

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061923\
 Data File : VU054596.D
 Acq On : 19 Jun 2023 15:06
 Operator : MD/SY
 Sample : 03284-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCGZ6

Quant Time: Jun 20 05:52:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 17 06:10:25 2023
 Response via : Initial Calibration

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

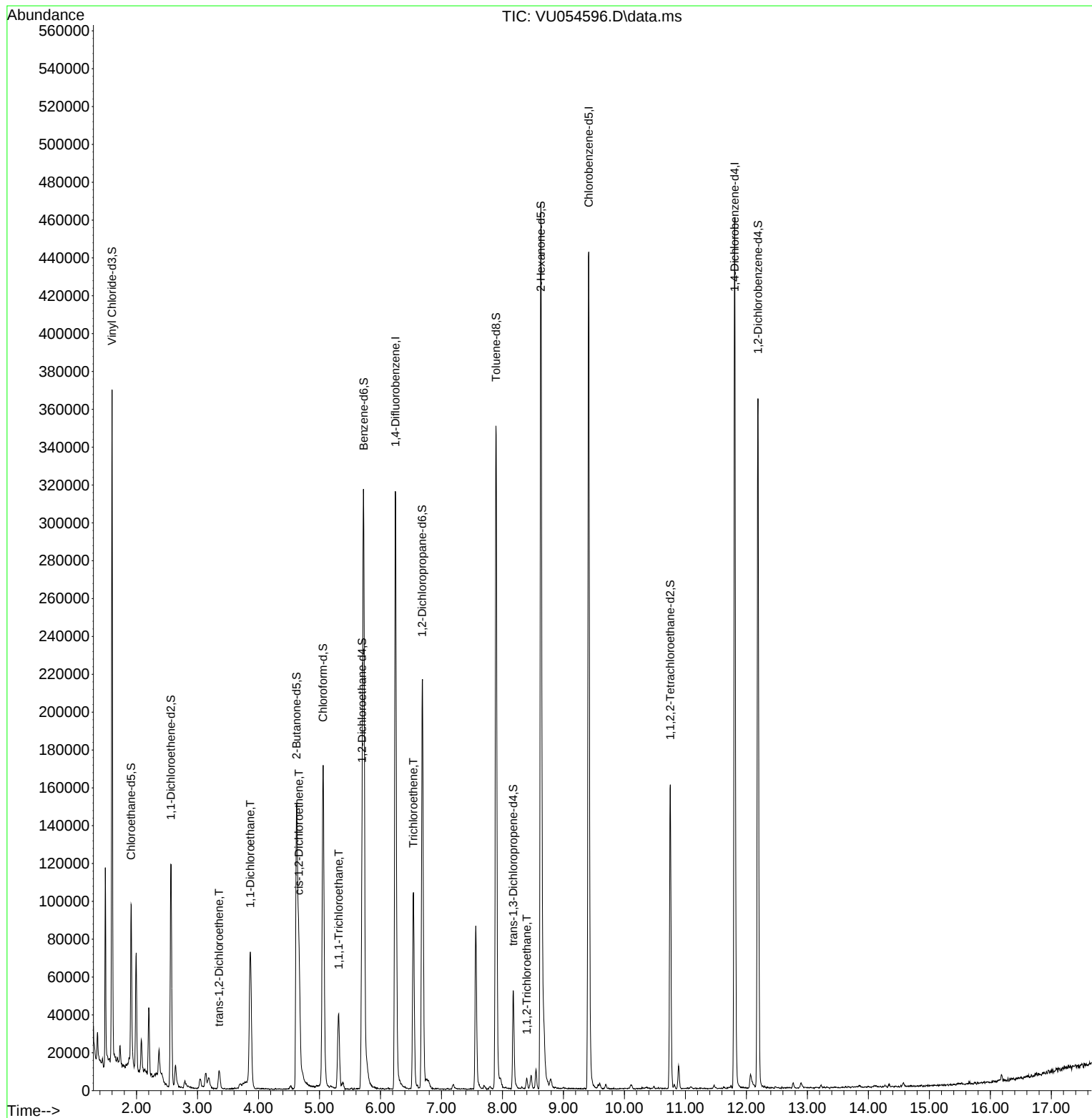
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	262814	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	260029	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	124778	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	47483	2.839	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.800%
7) Chloroethane-d5	1.911	69	68272	4.360	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.563	65	23167	3.101	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	4.624	46	235120	49.998	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.000%
24) Chloroform-d	5.058	84	162545	4.649	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.698	65	81874	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.724	84	300040	4.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.685	67	108629	4.500	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.894	98	241013	3.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	8.177	79	31503	3.753	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.631	63	165231	46.917	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.840%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84699	4.705	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	98689	4.689	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						Qvalue
18) trans-1,2-Dichloroethene	3.354	96	3346	0.170	ug/L	96
19) 1,1-Dichloroethane	3.865	63	87159	2.140	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	23830	1.063	ug/L	94
29) 1,1,1-Trichloroethane	5.316	97	29121	0.826	ug/L	96
34) Trichloroethene	6.541	95	36205	1.465	ug/L	97
45) 1,1,2-Trichloroethane	8.402	97	1951	0.121	ug/L	94

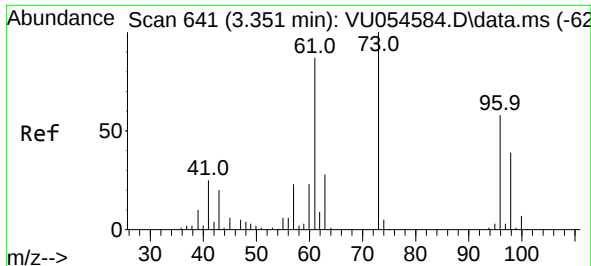
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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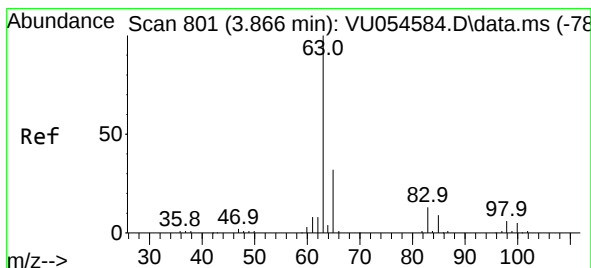
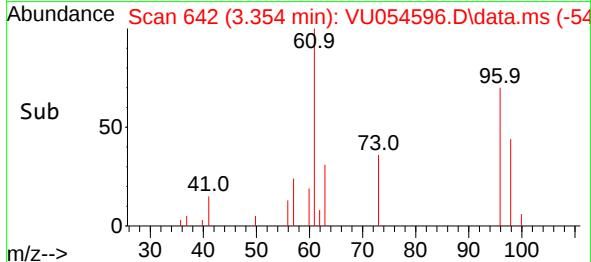
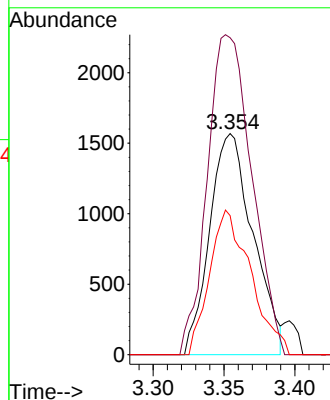
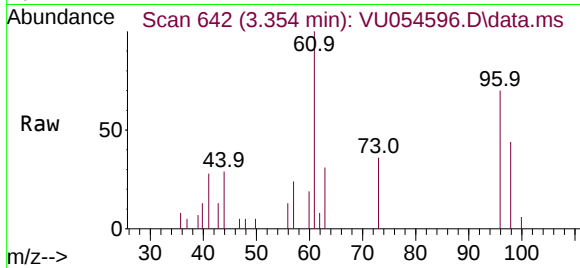




#18
trans-1,2-Dichloroethene
Concen: 0.170 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054596.D
Acq: 19 Jun 2023 15:06

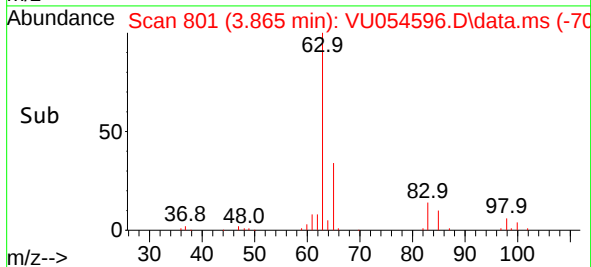
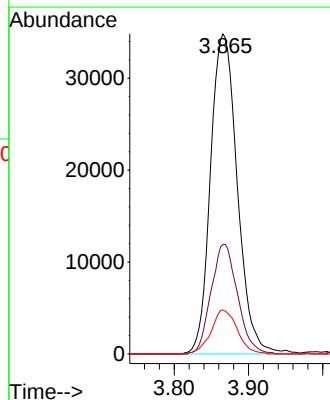
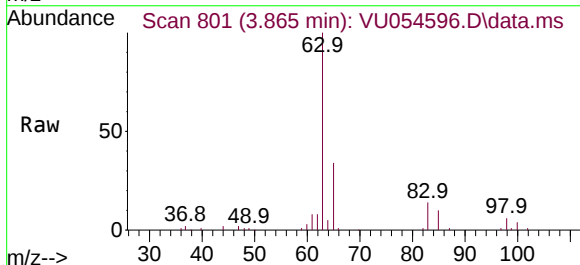
Instrument :
MSVOA_U
ClientSampleId :
DCGZ6

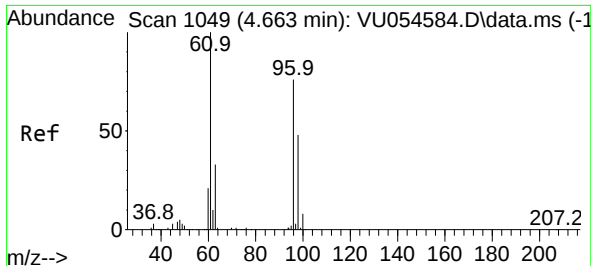
Tgt Ion: 96 Resp: 3346
Ion Ratio Lower Upper
96 100
61 143.3 104.6 194.2
98 62.8 45.4 84.4



#19
1,1-Dichloroethane
Concen: 2.140 ug/L
RT: 3.865 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU054596.D
Acq: 19 Jun 2023 15:06

Tgt Ion: 63 Resp: 87159
Ion Ratio Lower Upper
63 100
65 34.3 22.2 41.2
83 13.7 9.0 16.6

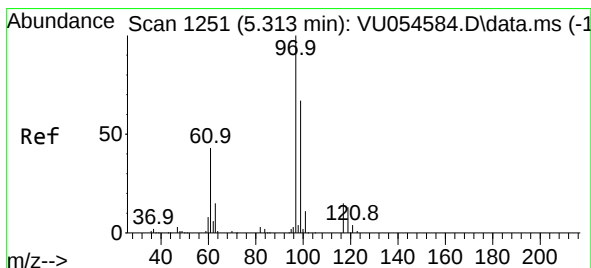
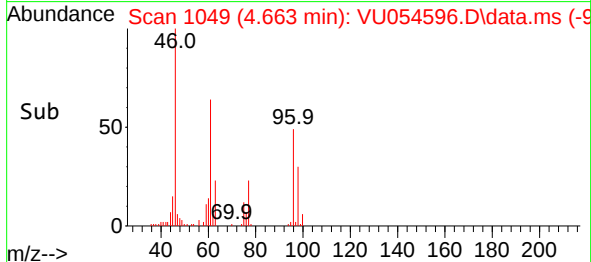
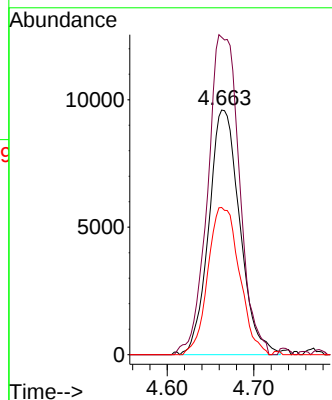
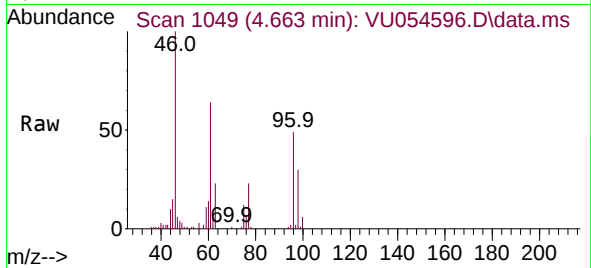




#22
 cis-1,2-Dichloroethene
 Concen: 1.063 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU054596.D
 Acq: 19 Jun 2023 15:06

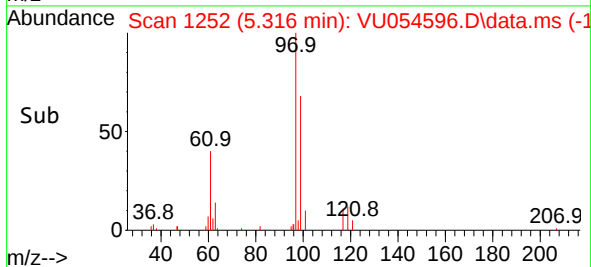
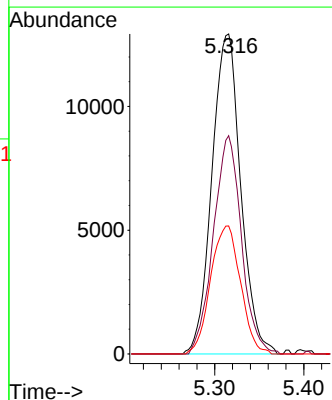
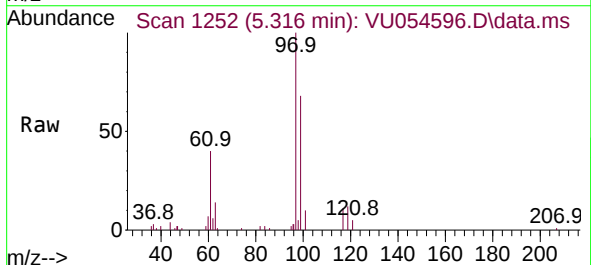
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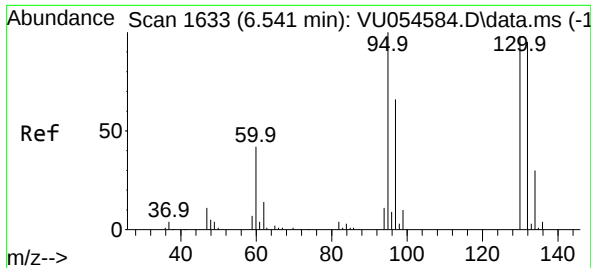
Tgt Ion: 96 Resp: 23830
 Ion Ratio Lower Upper
 96 100
 61 129.8 96.5 179.1
 98 60.2 44.9 83.3



#29
 1,1,1-Trichloroethane
 Concen: 0.826 ug/L
 RT: 5.316 min Scan# 1252
 Delta R.T. 0.003 min
 Lab File: VU054596.D
 Acq: 19 Jun 2023 15:06

Tgt Ion: 97 Resp: 29121
 Ion Ratio Lower Upper
 97 100
 99 66.2 50.8 76.2
 61 41.5 36.1 54.1

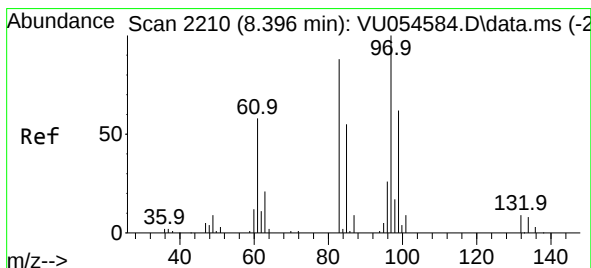
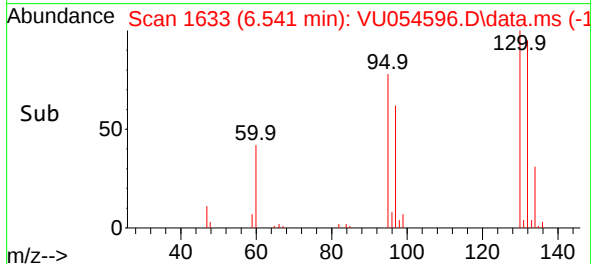
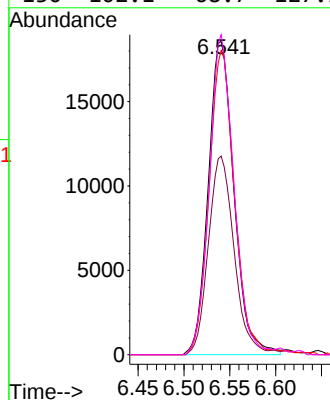
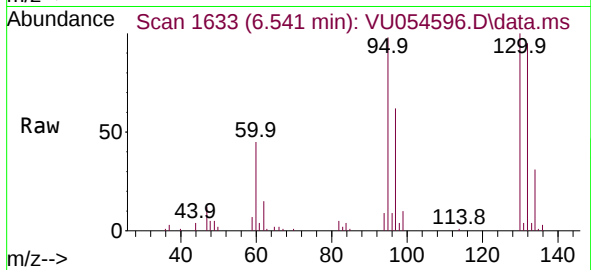




#34
 Trichloroethene
 Concen: 1.465 ug/L
 RT: 6.541 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU054596.D
 Acq: 19 Jun 2023 15:06

Instrument :
 MSVOA_U
 ClientSampleId :
 DCGZ6

Tgt Ion: 95 Resp: 36205
 Ion Ratio Lower Upper
 95 100
 97 63.3 46.8 87.0
 132 97.1 68.4 127.0
 130 102.1 68.7 127.5



#45
 1,1,2-Trichloroethane
 Concen: 0.121 ug/L
 RT: 8.402 min Scan# 2212
 Delta R.T. 0.006 min
 Lab File: VU054596.D
 Acq: 19 Jun 2023 15:06

Tgt Ion: 97 Resp: 1951
 Ion Ratio Lower Upper
 97 100
 99 57.5 43.0 80.0
 83 83.3 63.8 118.6
 85 56.5 41.3 76.7

