

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055955.D
 Acq On : 28 Oct 2023 05:19
 Operator : MD/SY
 Sample : 05113-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 28 05:57:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

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

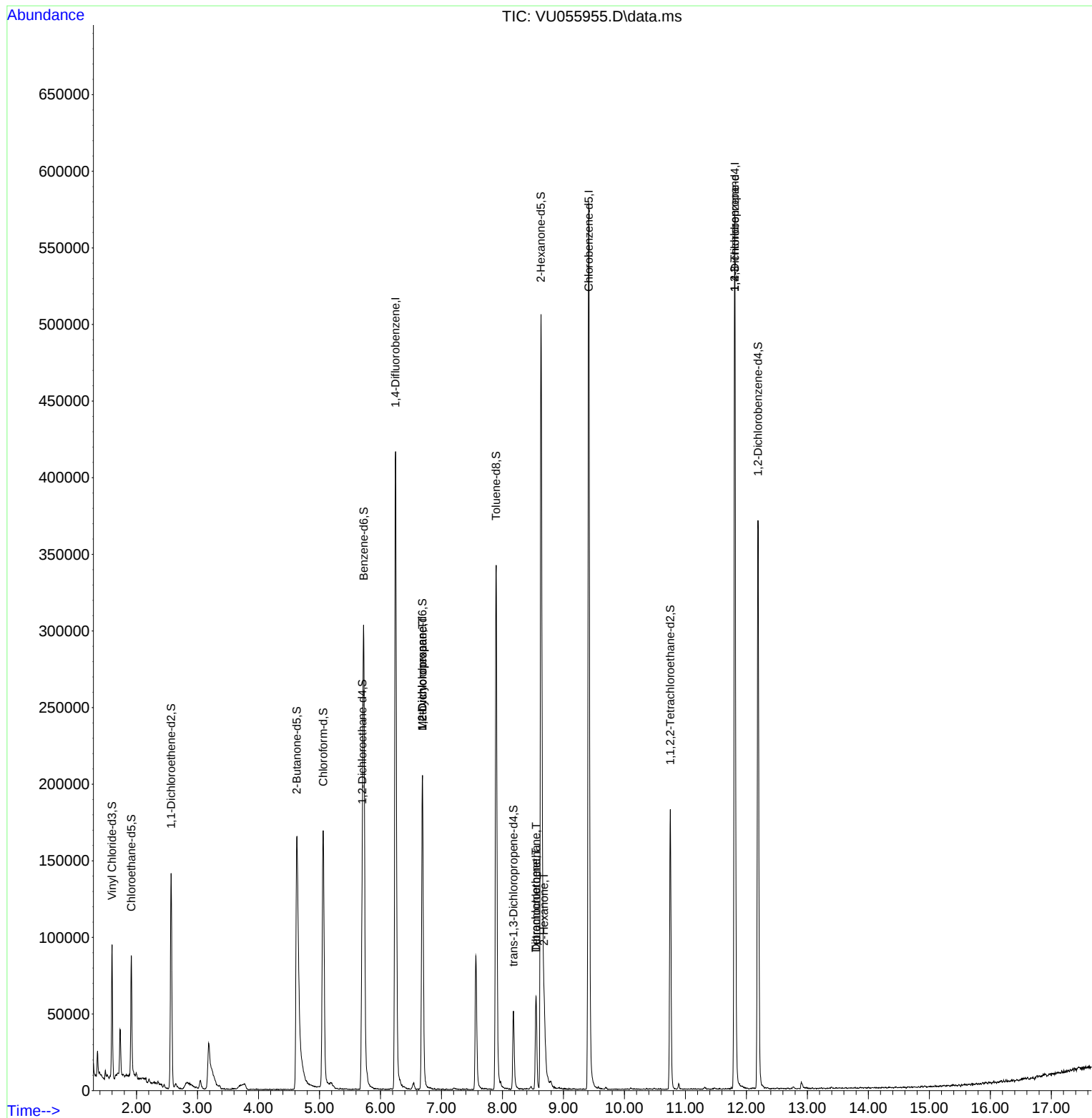
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	358775	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	350820	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	162740	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	59049	2.081	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	41.600%
7) Chloroethane-d5	1.914	69	59288	2.680	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	53.600%#
11) 1,1-Dichloroethene-d2	2.566	65	26883	2.231	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.600%#
20) 2-Butanone-d5	4.627	46	244649	48.320	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.640%
24) Chloroform-d	5.061	84	167441	3.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.600%#
26) 1,2-Dichloroethane-d4	5.701	65	82808	3.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.600%#
32) Benzene-d6	5.724	84	302080	2.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	57.800%#
36) 1,2-Dichloropropane-d6	6.688	67	104371	3.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	67.400%
41) Toluene-d8	7.897	98	244254	2.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	51.600%#
43) trans-1,3-Dichloroprop...	8.180	79	32406	2.675	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	53.400%#
46) 2-Hexanone-d5	8.630	63	182255	59.257	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.520%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93045	4.124	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	102434	3.374	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	67.400%#
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.688	83	24820	0.849	ug/L #	18
37) 1,2-Dichloropropane	6.688	63	11488	0.559	ug/L #	89
47) Tetrachloroethene	8.550	164	14590	0.962	ug/L	92
48) 2-Hexanone	8.682	43	21376	2.744	ug/L #	79
49) Dibromochloromethane	8.553	129	14321	0.903	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	18575	1.663	ug/L #	64

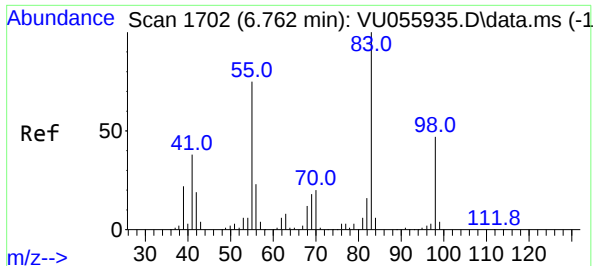
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 25 05:19:13 2023
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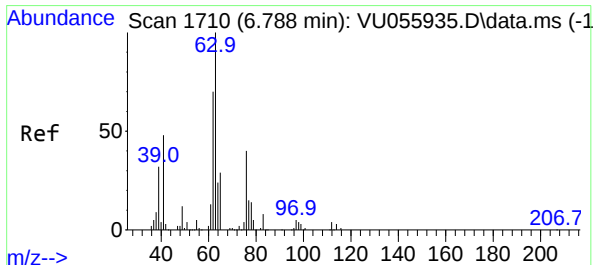
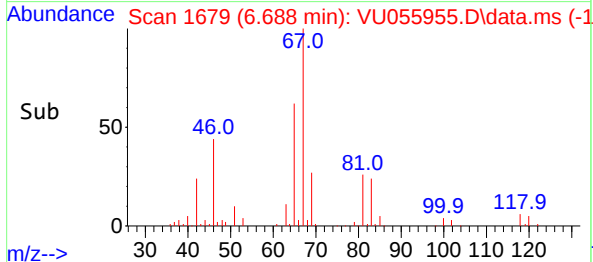
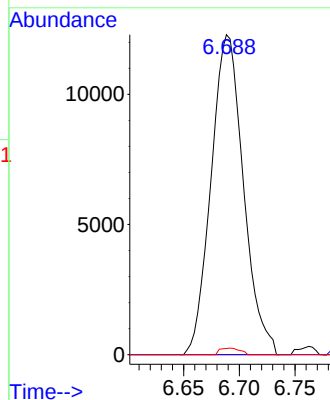
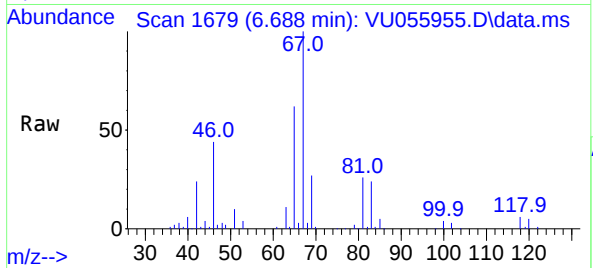




#35
Methylcyclohexane
Concen: 0.849 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055955.D
Acq: 28 Oct 2023 05:19

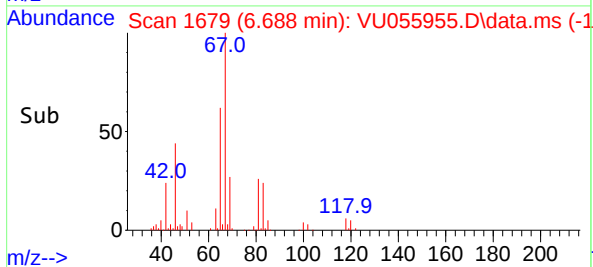
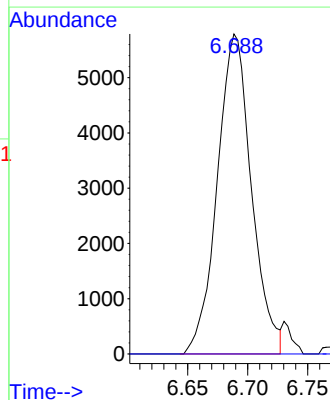
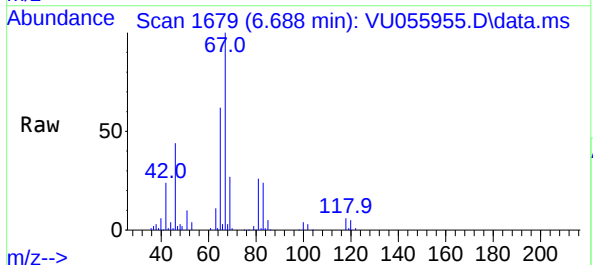
Instrument :
MSVOA_U
ClientSampleId :

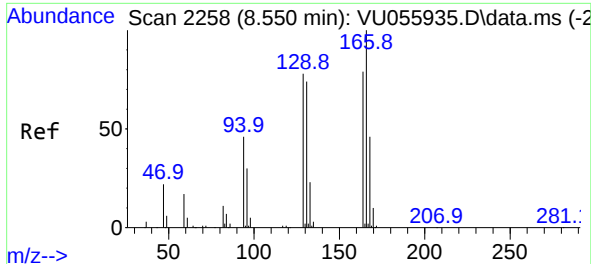
Tgt Ion: 83 Resp: 24820
Ion Ratio Lower Upper
83 100
55 0.2 62.4 93.6#
98 1.3 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.559 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.097 min
Lab File: VU055955.D
Acq: 28 Oct 2023 05:19

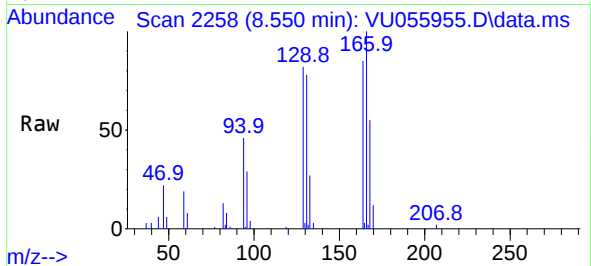
Tgt Ion: 63 Resp: 11488
Ion Ratio Lower Upper
63 100
112 0.4 3.1 4.7#



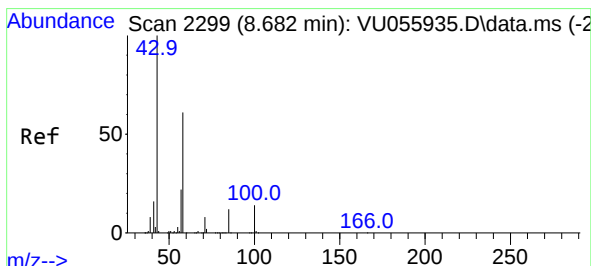
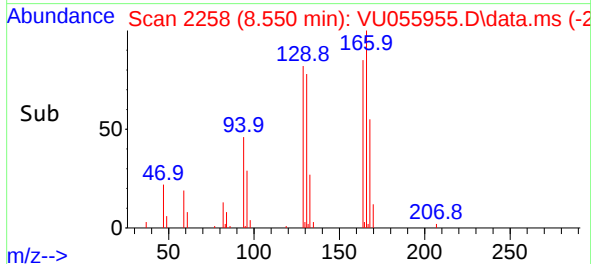
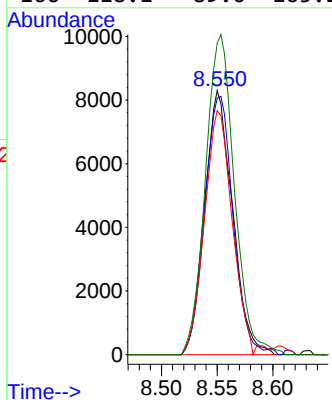


#47
Tetrachloroethene
Concen: 0.962 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055955.D
Acq: 28 Oct 2023 05:19

Instrument :
MSVOA_U
ClientSampleId :

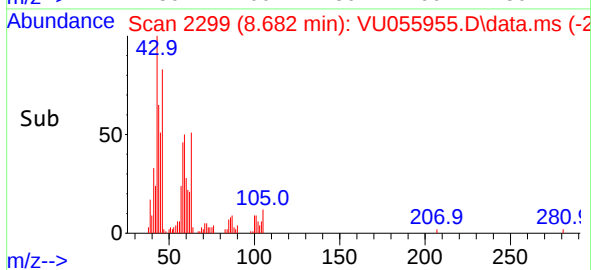
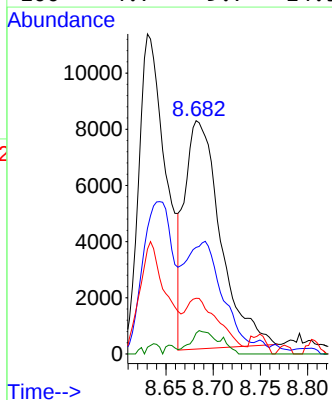
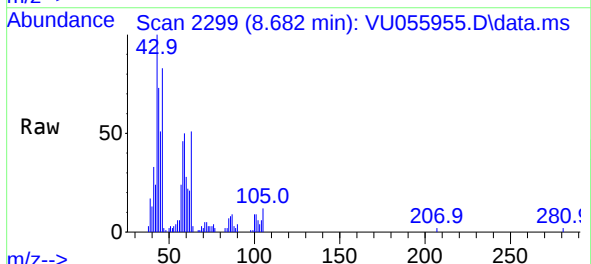


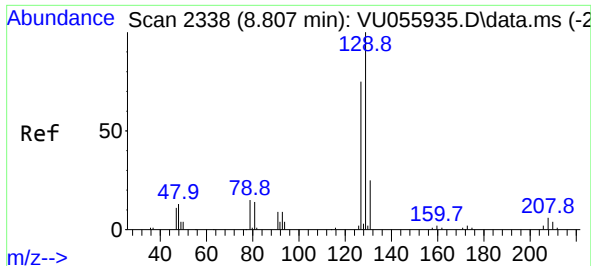
Tgt Ion:164 Resp: 14590
Ion Ratio Lower Upper
164 100
129 97.1 72.2 134.0
131 92.4 70.8 131.6
166 118.1 89.0 165.2



#48
2-Hexanone
Concen: 2.744 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU055955.D
Acq: 28 Oct 2023 05:19

Tgt Ion: 43 Resp: 21376
Ion Ratio Lower Upper
43 100
58 41.3 49.5 74.3#
57 23.2 16.9 25.3
100 4.7 9.7 14.5#





#49

Dibromochloromethane

Concen: 0.903 ug/L

RT: 8.553 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU055955.D

Acq: 28 Oct 2023 05:19

Instrument :

MSVOA_U

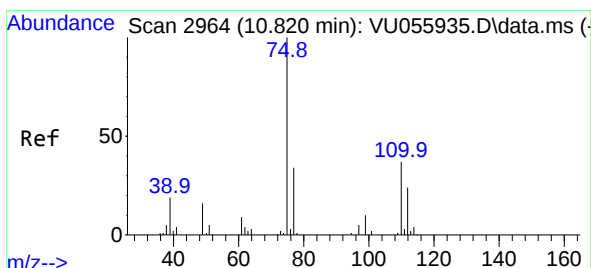
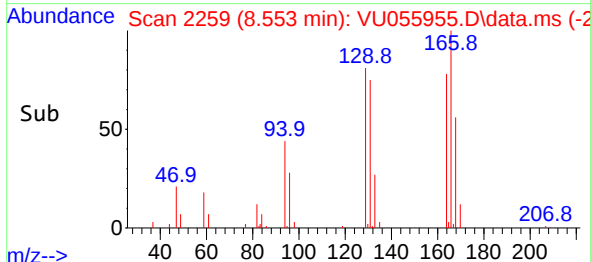
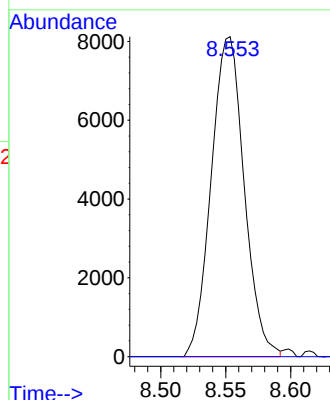
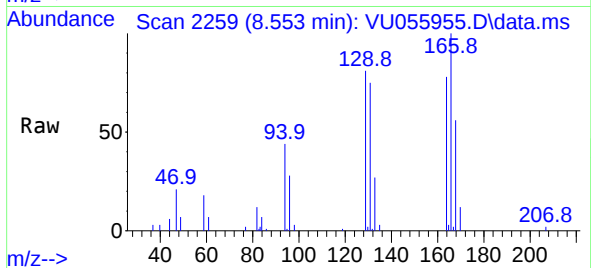
ClientSampleId :

Tgt Ion:129 Resp: 14321

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.663 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU055955.D

Acq: 28 Oct 2023 05:19

Tgt Ion: 75 Resp: 18575

Ion Ratio Lower Upper

75 100

110 1.7 29.0 43.6#

77 35.4 24.5 36.7

