

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102619\
 Data File : VV013369.D
 Acq On : 26 Oct 2019 12:35
 Operator : SY/MD
 Sample : K5567-08
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 29 13:49:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 29 13:11:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	493250	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	533065	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	263804	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	176314	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.58	69	145417	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.13	63	214117	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	3.97	46	388793	55.67	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.34%
24) Chloroform-d	4.40	84	390645	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.08	65	186614	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.09	84	818798	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.11	67	240625	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.35	98	709610	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.66	79	78091	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.13	63	249940	35.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	146930	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	277943	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

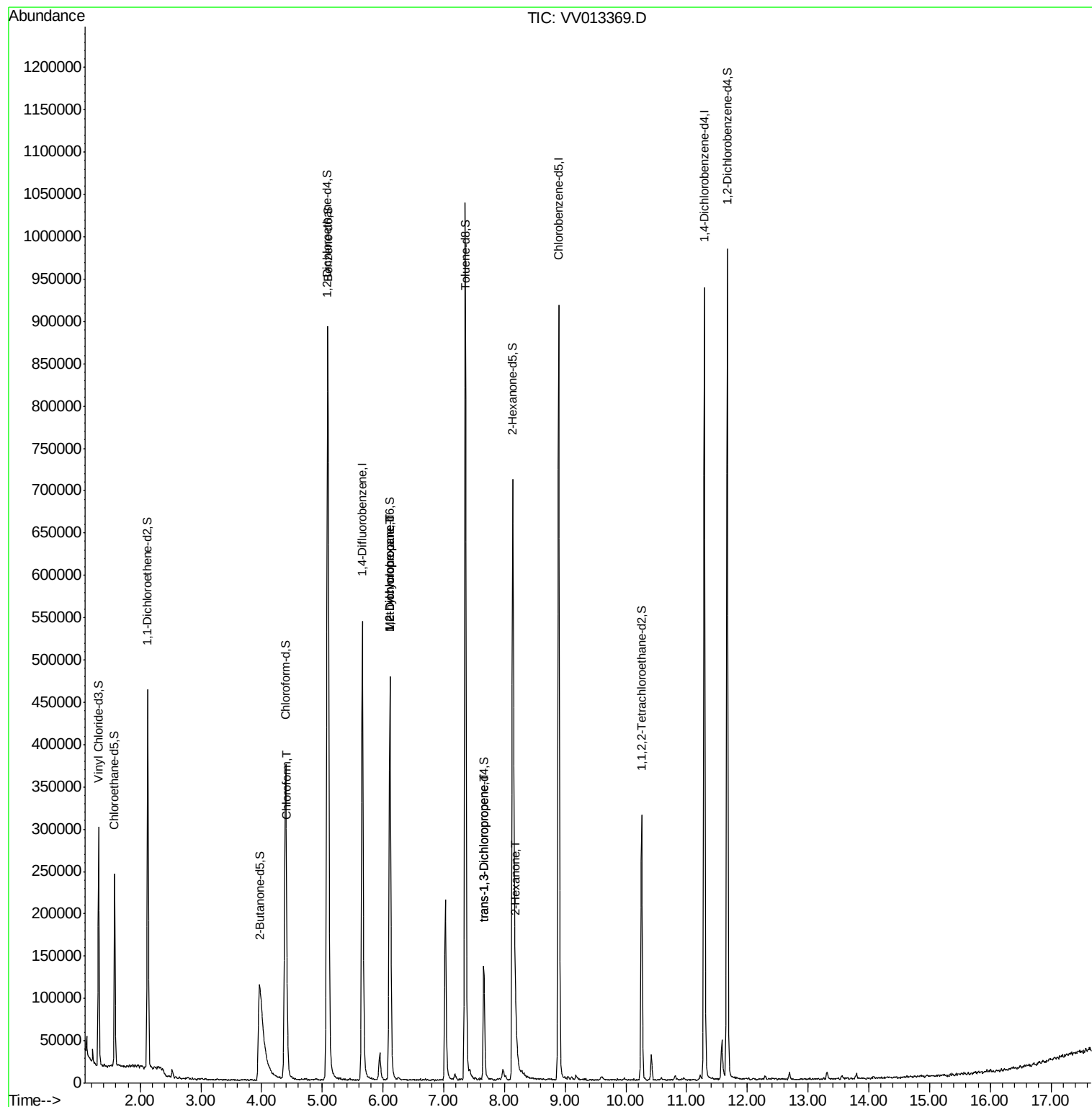
					Ovalue
25) Chloroform	4.42	83	15126	0.156 ug/L	91
35) Methylcyclohexane	6.11	83	57620	0.686 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	26782	0.542 ug/L #	85
44) trans-1,3-Dichloropropene	7.66	75	3242	0.061 ug/L	85
48) 2-Hexanone	8.18	43	32781	1.817 ug/L #	86

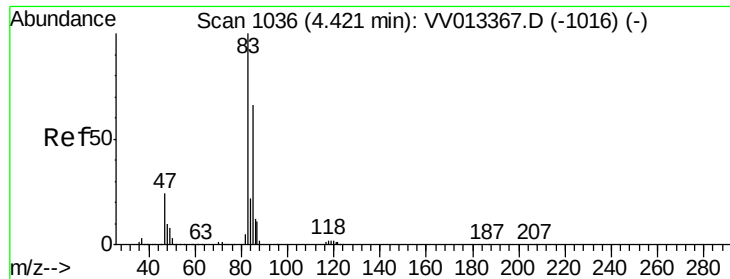
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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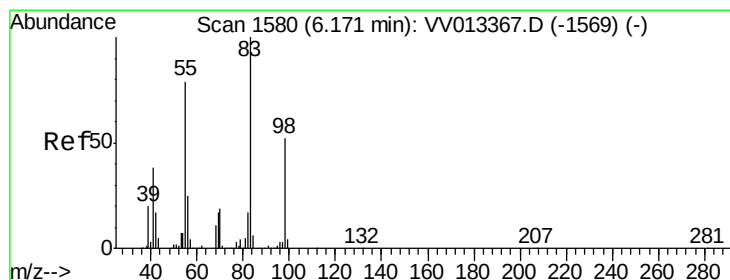
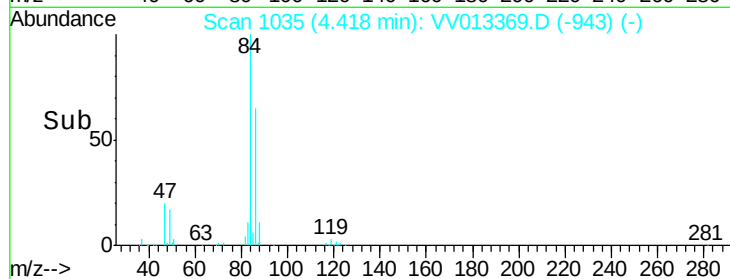
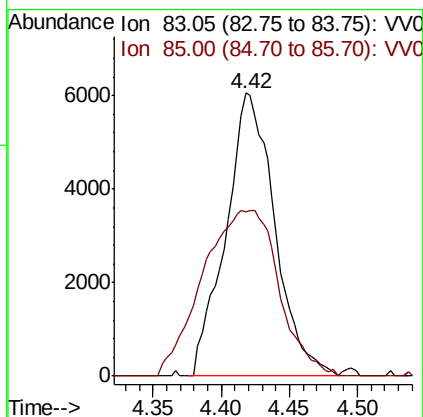
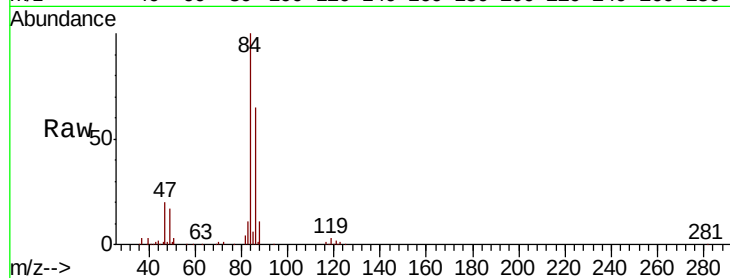




#25
Chloroform
Concen: 0.156 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV013369.D
Acq: 26 Oct 2019 12:35

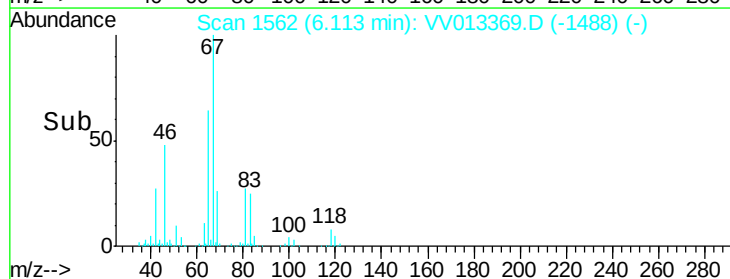
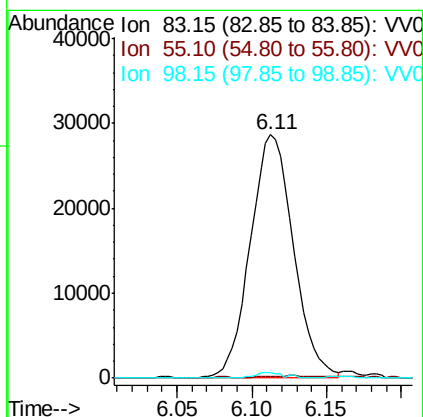
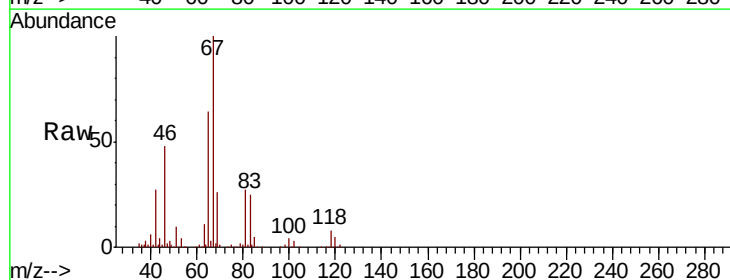
Instrument :
MSVOA_V
ClientSampleId :

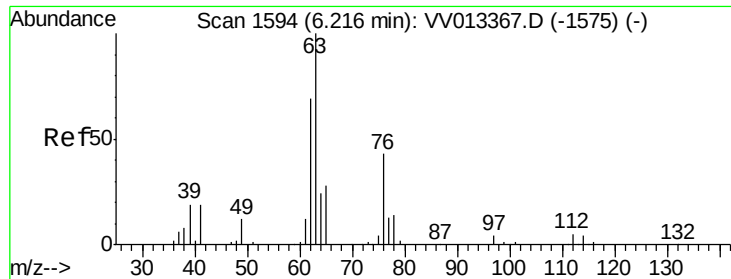
Tot Ion: 83 Resp: 15126
Ion Ratio Lower Upper
83 100
85 58.3 45.7 84.9



#35
Methylcyclohexane
Concen: 0.686 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013369.D
Acq: 26 Oct 2019 12:35

Tgt Ion: 83 Resp: 57620
Ion Ratio Lower Upper
83 100
55 0.2 62.4 93.6#
98 1.2 39.2 58.8#

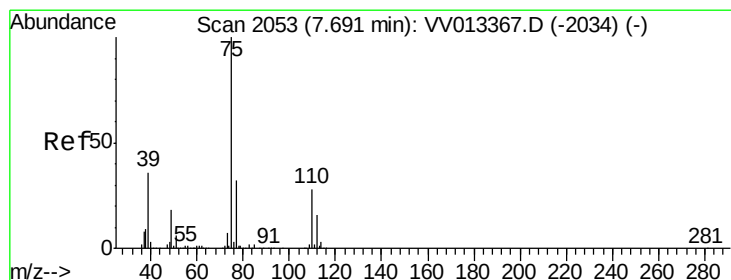
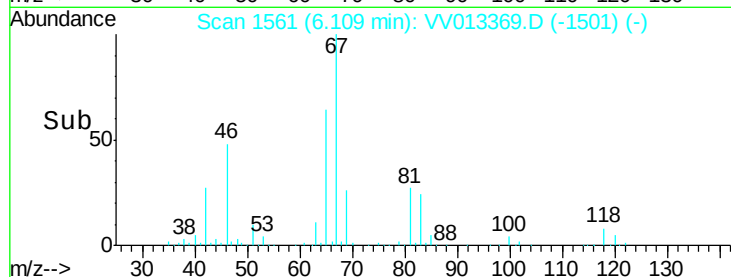
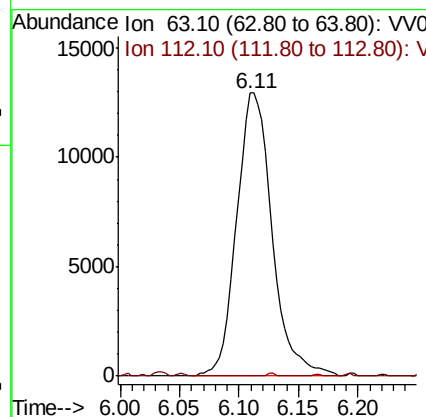
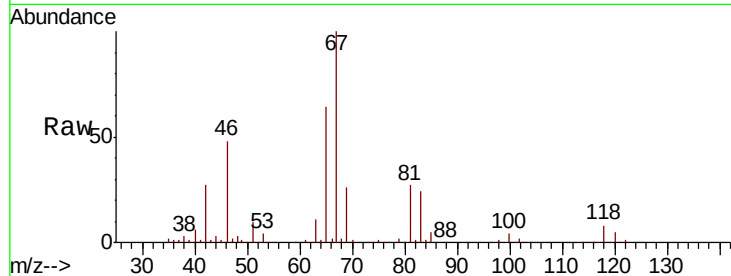




#37
 1,2-Dichloropropane
 Concen: 0.542 ug/L
 RT: 6.11 min Scan# 1561
 Delta R.T. -0.11 min
 Lab File: VV013369.D
 Acq: 26 Oct 2019 12:35

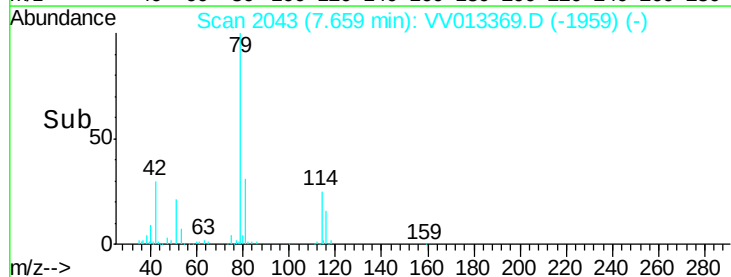
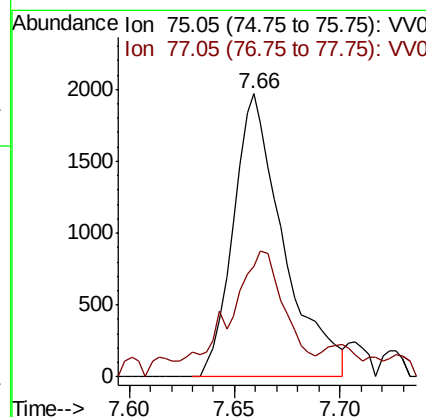
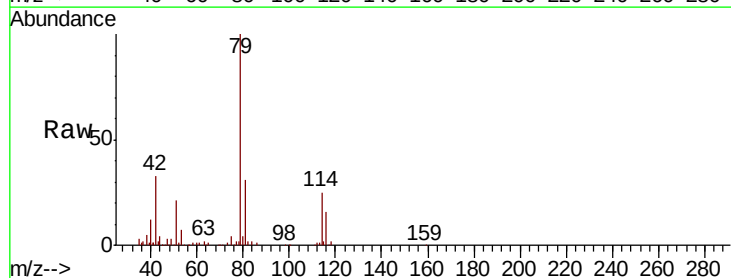
Instrument :
 MSVOA_V
 ClientSampled :

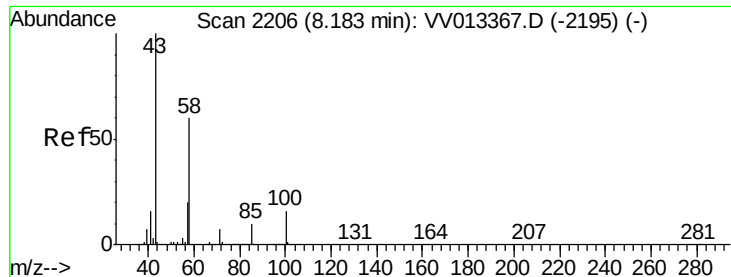
Tot Ion: 63 Resp: 26782
 Ion Ratio Lower Upper
 63 100
 112 0.2 4.1 6.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.061 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV013369.D
 Acq: 26 Oct 2019 12:35

Tgt Ion: 75 Resp: 3242
 Ion Ratio Lower Upper
 75 100
 77 39.3 21.8 40.6





#48

2-Hexanone

Concen: 1.817 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV013369.D

Acq: 26 Oct 2019 12:35

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 32781

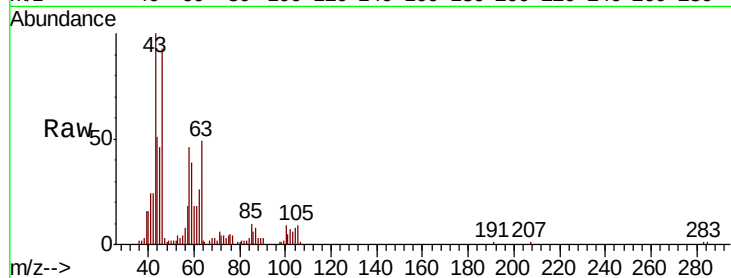
Ion Ratio Lower Upper

43 100

58 44.4 45.1 67.7#

57 16.7 15.5 23.3

100 6.1 10.2 15.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

