

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071122\
 Data File : VU049682.D
 Acq On : 11 Jul 2022 17:43
 Operator : SY/MD
 Sample : N3625-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jul 12 02:35:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 12 02:23:25 2022
 Response via : Initial Calibration

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

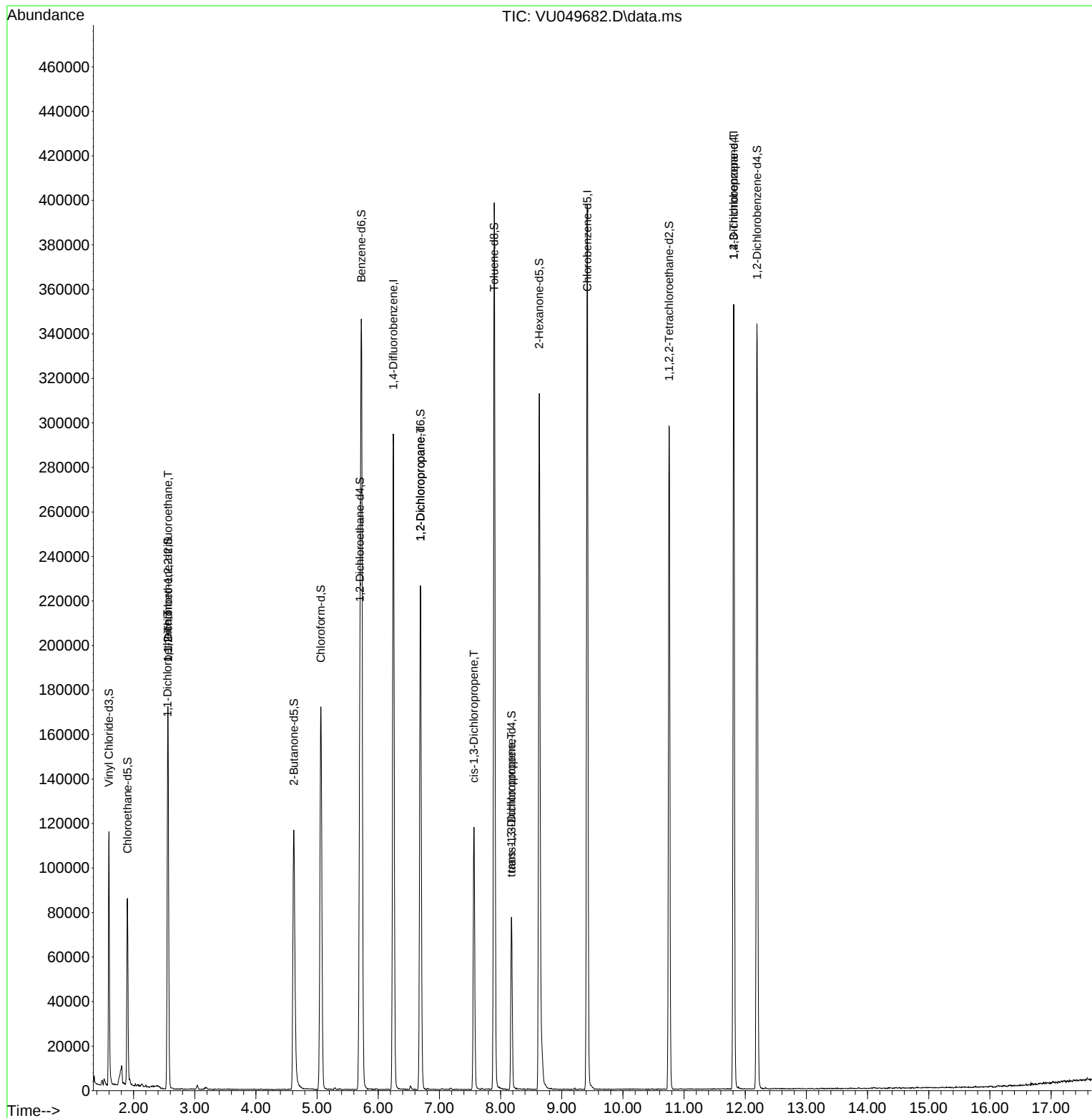
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	221554	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	203251	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	88680	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	81974	43.852	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.700%		
7) Chloroethane-d5	1.899	69	63217	46.785	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.560%		
11) 1,1-Dichloroethene-d2	2.562	63	105352	31.906	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.820%		
21) 2-Butanone-d5	4.620	46	174344	109.252	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	109.250%		
24) Chloroform-d	5.063	84	157512	47.573	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.140%		
26) 1,2-Dichloroethane-d4	5.700	65	110557	49.338	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.680%		
32) Benzene-d6	5.726	84	302469	48.985	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.980%		
36) 1,2-Dichloropropane-d6	6.690	67	105974	51.025	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.040%		
41) Toluene-d8	7.896	98	250738	46.630	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.260%		
43) trans-1,3-Dichloroprop...	8.179	79	42343	48.389	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.780%		
47) 2-Hexanone-d5	8.632	63	98535	105.470	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.470%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	147108	50.621	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.240%		
66) 1,2-Dichlorobenzene-d4	12.192	152	85730	51.274	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.540%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	950	0.557	ug/L #	20
12) 1,1-Dichloroethene	2.555	96	752	0.475	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	11597	5.477	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2782	0.974	ug/L #	68
44) trans-1,3-Dichloropropene	8.176	75	2051	0.765	ug/L	97
60) 1,2,3-Trichloropropane	11.812	75	12098	5.122	ug/L #	68

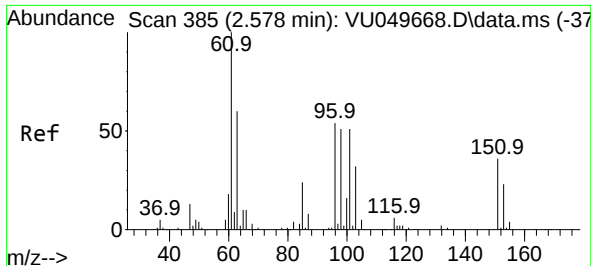
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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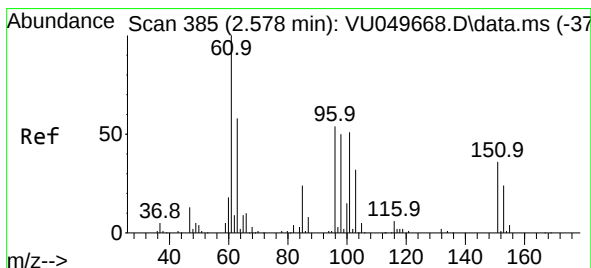
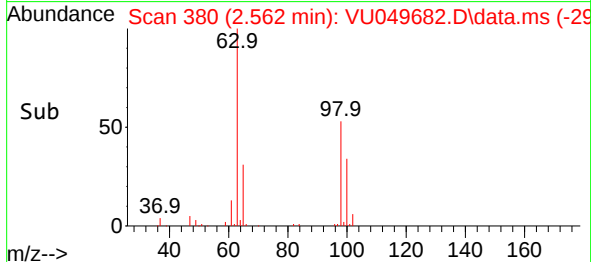
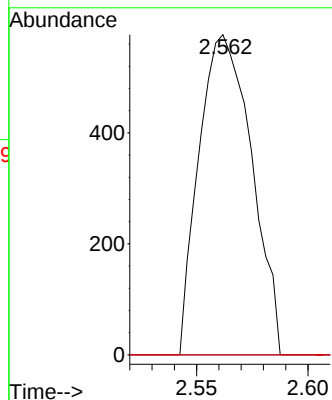
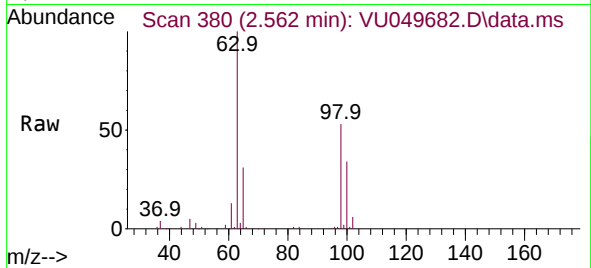




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.557 ug/L
RT: 2.562 min Scan# 318
Delta R.T. -0.016 min
Lab File: VU049682.D
Acq: 11 Jul 2022 17:43

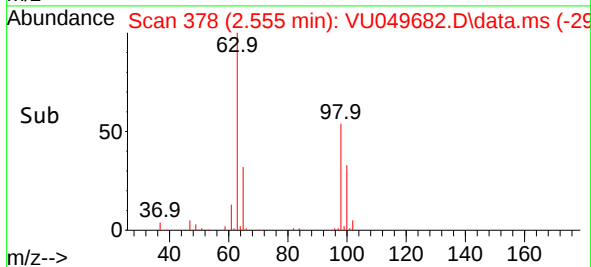
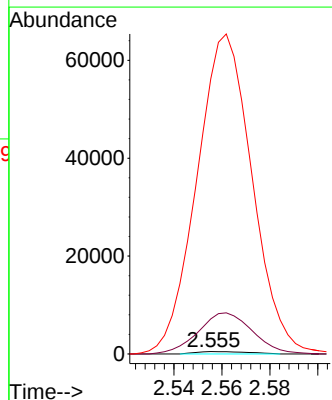
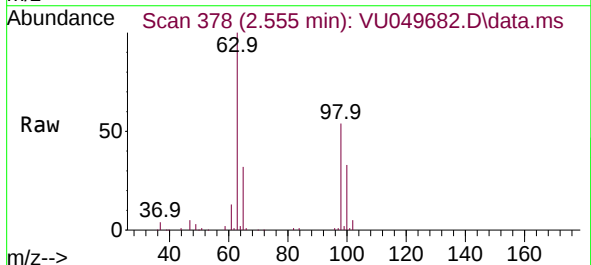
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

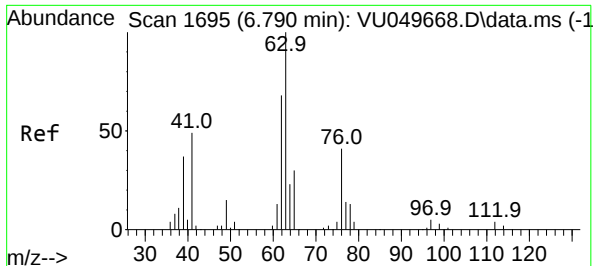
Tgt Ion:101 Resp: 950
Ion Ratio Lower Upper
101 100
85 0.0 37.3 55.9#
151 0.0 56.9 85.3#



#12
1,1-Dichloroethene
Concen: 0.475 ug/L
RT: 2.555 min Scan# 378
Delta R.T. -0.023 min
Lab File: VU049682.D
Acq: 11 Jul 2022 17:43

Tgt Ion: 96 Resp: 752
Ion Ratio Lower Upper
96 100
61 1459.8 129.6 240.6#
63 11467.8 79.0 146.6#





#37

1,2-Dichloropropane

Concen: 5.477 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049682.D

Acq: 11 Jul 2022 17:43

Instrument :

MSVOA_U

ClientSampleId :

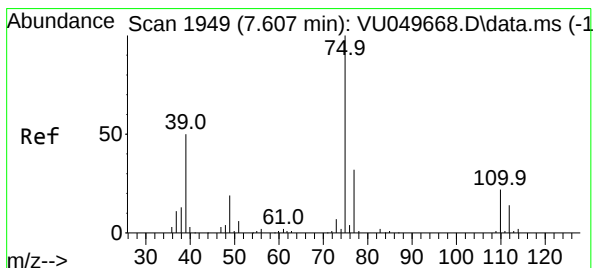
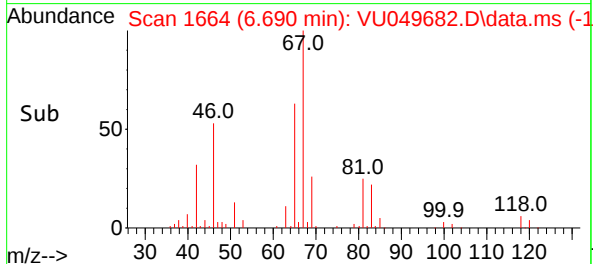
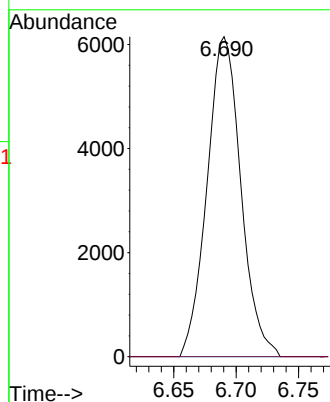
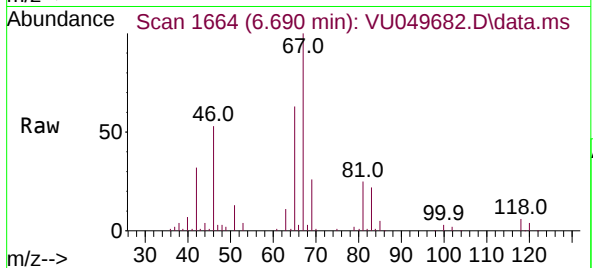
VHBLK001

Tgt Ion: 63 Resp: 11597

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.974 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049682.D

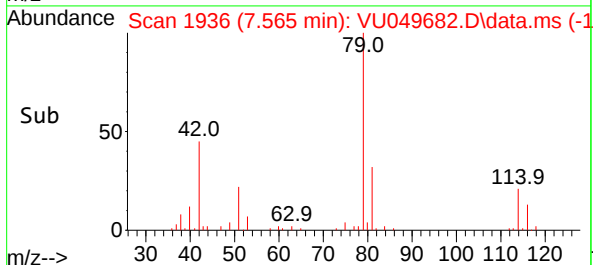
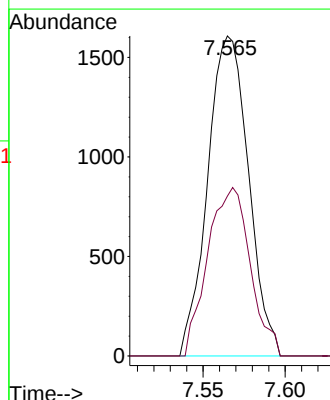
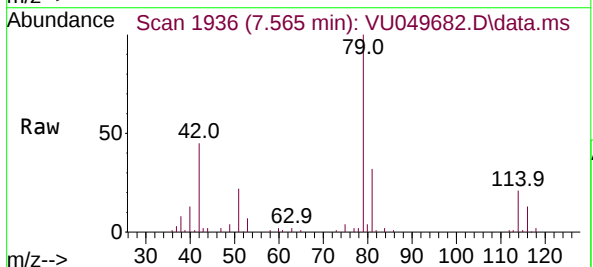
Acq: 11 Jul 2022 17:43

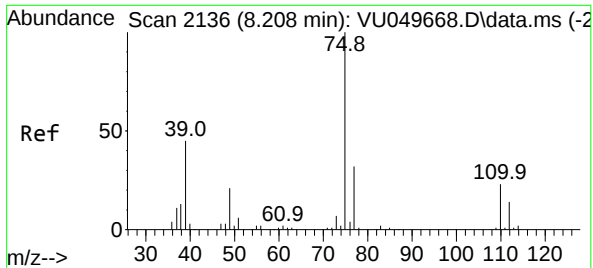
Tgt Ion: 75 Resp: 2782

Ion Ratio Lower Upper

75 100

77 49.9 22.6 42.0#

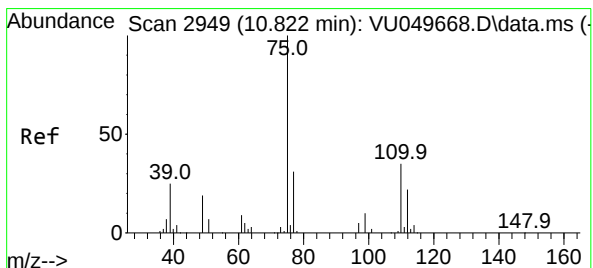
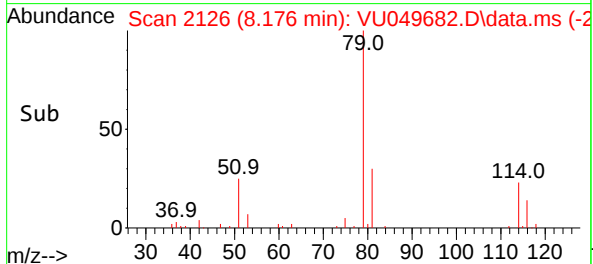
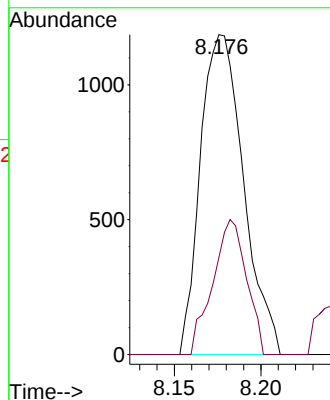
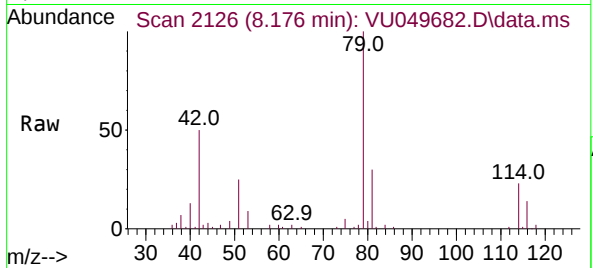




#44
trans-1,3-Dichloropropene
Concen: 0.765 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU049682.D
Acq: 11 Jul 2022 17:43

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Tgt Ion: 75 Resp: 2051
Ion Ratio Lower Upper
75 100
77 30.4 22.5 41.9



#60
1,2,3-Trichloropropane
Concen: 5.122 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049682.D
Acq: 11 Jul 2022 17:43

Tgt Ion: 75 Resp: 12098
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3
110 1.5 28.9 43.3#

