

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030412.D
 Acq On : 04 Aug 2022 23:17
 Operator : JC/MD
 Sample : N4021-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E18

Quant Time: Aug 05 05:30:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 05:25:14 2022
 Response via : Initial Calibration

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

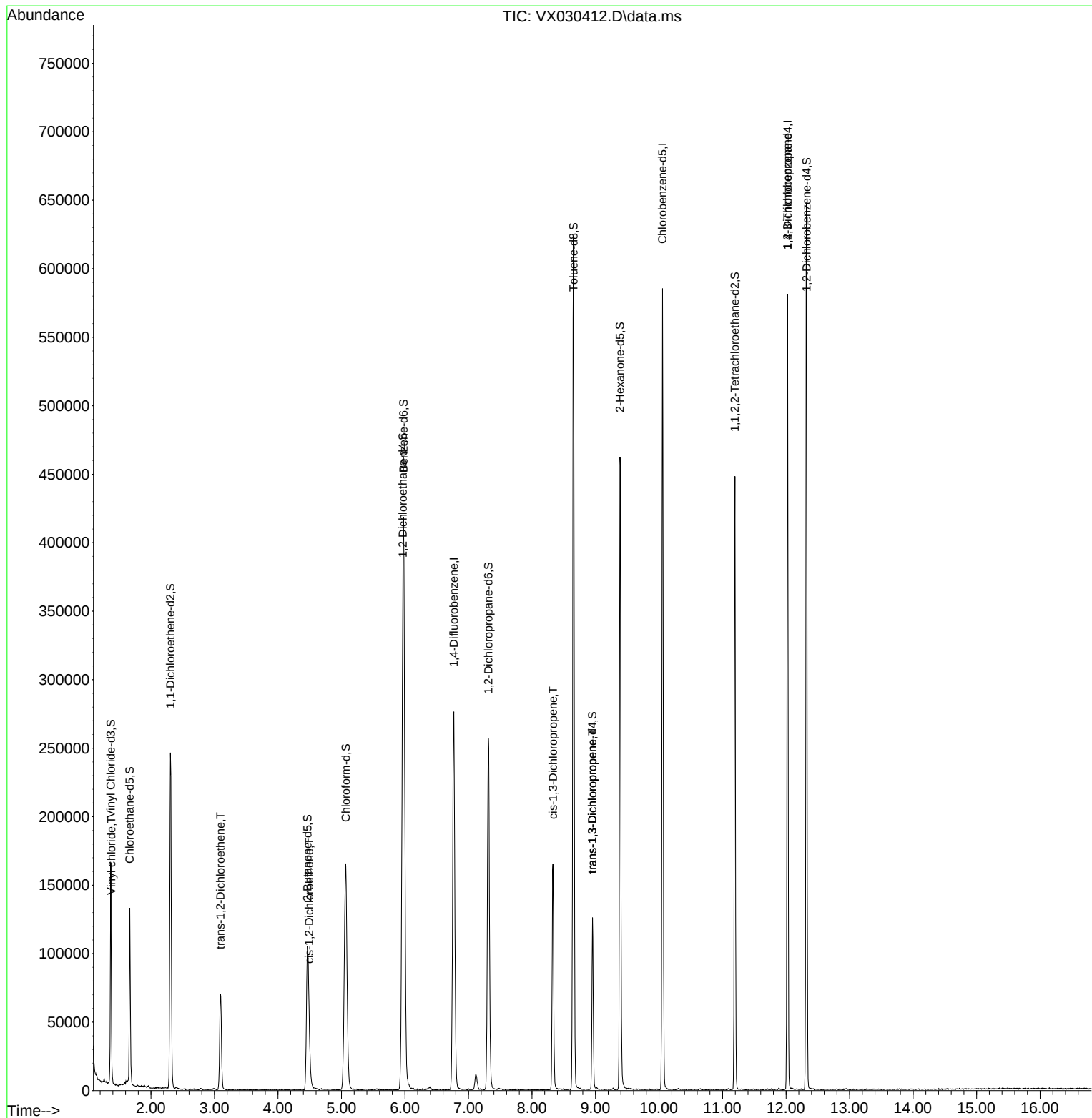
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	269486	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	239683	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	105314	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	98381	56.848	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 113.700%	
7) Chloroethane-d5	1.666	69	76093	62.372	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 124.740%	
11) 1,1-Dichloroethene-d2	2.307	63	142056	43.395	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 86.780%	
21) 2-Butanone-d5	4.465	46	187228	116.763	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 116.760%	
24) Chloroform-d	5.068	84	199207	55.918	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.840%	
26) 1,2-Dichloroethane-d4	5.964	65	139668	57.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.480%	
32) Benzene-d6	5.977	84	399916	58.249	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 116.500%	
36) 1,2-Dichloropropane-d6	7.312	67	130573	58.618	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 117.240%	
41) Toluene-d8	8.653	98	359043	55.480	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 110.960%	
43) trans-1,3-Dichloroprop...	8.952	79	55919	50.462	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.920%	
47) 2-Hexanone-d5	9.384	63	131467	115.788	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 115.790%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	167188	57.134	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 114.260%	
66) 1,2-Dichlorobenzene-d4	12.323	152	122927	60.179	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 120.360%#	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	2249	1.208	ug/L #	64
17) trans-1,2-Dichloroethene	3.093	96	27834	15.928	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	1535	0.781	ug/L	96
39) cis-1,3-Dichloropropene	8.330	75	3787	1.242	ug/L #	53
44) trans-1,3-Dichloropropene	8.952	75	2747	0.921	ug/L	83
61) 1,2,3-Trichloropropane	12.024	75	13900	6.146	ug/L #	69

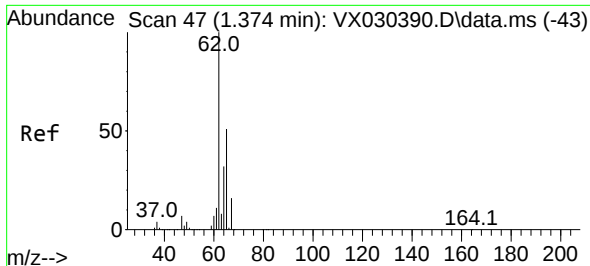
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 05 05:25:14 2022
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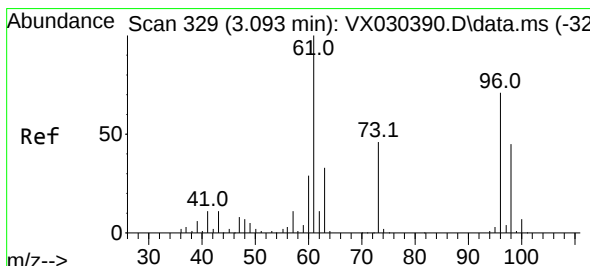
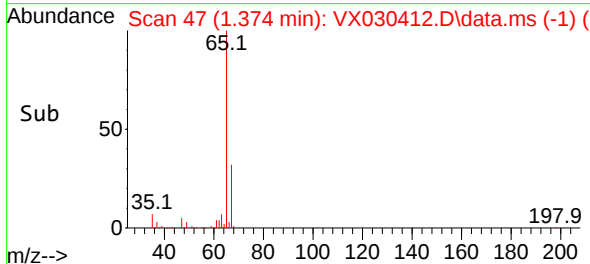
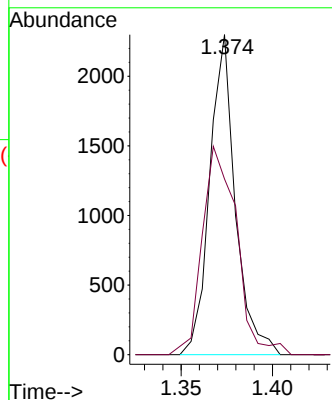
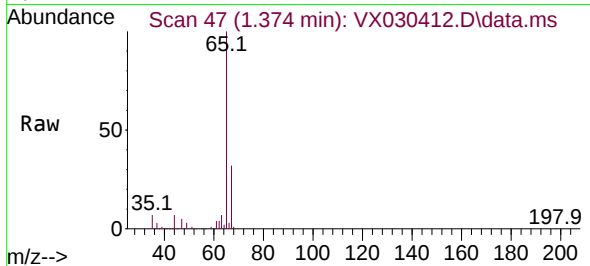




#5
 Vinyl chloride
 Concen: 1.208 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030412.D
 Acq: 04 Aug 2022 23:17

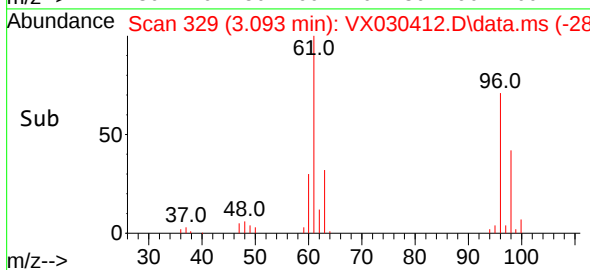
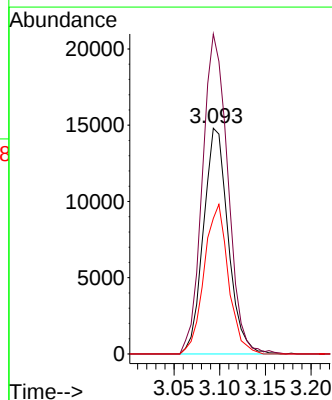
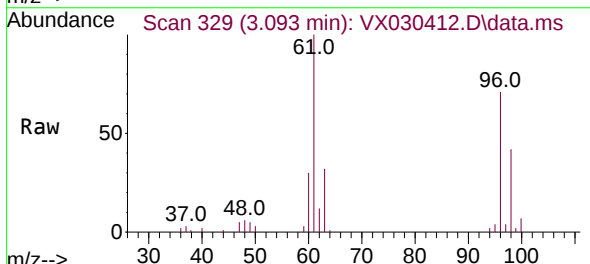
Instrument :
 MSVOA_X
 ClientSampleId :
 F5E18

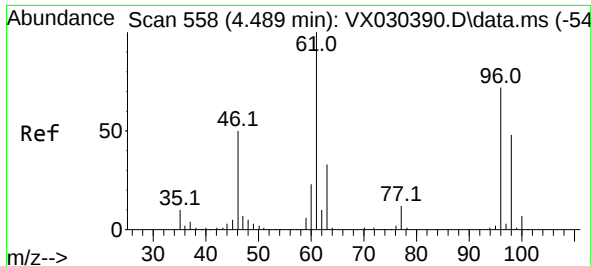
Tgt Ion: 62 Resp: 2249
 Ion Ratio Lower Upper
 62 100
 64 54.9 23.8 44.2#



#17
 trans-1,2-Dichloroethene
 Concen: 15.928 ug/L
 RT: 3.093 min Scan# 329
 Delta R.T. 0.000 min
 Lab File: VX030412.D
 Acq: 04 Aug 2022 23:17

Tgt Ion: 96 Resp: 27834
 Ion Ratio Lower Upper
 96 100
 61 141.8 103.7 192.5
 98 60.1 41.5 77.1





#20

cis-1,2-Dichloroethene

Concen: 0.781 ug/L

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX030412.D

Acq: 04 Aug 2022 23:17

Instrument :

MSVOA_X

ClientSampleId :

F5E18

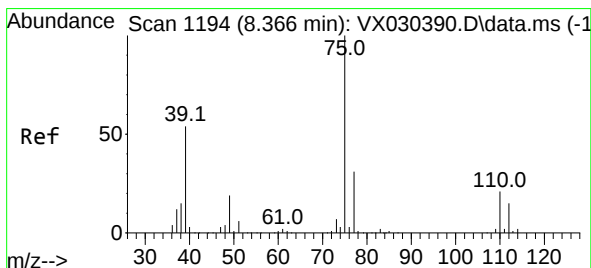
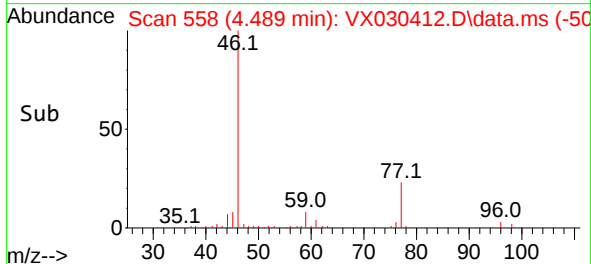
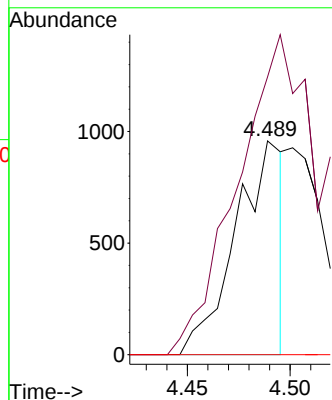
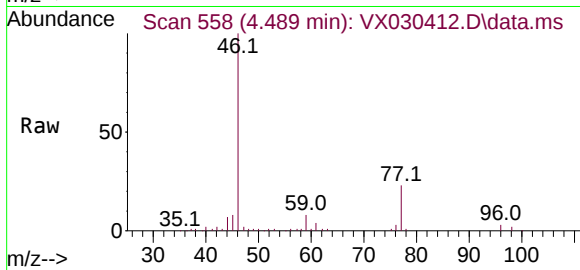
Tgt Ion: 96 Resp: 1535

Ion Ratio Lower Upper

96 100

61 130.0 94.0 174.6

68 0.0 0.0 0.0



#39

cis-1,3-Dichloropropene

Concen: 1.242 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.036 min

Lab File: VX030412.D

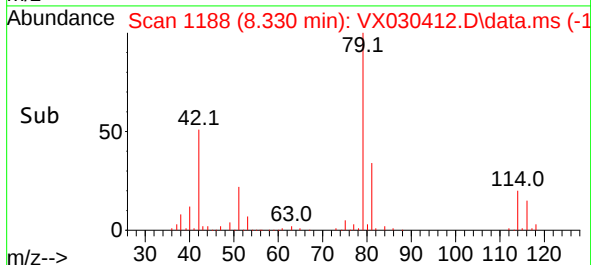
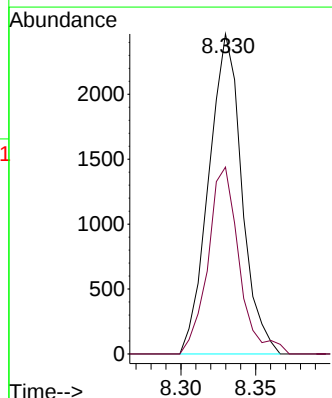
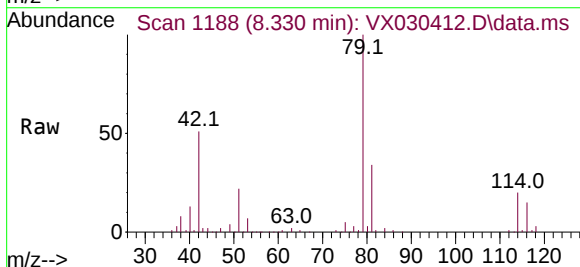
Acq: 04 Aug 2022 23:17

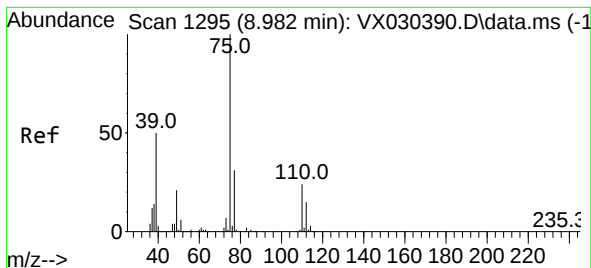
Tgt Ion: 75 Resp: 3787

Ion Ratio Lower Upper

75 100

77 58.4 22.4 41.6#





#44

trans-1,3-Dichloropropene

Concen: 0.921 ug/L

RT: 8.952 min Scan# 11

Delta R.T. -0.030 min

Lab File: VX030412.D

Acq: 04 Aug 2022 23:17

Instrument :

MSVOA_X

ClientSampleId :

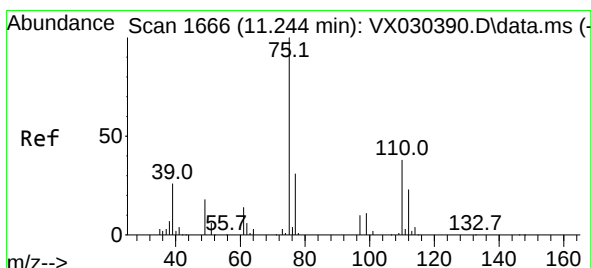
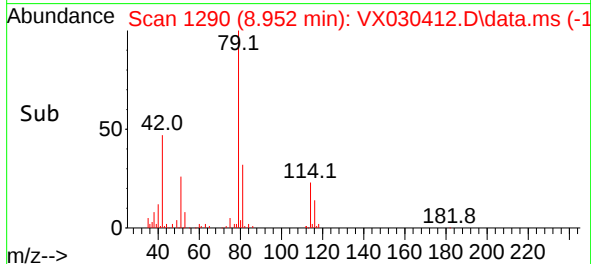
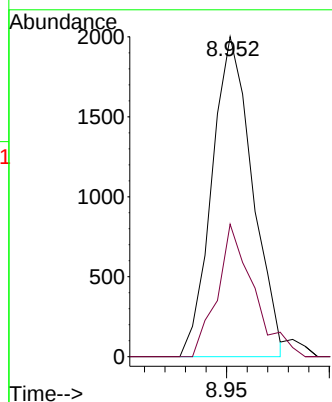
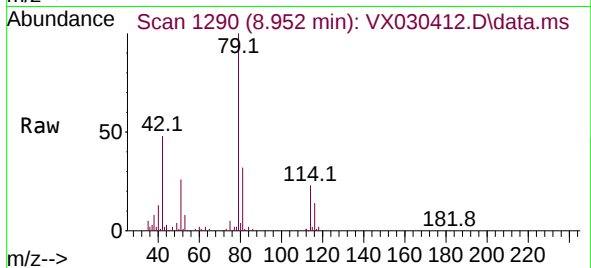
F5E18

Tgt Ion: 75 Resp: 2747

Ion Ratio Lower Upper

75 100

77 41.4 22.5 41.7



#61

1,2,3-Trichloropropane

Concen: 6.146 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.780 min

Lab File: VX030412.D

Acq: 04 Aug 2022 23:17

Tgt Ion: 75 Resp: 13900

Ion Ratio Lower Upper

75 100

77 34.1 26.1 39.1

110 4.3 30.5 45.7#

