

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073020\
 Data File : VW016006.D
 Acq On : 30 Jul 2020 13:11
 Operator : SY/VA
 Sample : L3492-11
 Misc : 4.36G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 31 06:36:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 06:34:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	525651	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	474121	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200415	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	131198	17.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.76%
7) Chloroethane-d5	2.90	69	108300	17.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.92%
10) 1,1-Dichloroethene-d2	4.01	63	208620	13.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.64%
20) 2-Butanone-d5	7.09	46	62972	32.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.64%
24) Chloroform-d	7.65	84	277818	18.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.28%
26) 1,2-Dichloroethane-d4	8.31	65	142188	17.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.16%
29) Benzene-d6	8.28	84	573364	19.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.48%
33) 1,2-Dichloropropane-d6	9.28	67	171447	19.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.28%
37) Toluene-d8	10.33	98	500868	19.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.64%
38) trans-1,3-Dichloropropene-	10.58	79	62957	17.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.28%
39) 2-Hexanone-d5	10.93	63	46497	32.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116221	17.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	157280	20.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.52%

Target Compounds

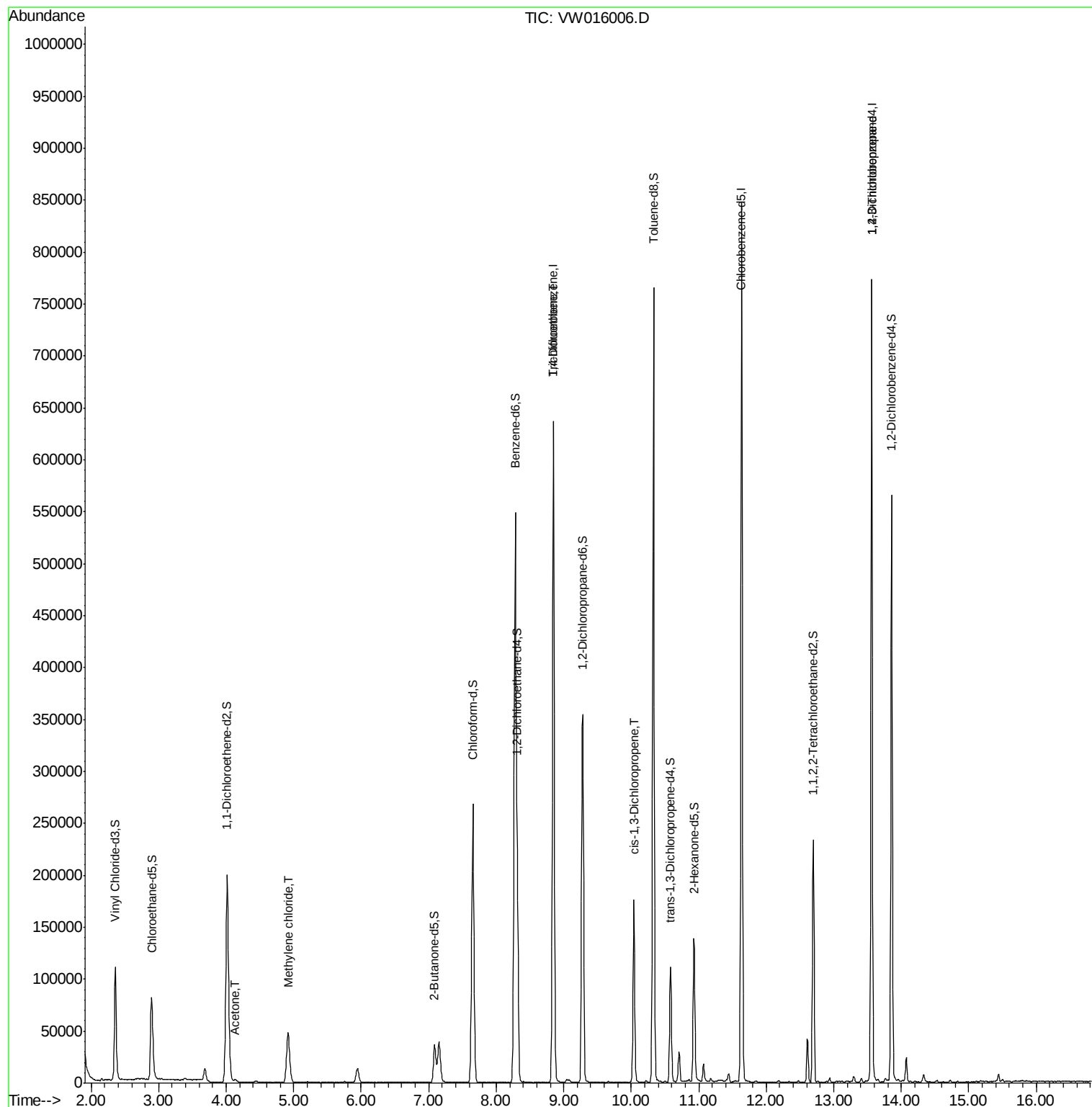
					Ovalue
13) Acetone	4.13	43	4458	2.725 ug/L	96
16) Methylene chloride	4.92	84	38994	4.527 ug/L	94
35) Trichloroethene	8.85	95	15542	2.040 ug/L #	6
42) cis-1,3-Dichloropropene	10.04	75	4150	0.382 ug/L #	62
59) 1,2,3-Trichloropropane	13.56	75	23497	5.206 ug/L	93

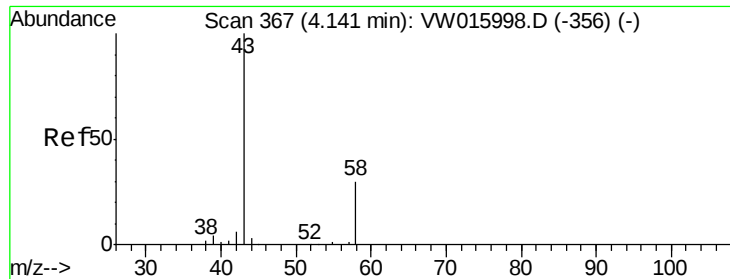
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073020\
Data File : VW016006.D
Acq On : 30 Jul 2020 13:11
Operator : SY/VA
Sample : L3492-11
Misc : 4.36G/10ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 31 06:36:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 31 06:34:21 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.725 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016006.D

Acq: 30 Jul 2020 13:11

Instrument :

MSVOA_W

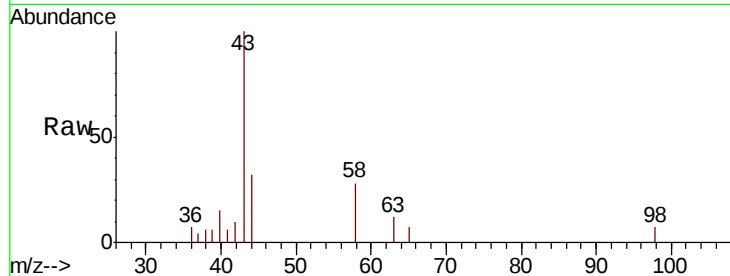
ClientSampleId :

Tot Ion: 43 Resp: 4458

Ion Ratio Lower Upper

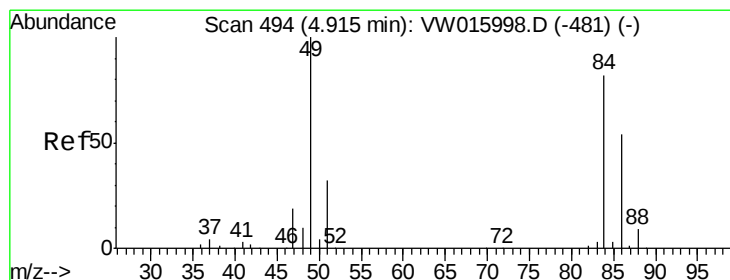
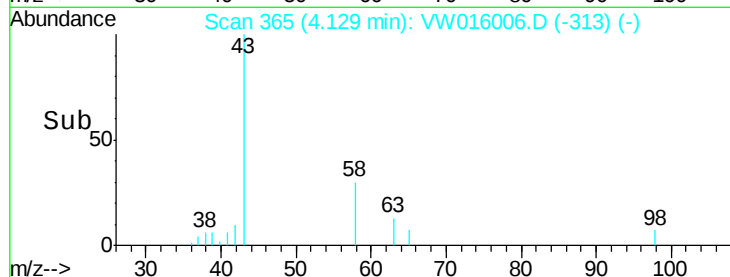
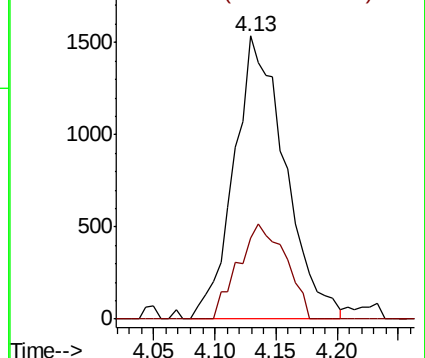
43 100

58 31.3 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 4.527 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016006.D

Acq: 30 Jul 2020 13:11

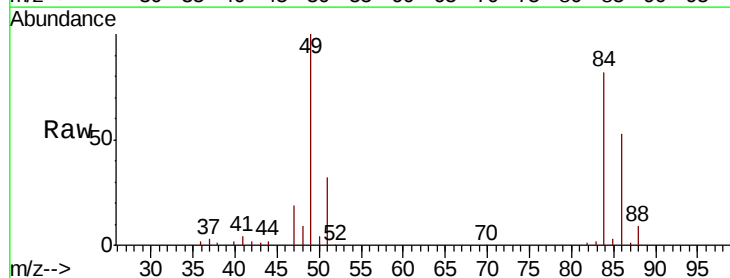
Tgt Ion: 84 Resp: 38994

Ion Ratio Lower Upper

84 100

49 121.4 91.1 169.1

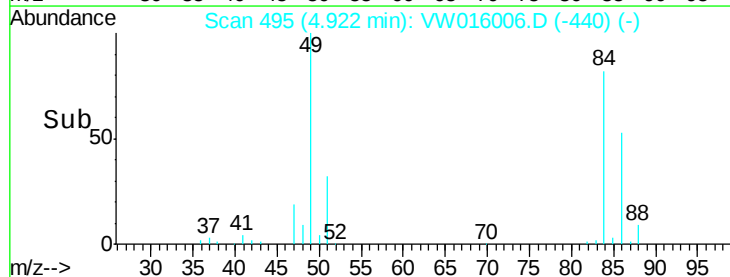
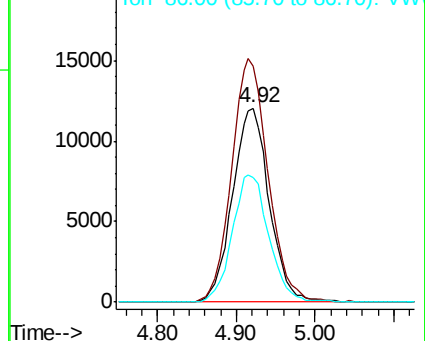
86 63.9 46.0 85.4

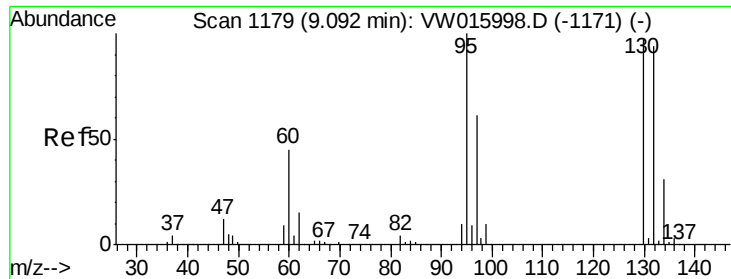


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.040 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016006.D

Acq: 30 Jul 2020 13:11

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 15542

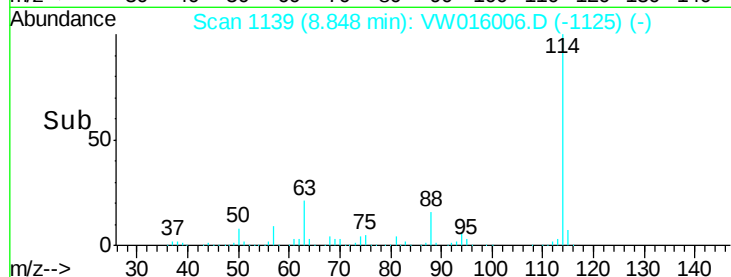
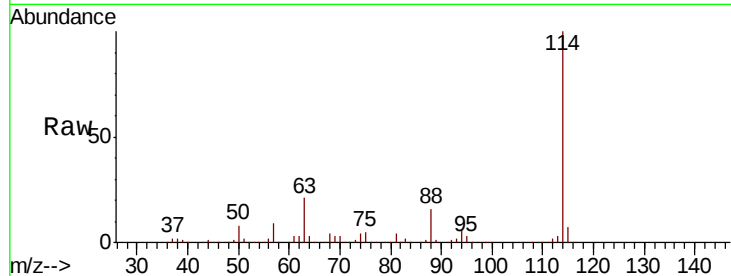
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.4#

132 0.0 65.1 120.9#

130 0.3 68.6 127.4#

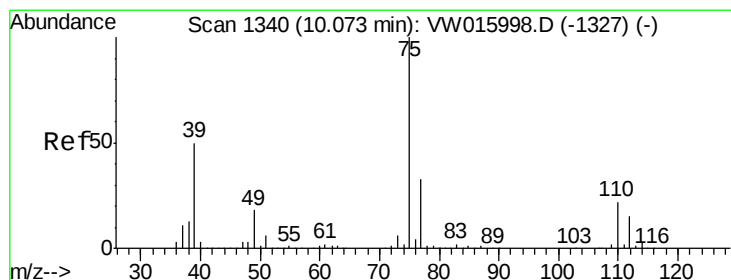
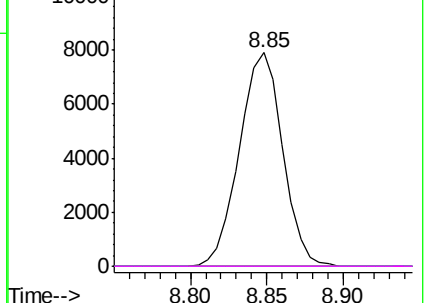


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 0.382 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016006.D

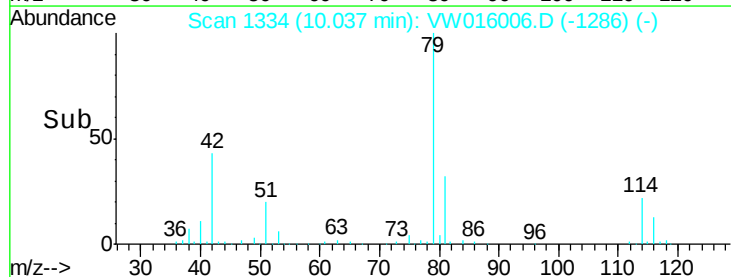
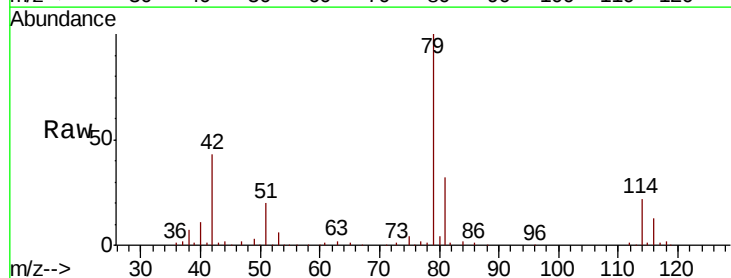
Acq: 30 Jul 2020 13:11

Tgt Ion: 75 Resp: 4150

Ion Ratio Lower Upper

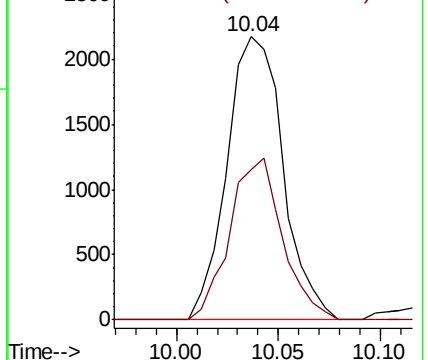
75 100

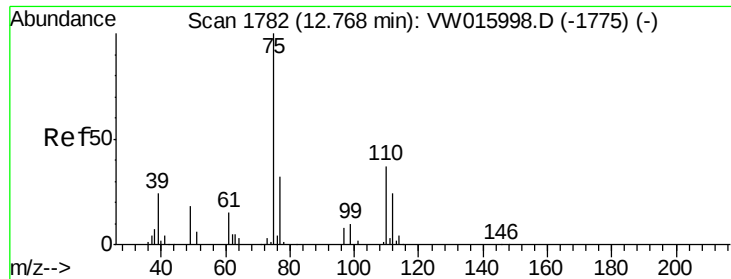
77 53.0 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 5.206 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016006.D

Acq: 30 Jul 2020 13:11

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 23497

Ion Ratio Lower Upper

75 100

77 36.7 26.0 39.0

