

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072720\
 Data File : VV017682.D
 Acq On : 27 Jul 2020 17:06
 Operator : SY/MD
 Sample : L3346-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 28 04:57:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 28 04:52:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	158193	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	157491	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75316	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30011	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.58	69	25718	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.12	63	52035	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	3.93	46	78120	43.23	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.46%
24) Chloroform-d	4.38	84	83287	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.06	65	44247	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.07	84	147376	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.09	67	39824	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.60%
41) Toluene-d8	7.34	98	129721	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
45) trans-1,3-Dichloropropene-	7.64	79	17606	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
48) 2-Hexanone-d5	8.11	63	50138	36.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.98%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26790	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	54929	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

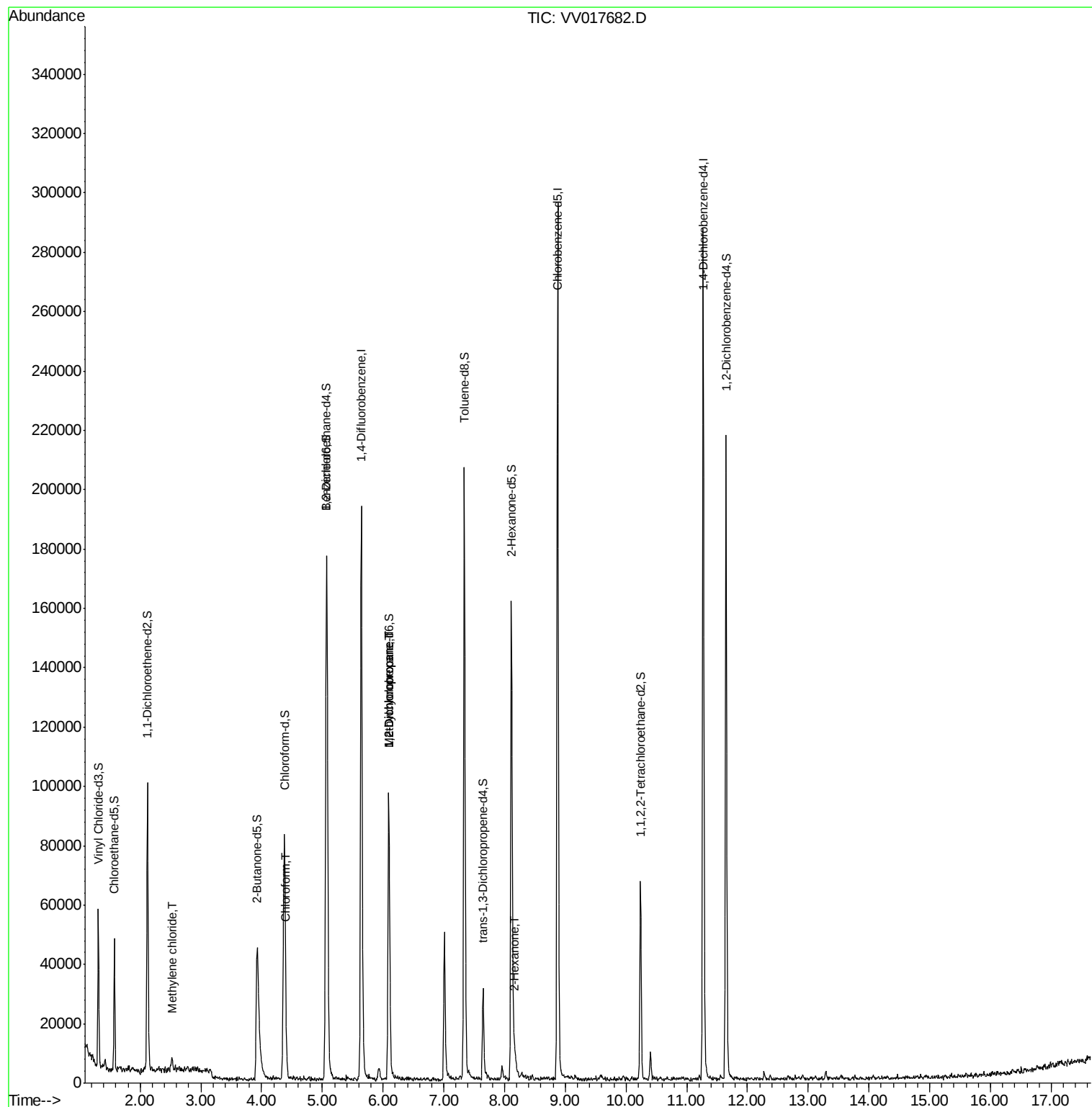
					Ovalue
16) Methylene chloride	2.52	84	1475	0.156 ug/L	84
25) Chloroform	4.41	83	2363	0.108 ug/L	86
35) Methylcyclohexane	6.09	83	11589	0.615 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	5417	0.517 ug/L #	87
50) 2-Hexanone	8.17	43	4183	1.029 ug/L #	52

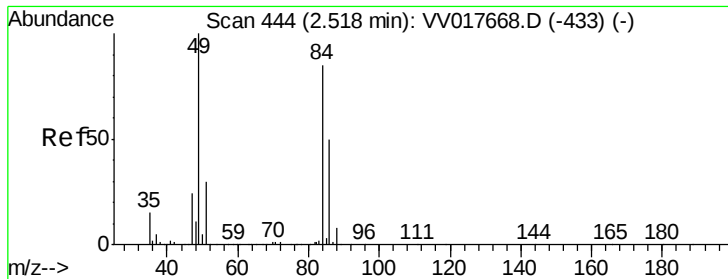
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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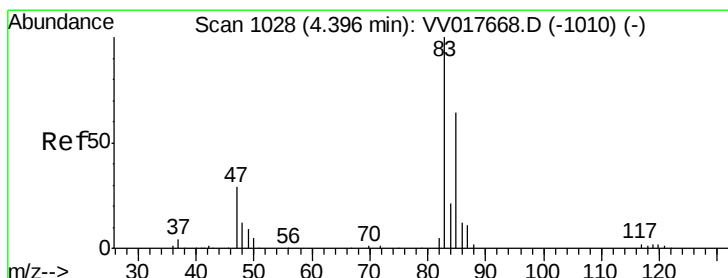
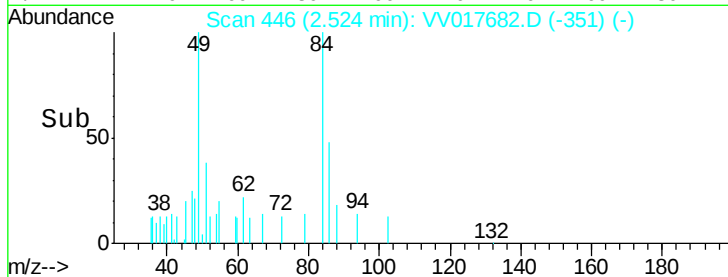
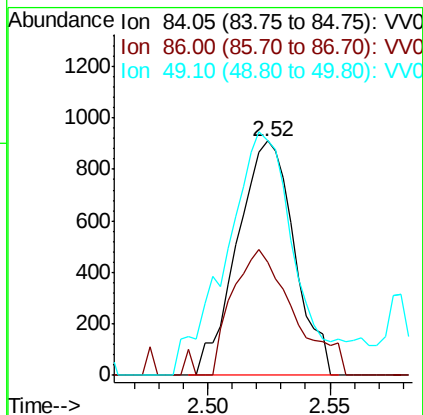
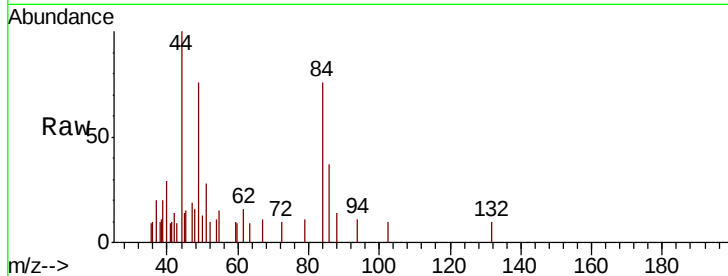




#16
Methvlene chloride
Concen: 0.156 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.01 min
Lab File: VV017682.D
Acq: 27 Jul 2020 17:06

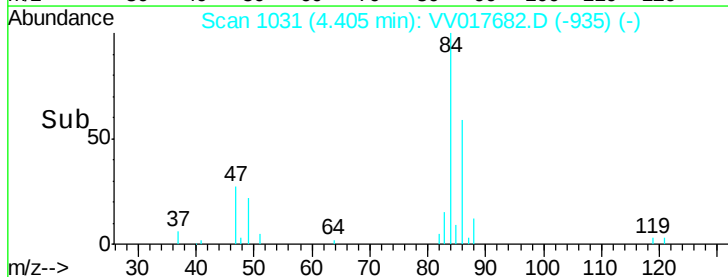
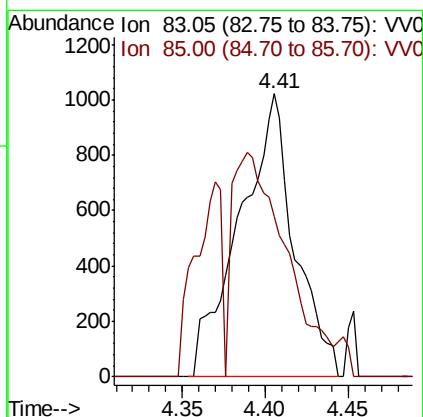
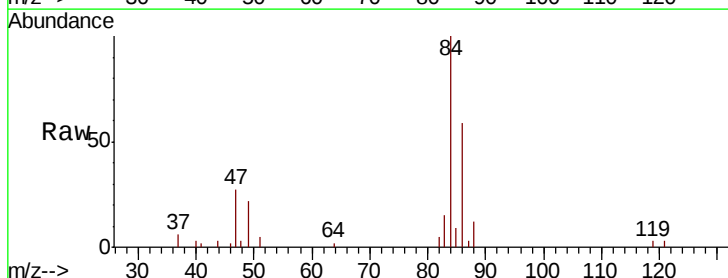
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MSVOA_V
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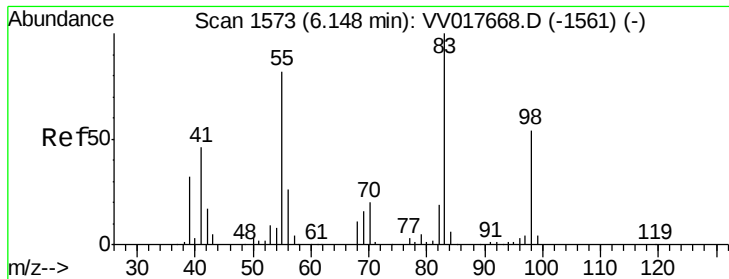
Tot Ion: 84 Resp: 1475
Ion Ratio Lower Upper
84 100
86 48.3 46.5 86.3
49 99.9 79.2 147.2



#25
Chloroform
Concen: 0.108 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV017682.D
Acq: 27 Jul 2020 17:06

Tgt Ion: 83 Resp: 2363
Ion Ratio Lower Upper
83 100
85 56.5 47.3 87.9

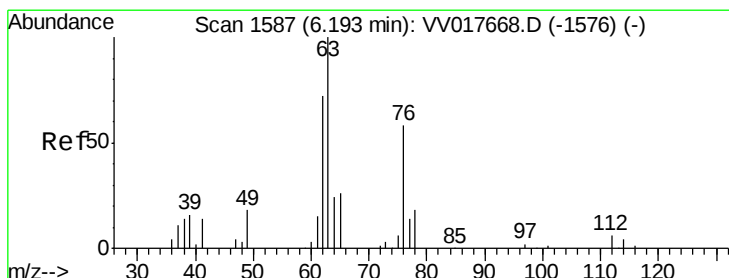
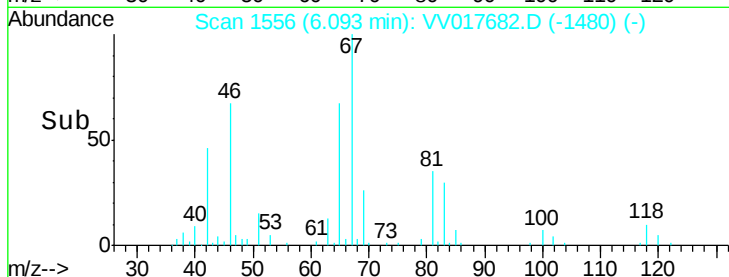
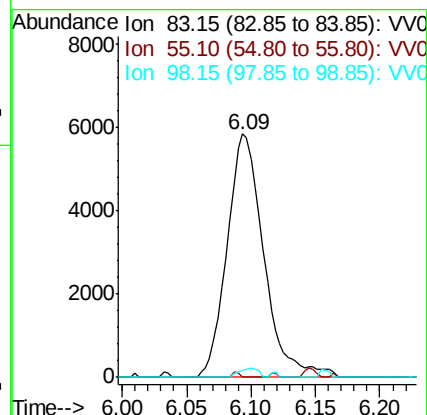
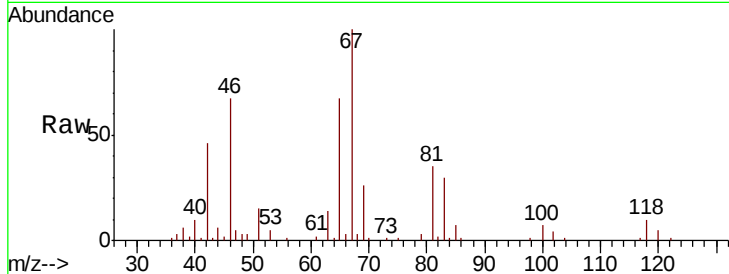




#35
Methvlcvclohexane
Concen: 0.615 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.05 min
Lab File: VV017682.D
Acq: 27 Jul 2020 17:06

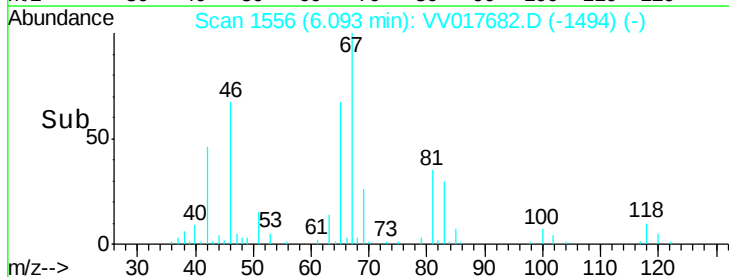
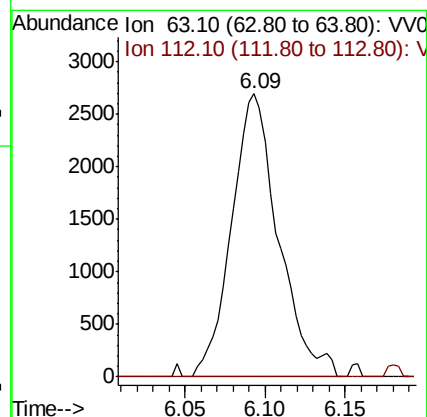
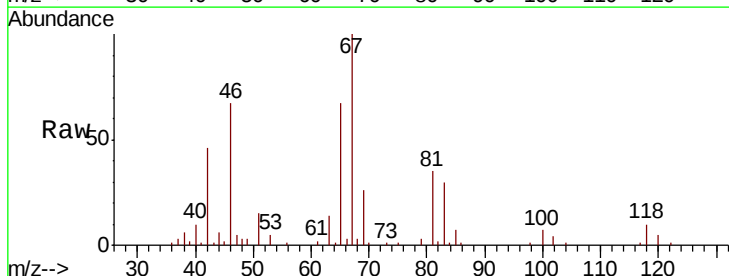
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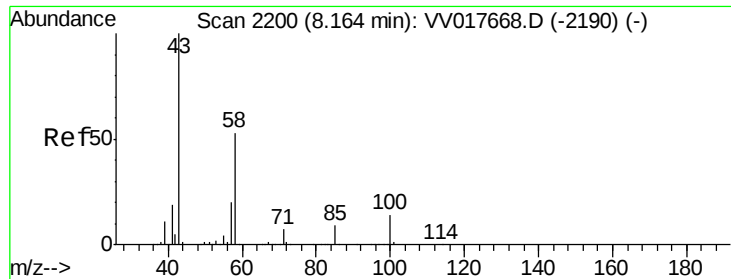
Tot Ion: 83 Resp: 11589
Ion Ratio Lower Upper
83 100
55 0.4 61.8 92.8#
98 2.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.517 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017682.D
Acq: 27 Jul 2020 17:06

Tgt Ion: 63 Resp: 5417
Ion Ratio Lower Upper
63 100
112 1.1 4.5 6.7#

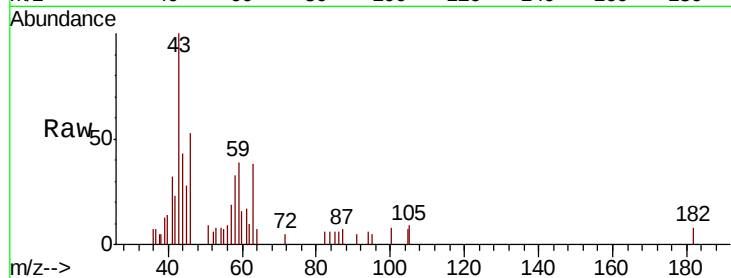




#50
 2-Hexanone
 Concen: 1.029 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: VV017682.D
 Acq: 27 Jul 2020 17:06

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	2.2	41.6	62.4#
57	21.1	15.4	23.0
100	4.9	11.2	16.8#



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

