

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049229.D
 Acq On : 17 Jun 2022 01:07
 Operator : SY/MD
 Sample : N3320-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGJ86

Quant Time: Jun 17 02:36:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 02:27:54 2022
 Response via : Initial Calibration

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

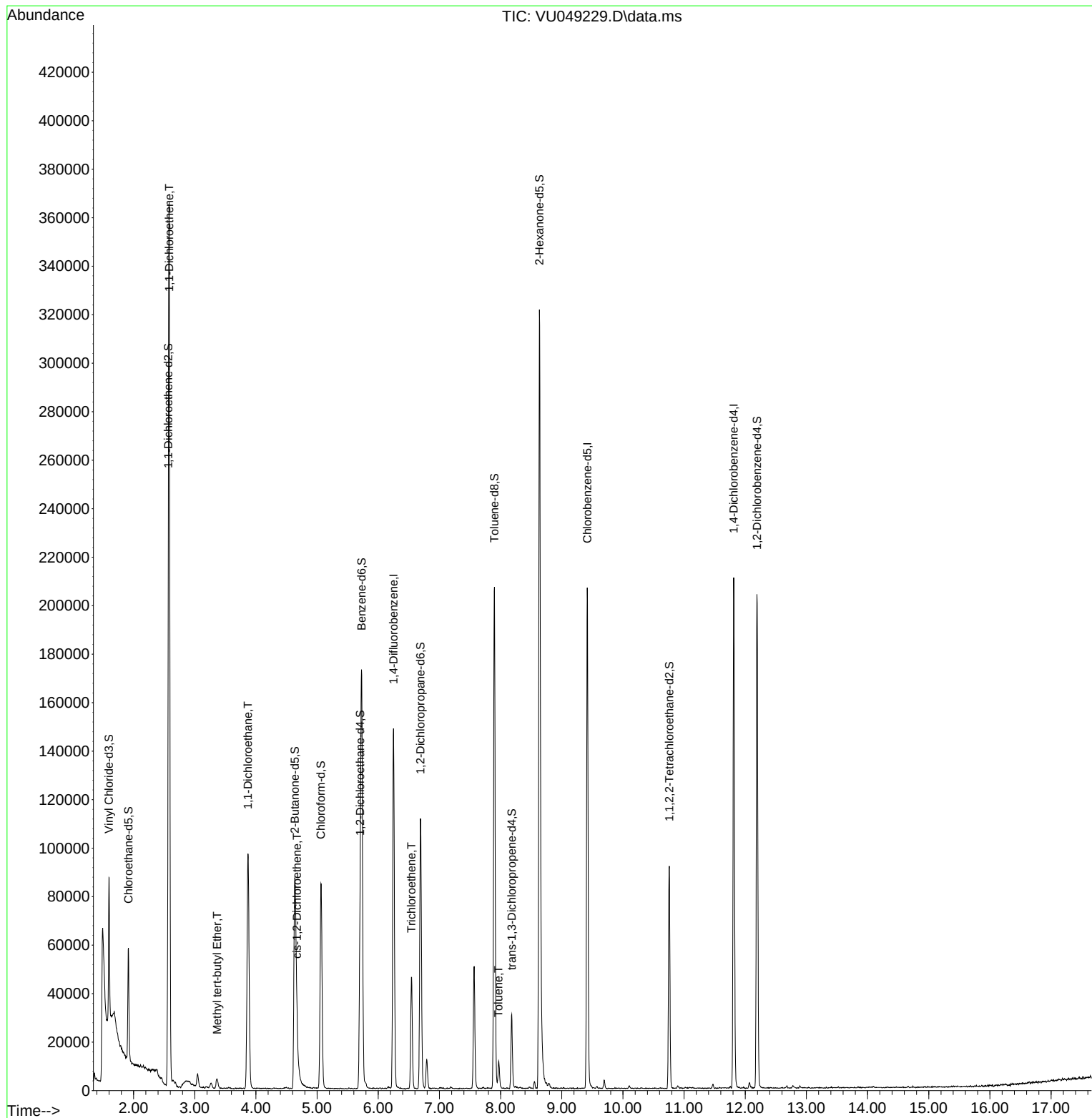
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	116600	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	109768	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54111	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40653	3.990	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.800%	
7) Chloroethane-d5	1.916	69	31558	4.575	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.600%	
11) 1,1-Dichloroethene-d2	2.568	65	16877	4.118	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.400%	
20) 2-Butanone-d5	4.636	46	163308	60.032	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.060%	
24) Chloroform-d	5.063	84	78923	4.937	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
26) 1,2-Dichloroethane-d4	5.703	65	44848	5.115	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	5.729	84	157392	4.760	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
36) 1,2-Dichloropropane-d6	6.690	67	55162	4.915	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.899	98	135749	4.559	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
43) trans-1,3-Dichloroprop...	8.182	79	17289	3.467	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.400%	
46) 2-Hexanone-d5	8.636	63	111092	55.232	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.460%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	47212	5.254	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	52462	5.052	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.000%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.581	96	104736	15.975	ug/L #	79
17) Methyl tert-butyl Ether	3.366	73	3400	0.171	ug/L #	91
19) 1,1-Dichloroethane	3.870	63	112946	7.886	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	2710	0.334	ug/L	87
34) Trichloroethene	6.542	95	15581	1.866	ug/L	95
42) Toluene	7.967	91	7877	0.227	ug/L	95

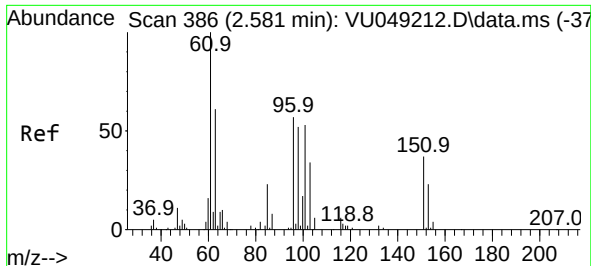
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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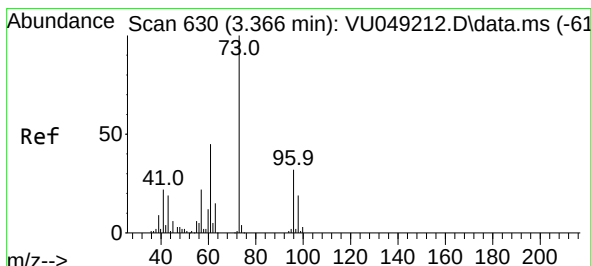
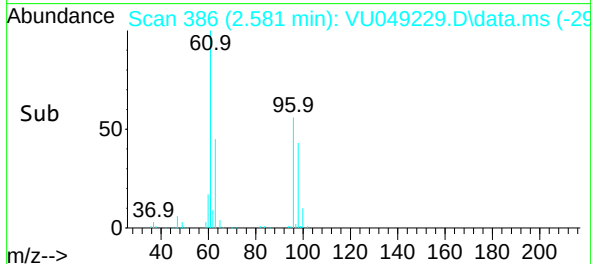
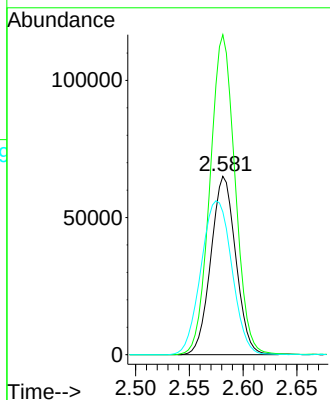
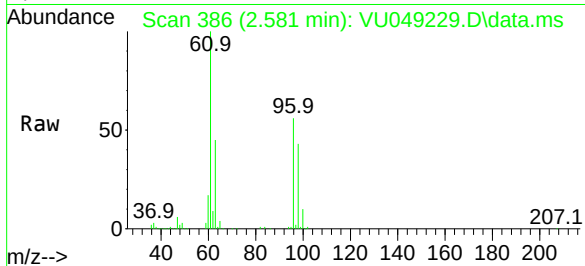




#12
1,1-Dichloroethene
Concen: 15.975 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU049229.D
Acq: 17 Jun 2022 01:07

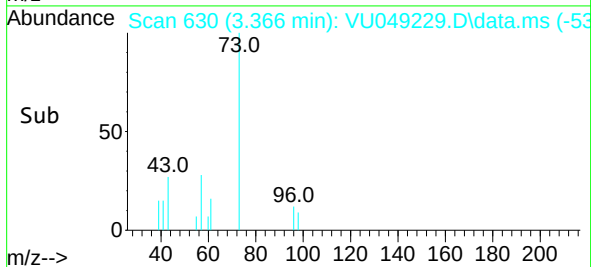
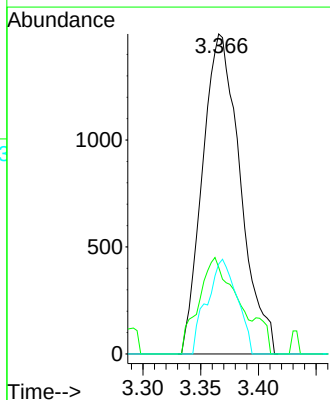
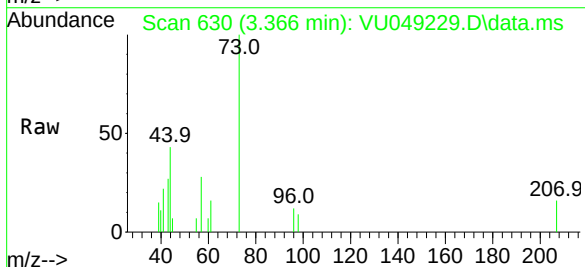
Instrument :
MSVOA_U
ClientSampleId :
BGJ86

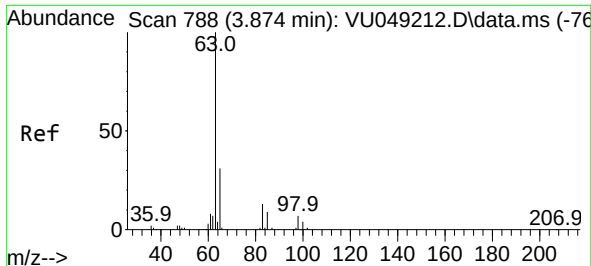
Tgt Ion: 96 Resp: 104736
Ion Ratio Lower Upper
96 100
61 179.4 127.2 236.2
63 80.0 94.7 175.9#



#17
Methyl tert-butyl Ether
Concen: 0.171 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU049229.D
Acq: 17 Jun 2022 01:07

Tgt Ion: 73 Resp: 3400
Ion Ratio Lower Upper
73 100
43 29.6 16.5 24.7#
57 23.4 18.6 27.8





#19

1,1-Dichloroethane

Concen: 7.886 ug/L

RT: 3.870 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU049229.D

Acq: 17 Jun 2022 01:07

Instrument :

MSVOA_U

ClientSampleId :

BGJ86

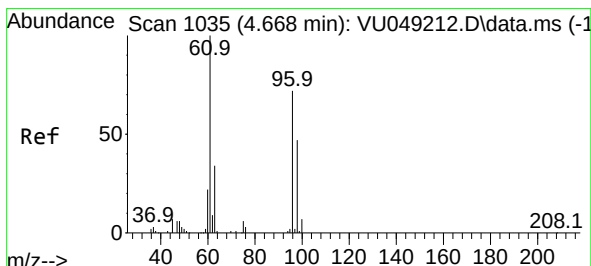
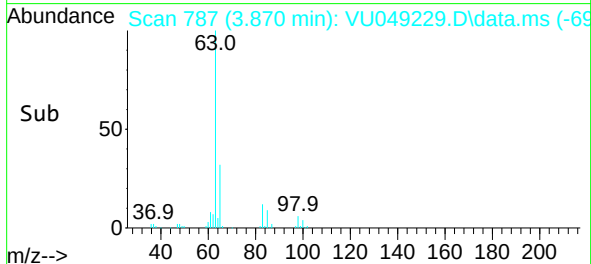
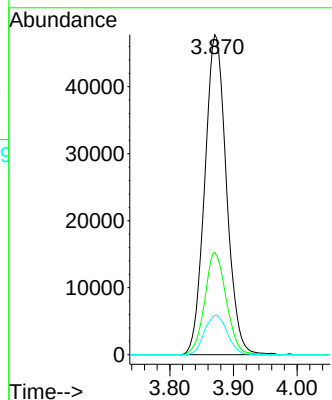
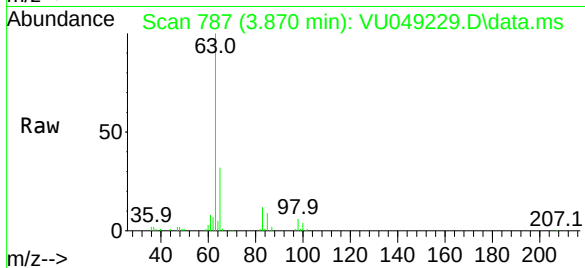
Tgt Ion: 63 Resp: 112946

Ion Ratio Lower Upper

63 100

65 32.0 24.0 44.6

83 12.3 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 0.334 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU049229.D

Acq: 17 Jun 2022 01:07

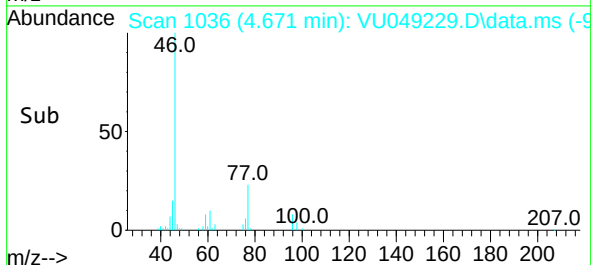
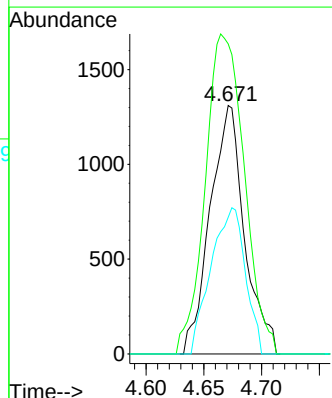
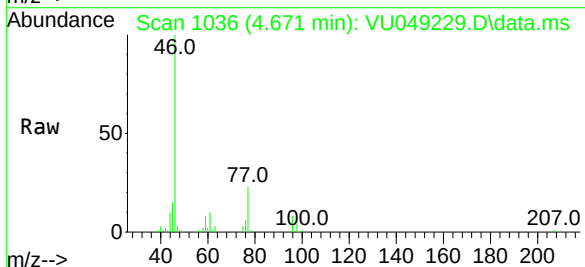
Tgt Ion: 96 Resp: 2710

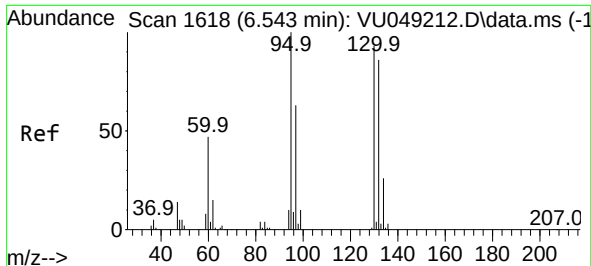
Ion Ratio Lower Upper

96 100

61 124.8 99.5 184.9

98 55.0 44.8 83.2



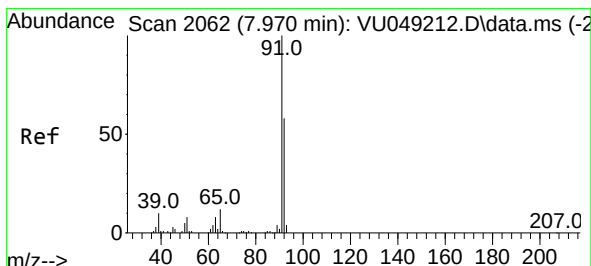
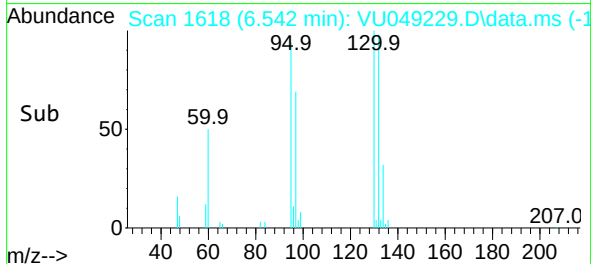
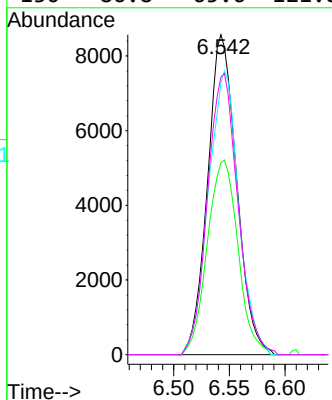
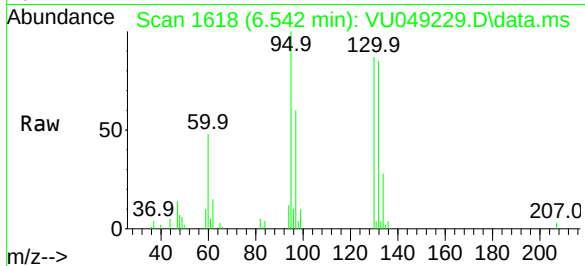


#34
 Trichloroethene
 Concen: 1.866 ug/L
 RT: 6.542 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU049229.D
 Acq: 17 Jun 2022 01:07

Instrument :
 MSVOA_U
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Tgt Ion: 95 Resp: 15581

Ion	Ratio	Lower	Upper
95	100		
97	60.0	45.3	84.1
132	84.9	61.5	114.3
130	86.8	65.6	121.8



#42
 Toluene
 Concen: 0.227 ug/L
 RT: 7.967 min Scan# 2061
 Delta R.T. -0.003 min
 Lab File: VU049229.D
 Acq: 17 Jun 2022 01:07

Tgt Ion: 91 Resp: 7877

Ion	Ratio	Lower	Upper
91	100		
92	53.3	40.0	74.2

