

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050622\
 Data File : VU048470.D
 Acq On : 06 May 2022 21:17
 Operator : SY/MD
 Sample : N2710-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXLA5

Quant Time: May 07 04:12:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 23:43:33 2022
 Response via : Initial Calibration

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

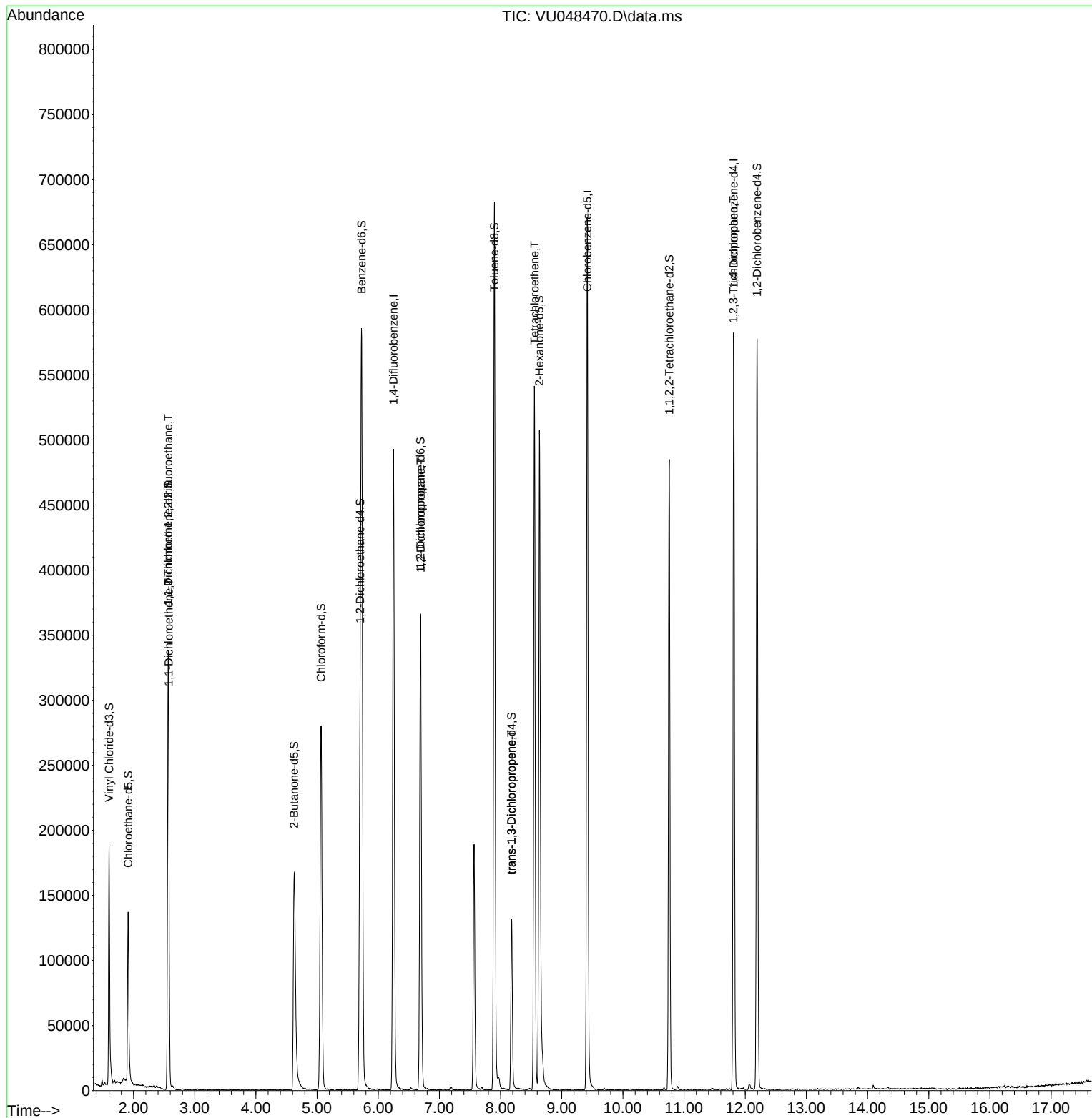
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	385713	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	368470	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	150551	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	150164	45.205	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.400%		
7) Chloroethane-d5	1.912	69	107876	49.759	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.520%		
11) 1,1-Dichloroethene-d2	2.568	63	205661	34.787	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.580%		
21) 2-Butanone-d5	4.626	46	268334	94.851	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.850%		
24) Chloroform-d	5.067	84	263351	45.643	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.280%		
26) 1,2-Dichloroethane-d4	5.703	65	178374	47.559	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.120%		
32) Benzene-d6	5.729	84	535139	47.793	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.580%		
36) 1,2-Dichloropropane-d6	6.690	67	176074	48.222	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.440%		
41) Toluene-d8	7.899	98	452504	45.694	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.380%		
43) trans-1,3-Dichloroprop...	8.179	79	75341	44.830	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.660%		
47) 2-Hexanone-d5	8.636	63	163391	92.454	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.450%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	242141	43.536	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.080%		
66) 1,2-Dichlorobenzene-d4	12.195	152	148137	49.691	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.380%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1666	0.583	ug/L #	19
12) 1,1-Dichloroethene	2.575	96	1717	0.635	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	18233	5.149	ug/L #	89
44) trans-1,3-Dichloropropene	8.179	75	3325	0.679	ug/L	96
46) Tetrachloroethene	8.555	164	120486	51.429	ug/L	97
60) 1,2,3-Trichloropropane	11.809	75	18114	4.609	ug/L #	68

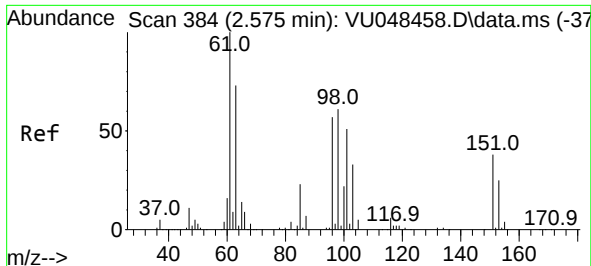
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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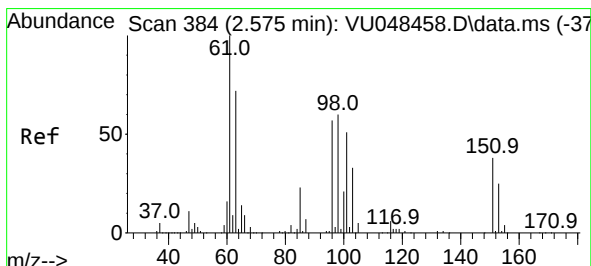
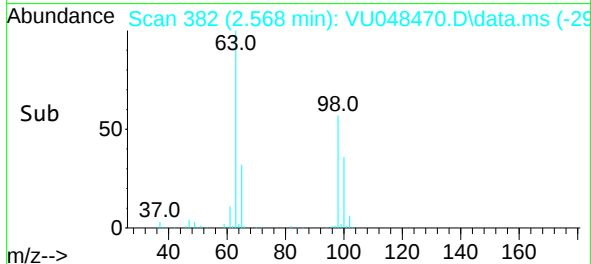
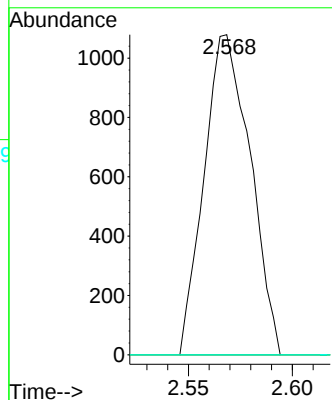
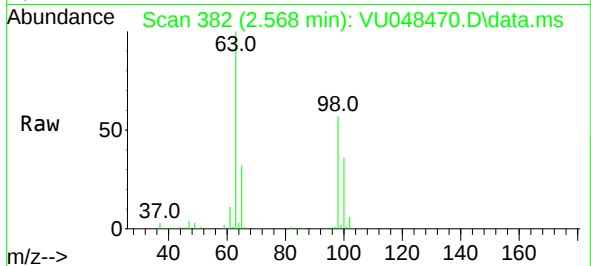




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.583 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.006 min
Lab File: VU048470.D
Acq: 06 May 2022 21:17

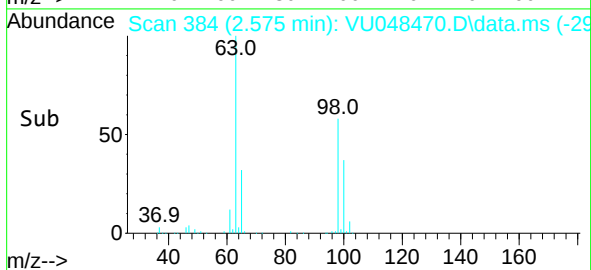
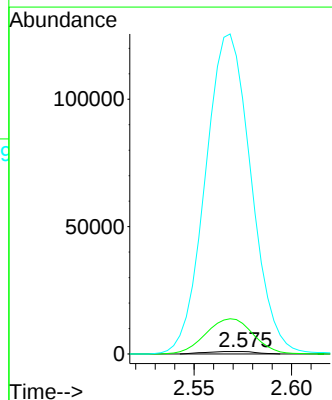
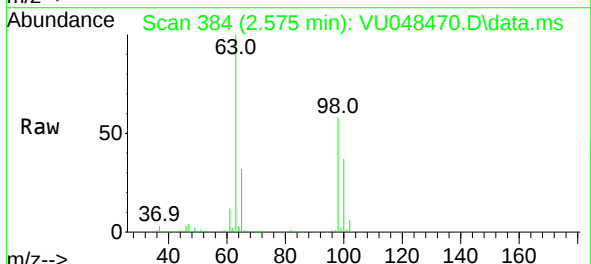
Instrument :
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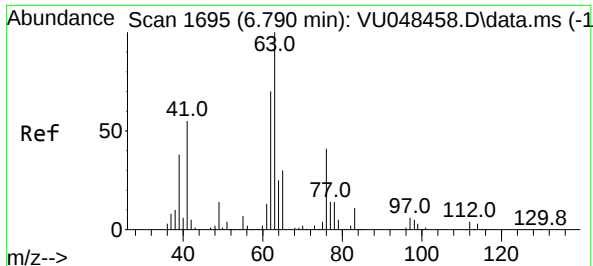
Tgt Ion:101 Resp: 1666
Ion Ratio Lower Upper
101 100
85 0.0 34.8 52.2#
151 0.0 60.7 91.1#



#12
1,1-Dichloroethene
Concen: 0.635 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU048470.D
Acq: 06 May 2022 21:17

Tgt Ion: 96 Resp: 1717
Ion Ratio Lower Upper
96 100
61 1243.7 124.5 231.3#
63 10374.4 92.5 171.9#

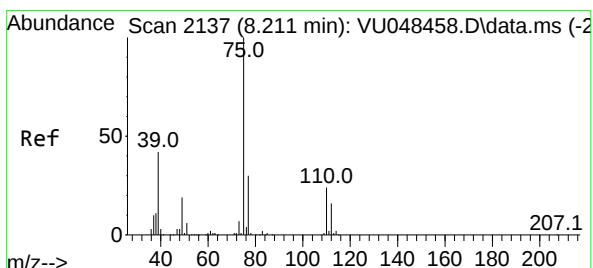
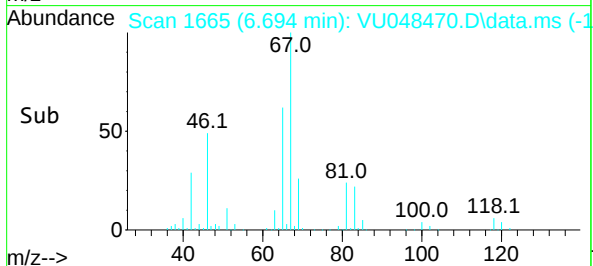
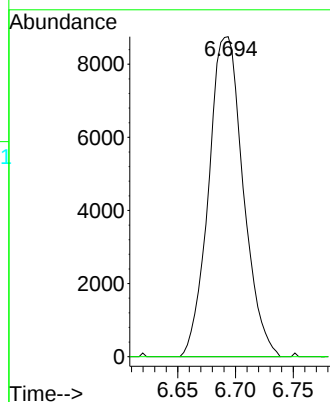
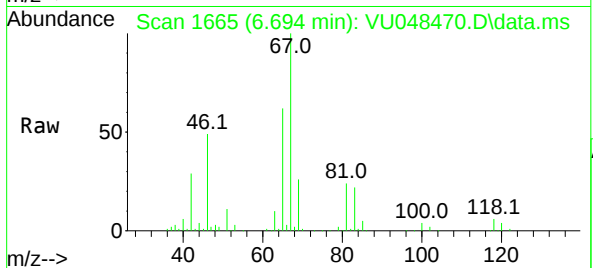




#37
1,2-Dichloropropane
Concen: 5.149 ug/L
RT: 6.694 min Scan# 11
Delta R.T. -0.096 min
Lab File: VU048470.D
Acq: 06 May 2022 21:17

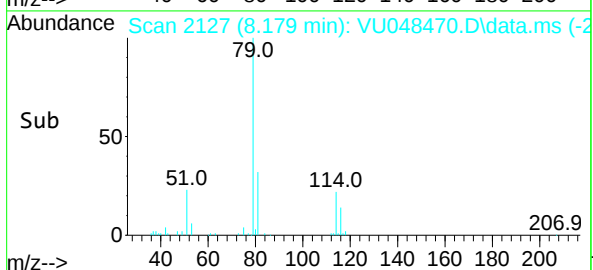
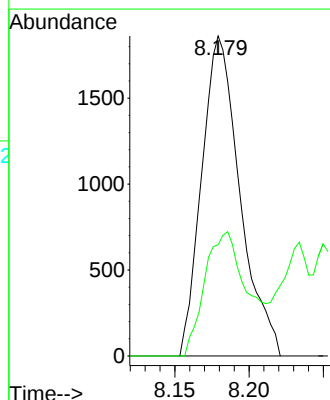
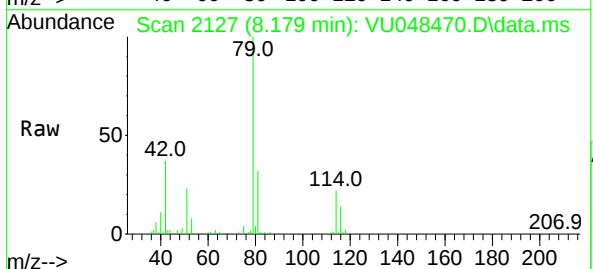
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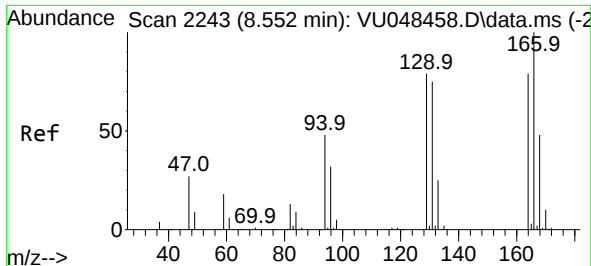
Tgt Ion: 63 Resp: 18233
Ion Ratio Lower Upper
63 100
112 0.4 3.1 4.7#



#44
trans-1,3-Dichloropropene
Concen: 0.679 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU048470.D
Acq: 06 May 2022 21:17

Tgt Ion: 75 Resp: 3325
Ion Ratio Lower Upper
75 100
77 34.7 22.6 42.0

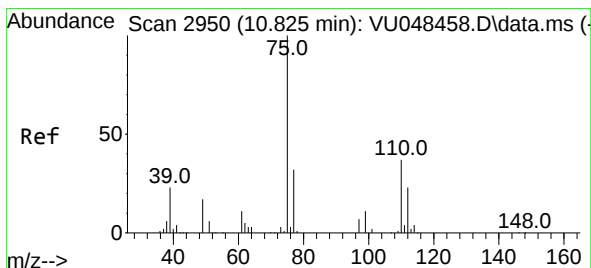
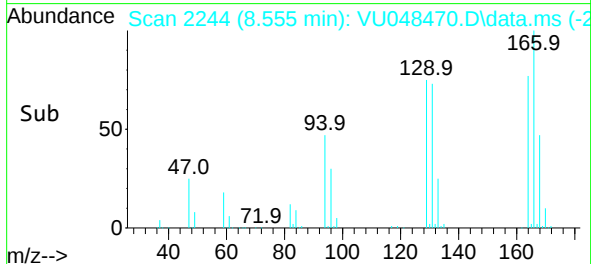
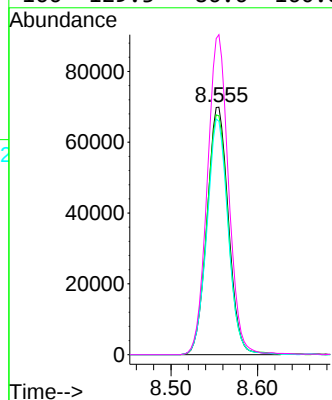
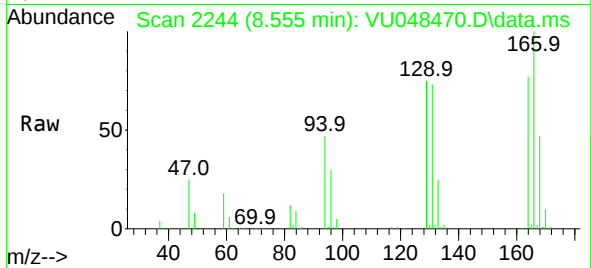




#46
Tetrachloroethene
Concen: 51.429 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048470.D
Acq: 06 May 2022 21:17

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MSVOA_U
ClientSampleId :
EXLA5

Tgt Ion:164 Resp: 120486
Ion Ratio Lower Upper
164 100
129 96.5 69.2 128.6
131 94.3 65.2 121.0
166 129.3 86.6 160.8



#60
1,2,3-Trichloropropane
Concen: 4.609 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.984 min
Lab File: VU048470.D
Acq: 06 May 2022 21:17

Tgt Ion: 75 Resp: 18114
Ion Ratio Lower Upper
75 100
77 34.2 25.5 38.3
110 2.3 28.9 43.3#

