

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110820\
 Data File : VV019296.D
 Acq On : 06 Nov 2020 14:35
 Operator : SY/MD
 Sample : L4615-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG467

Quant Time: Nov 07 01:25:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 07 01:17:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	246492	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	244229	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	121808	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82344	42.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.08%
7) Chloroethane-d5	1.58	69	70364	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.48%
11) 1,1-Dichloroethene-d2	2.12	63	126301	33.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.78%
21) 2-Butanone-d5	3.91	46	120882	100.75	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.75%
24) Chloroform-d	4.37	84	165434	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.06	65	118874	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.64%
32) Benzene-d6	5.07	84	312497	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.22%
36) 1,2-Dichloropropane-d6	6.09	67	101349	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.12%
41) Toluene-d8	7.34	98	281698	42.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.66%
43) trans-1,3-Dichloropropene-	7.64	79	50281	42.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.12%
47) 2-Hexanone-d5	8.11	63	74329	83.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.09%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	119343	42.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	119758	46.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

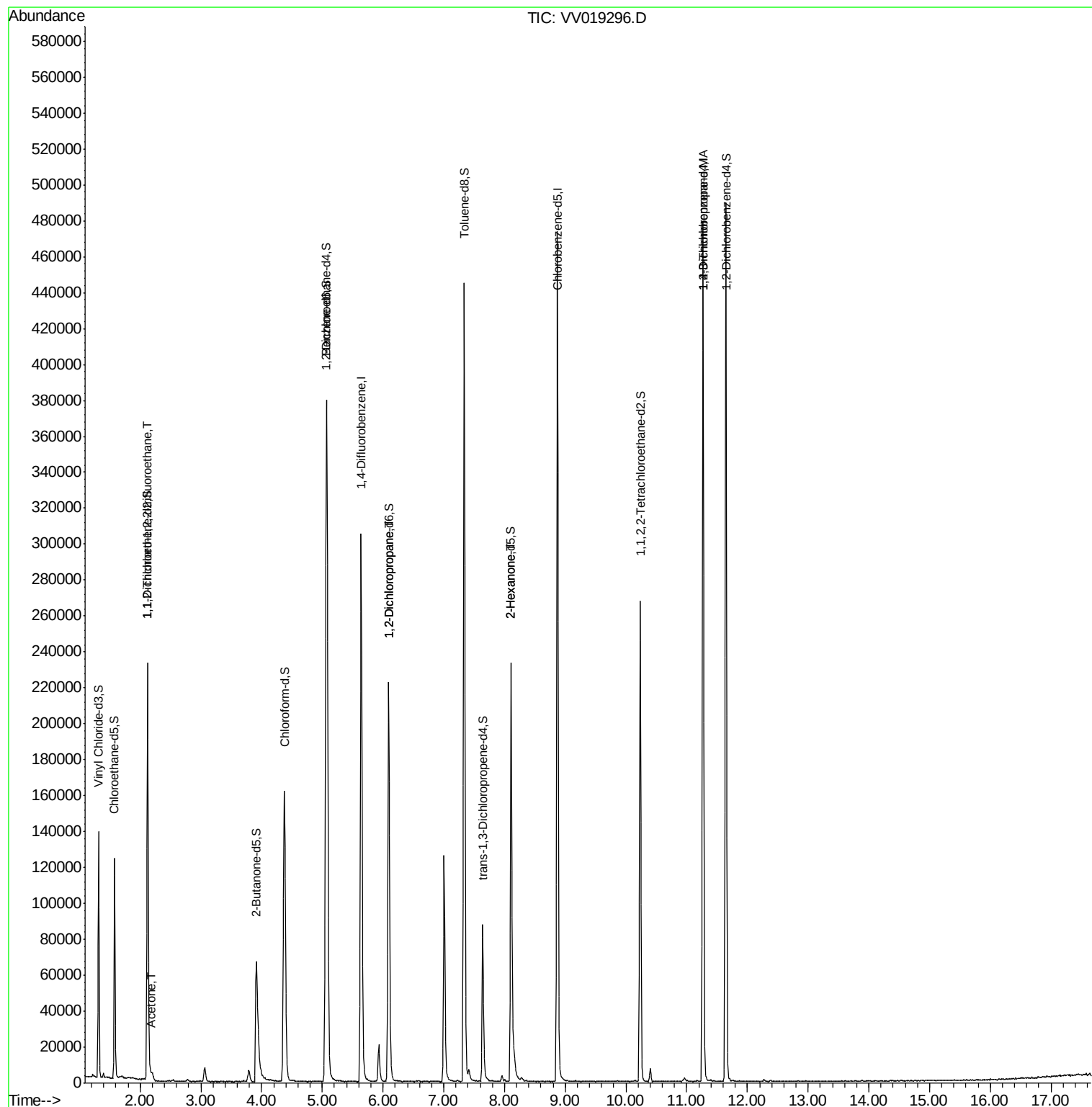
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1113	0.690 ug/L #	17
13) Acetone	2.20	43	5423	4.865 ug/L	73
37) 1,2-Dichloropropane	6.09	63	12354	7.065 ug/L #	85
48) 2-Hexanone	8.11	43	9970	5.200 ug/L #	75
59) 1,2,3-Trichloropropane	11.27	75	13293	5.815 ug/L #	86

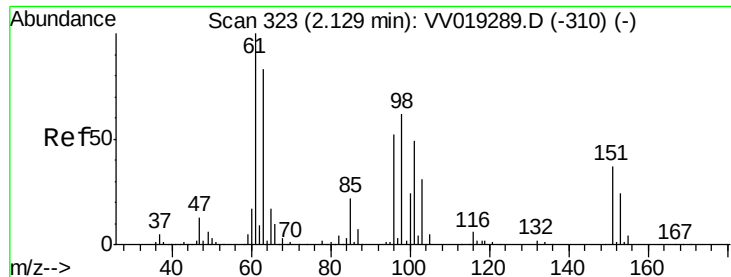
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.690 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019296.D

Acq: 06 Nov 2020 14:35

Instrument :

MSVOA_V

ClientSampled :

BG467

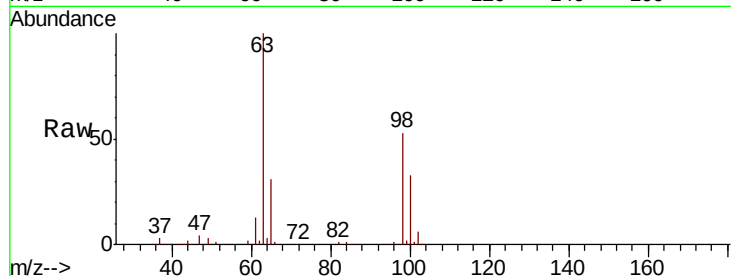
Tot Ion:101 Resp: 1113

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

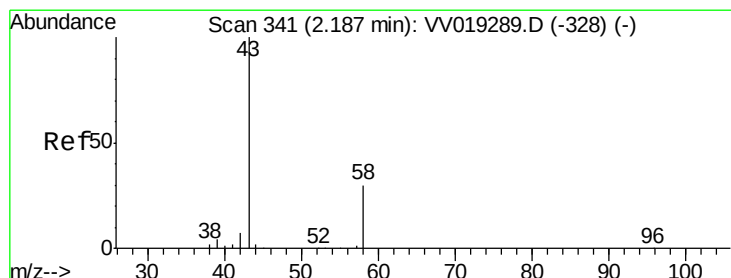
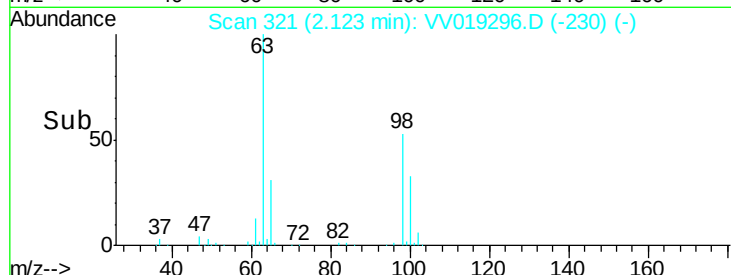
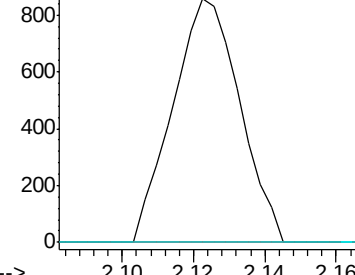
151 0.0 65.0 97.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 4.865 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV019296.D

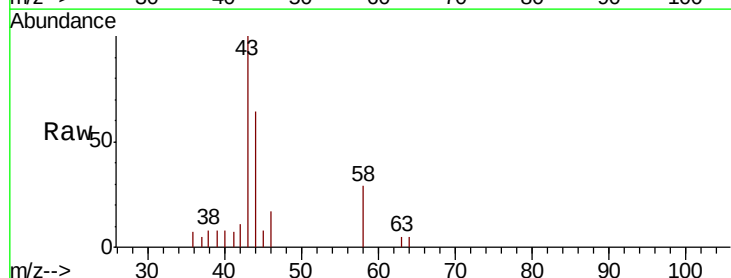
Acq: 06 Nov 2020 14:35

Tgt Ion: 43 Resp: 5423

Ion Ratio Lower Upper

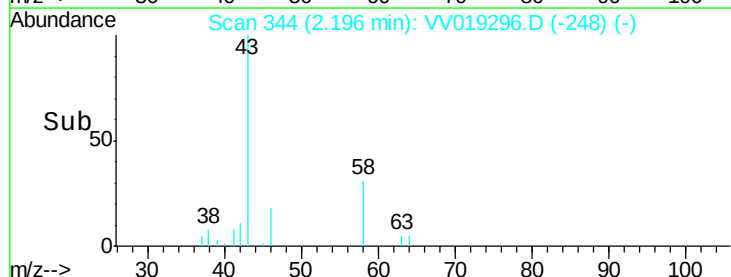
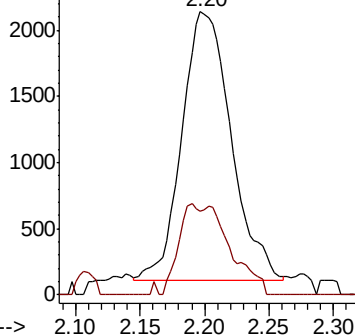
43 100

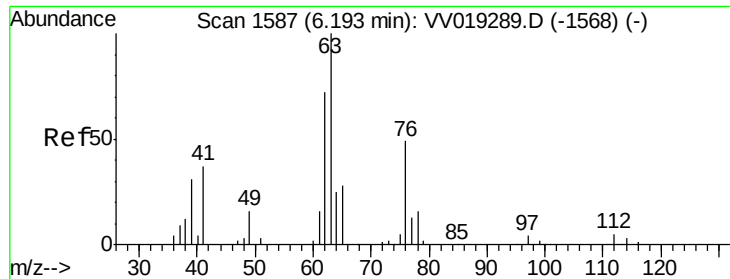
58 15.0 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

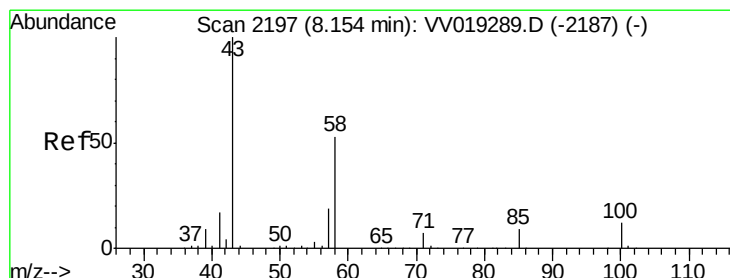
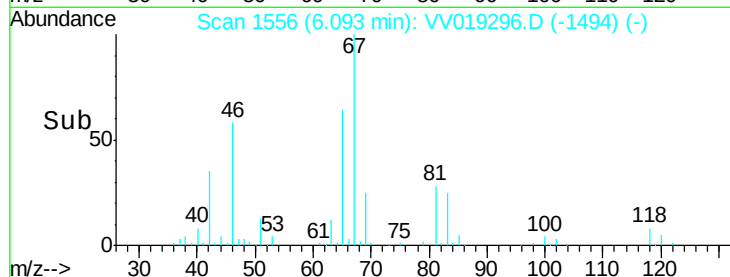
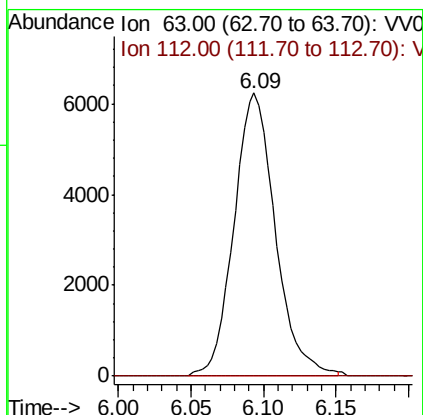
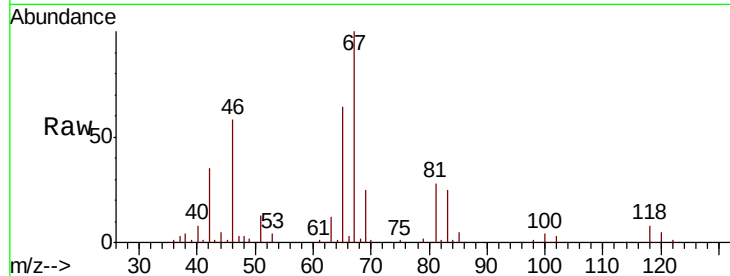




#37
 1,2-Dichloropropane
 Concen: 7.065 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV019296.D
 Acq: 06 Nov 2020 14:35

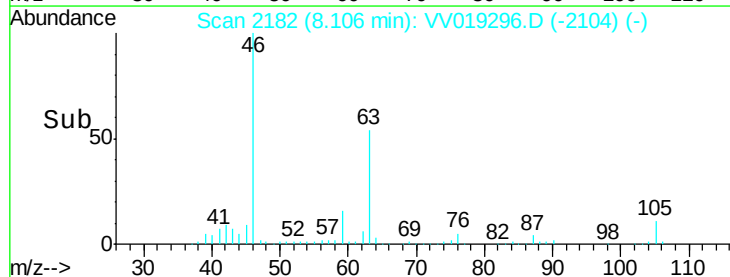
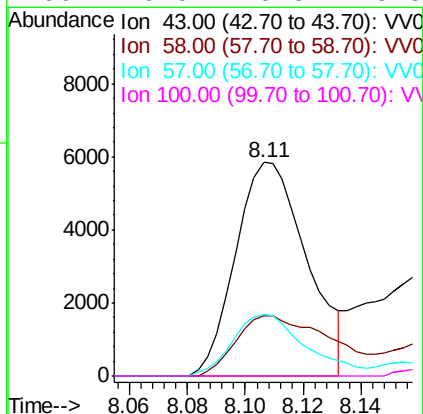
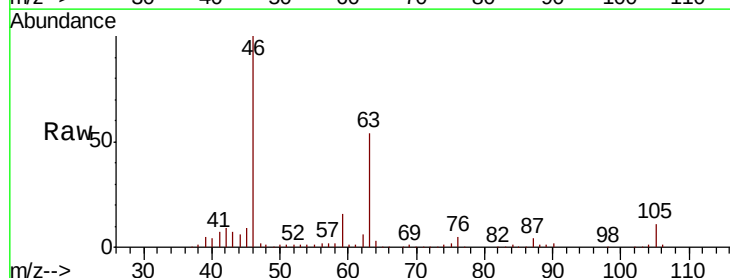
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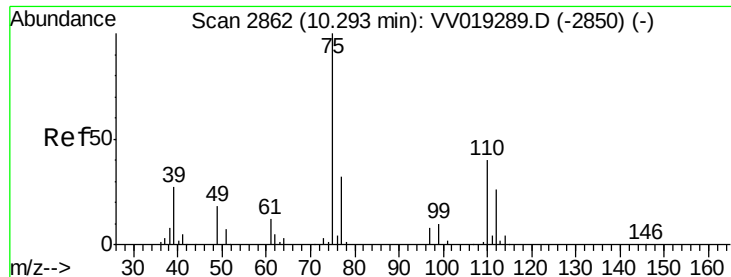
Tot Ion: 63 Resp: 12354
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#48
 2-Hexanone
 Concen: 5.200 ug/L
 RT: 8.11 min Scan# 2182
 Delta R.T. -0.05 min
 Lab File: VV019296.D
 Acq: 06 Nov 2020 14:35

Tgt Ion: 43 Resp: 9970
 Ion Ratio Lower Upper
 43 100
 58 36.8 43.6 65.4#
 57 29.7 16.0 24.0#
 100 0.0 10.3 15.5#





#59

1,2,3-Trichloropropane

Concen: 5.815 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019296.D

Acq: 06 Nov 2020 14:35

Instrument :

MSVOA_V

ClientSampleId :

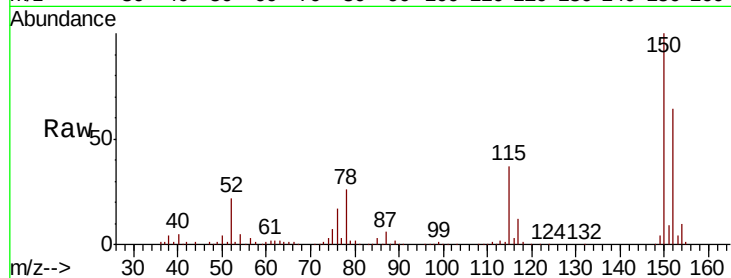
BG467

Tot Ion: 75 Resp: 13293

Ion Ratio Lower Upper

75 100

77 40.8 26.2 39.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

