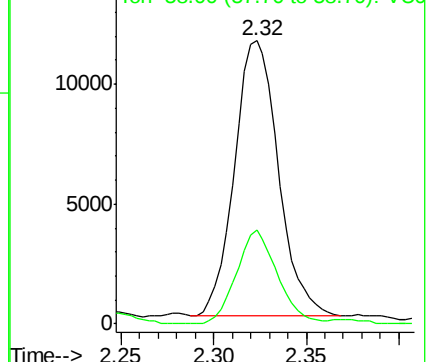
43 100

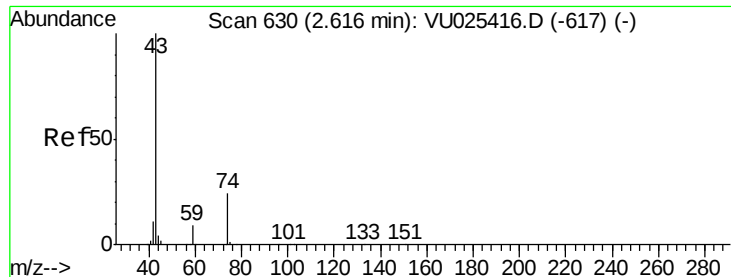
58 31.5 0.0 58.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

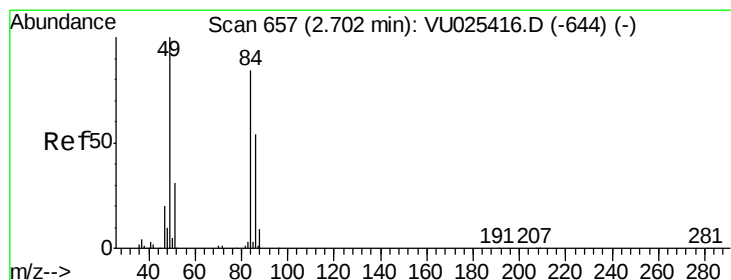
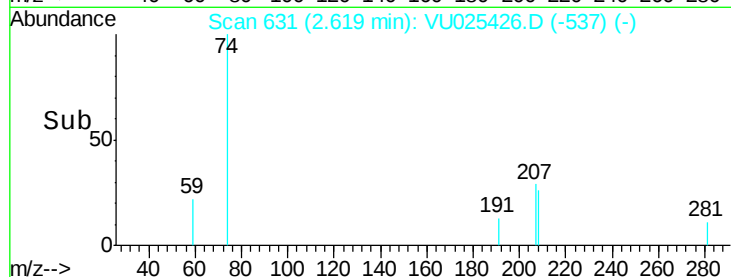
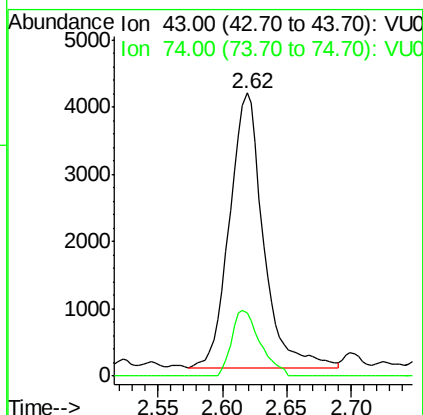
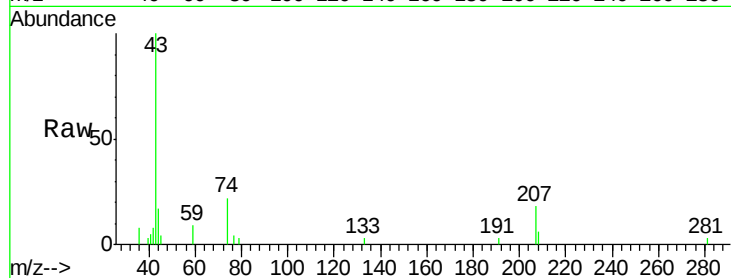




#15
Methyl Acetate
Concen: 2.514 ug/L
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025426.D
Acq: 16 Jul 2018 15:58

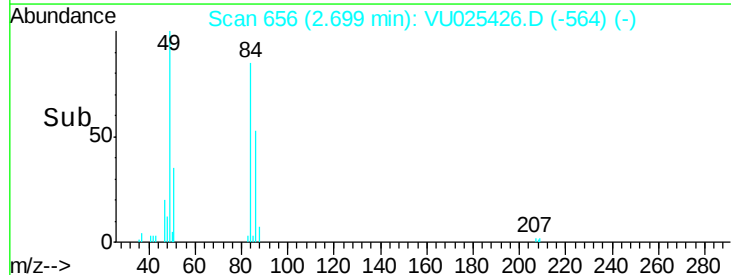
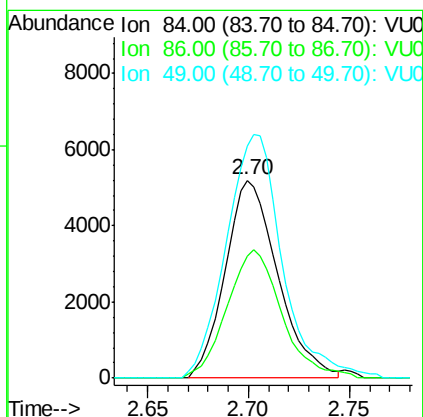
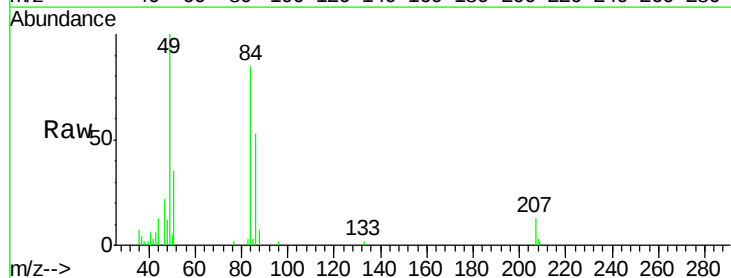
Instrument :
MSVOA_U
ClientSampleId :
BEMG8

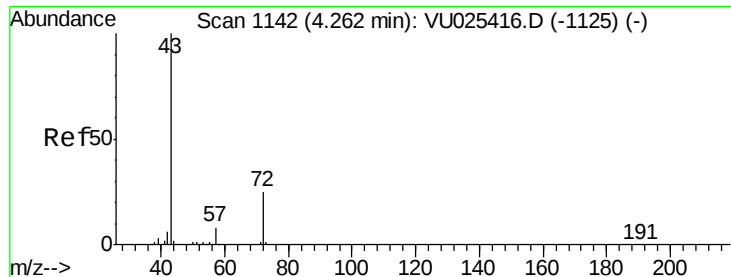
Tgt Ion: 43 Resp: 7439
Ion Ratio Lower Upper
43 100
74 20.2 18.8 28.2



#16
Methylene chloride
Concen: 3.586 ug/L
RT: 2.70 min Scan# 656
Delta R.T. -0.00 min
Lab File: VU025426.D
Acq: 16 Jul 2018 15:58

Tgt Ion: 84 Resp: 9477
Ion Ratio Lower Upper
84 100
86 61.8 45.2 84.0
49 117.4 83.6 155.2





#22

2-Butanone

Concen: 1.507 ug/L

RT: 4.27 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VU025426.D

Acq: 16 Jul 2018 15:58

Instrument :

MSVOA_U

ClientSampleId :

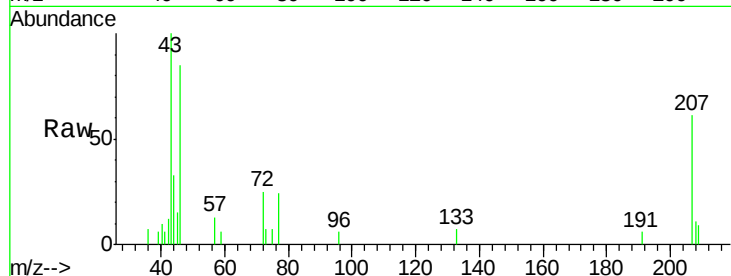
BEMG8

Tgt Ion: 43 Resp: 3613

Ion Ratio Lower Upper

43 100

72 16.9 13.3 39.9



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

