

Data File : VW011888.D
Acq On : 13 Aug 2019 11:55
Operator : SY/VA
Sample : K4215-19
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOD5

Quant Time: Aug 14 04:58:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 14 04:55:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	226856	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	141560	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	31465	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	65909	20.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.52%
7) Chloroethane-d5	2.89	69	58808	25.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.24%
10) 1,1-Dichloroethene-d2	4.01	63	118471	16.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.72%
20) 2-Butanone-d5	7.09	46	17511	12.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	24.34%
24) Chloroform-d	7.65	84	127243	20.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.68%
26) 1,2-Dichloroethane-d4	8.31	65	84087	22.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.24%
29) Benzene-d6	8.27	84	264399	29.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.80%
33) 1,2-Dichloropropane-d6	9.27	67	86845	30.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.88%#
37) Toluene-d8	10.32	98	183326	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.80%
38) trans-1,3-Dichloropropene-	10.58	79	14335	11.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	45.52%
39) 2-Hexanone-d5	10.93	63	11864	17.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	35.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	50158	21.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	25451	20.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.96%

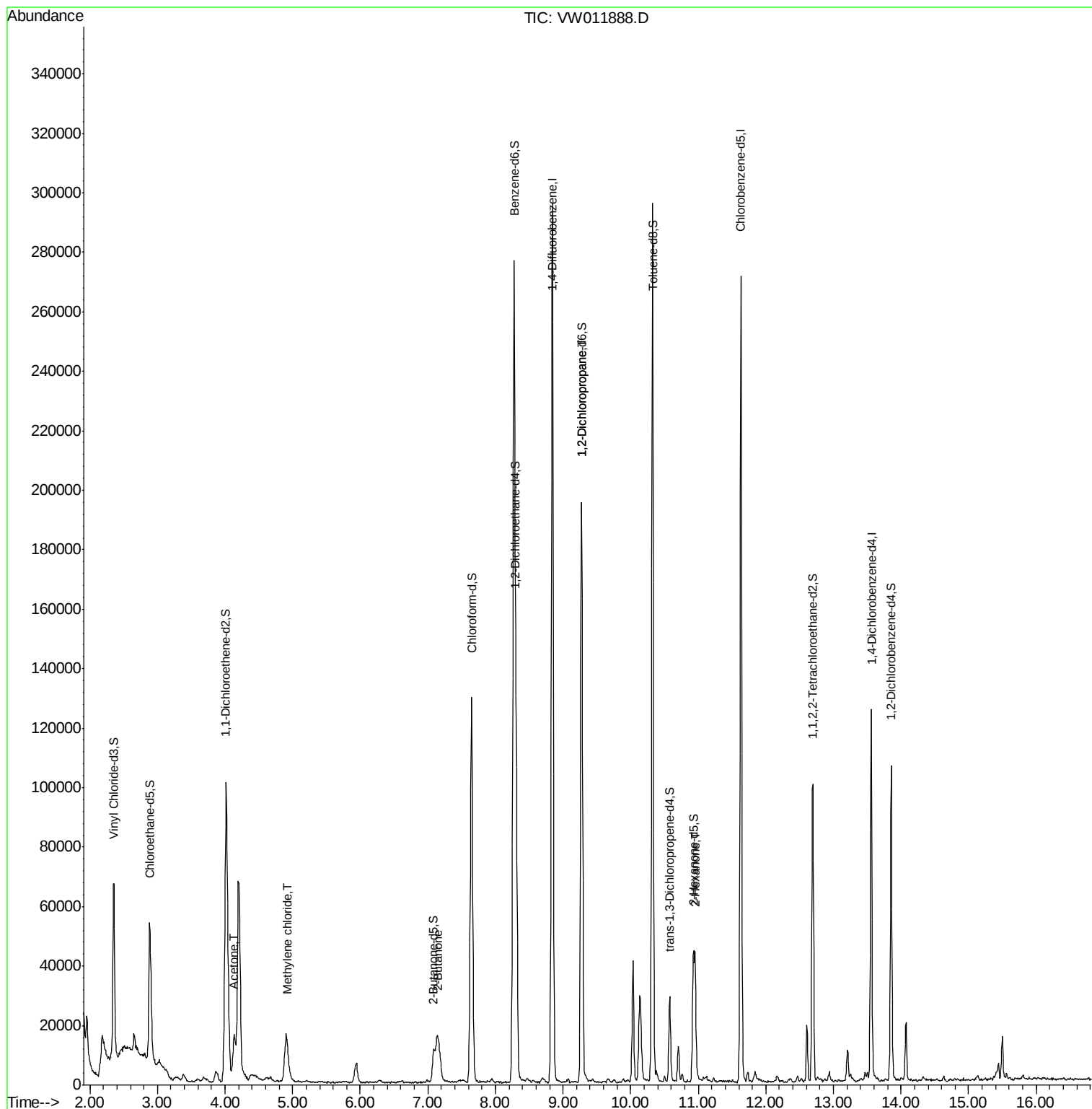
Target Compounds					Qvalue
13) Acetone	4.14	43	29617	19.226	ug/L 100
16) Methylene chloride	4.92	84	8612	2.433	ug/L 97
21) 2-Butanone	7.15	43	31294	16.203	ug/L # 72
40) 1,2-Dichloropropane	9.27	63	10495	3.963	ug/L # 88
49) 2-Hexanone	10.96	43	27416	14.832	ug/L # 48

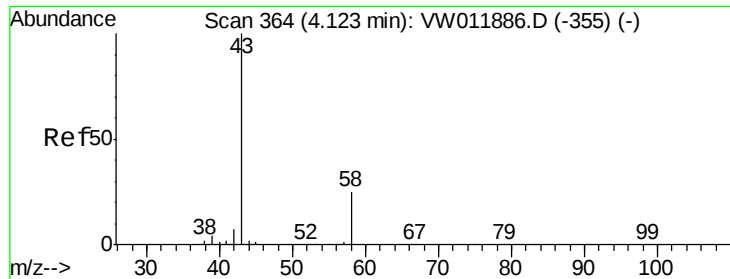
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 19.226 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

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Instrument :

MSVOA_W

ClientSampled :

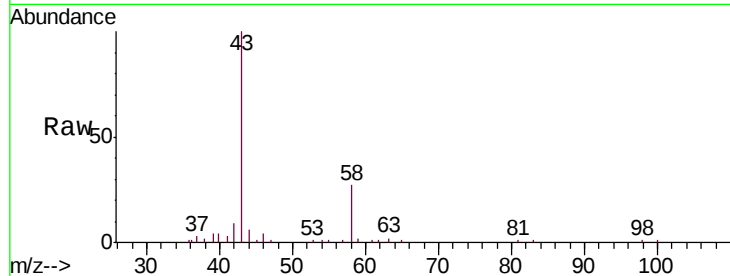
ETOD5

Tgt Ion: 43 Resp: 29617

Ion Ratio Lower Upper

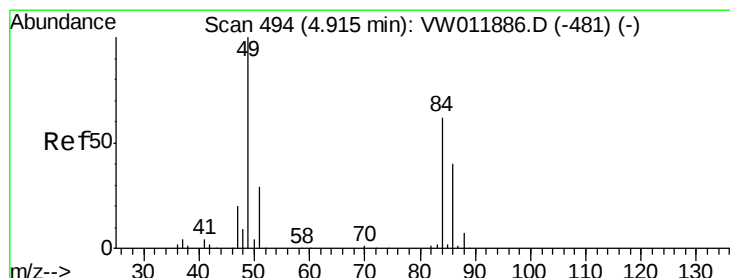
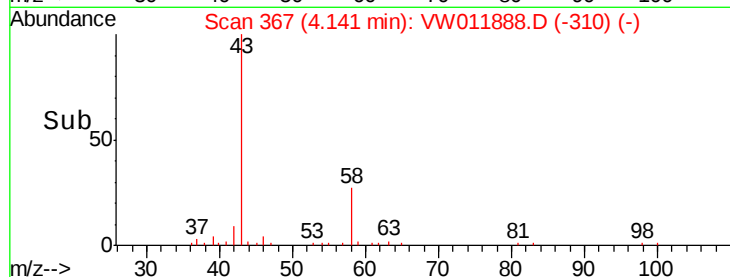
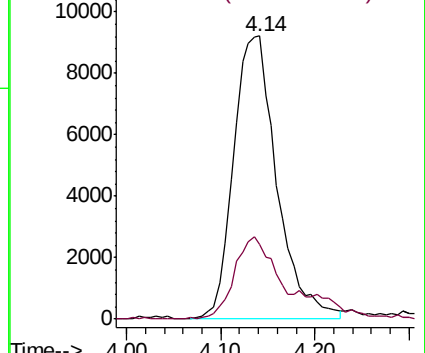
43 100

58 26.7 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.433 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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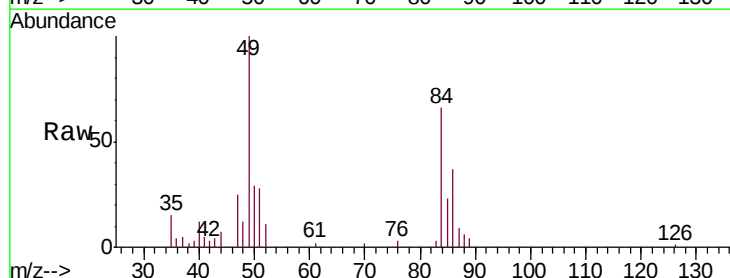
Tgt Ion: 84 Resp: 8612

Ion Ratio Lower Upper

84 100

49 151.4 106.8 198.4

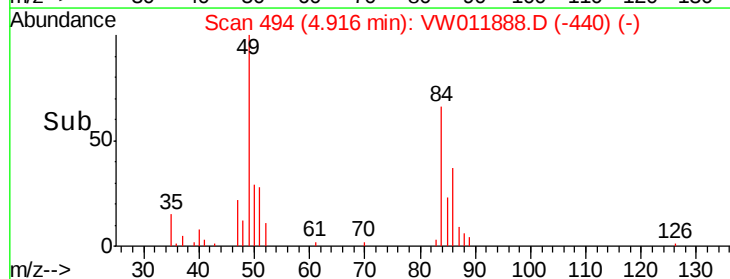
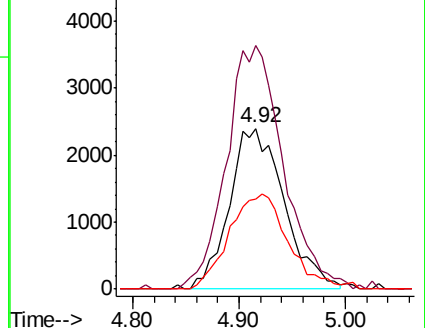
86 56.1 42.8 79.4

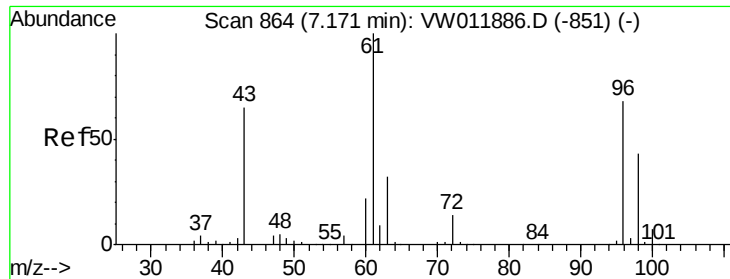


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 16.203 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

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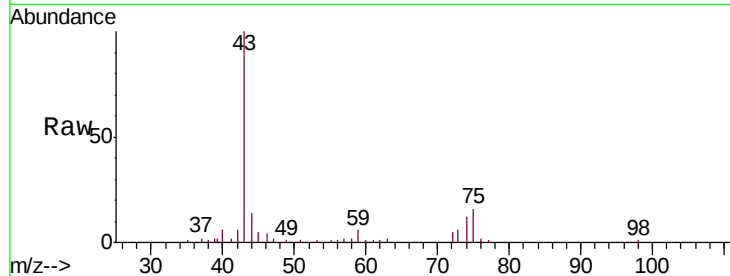
Instrument :
MSVOA_W
ClientSampleId :
ETOD5

Tgt Ion: 43 Resp: 31294

Ion Ratio Lower Upper

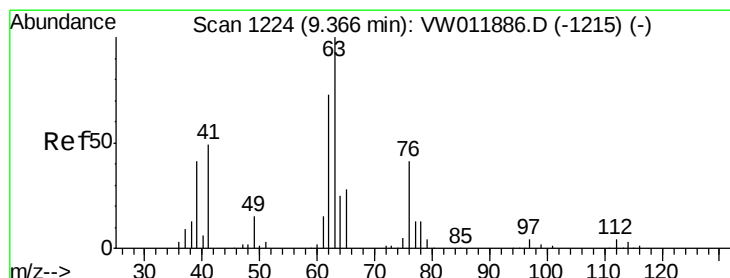
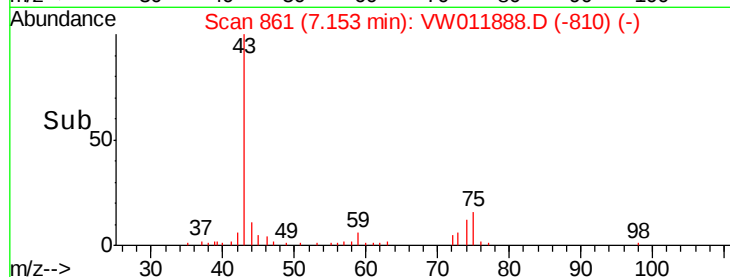
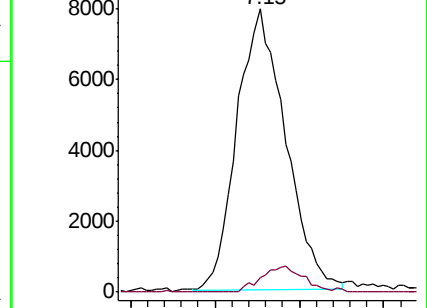
43 100

72 8.0 10.7 32.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#40

1,2-Dichloropropane

Concen: 3.963 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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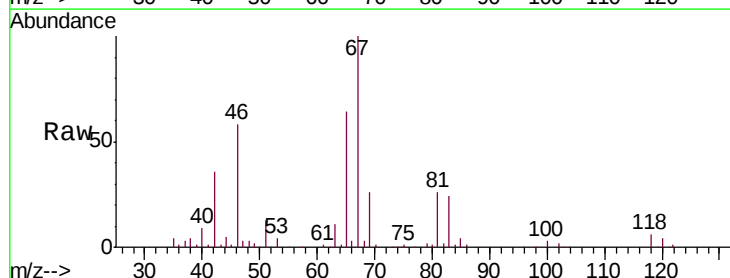
Acq: 13 Aug 2019 11:55

Tgt Ion: 63 Resp: 10495

Ion Ratio Lower Upper

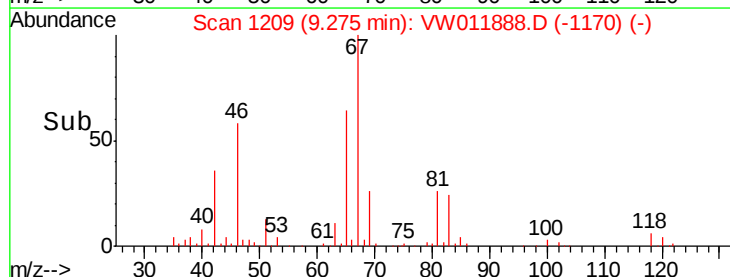
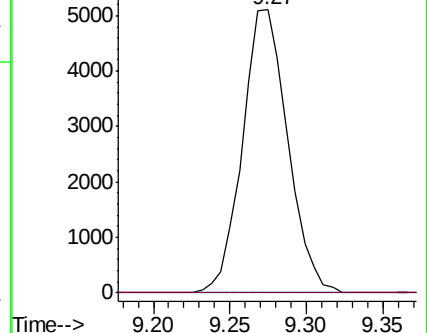
63 100

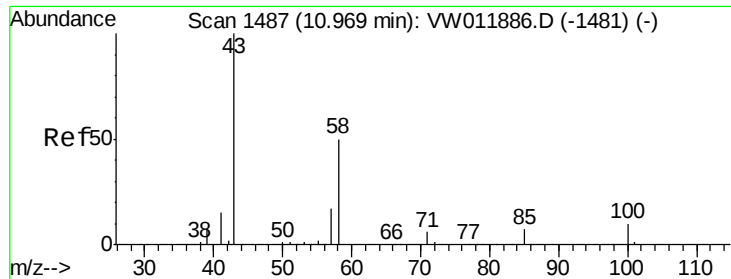
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#49

2-Hexanone

Concen: 14.832 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW011888.D

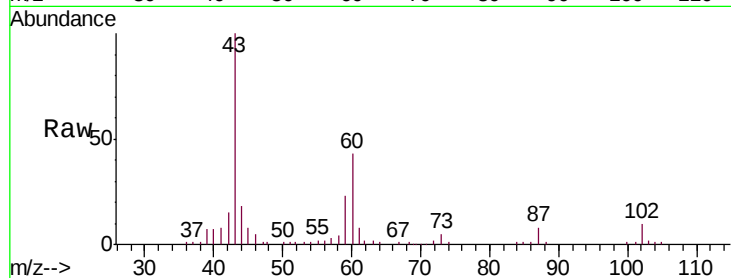
Acq: 13 Aug 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

ETOD5



Tgt Ion: 43 Resp: 27416

Ion Ratio Lower Upper

43 100

58 5.0 38.6 57.8#

57 1.3 13.0 19.6#

100 0.5 7.5 11.3#

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

