

Data File : VW009925.D
Acq On : 11 Apr 2019 19:55
Operator : SY/VA
Sample : K2303-20
Misc : 4.74G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF8B3

Quant Time: Apr 12 02:08:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 01:59:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	288373	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	307479	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118617	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58656	15.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.16%
7) Chloroethane-d5	2.89	69	62452	18.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.24%
10) 1,1-Dichloroethene-d2	4.01	63	121176	14.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.72%
20) 2-Butanone-d5	7.08	46	61840	50.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.94%
24) Chloroform-d	7.65	84	223492	28.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.60%
26) 1,2-Dichloroethane-d4	8.31	65	157648	32.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	130.52%#
29) Benzene-d6	8.27	84	373729	23.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.60%
33) 1,2-Dichloropropane-d6	9.27	67	137305	27.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.16%
37) Toluene-d8	10.32	98	304830	20.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.72%
38) trans-1,3-Dichloropropene-	10.58	79	48435	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.48%
39) 2-Hexanone-d5	10.93	63	32040	34.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131220	28.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	121261	29.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.52%

Target Compounds

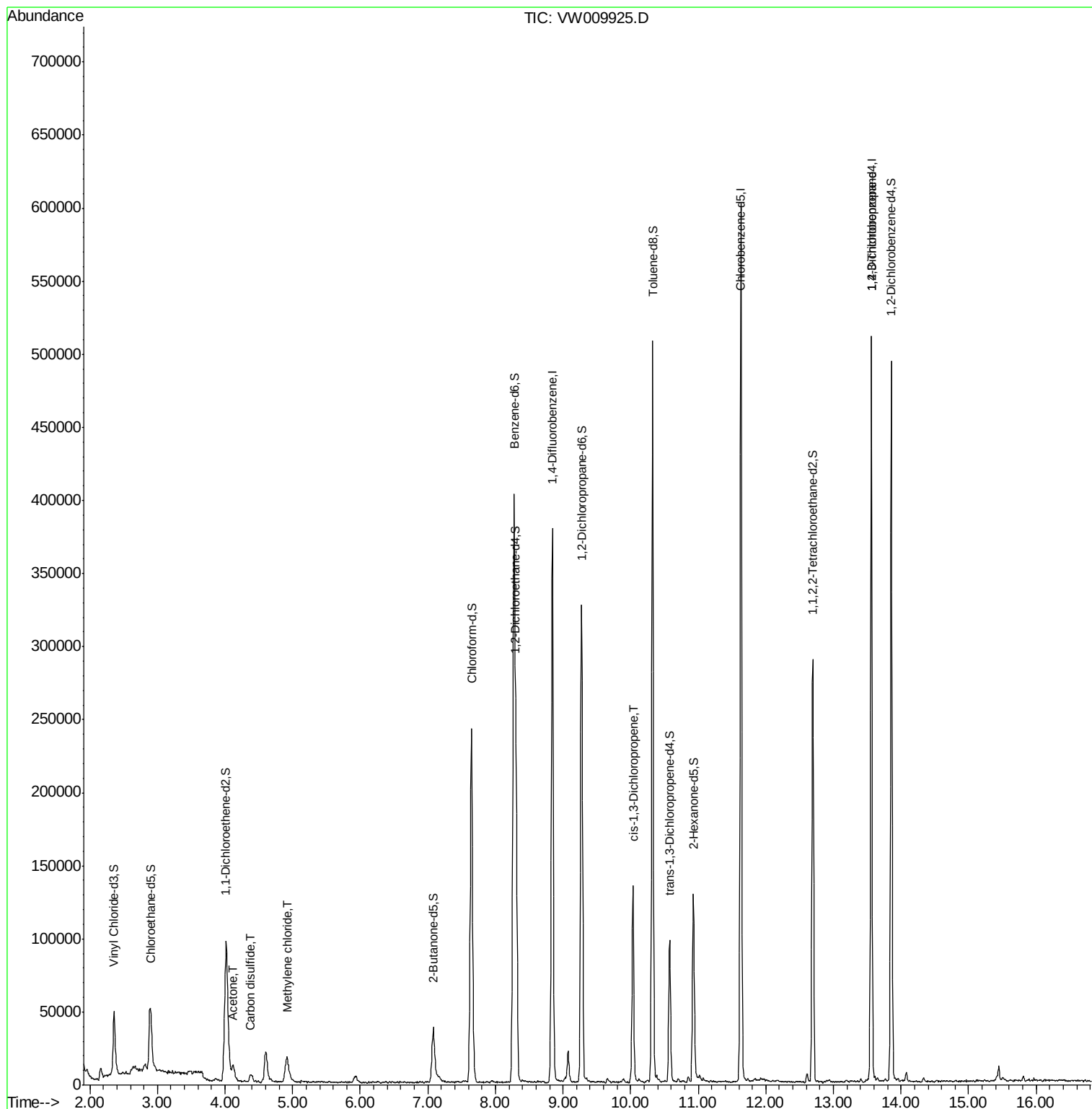
					Qvalue
13) Acetone	4.12	43	16679	12.705	ug/L 84
14) Carbon disulfide	4.38	76	8082	0.679	ug/L 95
16) Methylene chloride	4.92	84	12316	2.422	ug/L 98
42) cis-1,3-Dichloropropene	10.03	75	3964	0.540	ug/L 89
59) 1,2,3-Trichloropropane	13.56	75	16375	4.602	ug/L 88

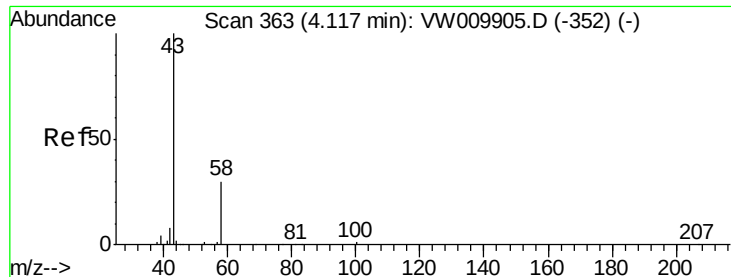
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.705 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Acq: 11 Apr 2019 19:55

Instrument :

MSVOA_W

ClientSampleId :

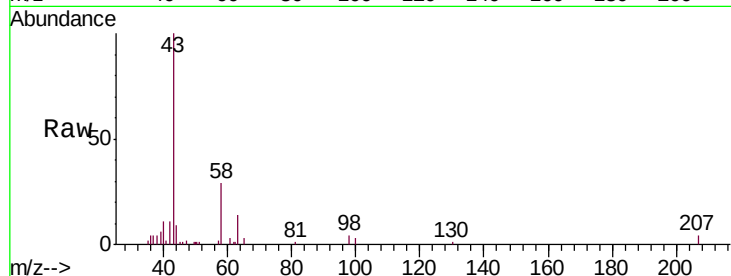
BF8B3

Tgt Ion: 43 Resp: 16679

Ion Ratio Lower Upper

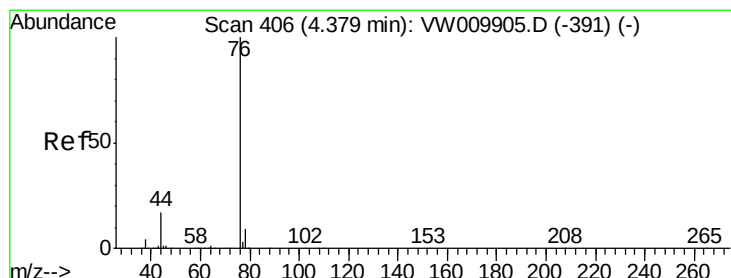
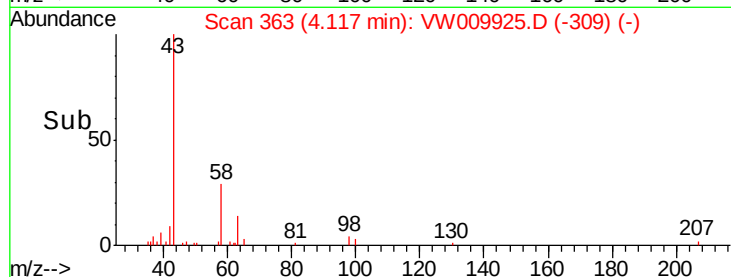
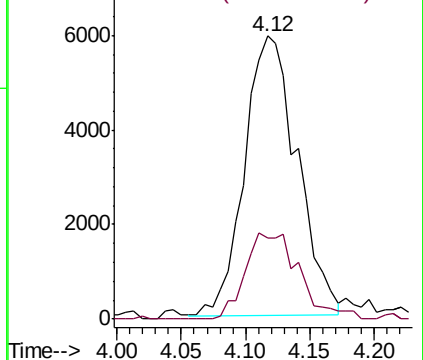
43 100

58 18.3 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.679 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW009925.D

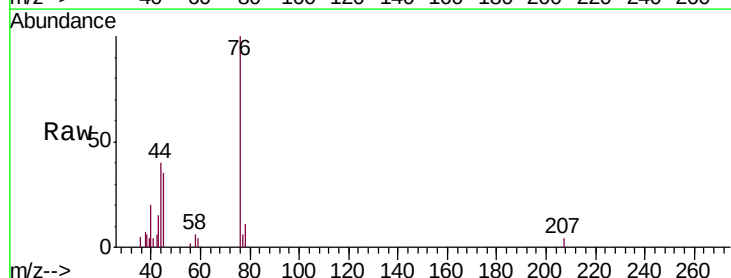
Acq: 11 Apr 2019 19:55

Tgt Ion: 76 Resp: 8082

Ion Ratio Lower Upper

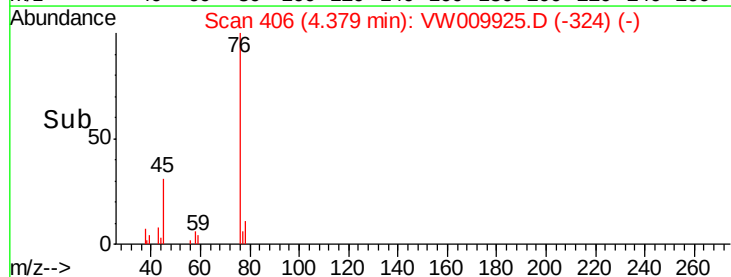
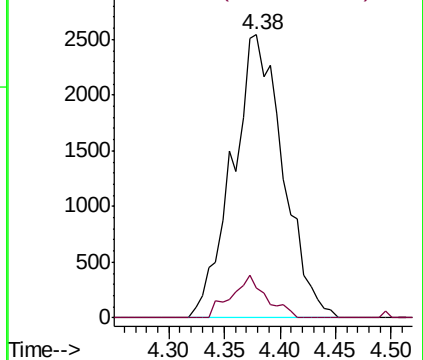
76 100

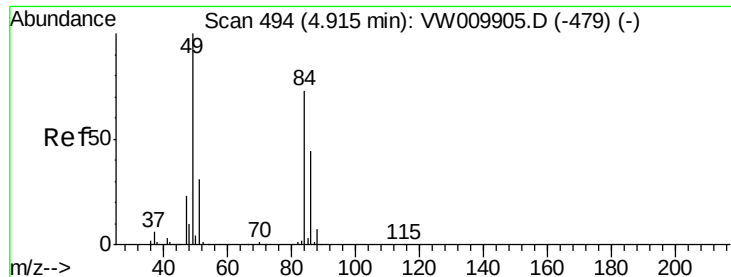
78 10.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

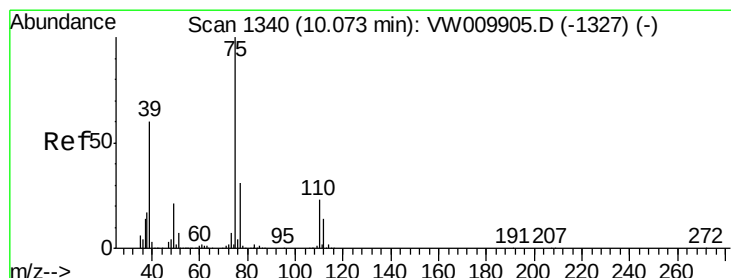
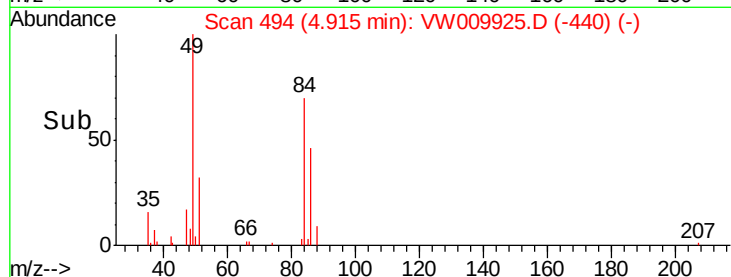
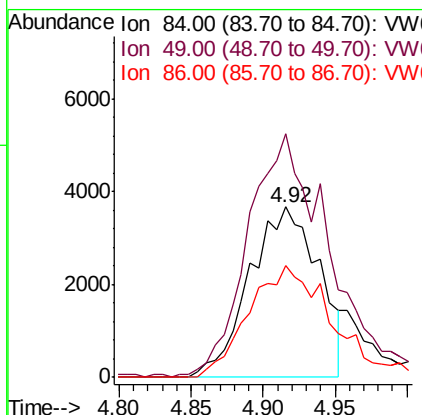
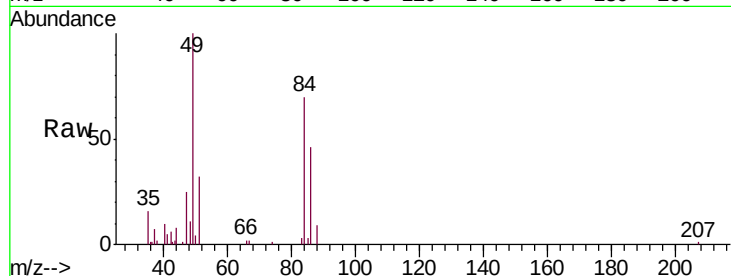




#16
Methylene chloride
Concen: 2.422 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009925.D
Acq: 11 Apr 2019 19:55

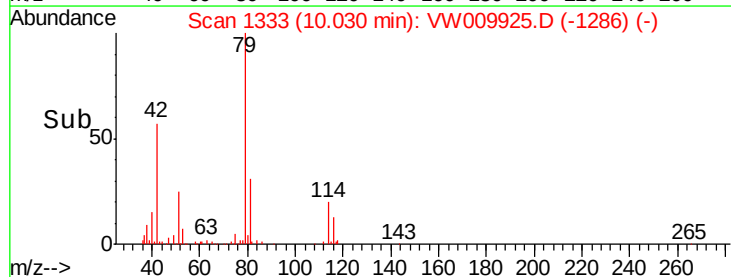
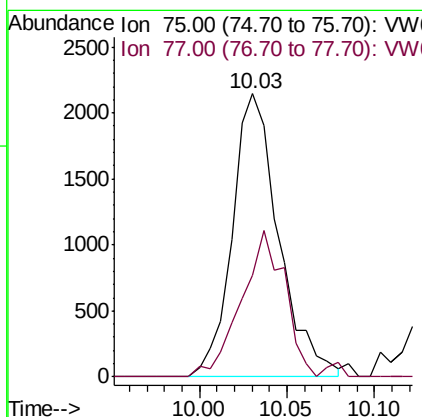
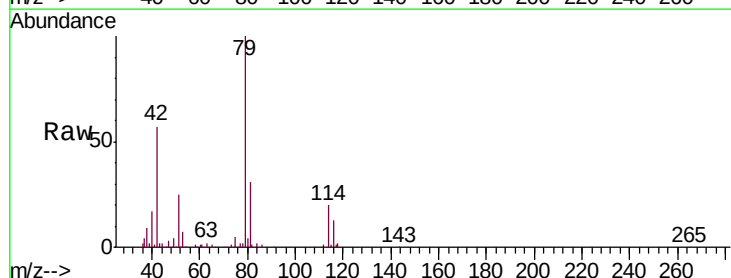
Instrument :
MSVOA_W
ClientSampled :
BF8B3

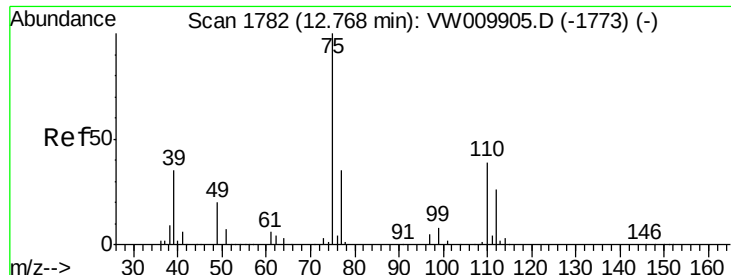
Tgt Ion: 84 Resp: 12316
Ion Ratio Lower Upper
84 100
49 143.1 98.3 182.5
86 65.8 46.4 86.2



#42
cis-1,3-Dichloropropene
Concen: 0.540 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW009925.D
Acq: 11 Apr 2019 19:55

Tgt Ion: 75 Resp: 3964
Ion Ratio Lower Upper
75 100
77 35.8 21.0 39.0





#59

1,2,3-Trichloropropane

Concen: 4.602 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009925.D

Acq: 11 Apr 2019 19:55

Instrument :

MSVOA_W

ClientSampleId :

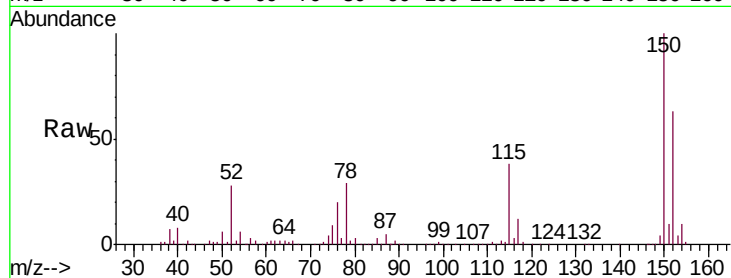
BF8B3

Tgt Ion: 75 Resp: 16375

Ion Ratio Lower Upper

75 100

77 39.2 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

