

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046130.D
 Acq On : 07 Dec 2021 11:16
 Operator : SY/MD
 Sample : VU1207WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 04:52:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

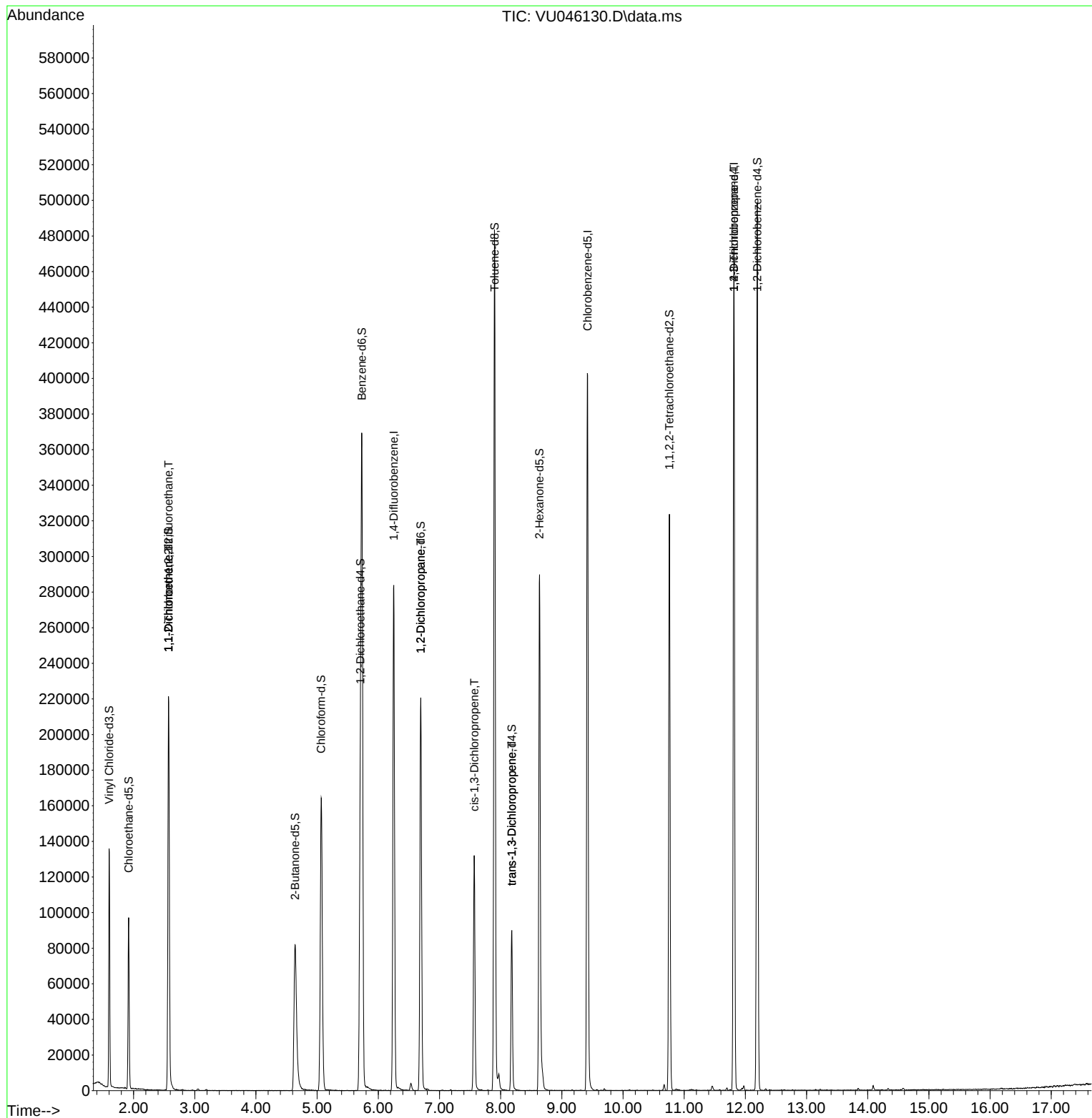
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	241502	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	238091	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	125471	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	94279	47.391	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.780%		
7) Chloroethane-d5	1.919	69	70143	45.922	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.840%		
11) 1,1-Dichloroethene-d2	2.572	63	131844	36.918	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.840%		
21) 2-Butanone-d5	4.639	46	151619	95.873	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.870%		
24) Chloroform-d	5.067	84	156710	47.171	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.340%		
26) 1,2-Dichloroethane-d4	5.706	65	108152	48.509	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.020%		
32) Benzene-d6	5.732	84	354556	51.956	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.920%		
36) 1,2-Dichloropropane-d6	6.694	67	106399	50.309	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.620%		
41) Toluene-d8	7.899	98	329250	52.991	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.980%		
43) trans-1,3-Dichloroprop...	8.182	79	52501	51.424	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	102.840%		
47) 2-Hexanone-d5	8.632	63	107957	107.660	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.660%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	157624	49.145	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.280%		
66) 1,2-Dichlorobenzene-d4	12.195	152	131090	54.251	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.500%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1169	0.665	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	1066	0.638	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	11109	5.885	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	3160	1.100	ug/L #	69
44) trans-1,3-Dichloropropene	8.182	75	2359	0.836	ug/L	87
60) 1,2,3-Trichloropropane	11.812	75	14547	5.289	ug/L #	66

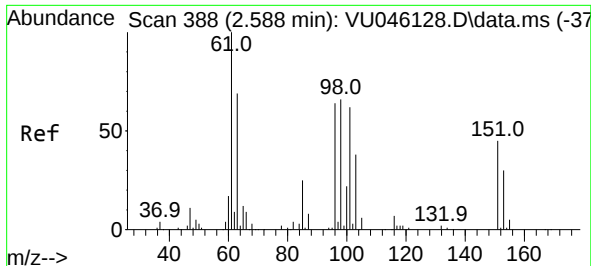
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

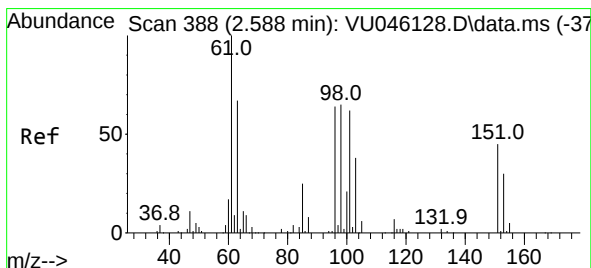
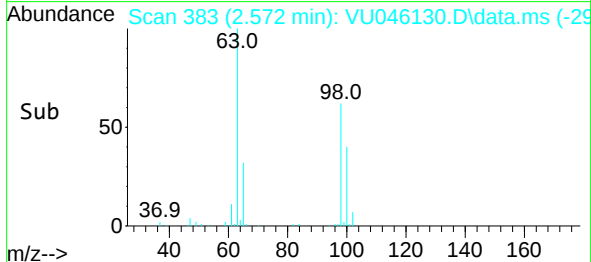
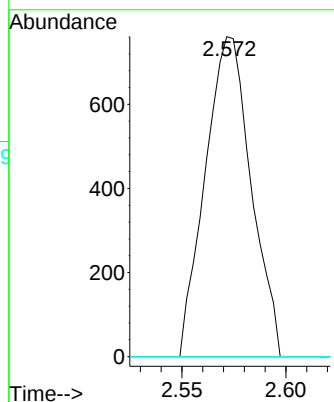
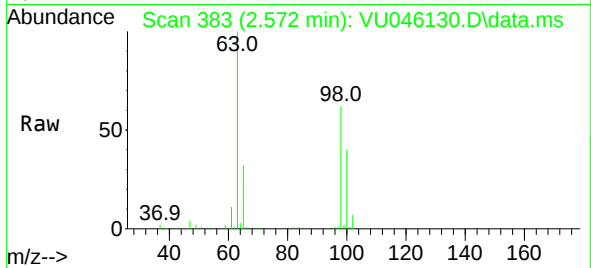




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.665 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046130.D
Acq: 07 Dec 2021 11:16

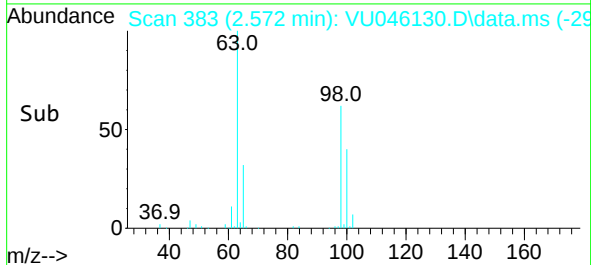
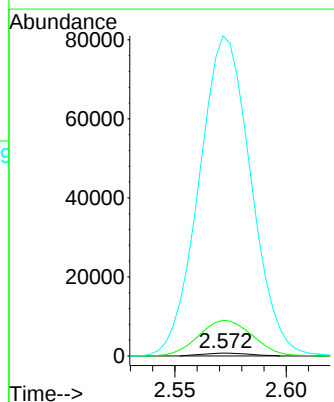
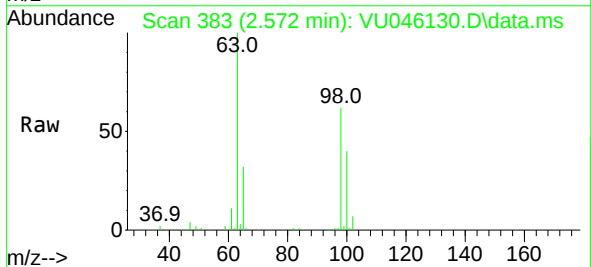
Instrument :
MSVOA_U
ClientSampleId :

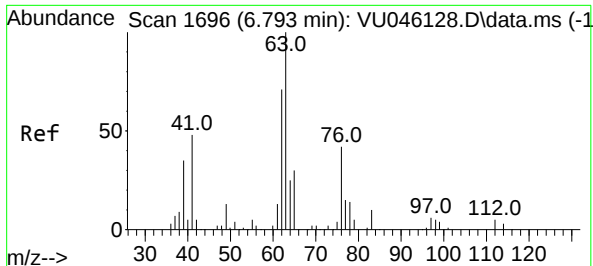
Tgt Ion:101 Resp: 1169
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.638 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU046130.D
Acq: 07 Dec 2021 11:16

Tgt Ion: 96 Resp: 1066
Ion Ratio Lower Upper
96 100
61 1250.4 118.6 220.2#
63 11215.5 93.0 172.8#





#37

1,2-Dichloropropane

Concen: 5.885 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046130.D

Acq: 07 Dec 2021 11:16

Instrument :

MSVOA_U

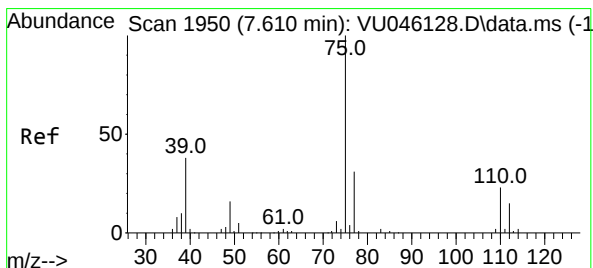
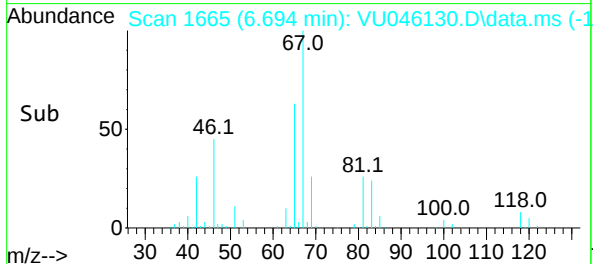
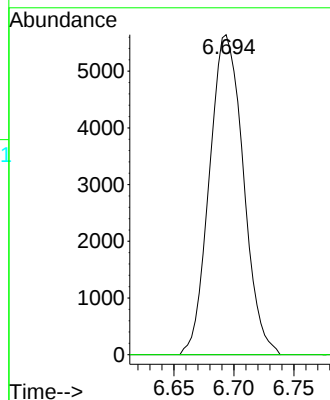
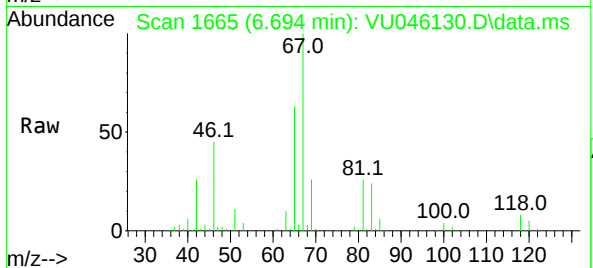
ClientSampleId :

Tgt Ion: 63 Resp: 11109

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.100 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046130.D

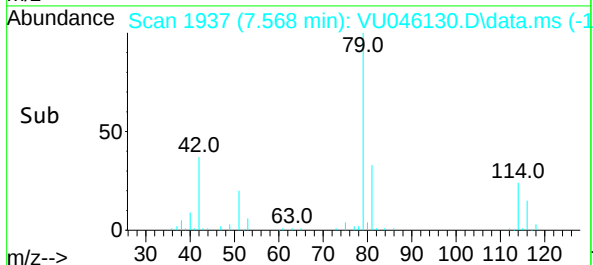
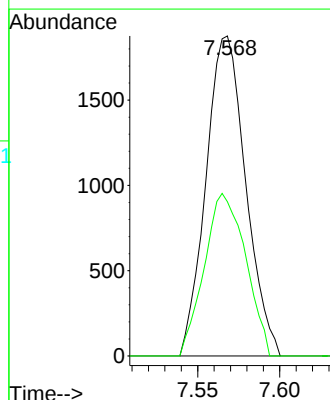
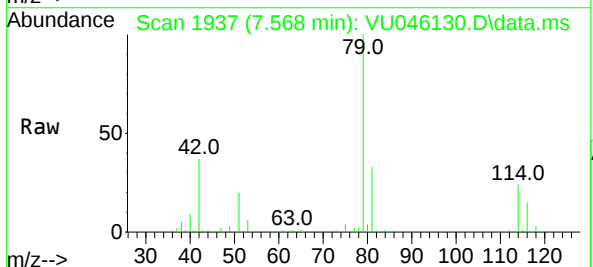
Acq: 07 Dec 2021 11:16

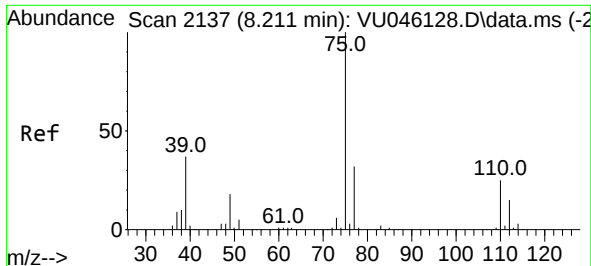
Tgt Ion: 75 Resp: 3160

Ion Ratio Lower Upper

75 100

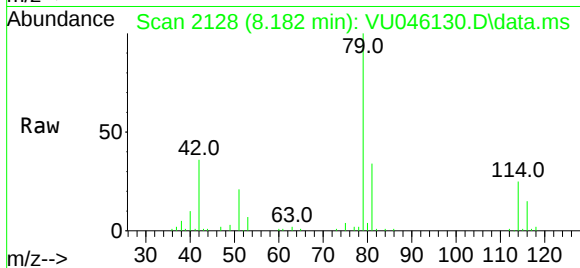
77 48.2 21.8 40.6#



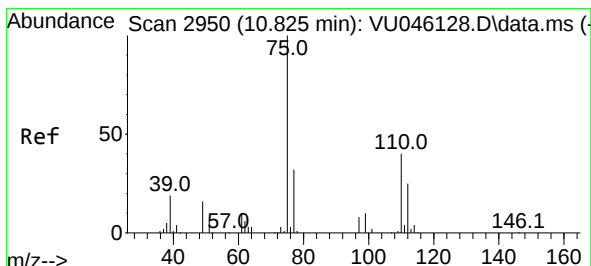
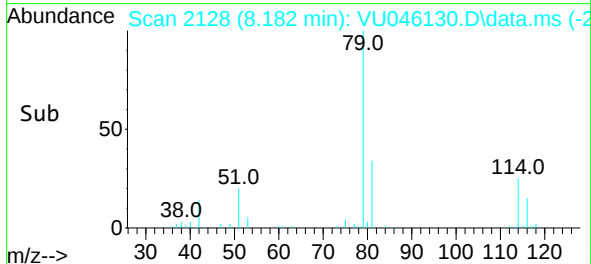
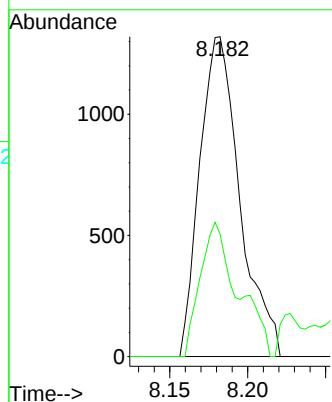


#44
trans-1,3-Dichloropropene
Concen: 0.836 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU046130.D
Acq: 07 Dec 2021 11:16

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 2359
Ion Ratio Lower Upper
75 100
77 38.3 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 5.289 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046130.D
Acq: 07 Dec 2021 11:16

Tgt Ion: 75 Resp: 14547
Ion Ratio Lower Upper
75 100
77 32.1 26.4 39.6
110 2.7 32.4 48.6#

