

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030405.D
 Acq On : 04 Aug 2022 20:34
 Operator : JC/MD
 Sample : N4003-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D86

Quant Time: Aug 05 05:29:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 05:25:14 2022
 Response via : Initial Calibration

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

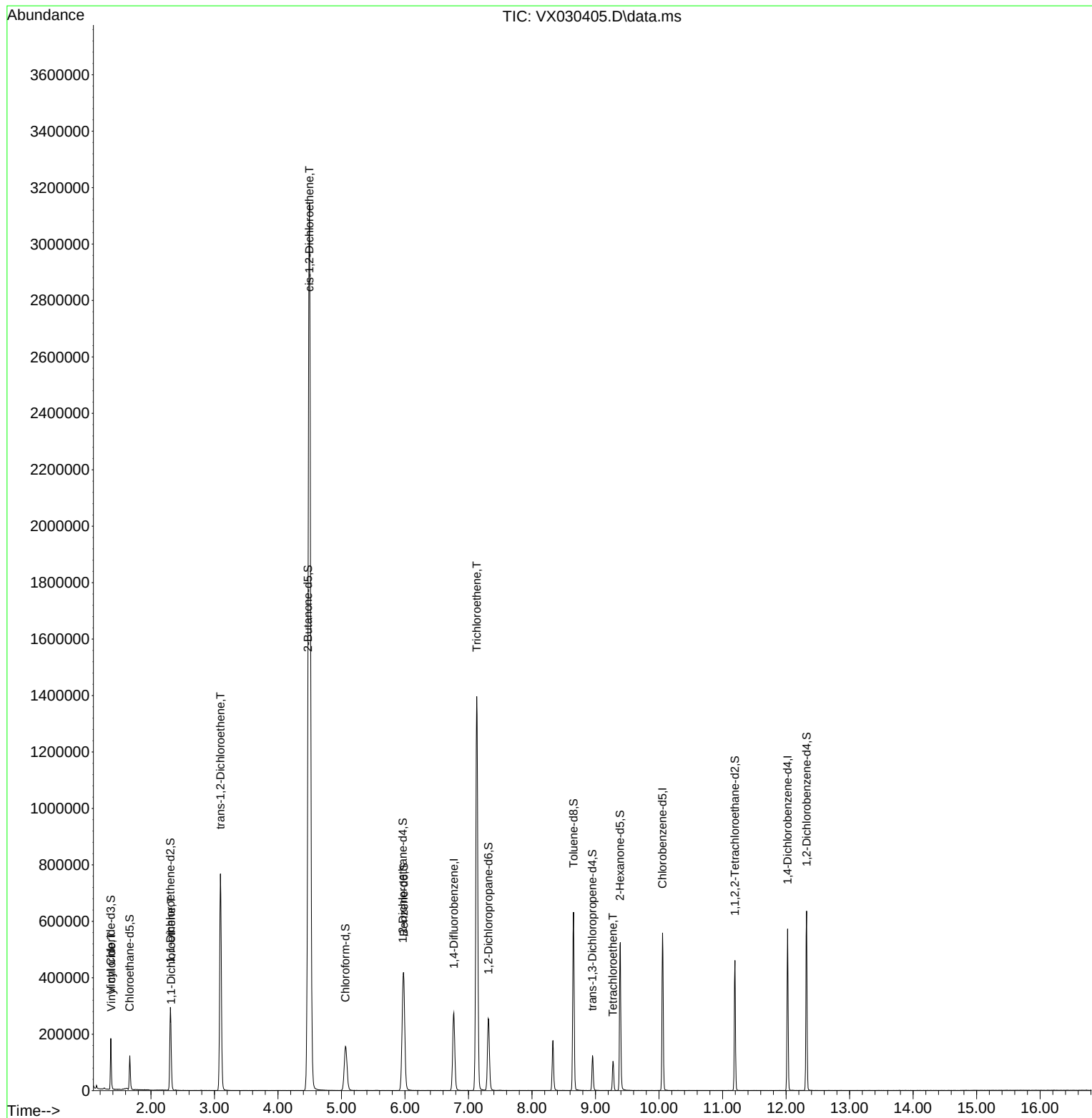
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	269486	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	238616	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	105999	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	97413	56.289	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.580%
7) Chloroethane-d5	1.666	69	74332	60.929	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.860%
11) 1,1-Dichloroethene-d2	2.306	63	158675	48.471	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.940%
21) 2-Butanone-d5	4.471	46	216310	134.900	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	134.900%#
24) Chloroform-d	5.062	84	198238	55.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.300%
26) 1,2-Dichloroethane-d4	5.964	65	140818	58.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.420%
32) Benzene-d6	5.983	84	399538	58.454	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.900%
36) 1,2-Dichloropropane-d6	7.312	67	128478	57.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.880%
41) Toluene-d8	8.653	98	357706	55.520	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.040%
43) trans-1,3-Dichloroprop...	8.952	79	57231	51.877	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.760%
47) 2-Hexanone-d5	9.384	63	148510	131.384	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	131.380%#
56) 1,1,2,2-Tetrachloroeth...	11.195	84	170180	58.417	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	116.840%
66) 1,2-Dichlorobenzene-d4	12.323	152	119480	58.114	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.220%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	10828	5.814	ug/L	84
12) 1,1-Dichloroethene	2.319	96	5323	3.529	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	291041	166.553	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	1834402	933.197	ug/L	99
34) Trichloroethene	7.129	95	526942	237.811	ug/L	89
46) Tetrachloroethene	9.275	164	18292	13.062	ug/L	97

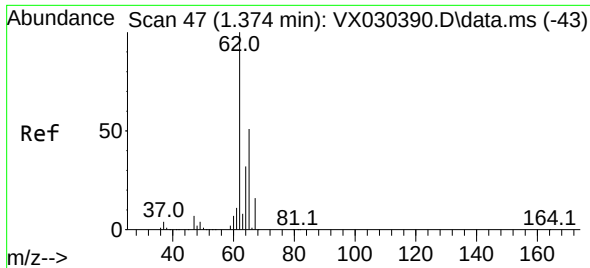
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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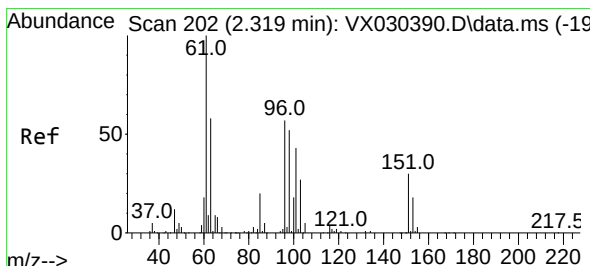
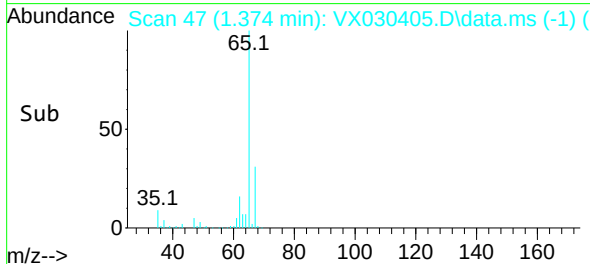
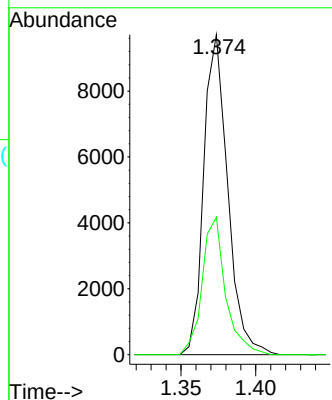
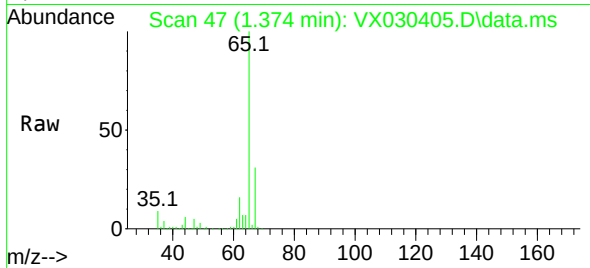




#5
 Vinyl chloride
 Concen: 5.814 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030405.D
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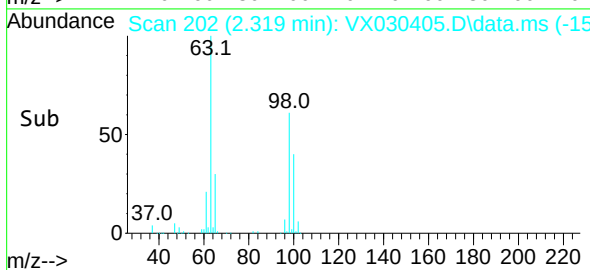
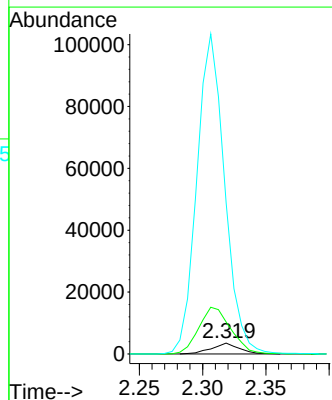
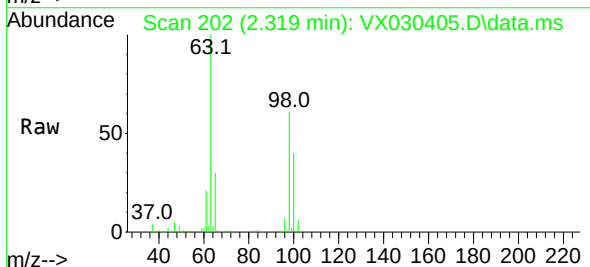
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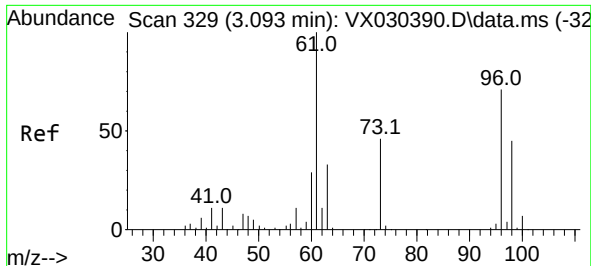
Tgt Ion: 62 Resp: 10828
 Ion Ratio Lower Upper
 62 100
 64 43.0 23.8 44.2



#12
 1,1-Dichloroethene
 Concen: 3.529 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030405.D
 Acq: 04 Aug 2022 20:34

Tgt Ion: 96 Resp: 5323
 Ion Ratio Lower Upper
 96 100
 61 295.4 130.2 241.8#
 63 1394.0 113.5 210.9#

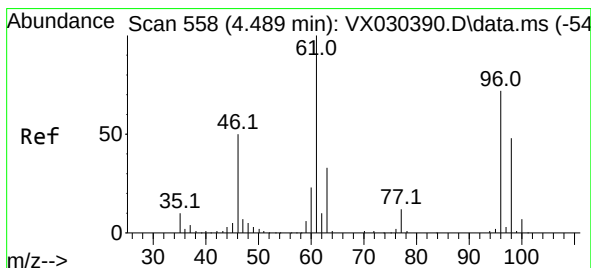
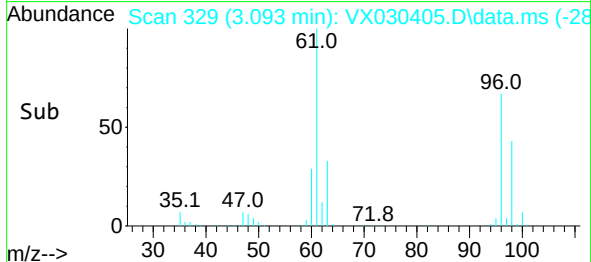
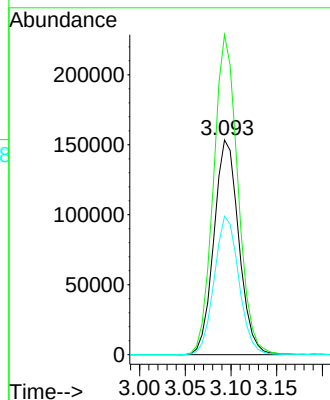
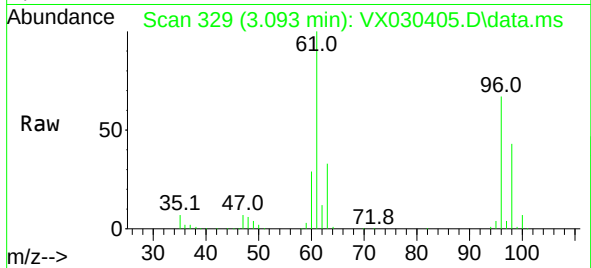




#17
trans-1,2-Dichloroethene
Concen: 166.553 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030405.D
Acq: 04 Aug 2022 20:34

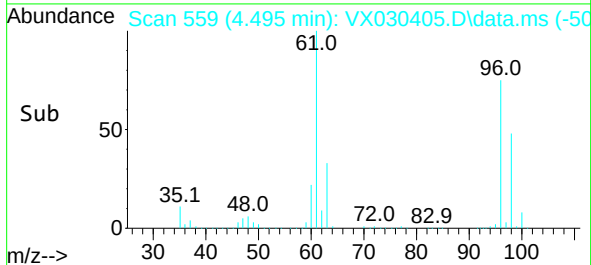
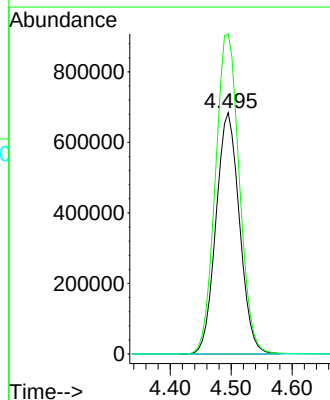
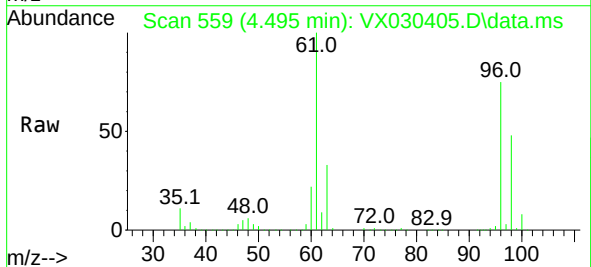
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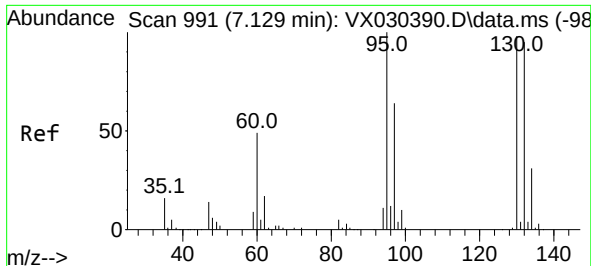
Tgt Ion: 96 Resp: 291041
Ion Ratio Lower Upper
96 100
61 149.0 103.7 192.5
98 64.5 41.5 77.1



#20
cis-1,2-Dichloroethene
Concen: 933.197 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX030405.D
Acq: 04 Aug 2022 20:34

Tgt Ion: 96 Resp: 1834402
Ion Ratio Lower Upper
96 100
61 132.6 94.0 174.6
68 0.0 0.0 0.0

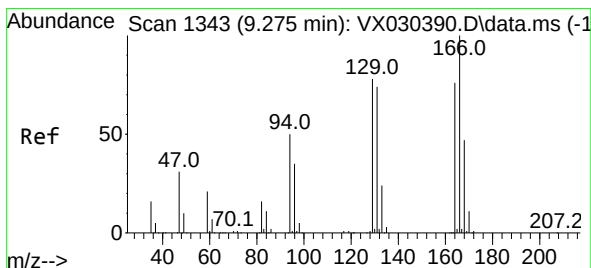
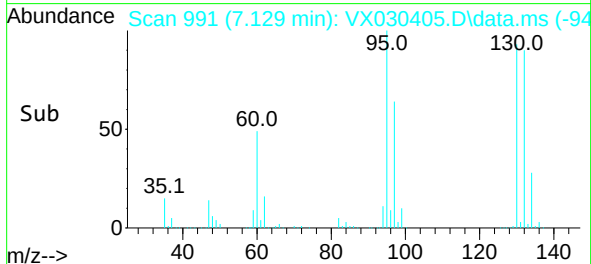
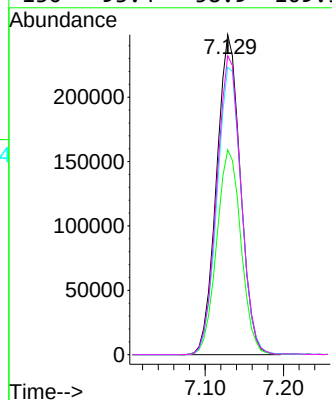
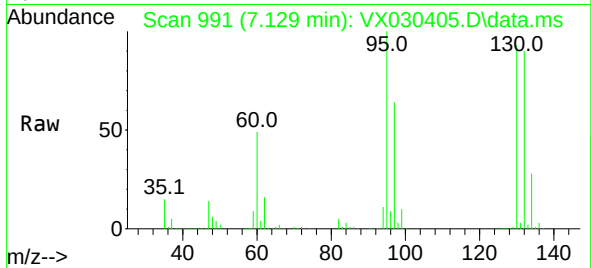




#34
Trichloroethene
Concen: 237.811 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030405.D
Acq: 04 Aug 2022 20:34

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Tgt Ion: 95 Resp: 526942
Ion Ratio Lower Upper
95 100
97 64.0 40.2 74.6
132 89.8 55.3 102.7
130 93.4 58.9 109.5



#46
Tetrachloroethene
Concen: 13.062 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030405.D
Acq: 04 Aug 2022 20:34

Tgt Ion:164 Resp: 18292
Ion Ratio Lower Upper
164 100
129 101.2 72.7 135.1
131 98.0 69.9 129.9
166 131.4 88.3 164.1

