

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061820\
 Data File : VW015632.D
 Acq On : 18 Jun 2020 13:49
 Operator : SY/VA
 Sample : L3027-11
 Misc : 5.79G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2L4

Quant Time: Jun 19 07:32:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 07:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	330995	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	285091	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	111814	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	105197	34.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	138.72%
7) Chloroethane-d5	2.90	69	89094	29.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.12%
10) 1,1-Dichloroethene-d2	4.01	63	153772	20.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.24%
20) 2-Butanone-d5	7.09	46	44063	44.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.98%
24) Chloroform-d	7.65	84	202873	26.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	8.31	65	113287	26.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.40%
29) Benzene-d6	8.27	84	400826	28.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.68%
33) 1,2-Dichloropropane-d6	9.27	67	115924	27.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.12%
37) Toluene-d8	10.32	98	362615	26.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.72%
38) trans-1,3-Dichloropropene-	10.58	79	46290	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.20%
39) 2-Hexanone-d5	10.93	63	35247	47.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	77822	24.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	95461	25.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.92%

Target Compounds

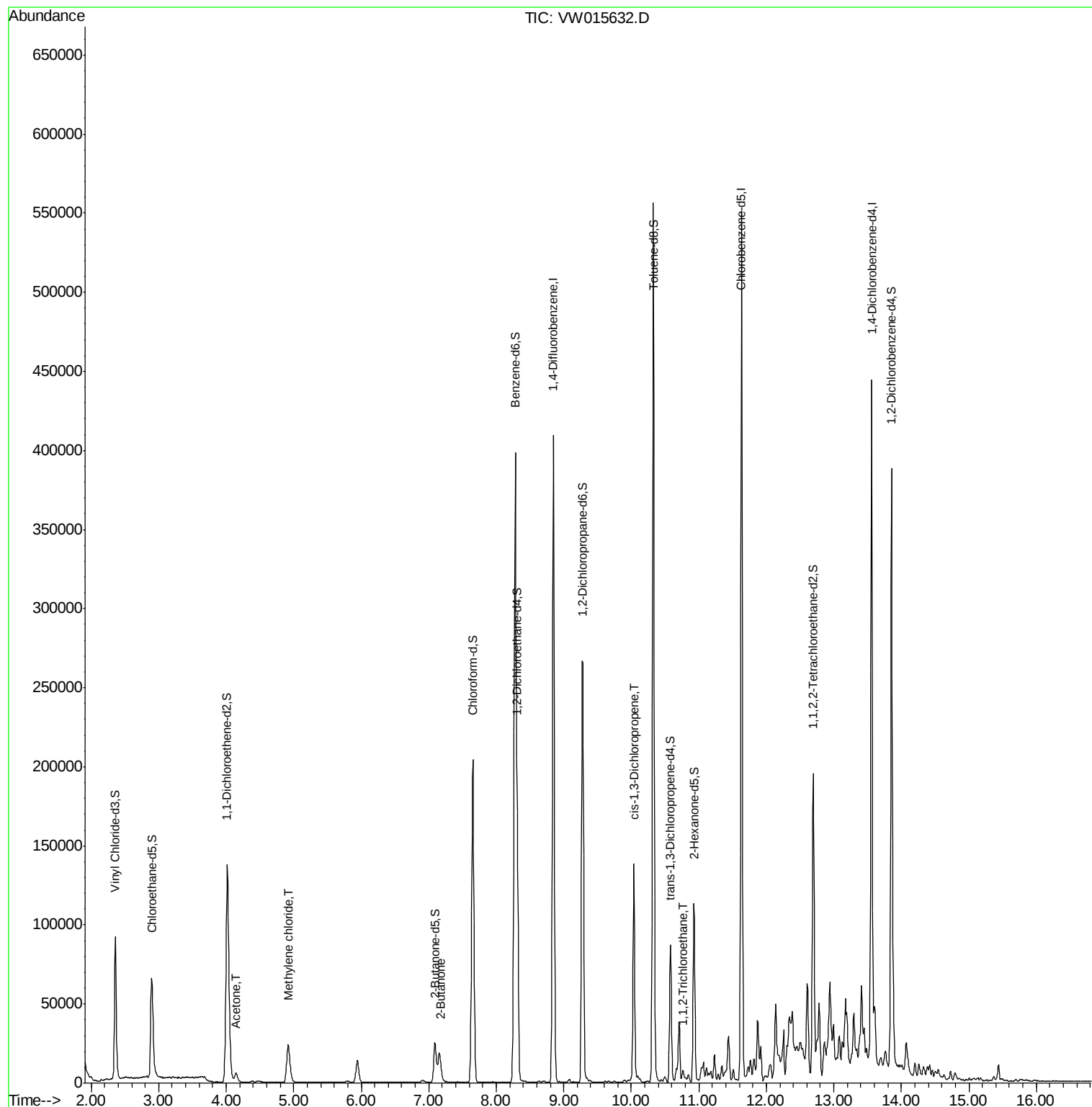
					Ovalue
13) Acetone	4.14	43	10645	13.904	ug/L 98
16) Methylene chloride	4.92	84	19393	4.774	ug/L 96
21) 2-Butanone	7.18	43	3553	3.021	ug/L 91
42) cis-1,3-Dichloropropene	10.04	75	3891	0.619	ug/L 85
46) 1,1,2-Trichloroethane	10.76	97	2629	0.957	ug/L # 23

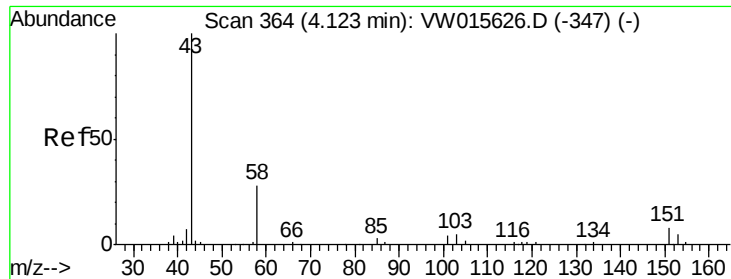
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 13.904 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW015632.D

Acq: 18 Jun 2020 13:49

Instrument :

MSVOA_W

ClientSampleId :

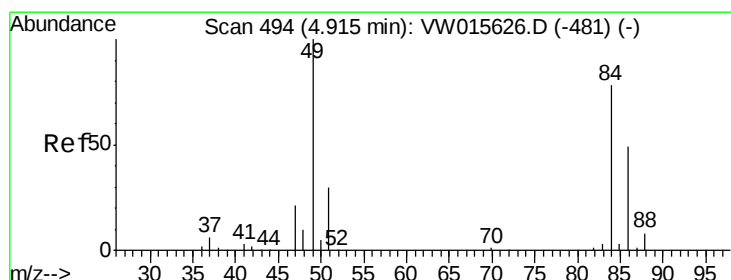
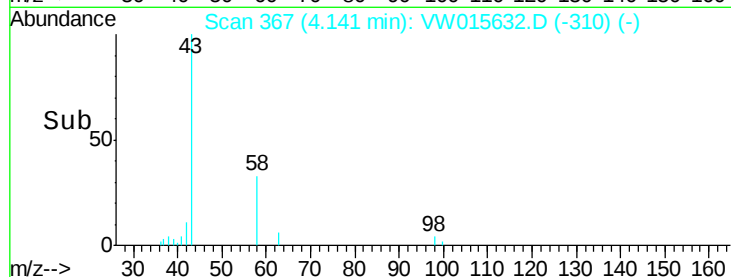
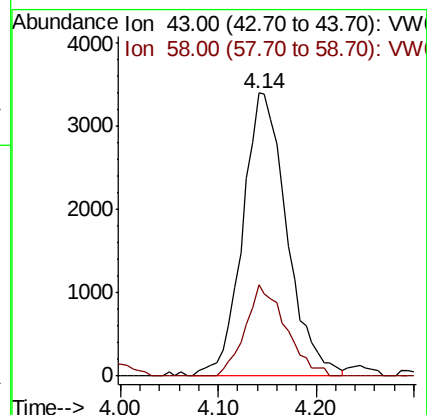
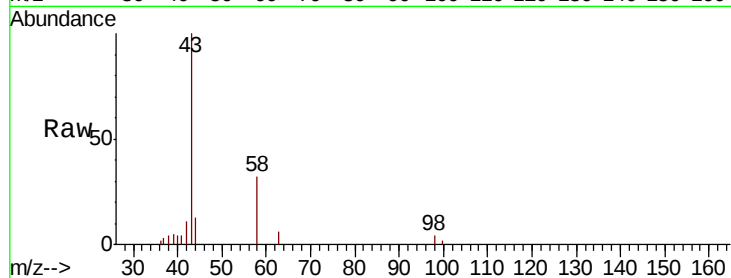
BG2L4

Tot Ion: 43 Resp: 10645

Ion Ratio Lower Upper

43 100

58 29.3 0.0 56.8



#16

Methylene chloride

Concen: 4.774 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015632.D

Acq: 18 Jun 2020 13:49

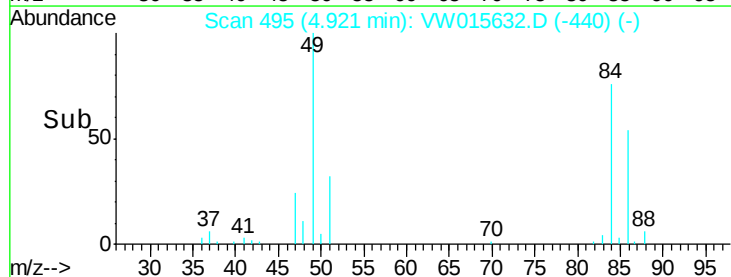
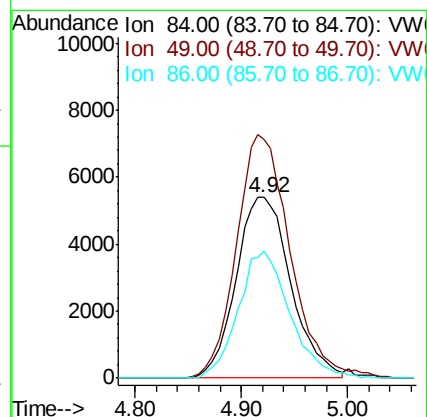
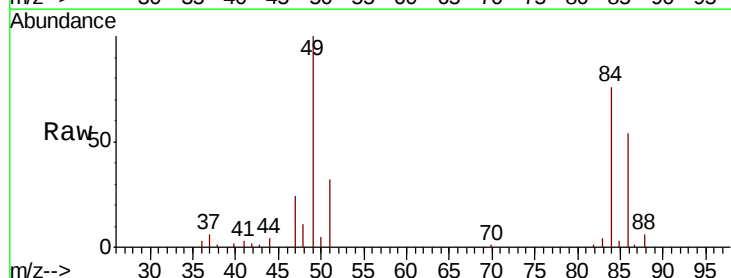
Tgt Ion: 84 Resp: 19393

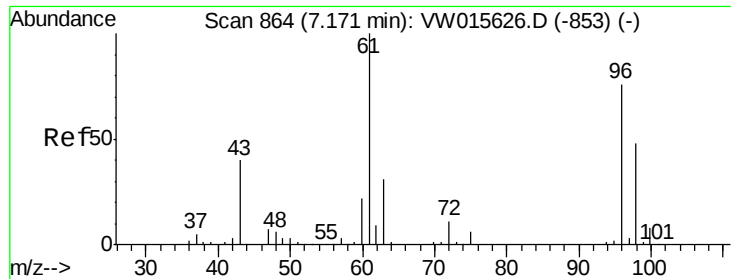
Ion Ratio Lower Upper

84 100

49 131.9 93.0 172.8

86 72.0 44.7 83.1





#21

2-Butanone

Concen: 3.021 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015632.D

Acq: 18 Jun 2020 13:49

Instrument :

MSVOA_W

ClientSampled :

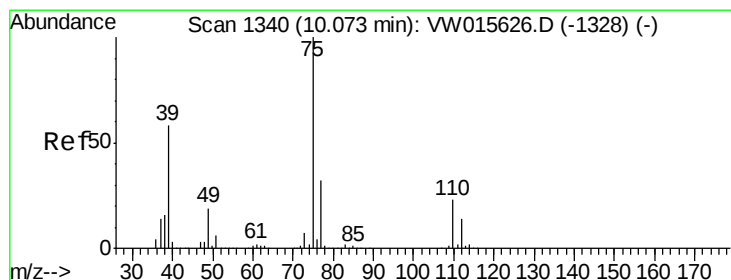
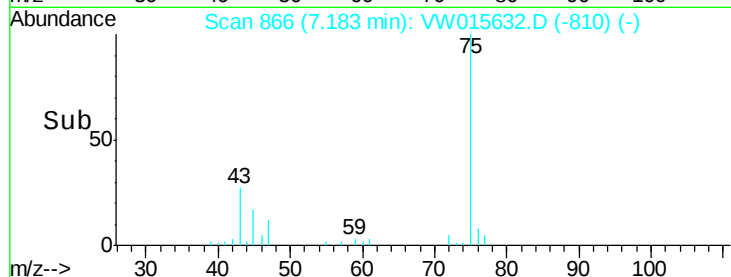
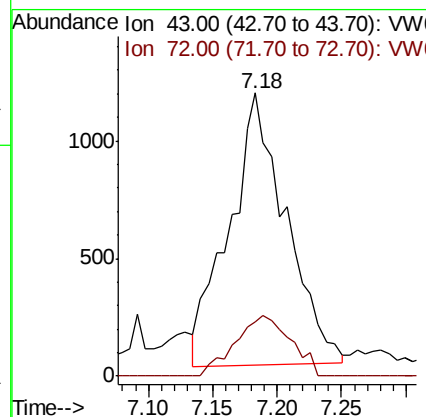
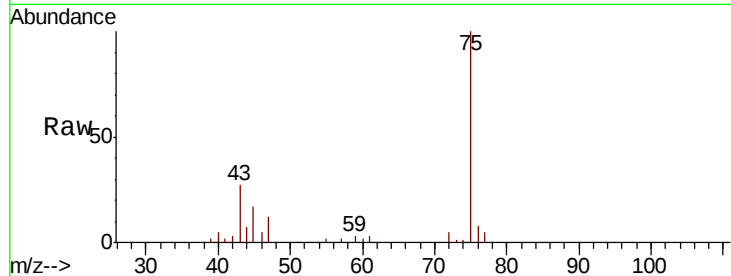
BG2L4

Tot Ion: 43 Resp: 3553

Ion Ratio Lower Upper

43 100

72 21.8 13.3 39.9



#42

cis-1,3-Dichloropropene

Concen: 0.619 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015632.D

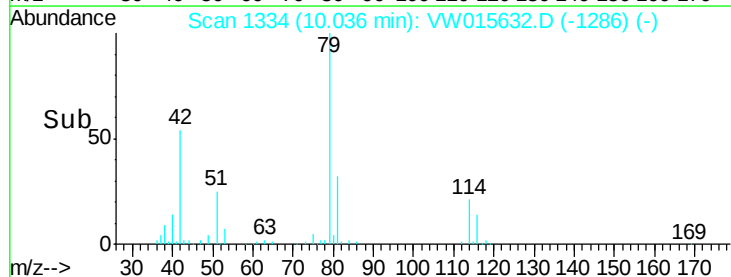
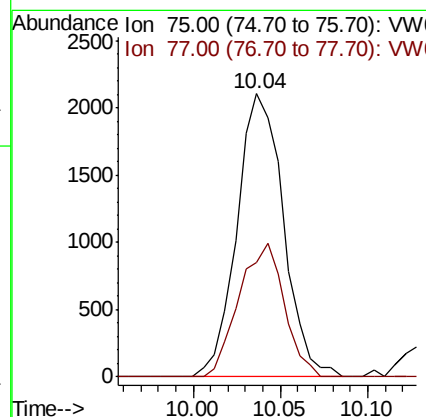
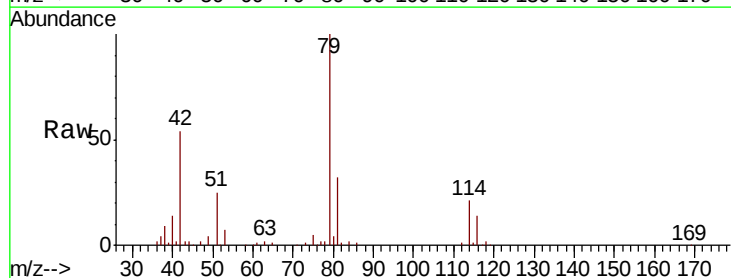
Acq: 18 Jun 2020 13:49

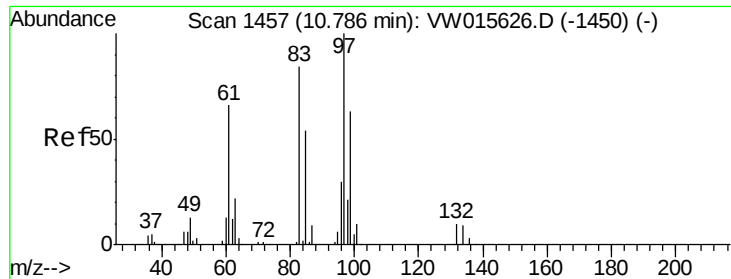
Tgt Ion: 75 Resp: 3891

Ion Ratio Lower Upper

75 100

77 40.4 22.3 41.5





#46

1,1,2-Trichloroethane

Concen: 0.957 ug/L

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW015632.D

Acq: 18 Jun 2020 13:49

Instrument :

MSVOA_W

ClientSampleId :

BG2L4

Tot Ion: 97 Resp: 2629

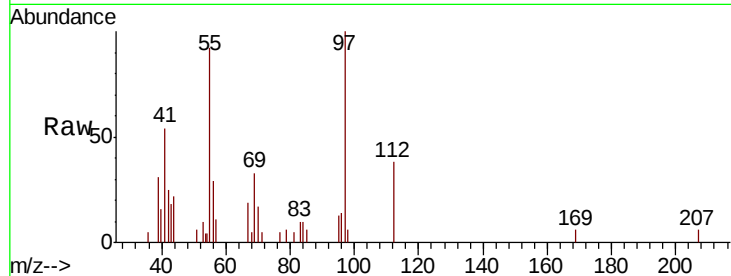
Ion Ratio Lower Upper

97 100

83 10.0 58.2 108.2#

85 5.7 37.4 69.4#

99 0.0 43.7 81.1#



Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW

