

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012123\
 Data File : VU052768.D
 Acq On : 20 Jan 2023 18:46
 Operator : JC/MD
 Sample : 01216-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jan 21 01:57:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 21 01:44:26 2023
 Response via : Initial Calibration

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

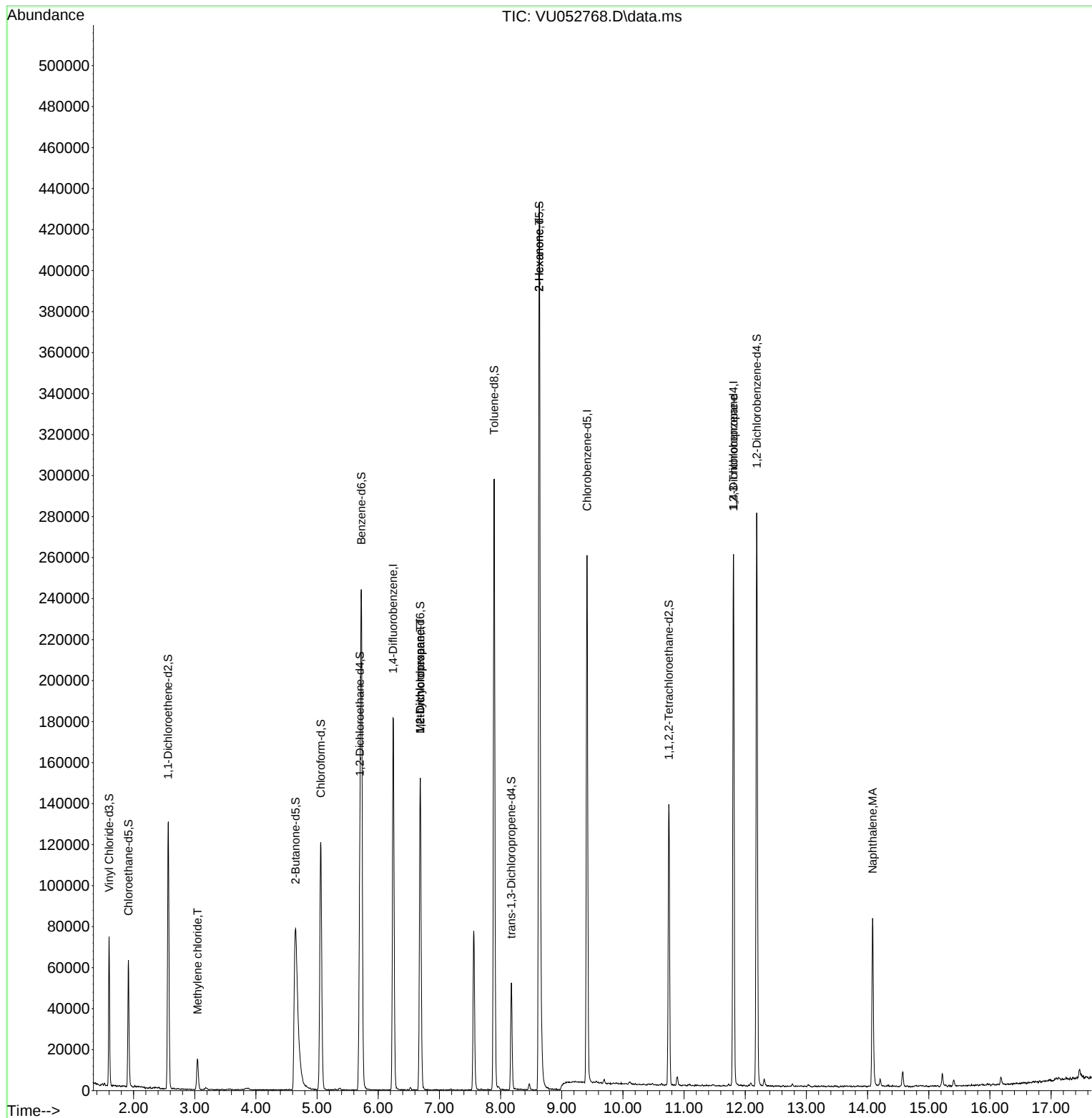
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	152204	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	146847	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	71735	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	54222	4.055	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.915	69	48132	4.418	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.565	65	25490	4.329	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.648	46	209130	58.493	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.980%
24) Chloroform-d	5.060	84	114914	4.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.700	65	66796	5.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.722	84	232521	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.687	67	73660	4.644	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.896	98	200495	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.176	79	30518	5.174	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.400%
46) 2-Hexanone-d5	8.632	63	159485	65.091	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.180%#
56) 1,1,2,2-Tetrachloroeth...	10.751	84	67546	5.562	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	75242	5.762	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.044	84	7997	0.455	ug/L	88
35) Methylcyclohexane	6.687	83	17213	0.758	ug/L #	15
37) 1,2-Dichloropropane	6.687	63	7462	0.478	ug/L #	89
48) 2-Hexanone	8.632	43	18867	2.888	ug/L #	77
61) 1,2,3-Trichloropropane	11.806	75	7682	0.921	ug/L #	65
71) Naphthalene	14.082	128	73152	2.924	ug/L	99

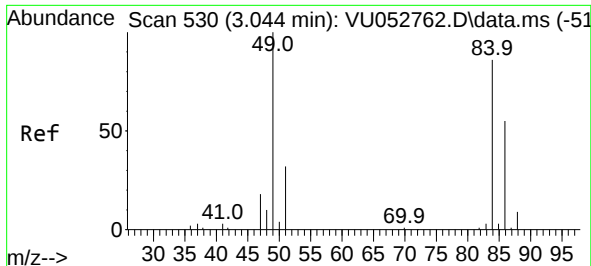
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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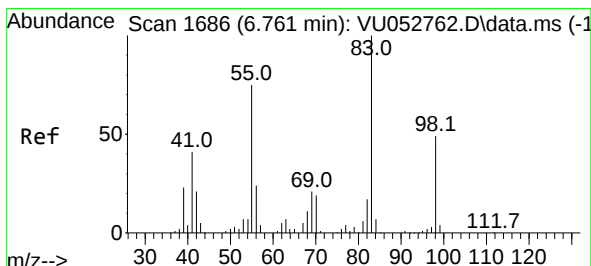
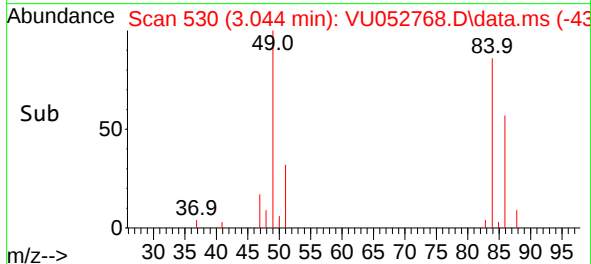
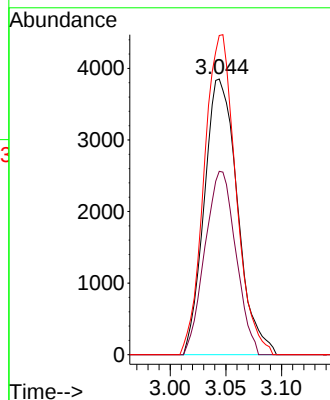
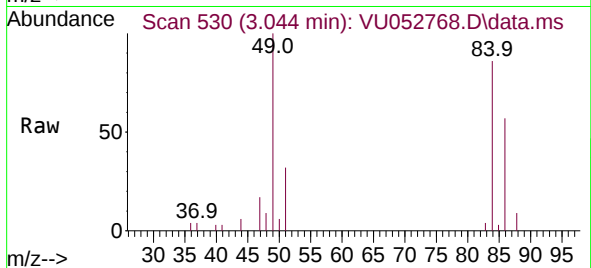




#16
Methylene chloride
Concen: 0.455 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052768.D
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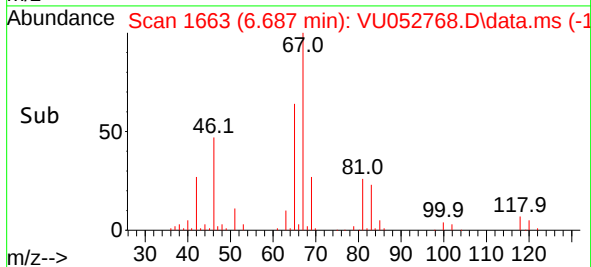
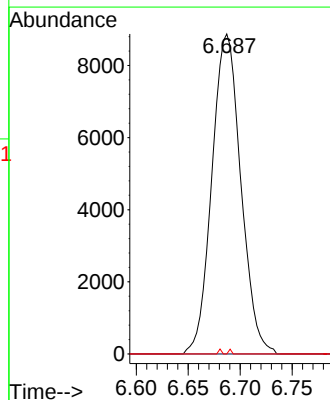
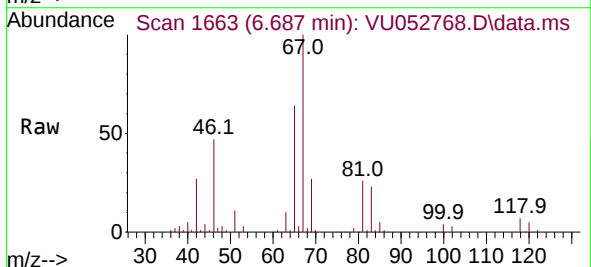
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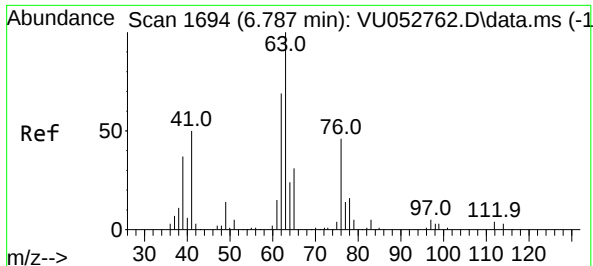
Tgt Ion:	84	Resp:	7997
Ion	Ratio	Lower	Upper
84	100		
86	66.5	45.6	84.6
49	115.8	94.8	176.0



#35
Methylcyclohexane
Concen: 0.758 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052768.D
Acq: 20 Jan 2023 18:46

Tgt Ion:	83	Resp:	17213
Ion	Ratio	Lower	Upper
83	100		
55	0.0	67.6	101.4#
98	0.2	37.1	55.7#

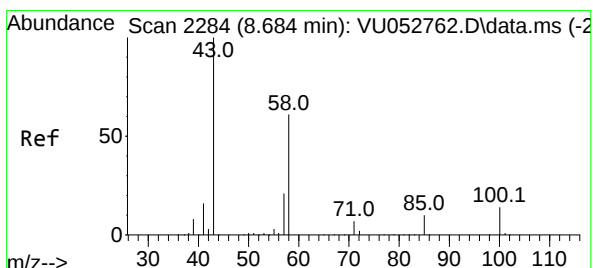
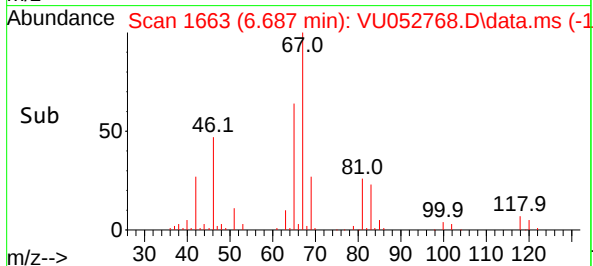
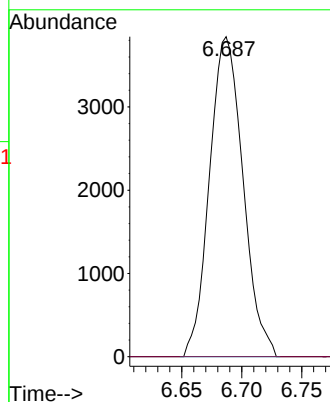
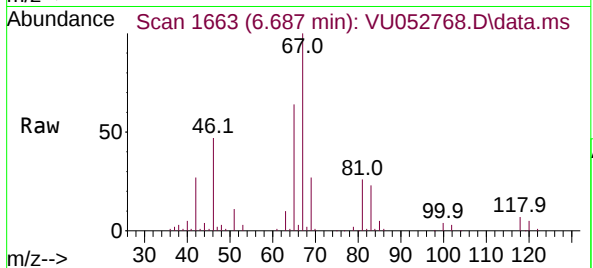




#37
1,2-Dichloropropane
Concen: 0.478 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU052768.D
Acq: 20 Jan 2023 18:46

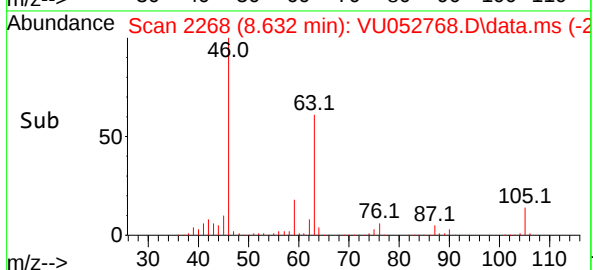
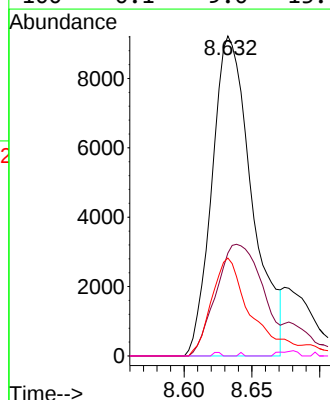
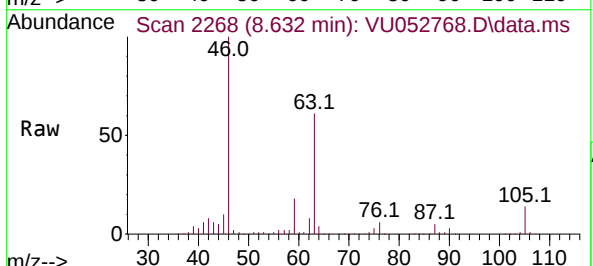
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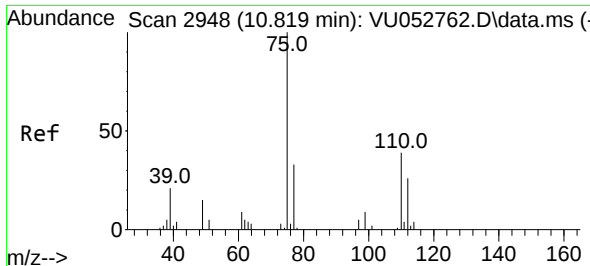
Tgt Ion: 63 Resp: 7462
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



#48
2-Hexanone
Concen: 2.888 ug/L
RT: 8.632 min Scan# 2268
Delta R.T. -0.052 min
Lab File: VU052768.D
Acq: 20 Jan 2023 18:46

Tgt Ion: 43 Resp: 18867
Ion Ratio Lower Upper
43 100
58 40.9 45.1 67.7#
57 30.5 15.1 22.7#
100 0.1 9.0 13.4#

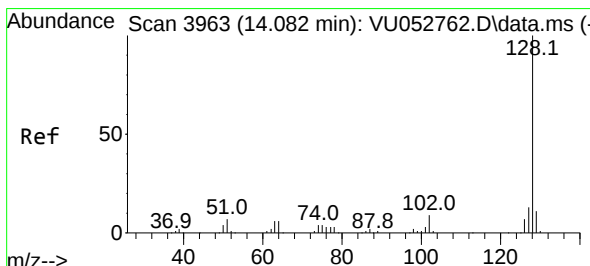
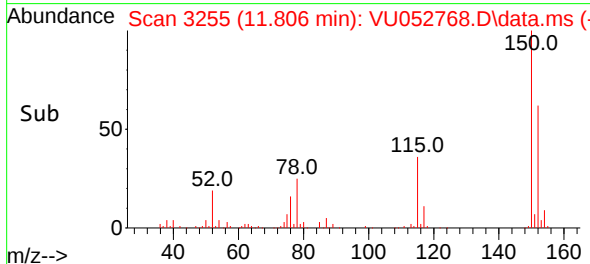
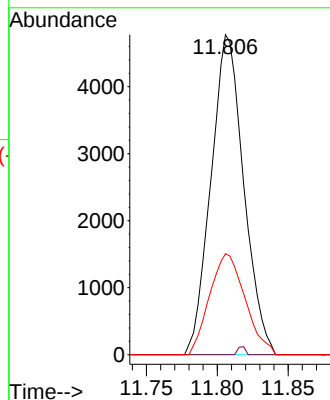
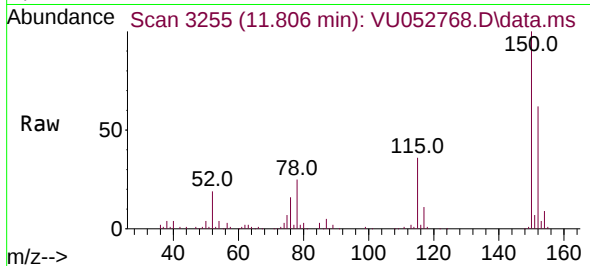




#61
1,2,3-Trichloropropane
Concen: 0.921 ug/L
RT: 11.806 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU052768.D
Acq: 20 Jan 2023 18:46

Instrument :
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Tgt Ion: 75 Resp: 7682
Ion Ratio Lower Upper
75 100
110 0.6 27.2 40.8#
77 34.3 24.0 36.0



#71
Naphthalene
Concen: 2.924 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU052768.D
Acq: 20 Jan 2023 18:46

Tgt Ion: 128 Resp: 73152
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 13.1 10.8 16.2

