

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051153.D
 Acq On : 06 Oct 2022 02:15
 Operator : JC/MD
 Sample : N4890-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 06 06:33:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 06 06:20:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

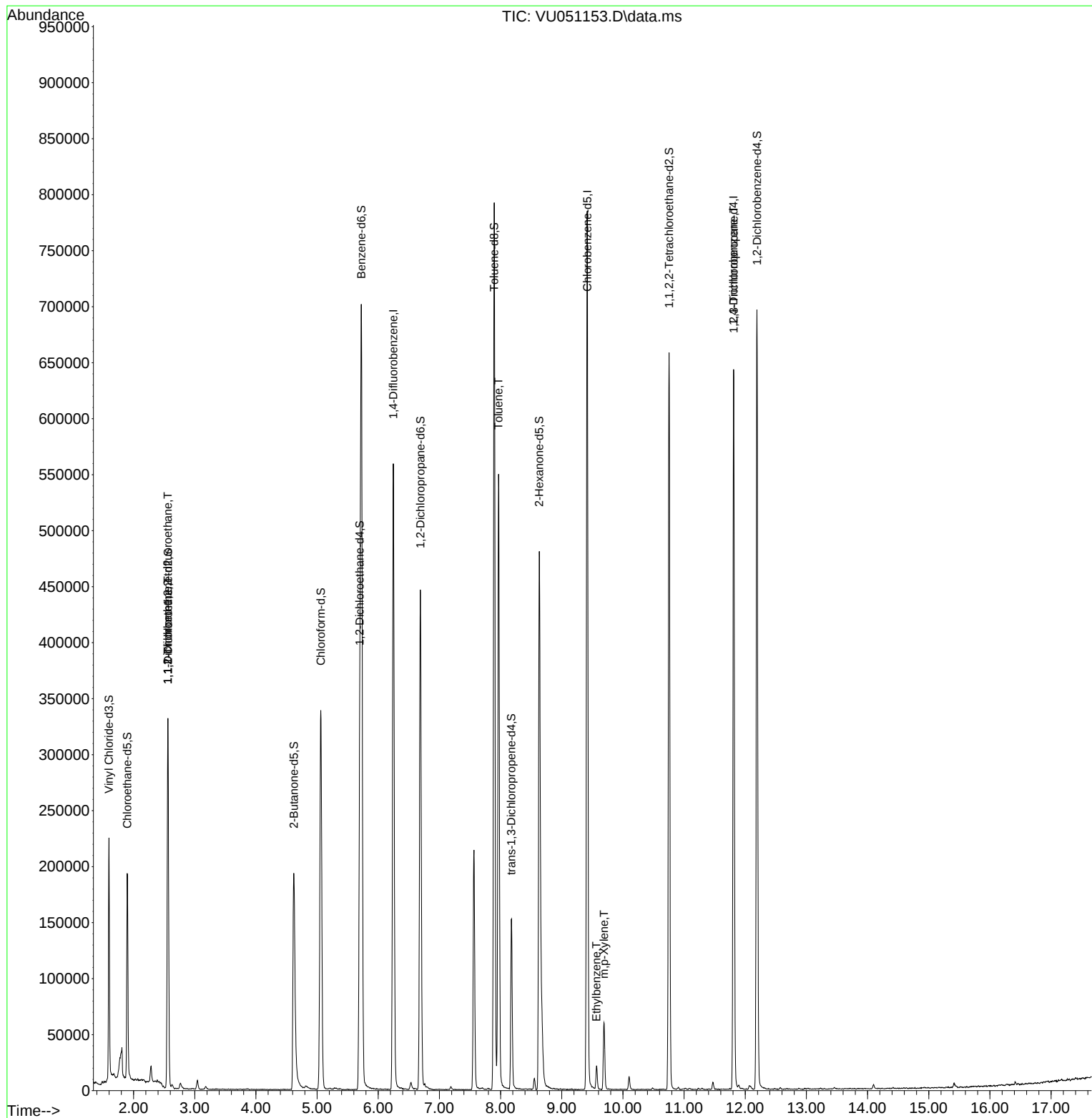
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	456668	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	444894	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	174554	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	147060	31.776	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	63.560%	
7) Chloroethane-d5	1.896	69	142721	33.198	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	66.400%#	
11) 1,1-Dichloroethene-d2	2.562	63	194647	28.472	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	56.940%#	
21) 2-Butanone-d5	4.620	46	281275	93.705	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	93.700%	
24) Chloroform-d	5.060	84	319758	42.884	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.760%	
26) 1,2-Dichloroethane-d4	5.697	65	211917	45.916	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.840%	
32) Benzene-d6	5.726	84	651931	50.040	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.080%	
36) 1,2-Dichloropropane-d6	6.690	67	224926	53.205	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	106.420%	
41) Toluene-d8	7.896	98	536596	44.579	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.160%	
43) trans-1,3-Dichloroprop...	8.176	79	86083	42.691	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.380%	
47) 2-Hexanone-d5	8.632	63	143324	83.962	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	83.960%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	337059	45.620	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	91.240%	
66) 1,2-Dichlorobenzene-d4	12.192	152	183274	49.149	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.300%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1896	0.544	ug/L #	20
12) 1,1-Dichloroethene	2.559	96	1630	0.501	ug/L #	1
42) Toluene	7.967	91	411000	28.488	ug/L	98
52) Ethylbenzene	9.568	91	14521	0.944	ug/L	98
53) m,p-Xylene	9.690	106	17568	3.036	ug/L	96
60) 1,2,3-Trichloropropane	11.812	75	20958	4.563	ug/L #	68

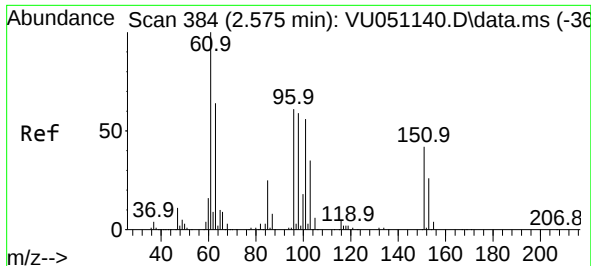
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 06 06:20:30 2022
Response via : Initial Calibration





#10

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

Concen: 0.544 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU051153.D

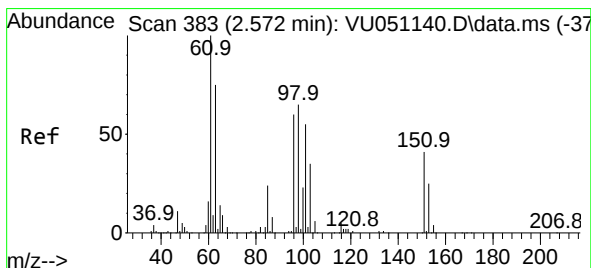
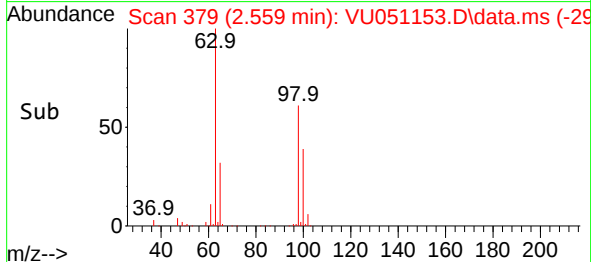
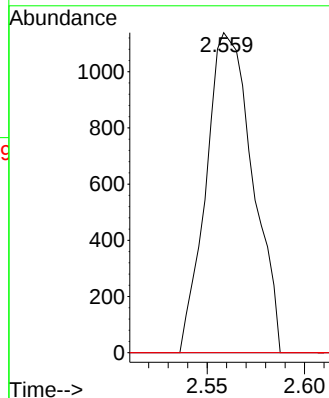
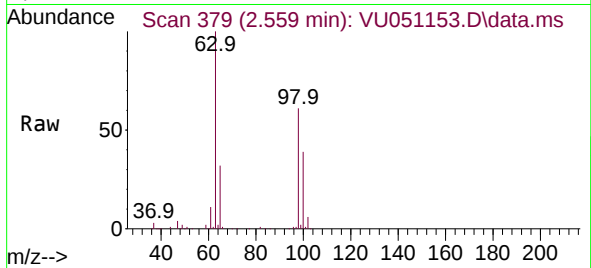
Acq: 06 Oct 2022 02:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	1896
Ion Ratio	Lower	Upper
101	100	
85	0.0	34.6 52.0#
151	0.0	58.6 87.8#



#12

1,1-Dichloroethene

Concen: 0.501 ug/L

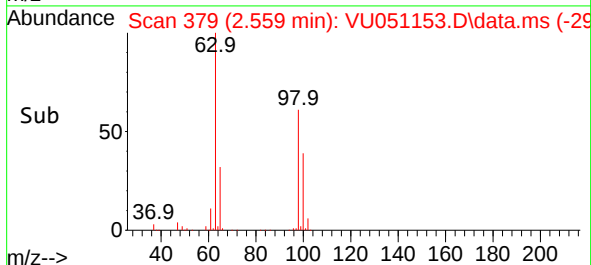
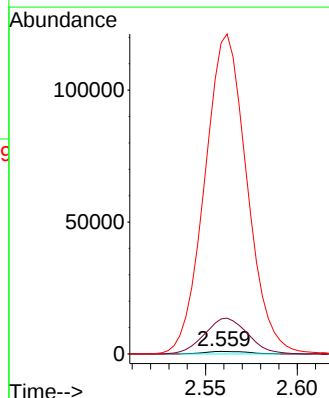
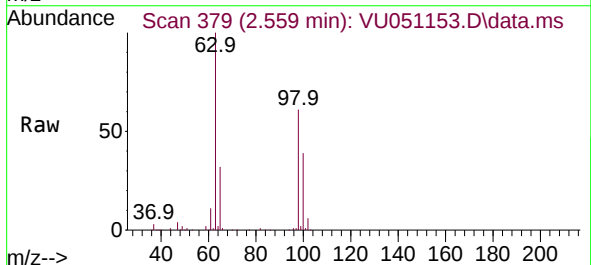
RT: 2.559 min Scan# 379

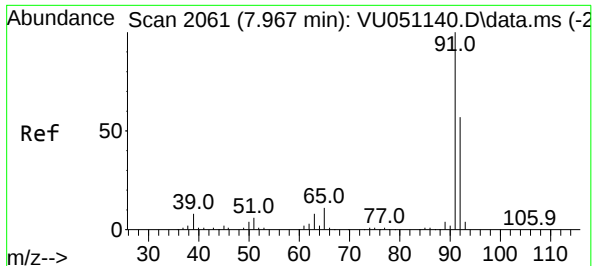
Delta R.T. -0.013 min

Lab File: VU051153.D

Acq: 06 Oct 2022 02:15

Tgt Ion: 96	Resp:	1630
Ion Ratio	Lower	Upper
96	100	
61	1351.7	113.0 209.9#
63	11987.0	91.7 170.3#

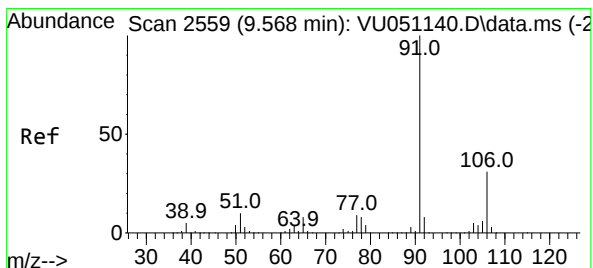
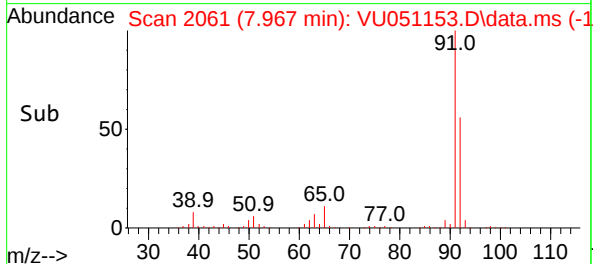
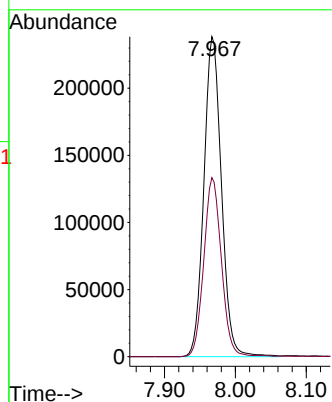
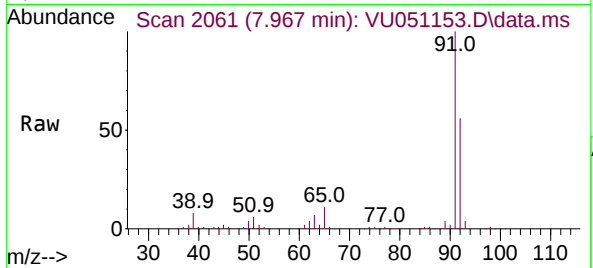




#42
Toluene
Concen: 28.488 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU051153.D
Acq: 06 Oct 2022 02:15

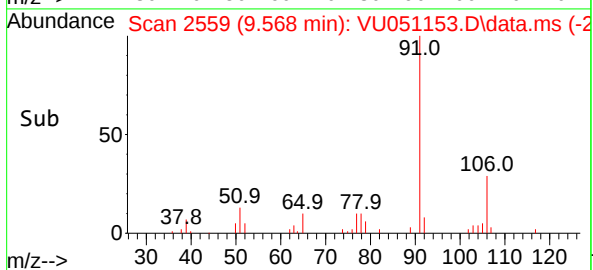
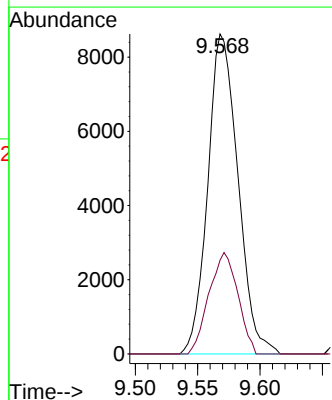
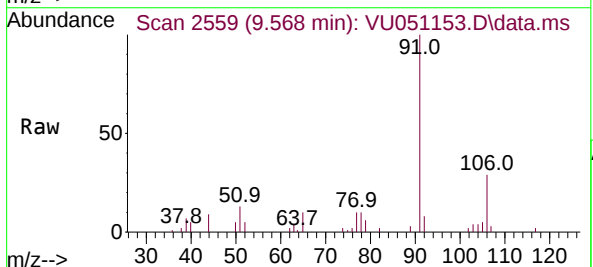
Instrument :
MSVOA_U
ClientSampleId :

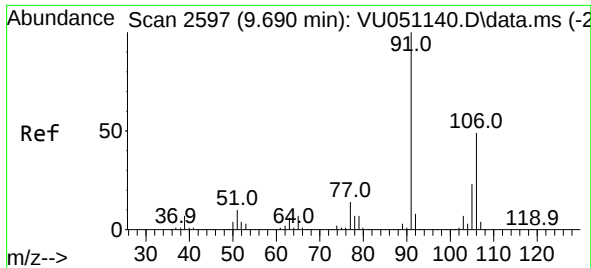
Tgt Ion: 91 Resp: 411000
Ion Ratio Lower Upper
91 100
92 55.9 40.1 74.5



#52
Ethylbenzene
Concen: 0.944 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051153.D
Acq: 06 Oct 2022 02:15

Tgt Ion: 91 Resp: 14521
Ion Ratio Lower Upper
91 100
106 32.0 21.7 40.3

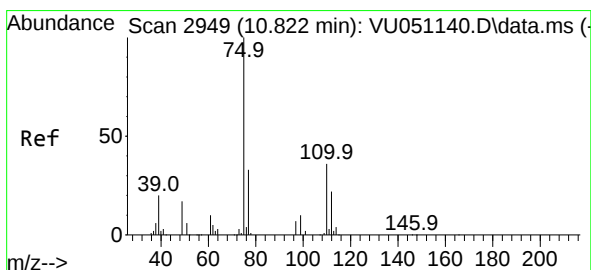
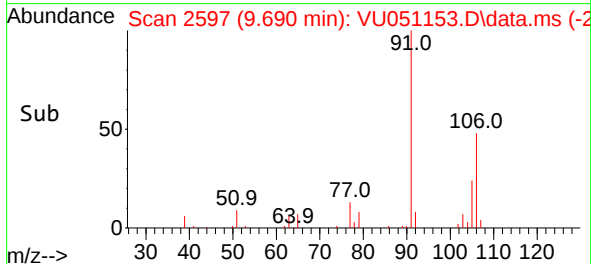
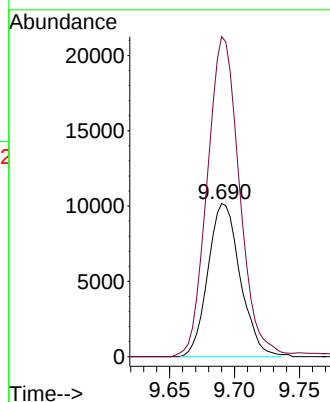
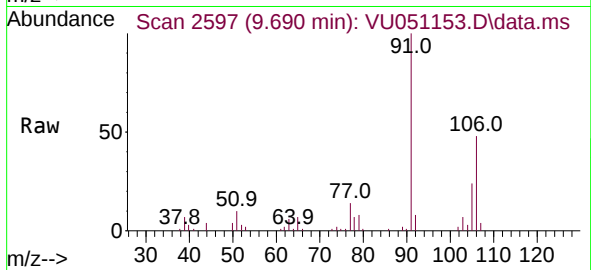




#53
m,p-Xylene
Concen: 3.036 ug/L
RT: 9.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051153.D
Acq: 06 Oct 2022 02:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 17568
Ion Ratio Lower Upper
106 100
91 208.9 141.9 263.5



#60
1,2,3-Trichloropropane
Concen: 4.563 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU051153.D
Acq: 06 Oct 2022 02:15

Tgt Ion: 75 Resp: 20958
Ion Ratio Lower Upper
75 100
77 32.9 26.1 39.1
110 2.3 30.0 45.0#

