

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021723\
 Data File : VU053122.D
 Acq On : 17 Feb 2023 11:11
 Operator : JC/MD
 Sample : 01557-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C1167

Quant Time: Feb 17 11:31:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 17 11:12:12 2023
 Response via : Initial Calibration

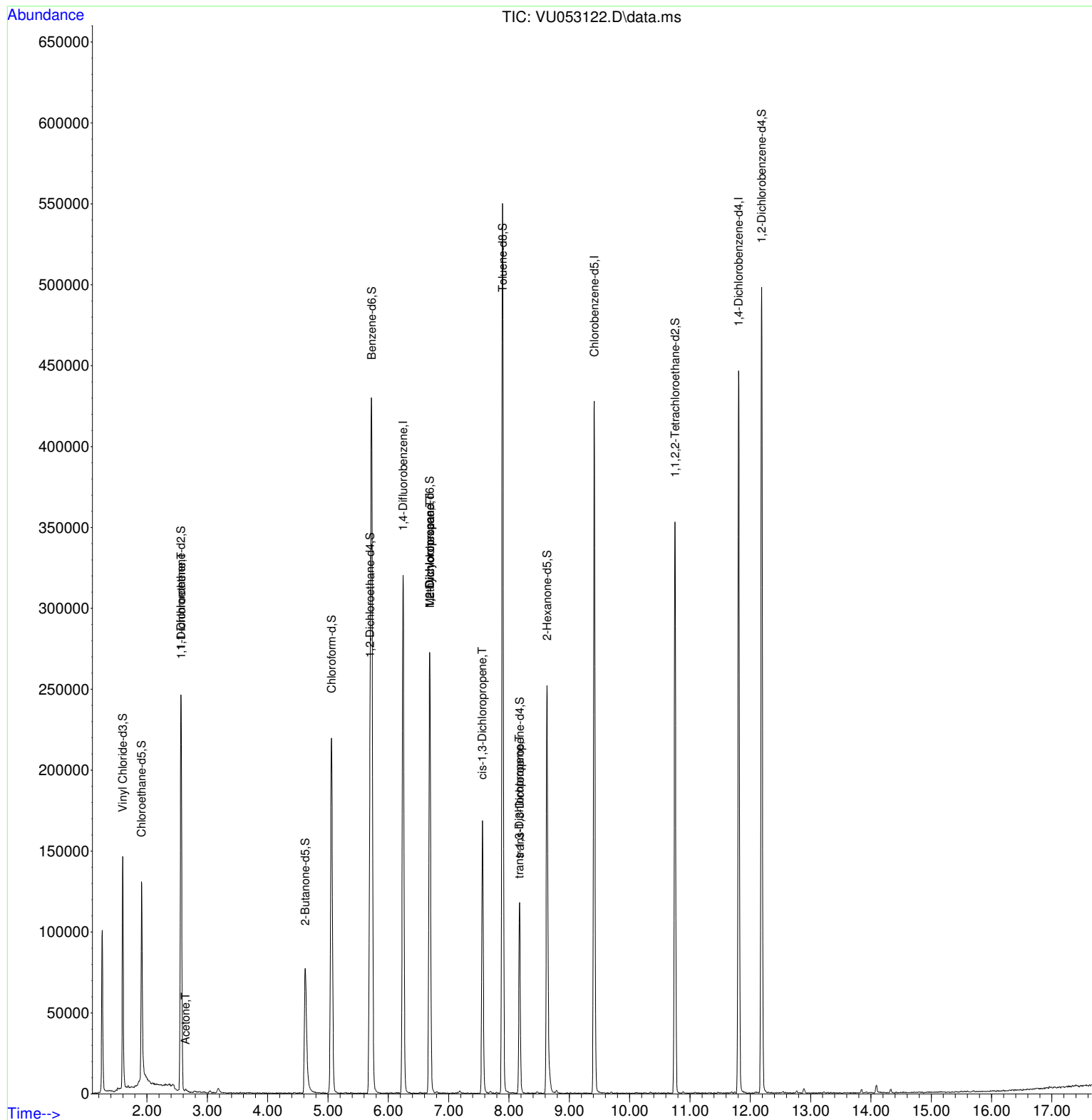
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	257136	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	230288	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	110822	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	103819	43.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.90%		
7) Chloroethane-d5	1.910	69	90685	45.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.72%		
11) 1,1-Dichloroethene-d2	2.563	63	142507	35.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.34%		
21) 2-Butanone-d5	4.620	46	121140	98.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.13%		
24) Chloroform-d	5.058	84	194475	46.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.34%		
26) 1,2-Dichloroethane-d4	5.698	65	128098	48.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.68%		
32) Benzene-d6	5.723	84	409929	49.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.80%		
36) 1,2-Dichloropropane-d6	6.685	67	134275	50.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.06%		
41) Toluene-d8	7.894	98	372477	48.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.94%		
43) trans-1,3-Dichloroprop...	8.177	79	65602	47.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.98%		
47) 2-Hexanone-d5	8.630	63	88147	95.08	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.08%		
56) 1,1,2,2-Tetrachloroeth...	10.752	84	172551	48.31	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.62%		
66) 1,2-Dichlorobenzene-d4	12.189	152	123789	50.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.50%		
Target Compounds						
12) 1,1-Dichloroethene	2.566	96	1138	0.60	ug/L #	1
13) Acetone	2.637	43	2013	2.58	ug/L	98
35) Methylcyclohexane	6.688	83	30335	8.33	ug/L #	21
37) 1,2-Dichloropropane	6.688	63	14837	6.64	ug/L #	90
39) cis-1,3-Dichloropropene	7.559	75	4363	1.19	ug/L #	77
44) trans-1,3-Dichloropropene	8.170	75	2904	0.85	ug/L #	83

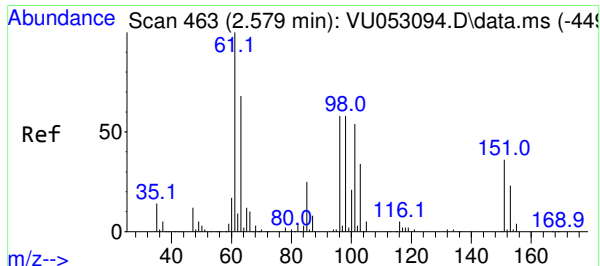
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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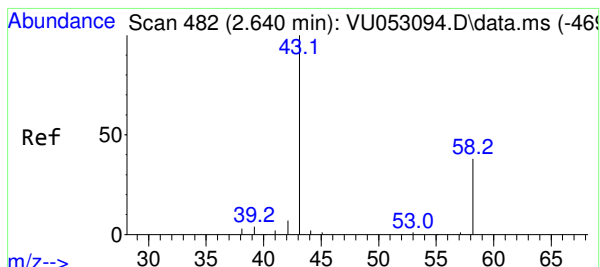
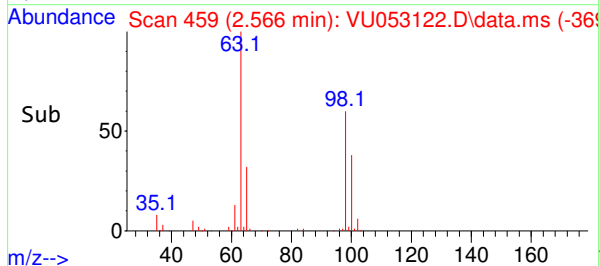
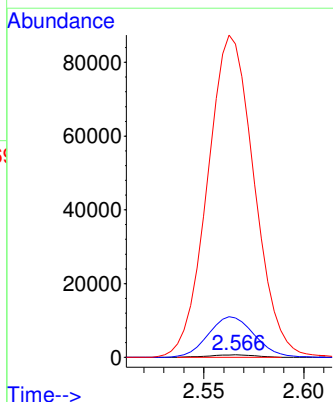
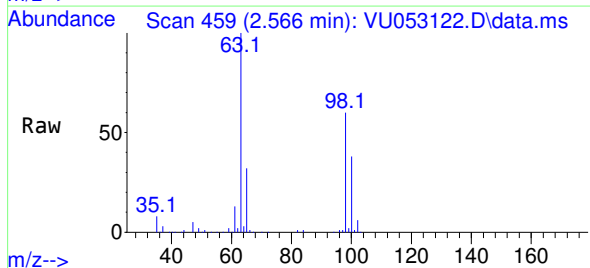




#12
1,1-Dichloroethene
Concen: 0.60 ug/L
RT: 2.566 min Scan# 412
Delta R.T. -0.010 min
Lab File: VU053122.D
Acq: 17 Feb 2023 11:11

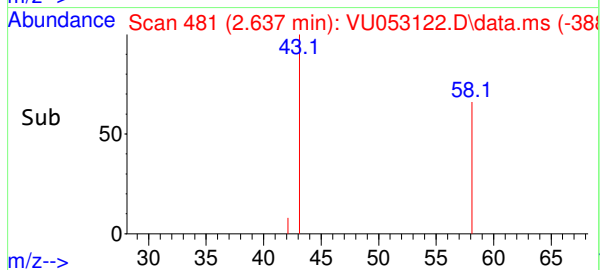
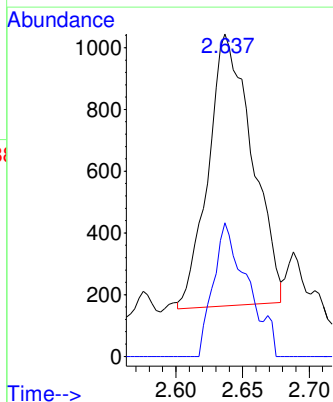
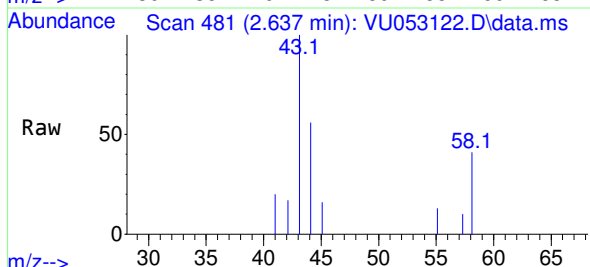
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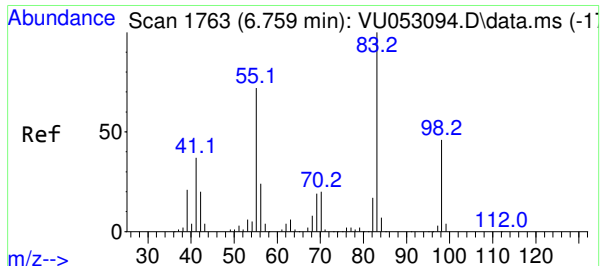
Tgt Ion: 96 Resp: 1138
Ion Ratio Lower Upper
96 100
61 1562.6 121.9 226.3#
63 12371.5 84.2 156.4#



#13
Acetone
Concen: 2.58 ug/L
RT: 2.637 min Scan# 481
Delta R.T. -0.000 min
Lab File: VU053122.D
Acq: 17 Feb 2023 11:11

Tgt Ion: 43 Resp: 2013
Ion Ratio Lower Upper
43 100
58 36.0 0.0 74.6

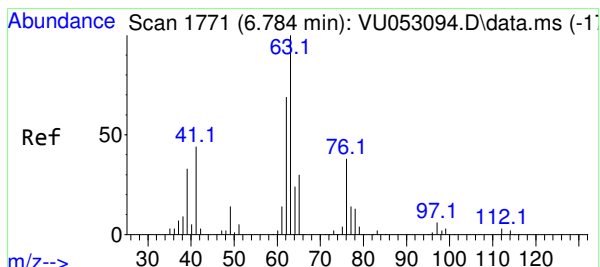
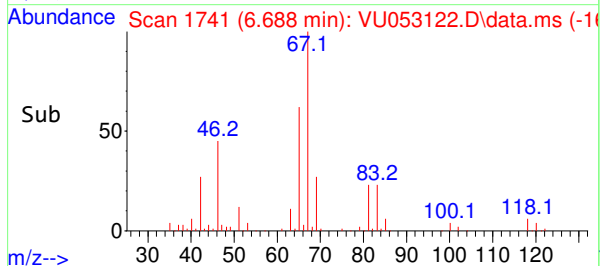
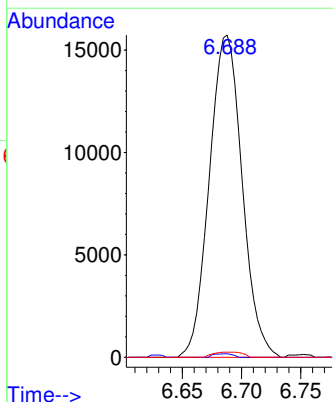
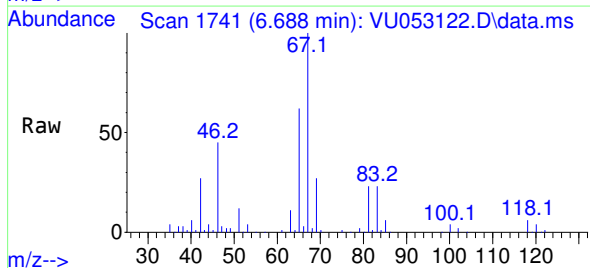




#35
Methylcyclohexane
Concen: 8.33 ug/L
RT: 6.688 min Scan# 1741
Delta R.T. -0.071 min
Lab File: VU053122.D
Acq: 17 Feb 2023 11:11

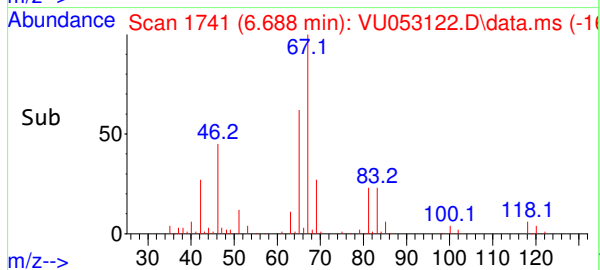
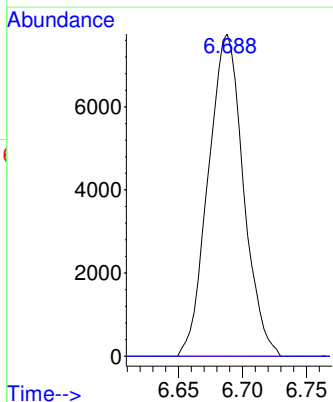
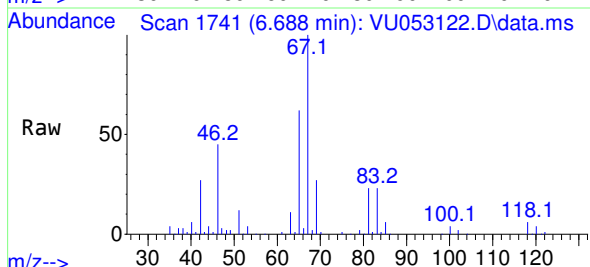
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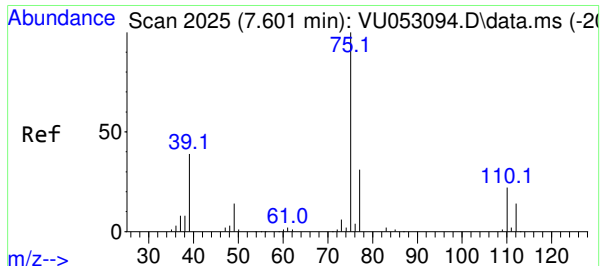
Tgt Ion: 83 Resp: 30335
Ion Ratio Lower Upper
83 100
55 0.7 57.4 86.2#
98 1.0 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 6.64 ug/L
RT: 6.688 min Scan# 1741
Delta R.T. -0.097 min
Lab File: VU053122.D
Acq: 17 Feb 2023 11:11

Tgt Ion: 63 Resp: 14837
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

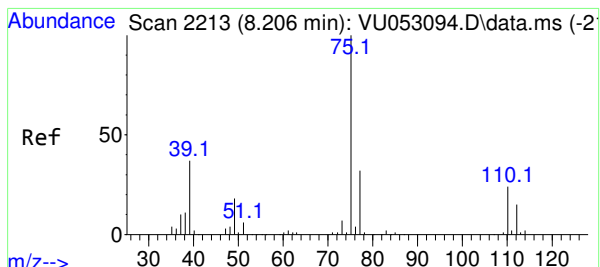
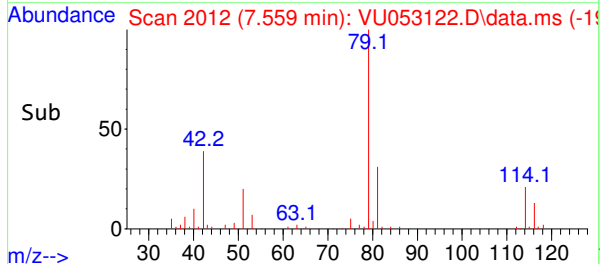
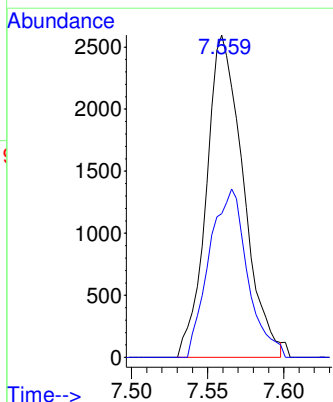
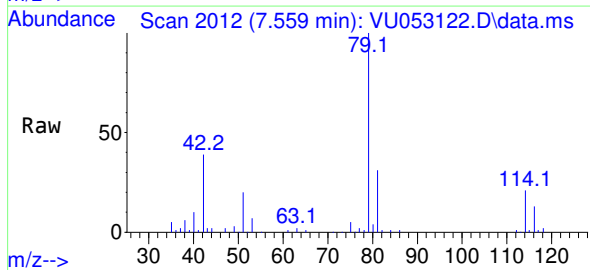




#39
 cis-1,3-Dichloropropene
 Concen: 1.19 ug/L
 RT: 7.559 min Scan# 21
 Delta R.T. -0.045 min
 Lab File: VU053122.D
 Acq: 17 Feb 2023 11:11

Instrument :
 MSVOA_U
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Tgt Ion: 75 Resp: 4363
 Ion Ratio Lower Upper
 75 100
 77 44.5 22.2 41.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.85 ug/L
 RT: 8.170 min Scan# 2202
 Delta R.T. -0.035 min
 Lab File: VU053122.D
 Acq: 17 Feb 2023 11:11

Tgt Ion: 75 Resp: 2904
 Ion Ratio Lower Upper
 75 100
 77 41.2 22.2 41.2#

