

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
 Data File : VV027143.D
 Acq On : 01 Aug 2022 22:32
 Operator : SY/MD
 Sample : N3880-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUH1

Quant Time: Aug 02 00:37:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 00:27:15 2022
 Response via : Initial Calibration

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

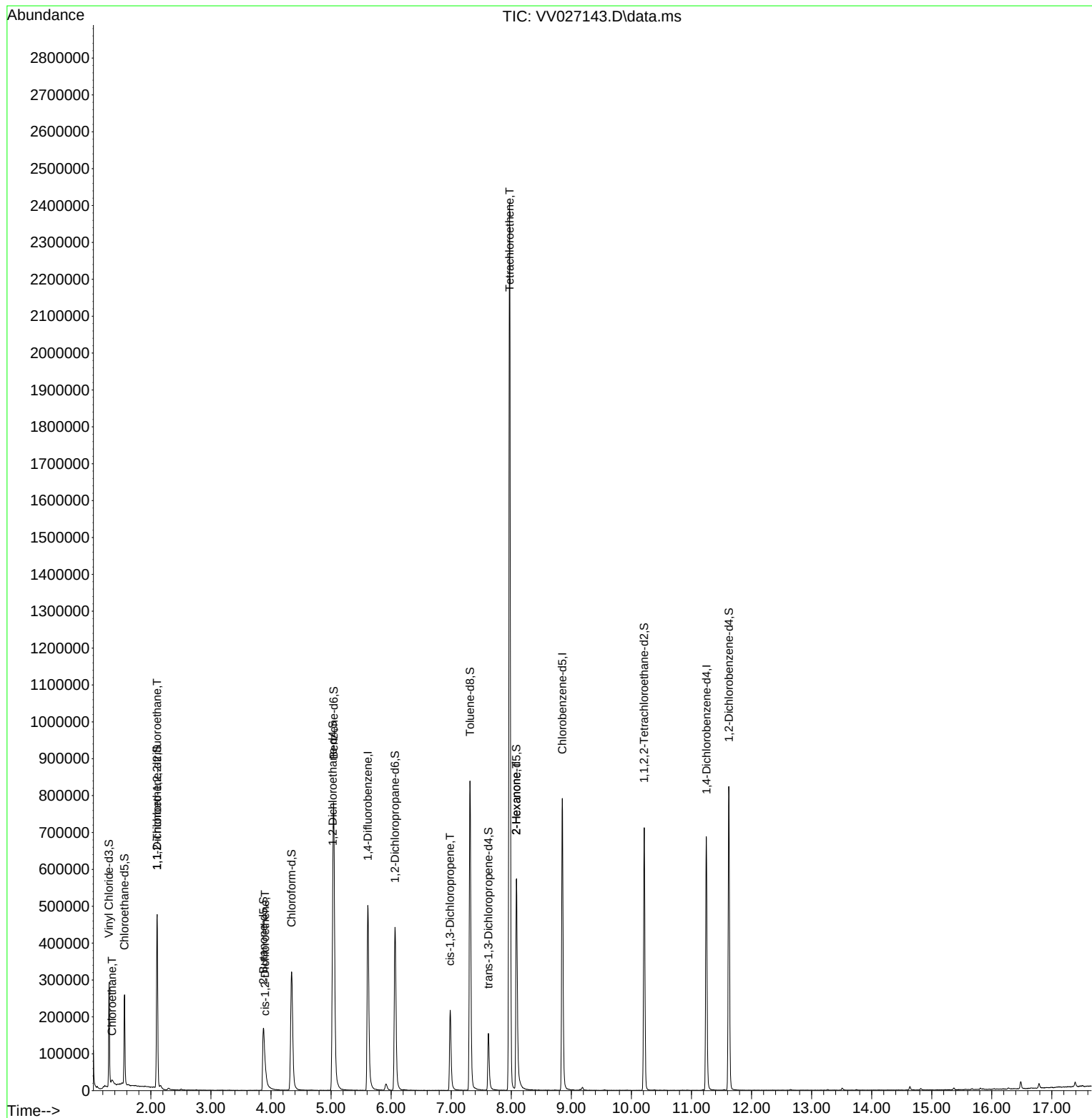
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	460444	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	470119	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	188354	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	194655	65.231	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	130.460%	
7) Chloroethane-d5	1.561	69	159075	71.237	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	142.480%#	
11) 1,1-Dichloroethene-d2	2.105	63	242997	42.763	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	85.520%	
21) 2-Butanone-d5	3.873	46	279392	142.210	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	142.210%#	
24) Chloroform-d	4.342	84	355945	59.011	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	118.020%	
26) 1,2-Dichloroethane-d4	5.027	65	223041	65.173	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	130.340%#	
32) Benzene-d6	5.043	84	734985	59.082	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	118.160%	
36) 1,2-Dichloropropane-d6	6.066	67	237752	61.782	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	123.560%#	
41) Toluene-d8	7.313	98	593848	52.951	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	105.900%	
43) trans-1,3-Dichloroprop...	7.619	79	95973	56.824	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	113.640%	
47) 2-Hexanone-d5	8.085	63	217323	146.279	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	146.280%#	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	348471	60.578	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	121.160%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	215677	65.155	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	130.300%#	
Target Compounds						Qvalue
8) Chloroethane	1.355	64	33719	14.472	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	2682	0.816	ug/L #	31
20) cis-1,2-Dichloroethene	3.902	96	3841	1.065	ug/L	95
39) cis-1,3-Dichloropropene	6.982	75	5207	0.981	ug/L #	61
46) Tetrachloroethene	7.972	164	547242	193.304	ug/L	97
48) 2-Hexanone	8.085	43	22380	6.434	ug/L #	68

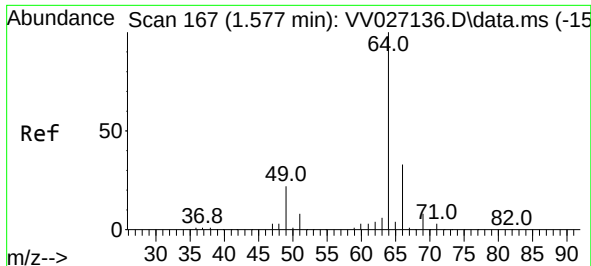
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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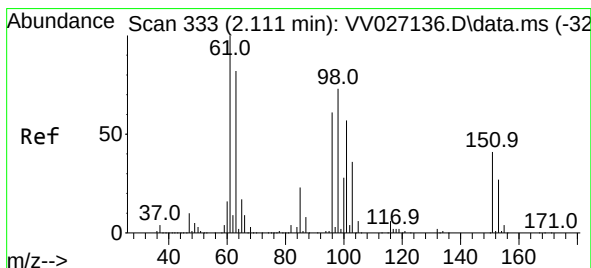
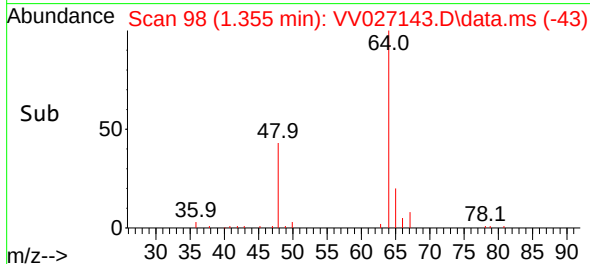
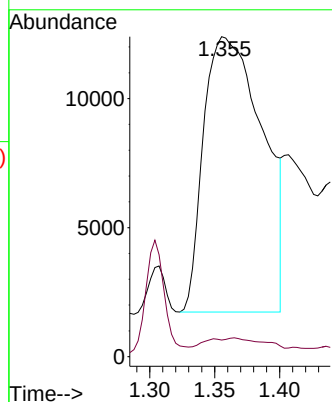
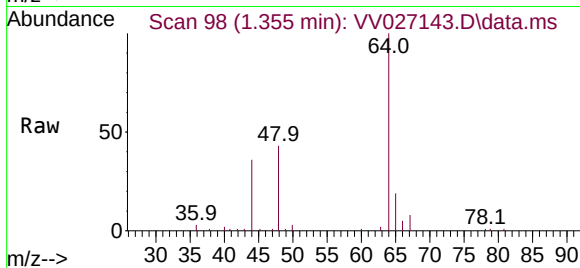




#8
Chloroethane
Concen: 14.472 ug/L
RT: 1.355 min Scan# 91
Delta R.T. -0.222 min
Lab File: VV027143.D
Acq: 01 Aug 2022 22:32

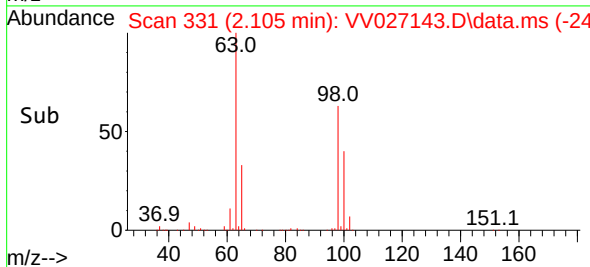
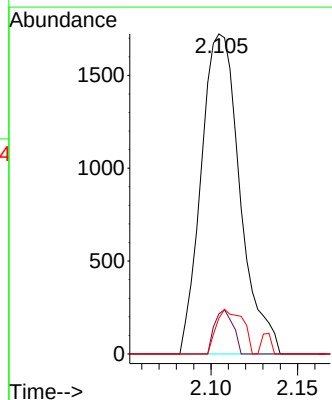
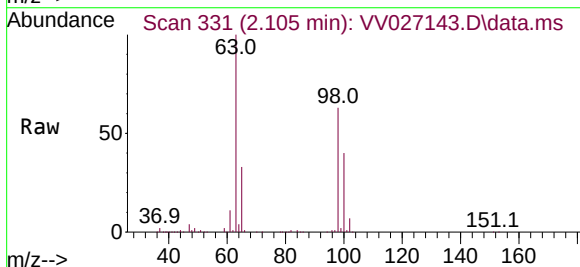
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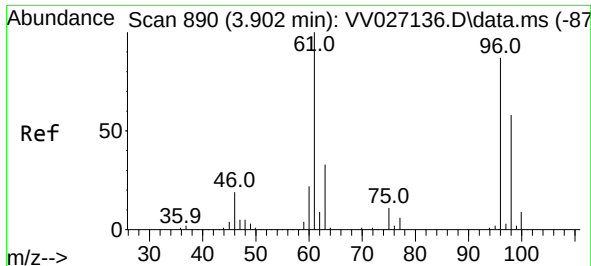
Tgt Ion: 64 Resp: 33719
Ion Ratio Lower Upper
64 100
66 5.2 22.6 42.0#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.816 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV027143.D
Acq: 01 Aug 2022 22:32

Tgt Ion:101 Resp: 2682
Ion Ratio Lower Upper
101 100
85 6.6 33.9 50.9#
151 9.4 58.4 87.6#

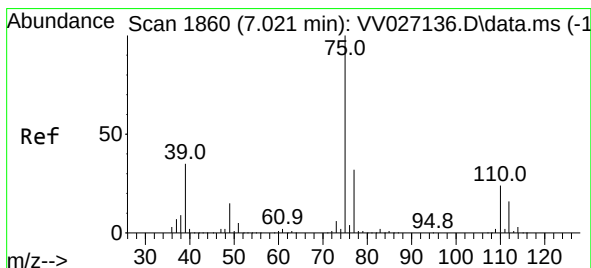
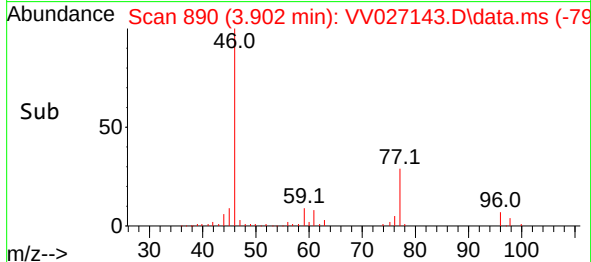
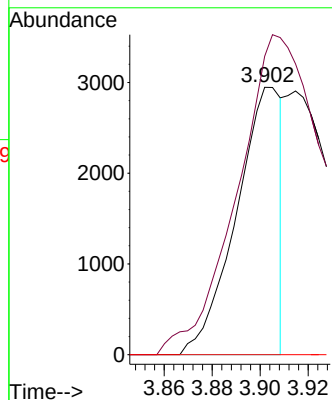
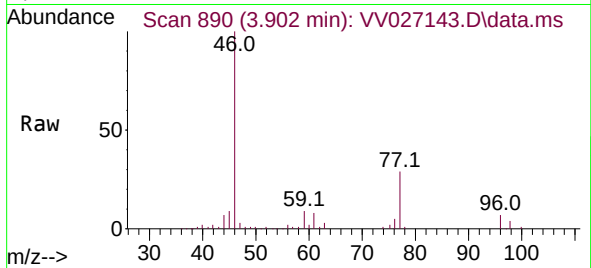




#20
 cis-1,2-Dichloroethene
 Concen: 1.065 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.000 min
 Lab File: VV027143.D
 Acq: 01 Aug 2022 22:32

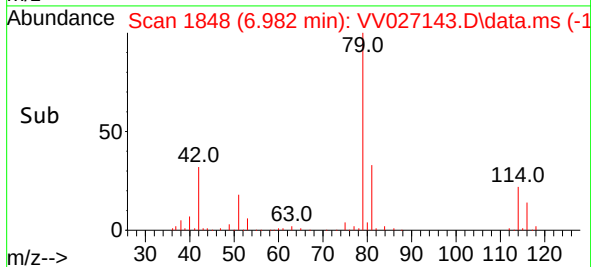
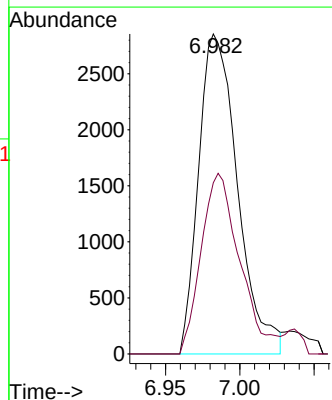
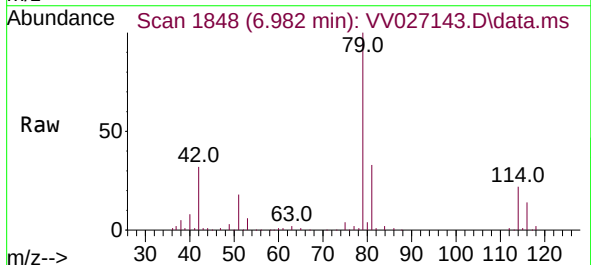
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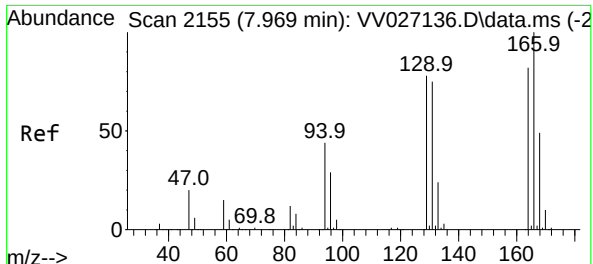
Tgt Ion: 96 Resp: 3841
 Ion Ratio Lower Upper
 96 100
 61 111.6 81.7 151.7
 68 0.0 0.0 0.0



#39
 cis-1,3-Dichloropropene
 Concen: 0.981 ug/L
 RT: 6.982 min Scan# 1848
 Delta R.T. -0.039 min
 Lab File: VV027143.D
 Acq: 01 Aug 2022 22:32

Tgt Ion: 75 Resp: 5207
 Ion Ratio Lower Upper
 75 100
 77 53.5 22.3 41.5#



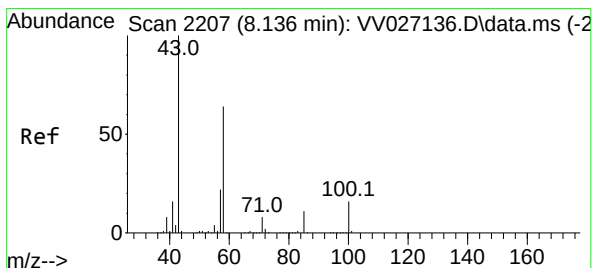
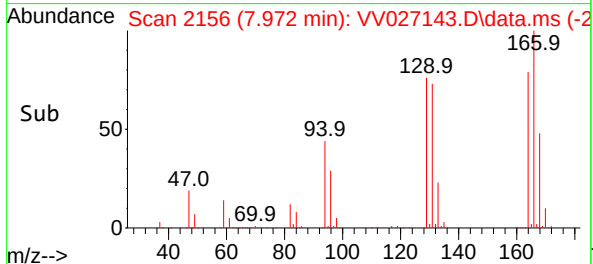
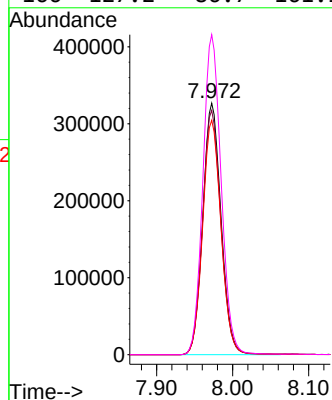
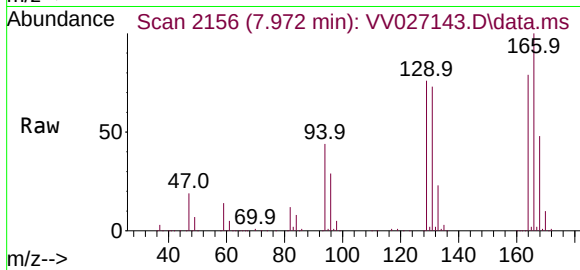


#46
Tetrachloroethene
Concen: 193.304 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV027143.D
Acq: 01 Aug 2022 22:32

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:164 Resp: 547242

Ion	Ratio	Lower	Upper
164	100		
129	97.1	66.0	122.6
131	93.2	63.1	117.1
166	127.2	86.7	161.1



#48
2-Hexanone
Concen: 6.434 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.051 min
Lab File: VV027143.D
Acq: 01 Aug 2022 22:32

Tgt Ion: 43 Resp: 22380

Ion	Ratio	Lower	Upper
43	100		
58	37.3	51.3	76.9#
57	32.7	16.7	25.1#
100	2.2	12.8	19.2#

