

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
 Data File : VV034700.D
 Acq On : 18 Mar 2024 17:07
 Operator : SY/MD
 Sample : P1752-02DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 19 02:55:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 19 02:53:17 2024
 Response via : Initial Calibration

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

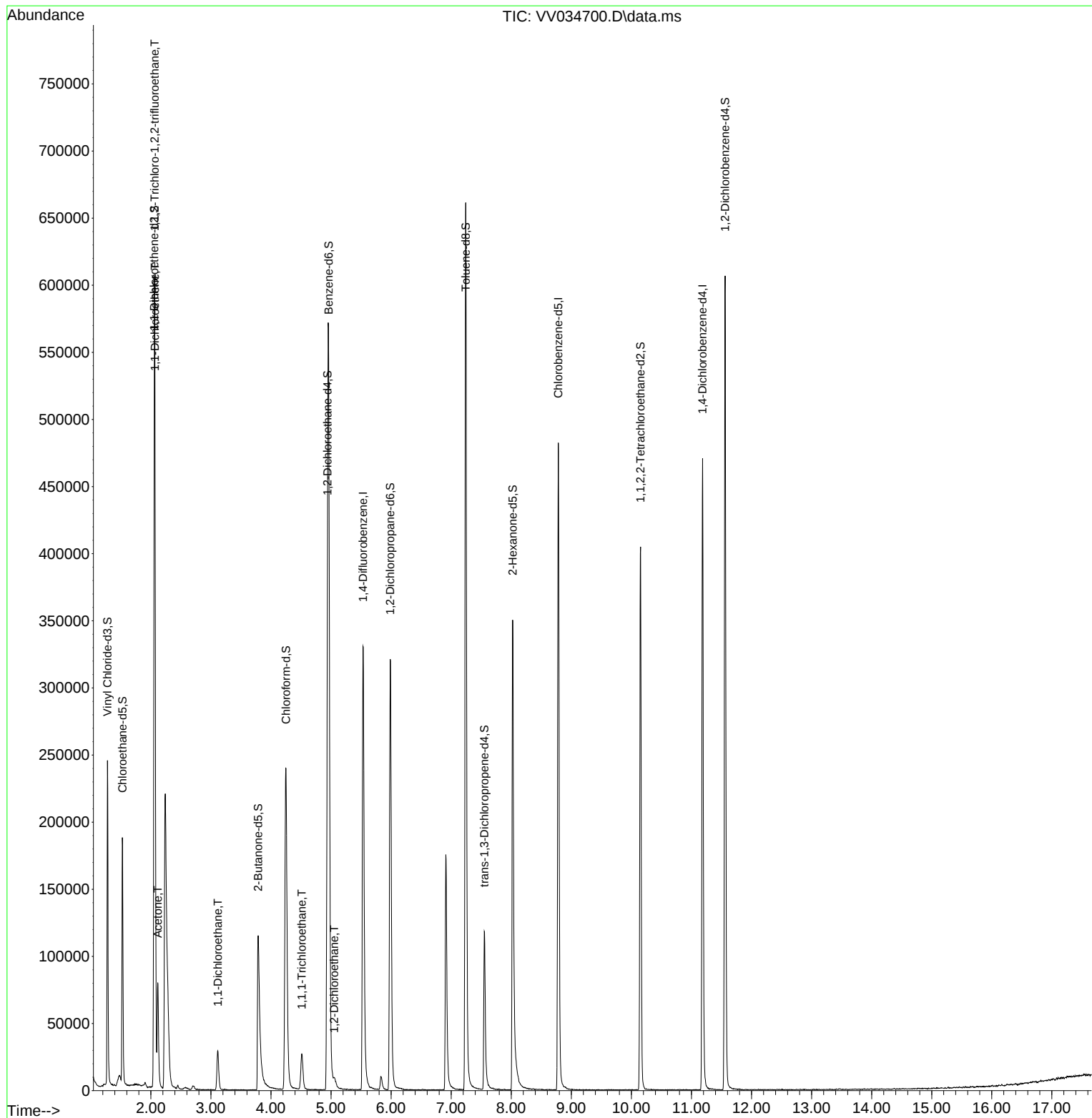
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	289064	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	262053	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	118806	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	154240	61.551	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 123.100%			
7) Chloroethane-d5	1.526	69	117422	60.147	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 120.300%			
11) 1,1-Dichloroethene-d2	2.056	65	65326	57.643	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 115.280%			
21) 2-Butanone-d5	3.786	46	194992	116.359	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 116.360%			
24) Chloroform-d	4.249	84	254999	57.553	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.100%			
26) 1,2-Dichloroethane-d4	4.941	65	169279	58.466	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.940%			
32) Benzene-d6	4.960	84	499818	63.197	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 126.400%#			
36) 1,2-Dichloropropane-d6	5.986	67	155827	64.561	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 129.120%#			
41) Toluene-d8	7.243	98	437662	61.150	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 122.300%#			
43) trans-1,3-Dichloroprop...	7.551	79	71159	58.710	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 117.420%			
47) 2-Hexanone-d5	8.024	63	121966	101.195	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.200%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	191308	60.230	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 120.460%#			
66) 1,2-Dichlorobenzene-d4	11.561	152	151570	62.415	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 124.820%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	3489	1.495	ug/L #	55
12) 1,1-Dichloroethene	2.069	96	93399	43.150	ug/L	91
13) Acetone	2.114	43	79969	39.696	ug/L	98
19) 1,1-Dichloroethane	3.114	63	30809	7.507	ug/L	96
27) 1,2-Dichloroethane	5.053	62	6526	1.888	ug/L #	88
30) 1,1,1-Trichloroethane	4.513	97	21753	5.789	ug/L	98

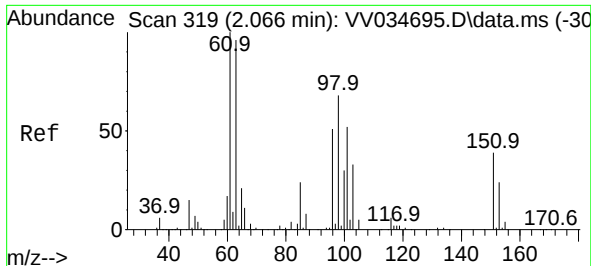
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 19 02:53:17 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.495 ug/L

RT: 2.063 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV034700.D

Acq: 18 Mar 2024 17:07

Instrument :

MSVOA_V

ClientSampleId :

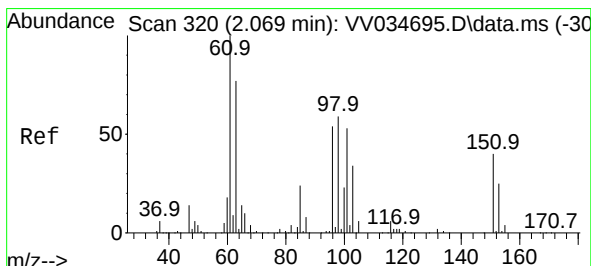
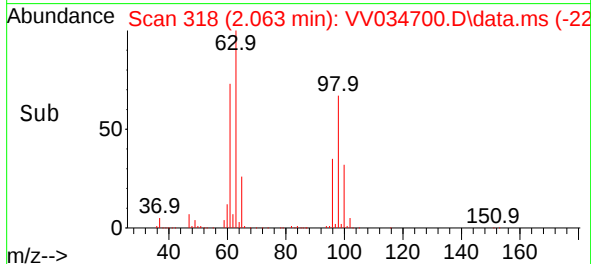
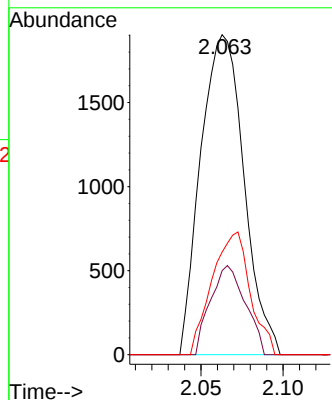
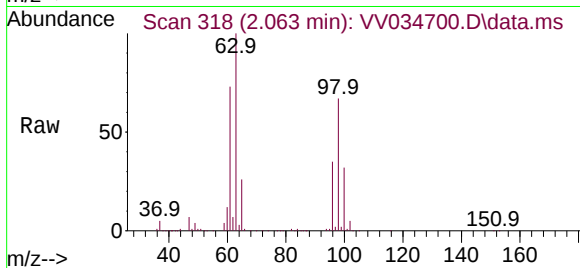
Tgt Ion:101 Resp: 3489

Ion Ratio Lower Upper

101 100

85 22.4 37.4 56.0#

151 33.8 61.4 92.2#



#12

1,1-Dichloroethene

Concen: 43.150 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034700.D

Acq: 18 Mar 2024 17:07

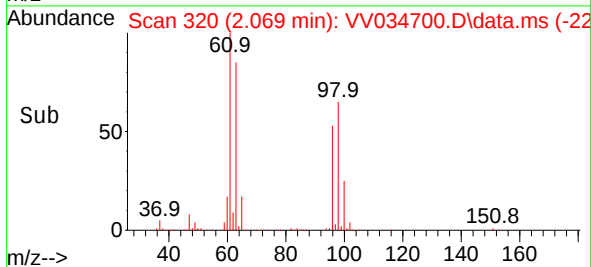
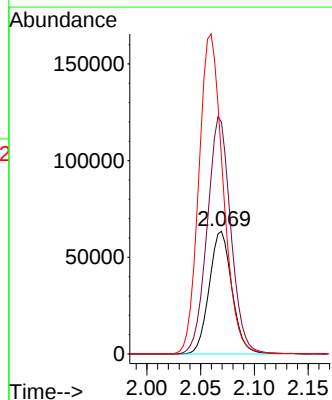
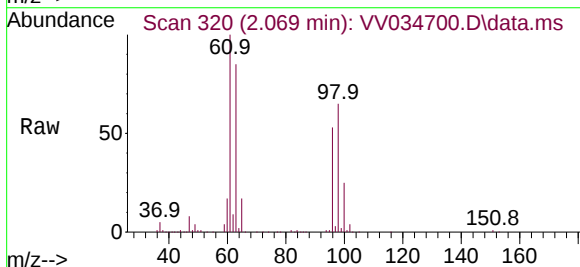
Tgt Ion: 96 Resp: 93399

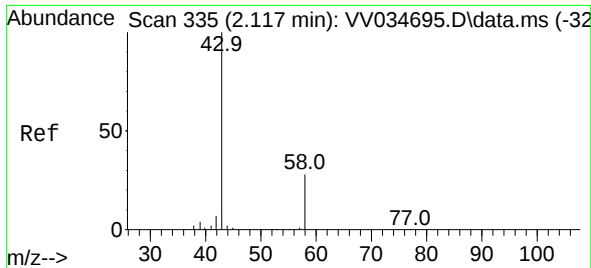
Ion Ratio Lower Upper

96 100

61 189.1 128.9 239.3

63 159.9 98.0 182.0





#13

Acetone

Concen: 39.696 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV034700.D

Acq: 18 Mar 2024 17:07

Instrument :

MSVOA_V

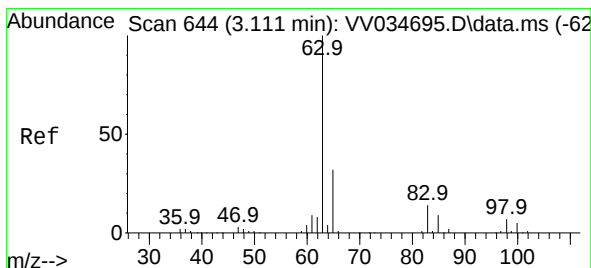
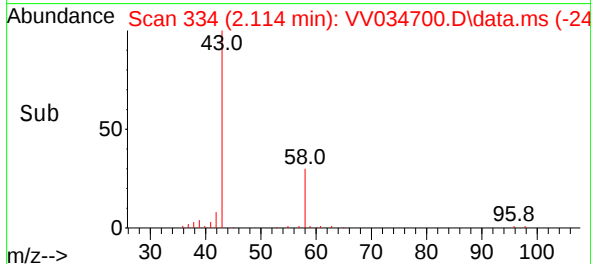
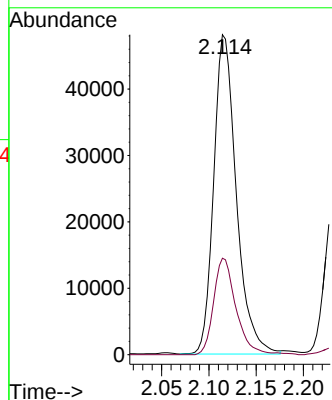
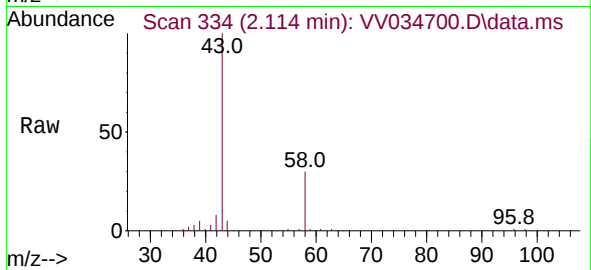
ClientSampleId :

Tgt Ion: 43 Resp: 79969

Ion Ratio Lower Upper

43 100

58 29.6 0.0 57.2



#19

1,1-Dichloroethane

Concen: 7.507 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.003 min

Lab File: VV034700.D

Acq: 18 Mar 2024 17:07

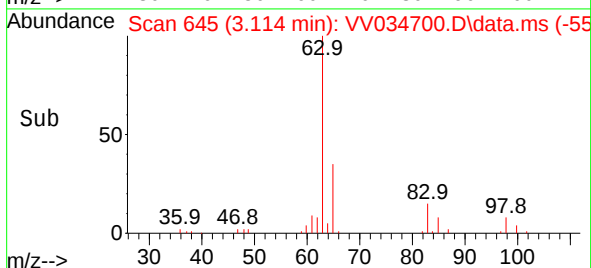
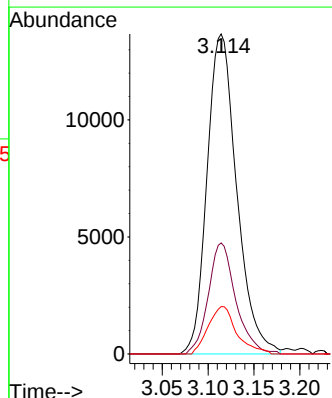
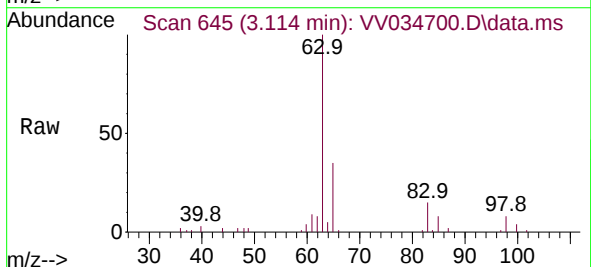
Tgt Ion: 63 Resp: 30809

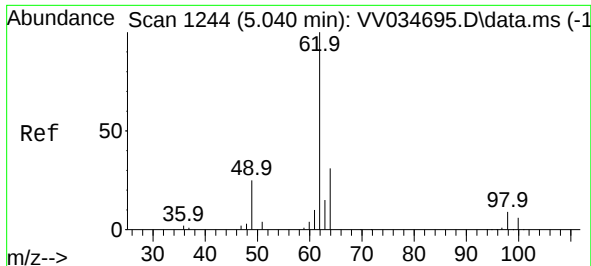
Ion Ratio Lower Upper

63 100

65 34.7 22.1 41.1

83 14.8 9.9 18.3

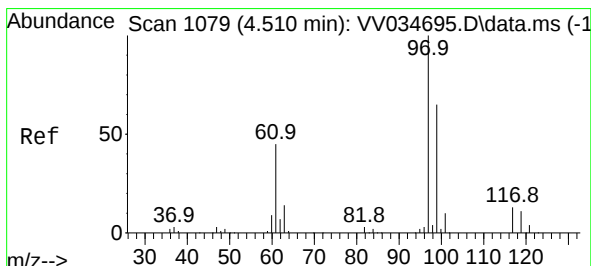
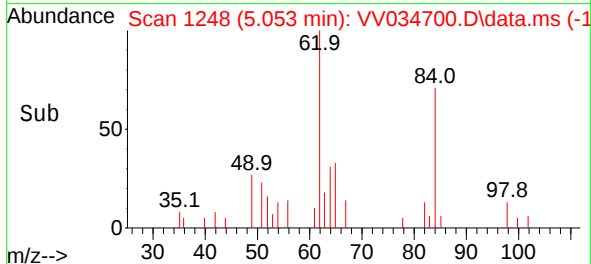
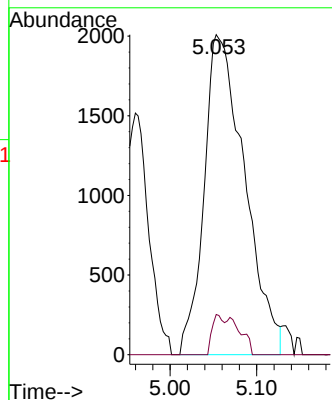
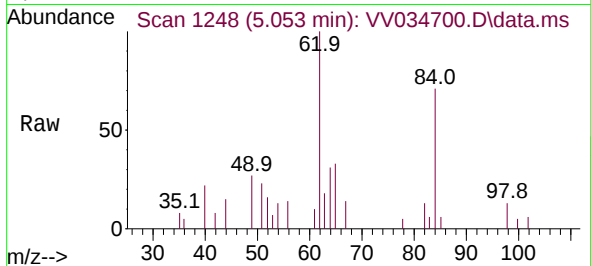




#27
 1,2-Dichloroethane
 Concen: 1.888 ug/L
 RT: 5.053 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VV034700.D
 Acq: 18 Mar 2024 17:07

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 62 Resp: 6526
 Ion Ratio Lower Upper
 62 100
 98 12.5 6.6 10.0#



#30
 1,1,1-Trichloroethane
 Concen: 5.789 ug/L
 RT: 4.513 min Scan# 1080
 Delta R.T. 0.003 min
 Lab File: VV034700.D
 Acq: 18 Mar 2024 17:07

Tgt Ion: 97 Resp: 21753
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.3 76.9
 61 47.5 36.0 54.0

