

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
 Data File : VV017972.D
 Acq On : 13 Aug 2020 15:23
 Operator : SY/MD
 Sample : L3644-17DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L99DL

Quant Time: Aug 14 05:06:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 14 04:14:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	254958	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	261161	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	123509	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	83519	42.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.86%
7) Chloroethane-d5	1.58	69	73470	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.32%
11) 1,1-Dichloroethene-d2	2.12	63	129591	34.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.66%
21) 2-Butanone-d5	3.91	46	147890	116.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.07%
24) Chloroform-d	4.38	84	167072	47.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.36%
26) 1,2-Dichloroethane-d4	5.06	65	115183	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.16%
32) Benzene-d6	5.08	84	329790	45.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.64%
36) 1,2-Dichloropropane-d6	6.09	67	111242	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.56%
41) Toluene-d8	7.34	98	296934	45.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.74%
43) trans-1,3-Dichloropropene-	7.64	79	44050	41.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.54%
47) 2-Hexanone-d5	8.11	63	81526	107.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.97%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	148615	48.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	122583	50.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.86%

Target Compounds

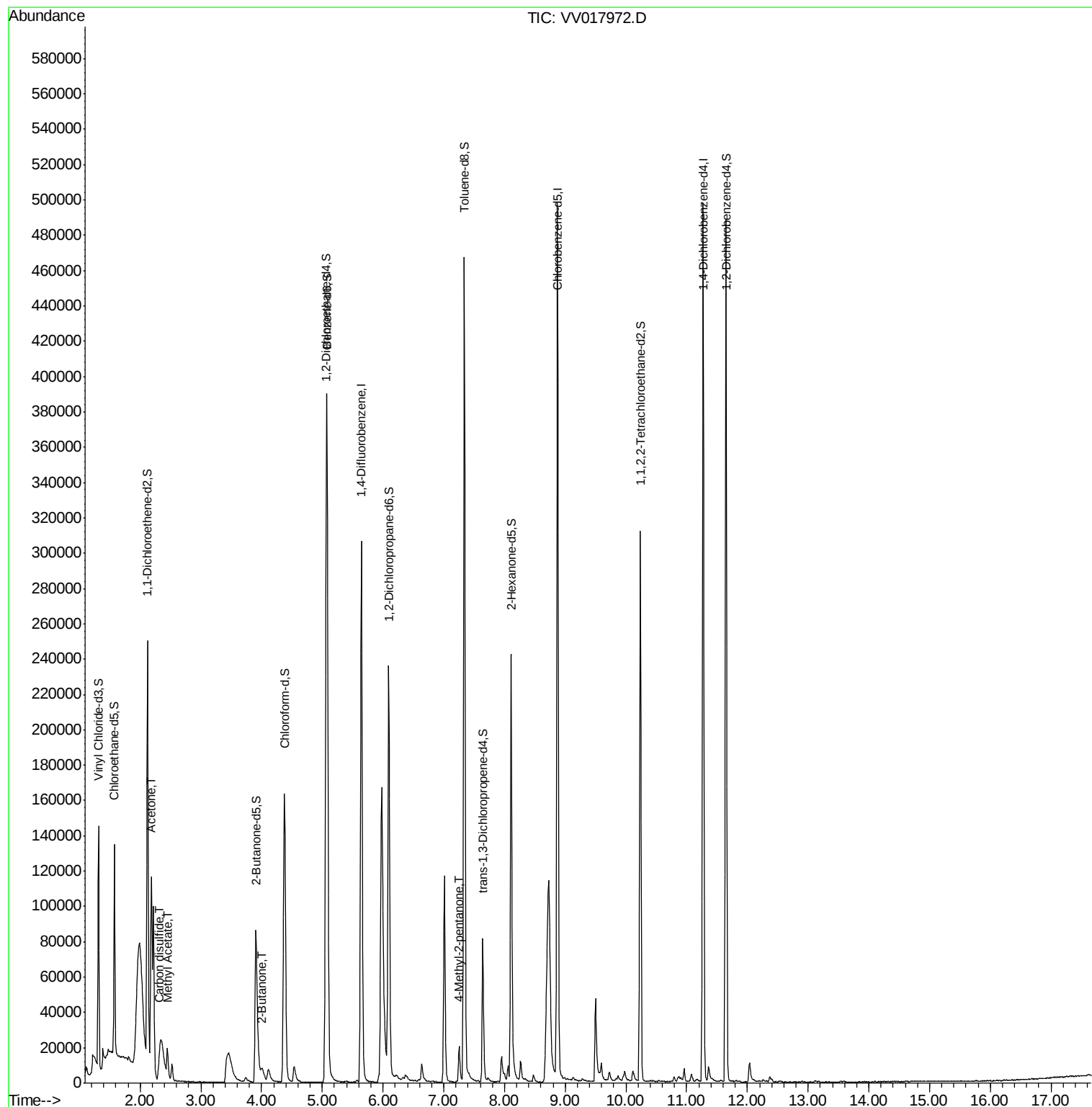
					Ovalue
13) Acetone	2.18	43	135452	102.928 ug/L	97
14) Carbon disulfide	2.31	76	3078	0.654 ug/L	100
15) Methyl Acetate	2.45	43	19397	9.133 ug/L	100
22) 2-Butanone	4.01	43	11689	7.918 ug/L	95
40) 4-Methyl-2-pentanone	7.25	43	13364	4.639 ug/L	100

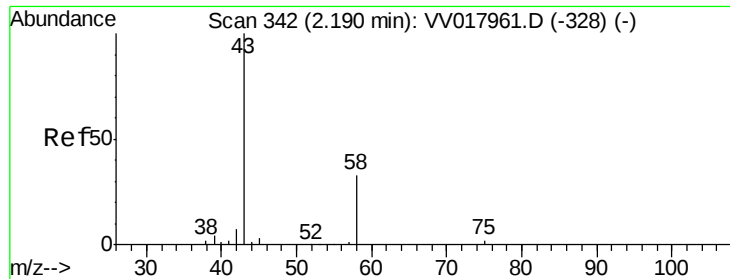
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 102.928 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV017972.D

Acq: 13 Aug 2020 15:23

Instrument :

MSVOA_V

ClientSampleId :

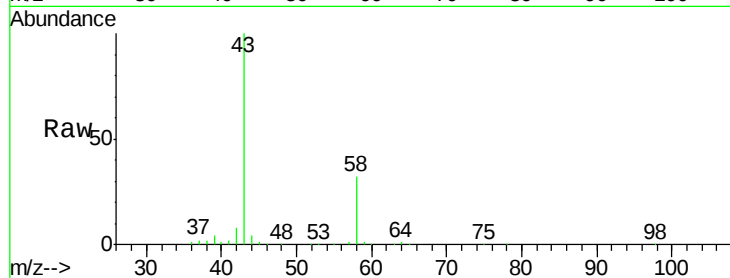
F2L99DL

Tot Ion: 43 Resp: 135452

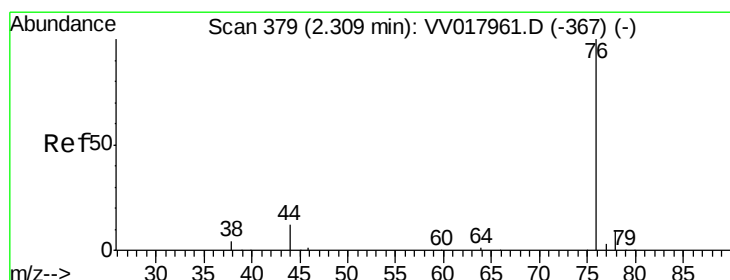
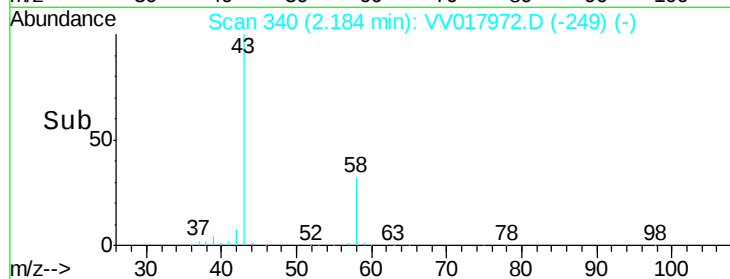
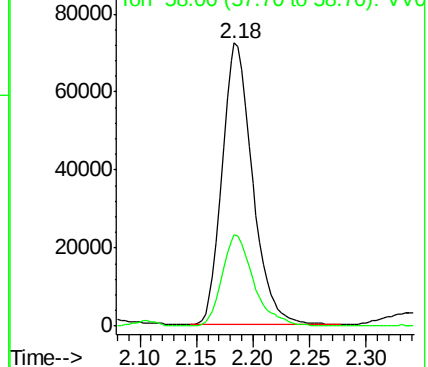
Ion Ratio Lower Upper

43 100

58 33.7 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VV017972.D (-249) (-)



#14

Carbon disulfide

Concen: 0.654 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV017972.D

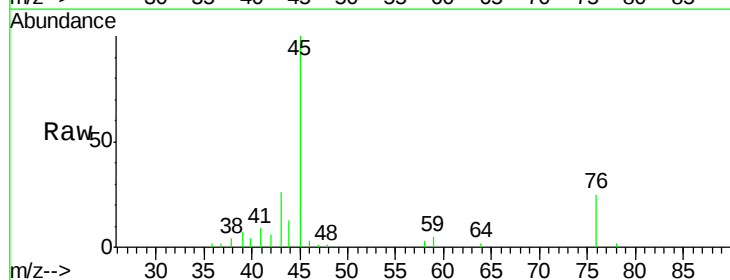
Acq: 13 Aug 2020 15:23

Tgt Ion: 76 Resp: 3078

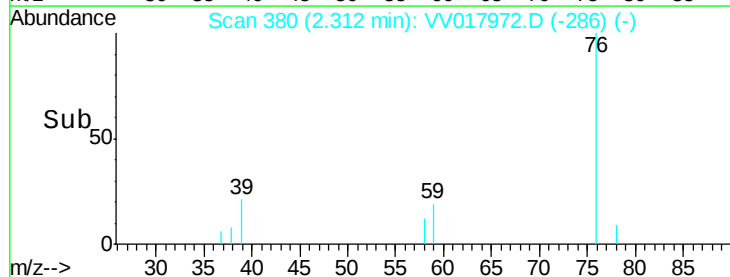
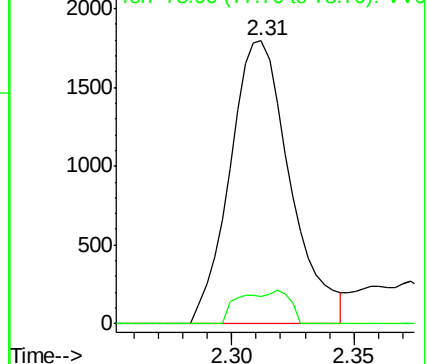
Ion Ratio Lower Upper

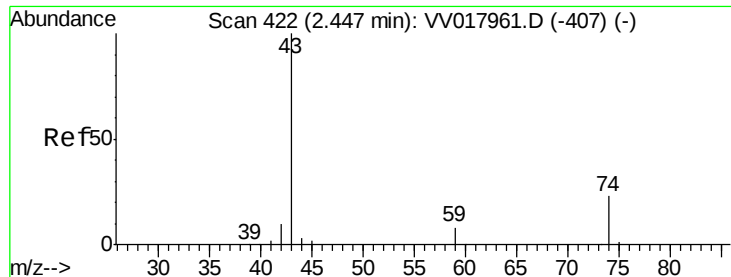
76 100

78 9.5 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VV017972.D (-286) (-)





#15

Methvl Acetate

Concen: 9.133 ug/L

RT: 2.45 min Scan# 422

Delta R.T. 0.00 min

Lab File: VV017972.D

Acq: 13 Aug 2020 15:23

Instrument :

MSVOA_V

ClientSampleId :

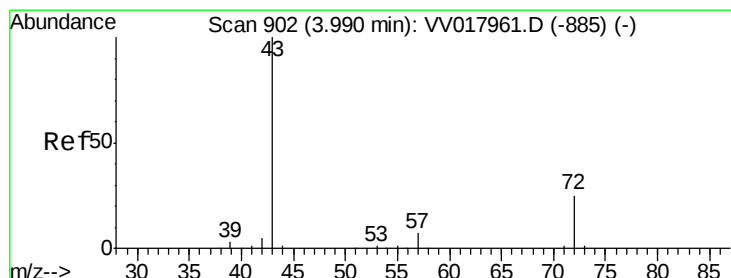
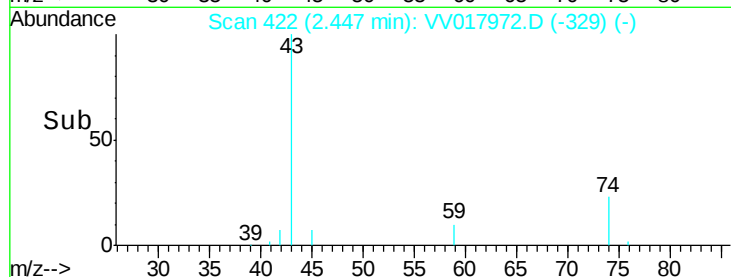
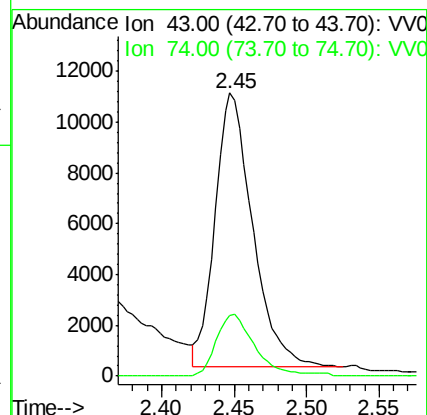
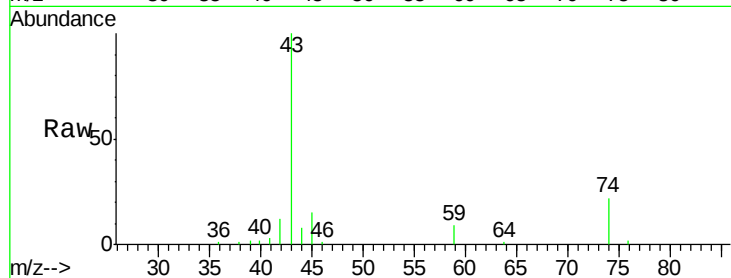
F2L99DL

Tot Ion: 43 Resp: 19397

Ion Ratio Lower Upper

43 100

74 22.8 18.4 27.6



#22

2-Butanone

Concen: 7.918 ug/L

RT: 4.01 min Scan# 907

Delta R.T. 0.02 min

Lab File: VV017972.D

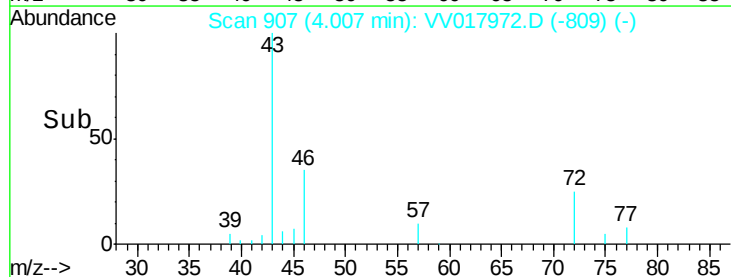
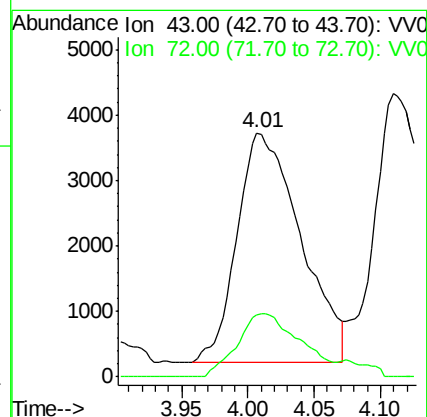
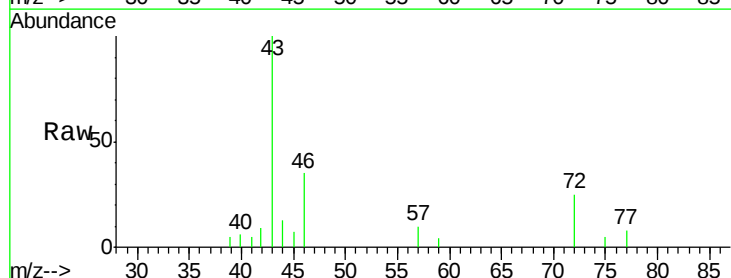
Acq: 13 Aug 2020 15:23

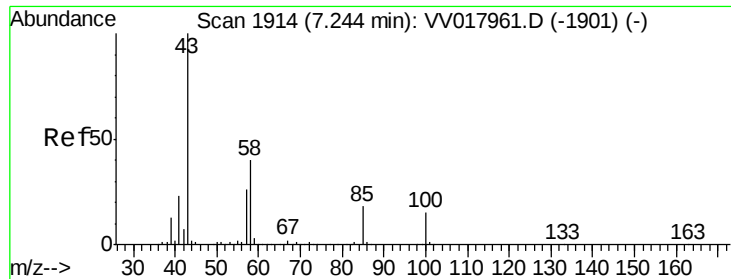
Tgt Ion: 43 Resp: 11689

Ion Ratio Lower Upper

43 100

72 27.7 12.7 38.0





#40

4-Methyl-2-pentanone

Concen: 4.639 ug/L

RT: 7.25 min Scan# 1916

Delta R.T. 0.01 min

Lab File: VV017972.D

Acq: 13 Aug 2020 15:23

Instrument :

MSVOA_V

ClientSampleID :

F2L99DL

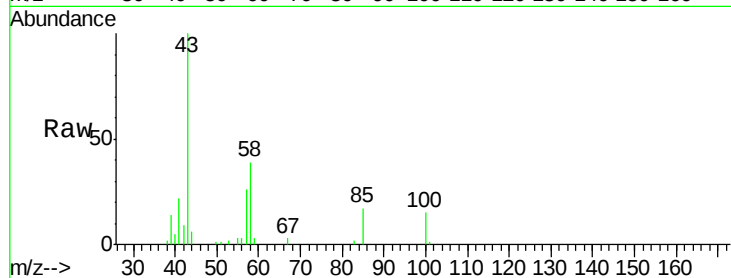
Tot Ion: 43 Resp: 13364

Ion Ratio Lower Upper

43 100

58 39.9 31.9 47.9

100 15.1 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

