

Data File : VW005396.D
Acq On : 14 Sep 2018 19:02
Operator : SY/AP
Sample : J4865-16
Misc : 4.44G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB3P4RE

Quant Time: Sep 14 23:18:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 14 23:16:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	247292	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	223067	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	80122	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75348	26.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.60%
7) Chloroethane-d5	2.89	69	59772	29.62	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.48%
10) 1,1-Dichloroethene-d2	4.02	63	97252	19.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.32%
20) 2-Butanone-d5	7.10	46	34577	32.17	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.34%
24) Chloroform-d	7.66	84	140627	30.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.96%
26) 1,2-Dichloroethane-d4	8.32	65	87668	29.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.88%
29) Benzene-d6	8.28	84	268246	29.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.80%
33) 1,2-Dichloropropane-d6	9.28	67	78182	30.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.32%#
37) Toluene-d8	10.33	98	253637	27.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.84%
38) trans-1,3-Dichloropropene-	10.59	79	33973	26.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.24%
39) 2-Hexanone-d5	10.93	63	27525	34.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.16%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	59065	22.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	66584	27.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.76%

Target Compounds

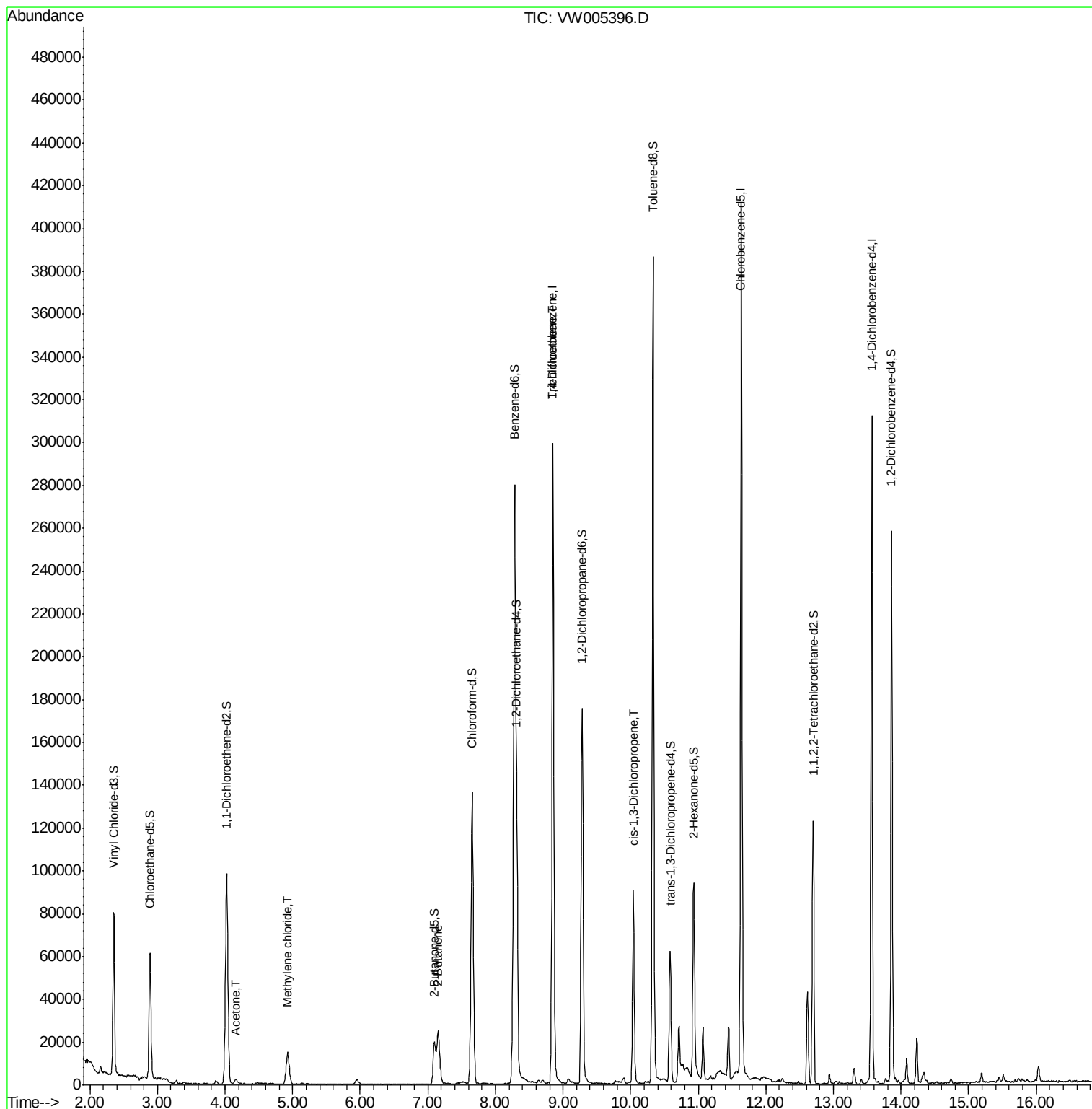
					Qvalue
13) Acetone	4.15	43	1638	1.623 ug/L	61
16) Methylene chloride	4.92	84	11039	2.351 ug/L	95
21) 2-Butanone	7.16	43	2408	1.557 ug/L #	57
35) Trichloroethene	8.85	95	7972	2.417 ug/L #	5
42) cis-1,3-Dichloropropene	10.04	75	2473	0.546 ug/L	96

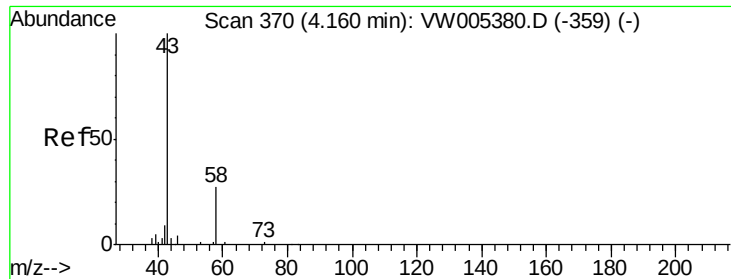
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.623 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

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Acq: 14 Sep 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

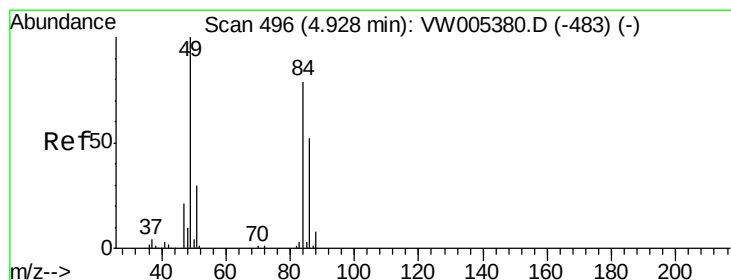
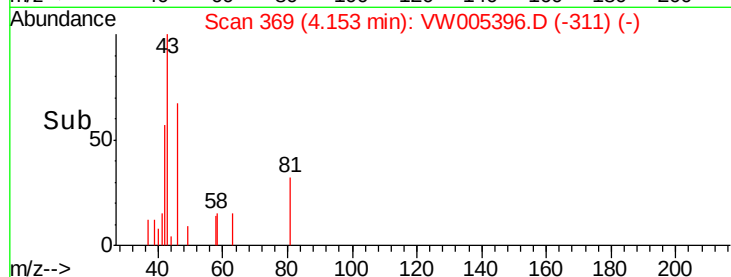
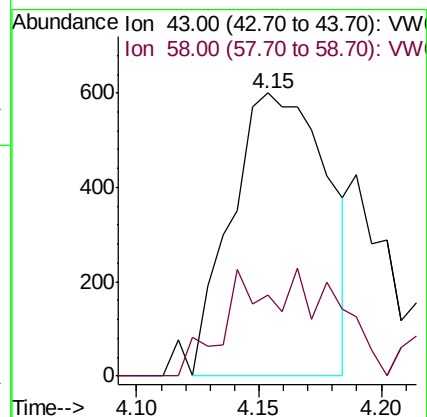
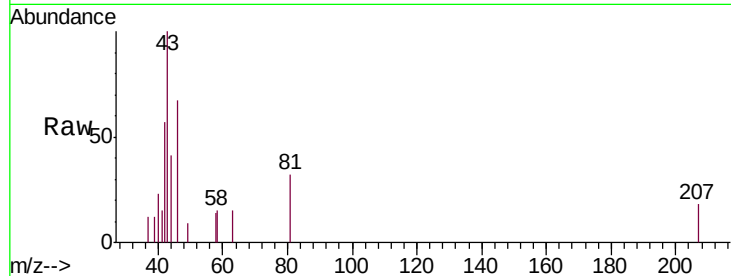
DB3P4RE

Tgt Ion: 43 Resp: 1638

Ion Ratio Lower Upper

43 100

58 7.8 0.0 57.6



#16

Methylene chloride

Concen: 2.351 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

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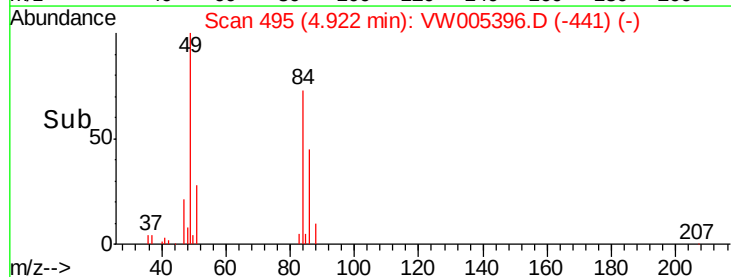
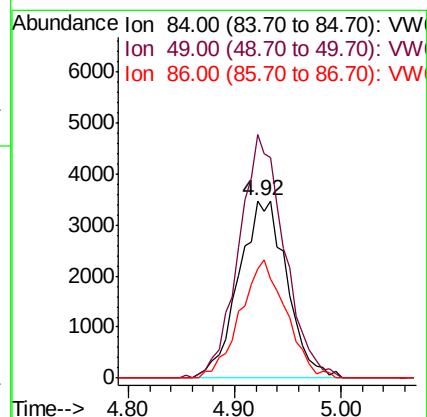
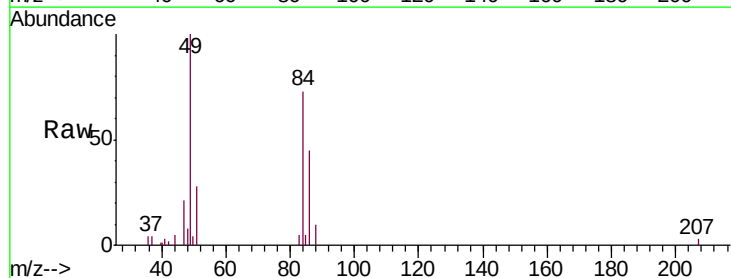
Tgt Ion: 84 Resp: 11039

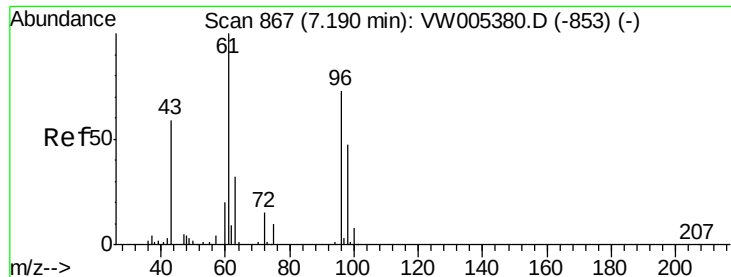
Ion Ratio Lower Upper

84 100

49 137.1 90.9 168.7

86 61.4 43.6 81.0





#21

2-Butanone

Concen: 1.557 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

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Instrument :

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ClientSampleId :

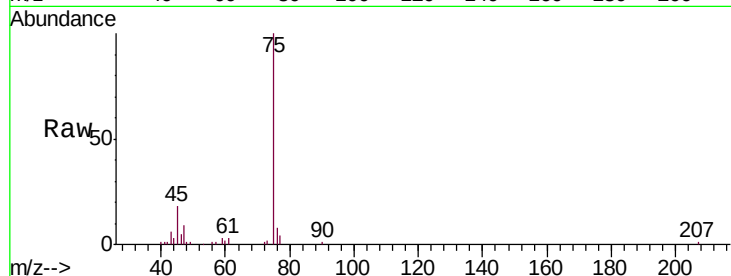
DB3P4RE

Tgt Ion: 43 Resp: 2408

Ion Ratio Lower Upper

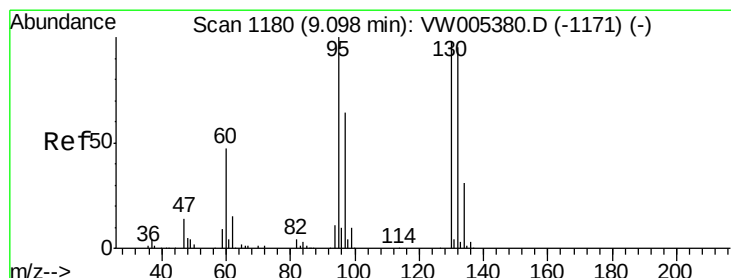
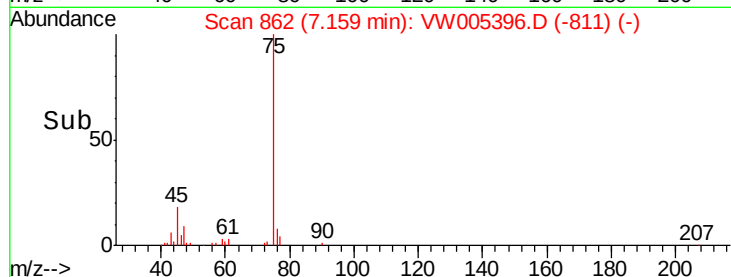
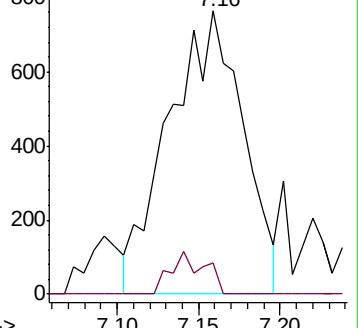
43 100

72 2.4 11.8 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 2.417 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

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Tgt Ion: 95 Resp: 7972

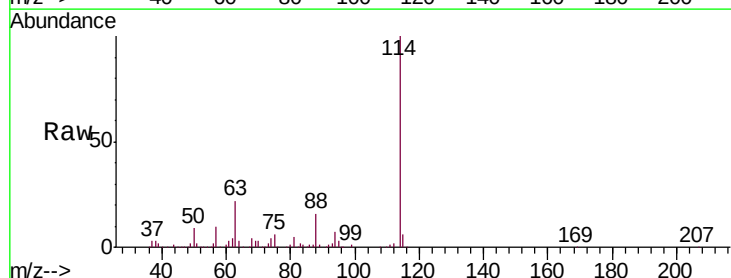
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 67.2 124.8#

130 0.0 68.8 127.8#

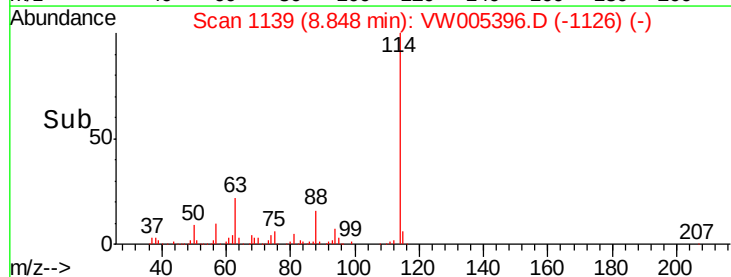
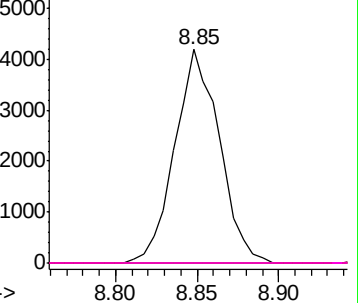


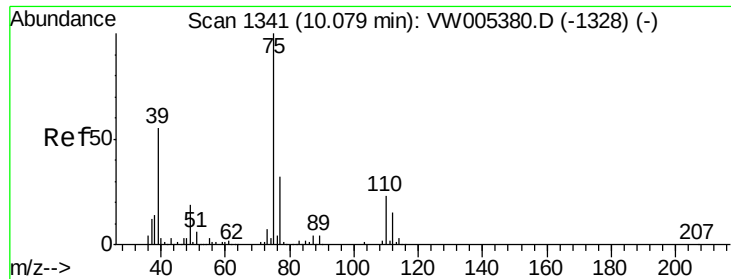
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.546 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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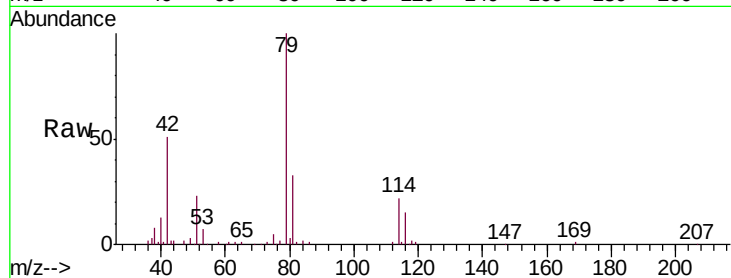
DB3P4RE

Tgt Ion: 75 Resp: 2473

Ion Ratio Lower Upper

75 100

77 33.9 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

