

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061620\
 Data File : VV016951.D
 Acq On : 16 Jun 2020 11:02
 Operator : SY/MD
 Sample : L2913-21
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 17 00:57:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 17 00:55:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	345733	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326751	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163360	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95229	39.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.08%
7) Chloroethane-d5	1.58	69	72639	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.24%
11) 1,1-Dichloroethene-d2	2.12	63	141318	34.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.00%
21) 2-Butanone-d5	3.90	46	164057	90.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.86%
24) Chloroform-d	4.38	84	226494	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
26) 1,2-Dichloroethane-d4	5.06	65	162544	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.34%
32) Benzene-d6	5.07	84	443358	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.14%
36) 1,2-Dichloropropane-d6	6.09	67	137763	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.84%
41) Toluene-d8	7.34	98	410441	47.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.98%
43) trans-1,3-Dichloropropene-	7.64	79	73034	47.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.52%
47) 2-Hexanone-d5	8.11	63	93860	73.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.33%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	165457	42.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	176700	50.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.38%

Target Compounds

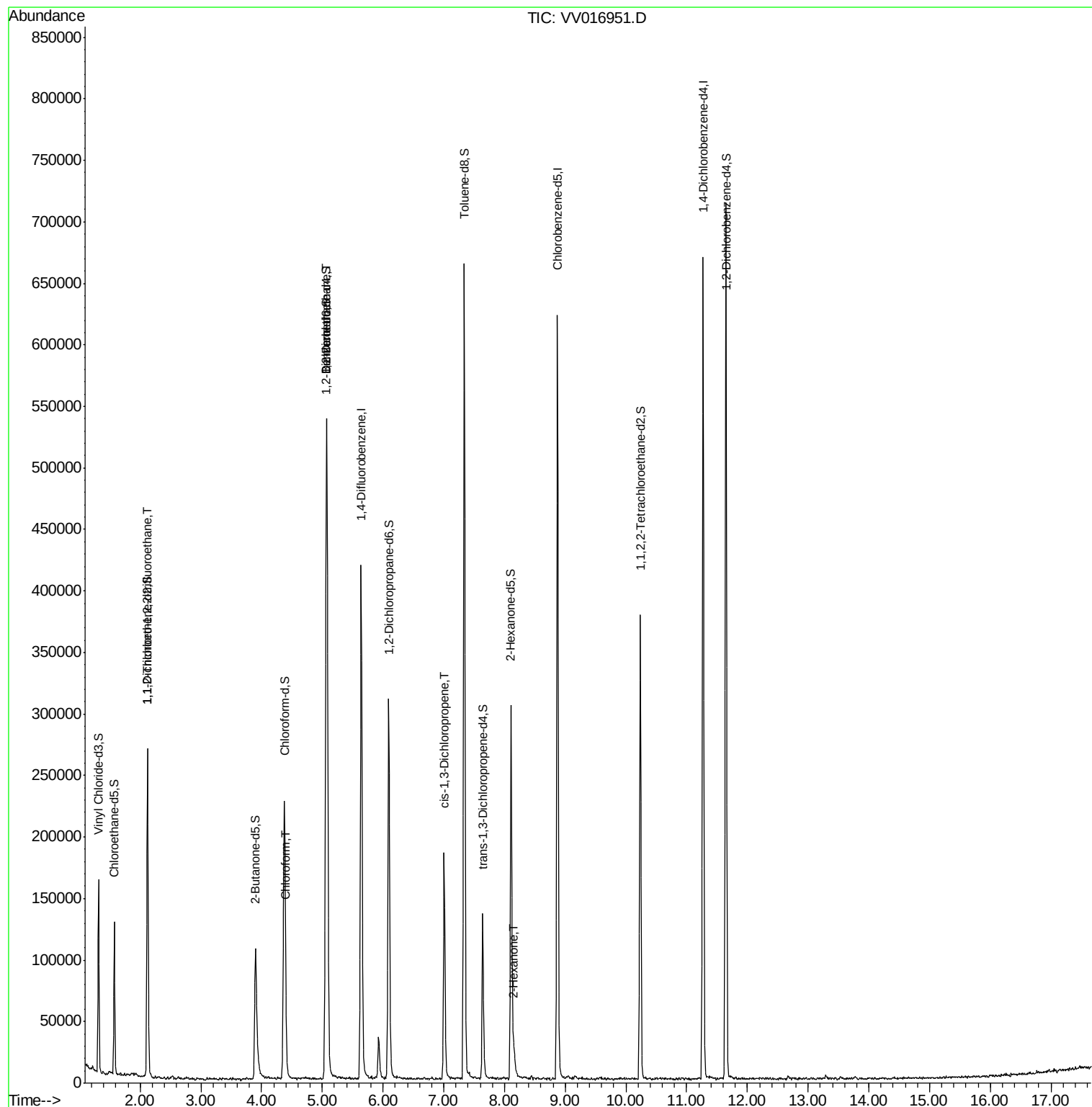
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1224	0.666 ug/L #	20
25) Chloroform	4.41	83	4073	0.900 ug/L	97
27) 1,2-Dichloroethane	5.07	62	3042	0.802 ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	4858	1.244 ug/L #	69
48) 2-Hexanone	8.16	43	10486	3.796 ug/L #	82

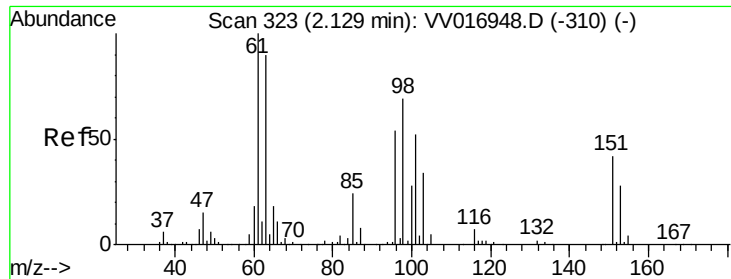
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.666 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016951.D

Acq: 16 Jun 2020 11:02

Instrument :

MSVOA_V

ClientSampled :

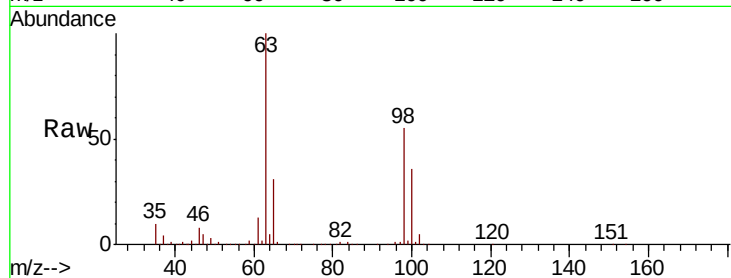
Tot Ion:101 Resp: 1224

Ion Ratio Lower Upper

101 100

85 5.6 35.5 53.3#

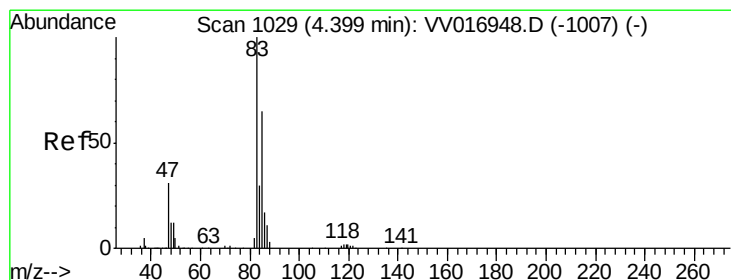
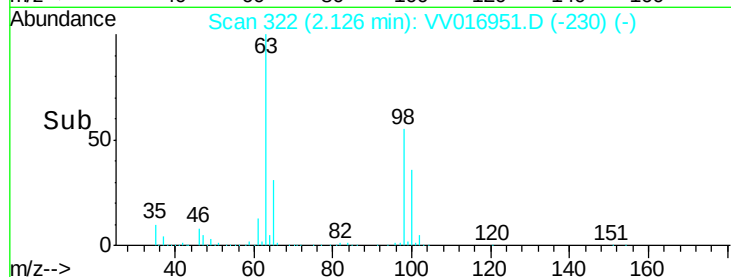
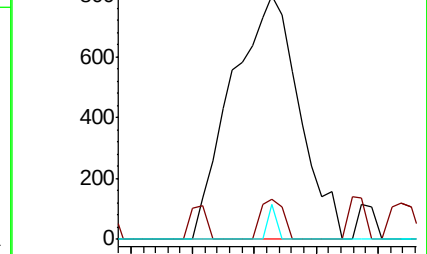
151 0.0 63.9 95.9#



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



#25

Chloroform

Concen: 0.900 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV016951.D

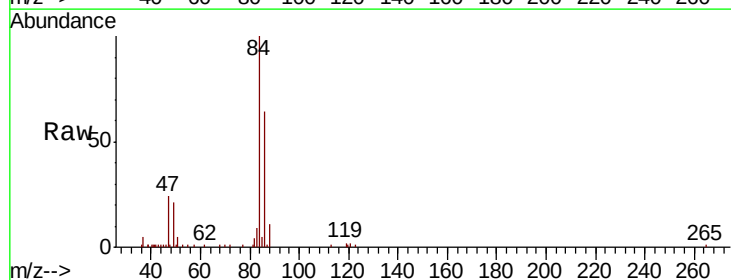
Acq: 16 Jun 2020 11:02

Tgt Ion: 83 Resp: 4073

Ion Ratio Lower Upper

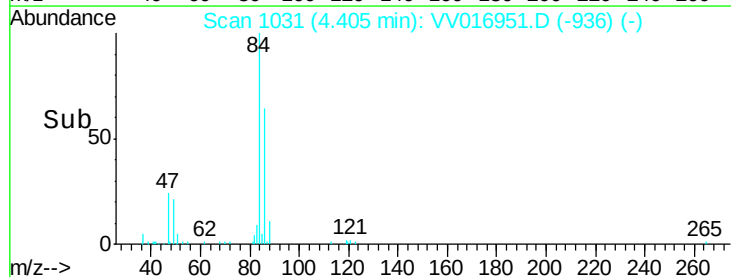
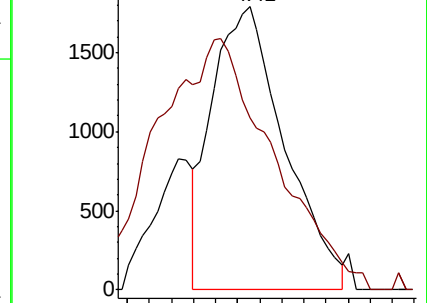
83 100

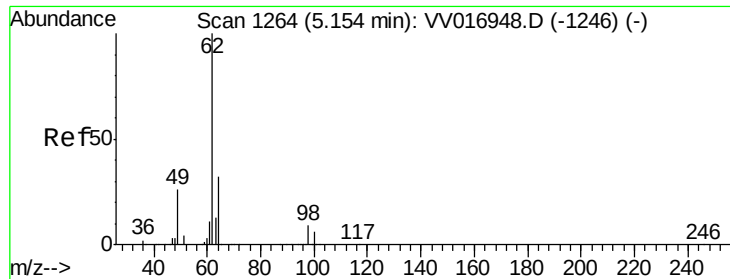
85 60.7 44.1 81.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

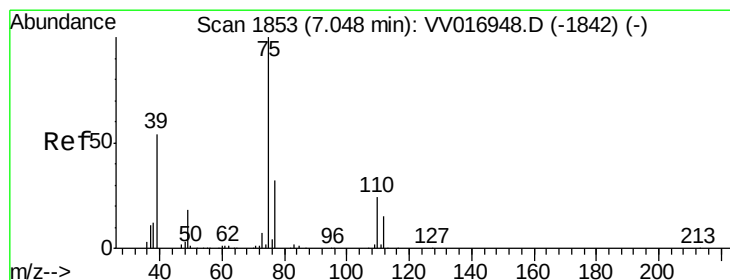
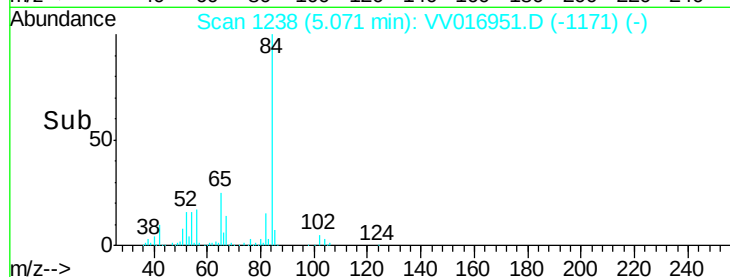
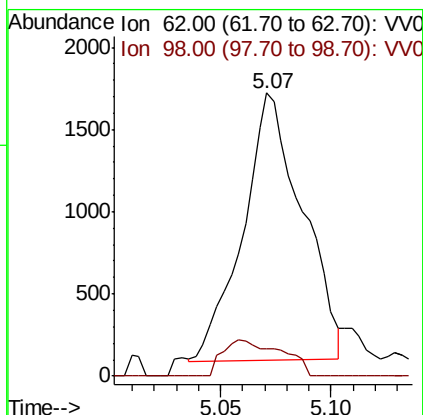
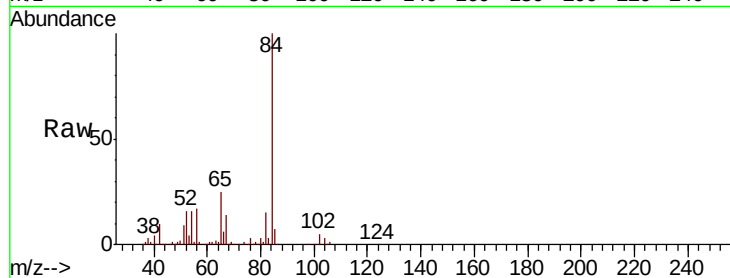




#27
 1,2-Dichloroethane
 Concen: 0.802 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV016951.D
 Acq: 16 Jun 2020 11:02

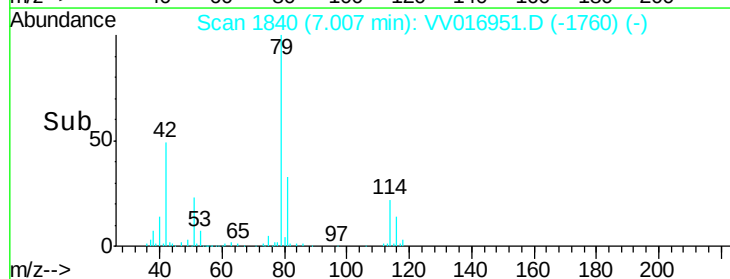
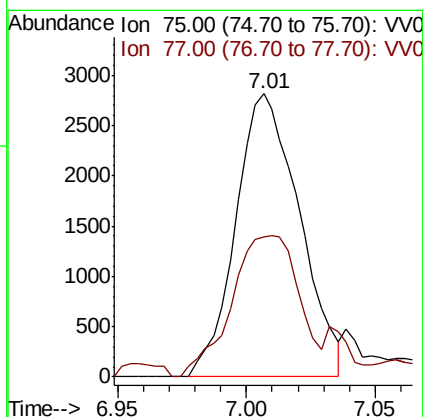
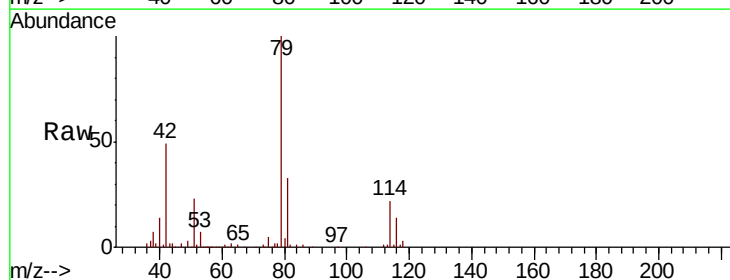
Instrument :
 MSVOA_V
 ClientSampleId :

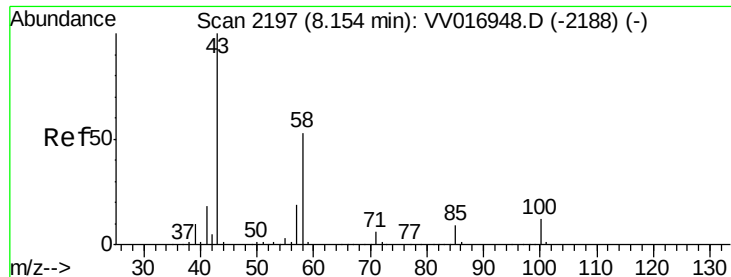
Tot Ion: 62 Resp: 3042
 Ion Ratio Lower Upper
 62 100
 98 9.5 7.4 11.2



#39
 cis-1,3-Dichloropropene
 Concen: 1.244 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV016951.D
 Acq: 16 Jun 2020 11:02

Tgt Ion: 75 Resp: 4858
 Ion Ratio Lower Upper
 75 100
 77 49.6 22.7 42.1#





#48

2-Hexanone

Concen: 3.796 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV016951.D

Acq: 16 Jun 2020 11:02

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 10486

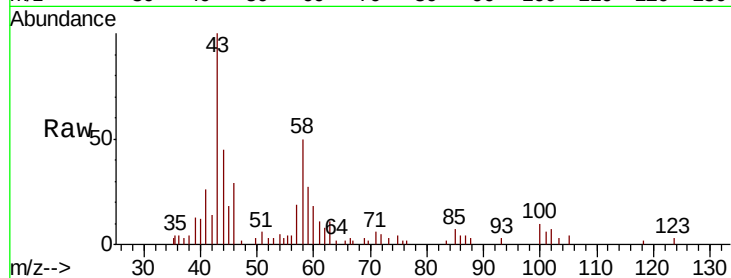
Ion Ratio Lower Upper

43 100

58 41.6 43.1 64.7#

57 5.4 15.3 22.9#

100 10.4 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

