

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070822\
 Data File : VW026704.D
 Acq On : 08 Jul 2022 18:24
 Operator : SY/MD
 Sample : N3601-20 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB3

Quant Time: Jul 08 23:58:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 23:50:05 2022
 Response via : Initial Calibration

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

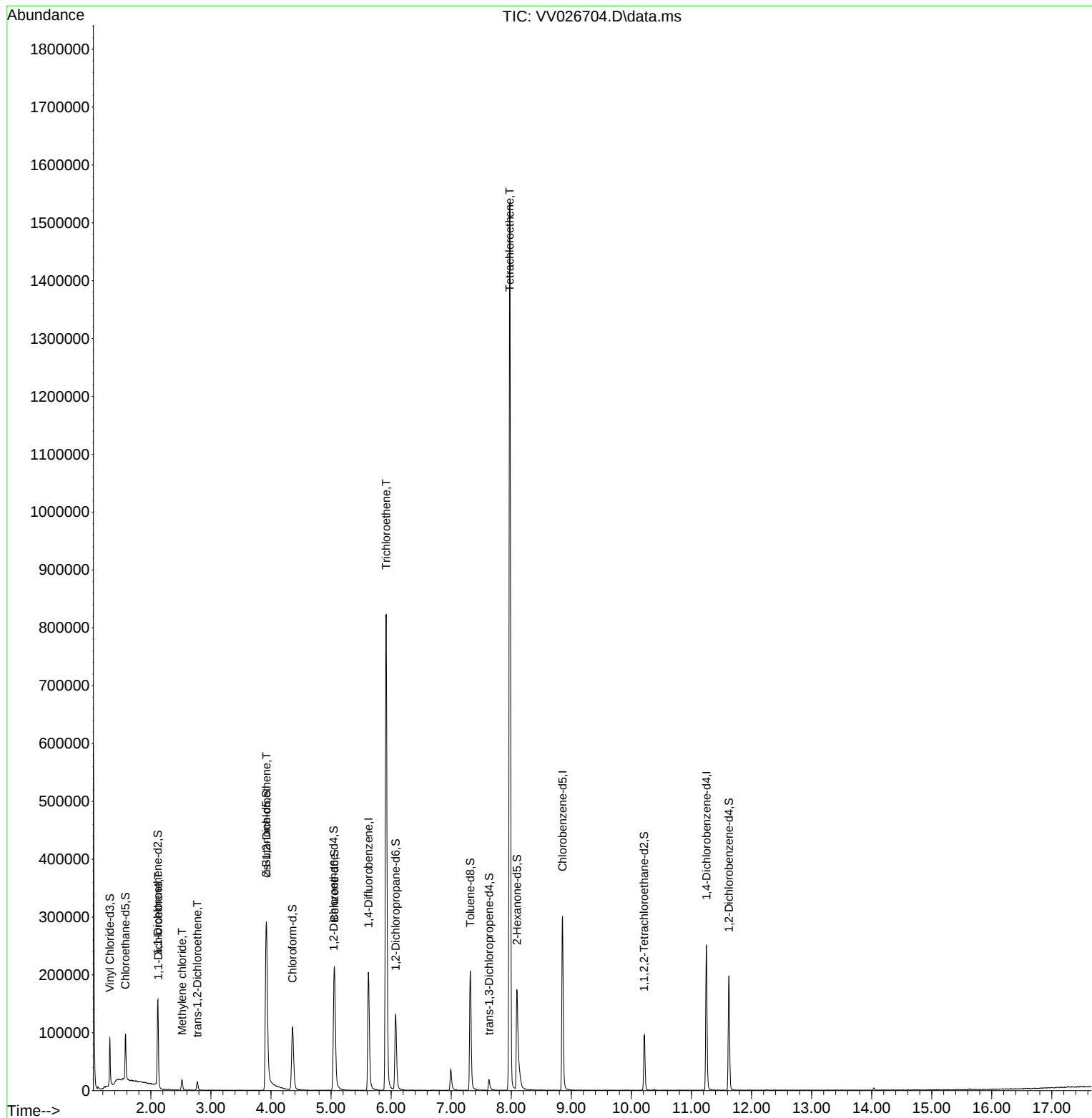
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	186539	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	182399	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70131	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	54876	3.658	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.200%	
7) Chloroethane-d5	1.577	69	52358	4.344	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.800%	
11) 1,1-Dichloroethene-d2	2.118	63	76527	2.871	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	57.400%#	
20) 2-Butanone-d5	3.921	46	66604	44.657	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	89.320%	
24) Chloroform-d	4.359	84	118424	4.829	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
26) 1,2-Dichloroethane-d4	5.043	65	48075	5.090	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.800%	
32) Benzene-d6	5.056	84	206018	3.932	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.600%	
36) 1,2-Dichloropropane-d6	6.076	67	67470	4.683	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.600%	
41) Toluene-d8	7.320	98	149480	3.173	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	63.400%#	
43) trans-1,3-Dichloroprop...	7.632	79	12839	3.448	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.000%	
46) 2-Hexanone-d5	8.095	63	70909	49.991	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.980%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49227	5.223	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	55362	4.770	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.124	96	2380	0.189	ug/L #	1
16) Methylene chloride	2.519	84	8496	0.635	ug/L	93
18) trans-1,2-Dichloroethene	2.773	96	6008	0.467	ug/L	92
22) cis-1,2-Dichloroethene	3.925	96	162797	12.754	ug/L	93
34) Trichloroethene	5.918	95	294101	21.006	ug/L	97
47) Tetrachloroethene	7.976	164	350924	31.481	ug/L	99

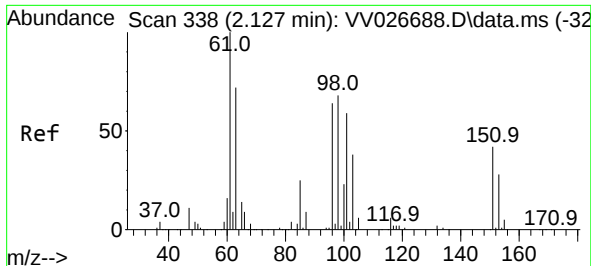
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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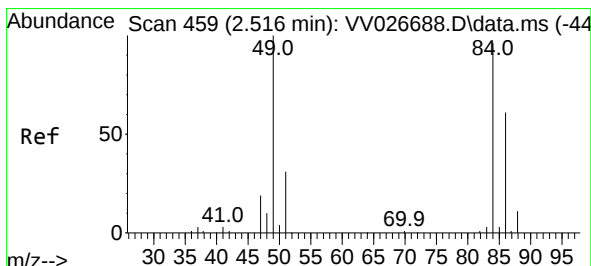
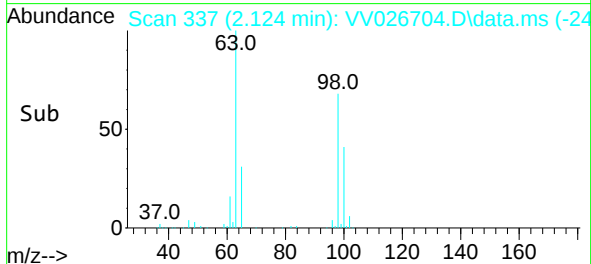
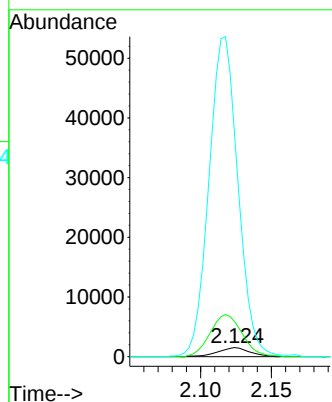
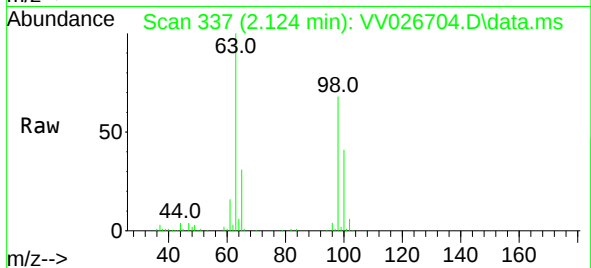




#12
1,1-Dichloroethene
Concen: 0.189 ug/L
RT: 2.124 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV026704.D
Acq: 08 Jul 2022 18:24

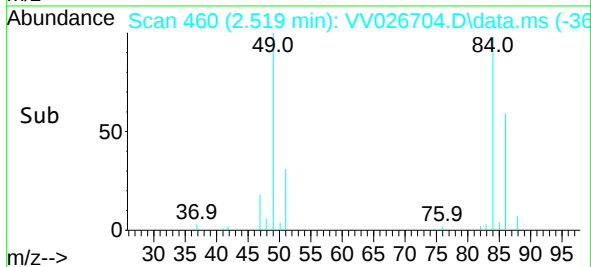
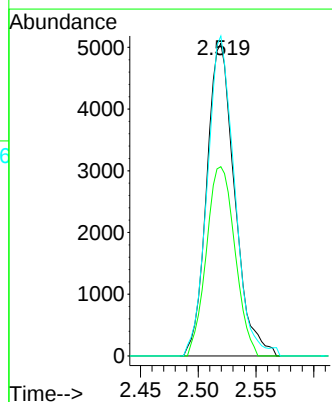
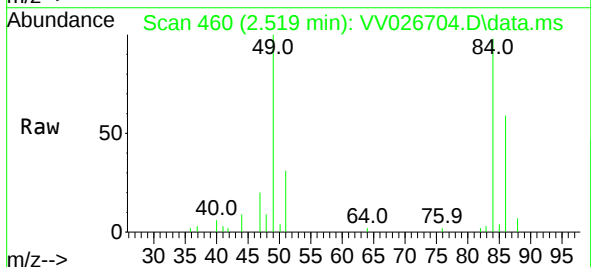
Instrument :
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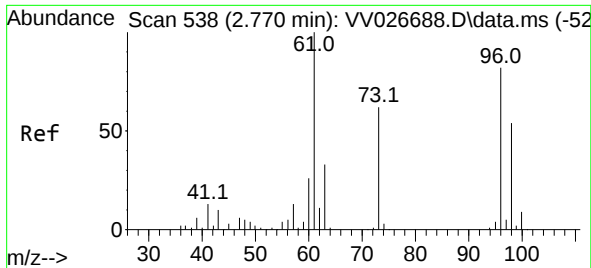
Tgt Ion: 96 Resp: 2380
Ion Ratio Lower Upper
96 100
61 382.7 115.4 214.4#
63 2418.8 87.4 162.2#



#16
Methylene chloride
Concen: 0.635 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.003 min
Lab File: VV026704.D
Acq: 08 Jul 2022 18:24

Tgt Ion: 84 Resp: 8496
Ion Ratio Lower Upper
84 100
86 60.6 46.0 85.4
49 102.4 77.7 144.3

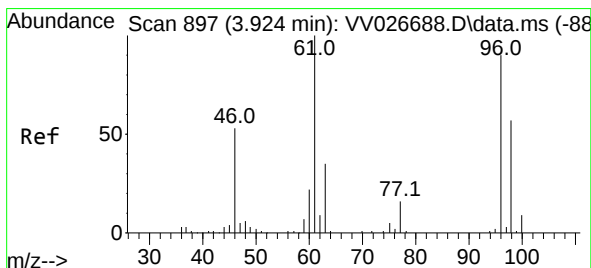
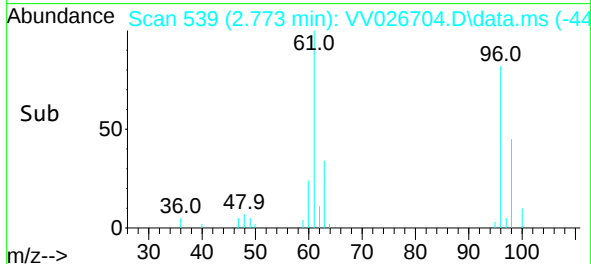
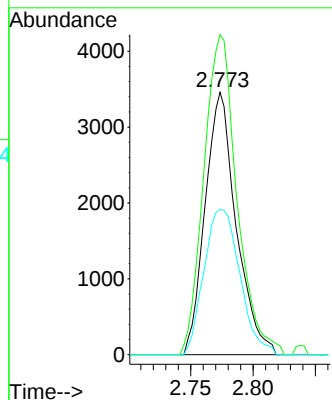
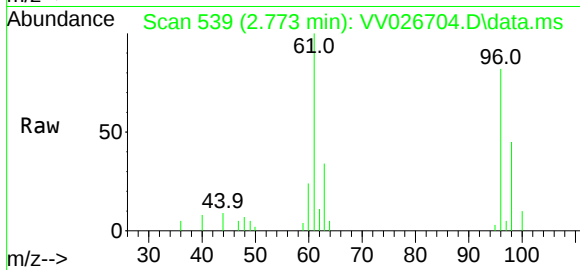




#18
trans-1,2-Dichloroethene
Concen: 0.467 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026704.D
Acq: 08 Jul 2022 18:24

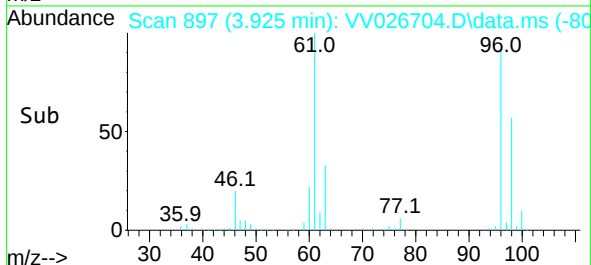
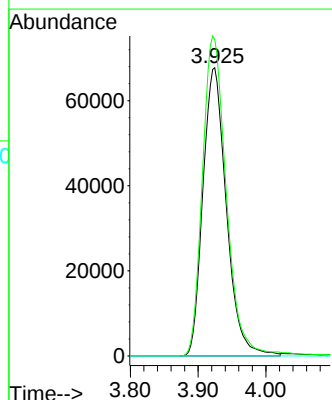
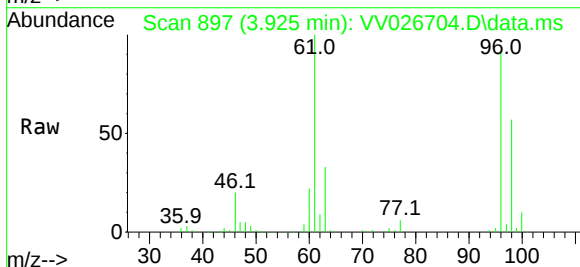
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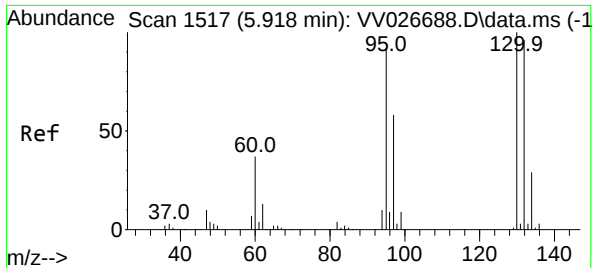
Tgt Ion: 96 Resp: 6008
Ion Ratio Lower Upper
96 100
61 122.0 90.4 167.8
98 55.4 45.6 84.8



#22
cis-1,2-Dichloroethene
Concen: 12.754 ug/L
RT: 3.925 min Scan# 897
Delta R.T. 0.000 min
Lab File: VV026704.D
Acq: 08 Jul 2022 18:24

Tgt Ion: 96 Resp: 162797
Ion Ratio Lower Upper
96 100
61 109.9 82.0 152.2
68 0.0 0.0 0.0

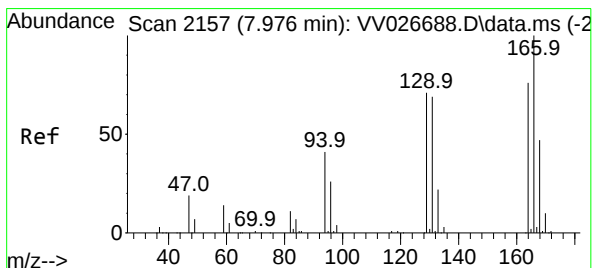
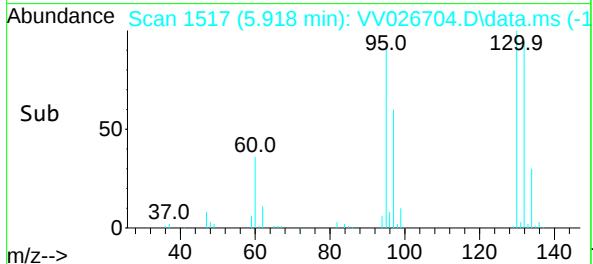
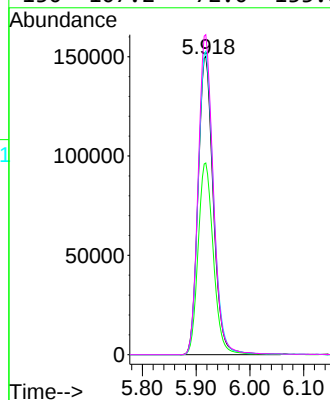
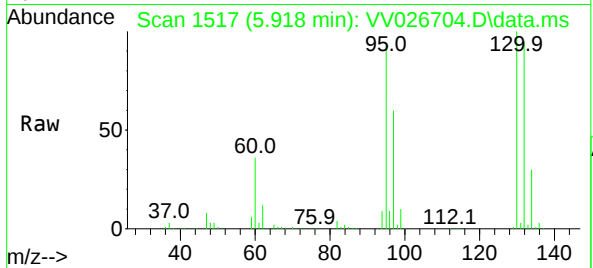




#34
Trichloroethene
Concen: 21.006 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV026704.D
Acq: 08 Jul 2022 18:24

Instrument :
MSVOA_V
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DBUB3

Tgt Ion: 95 Resp: 294101
Ion Ratio Lower Upper
95 100
97 64.2 46.8 87.0
132 101.7 69.9 129.7
130 107.2 72.0 133.8



#47
Tetrachloroethene
Concen: 31.481 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV026704.D
Acq: 08 Jul 2022 18:24

Tgt Ion: 164 Resp: 350924
Ion Ratio Lower Upper
164 100
129 93.5 66.4 123.2
131 89.8 64.4 119.6
166 126.3 88.1 163.7

