

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011121\
 Data File : VW017821.D
 Acq On : 11 Jan 2021 16:02
 Operator : SY/VA
 Sample : M1074-09
 Misc : 6.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 12 05:26:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 12 05:24:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	307293	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	276182	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	129342	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	109519	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.12%
7) Chloroethane-d5	2.89	69	87600	22.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.28%
10) 1,1-Dichloroethene-d2	4.02	63	145297	17.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.16%
20) 2-Butanone-d5	7.08	46	36584	47.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.94%
24) Chloroform-d	7.65	84	182626	22.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.96%
26) 1,2-Dichloroethane-d4	8.46	65	57	0.01	ug/L	0.16
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	362886	23.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.32%
33) 1,2-Dichloropropane-d6	9.27	67	105038	24.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.96%
37) Toluene-d8	10.32	98	336704	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.12%
38) trans-1,3-Dichloropropene-	10.58	79	41602	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.04%
39) 2-Hexanone-d5	10.93	63	25581	47.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	69614	21.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	98890	21.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.84%

Target Compounds

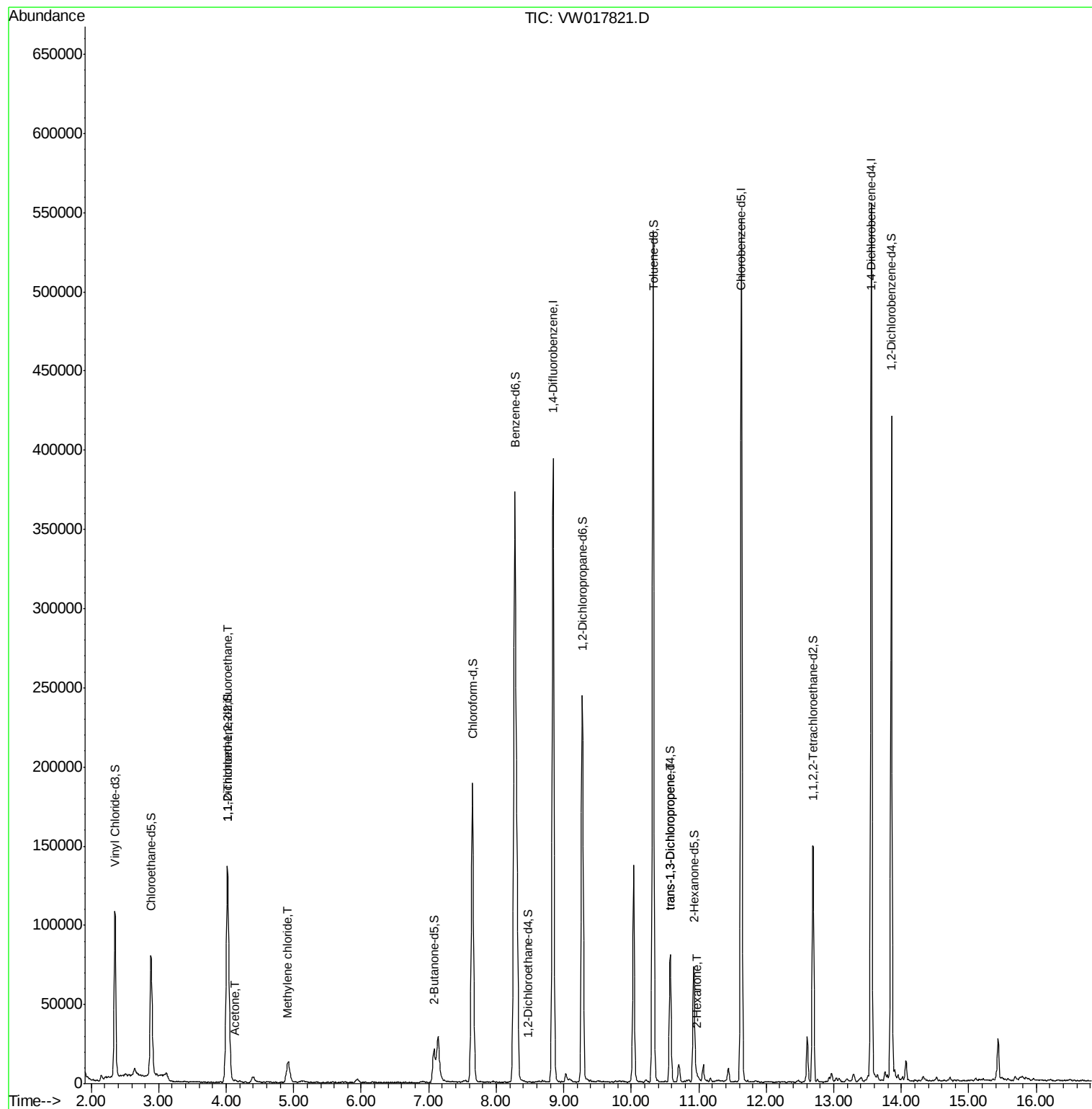
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1311	0.336 ug/L #	20
13) Acetone	4.13	43	2205	3.314 ug/L	71
16) Methylene chloride	4.90	84	4118	0.937 ug/L	96
45) trans-1,3-Dichloropropene	10.57	75	2510	0.495 ug/L	98
49) 2-Hexanone	10.98	43	1139	0.886 ug/L #	87

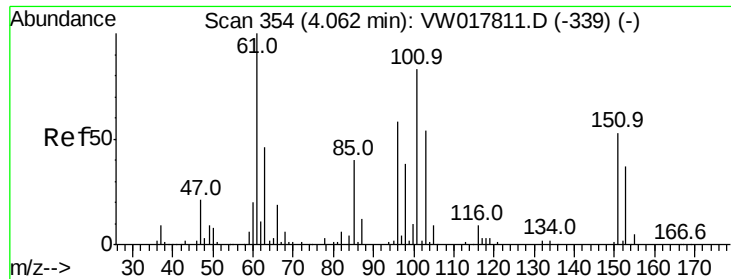
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jan 12 05:24:59 2021
Response via : Initial Calibration





#11

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

Concen: 0.336 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.04 min

Lab File: VW017821.D

Acq: 11 Jan 2021 16:02

Instrument :

MSVOA_W

ClientSampled :

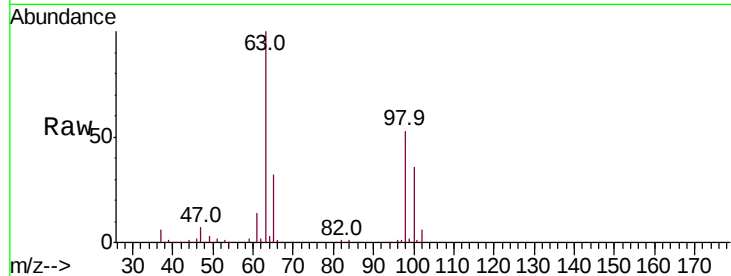
Tot Ion:101 Resp: 1311

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

151 0.0 57.7 86.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V

4.02

600

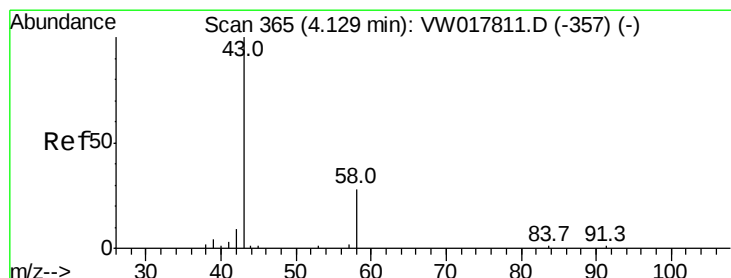
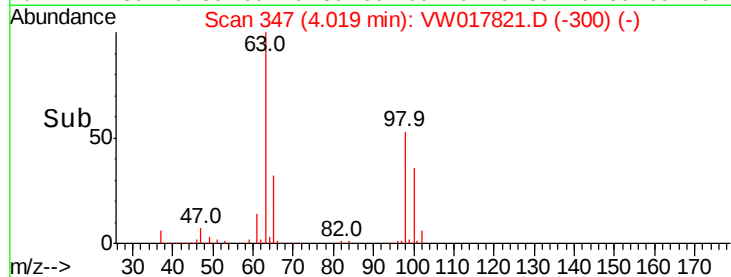
400

200

0

3.95 4.00 4.05 4.10

Time-->



#13

Acetone

Concen: 3.314 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017821.D

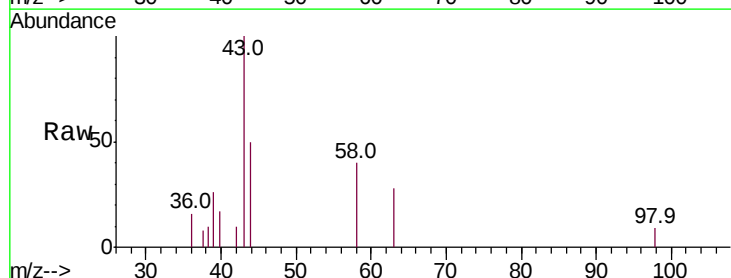
Acq: 11 Jan 2021 16:02

Tgt Ion: 43 Resp: 2205

Ion Ratio Lower Upper

43 100

58 14.8 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

800

600

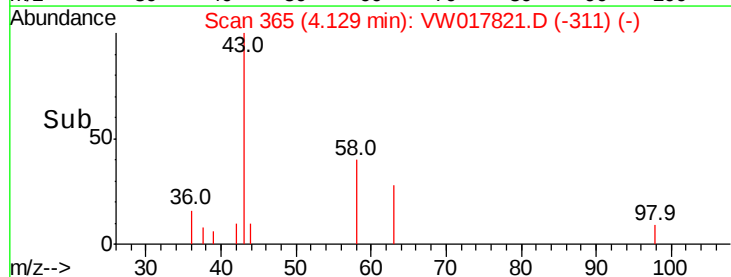
400

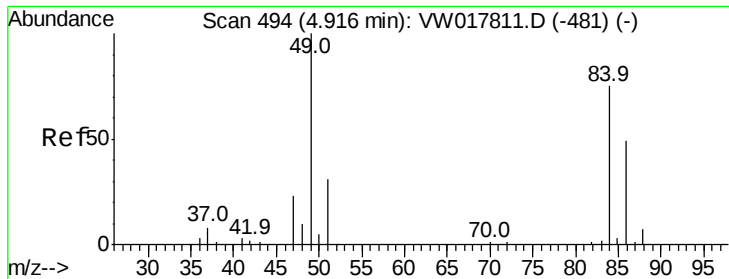
200

0

4.05 4.10 4.15 4.20

Time-->

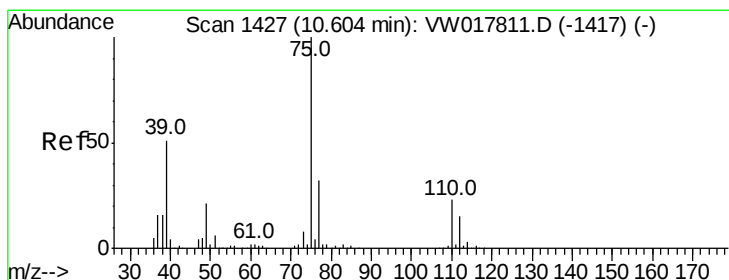
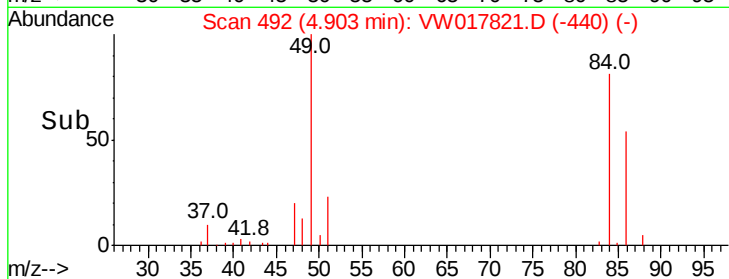
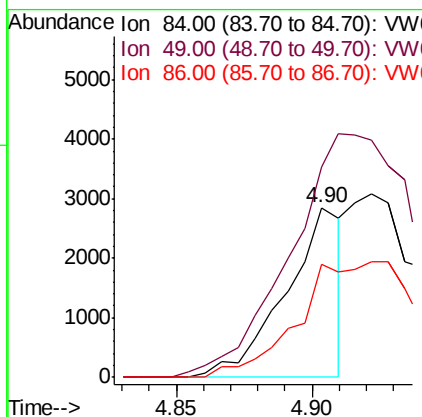
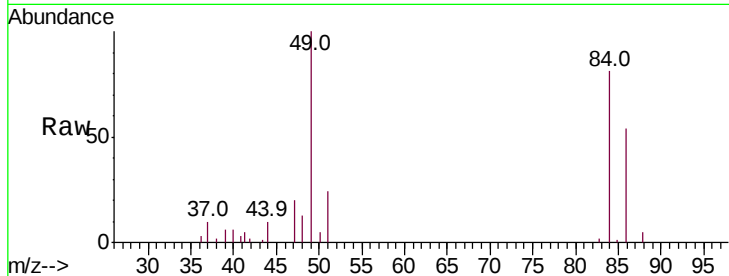




#16
Methvlene chloride
Concen: 0.937 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW017821.D
Acq: 11 Jan 2021 16:02

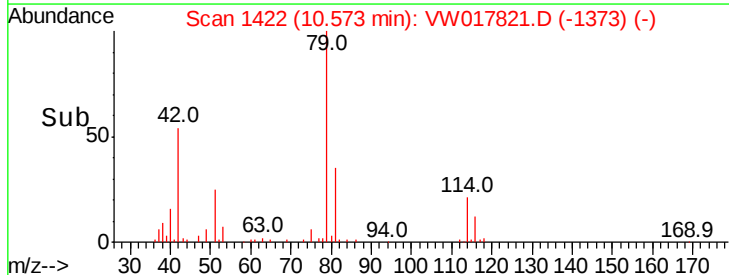
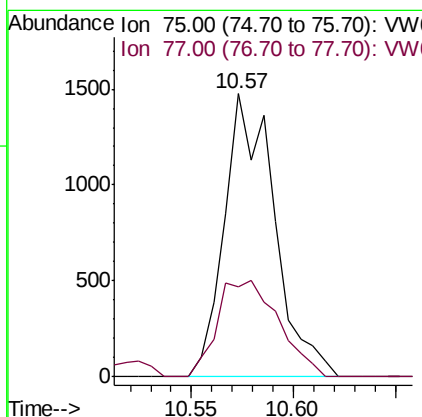
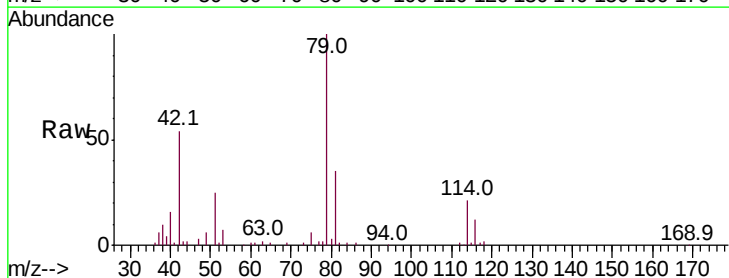
Instrument :
MSVOA_W
ClientSampled :

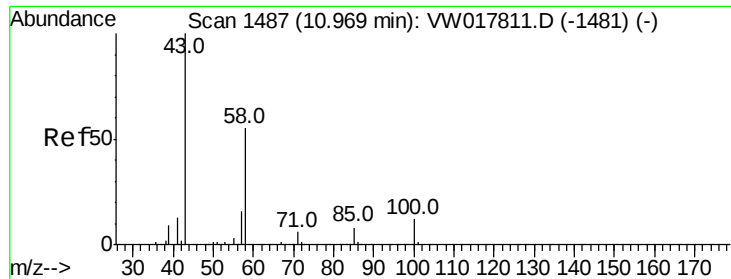
Tot Ion: 84 Resp: 4118
Ion Ratio Lower Upper
84 100
49 123.9 90.5 168.1
86 66.7 44.8 83.2



#45
trans-1,3-Dichloropropene
Concen: 0.495 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
Lab File: VW017821.D
Acq: 11 Jan 2021 16:02

Tgt Ion: 75 Resp: 2510
Ion Ratio Lower Upper
75 100
77 31.9 21.6 40.0





#49

2-Hexanone

Concen: 0.886 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

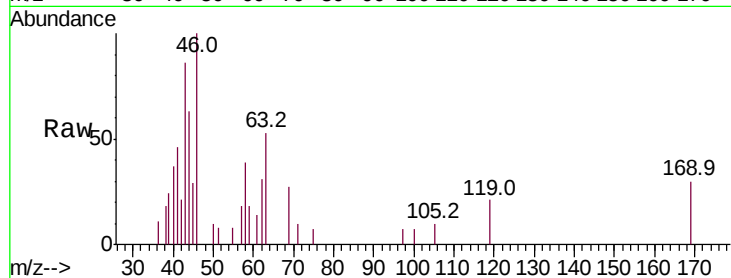
Lab File: VW017821.D

Acq: 11 Jan 2021 16:02

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion: 43 Resp: 1139

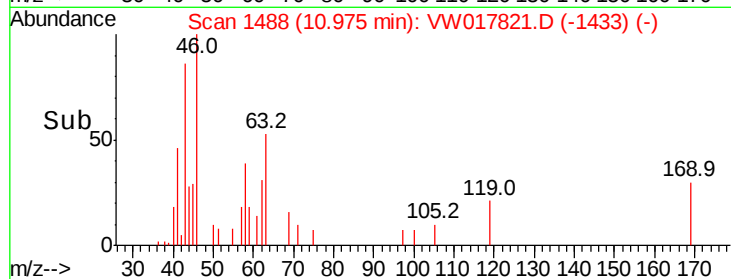
Ion Ratio Lower Upper

43 100

58 52.4 44.2 66.4

57 37.8 16.1 24.1#

100 8.1 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

