

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031824\
 Data File : VX040693.D
 Acq On : 18 Mar 2024 12:57
 Operator : JC/MD
 Sample : P1753-09DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 19 01:23:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 19 01:22:22 2024
 Response via : Initial Calibration

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

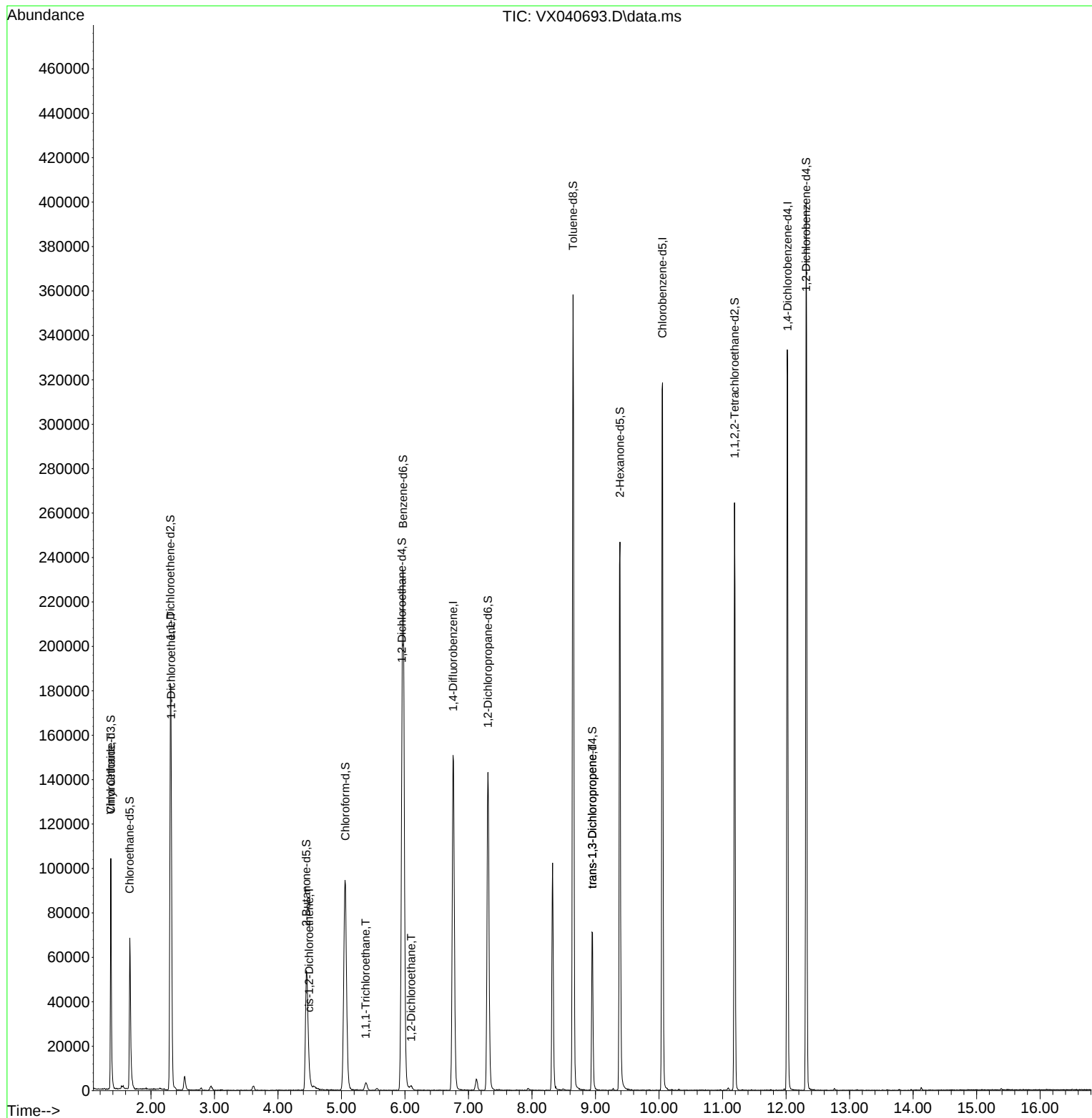
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	146542	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	137560	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	64858	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	65848	51.261	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.520%
7) Chloroethane-d5	1.666	69	51351	50.072	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.140%
11) 1,1-Dichloroethene-d2	2.306	65	29244	49.455	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.900%
21) 2-Butanone-d5	4.446	46	95599	96.982	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.980%
24) Chloroform-d	5.062	84	119372	50.040	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.080%
26) 1,2-Dichloroethane-d4	5.952	65	88824	49.872	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.740%
32) Benzene-d6	5.970	84	220447	52.235	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.460%
36) 1,2-Dichloropropane-d6	7.305	67	68543	52.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.800%
41) Toluene-d8	8.647	98	203544	50.046	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.100%
43) trans-1,3-Dichloroprop...	8.951	79	34005	48.847	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.700%
47) 2-Hexanone-d5	9.384	63	68261	94.582	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.580%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	96807	49.433	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.860%
66) 1,2-Dichlorobenzene-d4	12.317	152	73566	54.156	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.320%
Target Compounds						Qvalue
8) Chloroethane	1.367	64	1224	1.735	ug/L #	1
12) 1,1-Dichloroethene	2.319	96	19365	21.679	ug/L #	31
20) cis-1,2-Dichloroethene	4.489	96	2147	2.088	ug/L #	70
27) 1,2-Dichloroethane	6.098	62	2159	1.222	ug/L #	79
30) 1,1,1-Trichloroethane	5.379	97	1937	1.131	ug/L #	67
44) trans-1,3-Dichloropropene	8.951	75	1713	1.068	ug/L #	80

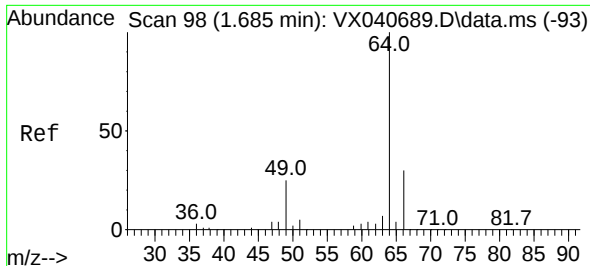
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 19 01:22:22 2024
Response via : Initial Calibration

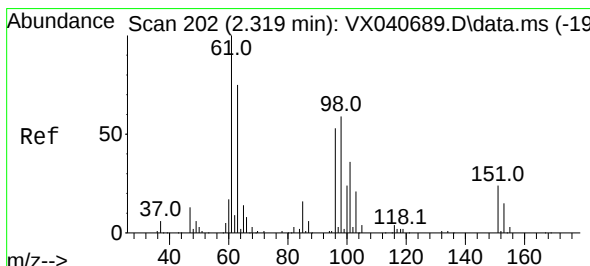
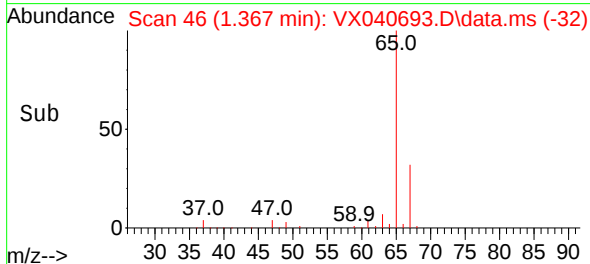
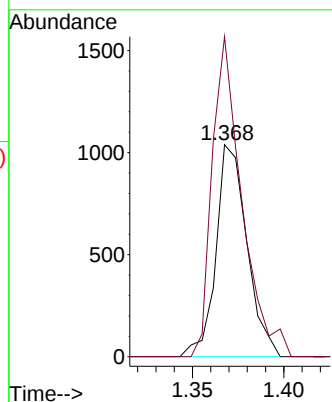
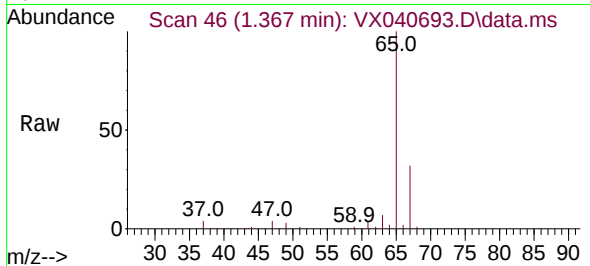




#8
Chloroethane
Concen: 1.735 ug/L
RT: 1.367 min Scan# 4
Delta R.T. -0.317 min
Lab File: VX040693.D
Acq: 18 Mar 2024 12:57

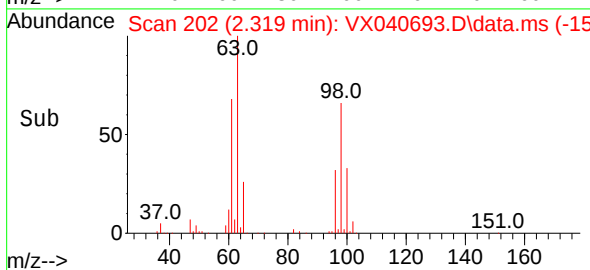
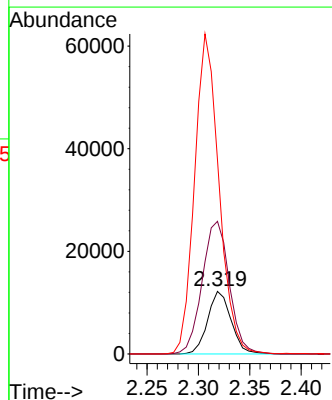
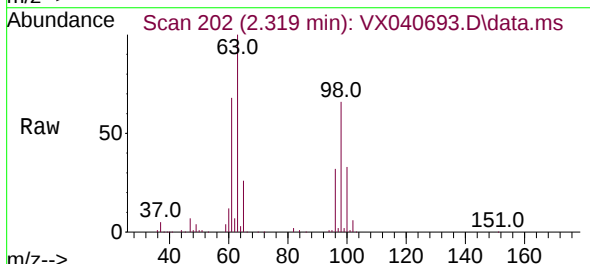
Instrument :
MSVOA_X
ClientSampleId :

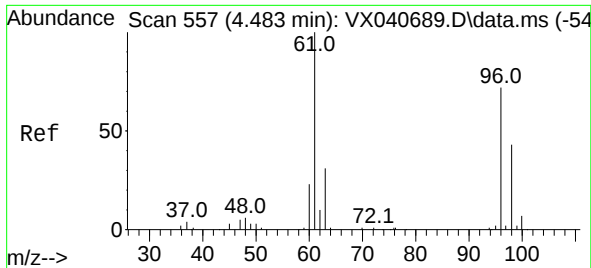
Tgt Ion: 64 Resp: 1224
Ion Ratio Lower Upper
64 100
66 150.9 25.0 46.4#



#12
1,1-Dichloroethene
Concen: 21.679 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040693.D
Acq: 18 Mar 2024 12:57

Tgt Ion: 96 Resp: 19365
Ion Ratio Lower Upper
96 100
61 211.6 134.8 250.4
63 309.7 92.5 171.9#

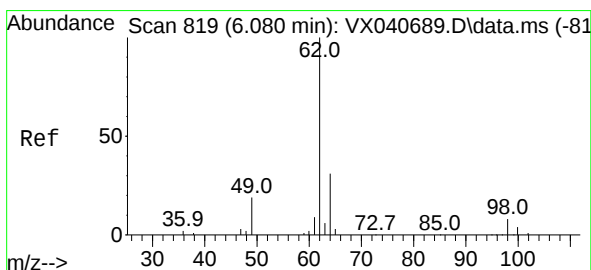
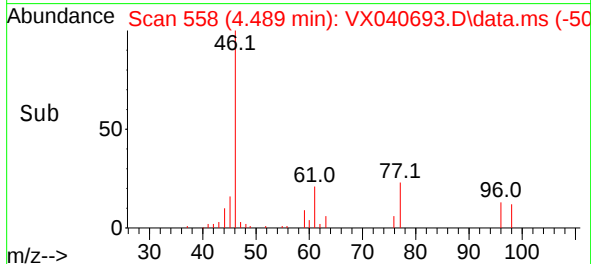
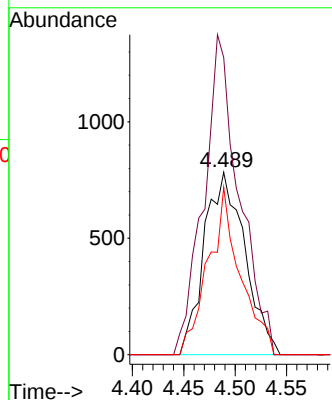
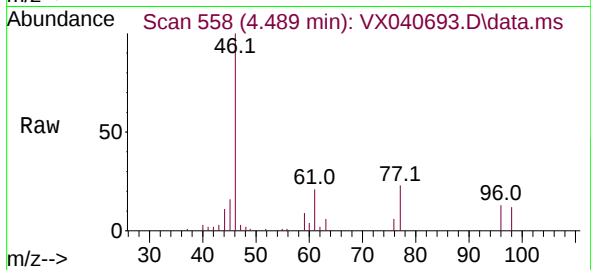




#20
cis-1,2-Dichloroethene
Concen: 2.088 ug/L
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX040693.D
Acq: 18 Mar 2024 12:57

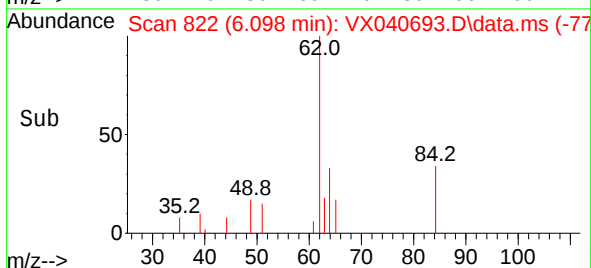
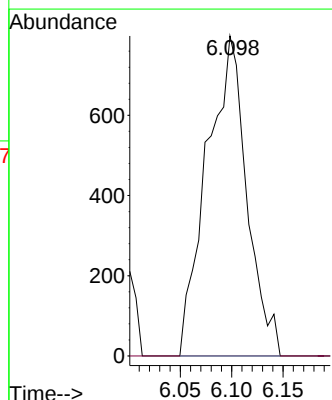
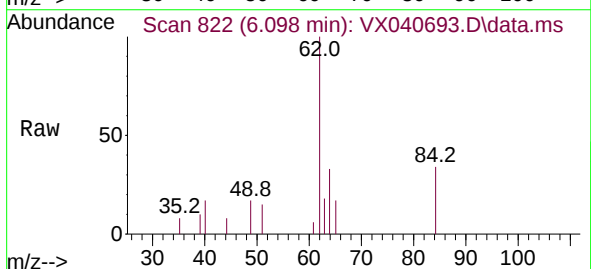
Instrument :
MSVOA_X
ClientSampleId :

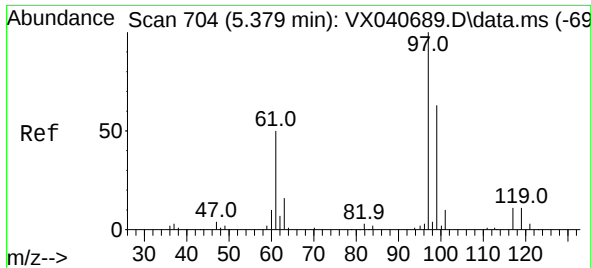
Tgt Ion: 96 Resp: 2147
Ion Ratio Lower Upper
96 100
61 163.0 93.0 172.8
98 91.8 42.4 78.6#



#27
1,2-Dichloroethane
Concen: 1.222 ug/L
RT: 6.098 min Scan# 822
Delta R.T. 0.018 min
Lab File: VX040693.D
Acq: 18 Mar 2024 12:57

Tgt Ion: 62 Resp: 2159
Ion Ratio Lower Upper
62 100
98 0.0 5.8 8.6#





#30

1,1,1-Trichloroethane

Concen: 1.131 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX040693.D

Acq: 18 Mar 2024 12:57

Instrument :

MSVOA_X

ClientSampleId :

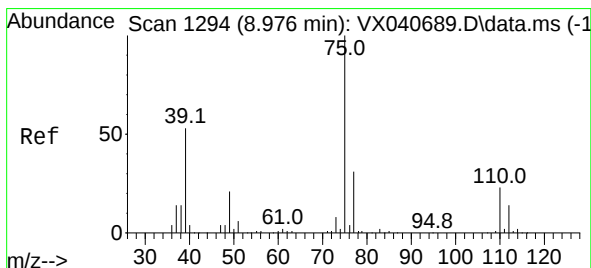
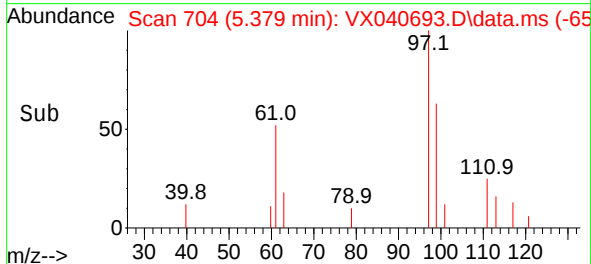
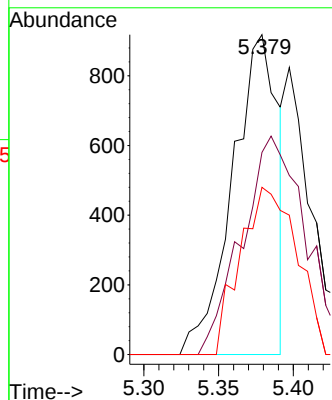
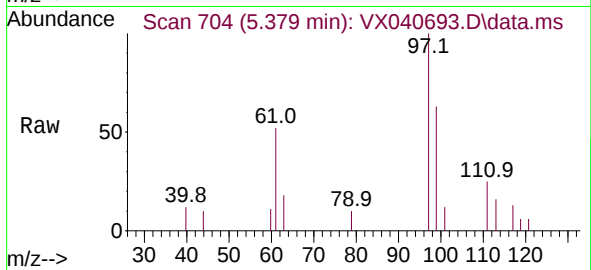
Tgt Ion: 97 Resp: 1937

Ion Ratio Lower Upper

97 100

99 94.6 52.1 78.1#

61 65.5 38.3 57.5#



#44

trans-1,3-Dichloropropene

Concen: 1.068 ug/L

RT: 8.951 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX040693.D

Acq: 18 Mar 2024 12:57

Tgt Ion: 75 Resp: 1713

Ion Ratio Lower Upper

75 100

77 42.6 22.1 41.1#

