

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121219\
 Data File : VW014335.D
 Acq On : 12 Dec 2019 19:14
 Operator : SY/VA
 Sample : K6254-09
 Misc : 4.69G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C30

Quant Time: Dec 13 06:11:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 13 06:08:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	934433	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	582724	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	109086	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	341804	24.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.64%
7) Chloroethane-d5	2.89	69	288872	27.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.84%
10) 1,1-Dichloroethene-d2	4.01	63	445883	17.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.36%
20) 2-Butanone-d5	7.07	46	157874	42.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.64%
24) Chloroform-d	7.65	84	669955	28.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.64%
26) 1,2-Dichloroethane-d4	8.31	65	338397	27.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.52%
29) Benzene-d6	8.27	84	1389878	40.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	162.80%#
33) 1,2-Dichloropropane-d6	9.27	67	456053	43.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	173.60%#
37) Toluene-d8	10.32	98	999924	32.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	129.52%
38) trans-1,3-Dichloropropene-	10.57	79	96556	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.60%
39) 2-Hexanone-d5	10.92	63	122461	58.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	293363	34.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.04%#
61) 1,2-Dichlorobenzene-d4	13.85	152	153531	36.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	147.32%#

Target Compounds

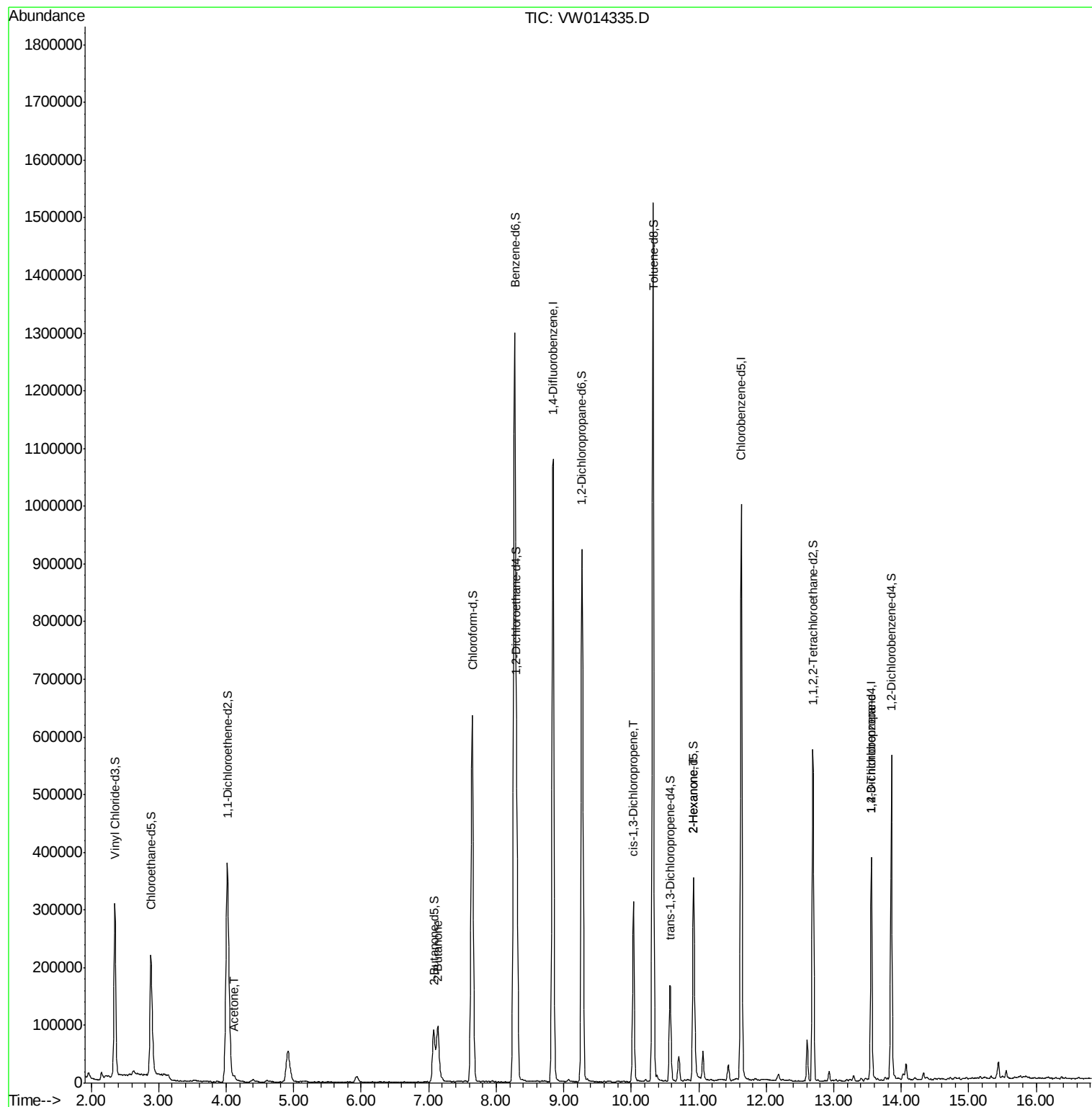
					Ovalue
13) Acetone	4.12	43	13426	3.777 ug/L	95
21) 2-Butanone	7.13	43	35981	7.538 ug/L #	54
42) cis-1,3-Dichloropropene	10.03	75	6700	0.472 ug/L #	64
49) 2-Hexanone	10.93	43	14395	3.235 ug/L #	70
59) 1,2,3-Trichloropropane	13.55	75	12426	1.897 ug/L	91

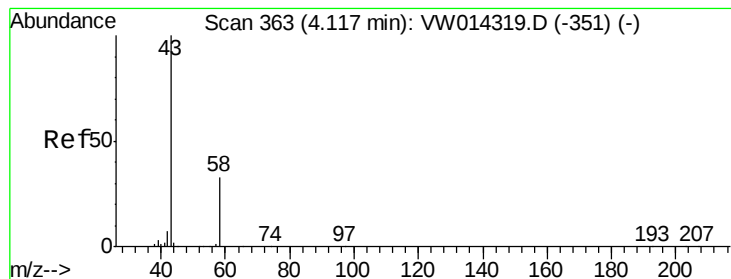
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.777 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014335.D

Acq: 12 Dec 2019 19:14

Instrument :

MSVOA_W

ClientSampled :

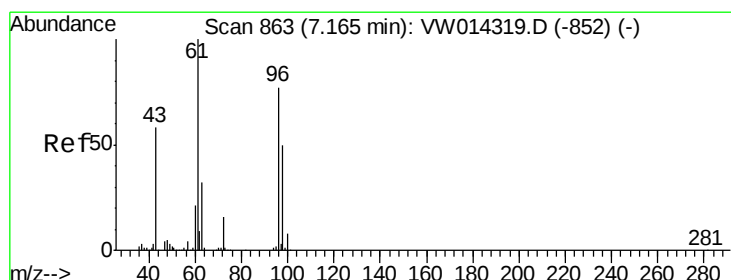
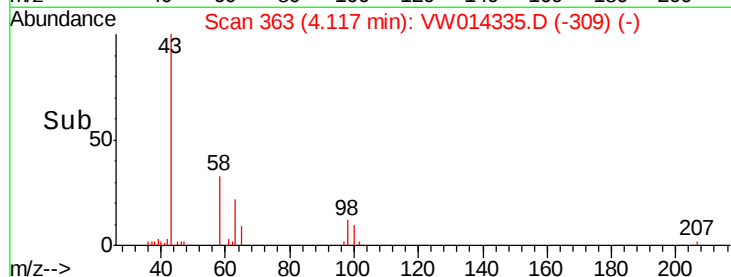
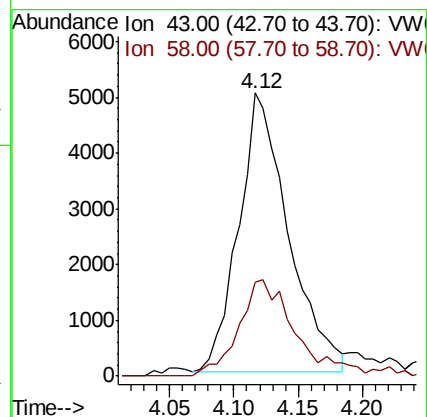
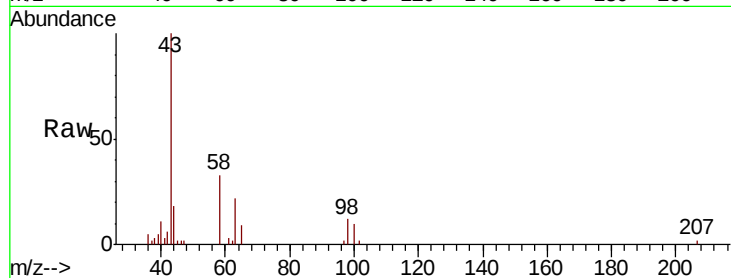
C0C30

Tot Ion: 43 Resp: 13426

Ion Ratio Lower Upper

43 100

58 35.2 0.0 65.4



#21

2-Butanone

Concen: 7.538 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW014335.D

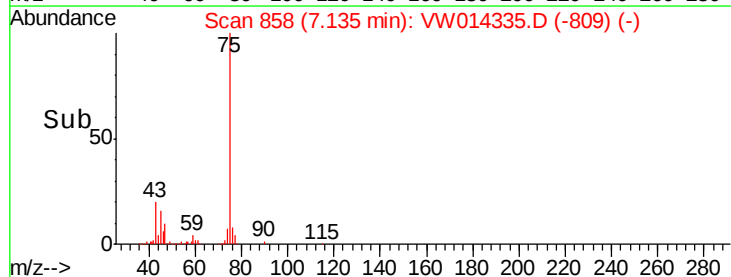
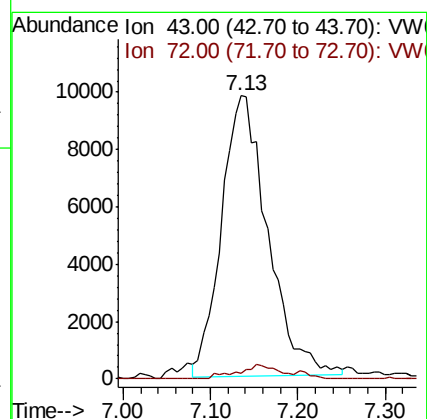
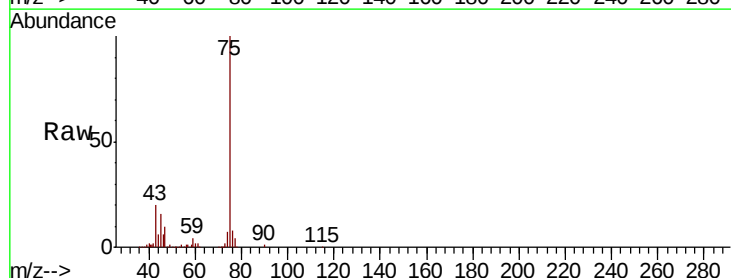
Acq: 12 Dec 2019 19:14

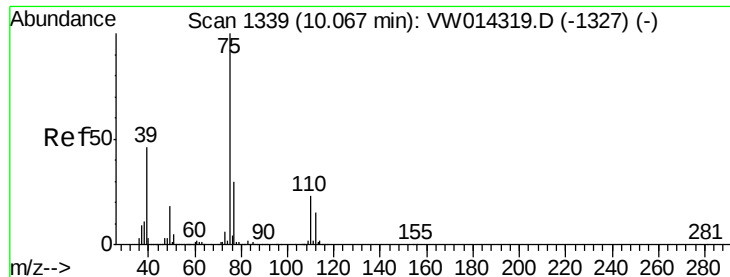
Tgt Ion: 43 Resp: 35981

Ion Ratio Lower Upper

43 100

72 3.7 14.1 42.2#





#42

cis-1,3-Dichloropropene

Concen: 0.472 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014335.D

Acq: 12 Dec 2019 19:14

Instrument :

MSVOA_W

ClientSampleId :

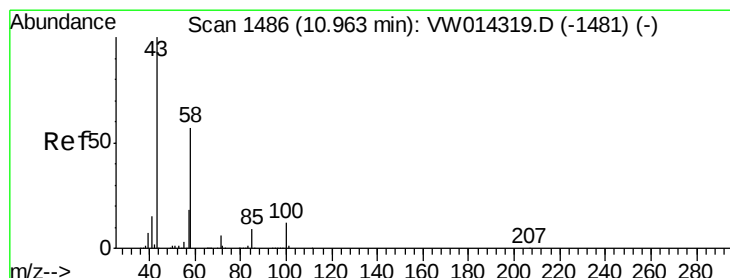
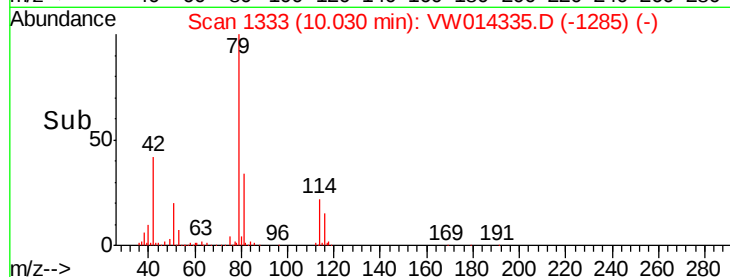
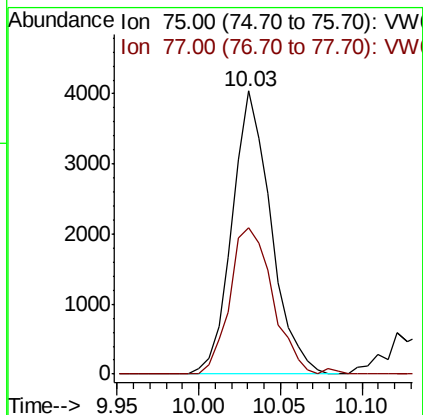
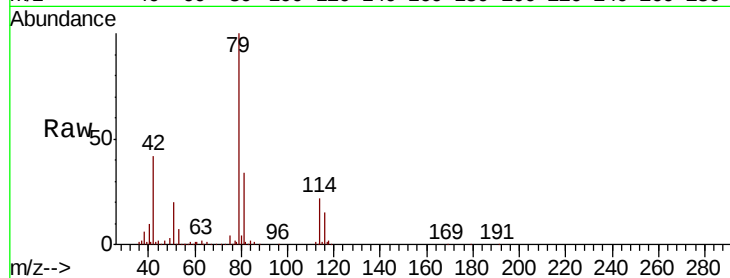
C0C30

Tot Ion: 75 Resp: 6700

Ion Ratio Lower Upper

75 100

77 51.7 22.1 41.1#



#49

2-Hexanone

Concen: 3.235 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014335.D

Acq: 12 Dec 2019 19:14

Tgt Ion: 43 Resp: 14395

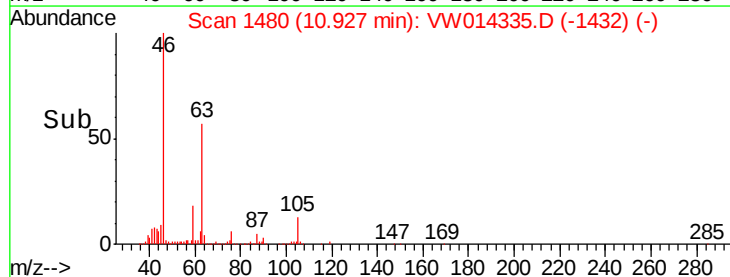
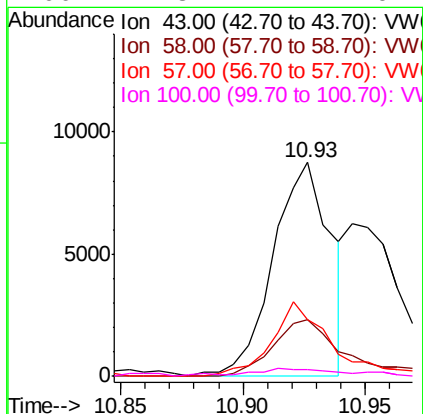
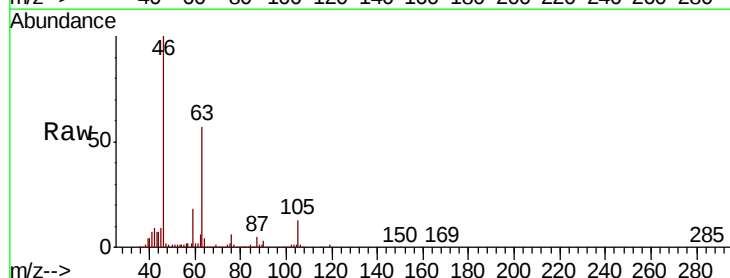
Ion Ratio Lower Upper

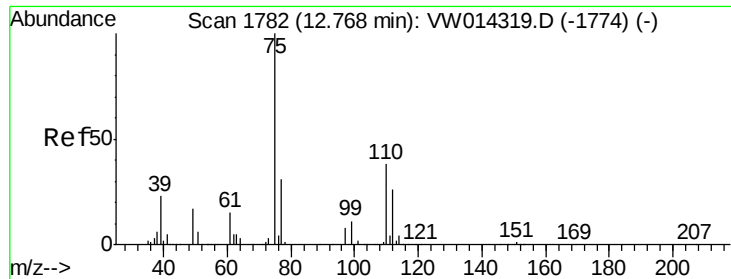
43 100

58 33.1 44.4 66.6#

57 35.2 16.5 24.7#

100 4.3 11.1 16.7#





#59

1,2,3-Trichloropropane

Concen: 1.897 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014335.D

Acq: 12 Dec 2019 19:14

Instrument :

MSVOA_W

ClientSampleId :

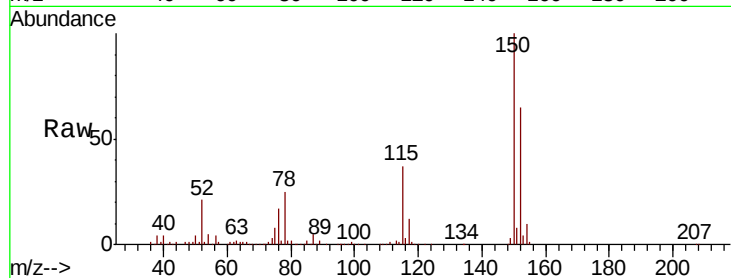
C0C30

Tot Ion: 75 Resp: 12426

Ion Ratio Lower Upper

75 100

77 37.6 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

