

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022431.D
 Acq On : 30 Sep 2021 14:54
 Operator : SY/MD
 Sample : M3978-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A35

Quant Time: Oct 01 02:42:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 02:38:11 2021
 Response via : Initial Calibration

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

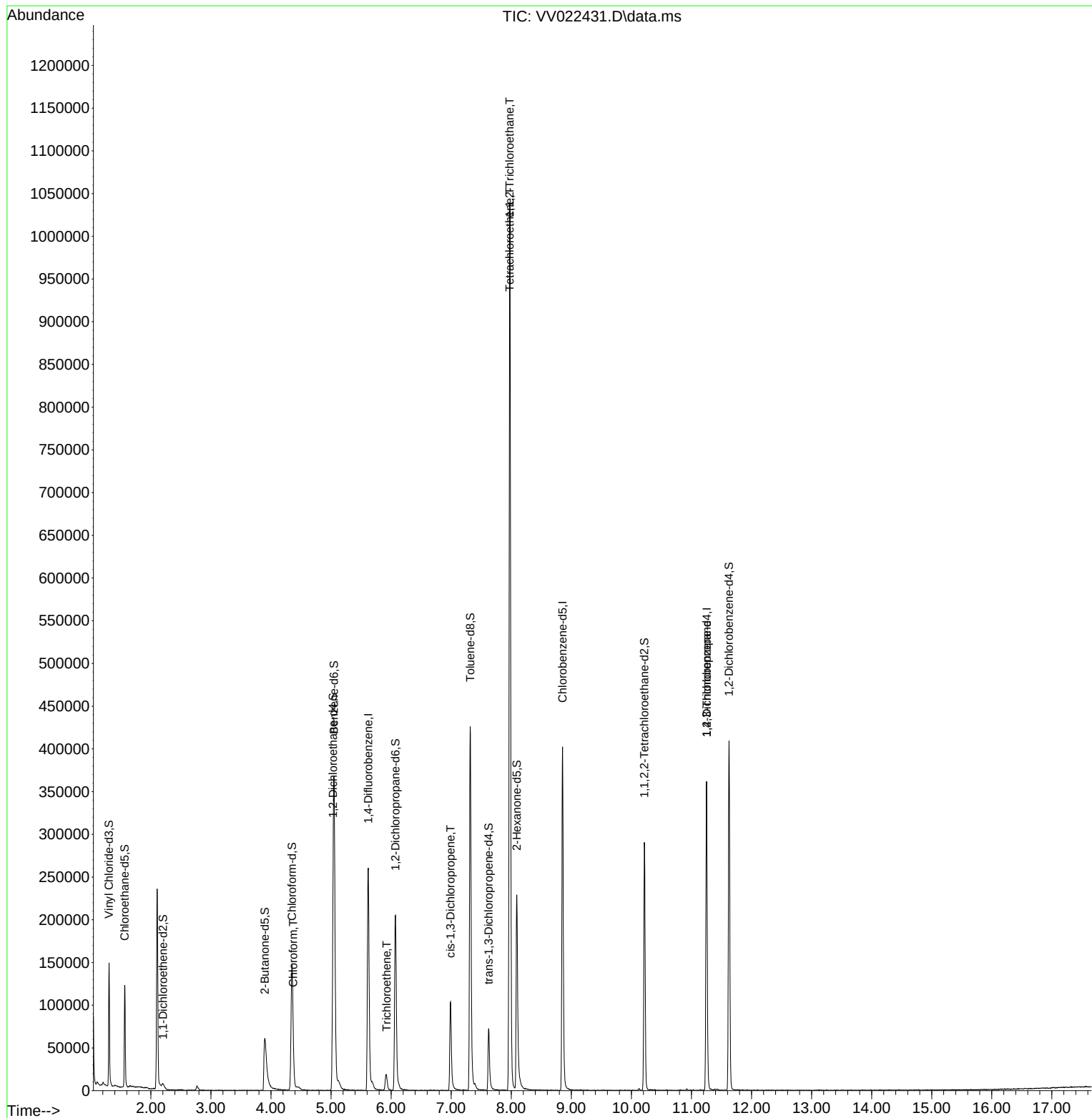
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	232773	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	230909	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	99364	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	91755	46.448	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.900%
7) Chloroethane-d5	1.564	69	72792	46.588	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.180%
11) 1,1-Dichloroethene-d2	2.201	63	4366	1.271	ug/L	0.10
Spiked Amount	50.000	Range	60 - 125	Recovery	=	2.540%#
21) 2-Butanone-d5	3.895	46	126458	90.707	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.710%
24) Chloroform-d	4.349	84	151178	42.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.760%
26) 1,2-Dichloroethane-d4	5.034	65	95958	43.867	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.740%
32) Benzene-d6	5.050	84	321921	44.316	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.640%
36) 1,2-Dichloropropane-d6	6.072	67	105401	45.354	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.700%
41) Toluene-d8	7.316	98	294460	44.287	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.580%
43) trans-1,3-Dichloroprop...	7.625	79	42893	40.419	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.840%
47) 2-Hexanone-d5	8.091	63	83850	88.795	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.800%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	138746	41.129	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.260%
66) 1,2-Dichlorobenzene-d4	11.625	152	110279	49.912	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.820%
Target Compounds						
					Qvalue	
25) Chloroform	4.371	83	3755	1.144	ug/L	89
34) Trichloroethene	5.924	95	5017	2.768	ug/L	96
39) cis-1,3-Dichloropropene	6.989	75	2874	1.080	ug/L	87
45) 1,1,2-Trichloroethane	7.972	97	1913	1.039	ug/L #	1
46) Tetrachloroethene	7.976	164	240721	161.328	ug/L	97
61) 1,2,3-Trichloropropane	11.252	75	10991	5.929	ug/L #	65

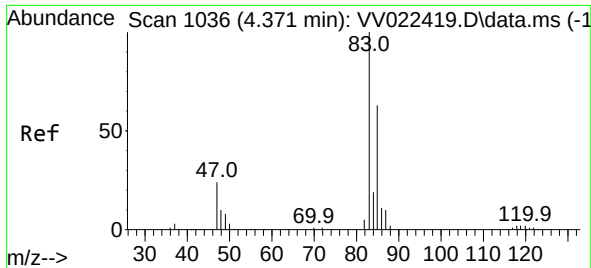
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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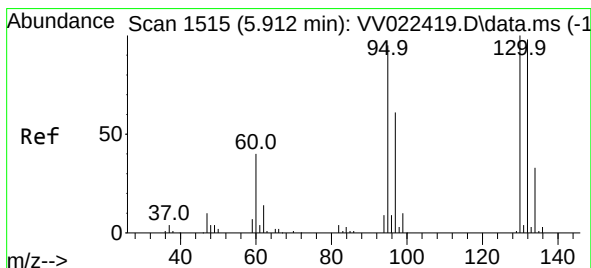
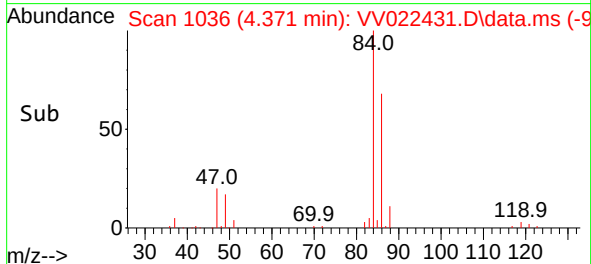
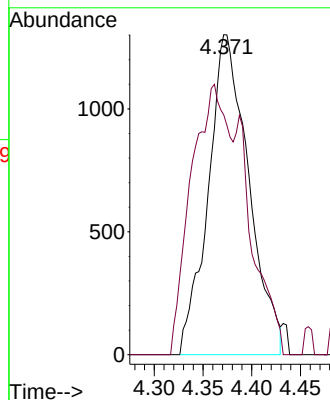
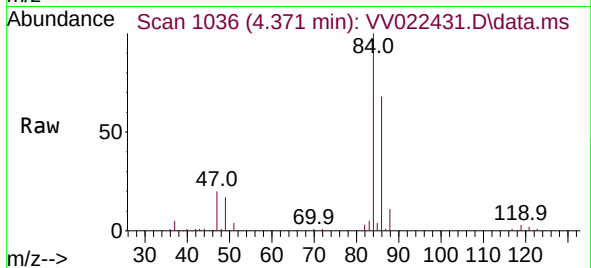


#25

Chloroform
Concen: 1.144 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VV022431.D
Acq: 30 Sep 2021 14:54

Instrument :
MSVOA_V
ClientSampled :
F4A35

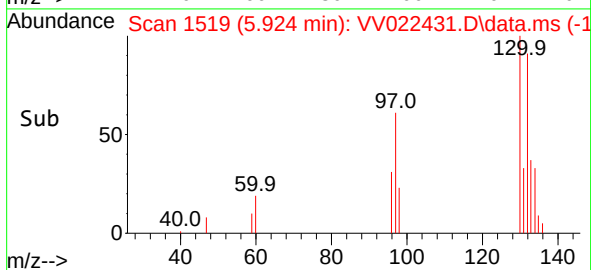
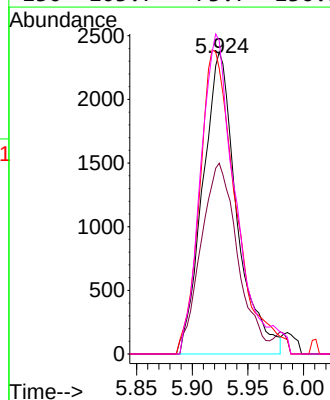
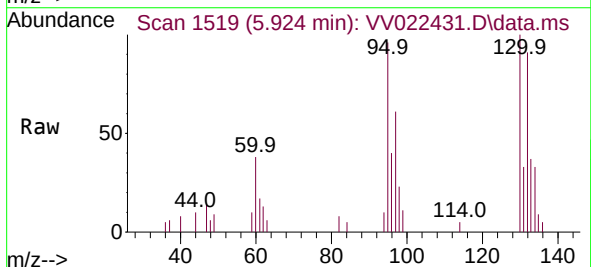
Tgt Ion: 83 Resp: 3755
Ion Ratio Lower Upper
83 100
85 75.0 46.5 86.3

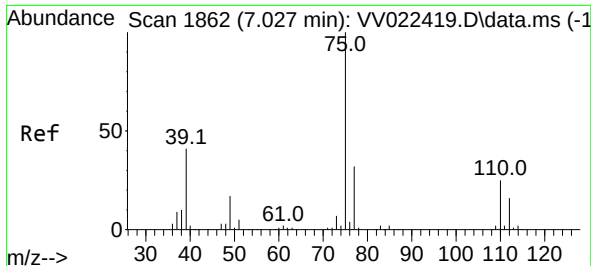


#34

Trichloroethene
Concen: 2.768 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.013 min
Lab File: VV022431.D
Acq: 30 Sep 2021 14:54

Tgt Ion: 95 Resp: 5017
Ion Ratio Lower Upper
95 100
97 63.2 45.2 84.0
132 94.6 71.0 131.8
130 103.7 73.7 136.9



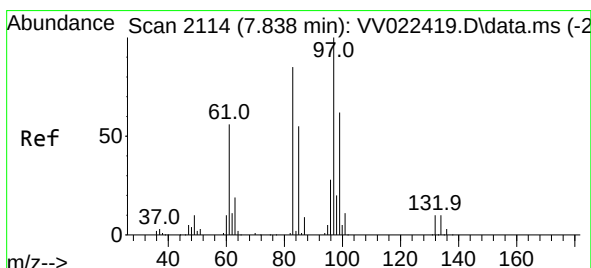
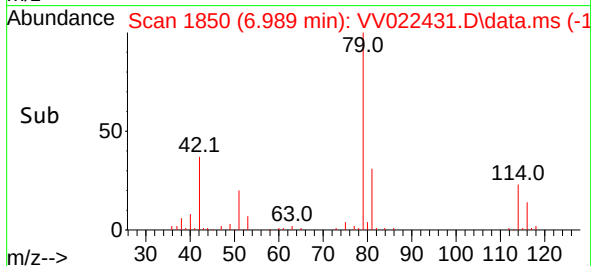
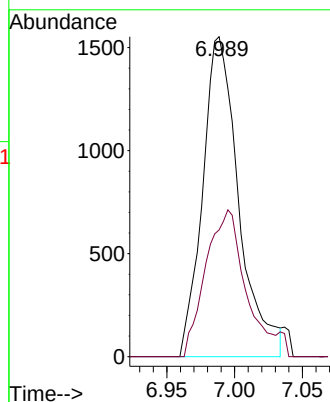
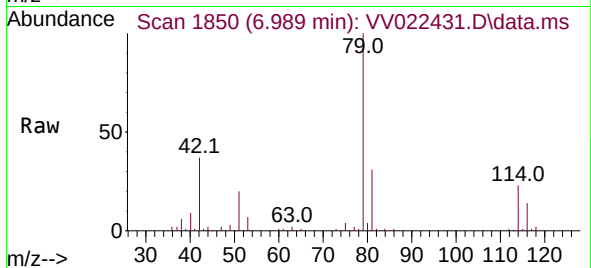


#39

cis-1,3-Dichloropropene
Concen: 1.080 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022431.D
Acq: 30 Sep 2021 14:54

Instrument :
MSVOA_V
ClientSampled :
F4A35

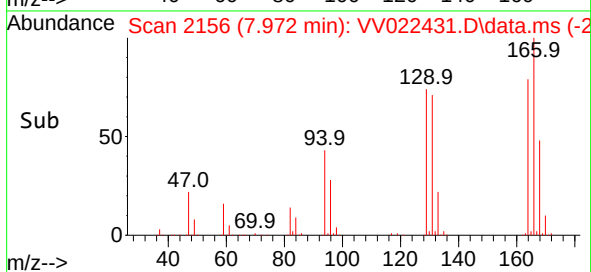
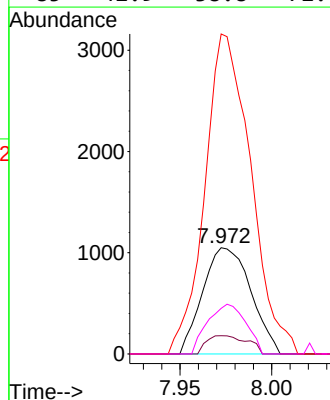
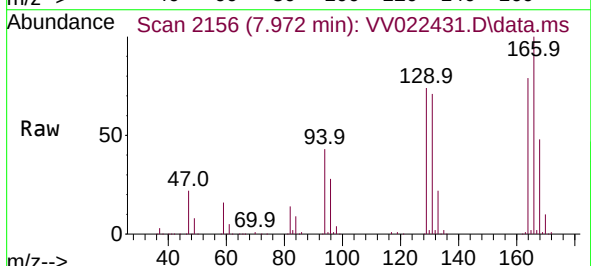
Tgt Ion: 75 Resp: 2874
Ion Ratio Lower Upper
75 100
77 39.6 22.7 42.1

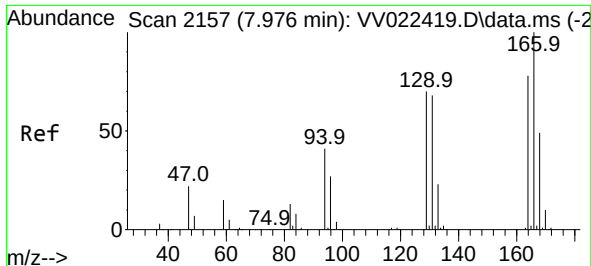


#45

1,1,2-Trichloroethane
Concen: 1.039 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.135 min
Lab File: VV022431.D
Acq: 30 Sep 2021 14:54

Tgt Ion: 97 Resp: 1913
Ion Ratio Lower Upper
97 100
99 17.2 44.6 82.8#
83 301.3 59.8 111.1#
85 42.9 38.8 72.0



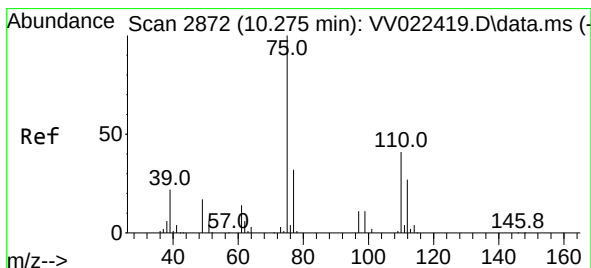
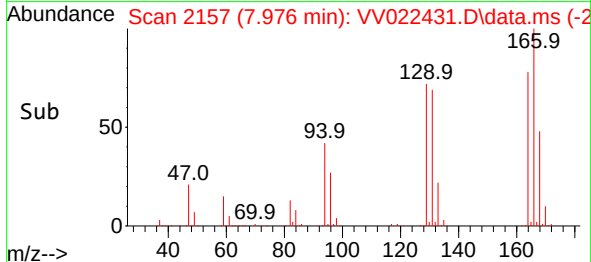
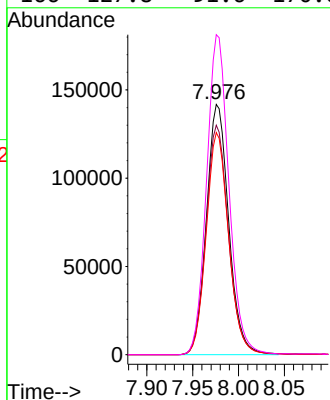
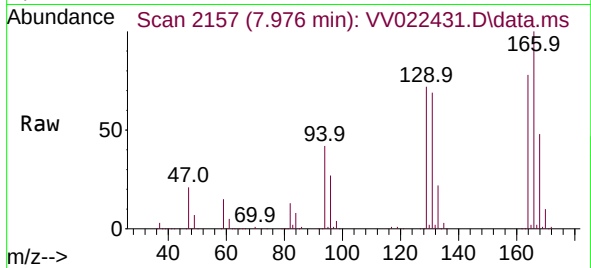


#46
Tetrachloroethene
Concen: 161.328 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022431.D
Acq: 30 Sep 2021 14:54

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MSVOA_V
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Tgt Ion:164 Resp: 240721

Ion	Ratio	Lower	Upper
164	100		
129	91.7	66.4	123.4
131	88.7	63.6	118.0
166	127.8	91.6	170.0



#61
1,2,3-Trichloropropane
Concen: 5.929 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV022431.D
Acq: 30 Sep 2021 14:54

Tgt Ion: 75 Resp: 10991

Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.4	38.0
110	3.0	32.6	48.8#

