

Data File : VV010108.D
Acq On : 04 Apr 2019 14:38
Operator : SY/MD
Sample : VV0404SBL01
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK83

Quant Time: Apr 04 16:12:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:01:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	286474	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	273870	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	127419	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80469	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.92%
7) Chloroethane-d5	1.57	69	95239	19.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.96%
10) 1,1-Dichloroethene-d2	2.13	63	158392	16.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.48%
20) 2-Butanone-d5	3.94	46	46927	43.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.00%
24) Chloroform-d	4.40	84	163503	22.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.08	65	96501	23.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.60%
29) Benzene-d6	5.10	84	336853	23.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.88%
33) 1,2-Dichloropropane-d6	6.12	67	98423	23.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.92%
37) Toluene-d8	7.36	98	313808	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.72%
38) trans-1,3-Dichloropropene-	7.66	79	37673	21.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.12%
39) 2-Hexanone-d5	8.13	63	37204	44.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.52%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	91889	22.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	118437	23.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.44%

Target Compounds

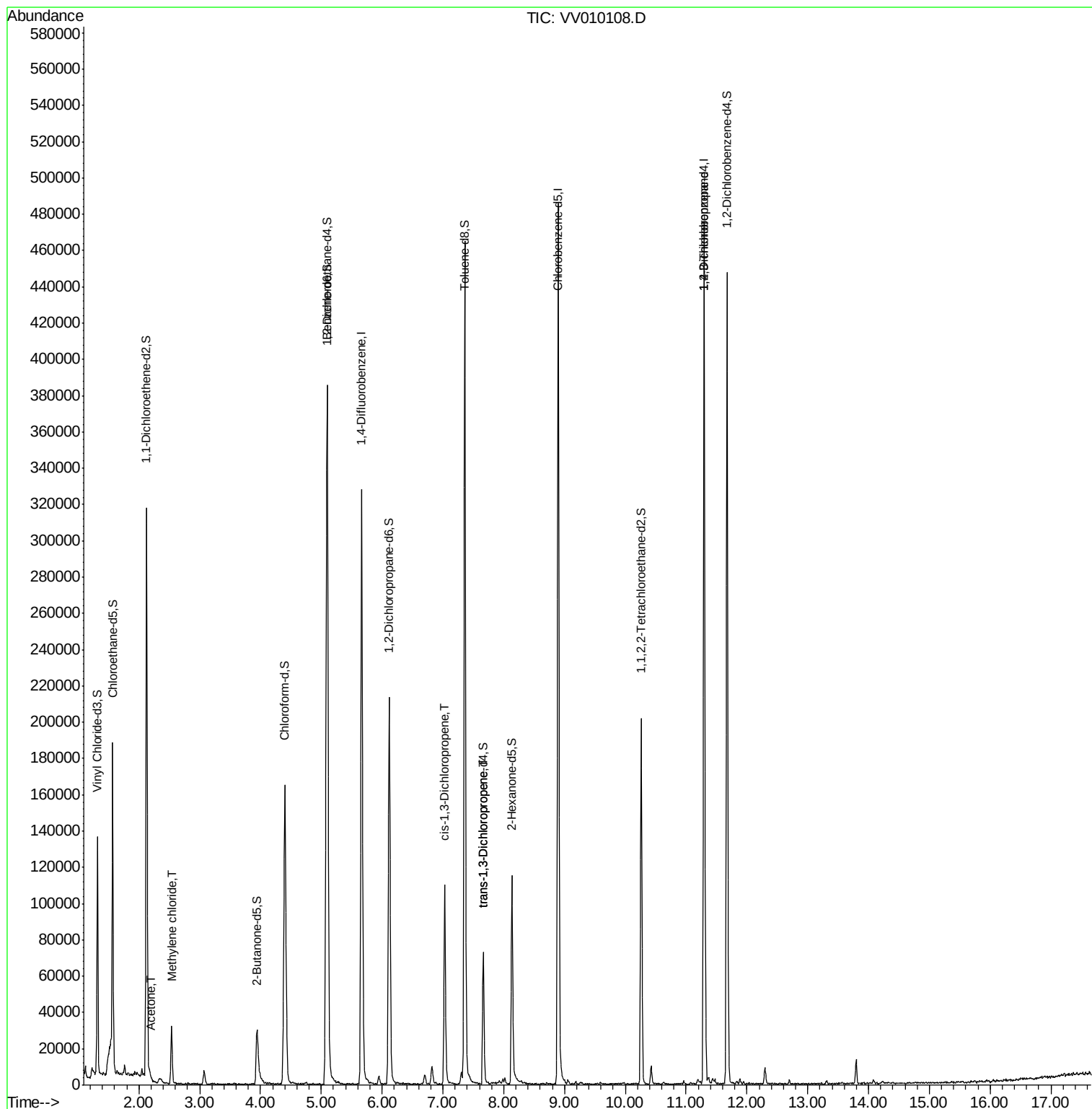
					Qvalue
13) Acetone	2.20	43	1155	1.070 ug/L	72
16) Methylene chloride	2.54	84	13621	2.706 ug/L	91
42) cis-1,3-Dichloropropene	7.03	75	3343	0.682 ug/L	83
45) trans-1,3-Dichloropropene	7.66	75	2041	0.490 ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	15657	5.666 ug/L	93

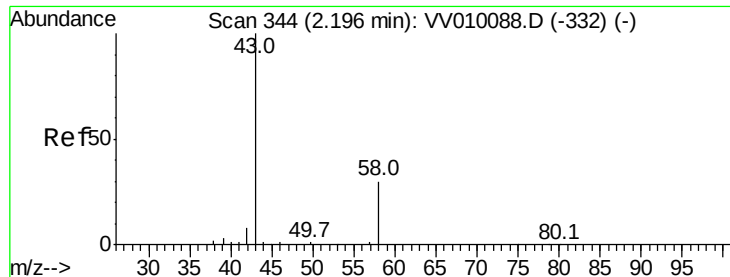
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.070 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

Lab File: VV010108.D

Acq: 04 Apr 2019 14:38

Instrument :

MSVOA_V

ClientSampleId :

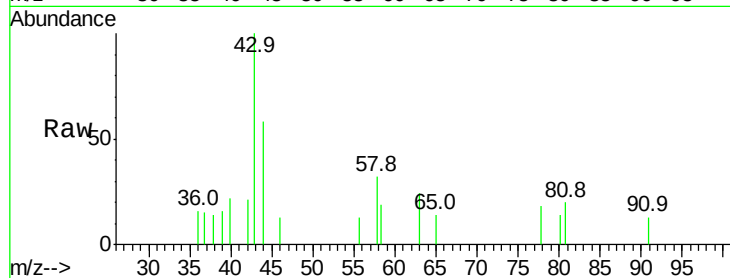
VBLK83

Tgt Ion: 43 Resp: 1155

Ion Ratio Lower Upper

43 100

58 16.7 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010108.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010108.D (-332) (-)

2.20

800

600

400

200

0

Time-->

2.15

2.20

2.25

2.30

2.35

2.40

2.45

2.50

2.55

2.60

2.65

2.70

2.75

2.80

2.85

2.90

2.95

3.00

3.05

3.10

3.15

3.20

3.25

3.30

3.35

3.40

3.45

3.50

3.55

3.60

3.65

3.70

3.75

3.80

3.85

3.90

3.95

4.00

4.05

4.10

4.15

4.20

4.25

4.30

4.35

4.40

4.45

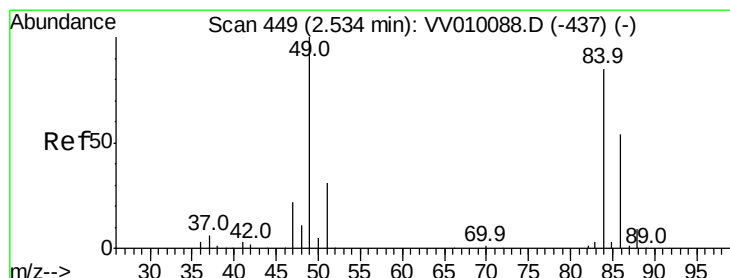
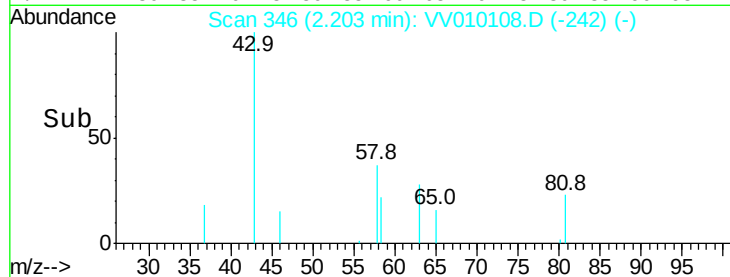
4.50

4.55

4.60

4.65

4.70



#16

Methylene chloride

Concen: 2.706 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

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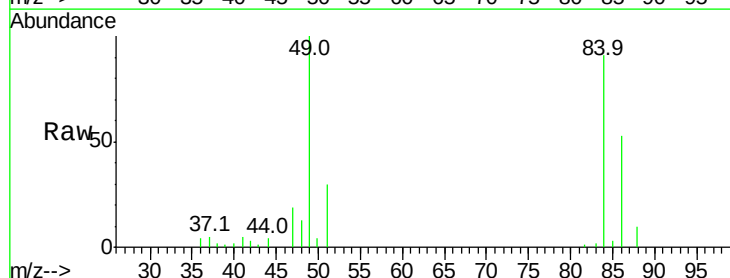
Tgt Ion: 84 Resp: 13621

Ion Ratio Lower Upper

84 100

49 109.8 84.3 156.5

86 58.4 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV010108.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010108.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010108.D (-437) (-)

2.54

12000

10000

8000

6000

4000

2000

0

Time-->

2.50

2.55

2.60

2.65

2.70

2.75

2.80

2.85

2.90

2.95

3.00

3.05

3.10

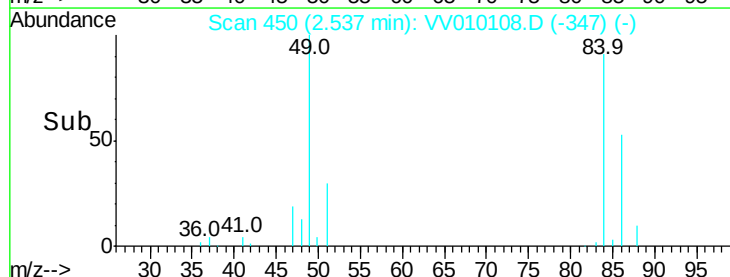
3.15

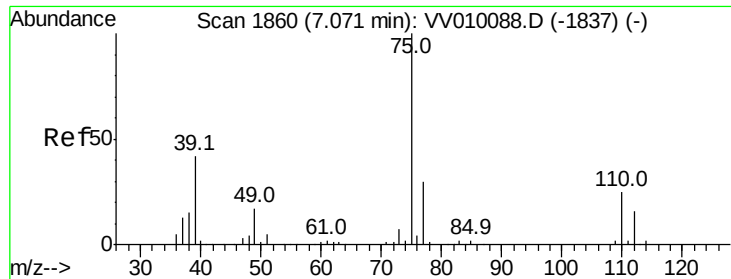
3.20

3.25

3.30

3.35



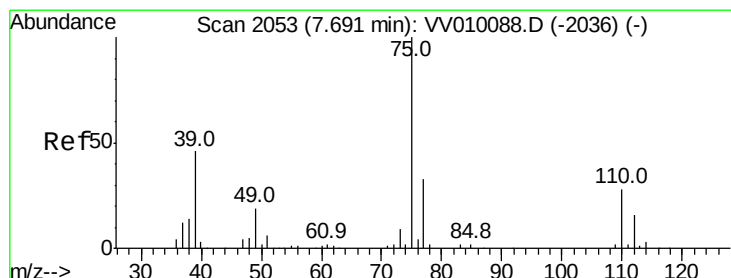
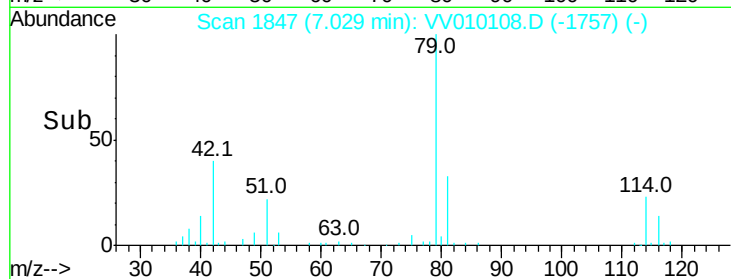
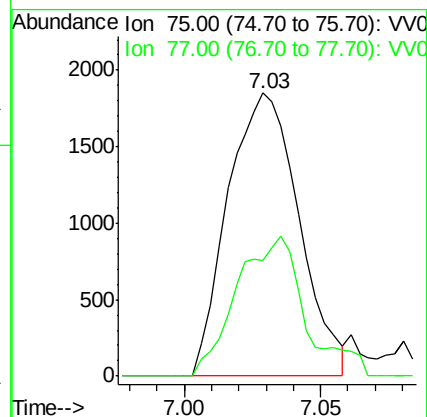
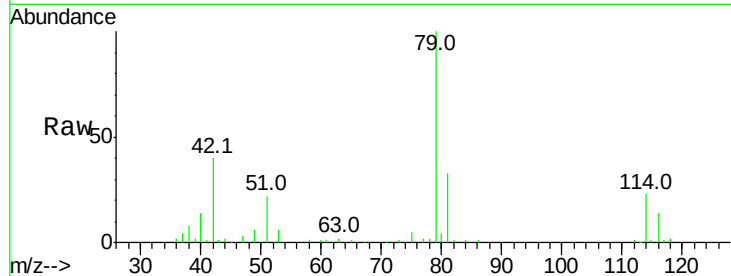


#42

cis-1,3-Dichloropropene
Concen: 0.682 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010108.D
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Instrument :
MSVOA_V
ClientSampled :
VBLK83

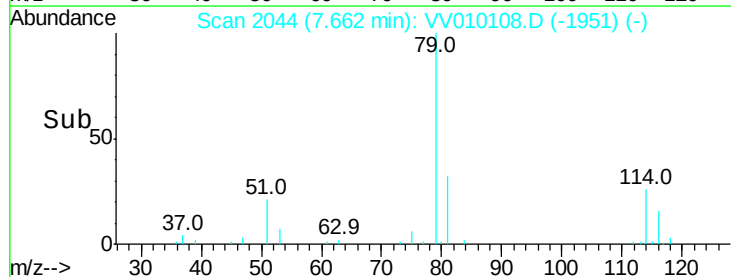
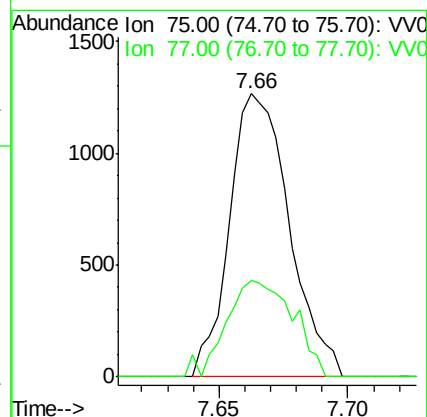
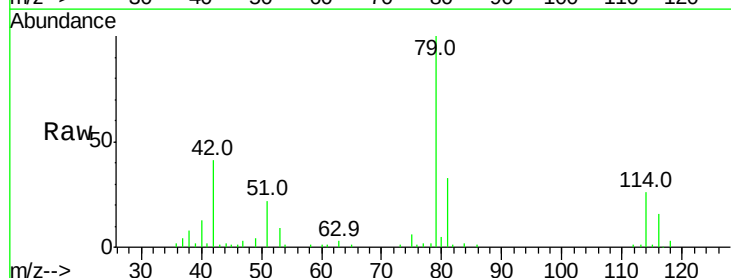
Tgt Ion: 75 Resp: 3343
Ion Ratio Lower Upper
75 100
77 41.0 22.1 41.1

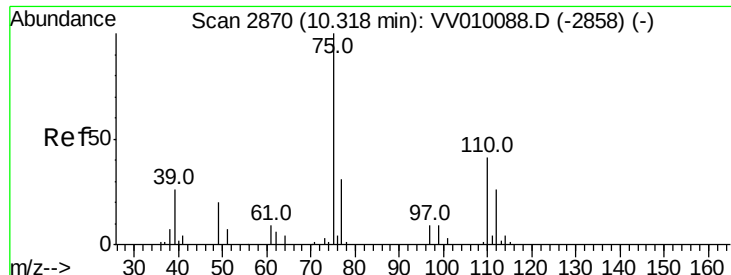


#45

trans-1,3-Dichloropropene
Concen: 0.490 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV010108.D
Acq: 04 Apr 2019 14:38

Tgt Ion: 75 Resp: 2041
Ion Ratio Lower Upper
75 100
77 34.2 23.5 43.7





#59

1,2,3-Trichloropropane

Concen: 5.666 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010108.D

Acq: 04 Apr 2019 14:38

Instrument :

MSVOA_V

ClientSampleId :

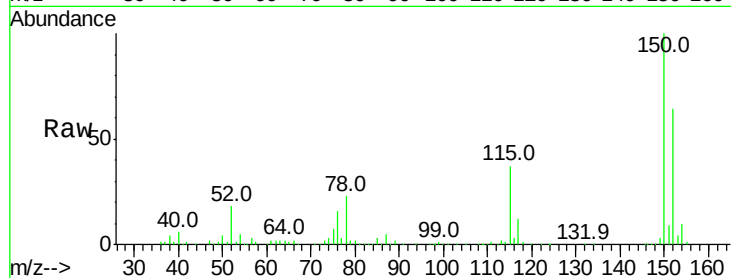
VBLK83

Tgt Ion: 75 Resp: 15657

Ion Ratio Lower Upper

75 100

77 36.4 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

