

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042623\
 Data File : VW030888.D
 Acq On : 26 Apr 2023 18:24
 Operator : SY/MD
 Sample : 02475-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AW7

Quant Time: Apr 27 04:48:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 27 04:45:18 2023
 Response via : Initial Calibration

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

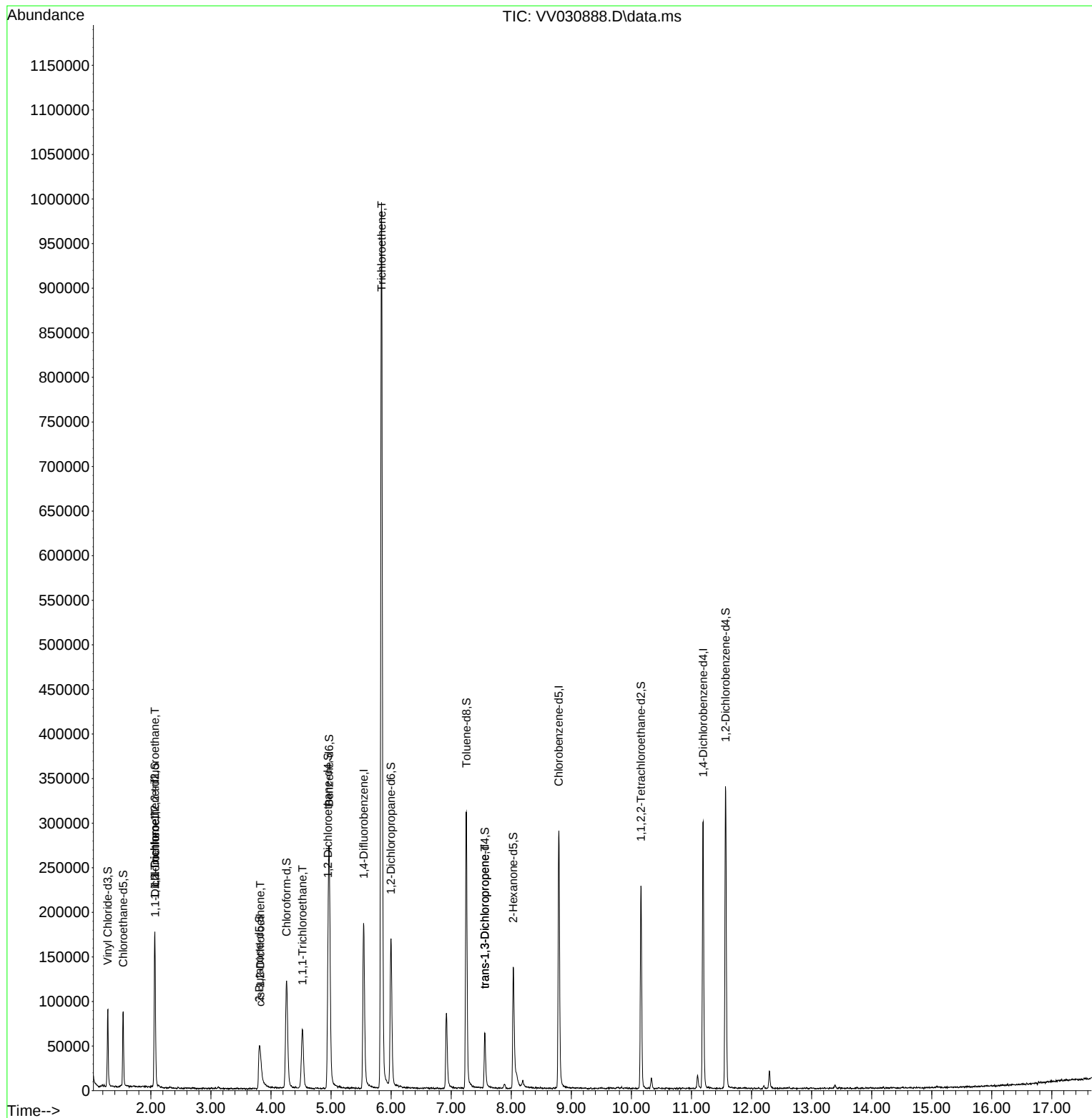
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	158710	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	153043	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	79802	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	54681	46.998	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.000%
7) Chloroethane-d5	1.539	69	49403	50.671	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.340%
11) 1,1-Dichloroethene-d2	2.066	65	29080	52.705	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.400%
21) 2-Butanone-d5	3.806	46	75661	118.397	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.400%
24) Chloroform-d	4.259	84	124174	58.893	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.780%
26) 1,2-Dichloroethane-d4	4.950	65	88618	65.373	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	130.740%#
32) Benzene-d6	4.970	84	227731	62.937	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.880%#
36) 1,2-Dichloropropane-d6	5.998	67	69646	61.965	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	123.920%#
41) Toluene-d8	7.252	98	202590	59.633	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.260%
43) trans-1,3-Dichloroprop...	7.561	79	35509	62.682	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	125.360%#
47) 2-Hexanone-d5	8.034	63	46572	105.183	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.180%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	96999	59.475	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	118.940%
66) 1,2-Dichlorobenzene-d4	11.567	152	87355	68.869	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	137.740%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	1960	1.595	ug/L #	23
12) 1,1-Dichloroethene	2.073	96	2588	2.329	ug/L #	1
20) cis-1,2-Dichloroethene	3.822	96	3015	2.471	ug/L	93
30) 1,1,1-Trichloroethane	4.523	97	52898	24.598	ug/L	99
34) Trichloroethene	5.841	95	322671	266.925	ug/L	97
44) trans-1,3-Dichloropropene	7.561	75	1896	1.028	ug/L #	78

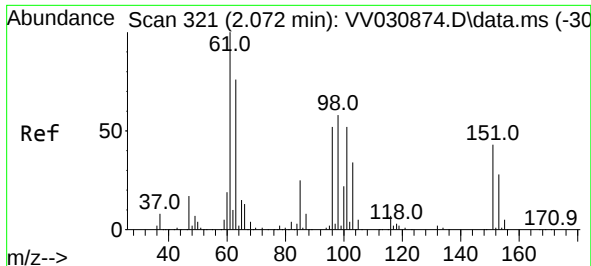
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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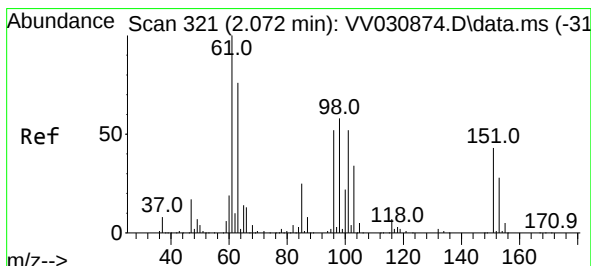
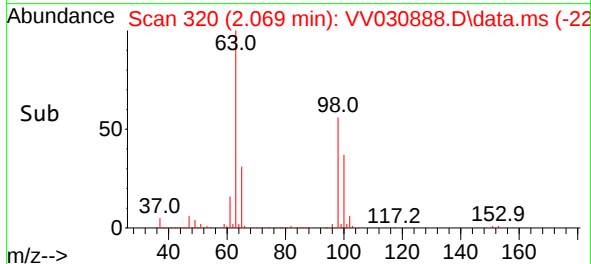
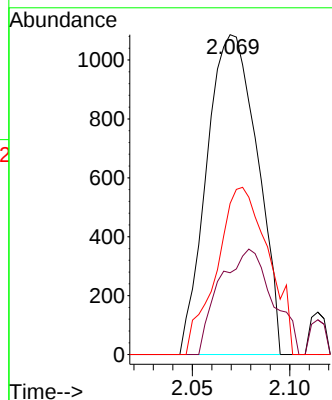
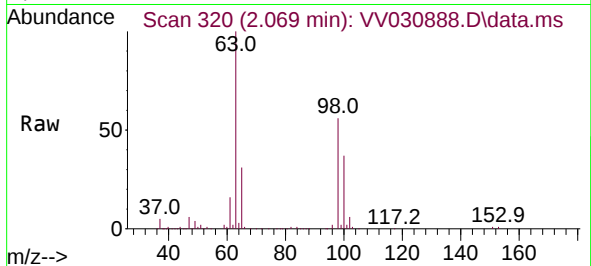




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.595 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV030888.D
Acq: 26 Apr 2023 18:24

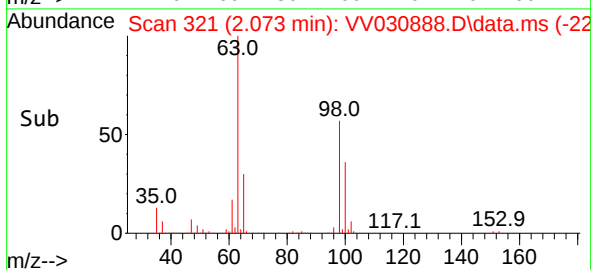
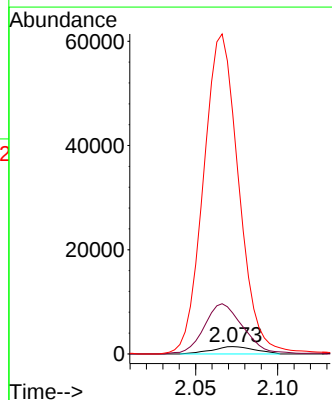
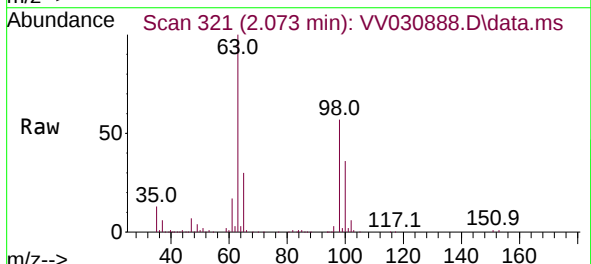
Instrument :
MSVOA_V
ClientSampleId :
C0AW7

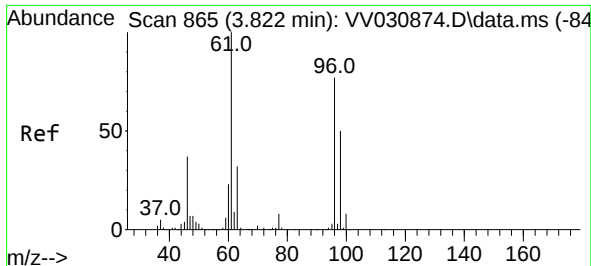
Tgt Ion:101 Resp: 1960
Ion Ratio Lower Upper
101 100
85 10.7 37.5 56.3#
151 0.0 63.5 95.3#



#12
1,1-Dichloroethene
Concen: 2.329 ug/L
RT: 2.073 min Scan# 321
Delta R.T. 0.000 min
Lab File: VV030888.D
Acq: 26 Apr 2023 18:24

Tgt Ion: 96 Resp: 2588
Ion Ratio Lower Upper
96 100
61 553.0 131.9 245.0#
63 3252.4 99.8 185.3#

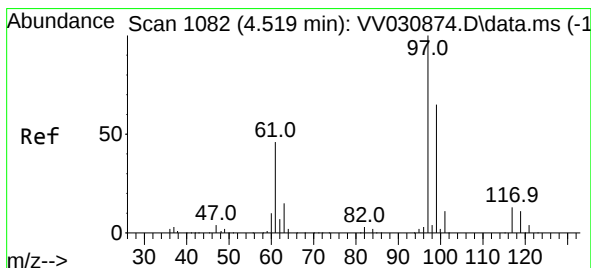
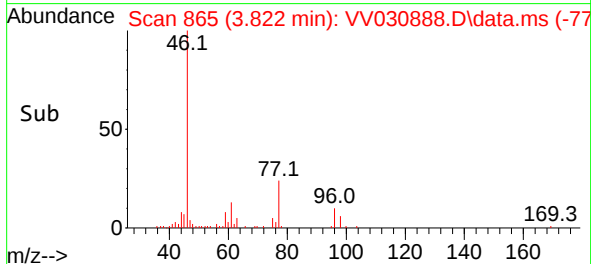
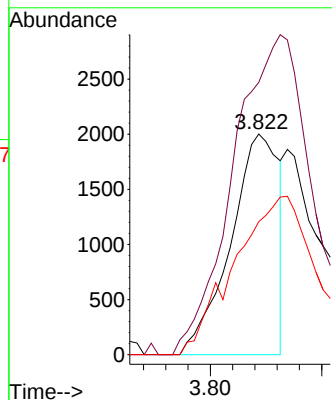
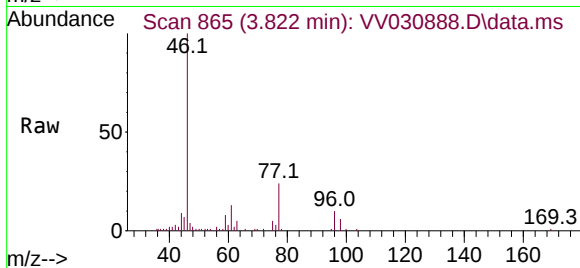




#20
 cis-1,2-Dichloroethene
 Concen: 2.471 ug/L
 RT: 3.822 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VV030888.D
 Acq: 26 Apr 2023 18:24

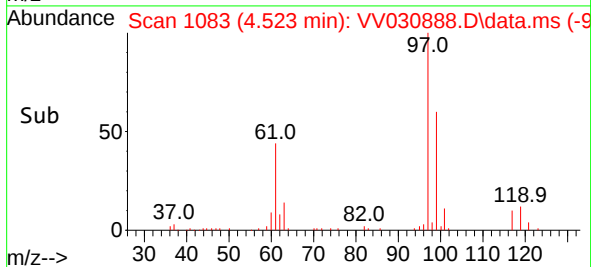
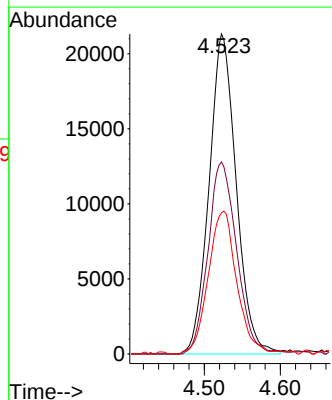
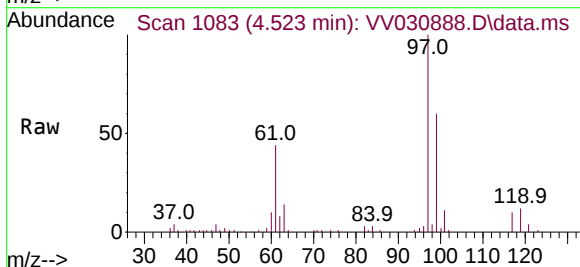
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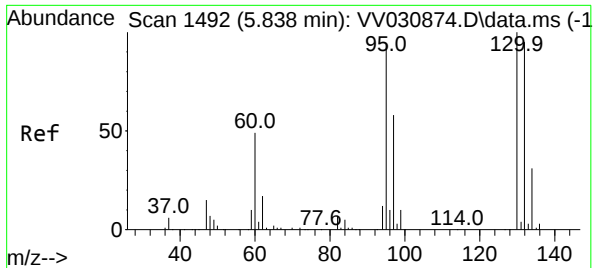
Tgt Ion: 96 Resp: 3015
 Ion Ratio Lower Upper
 96 100
 61 123.4 92.3 171.3
 98 60.3 45.9 85.3



#30
 1,1,1-Trichloroethane
 Concen: 24.598 ug/L
 RT: 4.523 min Scan# 1083
 Delta R.T. 0.003 min
 Lab File: VV030888.D
 Acq: 26 Apr 2023 18:24

Tgt Ion: 97 Resp: 52898
 Ion Ratio Lower Upper
 97 100
 99 63.1 51.4 77.0
 61 46.7 37.0 55.6





#34

Trichloroethene

Concen: 266.925 ug/L

RT: 5.841 min Scan# 14

Delta R.T. 0.003 min

Lab File: VV030888.D

Acq: 26 Apr 2023 18:24

Instrument :

MSVOA_V

ClientSampleId :

C0AW7

Tgt Ion: 95 Resp: 322671

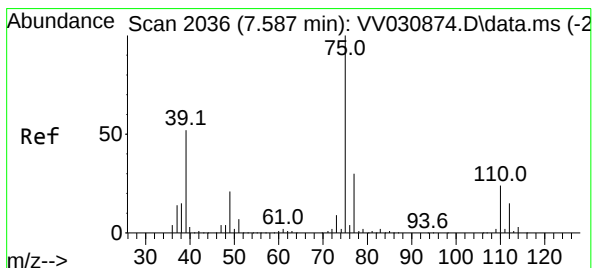
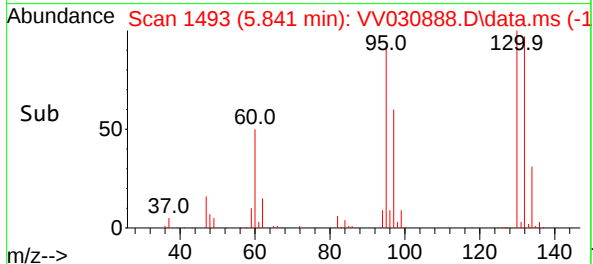
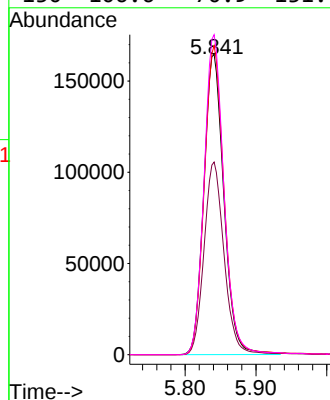
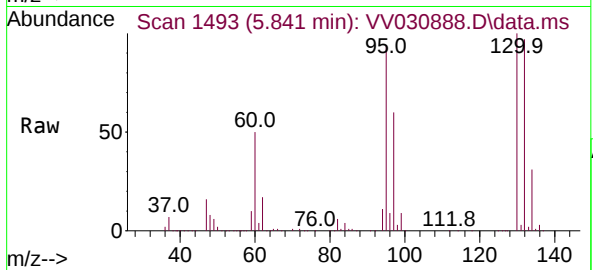
Ion Ratio Lower Upper

95 100

97 64.1 45.8 85.2

132 103.0 70.6 131.2

130 106.6 70.9 131.7



#44

trans-1,3-Dichloropropene

Concen: 1.028 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.026 min

Lab File: VV030888.D

Acq: 26 Apr 2023 18:24

Tgt Ion: 75 Resp: 1896

Ion Ratio Lower Upper

75 100

77 43.8 22.1 41.1#

