

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055842.D
 Acq On : 20 Oct 2023 19:04
 Operator : MD/SY
 Sample : 04947-07 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 01:10:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

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

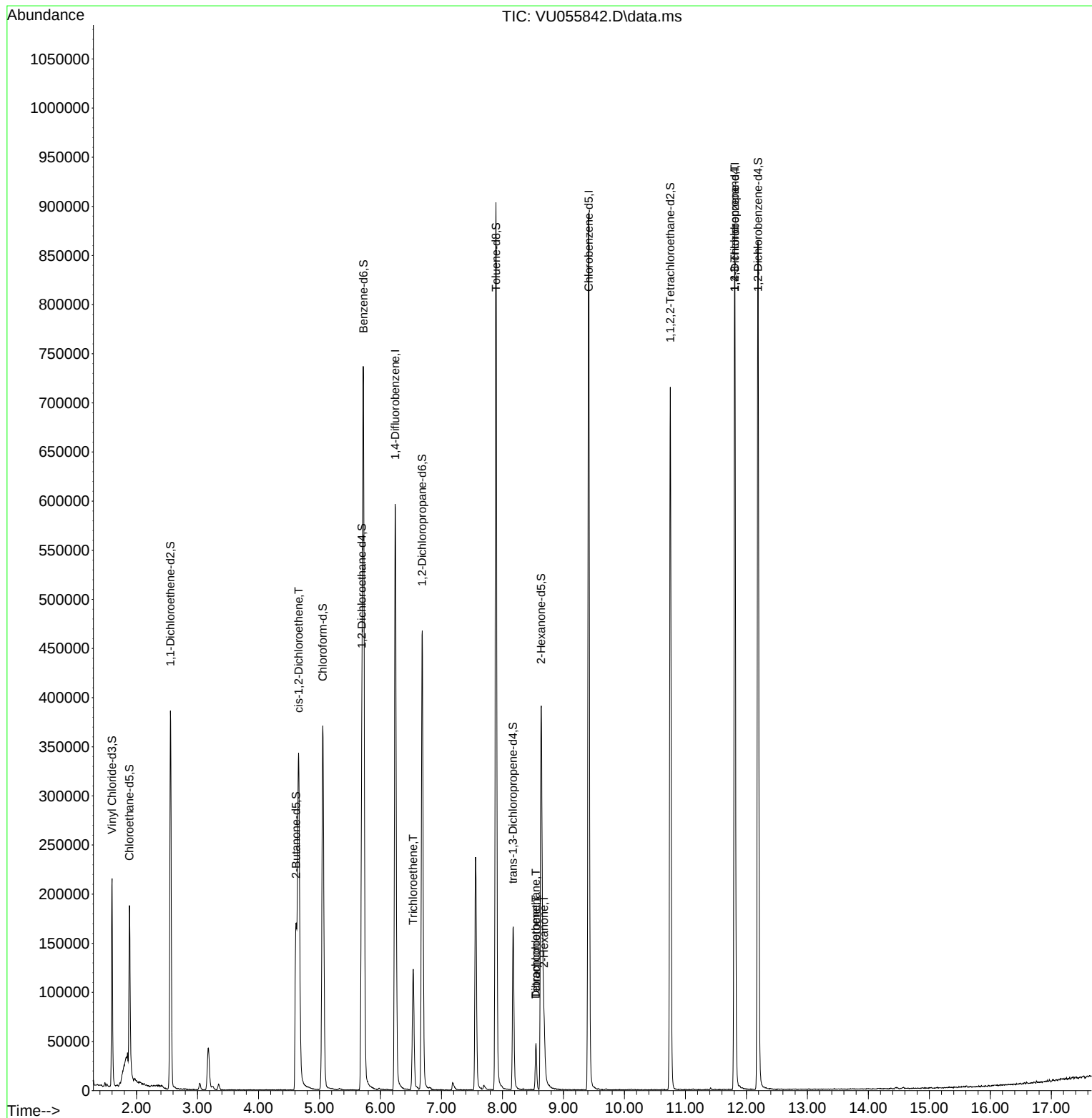
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	489431	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	499043	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	234513	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	156745	35.705	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.400%
7) Chloroethane-d5	1.885	69	142807	39.796	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.557	63	234259	29.927	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.860%#
21) 2-Butanone-d5	4.615	46	264668	81.363	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.360%
24) Chloroform-d	5.055	84	349820	41.566	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.140%
26) 1,2-Dichloroethane-d4	5.695	65	235472	45.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.920%
32) Benzene-d6	5.721	84	685184	42.912	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.820%
36) 1,2-Dichloropropane-d6	6.685	67	225608	44.632	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.260%
41) Toluene-d8	7.894	98	600097	41.622	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.240%
43) trans-1,3-Dichloroprop...	8.174	79	96532	39.755	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.500%
47) 2-Hexanone-d5	8.634	63	129427	65.130	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	65.130%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	357643	45.966	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.940%
66) 1,2-Dichlorobenzene-d4	12.190	152	234757	50.444	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.880%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.660	96	166759	41.181	ug/L	98
34) Trichloroethene	6.537	95	39345	9.115	ug/L	98
46) Tetrachloroethene	8.550	164	9491	3.071	ug/L	86
48) 2-Hexanone	8.682	43	28301	5.544	ug/L #	84
49) Dibromochloromethane	8.550	129	10233	2.338	ug/L #	11
60) 1,2,3-Trichloropropane	11.807	75	28847	5.668	ug/L #	67

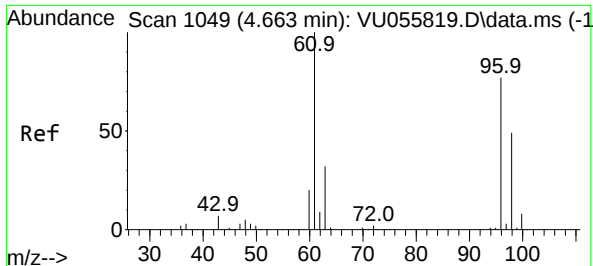
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Oct 23 01:04:15 2023
Response via : Initial Calibration

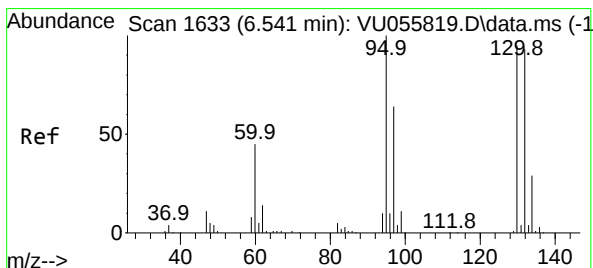
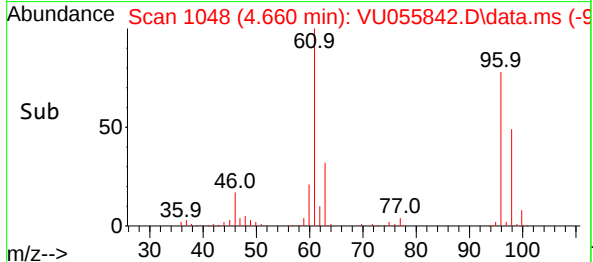
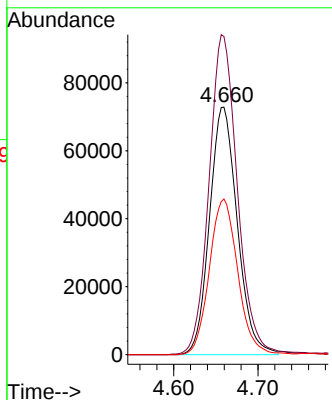
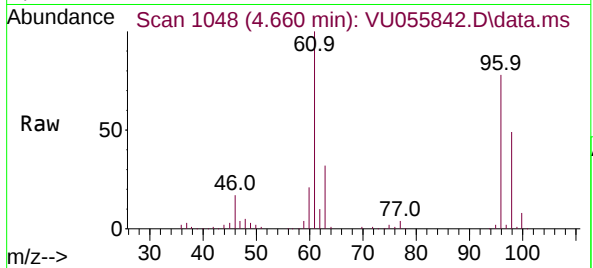




#20
 cis-1,2-Dichloroethene
 Concen: 41.181 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.003 min
 Lab File: VU055842.D
 Acq: 20 Oct 2023 19:04

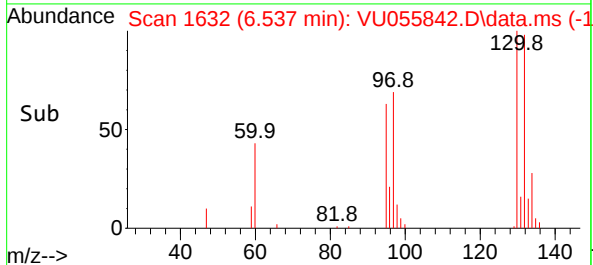
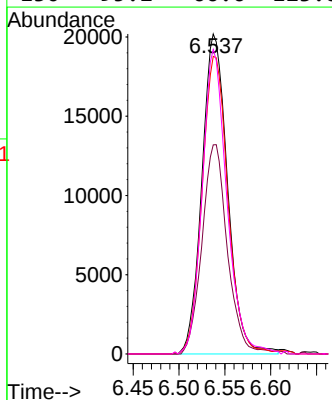
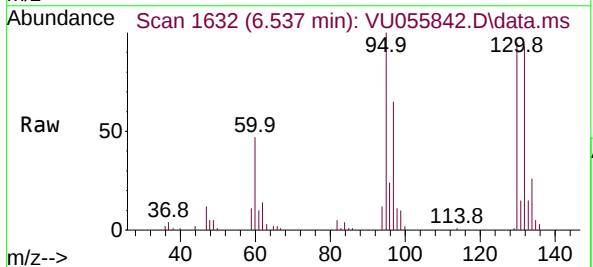
Instrument :
 MSVOA_U
 ClientSampleId :

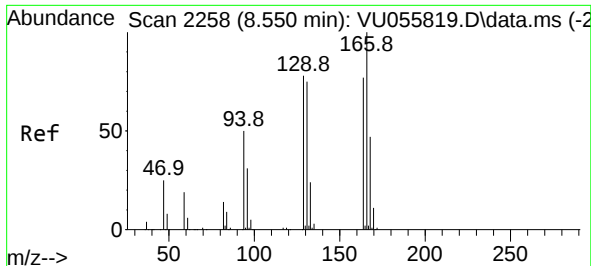
Tgt Ion: 96 Resp: 166759
 Ion Ratio Lower Upper
 96 100
 61 128.6 92.3 171.5
 98 62.9 43.9 81.5



#34
 Trichloroethene
 Concen: 9.115 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. -0.003 min
 Lab File: VU055842.D
 Acq: 20 Oct 2023 19:04

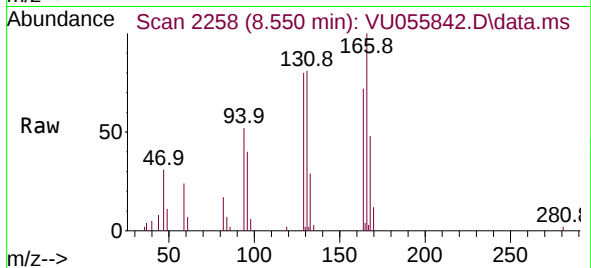
Tgt Ion: 95 Resp: 39345
 Ion Ratio Lower Upper
 95 100
 97 65.4 44.4 82.5
 132 93.0 61.8 114.8
 130 95.2 66.6 123.8



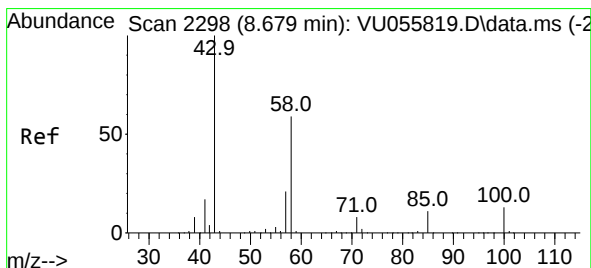
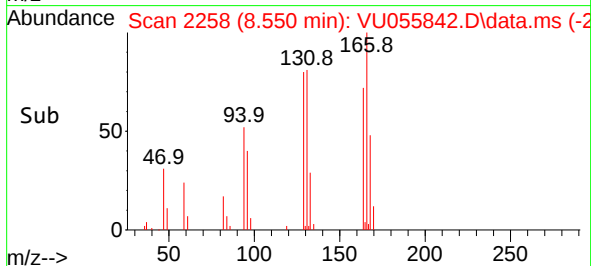
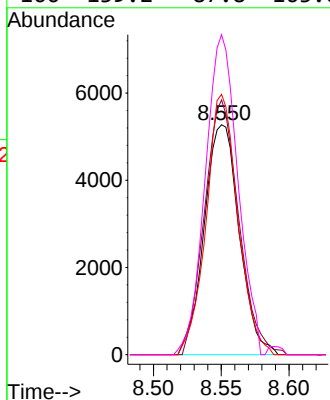


#46
Tetrachloroethene
Concen: 3.071 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055842.D
Acq: 20 Oct 2023 19:04

Instrument :
MSVOA_U
ClientSampleId :

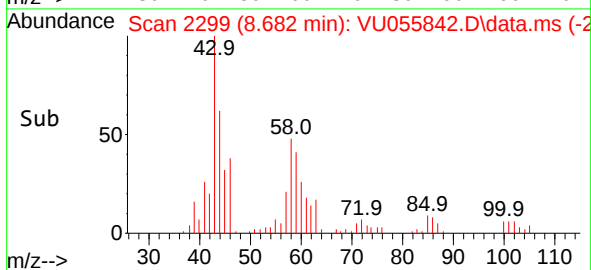
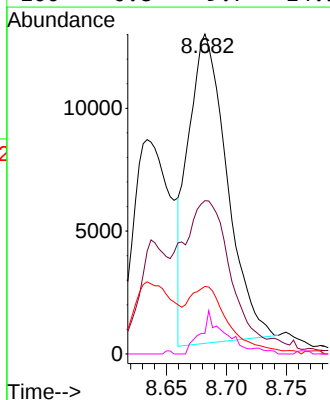
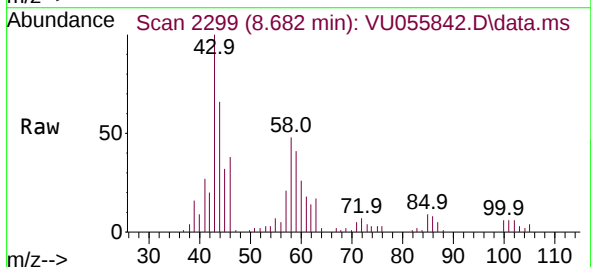


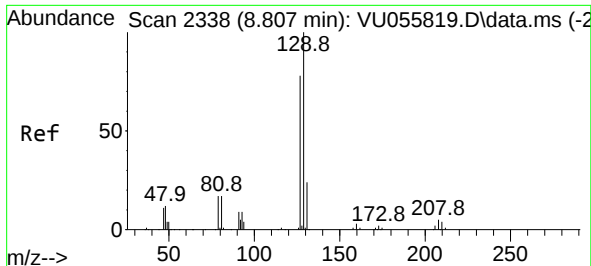
Tgt Ion:	164	Resp:	9491
Ion	Ratio	Lower	Upper
164	100		
129	110.8	70.7	131.3
131	113.2	65.9	122.5
166	139.2	87.8	163.0



#48
2-Hexanone
Concen: 5.544 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU055842.D
Acq: 20 Oct 2023 19:04

Tgt Ion:	43	Resp:	28301
Ion	Ratio	Lower	Upper
43	100		
58	44.5	45.2	67.8#
57	22.7	16.1	24.1
100	0.8	9.7	14.5#





#49

Dibromochloromethane

Concen: 2.338 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU055842.D

Acq: 20 Oct 2023 19:04

Instrument :

MSVOA_U

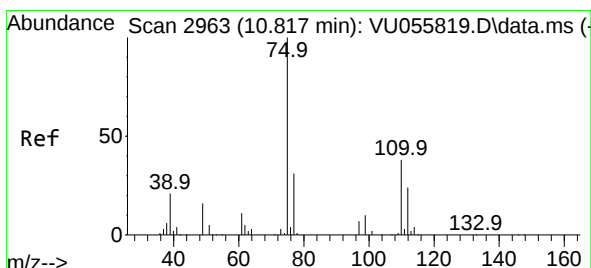
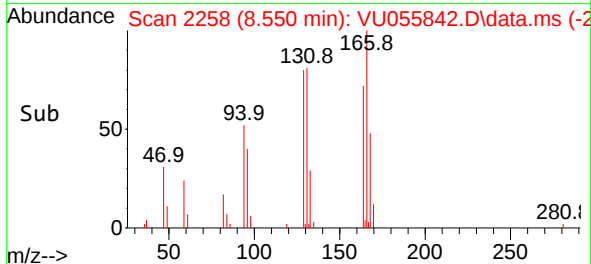
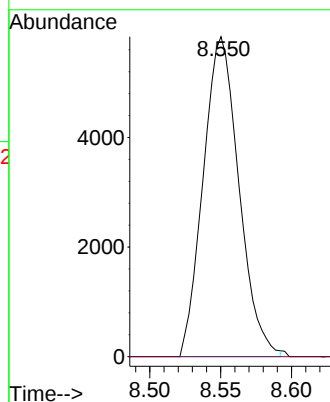
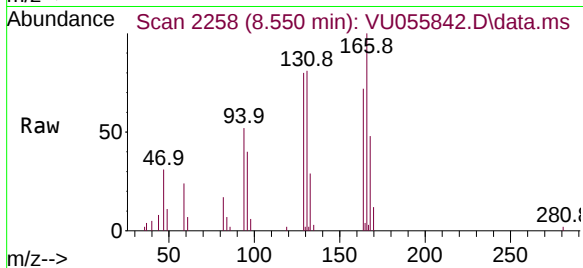
ClientSampleId :

Tgt Ion:129 Resp: 10233

Ion Ratio Lower Upper

129 100

127 0.0 54.0 100.4#



#60

1,2,3-Trichloropropane

Concen: 5.668 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU055842.D

Acq: 20 Oct 2023 19:04

Tgt Ion: 75 Resp: 28847

Ion Ratio Lower Upper

75 100

77 36.2 25.8 38.8

110 2.2 28.5 42.7#

