

Data File : VR025641.D
Acq On : 24 Aug 2018 18:36
Operator : SY/MD
Sample : J4643-01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
H0K10

Quant Time: Aug 24 23:06:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 24 23:05:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	422983	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	366494	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	102017	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	114651	4.16	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	2.63	69	115061	4.84	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	3.63	63	217944	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	6.59	46	145143	69.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.36%#
24) Chloroform-d	7.20	84	227929	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	7.89	65	86206	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	7.86	84	526290	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	8.90	67	150978	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	9.97	98	463110	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	10.24	79	27736	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	10.59	63	140184	59.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.88%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	65850	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	104767	6.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	128.60%#

Target Compounds

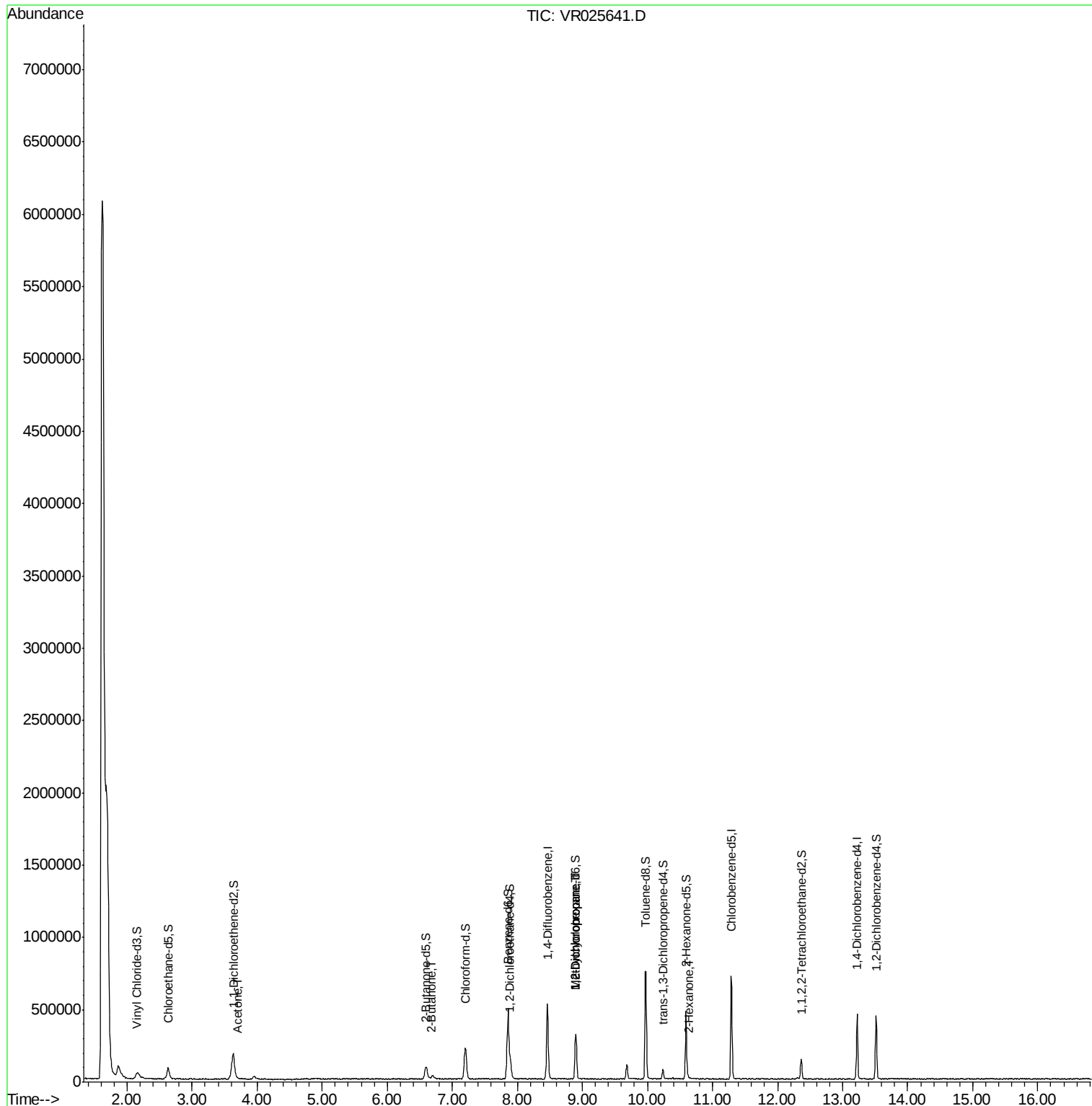
					Qvalue
13) Acetone	3.71	43	2749	2.103 ug/L	61
21) 2-Butanone	6.68	43	727	0.282 ug/L	88
35) Methylcyclohexane	8.90	83	33222	0.666 ug/L #	22
37) 1,2-Dichloropropane	8.90	63	14215	0.484 ug/L	99
48) 2-Hexanone	10.64	43	1087	0.219 ug/L #	18

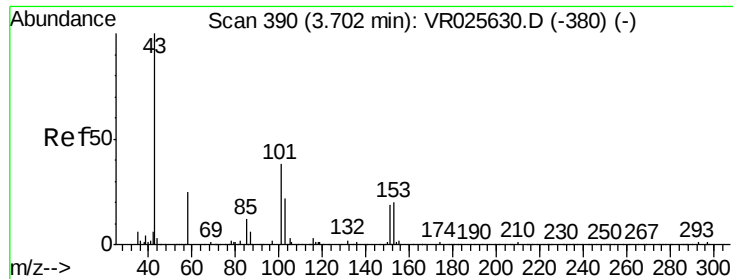
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.103 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025641.D

Acq: 24 Aug 2018 18:36

Instrument :

MSVOA_R

ClientSampleId :

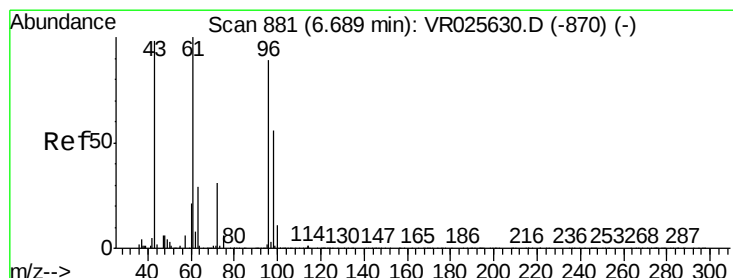
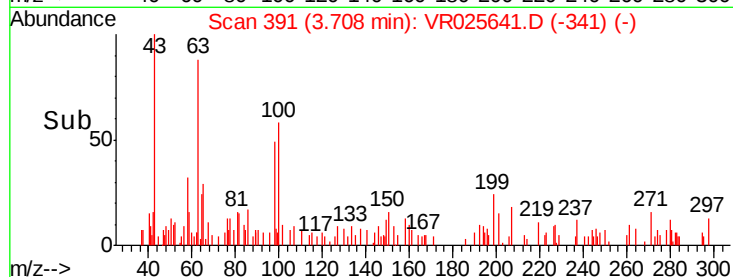
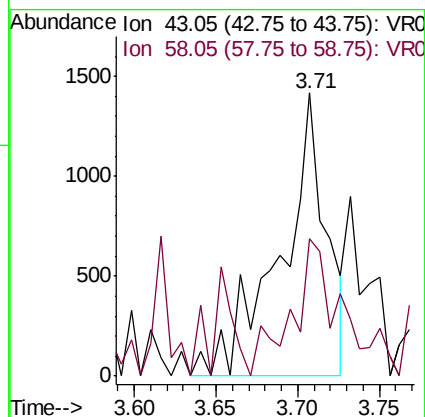
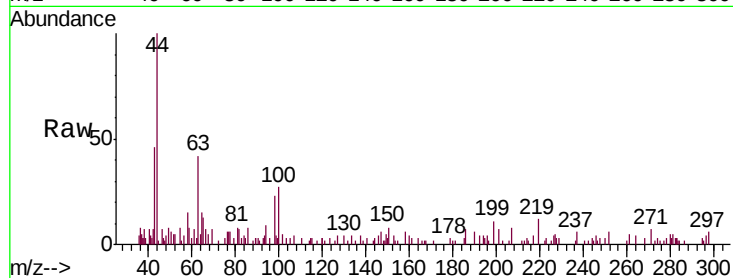
H0K10

Tgt Ion: 43 Resp: 2749

Ion Ratio Lower Upper

43 100

58 53.3 0.0 63.4



#21

2-Butanone

Concen: 0.282 ug/L

RT: 6.68 min Scan# 879

Delta R.T. -0.01 min

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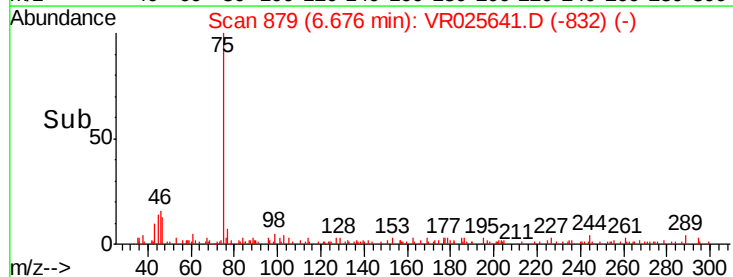
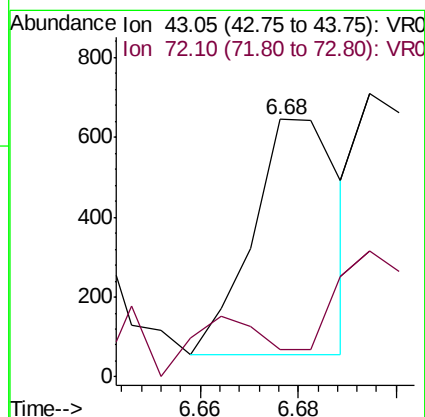
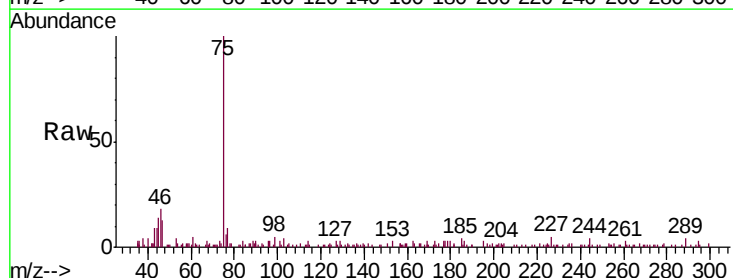
Acq: 24 Aug 2018 18:36

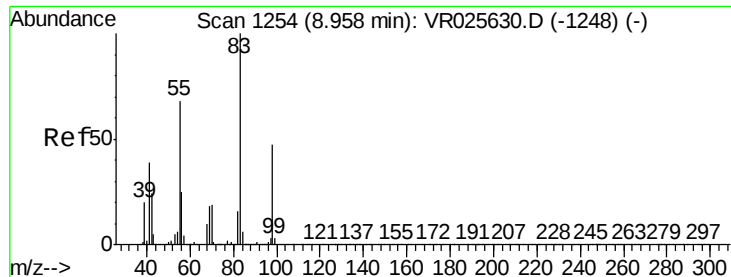
Tgt Ion: 43 Resp: 727

Ion Ratio Lower Upper

43 100

72 22.3 14.3 42.9

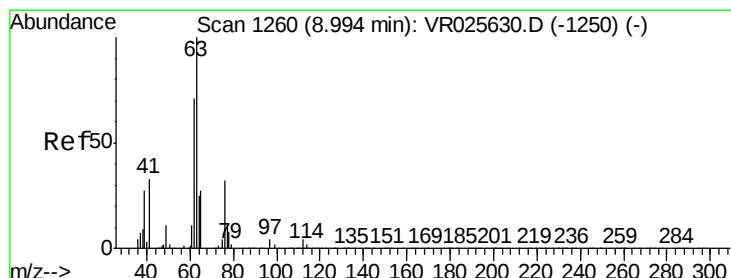
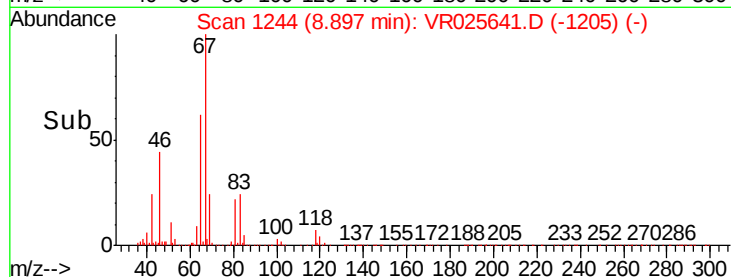
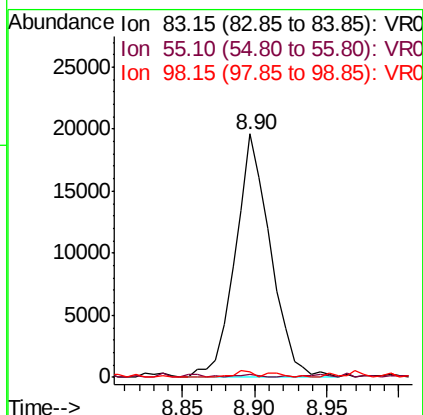
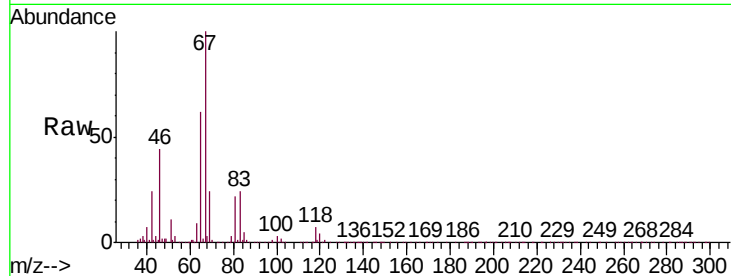




#35
Methylcyclohexane
Concen: 0.666 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
Lab File: VR025641.D
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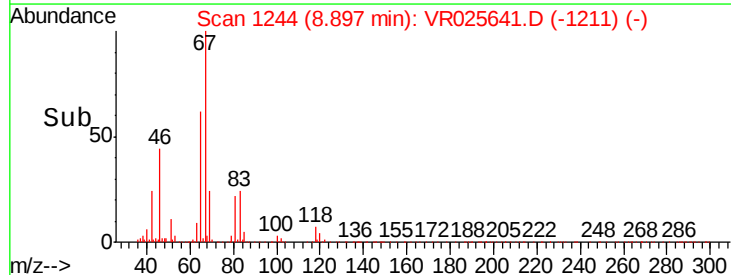
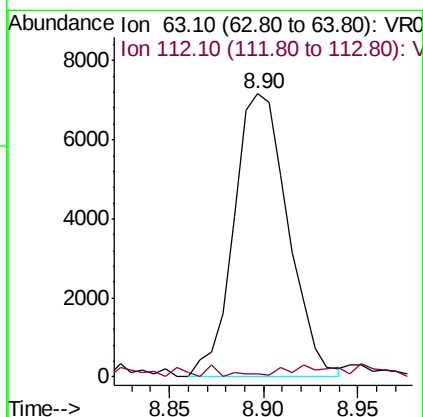
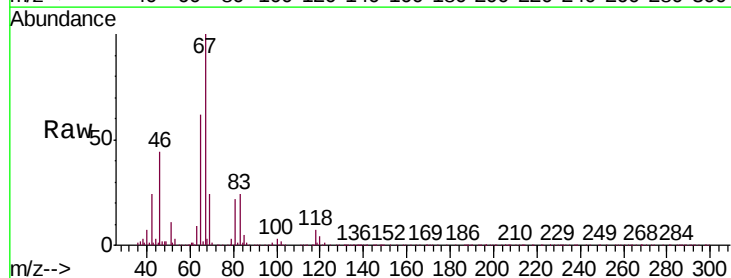
Instrument :
MSVOA_R
ClientSampled :
H0K10

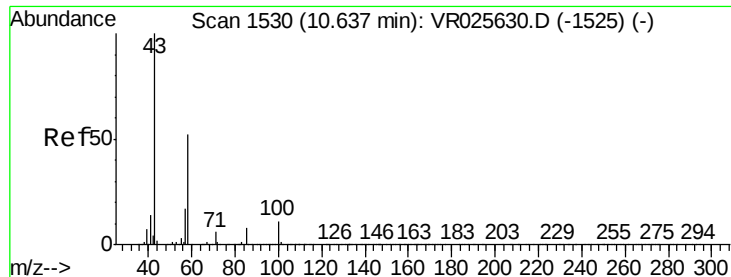
Tgt Ion: 83 Resp: 33222
Ion Ratio Lower Upper
83 100
55 0.7 56.7 85.1#
98 1.5 35.8 53.8#



#37
1,2-Dichloropropane
Concen: 0.484 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025641.D
Acq: 24 Aug 2018 18:36

Tgt Ion: 63 Resp: 14215
Ion Ratio Lower Upper
63 100
112 2.8 2.5 3.7





#48

2-Hexanone

Concen: 0.219 ug/L

RT: 10.64 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VR025641.D

Acq: 24 Aug 2018 18:36

Instrument :

MSVOA_R

ClientSampleId :

H0K10

Tgt Ion: 43 Resp: 1087

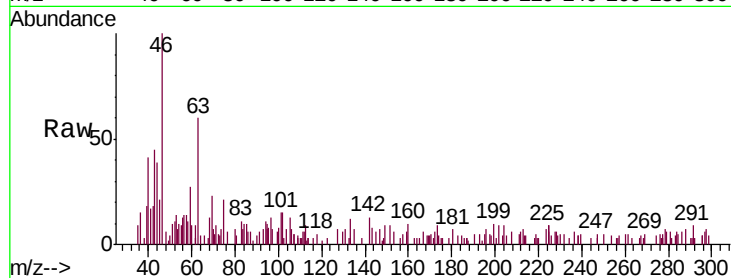
Ion Ratio Lower Upper

43 100

58 0.0 46.4 69.6#

57 54.8 14.3 21.5#

100 47.5 8.8 13.2#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

