

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025563.D
 Acq On : 20 Jul 2018 23:32
 Operator : MD/SY
 Sample : J4097-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 21 02:55:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 02:53:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	315376	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	285595	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	130340	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77366	42.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.94%
7) Chloroethane-d5	1.68	69	66622	44.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.72%
11) 1,1-Dichloroethene-d2	2.27	63	128972	34.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.82%
21) 2-Butanone-d5	4.17	46	138621	99.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.73%
24) Chloroform-d	4.65	84	181572	45.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.54%
26) 1,2-Dichloroethane-d4	5.31	65	126237	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
32) Benzene-d6	5.35	84	354999	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.94%
36) 1,2-Dichloropropane-d6	6.34	67	115519	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.90%
41) Toluene-d8	7.57	98	326430	46.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.94%
43) trans-1,3-Dichloropropene-	7.85	79	53967	44.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.54%
47) 2-Hexanone-d5	8.31	63	102177	103.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.39%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	156522	47.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	130823	49.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.04%

Target Compounds

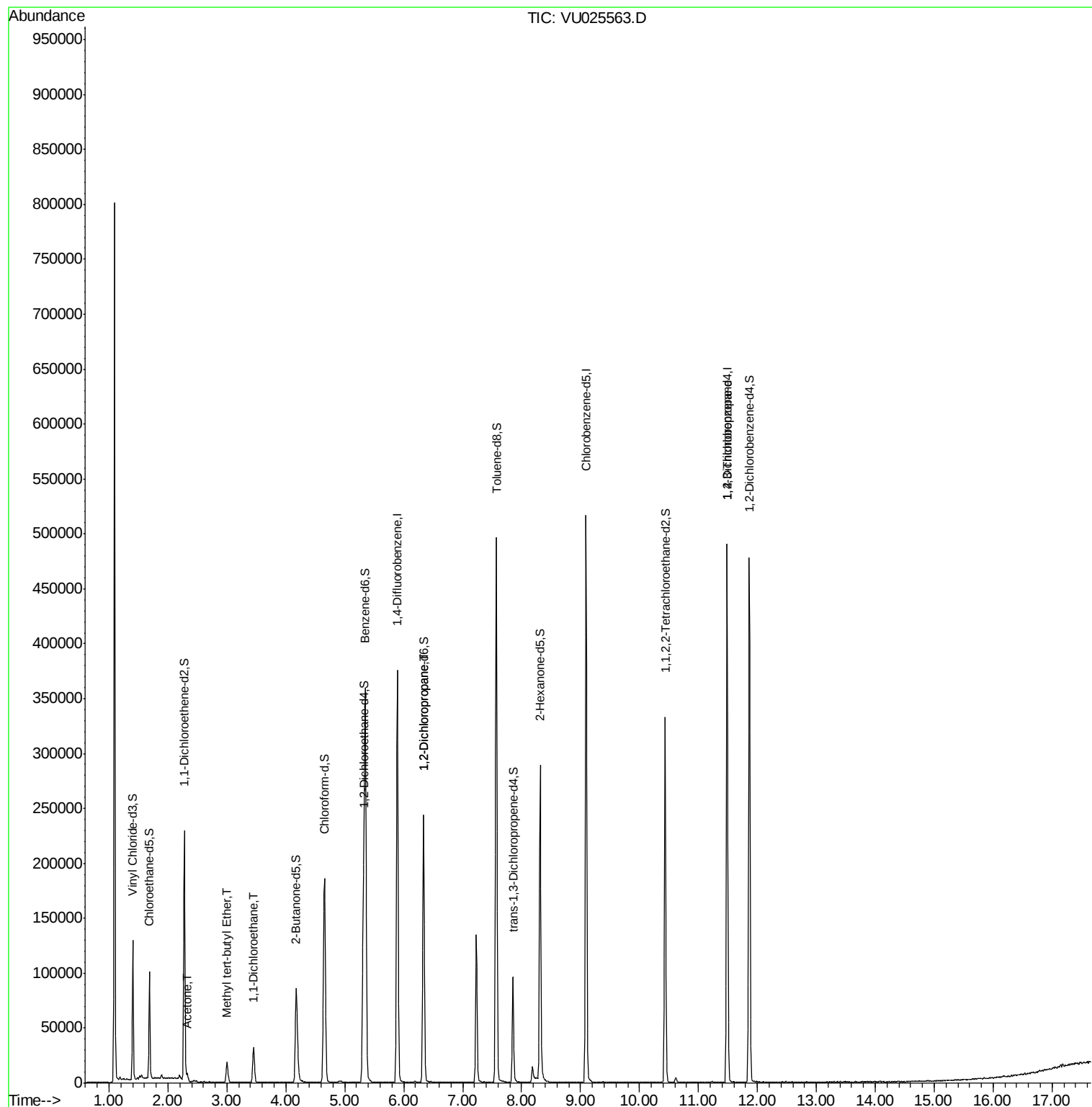
					Ovalue
13) Acetone	2.32	43	6379	3.910 ug/L	94
18) Methyl tert-butyl Ether	3.00	73	19061	2.856 ug/L #	89
19) 1,1-Dichloroethane	3.45	63	35363	9.072 ug/L	97
37) 1,2-Dichloropropane	6.34	63	13239	5.904 ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	14786	5.614 ug/L	92

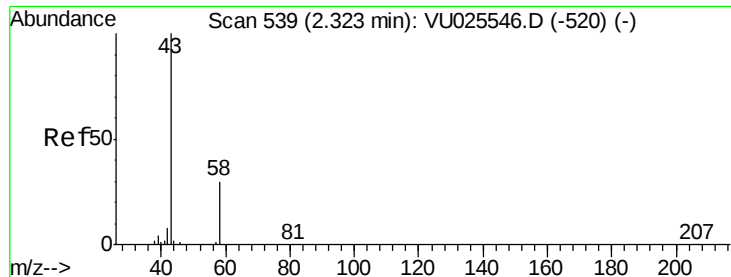
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072018\
Data File : VU025563.D
Acq On : 20 Jul 2018 23:32
Operator : MD/SY
Sample : J4097-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 21 02:55:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 21 02:53:20 2018
Response via : Initial Calibration





#13

Acetone

Concen: 3.910 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025563.D

Acq: 20 Jul 2018 23:32

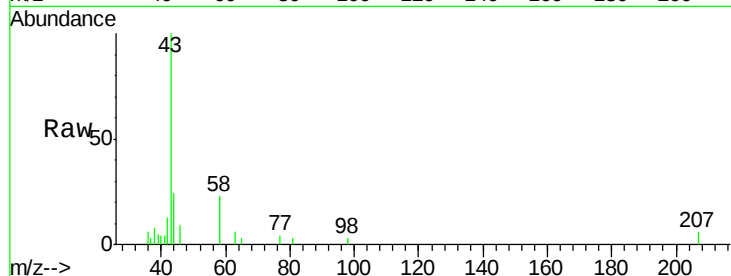
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 6379

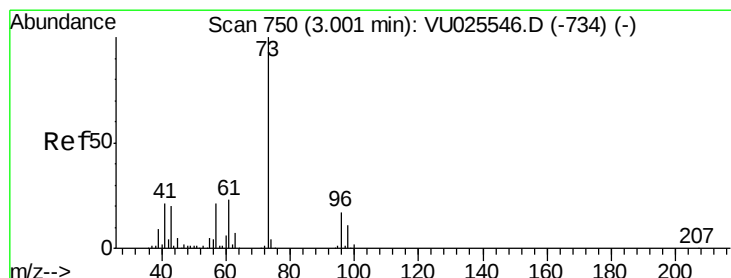
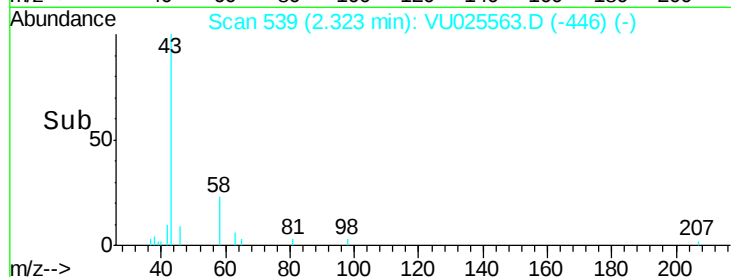
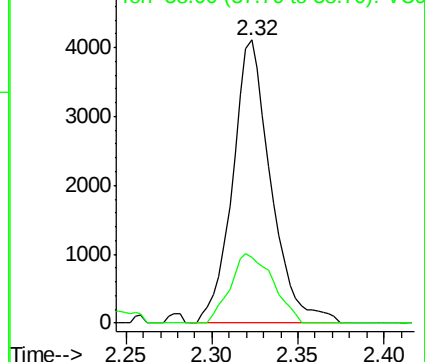
Ion Ratio Lower Upper

43 100

58 27.3 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl tert-butyl Ether

Concen: 2.856 ug/L

RT: 3.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU025563.D

Acq: 20 Jul 2018 23:32

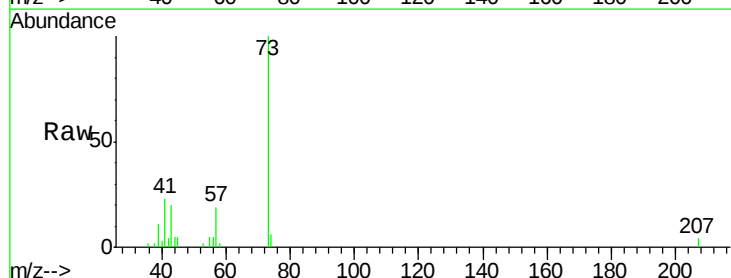
Tgt Ion: 73 Resp: 19061

Ion Ratio Lower Upper

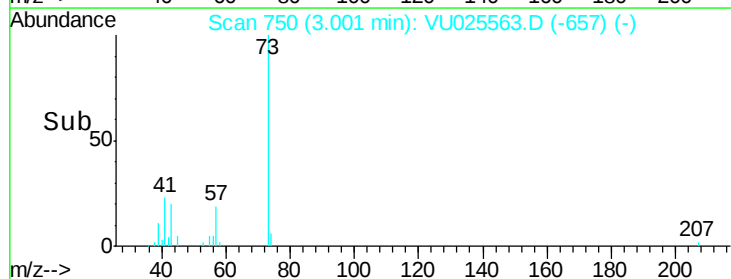
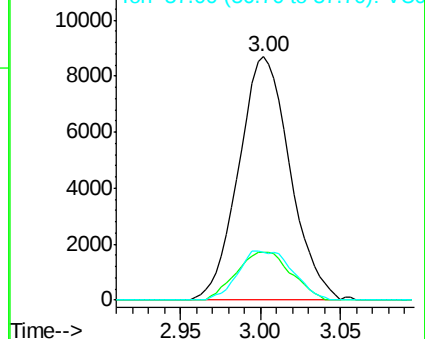
73 100

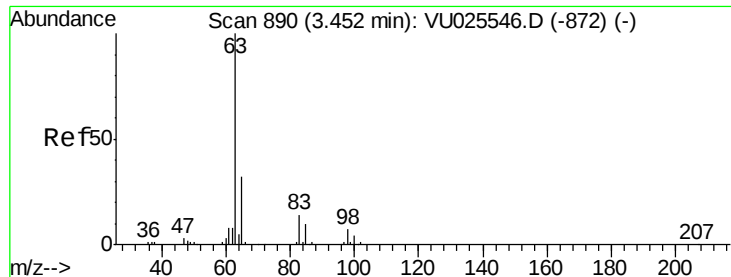
43 21.1 16.2 24.2

57 12.2 17.1 25.7#



Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 57.00 (56.70 to 57.70): VU0





#19

1,1-Dichloroethane

Concen: 9.072 ug/L

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU025563.D

Acq: 20 Jul 2018 23:32

Instrument :

MSVOA_U

ClientSampleId :

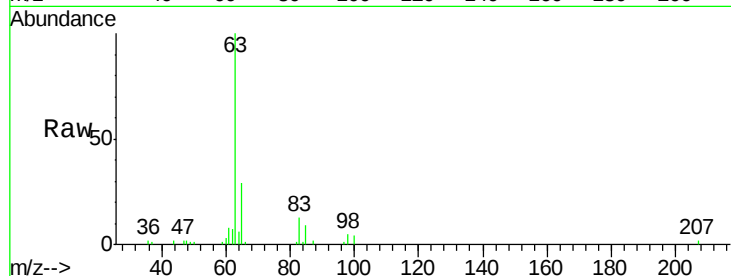
Tot Ion: 63 Resp: 35363

Ion Ratio Lower Upper

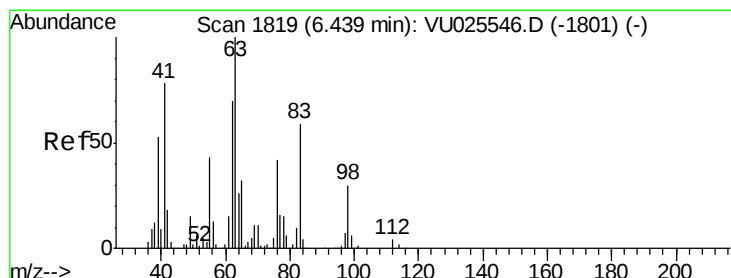
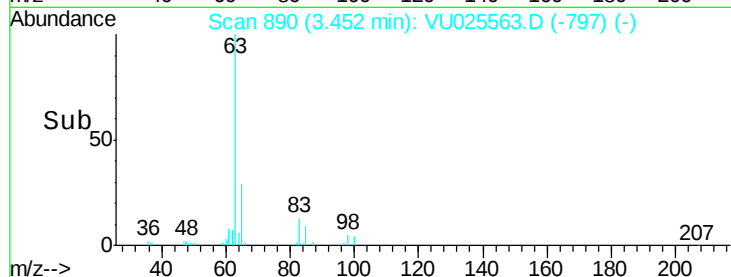
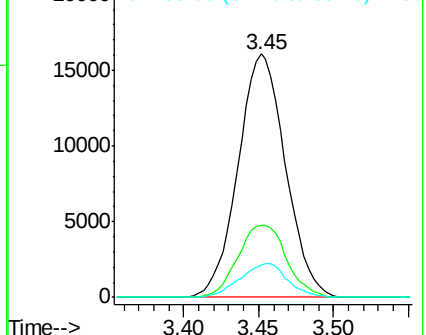
63 100

65 29.5 22.0 41.0

83 13.1 9.6 17.8



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 65.00 (64.70 to 65.70): VU0
Ion 83.00 (82.70 to 83.70): VU0



#37

1,2-Dichloropropane

Concen: 5.904 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU025563.D

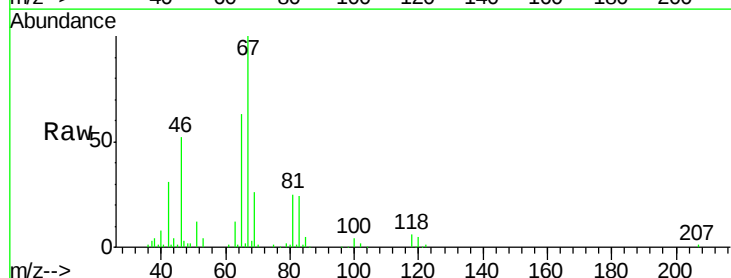
Acq: 20 Jul 2018 23:32

Tgt Ion: 63 Resp: 13239

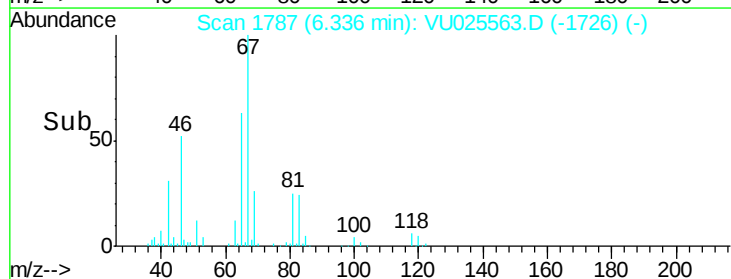
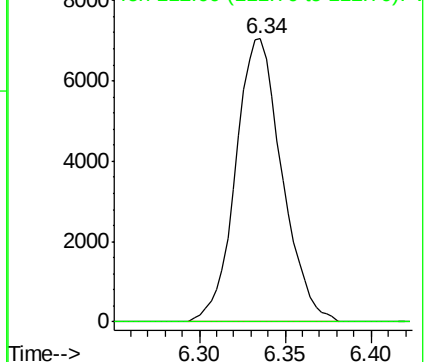
Ion Ratio Lower Upper

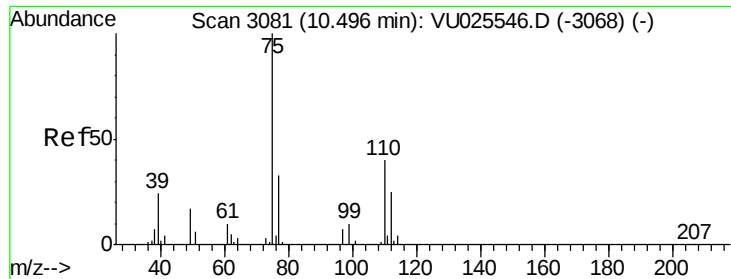
63 100

112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 5.614 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025563.D

Acq: 20 Jul 2018 23:32

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 14786

Ion Ratio Lower Upper

75 100

77 36.7 25.8 38.8

