

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
 Data File : VU055632.D
 Acq On : 03 Oct 2023 11:33
 Operator : MD/SY
 Sample : VU1003WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 04 04:41:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 04:40:48 2023
 Response via : Initial Calibration

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

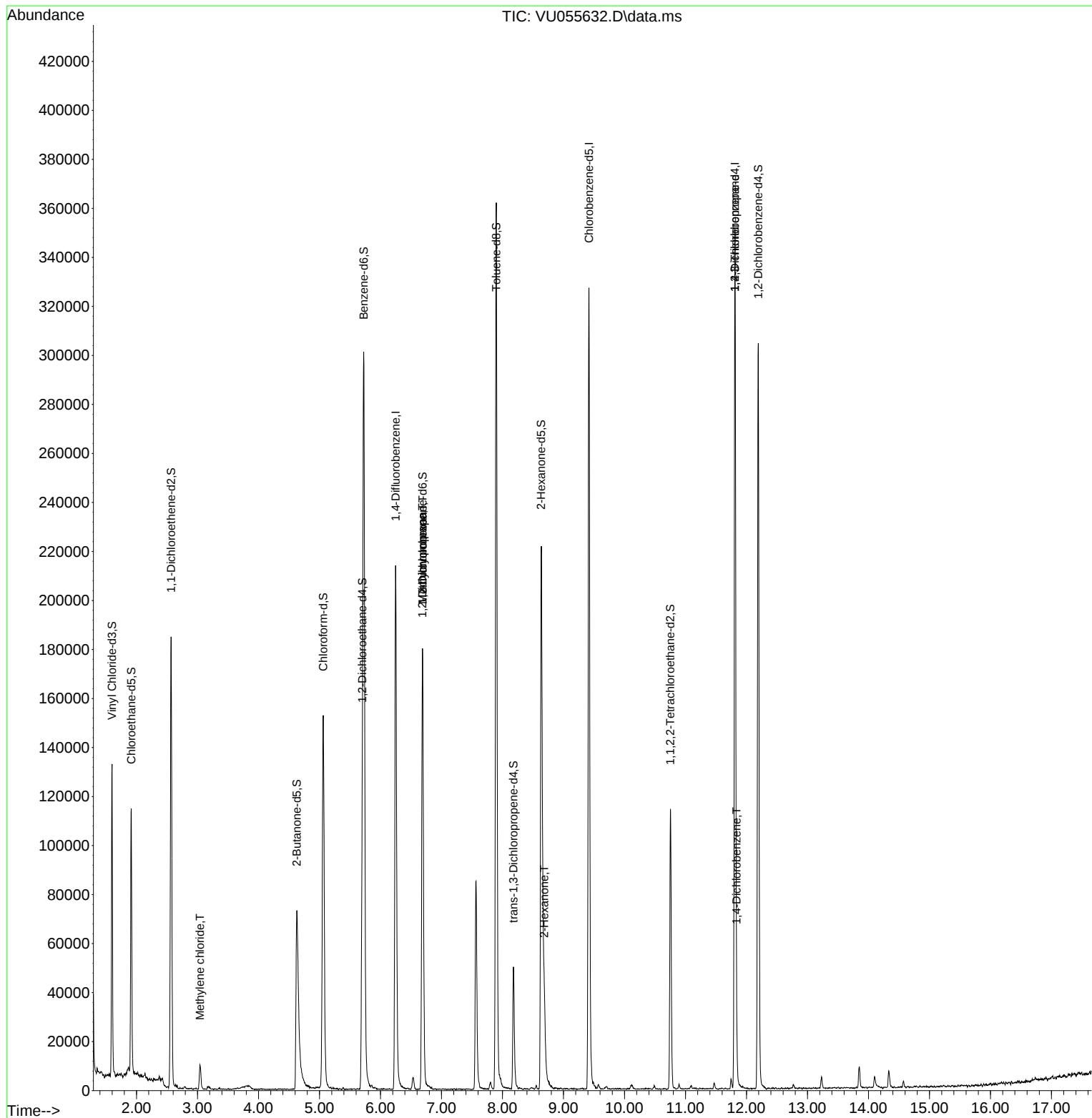
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	180072	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	185572	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	92795	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	88453	4.860	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.200%	
7) Chloroethane-d5	1.914	69	75364	4.699	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.000%	
11) 1,1-Dichloroethene-d2	2.566	65	34329	4.583	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.600%	
20) 2-Butanone-d5	4.627	46	129432	39.373	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	78.740%	
24) Chloroform-d	5.062	84	143127	4.348	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
26) 1,2-Dichloroethane-d4	5.701	65	67635	4.271	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.400%	
32) Benzene-d6	5.727	84	289507	4.460	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
36) 1,2-Dichloropropane-d6	6.688	67	89206	4.600	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.000%	
41) Toluene-d8	7.897	98	254265	4.298	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
43) trans-1,3-Dichloroprop...	8.180	79	29620	4.352	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.634	63	69616	33.628	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	67.260%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	57060	3.926	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	78.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	82351	4.397	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.000%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	4647	0.308	ug/L	91
35) Methylcyclohexane	6.688	83	20400	0.937	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	10147	0.726	ug/L #	90
48) 2-Hexanone	8.685	43	20386	4.151	ug/L #	87
61) 1,2,3-Trichloropropane	11.810	75	14409	1.989	ug/L #	63
65) 1,4-Dichlorobenzene	11.836	146	4383	0.171	ug/L	98

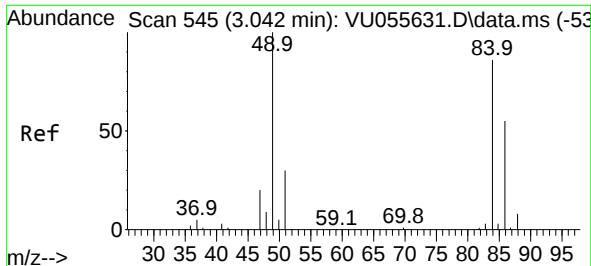
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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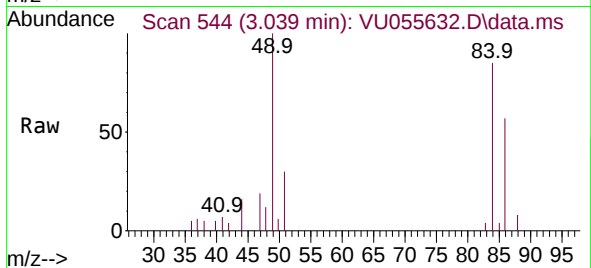
Quant Time: Oct 04 04:41:22 2023
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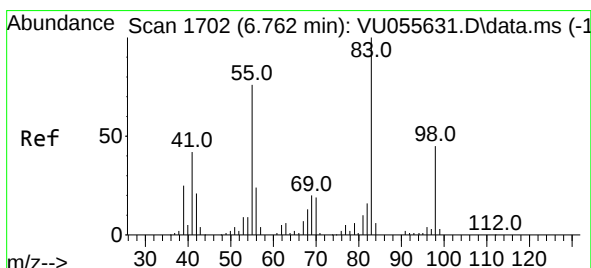
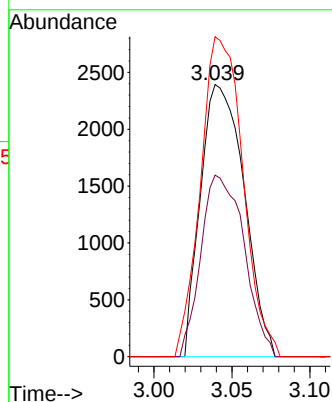
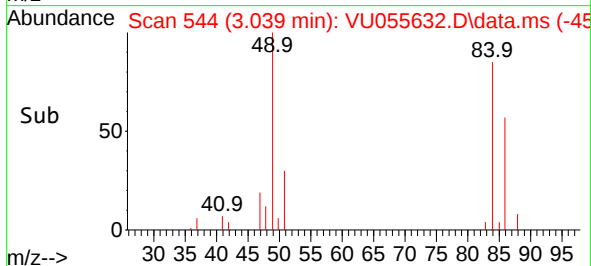


#16
Methylene chloride
Concen: 0.308 ug/L
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU055632.D
Acq: 03 Oct 2023 11:33

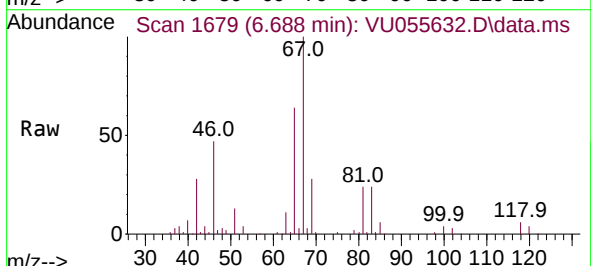
Instrument :
MSVOA_U
ClientSampleId :



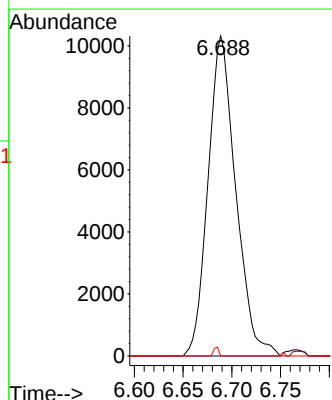
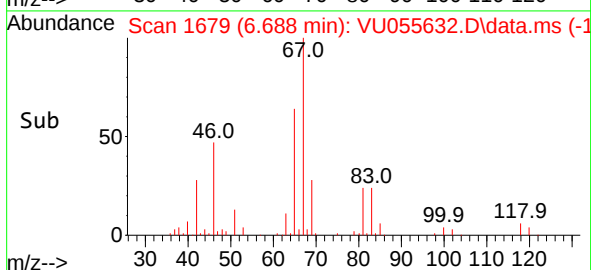
Tgt Ion: 84 Resp: 4647
Ion Ratio Lower Upper
84 100
86 66.7 44.9 83.3
49 124.8 78.8 146.3

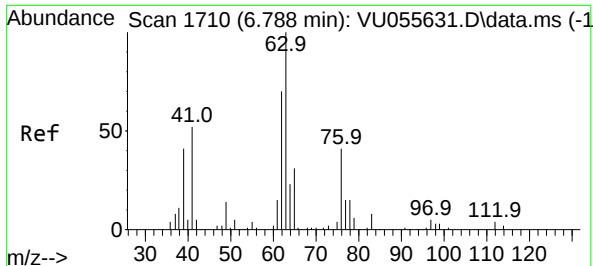


#35
Methylcyclohexane
Concen: 0.937 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055632.D
Acq: 03 Oct 2023 11:33



Tgt Ion: 83 Resp: 20400
Ion Ratio Lower Upper
83 100
55 0.7 59.1 88.7#
98 0.5 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.726 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU055632.D

Acq: 03 Oct 2023 11:33

Instrument :

MSVOA_U

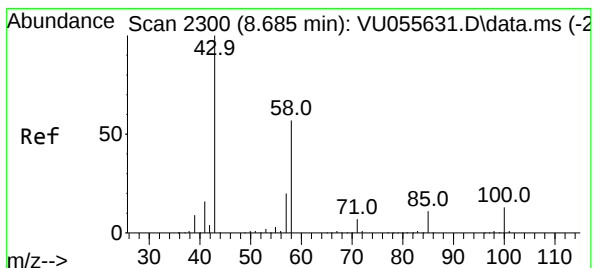
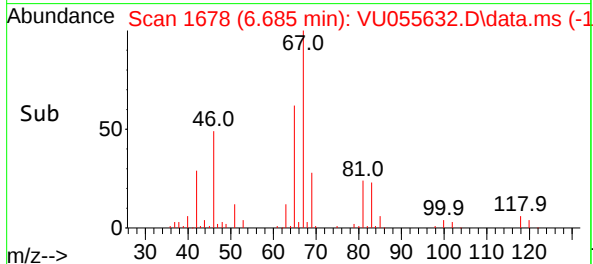
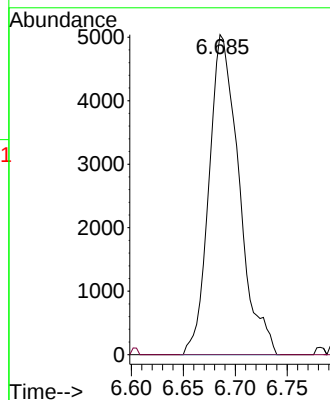
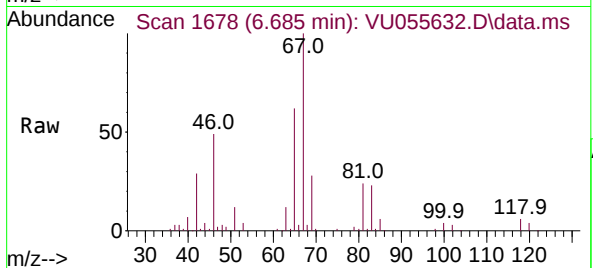
ClientSampleId :

Tgt Ion: 63 Resp: 10147

Ion Ratio Lower Upper

63 100

112 0.4 3.0 4.6#



#48

2-Hexanone

Concen: 4.151 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VU055632.D

Acq: 03 Oct 2023 11:33

Tgt Ion: 43 Resp: 20386

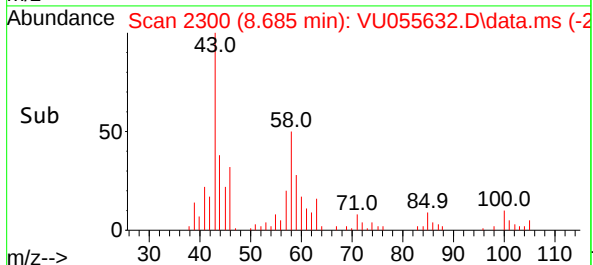
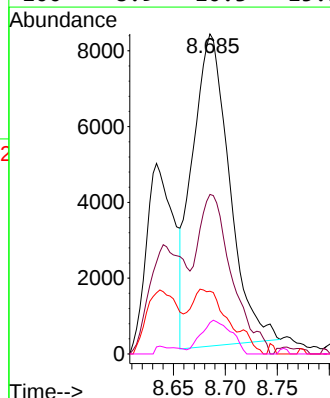
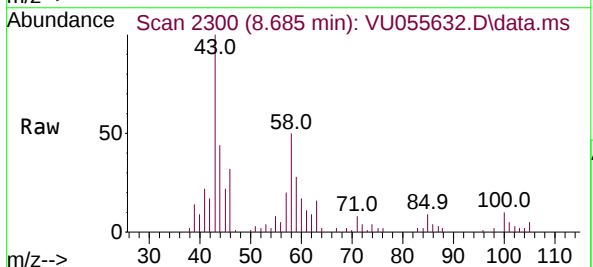
Ion Ratio Lower Upper

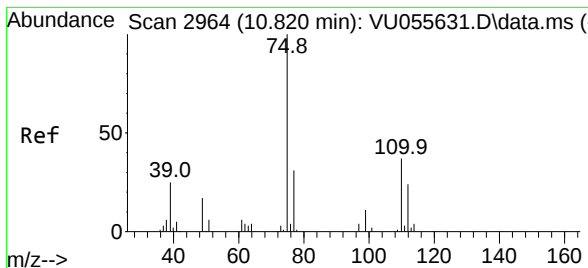
43 100

58 47.5 48.5 72.7#

57 21.7 17.0 25.4

100 8.9 10.3 15.5#





#61

1,2,3-Trichloropropane

Concen: 1.989 ug/L

RT: 11.810 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU055632.D

Acq: 03 Oct 2023 11:33

Instrument :

MSVOA_U

ClientSampleId :

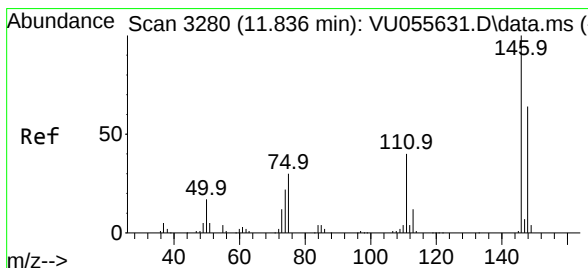
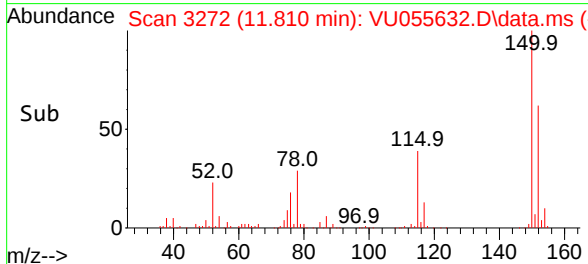
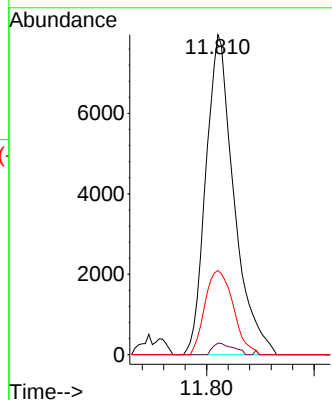
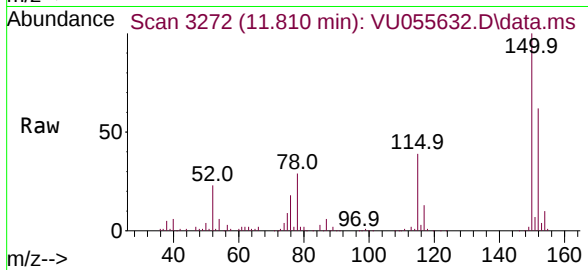
Tgt Ion: 75 Resp: 14409

Ion Ratio Lower Upper

75 100

110 2.6 30.6 45.8#

77 26.5 26.7 40.1#



#65

1,4-Dichlorobenzene

Concen: 0.171 ug/L

RT: 11.836 min Scan# 3280

Delta R.T. 0.000 min

Lab File: VU055632.D

Acq: 03 Oct 2023 11:33

Tgt Ion:146 Resp: 4383

Ion Ratio Lower Upper

146 100

111 42.6 29.0 53.8

148 66.9 45.4 84.4

