

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031229.D
 Acq On : 16 Apr 2019 22:42
 Operator : JC/SP
 Sample : K2339-12DL2 4000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC35DL2

Quant Time: Apr 17 04:17:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 04:13:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	506741	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	472082	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	187869	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	200821	43.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.06%
7) Chloroethane-d5	1.68	69	164231	40.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.06%
11) 1,1-Dichloroethene-d2	2.27	63	280095	30.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.60%
21) 2-Butanone-d5	4.19	46	296425	87.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.21%
24) Chloroform-d	4.64	84	327696	42.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.16%
26) 1,2-Dichloroethane-d4	5.31	65	211164	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.08%
32) Benzene-d6	5.34	84	652170	43.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.33	67	221747	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.56%
41) Toluene-d8	7.56	98	555276	42.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.56%
43) trans-1,3-Dichloropropene-	7.85	79	94109	40.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.30%
47) 2-Hexanone-d5	8.31	63	206213	90.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	296251	44.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	193113	44.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.64%

Target Compounds

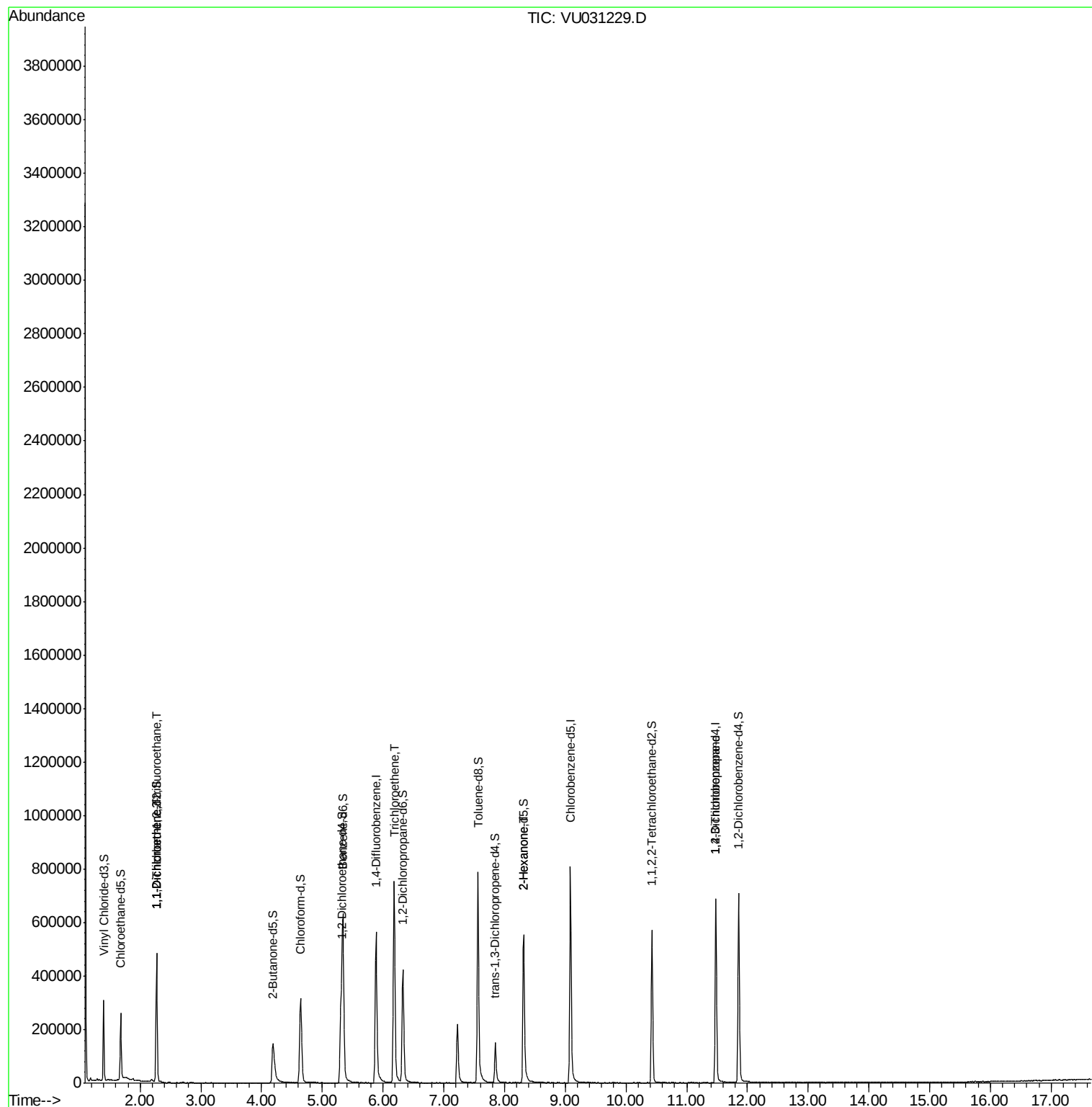
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2691	0.666 ug/L #	19
12) 1,1-Dichloroethene	2.28	96	6379	1.611 ug/L #	1
34) Trichloroethene	6.18	95	281230	70.788 ug/L	99
48) 2-Hexanone	8.31	43	24882	5.273 ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	21028	4.204 ug/L	89

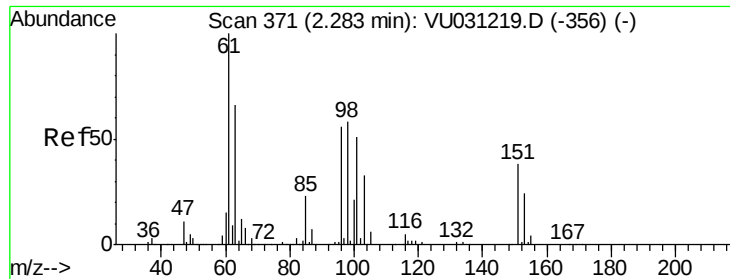
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 17 04:13:40 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.666 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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ClientSampleId :

BFC35DL2

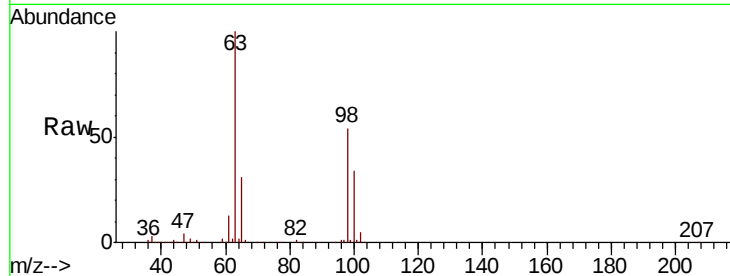
Tgt Ion: 101 Resp: 2691

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

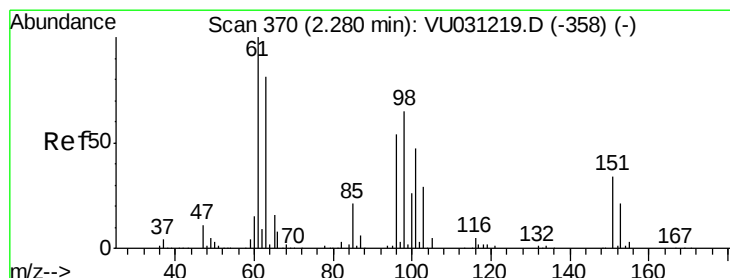
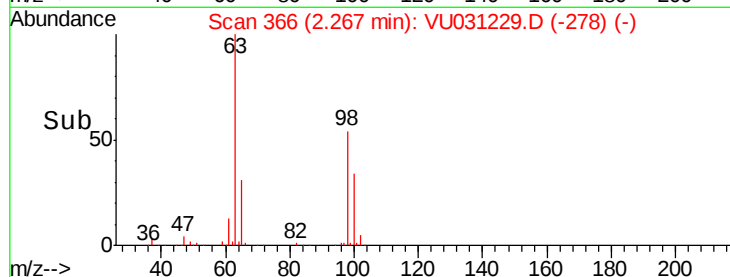
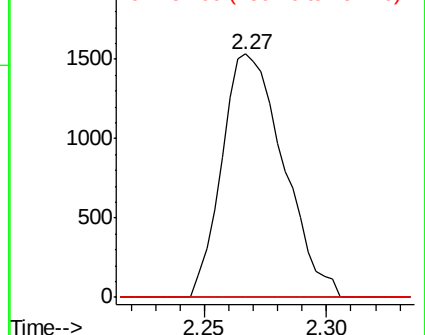
151 0.0 59.8 89.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 1.611 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU031229.D

Acq: 16 Apr 2019 22:42

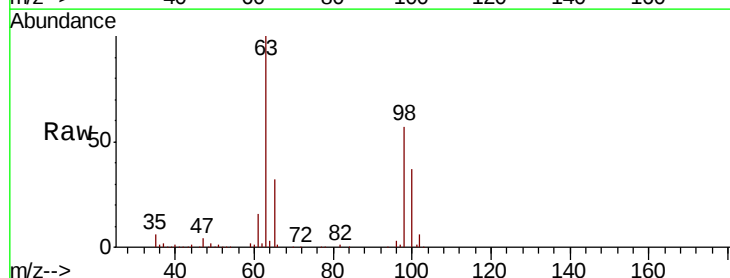
Tgt Ion: 96 Resp: 6379

Ion Ratio Lower Upper

96 100

61 478.3 130.4 242.2#

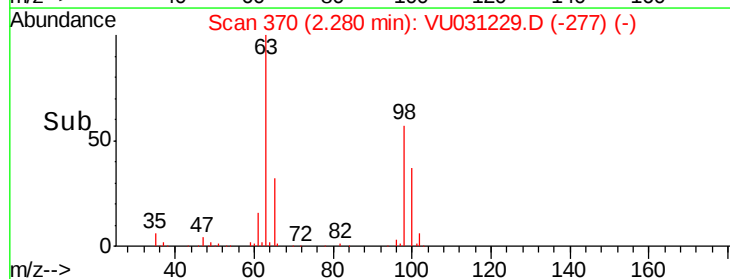
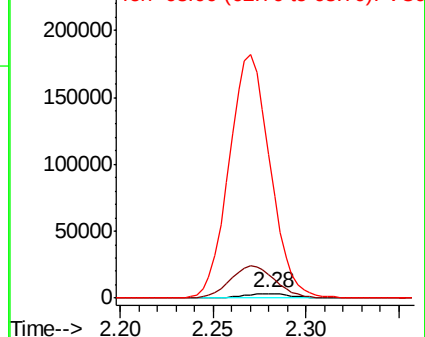
63 2947.2 108.9 202.3#

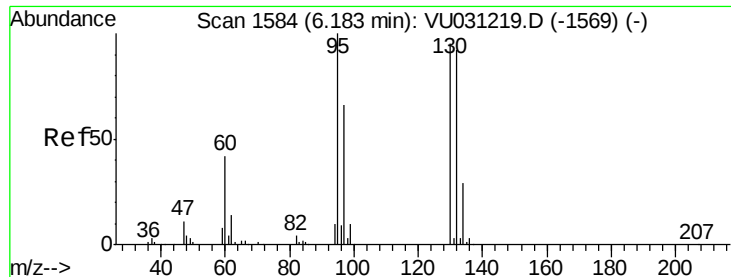


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

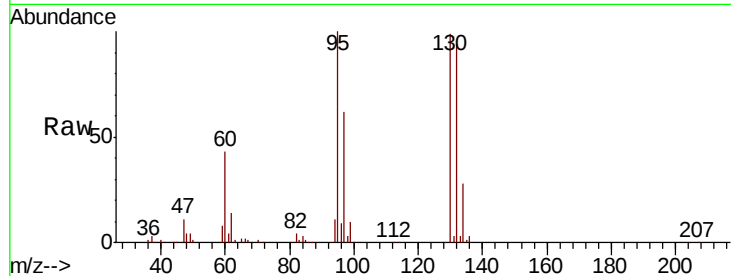




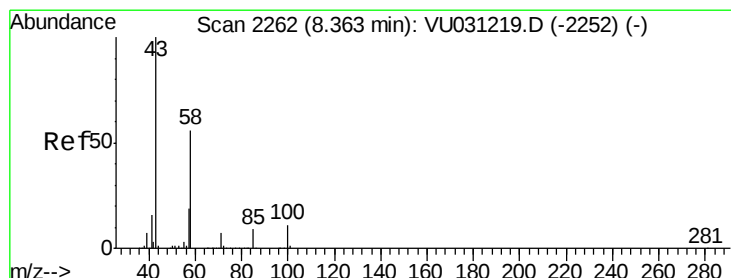
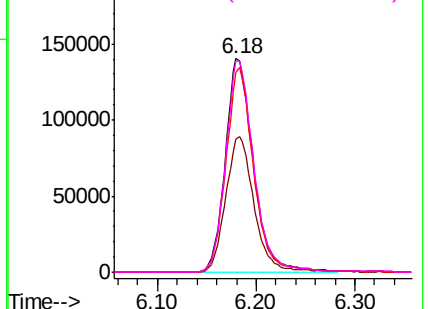
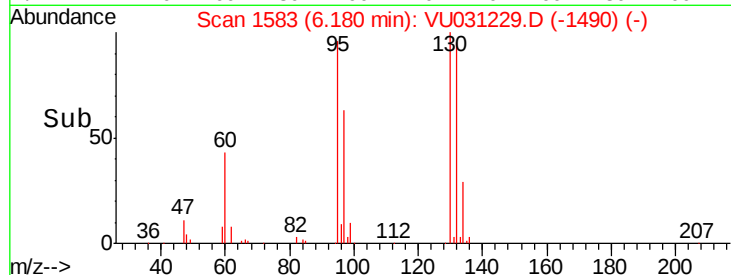
#34
 Trichloroethene
 Concen: 70.788 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031229.D
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Tgt Ion:	95	Resp:	281230
Ion	Ratio	Lower	Upper
95	100		
97	62.1	43.6	81.0
132	93.8	64.5	119.7
130	98.6	68.0	126.2

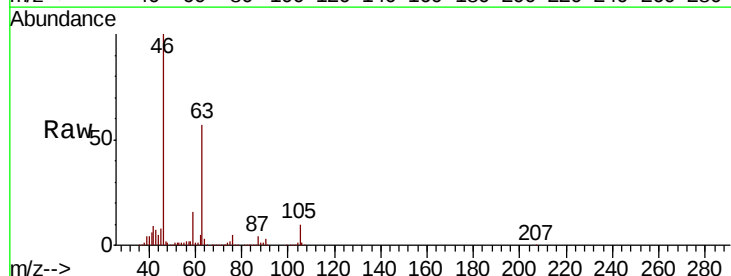


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

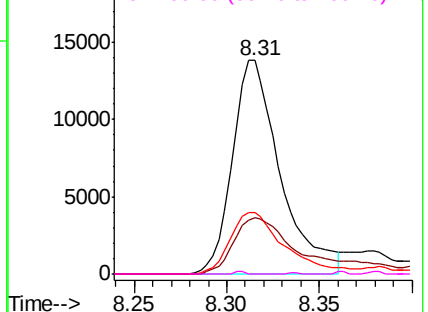
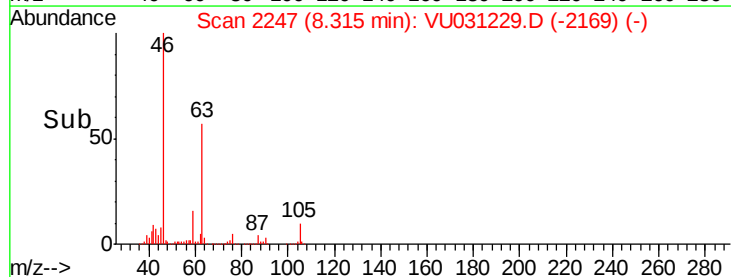


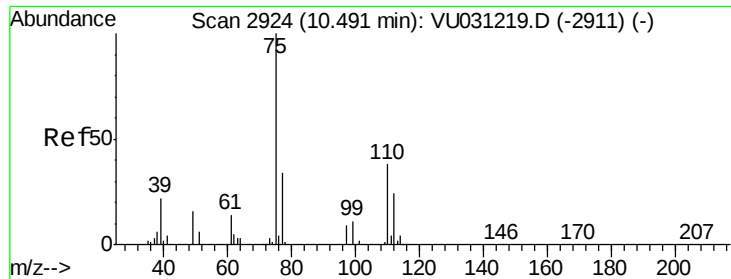
#48
 2-Hexanone
 Concen: 5.273 ug/L
 RT: 8.31 min Scan# 2247
 Delta R.T. -0.05 min
 Lab File: VU031229.D
 Acq: 16 Apr 2019 22:42

Tgt Ion:	43	Resp:	24882
Ion	Ratio	Lower	Upper
43	100		
58	33.7	44.9	67.3#
57	32.6	15.1	22.7#
100	0.2	8.6	13.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.204 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031229.D

Acq: 16 Apr 2019 22:42

Instrument :

MSVOA_U

ClientSampleId :

BFC35DL2

Tgt Ion: 75 Resp: 21028

Ion Ratio Lower Upper

75 100

77 37.7 25.4 38.2

