

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061623\
 Data File : VW031579.D
 Acq On : 16 Jun 2023 16:19
 Operator : SY/MD
 Sample : 03249-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT1

Quant Time: Jun 17 02:30:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 17 02:08:04 2023
 Response via : Initial Calibration

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

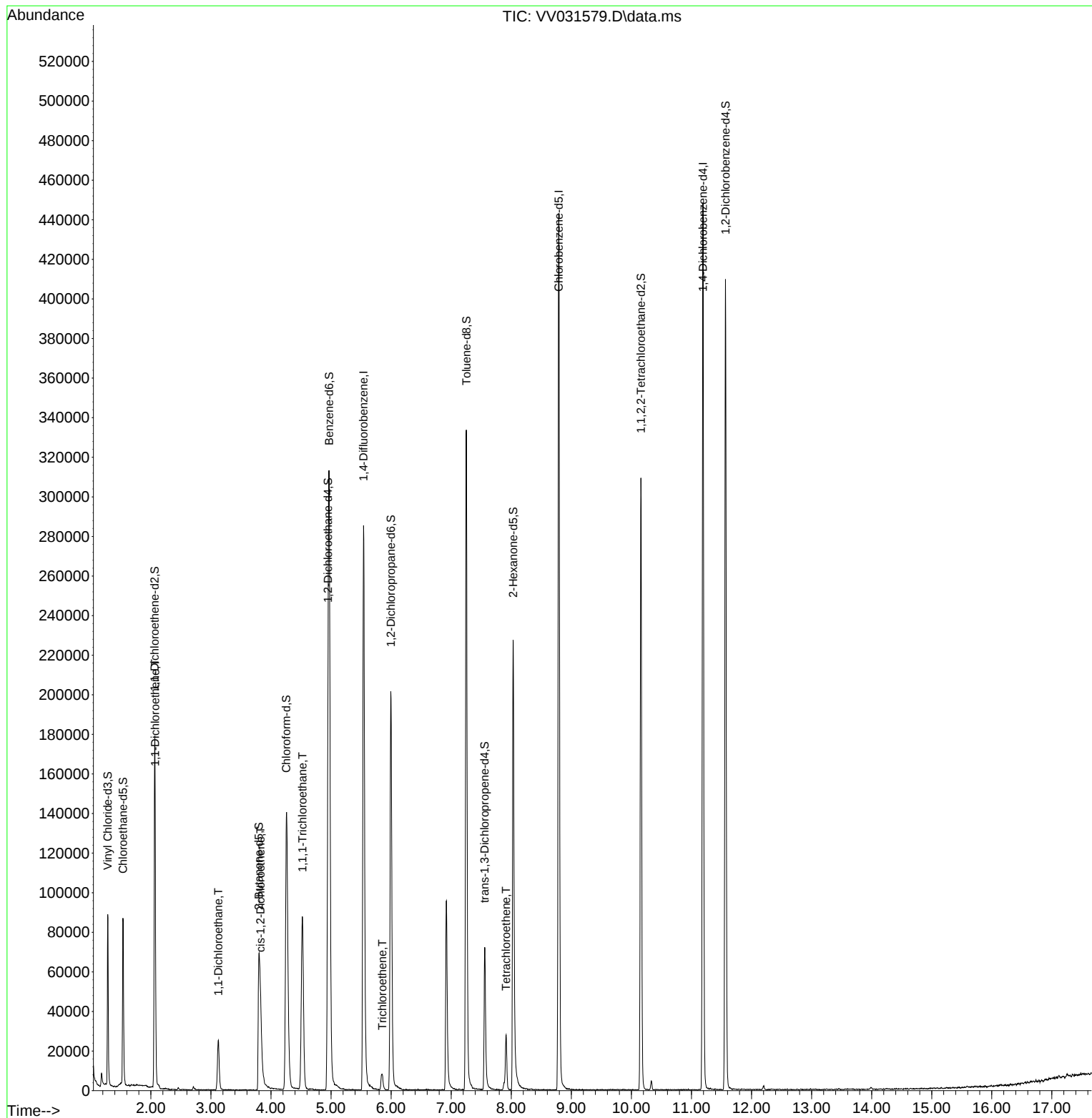
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	234679	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	239171	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	113841	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	56319	36.059	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.120%		
7) Chloroethane-d5	1.535	69	55630	40.821	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.640%		
11) 1,1-Dichloroethene-d2	2.066	65	30480	37.865	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.740%		
21) 2-Butanone-d5	3.799	46	109416	86.516	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.520%		
24) Chloroform-d	4.256	84	154855	39.589	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.180%		
26) 1,2-Dichloroethane-d4	4.950	65	103924	42.464	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.920%		
32) Benzene-d6	4.969	84	270651	40.203	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.400%		
36) 1,2-Dichloropropane-d6	5.995	67	101216	42.419	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.840%		
41) Toluene-d8	7.252	98	223199	36.129	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	72.260%#		
43) trans-1,3-Dichloroprop...	7.558	79	45456	39.078	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.160%		
47) 2-Hexanone-d5	8.034	63	81436	86.441	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.440%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	151775	42.141	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.280%		
66) 1,2-Dichlorobenzene-d4	11.567	152	103585	47.735	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.460%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.072	96	2866	1.650	ug/L #	1
19) 1,1-Dichloroethane	3.124	63	26336	6.732	ug/L	99
20) cis-1,2-Dichloroethene	3.828	96	11122	5.678	ug/L	90
30) 1,1,1-Trichloroethane	4.522	97	75052	19.572	ug/L #	74
34) Trichloroethene	5.854	95	2752	1.293	ug/L	91
46) Tetrachloroethene	7.915	164	5780	3.461	ug/L	90

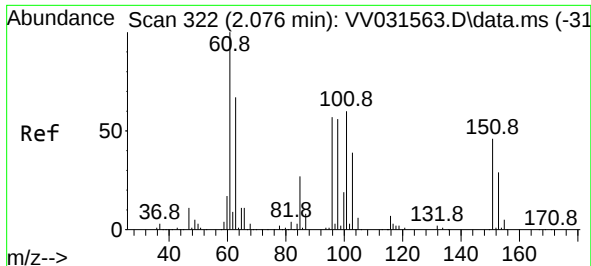
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 17 02:08:04 2023
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#12

1,1-Dichloroethene

Concen: 1.650 ug/L

RT: 2.072 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031579.D

Acq: 16 Jun 2023 16:19

Instrument :

MSVOA_V

ClientSampleId :

EXYT1

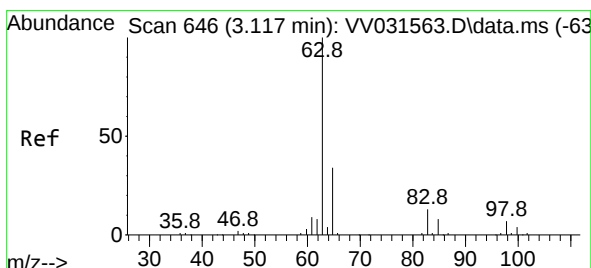
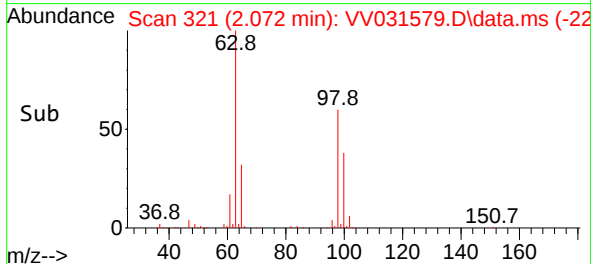
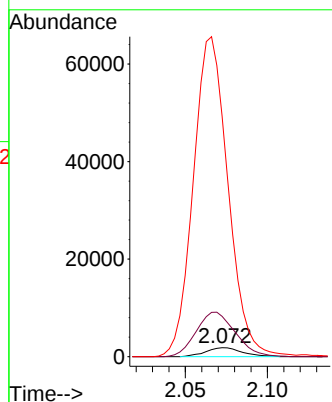
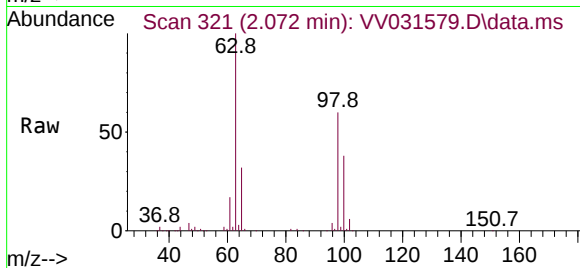
Tgt Ion: 96 Resp: 2866

Ion Ratio Lower Upper

96 100

61 341.0 128.9 239.5#

63 2031.5 95.3 177.1#



#19

1,1-Dichloroethane

Concen: 6.732 ug/L

RT: 3.124 min Scan# 648

Delta R.T. 0.006 min

Lab File: VV031579.D

Acq: 16 Jun 2023 16:19

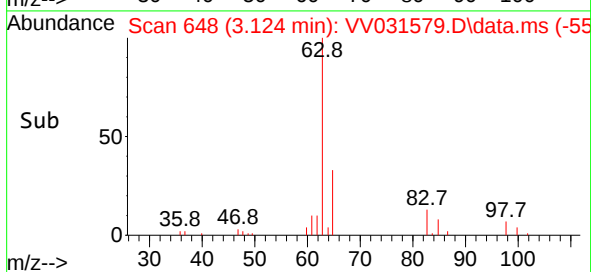
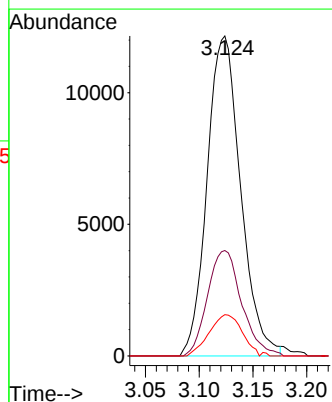
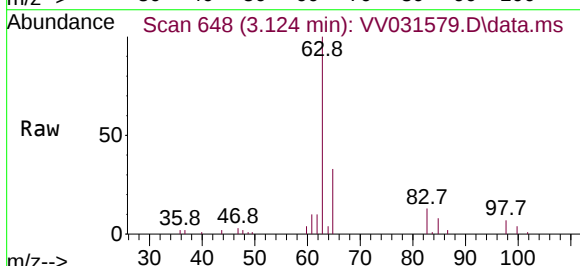
Tgt Ion: 63 Resp: 26336

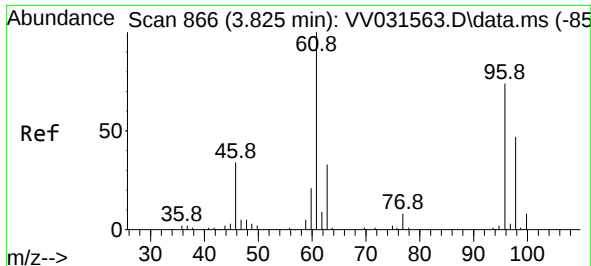
Ion Ratio Lower Upper

63 100

65 33.0 22.5 41.7

83 13.8 10.0 18.6

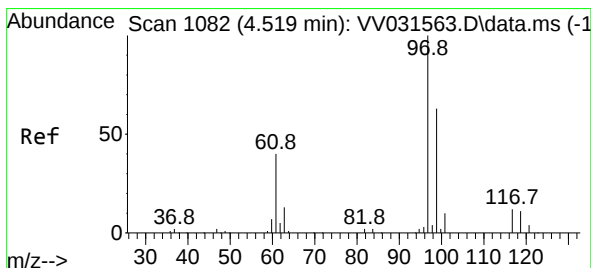
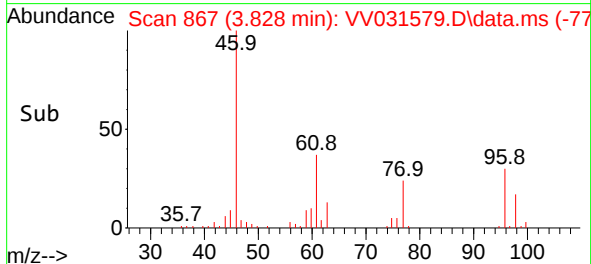
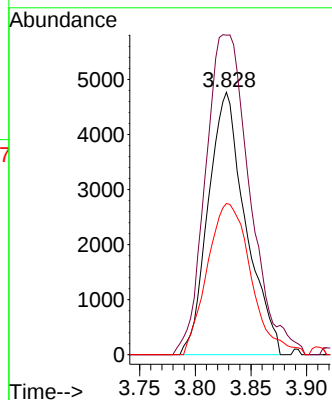
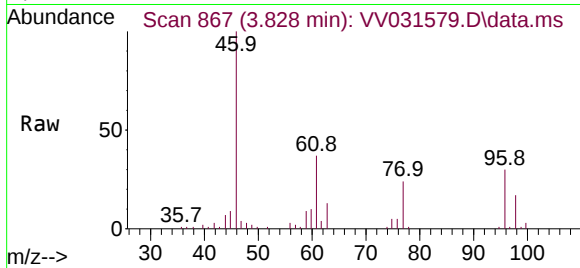




#20
 cis-1,2-Dichloroethene
 Concen: 5.678 ug/L
 RT: 3.828 min Scan# 866
 Delta R.T. 0.003 min
 Lab File: VV031579.D
 Acq: 16 Jun 2023 16:19

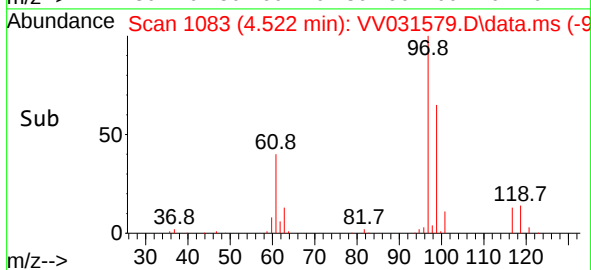
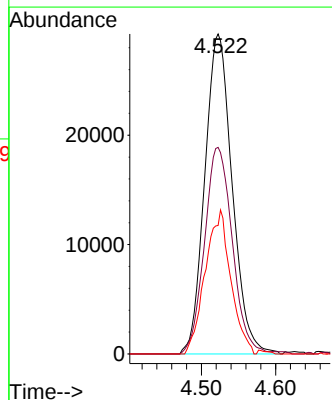
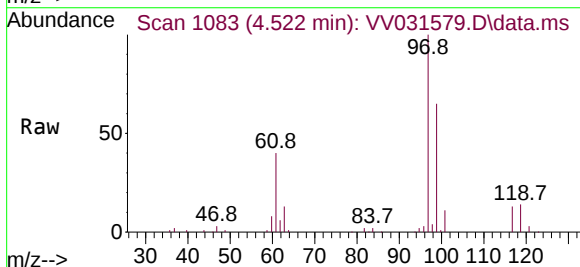
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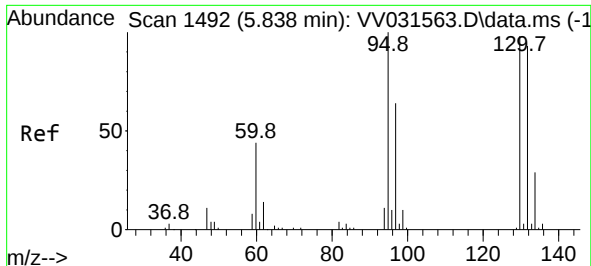
Tgt Ion: 96 Resp: 11122
 Ion Ratio Lower Upper
 96 100
 61 130.3 98.6 183.0
 98 56.2 45.7 84.9



#30
 1,1,1-Trichloroethane
 Concen: 19.572 ug/L
 RT: 4.522 min Scan# 1083
 Delta R.T. 0.003 min
 Lab File: VV031579.D
 Acq: 16 Jun 2023 16:19

Tgt Ion: 97 Resp: 75052
 Ion Ratio Lower Upper
 97 100
 99 65.5 51.8 77.6
 61 0.0 33.0 49.6#



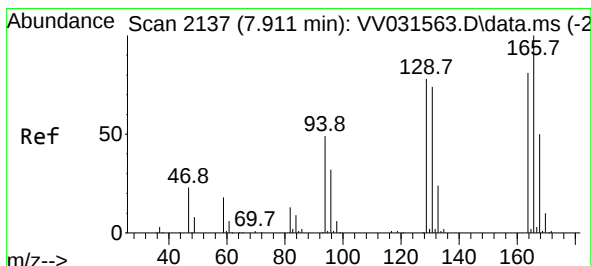
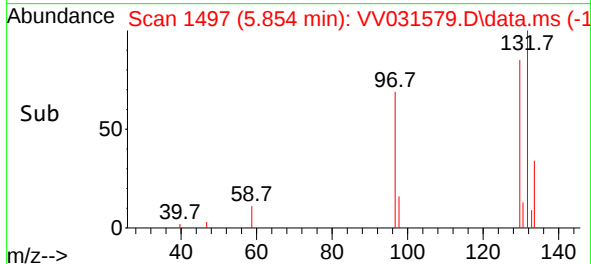
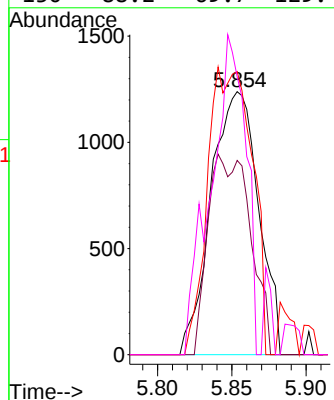
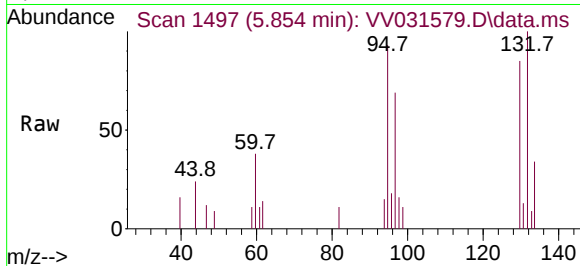


#34
Trichloroethene
Concen: 1.293 ug/L
RT: 5.854 min Scan# 1497
Delta R.T. 0.016 min
Lab File: VV031579.D
Acq: 16 Jun 2023 16:19

Instrument :
MSVOA_V
ClientSampleId :
EXYT1

Tgt Ion: 95 Resp: 2752

Ion	Ratio	Lower	Upper
95	100		
97	75.7	46.8	86.8
132	89.9	66.4	123.2
130	88.2	69.7	129.4



#46
Tetrachloroethene
Concen: 3.461 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV031579.D
Acq: 16 Jun 2023 16:19

Tgt Ion: 164 Resp: 5780

Ion	Ratio	Lower	Upper
164	100		
129	104.9	68.4	127.0
131	106.0	67.6	125.6
166	144.3	91.3	169.5

