

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046933.D
 Acq On : 31 Jan 2022 21:57
 Operator : SY/MD
 Sample : N1328-03DL 2000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HM2DL

Quant Time: Feb 01 03:01:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 01:39:38 2022
 Response via : Initial Calibration

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

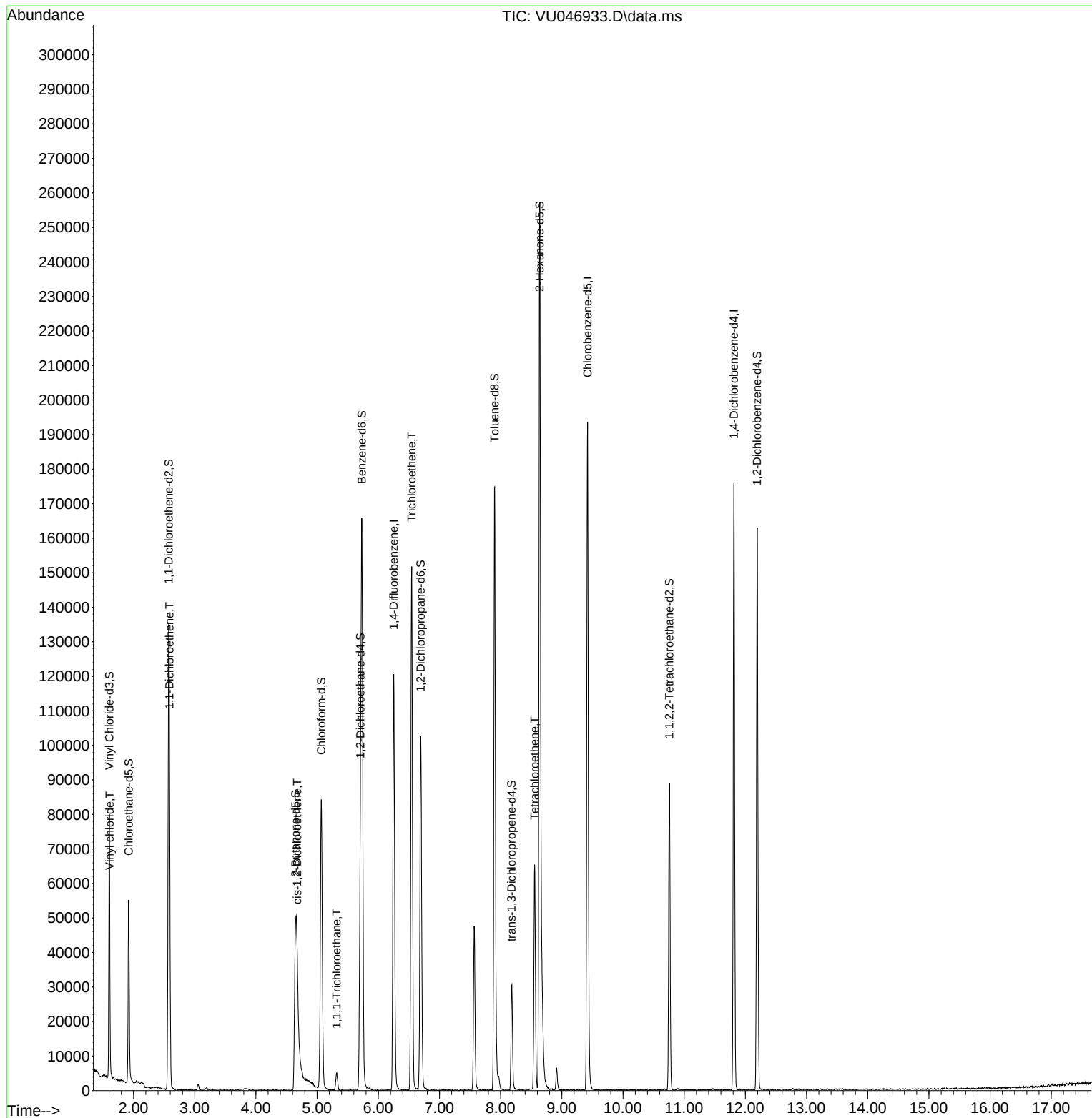
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	101405	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	114126	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46505	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	54427	6.334	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.600%
7) Chloroethane-d5	1.919	69	40688	6.010	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.200%
11) 1,1-Dichloroethene-d2	2.575	65	20935	6.125	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	122.400%
20) 2-Butanone-d5	4.649	46	112416	44.161	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.320%
24) Chloroform-d	5.070	84	79932	5.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.706	65	44679	5.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	5.732	84	159646	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.694	67	51300	5.094	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.902	98	124597	4.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.179	79	18972	4.290	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.639	63	107667	41.113	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45938	4.543	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	42504	4.874	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.610	62	1700	0.208	ug/L #	60
12) 1,1-Dichloroethene	2.588	96	16514	2.917	ug/L #	75
22) cis-1,2-Dichloroethene	4.674	96	6271	0.969	ug/L	92
29) 1,1,1-Trichloroethane	5.317	97	3831	0.373	ug/L	97
34) Trichloroethene	6.546	95	53308	7.641	ug/L	97
47) Tetrachloroethene	8.555	164	15192	2.678	ug/L	94

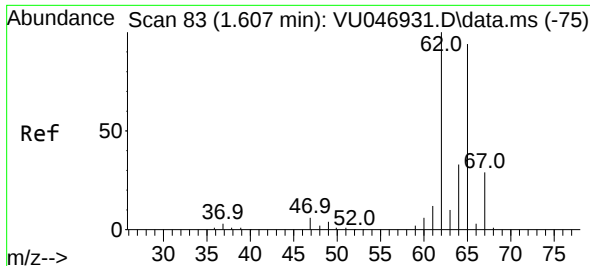
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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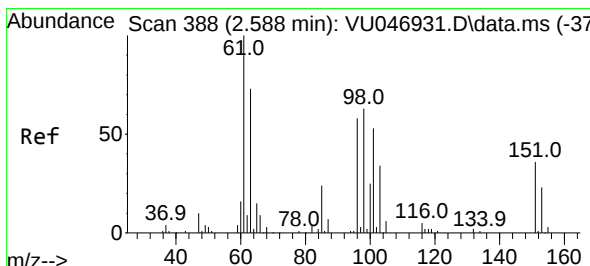
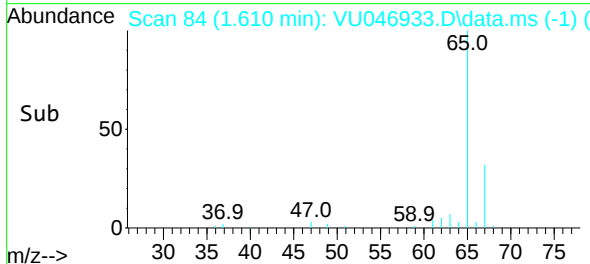
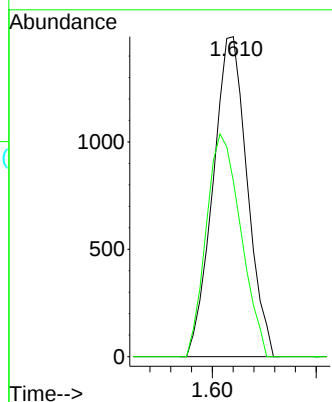
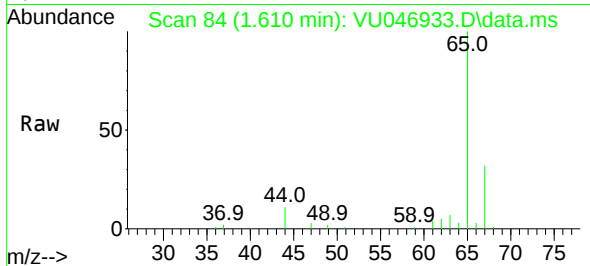




#5
 Vinyl chloride
 Concen: 0.208 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU046933.D
 Acq: 31 Jan 2022 21:57

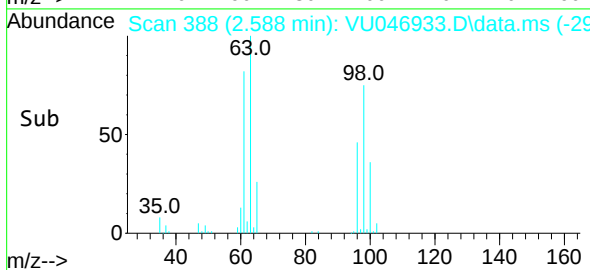
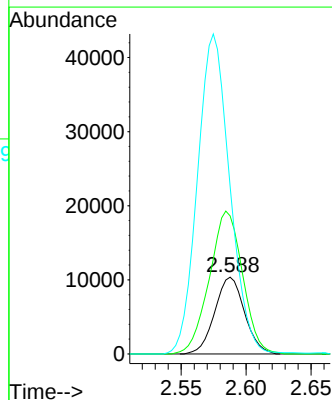
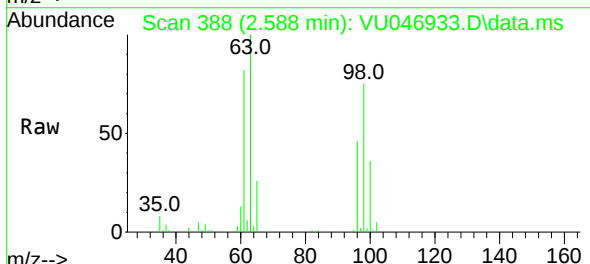
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HM2DL

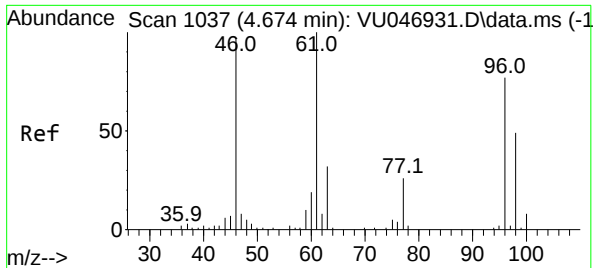
Tgt Ion: 62 Resp: 1700
 Ion Ratio Lower Upper
 62 100
 64 55.0 22.9 42.5#



#12
 1,1-Dichloroethene
 Concen: 2.917 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046933.D
 Acq: 31 Jan 2022 21:57

Tgt Ion: 96 Resp: 16514
 Ion Ratio Lower Upper
 96 100
 61 180.0 124.7 231.5
 63 218.5 105.2 195.4#

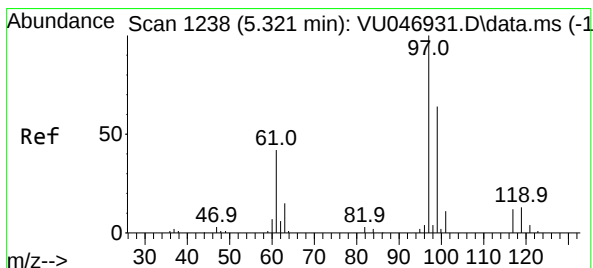
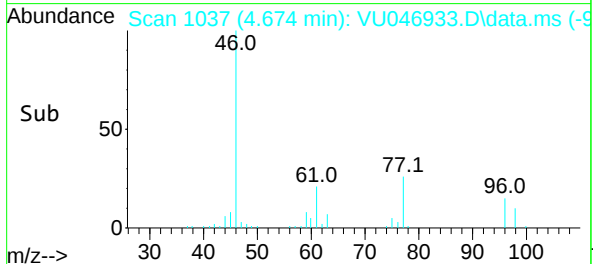
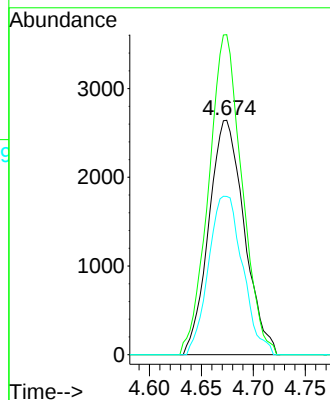
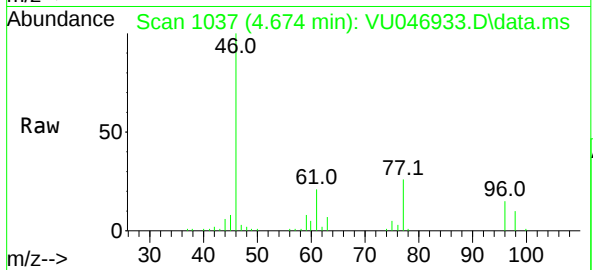




#22
 cis-1,2-Dichloroethene
 Concen: 0.969 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VU046933.D
 Acq: 31 Jan 2022 21:57

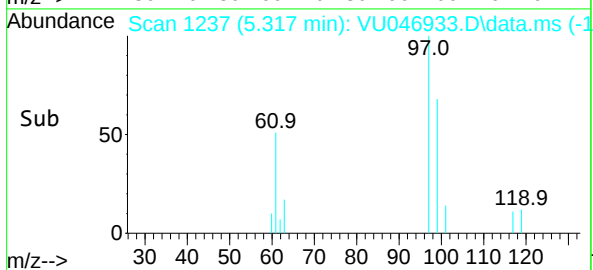
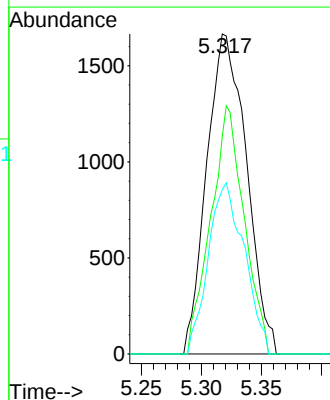
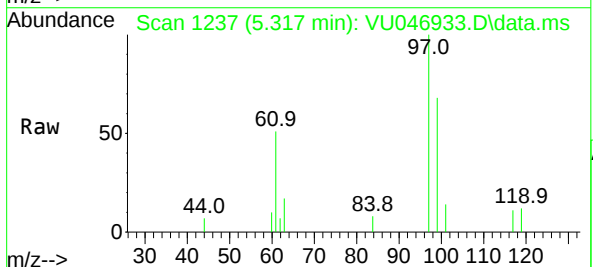
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HM2DL

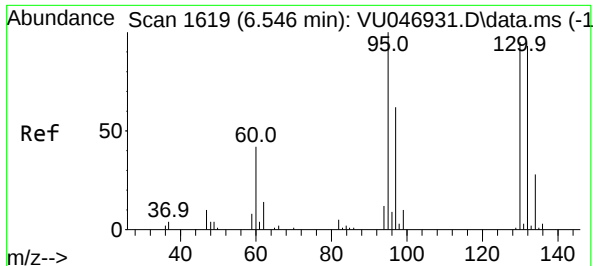
Tgt Ion: 96	Resp: 6271
Ion Ratio	Lower Upper
96 100	
61 136.5	88.5 164.3
98 67.5	44.4 82.5



#29
 1,1,1-Trichloroethane
 Concen: 0.373 ug/L
 RT: 5.317 min Scan# 1237
 Delta R.T. -0.003 min
 Lab File: VU046933.D
 Acq: 31 Jan 2022 21:57

Tgt Ion: 97	Resp: 3831		
Ion Ratio	Lower	Upper	
97 100			
99 65.3	51.3	76.9	
61 48.6	36.1	54.1	



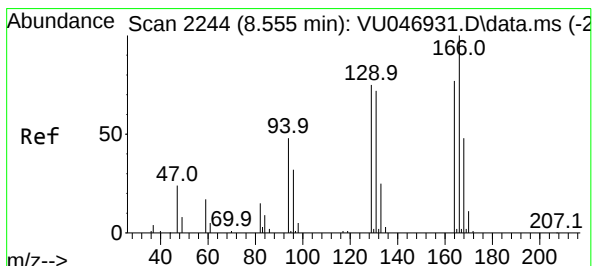
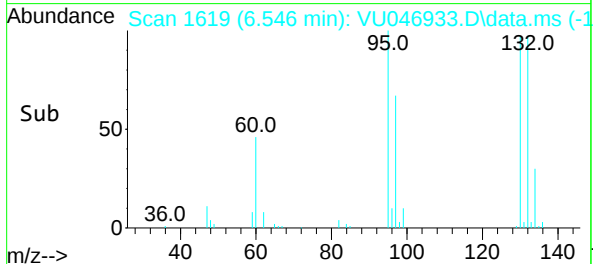
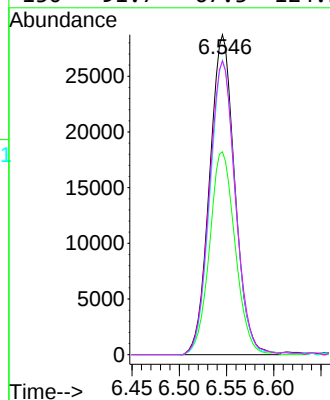
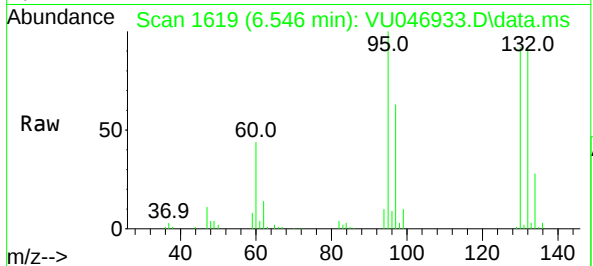


#34
Trichloroethene
Concen: 7.641 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046933.D
Acq: 31 Jan 2022 21:57

Instrument :
MSVOA_U
ClientSampleId :
C0HM2DL

Tgt Ion: 95 Resp: 53308

Ion	Ratio	Lower	Upper
95	100		
97	63.4	46.5	86.5
132	92.1	65.1	120.9
130	91.7	67.3	124.9



#47
Tetrachloroethene
Concen: 2.678 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046933.D
Acq: 31 Jan 2022 21:57

Tgt Ion: 164 Resp: 15192

Ion	Ratio	Lower	Upper
164	100		
129	97.8	71.8	133.4
131	91.4	68.5	127.3
166	126.8	94.1	174.8

