

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061223\
 Data File : VU054492.D
 Acq On : 12 Jun 2023 17:36
 Operator : MD/SY
 Sample : 03104-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONQ8

Quant Time: Jun 13 02:31:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 13 02:28:29 2023
 Response via : Initial Calibration

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

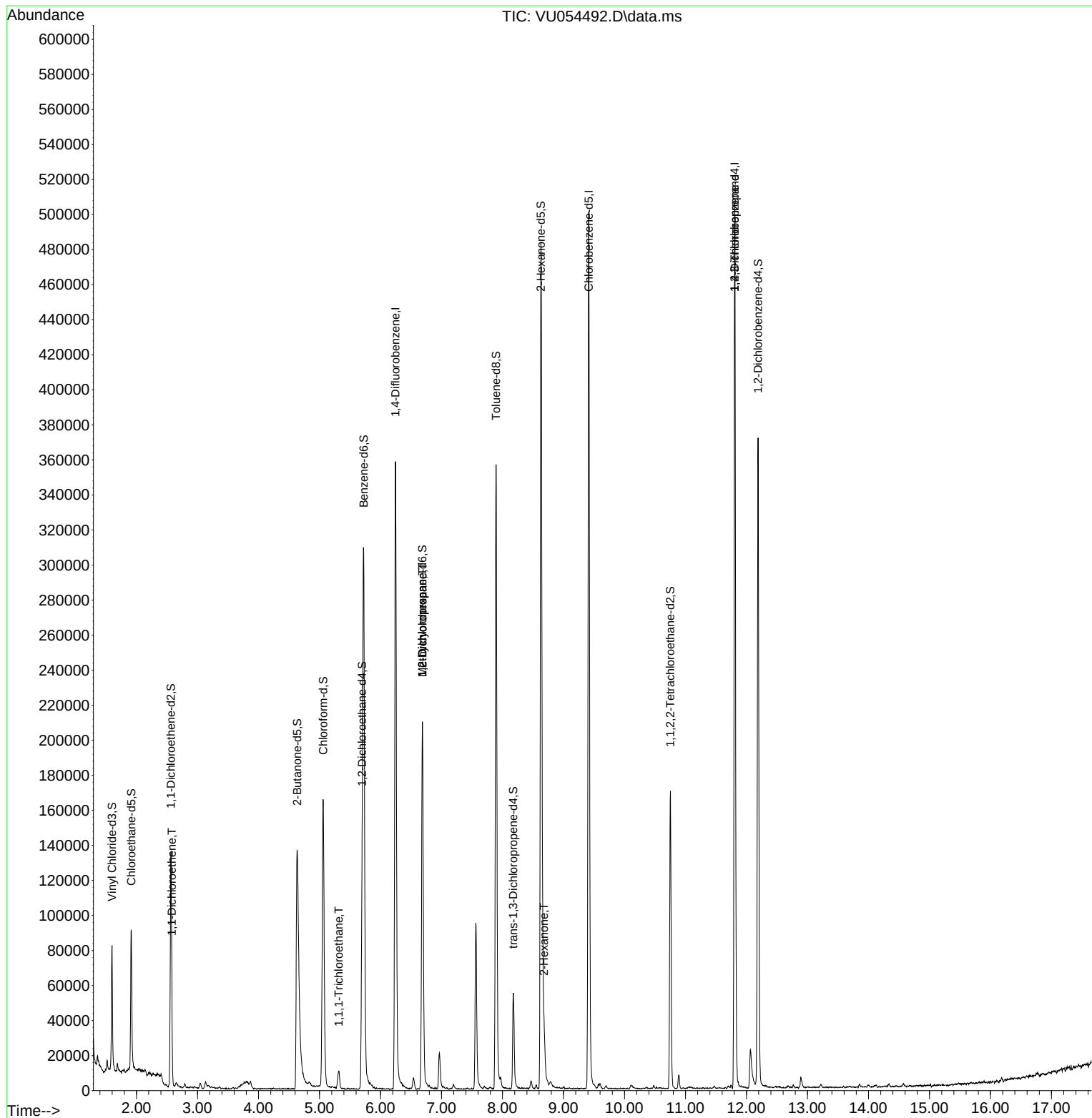
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	291330	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	280799	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	137509	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	53118	2.865	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	57.200%	
7) Chloroethane-d5	1.914	69	60499	3.485	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	69.800%	
11) 1,1-Dichloroethene-d2	2.563	65	25401	3.067	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.400%	
20) 2-Butanone-d5	4.634	46	259341	49.751	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.500%	
24) Chloroform-d	5.058	84	156564	4.040	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.800%	
26) 1,2-Dichloroethane-d4	5.698	65	80463	4.259	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
32) Benzene-d6	5.724	84	289246	3.706	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.200%	
36) 1,2-Dichloropropane-d6	6.685	67	105373	4.042	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.800%	
41) Toluene-d8	7.894	98	241222	3.482	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.600%#	
43) trans-1,3-Dichloroprop...	8.177	79	33728	3.721	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.400%	
46) 2-Hexanone-d5	8.630	63	165142	43.423	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.840%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	87720	4.513	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	98690	4.255	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.579	96	2360	0.112	ug/L #	1
29) 1,1,1-Trichloroethane	5.315	97	7060	0.185	ug/L #	89
35) Methylcyclohexane	6.685	83	23181	0.575	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	10841	0.397	ug/L #	90
48) 2-Hexanone	8.682	43	13479	1.242	ug/L	92
61) 1,2,3-Trichloropropane	11.807	75	16442	1.183	ug/L #	71

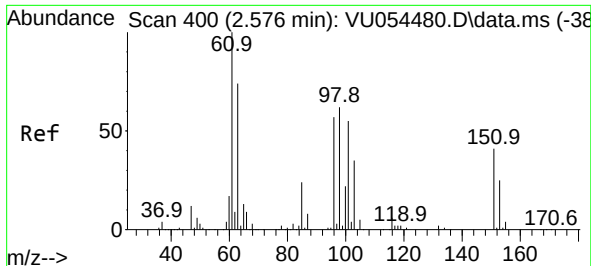
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.112 ug/L

RT: 2.579 min Scan# 401

Delta R.T. 0.003 min

Lab File: VU054492.D

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Instrument :

MSVOA_U

ClientSampleId :

CONQ8

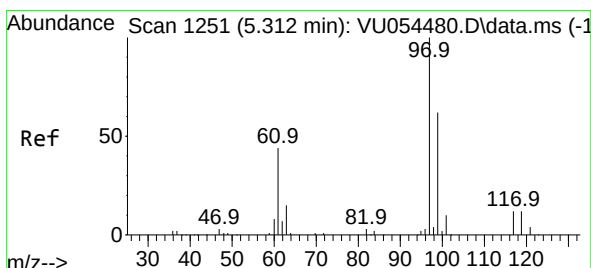
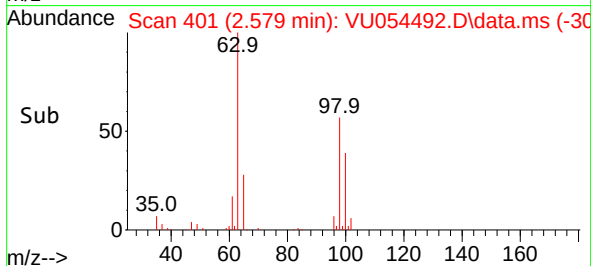
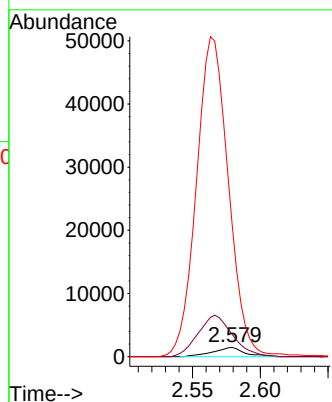
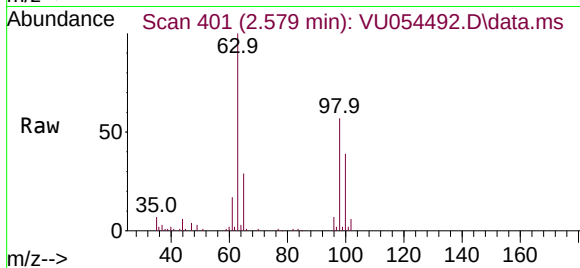
Tgt Ion: 96 Resp: 2360

Ion Ratio Lower Upper

96 100

61 239.9 119.9 222.7#

63 1416.3 64.3 119.3#



#29

1,1,1-Trichloroethane

Concen: 0.185 ug/L

RT: 5.315 min Scan# 1252

Delta R.T. 0.003 min

Lab File: VU054492.D

Acq: 12 Jun 2023 17:36

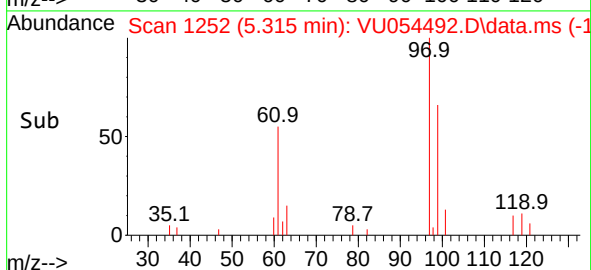
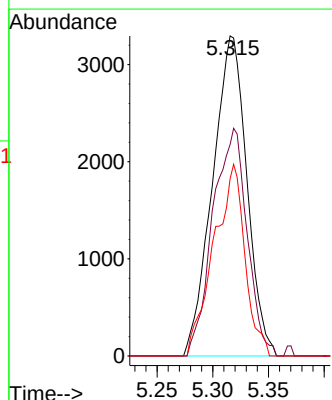
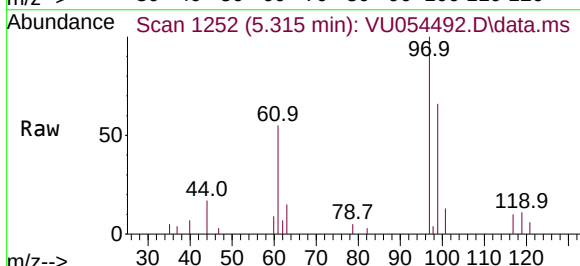
Tgt Ion: 97 Resp: 7060

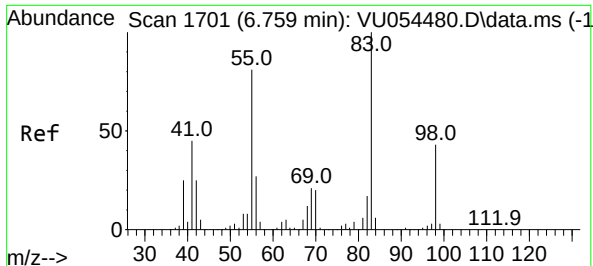
Ion Ratio Lower Upper

97 100

99 70.9 50.8 76.2

61 54.3 36.1 54.1#





#35

Methylcyclohexane

Concen: 0.575 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU054492.D

Acq: 12 Jun 2023 17:36

Instrument :

MSVOA_U

ClientSampleId :

CONQ8

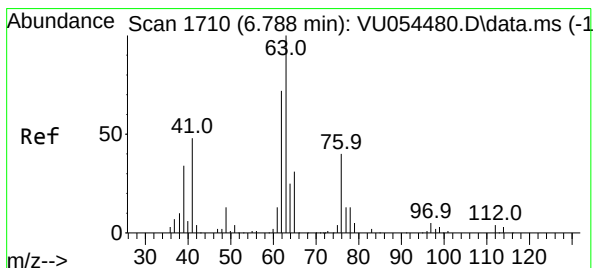
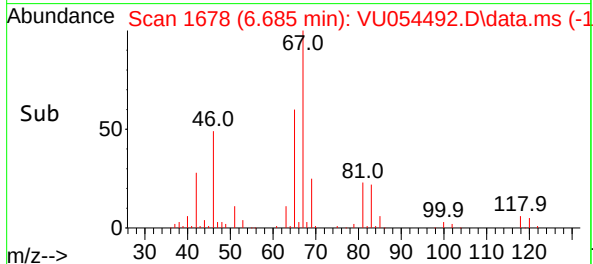
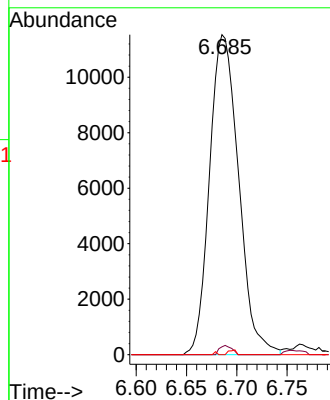
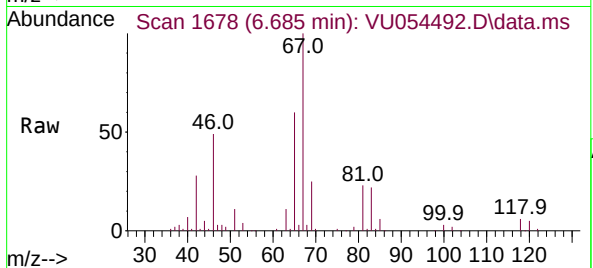
Tgt Ion: 83 Resp: 23181

Ion Ratio Lower Upper

83 100

55 1.2 67.1 100.7#

98 0.1 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.397 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.103 min

Lab File: VU054492.D

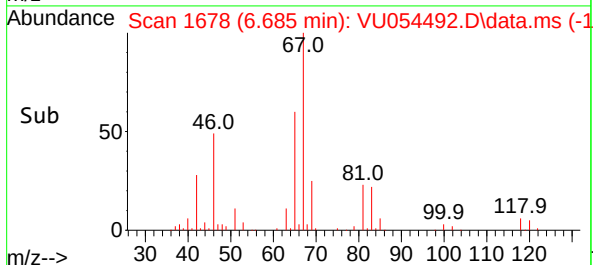
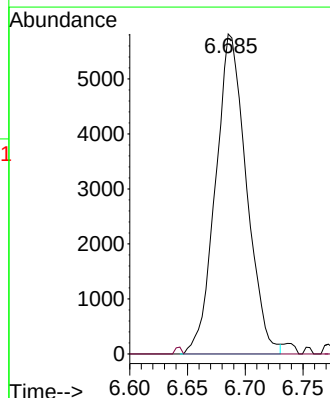
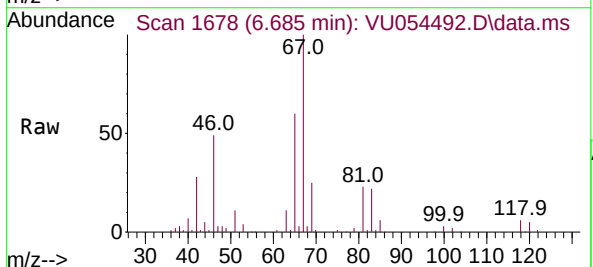
Acq: 12 Jun 2023 17:36

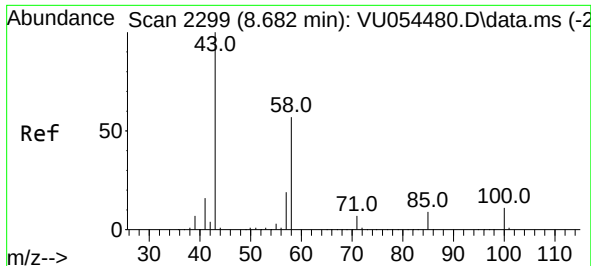
Tgt Ion: 63 Resp: 10841

Ion Ratio Lower Upper

63 100

112 0.4 3.0 4.6#

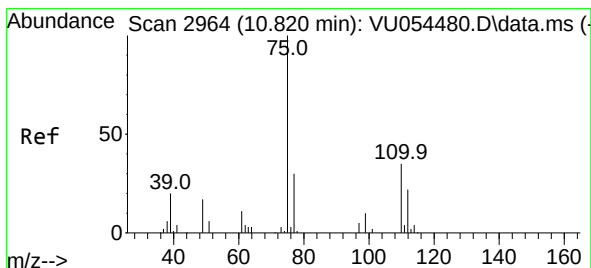
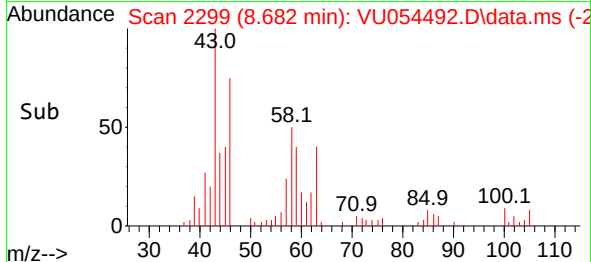
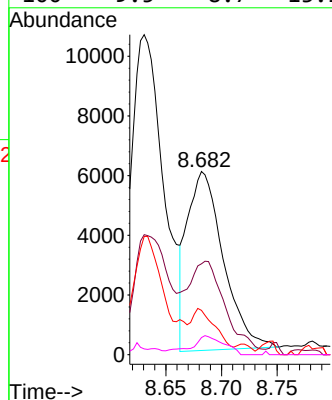
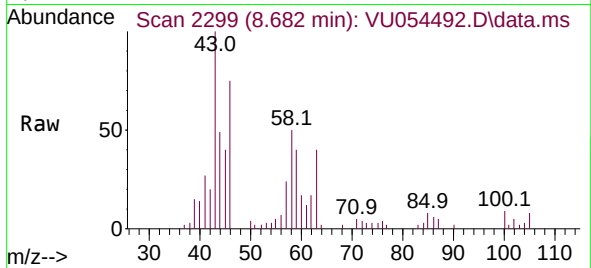




#48
2-Hexanone
Concen: 1.242 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054492.D
Acq: 12 Jun 2023 17:36

Instrument :
MSVOA_U
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CONQ8

Tgt Ion:	43	Resp:	13479
Ion	Ratio	Lower	Upper
43	100		
58	49.2	45.2	67.8
57	17.6	15.8	23.6
100	9.5	8.7	13.1



#61
1,2,3-Trichloropropane
Concen: 1.183 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU054492.D
Acq: 12 Jun 2023 17:36

Tgt Ion:	75	Resp:	16442
Ion	Ratio	Lower	Upper
75	100		
110	3.3	28.0	42.0#
77	32.6	25.4	38.2

