

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010191.D
 Acq On : 29 Apr 2019 20:23
 Operator : SY/VA
 Sample : K2596-19
 Misc : 5.13G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 30 04:35:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 29 15:05:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	531541	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	469859	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169173	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	101085	16.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.04%
7) Chloroethane-d5	2.89	69	91960	18.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.40%
10) 1,1-Dichloroethene-d2	4.01	63	173993	12.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.92%
20) 2-Butanone-d5	7.07	46	76664	34.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.94%
24) Chloroform-d	7.64	84	295977	21.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.96%
26) 1,2-Dichloroethane-d4	8.31	65	190596	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.32%
29) Benzene-d6	8.27	84	604503	23.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.56%
33) 1,2-Dichloropropane-d6	9.27	67	179528	22.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.84%
37) Toluene-d8	10.32	98	439156	19.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.36%
38) trans-1,3-Dichloropropene-	10.58	79	63924	17.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.20%
39) 2-Hexanone-d5	10.93	63	57606	34.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	168852	25.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	118600	18.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.48%

Target Compounds

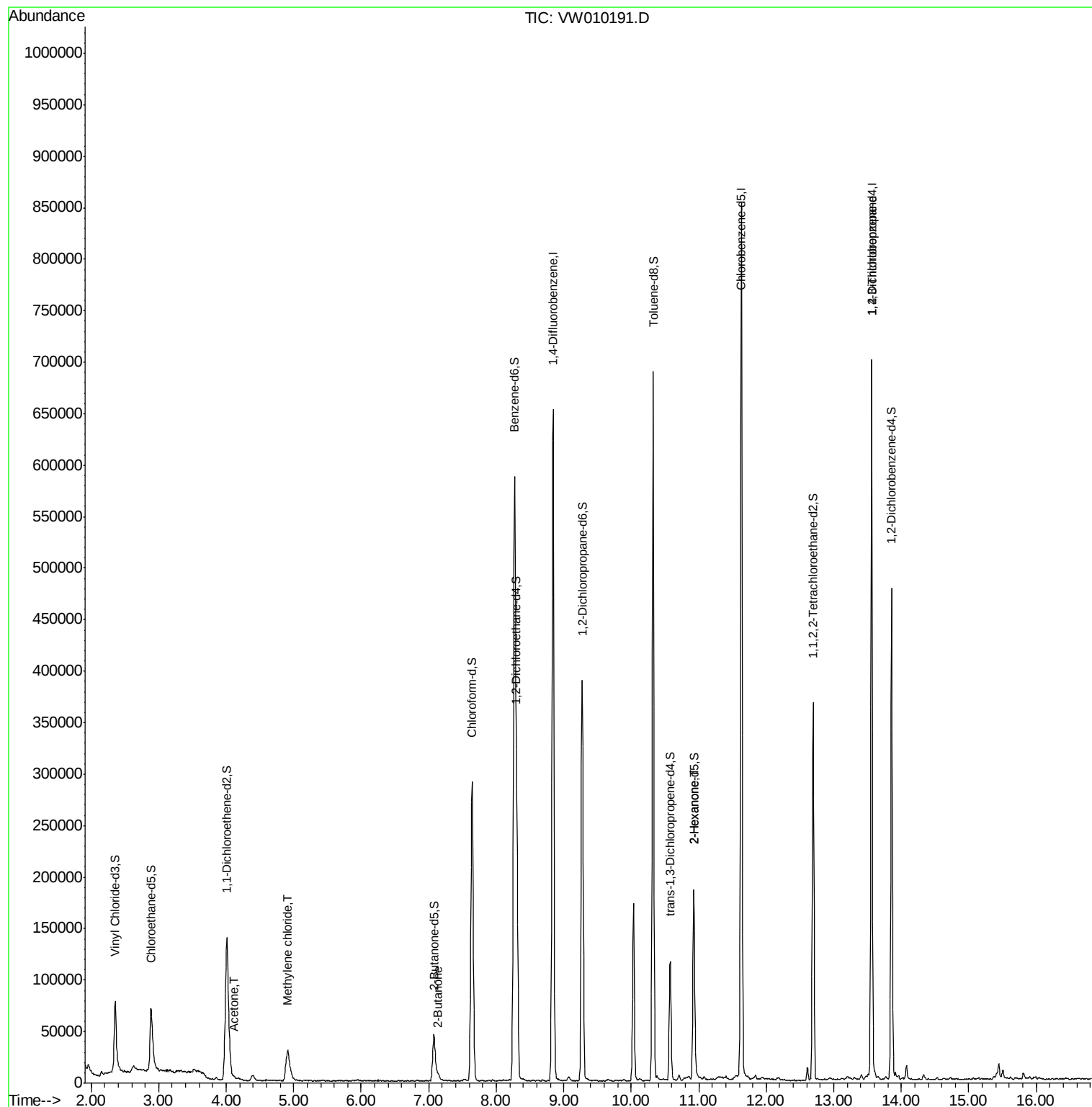
					Ovalue
13) Acetone	4.12	43	3163	1.800 ug/L	74
16) Methylene chloride	4.91	84	24510	2.771 ug/L	99
21) 2-Butanone	7.13	43	5002	2.029 ug/L #	50
49) 2-Hexanone	10.93	43	11408	3.309 ug/L #	69
59) 1,2,3-Trichloropropane	13.56	75	22338	4.705 ug/L	90

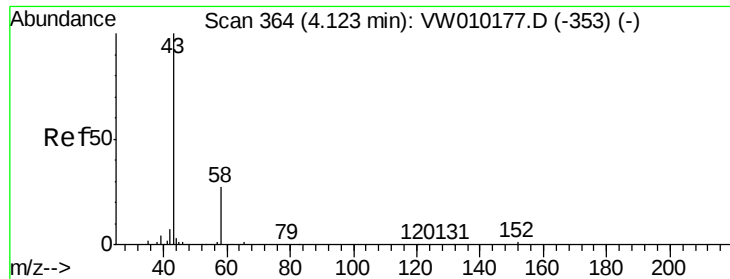
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 29 15:05:07 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.800 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW010191.D

Acq: 29 Apr 2019 20:23

Instrument :

MSVOA_W

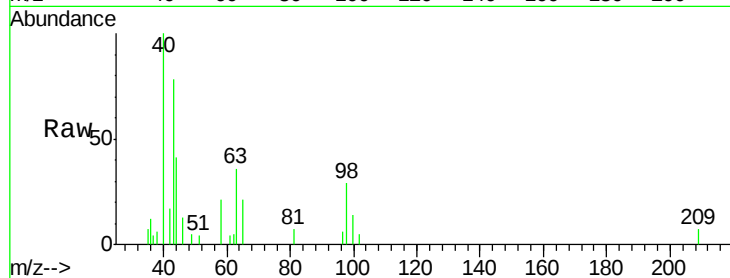
ClientSampled :

Tot Ion: 43 Resp: 3163

Ion Ratio Lower Upper

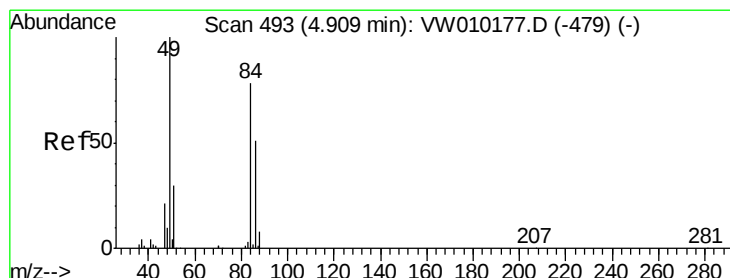
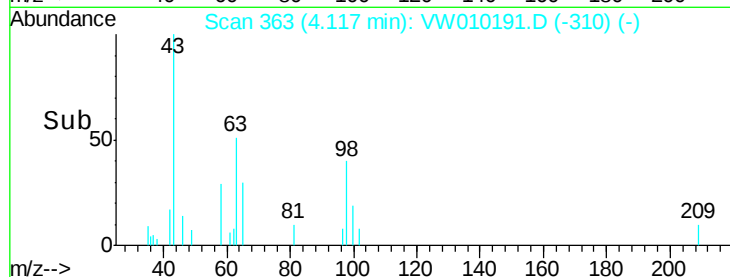
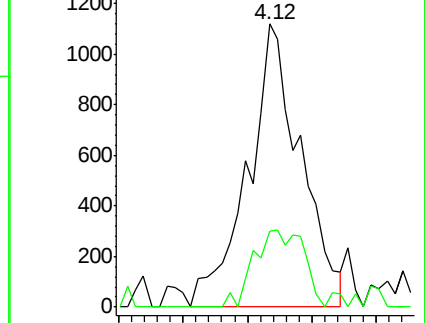
43 100

58 16.0 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.771 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW010191.D

Acq: 29 Apr 2019 20:23

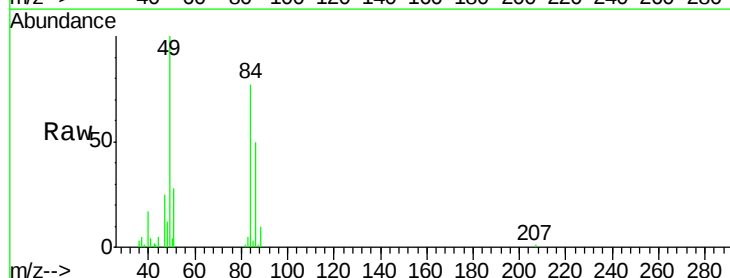
Tgt Ion: 84 Resp: 24510

Ion Ratio Lower Upper

84 100

49 130.7 90.2 167.6

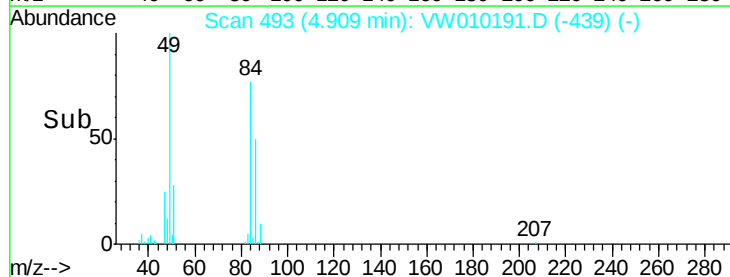
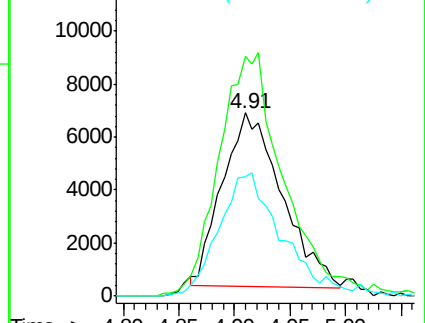
86 65.4 46.3 86.1

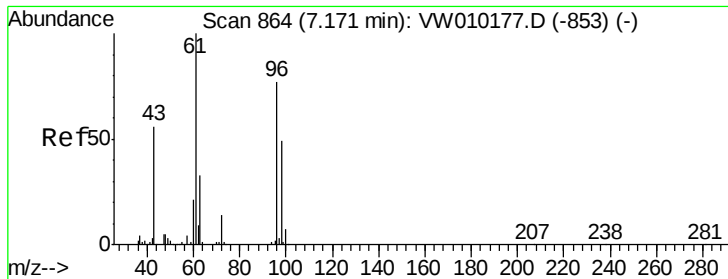


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 2.029 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW010191.D

Acq: 29 Apr 2019 20:23

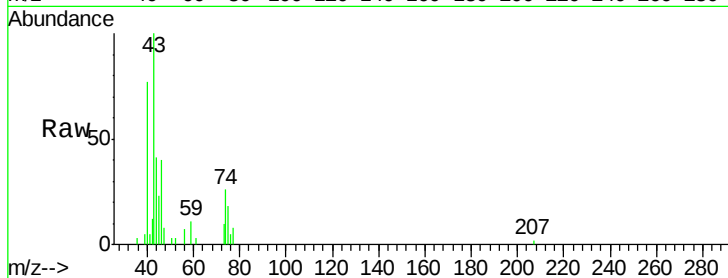
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 5002

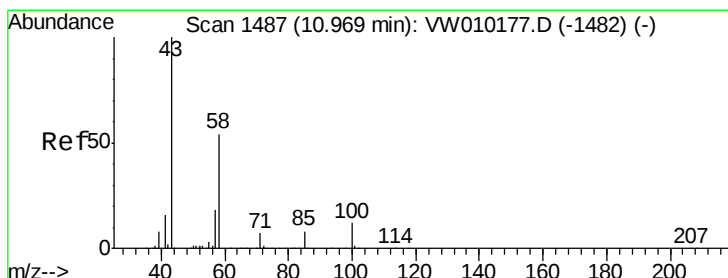
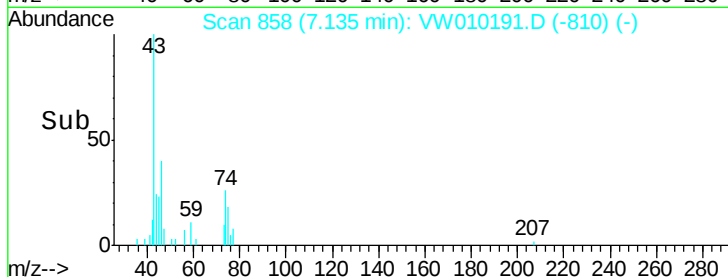
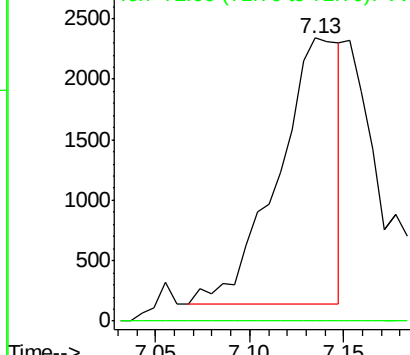
Ion Ratio Lower Upper

43 100

72 0.0 12.8 38.3#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#49

2-Hexanone

Concen: 3.309 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW010191.D

Acq: 29 Apr 2019 20:23

Tgt Ion: 43 Resp: 11408

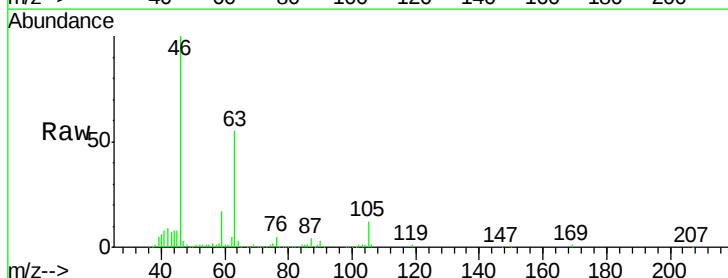
Ion Ratio Lower Upper

43 100

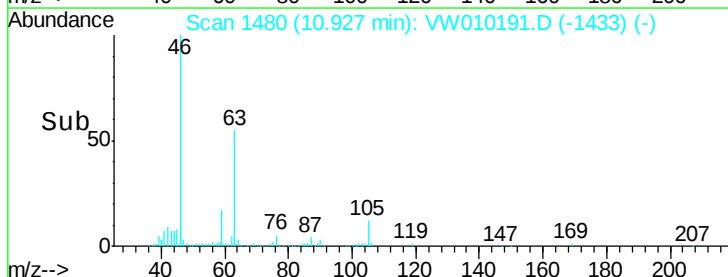
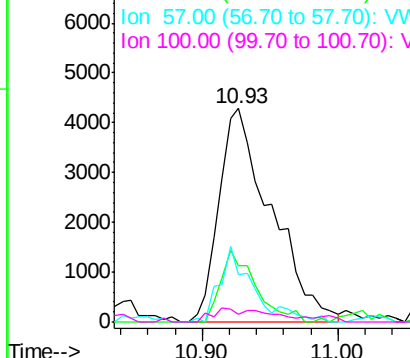
58 21.9 41.4 62.2#

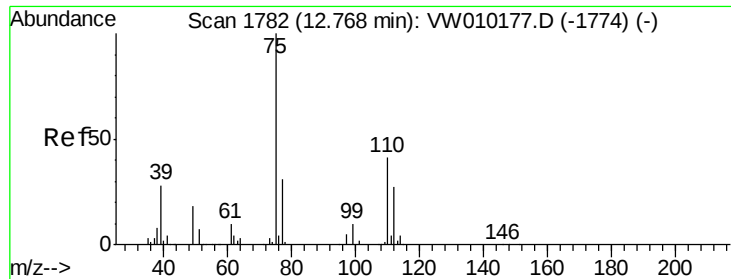
57 19.6 14.8 22.2

100 3.1 9.3 13.9#



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





#59

1,2,3-Trichloropropane

Concen: 4.705 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW010191.D

Acq: 29 Apr 2019 20:23

Instrument :

MSVOA_W

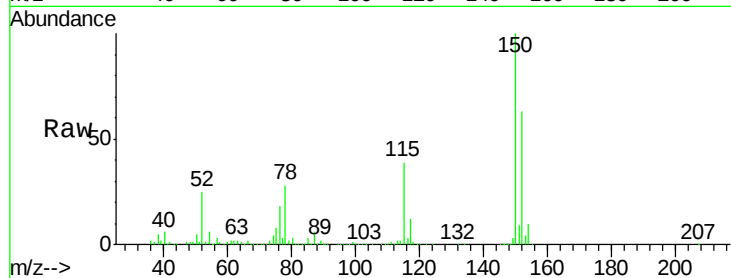
ClientSampleId :

Tot Ion: 75 Resp: 22338

Ion Ratio Lower Upper

75 100

77 36.6 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

