

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
 Data File : VV032802.D
 Acq On : 31 Oct 2023 16:38
 Operator : SY/MD
 Sample : 05132-01ME
 Misc : 5.01g/5.0mL/100ul/5.0mL/MSVOA_V/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 01 05:50:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 01 05:44:49 2023
 Response via : Initial Calibration

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

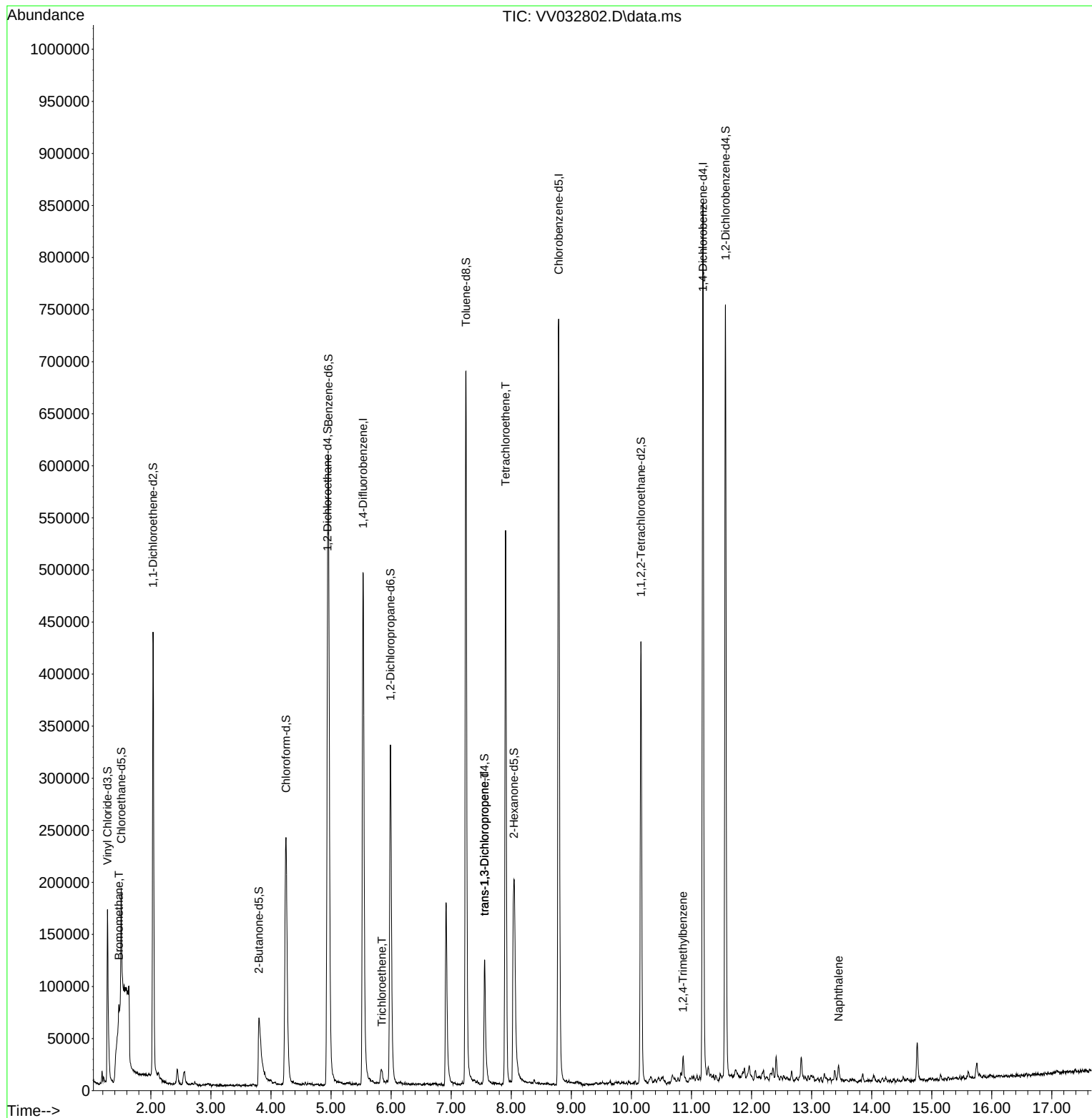
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	452497	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	438716	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	218105	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	146784	34.105	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.220%
7) Chloroethane-d5	1.506	69	84925	23.593	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	47.180%#
11) 1,1-Dichloroethene-d2	2.037	65	71712	40.340	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.680%
21) 2-Butanone-d5	3.799	46	138563	74.225	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.220%
24) Chloroform-d	4.249	84	266061	38.730	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.460%
26) 1,2-Dichloroethane-d4	4.940	65	170206	39.865	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.720%
32) Benzene-d6	4.957	84	536361	47.550	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.100%
36) 1,2-Dichloropropane-d6	5.989	67	159138	46.437	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.880%
41) Toluene-d8	7.246	98	467052	42.050	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.100%
43) trans-1,3-Dichloroprop...	7.554	79	74868	41.948	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.900%
47) 2-Hexanone-d5	8.043	63	107220	85.702	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.700%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	206071	39.627	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.260%
66) 1,2-Dichlorobenzene-d4	11.567	152	188880	44.939	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.880%
Target Compounds						
					Qvalue	
6) Bromomethane	1.468	94	3716	1.297	ug/L	94
34) Trichloroethene	5.847	95	4102	1.267	ug/L	74
44) trans-1,3-Dichloropropene	7.558	75	3612	0.759	ug/L	85
46) Tetrachloroethene	7.905	164	119966	41.057	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	11564	1.161	ug/L	97
71) Naphthalene	13.448	128	12766	1.188	ug/L #	92

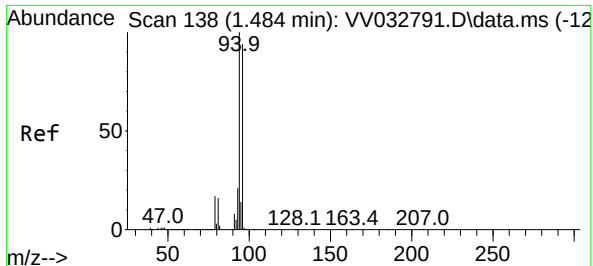
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 01 05:44:49 2023
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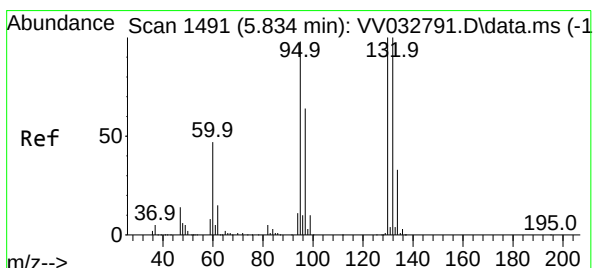
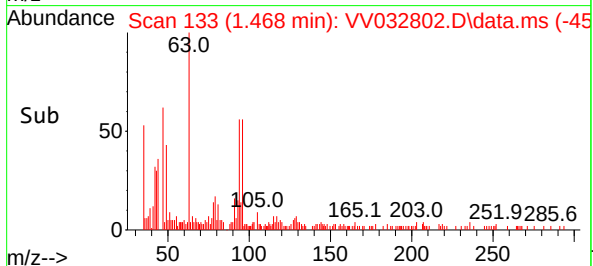
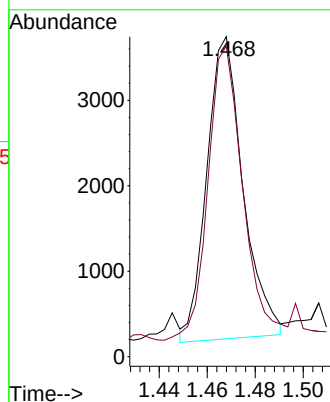
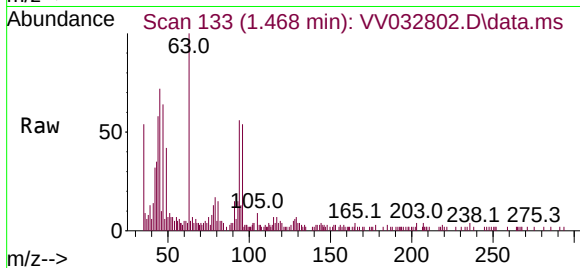




#6
Bromomethane
Concen: 1.297 ug/L
RT: 1.468 min Scan# 11
Delta R.T. -0.016 min
Lab File: VV032802.D
Acq: 31 Oct 2023 16:38

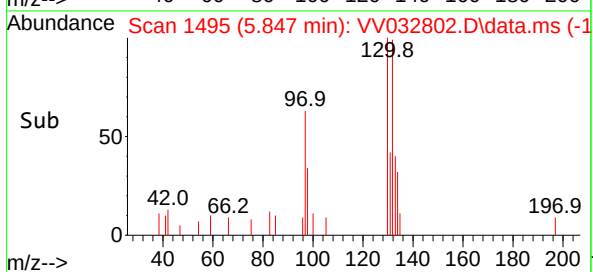
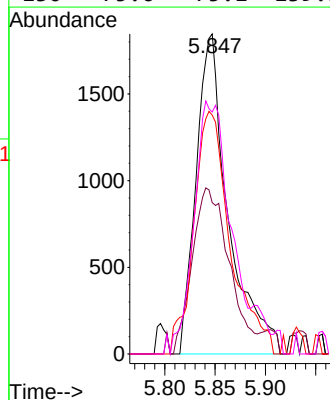
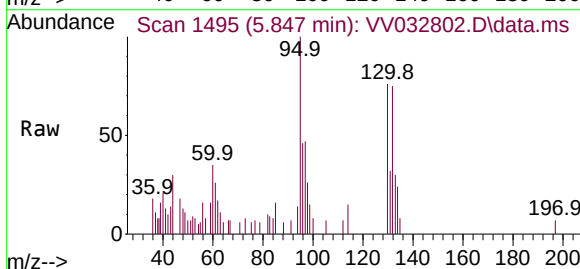
Instrument :
MSVOA_V
ClientSampleId :

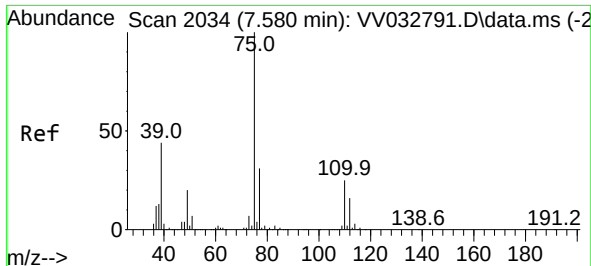
Tgt Ion: 94 Resp: 3716
Ion Ratio Lower Upper
94 100
96 97.1 64.2 119.2



#34
Trichloroethene
Concen: 1.267 ug/L
RT: 5.847 min Scan# 1495
Delta R.T. 0.013 min
Lab File: VV032802.D
Acq: 31 Oct 2023 16:38

Tgt Ion: 95 Resp: 4102
Ion Ratio Lower Upper
95 100
97 47.3 46.3 85.9
132 74.6 69.0 128.2
130 75.6 75.1 139.5

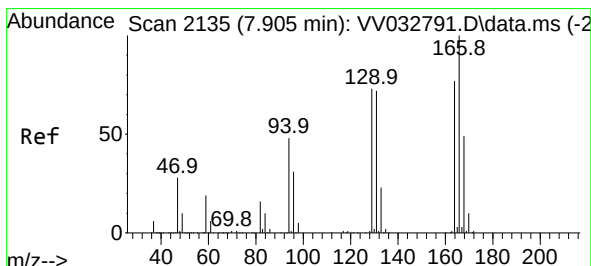
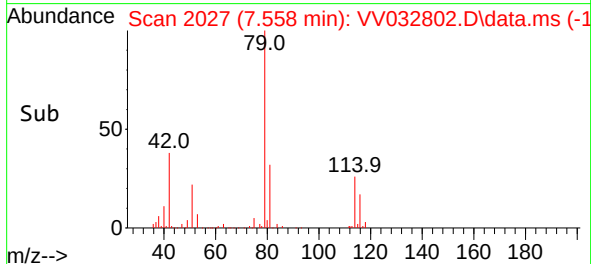
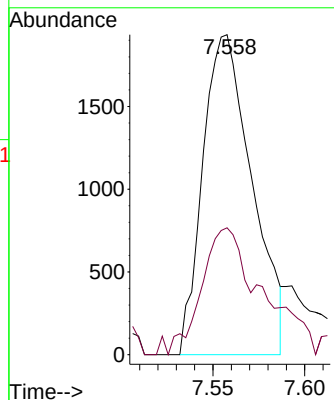
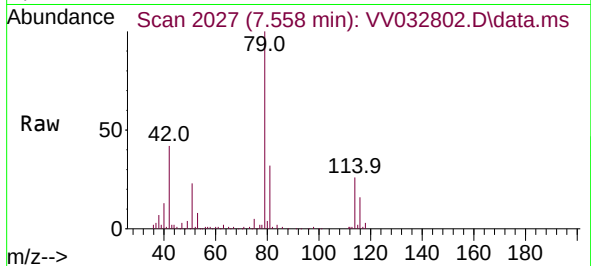




#44
trans-1,3-Dichloropropene
Concen: 0.759 ug/L
RT: 7.558 min Scan# 2034
Delta R.T. -0.022 min
Lab File: VV032802.D
Acq: 31 Oct 2023 16:38

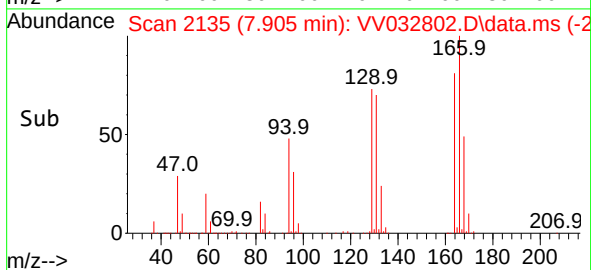
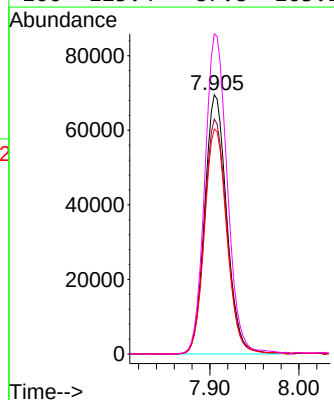
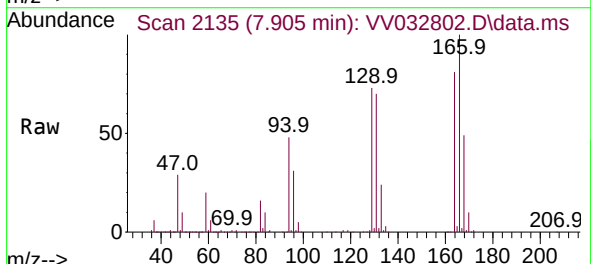
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MSVOA_V
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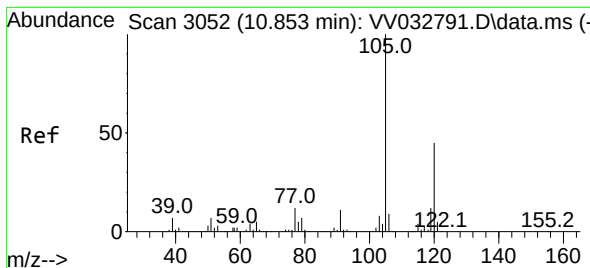
Tgt Ion: 75 Resp: 3612
Ion Ratio Lower Upper
75 100
77 39.7 22.0 40.8



#46
Tetrachloroethene
Concen: 41.057 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV032802.D
Acq: 31 Oct 2023 16:38

Tgt Ion:164 Resp: 119966
Ion Ratio Lower Upper
164 100
129 90.6 65.3 121.3
131 86.8 65.0 120.8
166 123.4 87.8 163.2





#63

1,2,4-Trimethylbenzene

Concen: 1.161 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.006 min

Lab File: VV032802.D

Acq: 31 Oct 2023 16:38

Instrument :

MSVOA_V

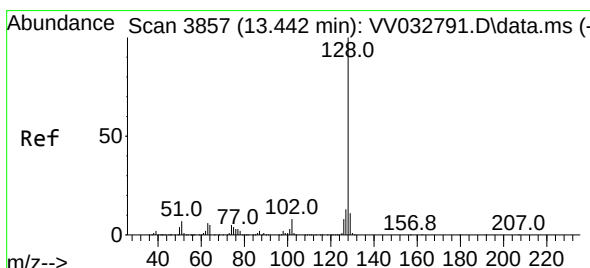
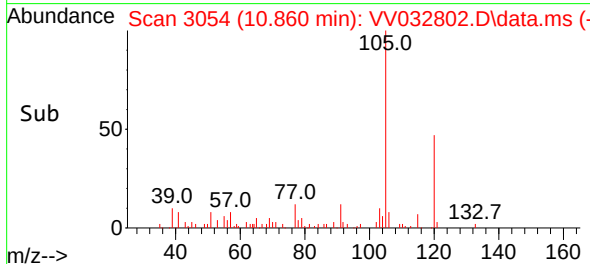
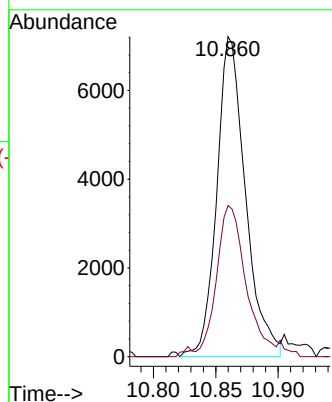
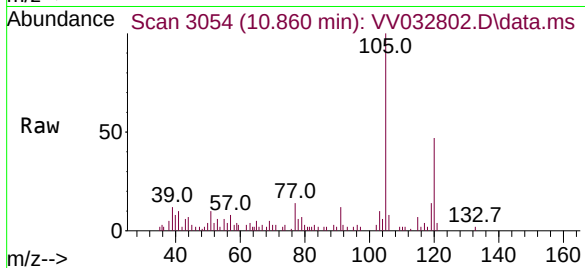
ClientSampleId :

Tgt Ion:105 Resp: 11564

Ion Ratio Lower Upper

105 100

120 48.1 37.0 55.6



#71

Naphthalene

Concen: 1.188 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.006 min

Lab File: VV032802.D

Acq: 31 Oct 2023 16:38

Tgt Ion:128 Resp: 12766

Ion Ratio Lower Upper

128 100

127 8.5 10.6 15.8#

129 11.6 8.6 12.8

