

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
 Data File : VW004059.D
 Acq On : 20 Jul 2018 02:34
 Operator : VA/AP
 Sample : J4023-10
 Misc : 5.25G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1L2

Quant Time: Jul 20 07:23:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 07:22:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	303271	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	283648	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	117830	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	64435	21.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.92%
7) Chloroethane-d5	2.89	69	50886	23.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.12%
10) 1,1-Dichloroethene-d2	4.01	63	116076	16.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.52%
20) 2-Butanone-d5	7.09	46	55964	31.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.62%
24) Chloroform-d	7.65	84	182312	25.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.32%
26) 1,2-Dichloroethane-d4	8.31	65	107187	24.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.88%
29) Benzene-d6	8.28	84	328539	24.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.88%
33) 1,2-Dichloropropane-d6	9.28	67	115202	26.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.00%
37) Toluene-d8	10.33	98	281402	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.20%
38) trans-1,3-Dichloropropene-	10.58	79	40389	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.76%
39) 2-Hexanone-d5	10.93	63	37988	32.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.32%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	101149	21.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	100152	26.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.72%

Target Compounds

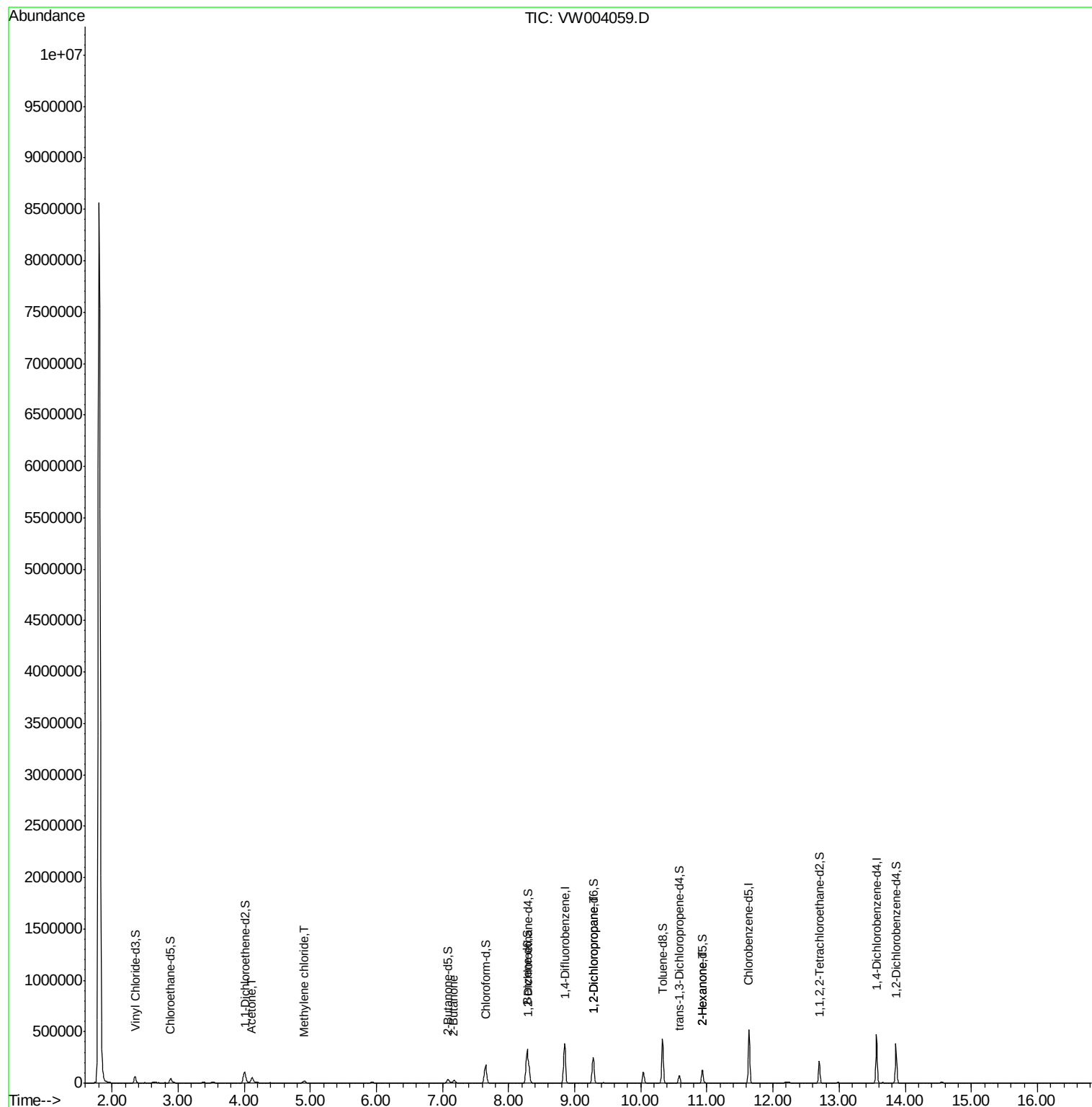
					Qvalue
13) Acetone	4.12	43	91424	47.805	ug/L 100
16) Methylene chloride	4.91	84	13469	2.315	ug/L 95
21) 2-Butanone	7.17	43	40904	17.238	ug/L 98
40) 1,2-Dichloropropane	9.28	63	13283	2.818	ug/L # 90
49) 2-Hexanone	10.93	43	7959	2.481	ug/L # 44

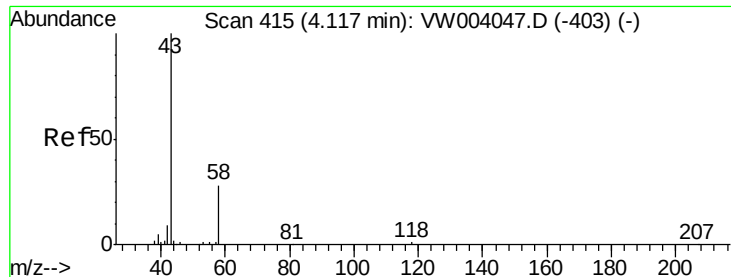
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 47.805 ug/L

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

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ClientSampleId :

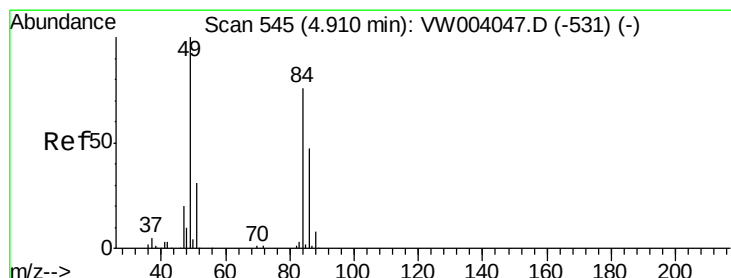
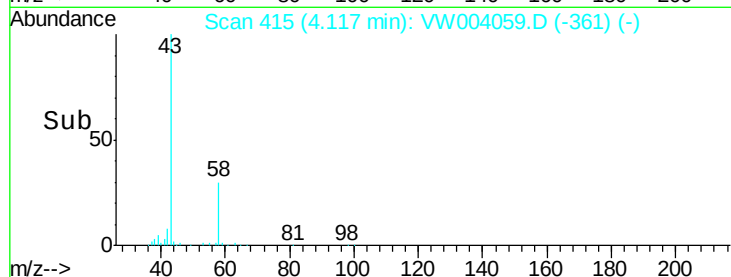
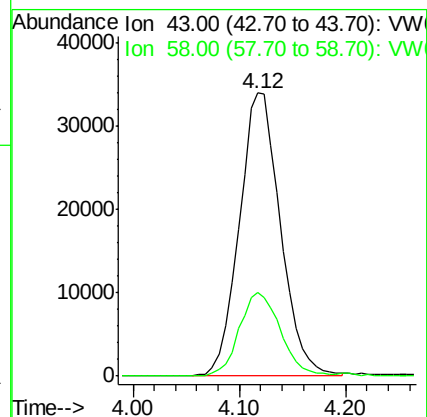
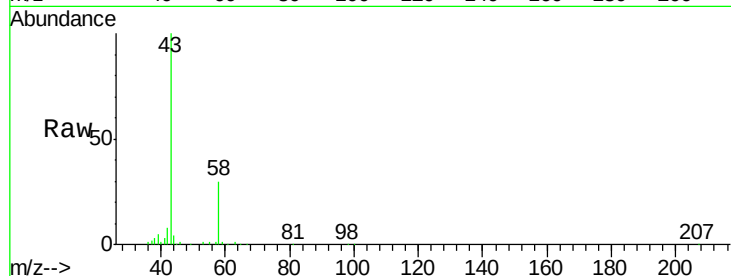
DB1L2

Tgt Ion: 43 Resp: 91424

Ion Ratio Lower Upper

43 100

58 29.8 0.0 59.4



#16

Methylene chloride

Concen: 2.315 ug/L

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

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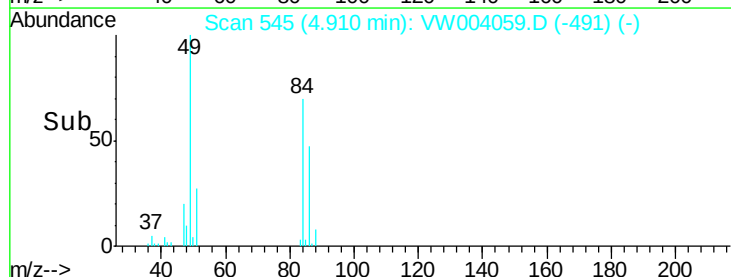
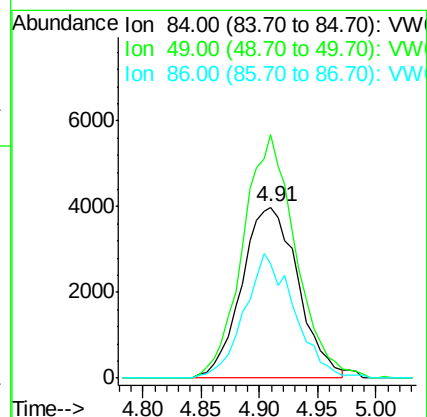
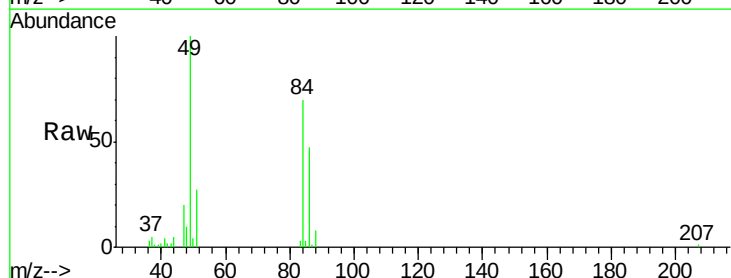
Tgt Ion: 84 Resp: 13469

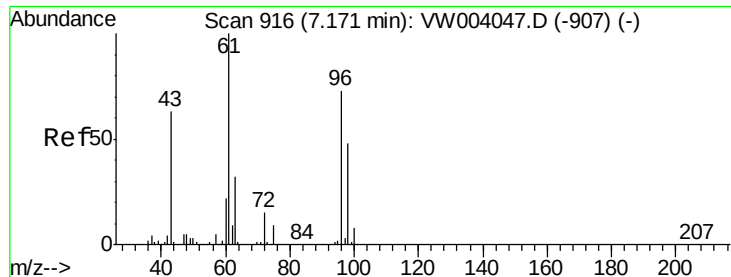
Ion Ratio Lower Upper

84 100

49 142.2 94.2 175.0

86 66.9 45.1 83.9





#21

2-Butanone

Concen: 17.238 ug/L

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

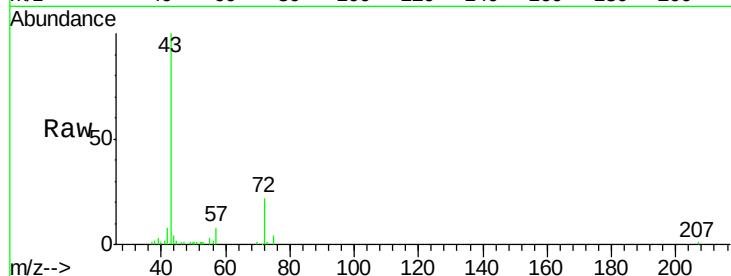
DB1L2

Tgt Ion: 43 Resp: 40904

Ion Ratio Lower Upper

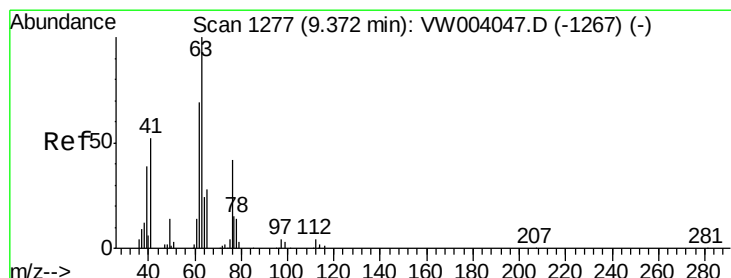
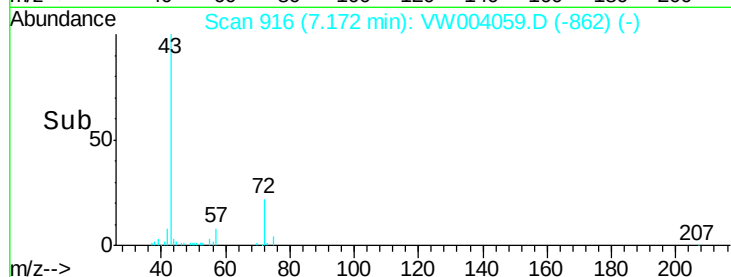
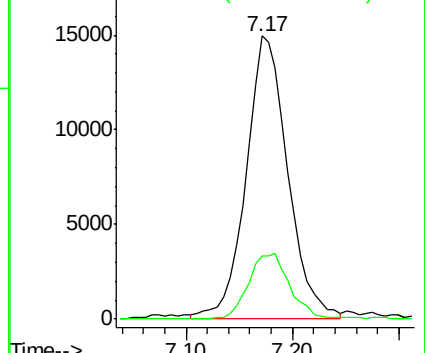
43 100

72 23.0 12.1 36.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#40

1,2-Dichloropropane

Concen: 2.818 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.09 min

Lab File: VW004059.D

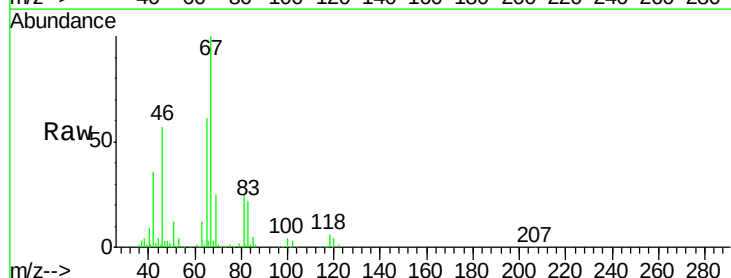
Acq: 20 Jul 2018 02:34

Tgt Ion: 63 Resp: 13283

Ion Ratio Lower Upper

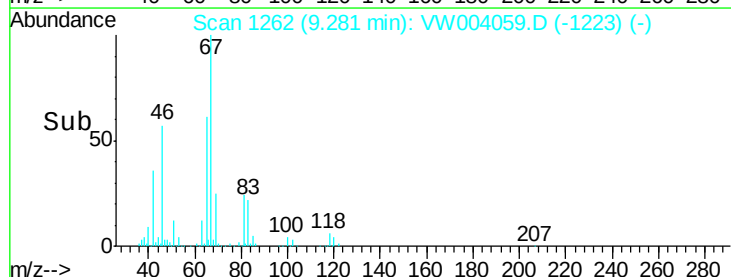
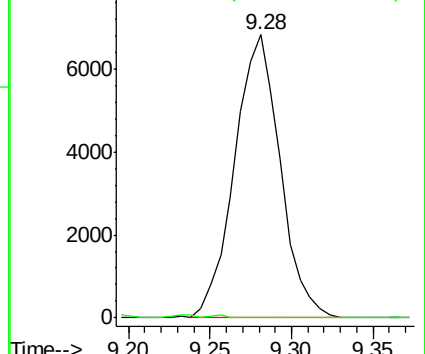
63 100

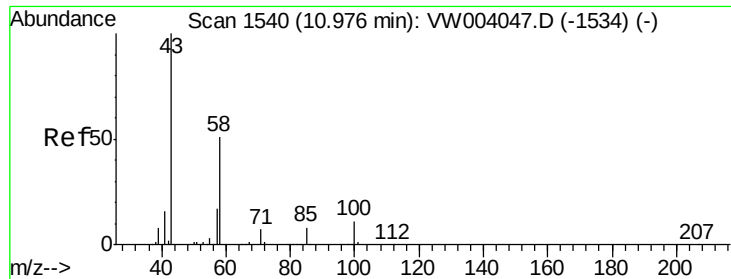
112 0.3 3.0 4.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#49

2-Hexanone

Concen: 2.481 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

Lab File: VW004059.D

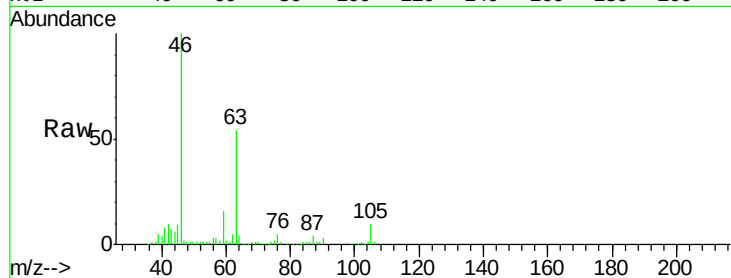
Acq: 20 Jul 2018 02:34

Instrument :

MSVOA_W

ClientSampleId :

DB1L2



Tgt Ion: 43 Resp: 7959

Ion Ratio Lower Upper

43 100

58 0.0 40.4 60.6#

57 28.1 14.0 21.0#

100 0.7 8.2 12.2#

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

