

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040723\
 Data File : VU053601.D
 Acq On : 07 Apr 2023 17:52
 Operator : JC/MD
 Sample : 02251-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMCO

Quant Time: Apr 08 00:02:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

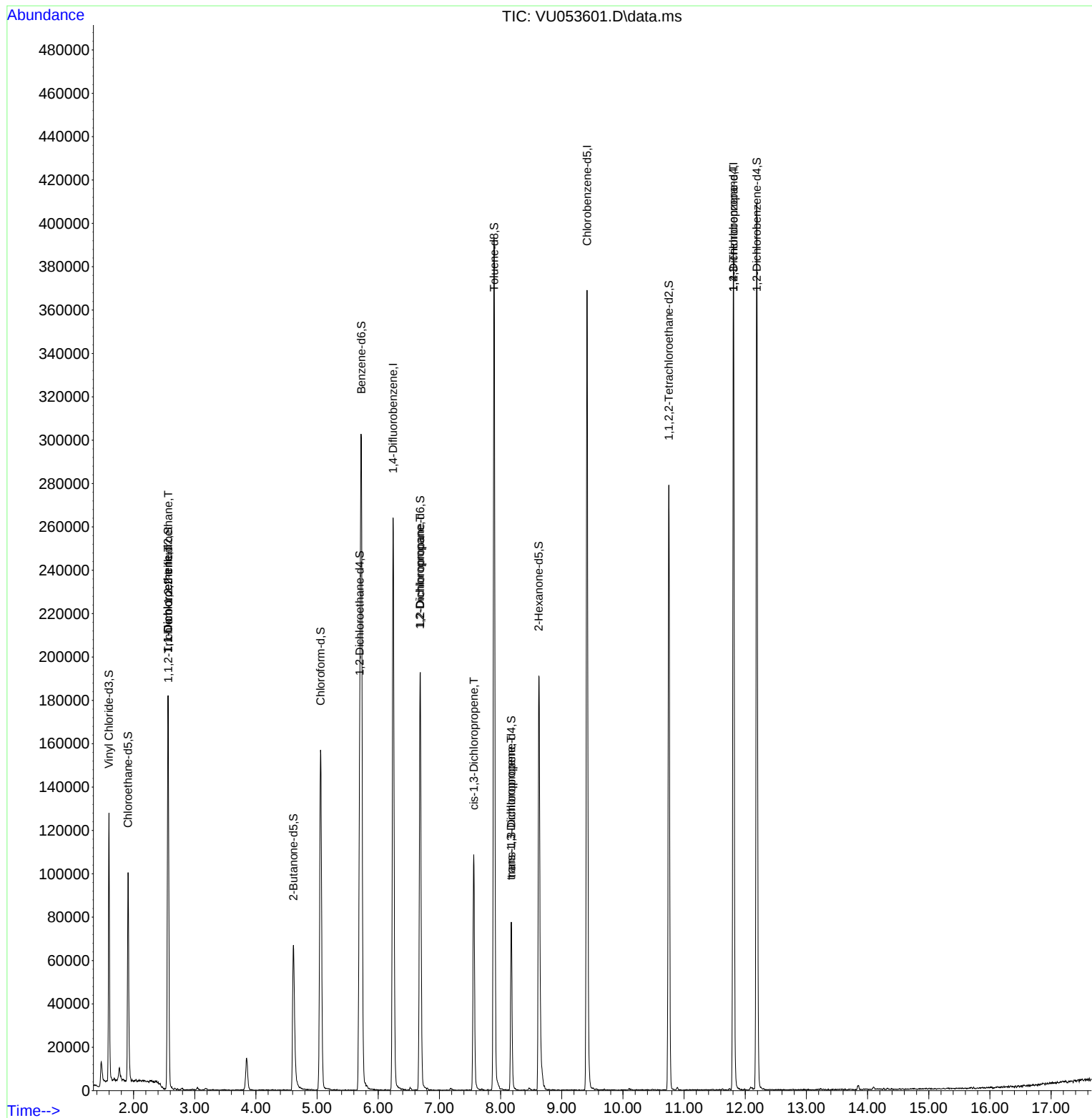
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	231339	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	212060	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	105110	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	86958	48.274	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	96.540%	
7) Chloroethane-d5	1.909	69	73392	52.842	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	105.680%	
11) 1,1-Dichloroethene-d2	2.562	63	103507	37.120	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	74.240%	
21) 2-Butanone-d5	4.613	46	93906	115.141	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	115.140%	
24) Chloroform-d	5.057	84	146151	49.059	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.120%	
26) 1,2-Dichloroethane-d4	5.697	65	92531	52.564	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	105.120%	
32) Benzene-d6	5.722	84	295066	51.548	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.100%	
36) 1,2-Dichloropropane-d6	6.687	67	94782	54.174	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	108.340%	
41) Toluene-d8	7.893	98	275030	48.342	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	96.680%	
43) trans-1,3-Dichloroprop...	8.176	79	43704	48.392	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	96.780%	
47) 2-Hexanone-d5	8.626	63	69720	116.762	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	116.760%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	135223	54.836	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	109.680%	
66) 1,2-Dichlorobenzene-d4	12.188	152	110262	50.256	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.520%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1147	0.720	ug/L #	17
12) 1,1-Dichloroethene	2.562	96	1019	0.718	ug/L #	1
37) 1,2-Dichloropropane	6.684	63	10305	7.345	ug/L #	86
39) cis-1,3-Dichloropropene	7.562	75	2806	1.224	ug/L #	78
44) trans-1,3-Dichloropropene	8.173	75	1938	0.894	ug/L	86
60) 1,2,3-Trichloropropane	11.809	75	12744	8.362	ug/L #	65

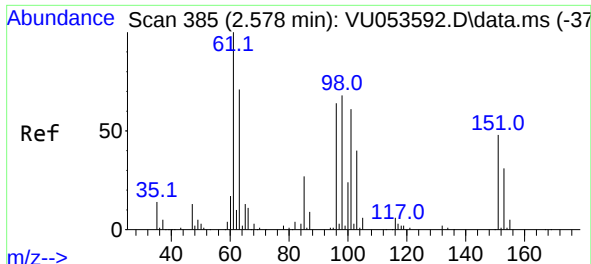
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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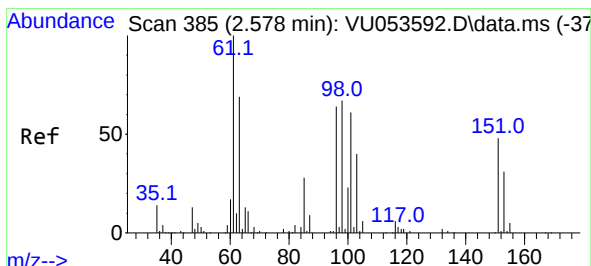
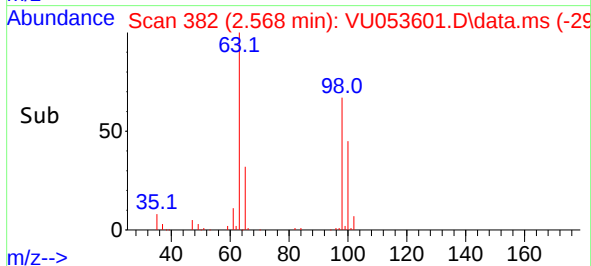
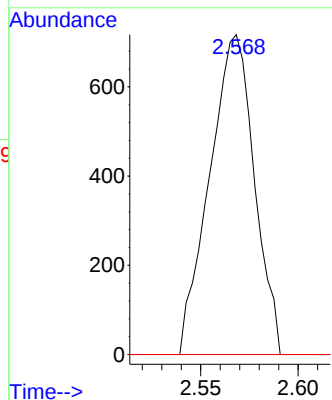
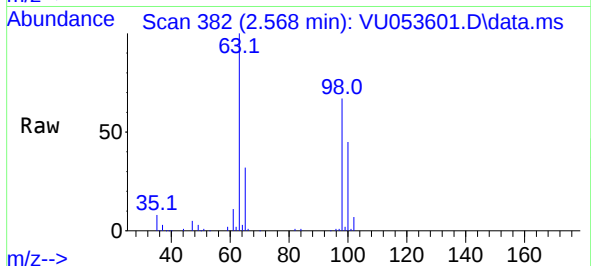




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.720 ug/L
RT: 2.568 min Scan# 311
Delta R.T. -0.010 min
Lab File: VU053601.D
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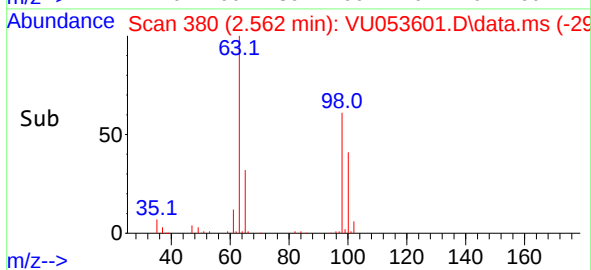
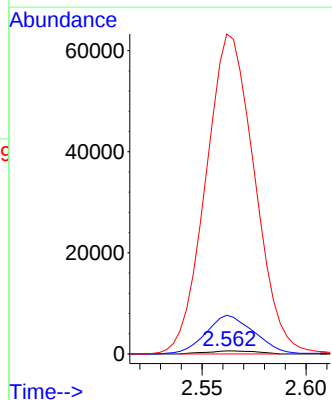
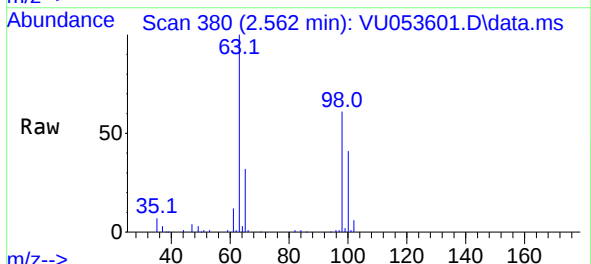
Instrument :
MSVOA_U
ClientSampleId :
COMC0

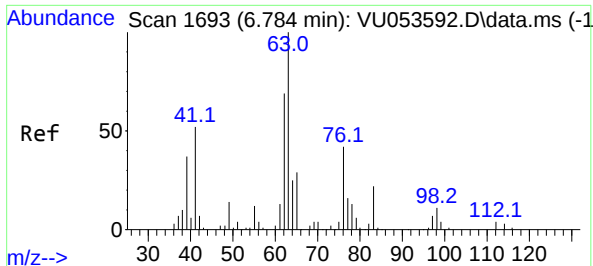
Tgt Ion:101 Resp: 1147
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 65.8 98.6#



#12
1,1-Dichloroethene
Concen: 0.718 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU053601.D
Acq: 07 Apr 2023 17:52

Tgt Ion: 96 Resp: 1019
Ion Ratio Lower Upper
96 100
61 1241.0 107.9 200.5#
63 10258.7 79.1 146.9#

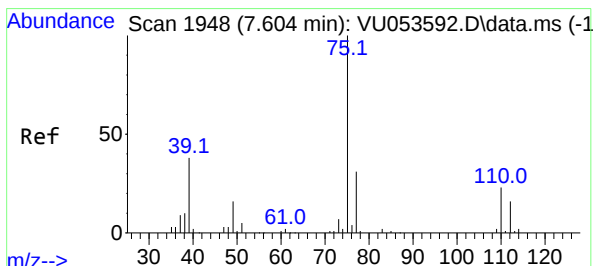
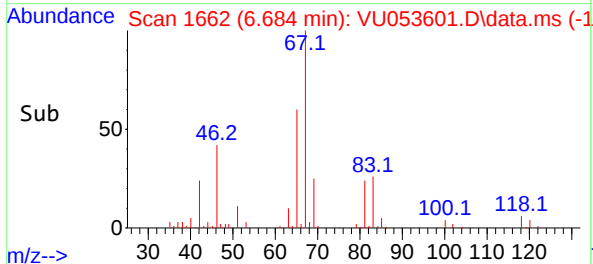
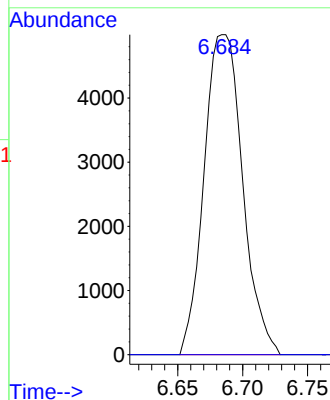
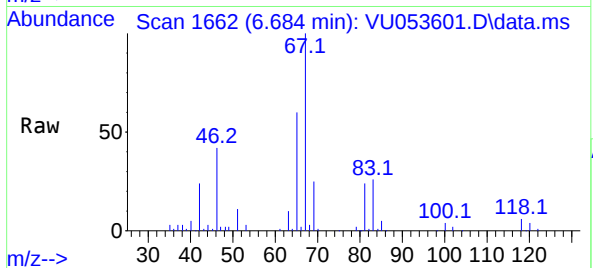




#37
1,2-Dichloropropane
Concen: 7.345 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU053601.D
Acq: 07 Apr 2023 17:52

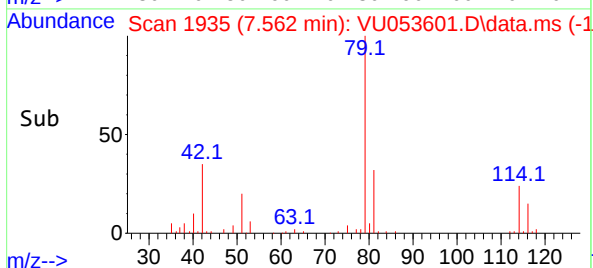
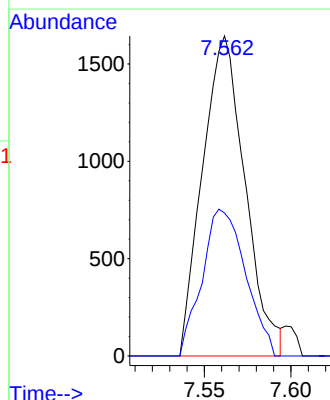
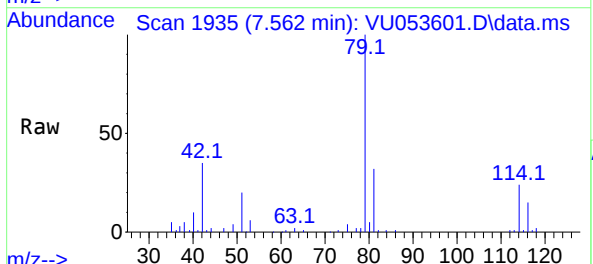
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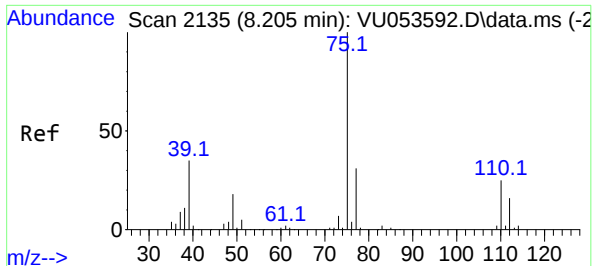
Tgt Ion: 63 Resp: 10305
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 1.224 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.039 min
Lab File: VU053601.D
Acq: 07 Apr 2023 17:52

Tgt Ion: 75 Resp: 2806
Ion Ratio Lower Upper
75 100
77 44.6 22.5 41.7#

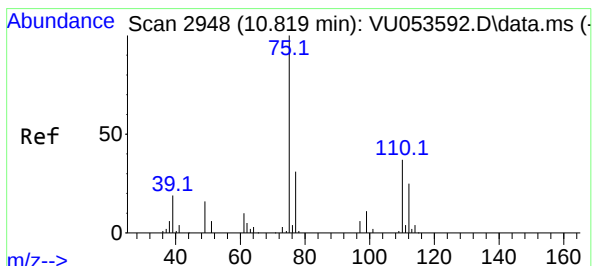
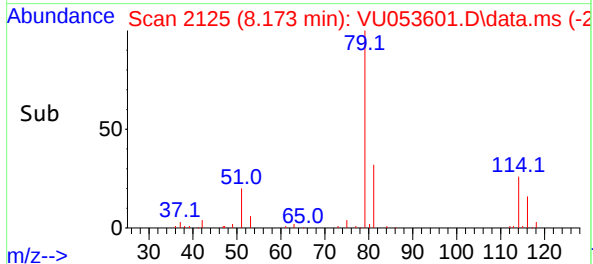
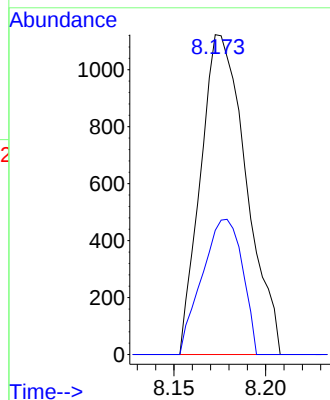
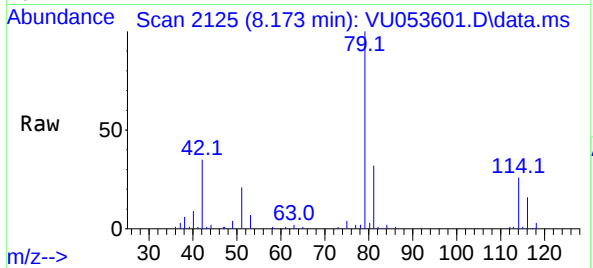




#44
trans-1,3-Dichloropropene
Concen: 0.894 ug/L
RT: 8.173 min Scan# 2135
Delta R.T. -0.032 min
Lab File: VU053601.D
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Instrument :
MSVOA_U
ClientSampleId :
COMC0

Tgt Ion: 75 Resp: 1938
Ion Ratio Lower Upper
75 100
77 38.8 21.8 40.4



#60
1,2,3-Trichloropropane
Concen: 8.362 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.994 min
Lab File: VU053601.D
Acq: 07 Apr 2023 17:52

Tgt Ion: 75 Resp: 12744
Ion Ratio Lower Upper
75 100
77 34.7 26.0 39.0
110 3.3 32.6 48.8#

