

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021123\
 Data File : VU053060.D
 Acq On : 11 Feb 2023 20:06
 Operator : JC/MD
 Sample : 01533-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM75

Quant Time: Feb 12 22:51:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 12 22:49:21 2023
 Response via : Initial Calibration

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

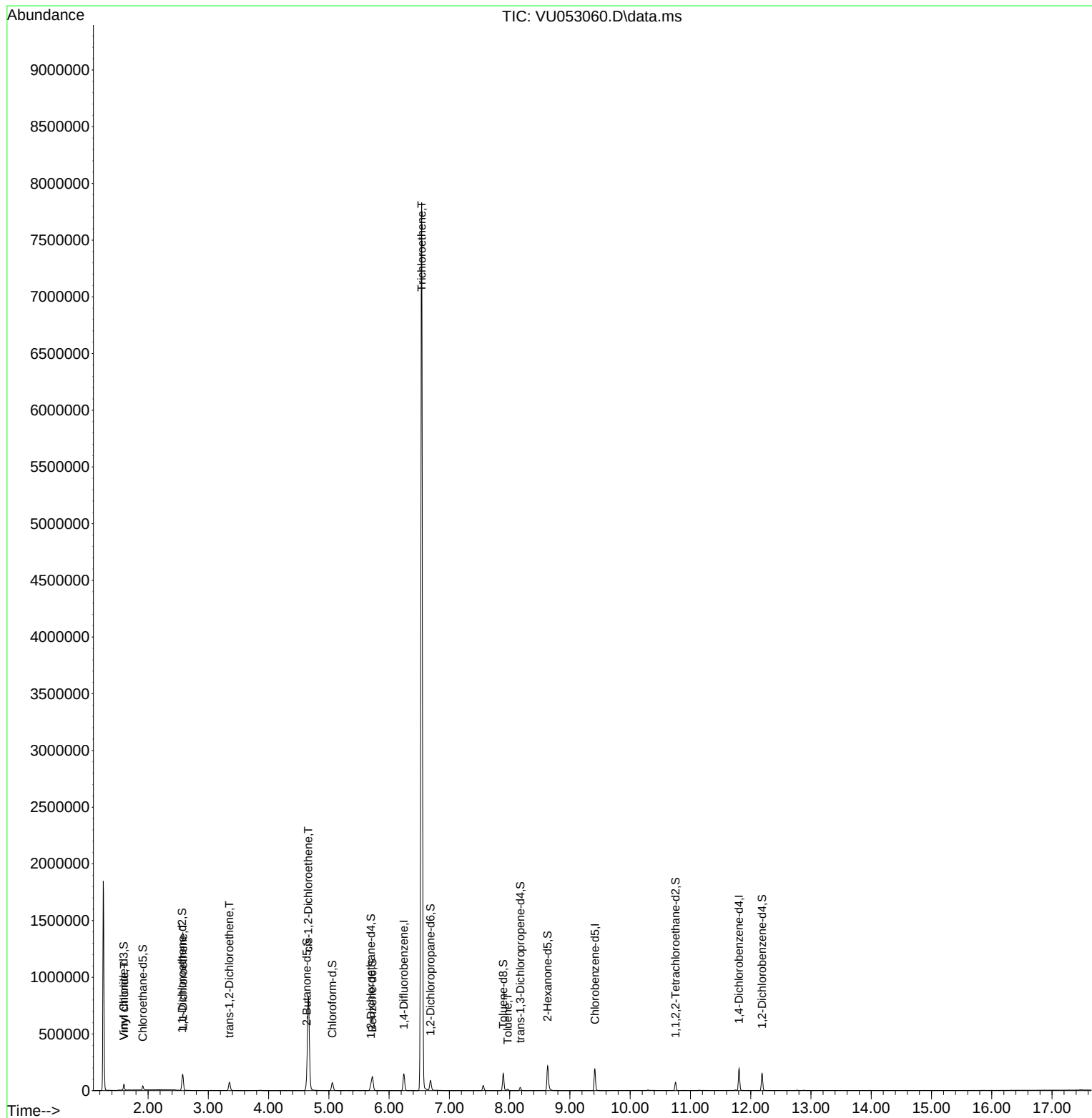
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	119730	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	105839	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	49275	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	25109	4.378	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.913	69	26120	4.845	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.566	65	11666	4.434	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.633	46	95936	54.612	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.220%
24) Chloroform-d	5.058	84	62735	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.698	65	33068	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.723	84	118976	5.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.688	67	42022	5.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.894	98	101421	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.177	79	16663	4.969	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.630	63	80688	54.196	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.400%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	36791	5.172	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	39029	5.302	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.605	62	14462	1.433	ug/L	97
12) 1,1-Dichloroethene	2.579	96	36081	5.094	ug/L	96
18) trans-1,2-Dichloroethene	3.350	96	30670	4.092	ug/L	99
22) cis-1,2-Dichloroethene	4.659	96	414571	49.012	ug/L	98
34) Trichloroethene	6.540	95	2601093	303.100	ug/L	96
42) Toluene	7.968	91	10019	0.302	ug/L	100

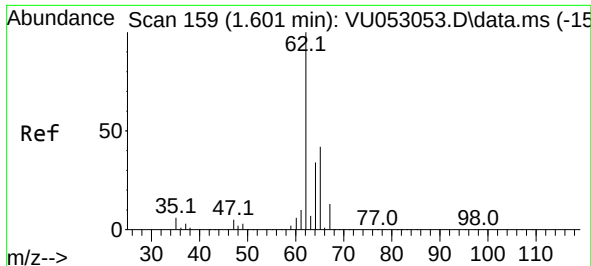
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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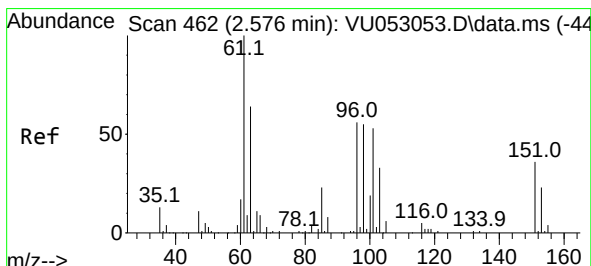
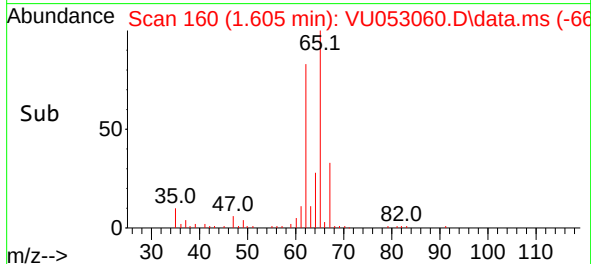
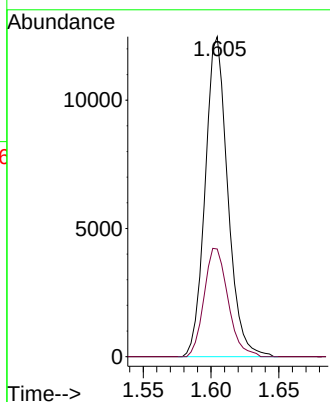
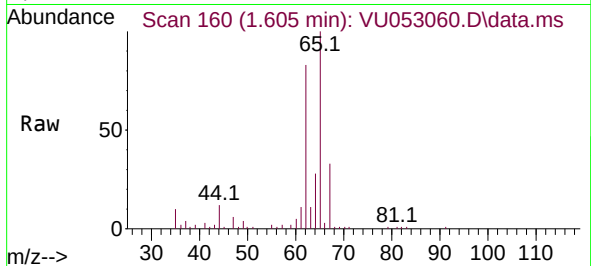




#5
 Vinyl chloride
 Concen: 1.433 ug/L
 RT: 1.605 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU053060.D
 Acq: 11 Feb 2023 20:06

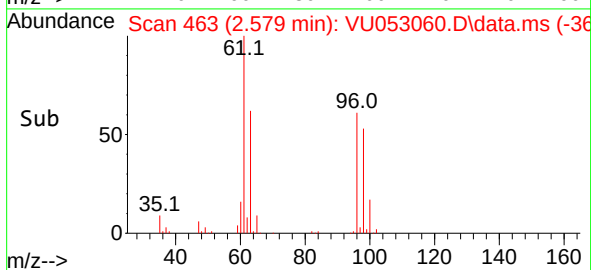
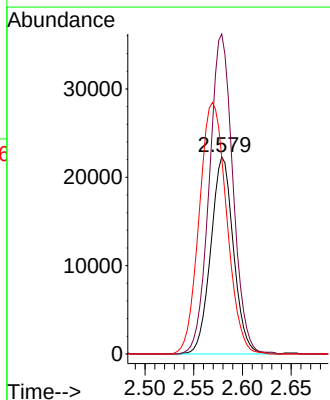
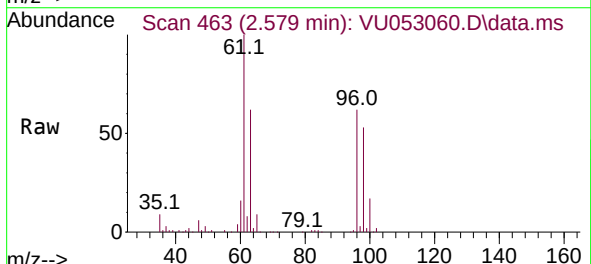
Instrument :
 MSVOA_U
 ClientSampleId :
 COM75

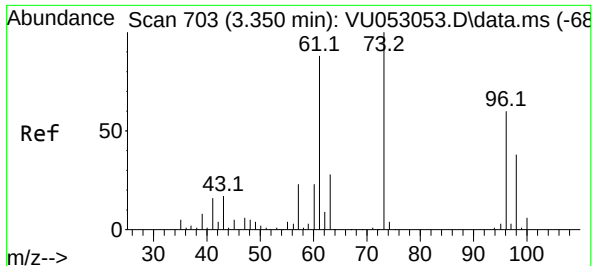
Tgt Ion: 62 Resp: 14462
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.5 41.9



#12
 1,1-Dichloroethene
 Concen: 5.094 ug/L
 RT: 2.579 min Scan# 463
 Delta R.T. 0.003 min
 Lab File: VU053060.D
 Acq: 11 Feb 2023 20:06

Tgt Ion: 96 Resp: 36081
 Ion Ratio Lower Upper
 96 100
 61 162.4 115.1 213.7
 63 100.0 63.6 118.0

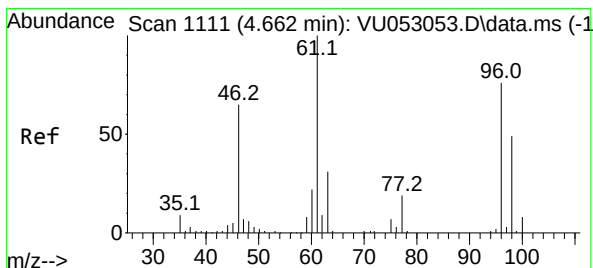
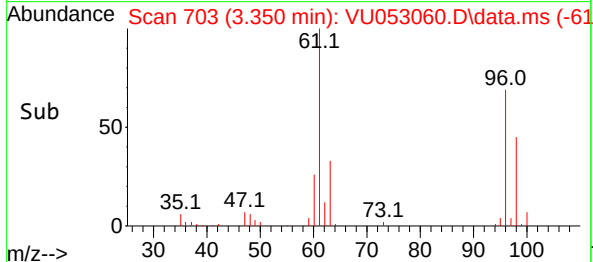
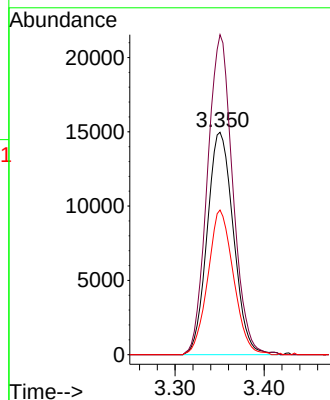
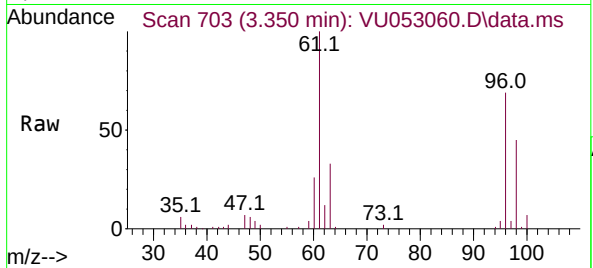




#18
trans-1,2-Dichloroethene
Concen: 4.092 ug/L
RT: 3.350 min Scan# 703
Delta R.T. -0.000 min
Lab File: VU053060.D
Acq: 11 Feb 2023 20:06

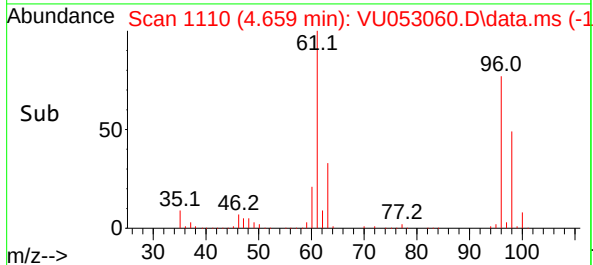
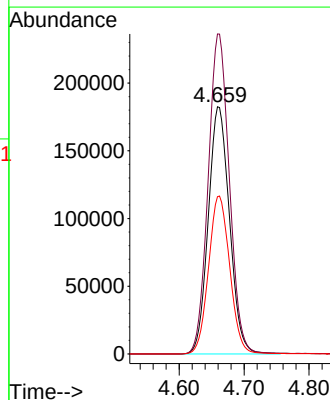
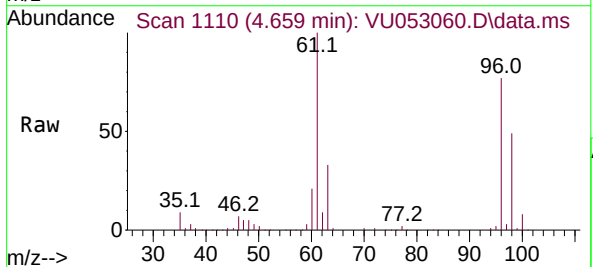
Instrument :
MSVOA_U
ClientSampleId :
COM75

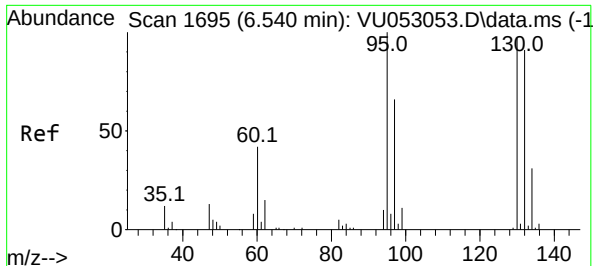
Tgt Ion: 96 Resp: 30670
Ion Ratio Lower Upper
96 100
61 143.9 99.5 184.9
98 65.1 44.8 83.2



#22
cis-1,2-Dichloroethene
Concen: 49.012 ug/L
RT: 4.659 min Scan# 1110
Delta R.T. -0.003 min
Lab File: VU053060.D
Acq: 11 Feb 2023 20:06

Tgt Ion: 96 Resp: 414571
Ion Ratio Lower Upper
96 100
61 129.5 90.9 168.9
98 63.6 47.0 87.4

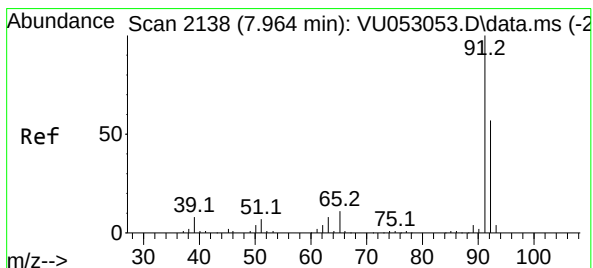
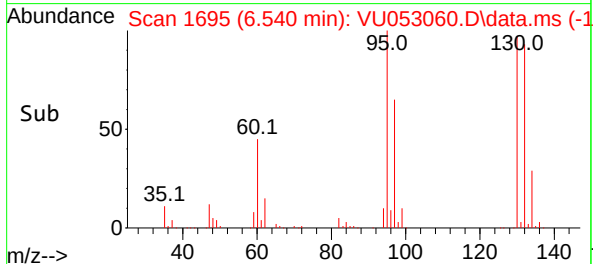
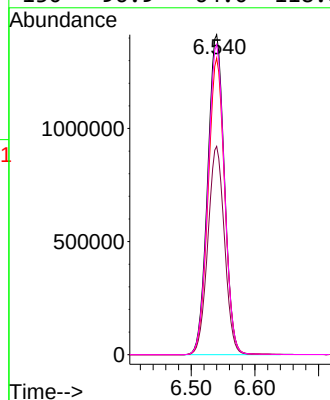
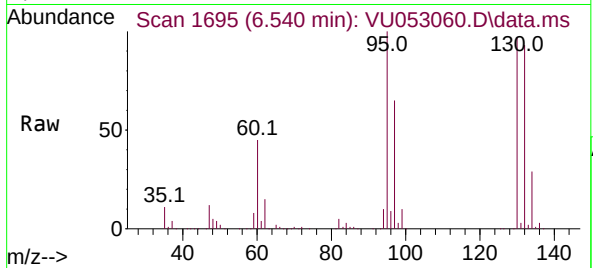




#34
Trichloroethene
Concen: 303.100 ug/L
RT: 6.540 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU053060.D
Acq: 11 Feb 2023 20:06

Instrument :
MSVOA_U
ClientSampleId :
COM75

Tgt Ion: 95 Resp: 2601093
Ion Ratio Lower Upper
95 100
97 65.1 44.7 82.9
132 92.7 62.3 115.7
130 96.9 64.0 118.8



#42
Toluene
Concen: 0.302 ug/L
RT: 7.968 min Scan# 2139
Delta R.T. 0.003 min
Lab File: VU053060.D
Acq: 11 Feb 2023 20:06

Tgt Ion: 91 Resp: 10019
Ion Ratio Lower Upper
91 100
92 57.9 40.5 75.3

