

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
 Data File : VU048307.D
 Acq On : 27 Apr 2022 12:20
 Operator : SY/MD
 Sample : PB144390TB 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB390

Quant Time: Apr 28 04:36:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 28 04:33:44 2022
 Response via : Initial Calibration

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

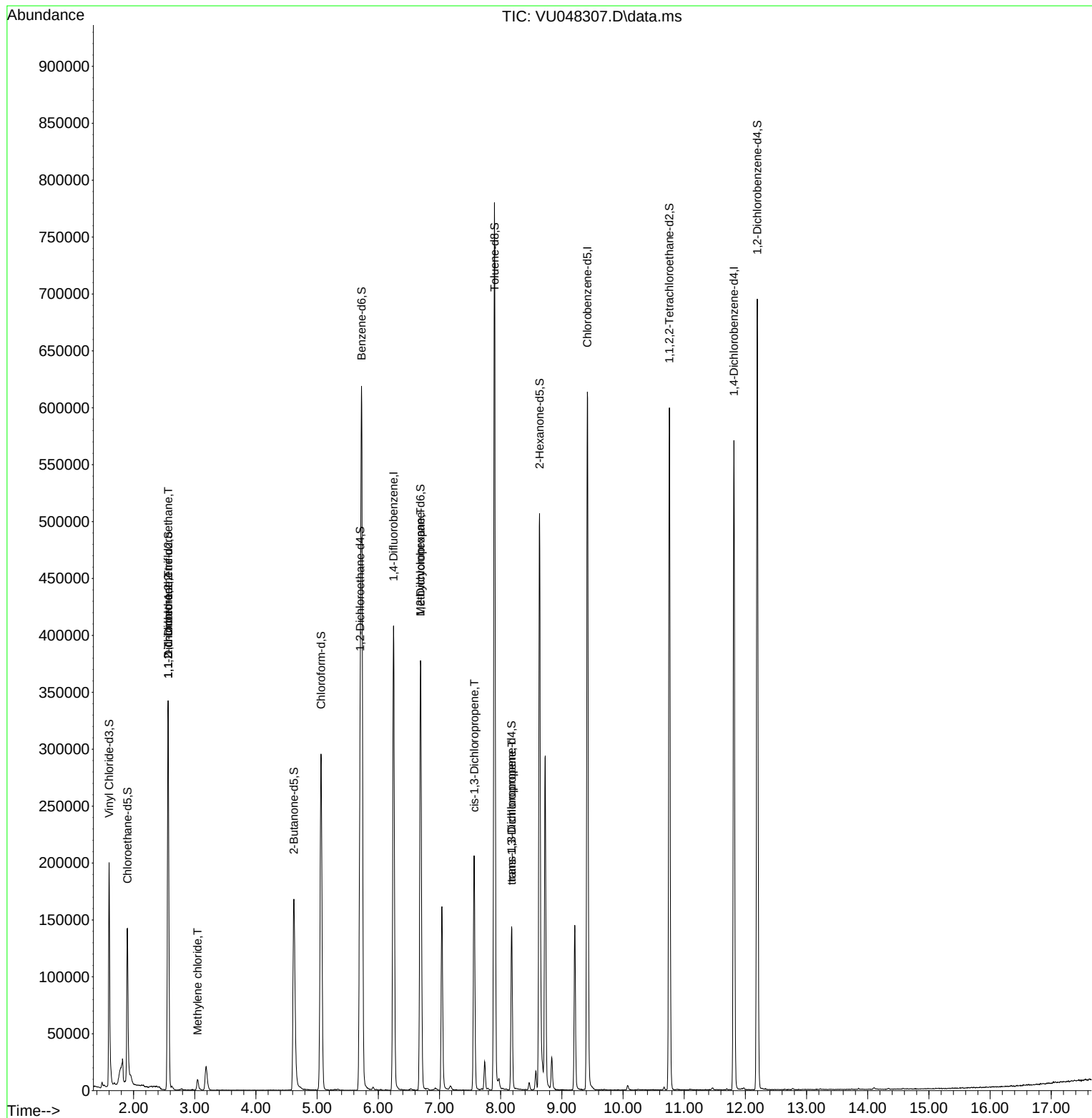
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	347918	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	361315	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	165811	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	159493	49.852	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.700%
7) Chloroethane-d5	1.899	69	118993	52.986	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.980%
11) 1,1-Dichloroethene-d2	2.565	63	198243	38.672	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.340%
21) 2-Butanone-d5	4.620	46	240352	88.081	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.080%
24) Chloroform-d	5.063	84	279279	48.126	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.260%
26) 1,2-Dichloroethane-d4	5.703	65	179598	52.161	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.320%
32) Benzene-d6	5.729	84	588386	51.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.260%
36) 1,2-Dichloropropane-d6	6.690	67	188871	50.134	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.260%
41) Toluene-d8	7.899	98	528681	51.183	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.360%
43) trans-1,3-Dichloroprop...	8.179	79	80989	48.719	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.440%
47) 2-Hexanone-d5	8.636	63	173077	85.152	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.150%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	299097	45.268	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.540%
66) 1,2-Dichlorobenzene-d4	12.195	152	197035	52.825	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.640%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1866	0.712	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1590	0.695	ug/L #	1
16) Methylene chloride	3.044	84	5520	1.872	ug/L	92
35) Methylcyclohexane	6.690	83	42233	11.472	ug/L #	20
39) cis-1,3-Dichloropropene	7.568	75	4741	1.108	ug/L #	66
44) trans-1,3-Dichloropropene	8.182	75	3541	0.847	ug/L	94

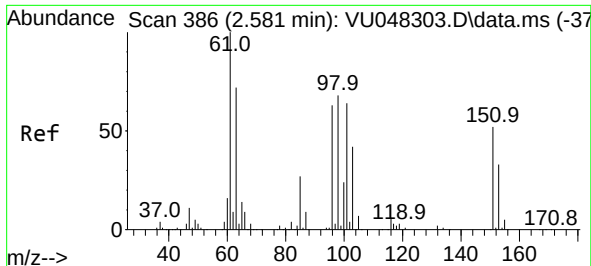
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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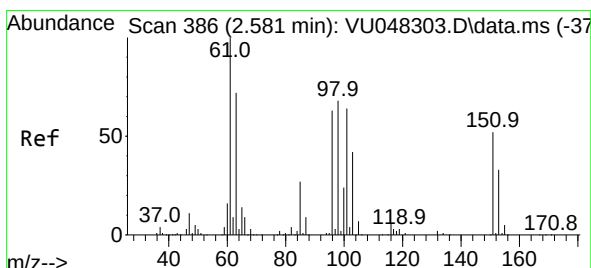
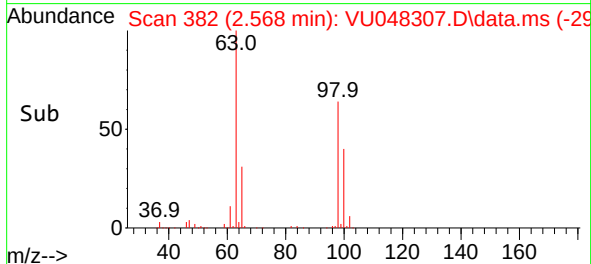
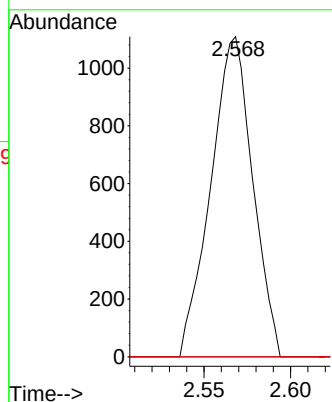
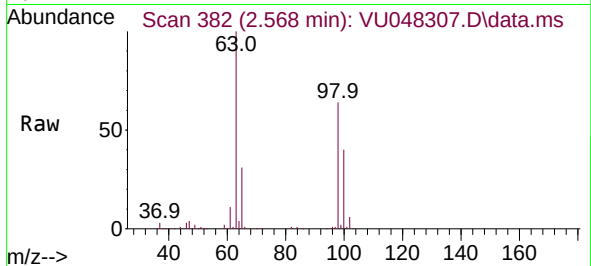




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.712 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU048307.D
 Acq: 27 Apr 2022 12:20

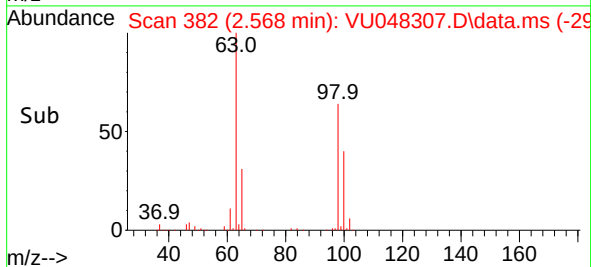
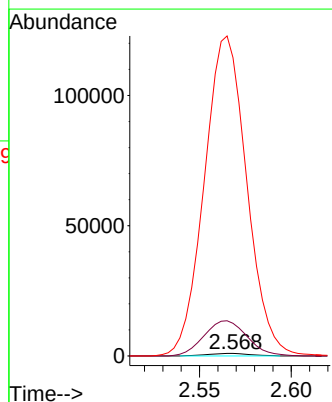
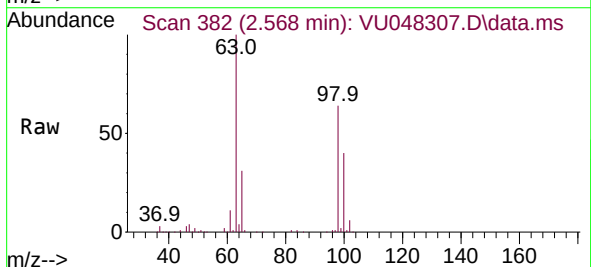
Instrument :
 MSVOA_U
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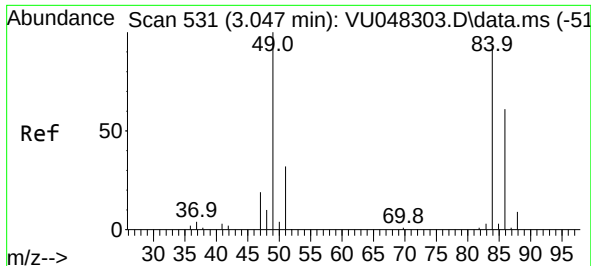
Tgt Ion:101 Resp: 1866
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.6 48.8#
 151 0.0 64.1 96.1#



#12
 1,1-Dichloroethene
 Concen: 0.695 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU048307.D
 Acq: 27 Apr 2022 12:20

Tgt Ion: 96 Resp: 1590
 Ion Ratio Lower Upper
 96 100
 61 1279.6 107.9 200.3#
 63 11661.9 80.3 149.1#

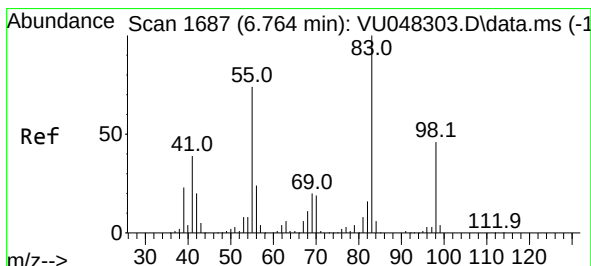
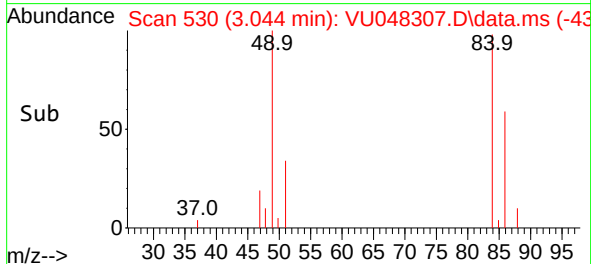
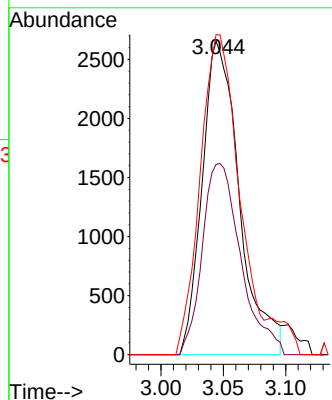
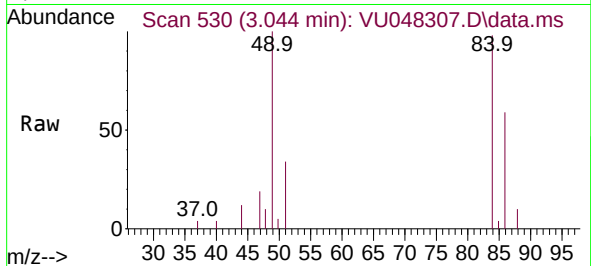




#16
Methylene chloride
Concen: 1.872 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048307.D
Acq: 27 Apr 2022 12:20

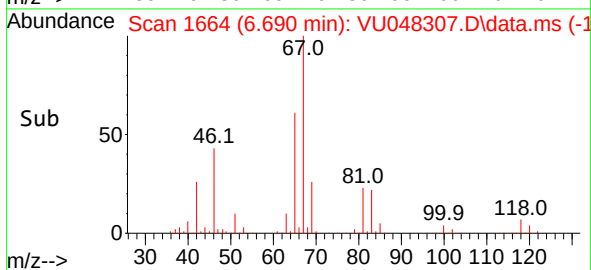
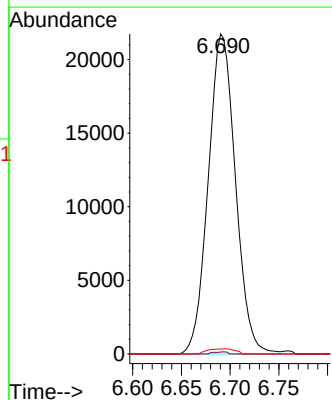
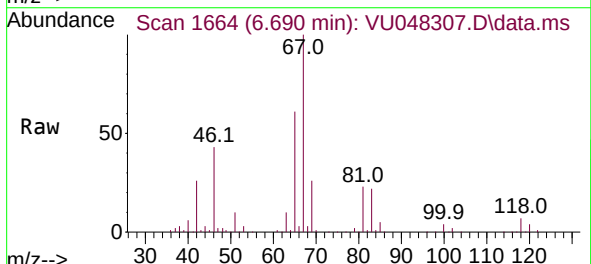
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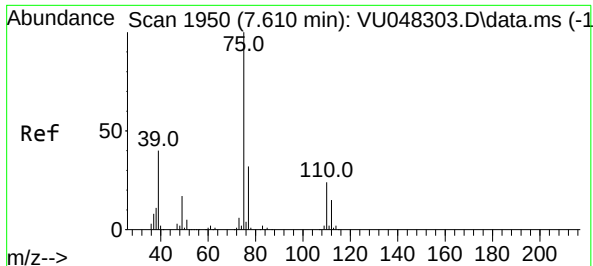
Tgt Ion: 84 Resp: 5520
Ion Ratio Lower Upper
84 100
86 60.7 45.4 84.2
49 102.1 79.2 147.0



#35
Methylcyclohexane
Concen: 11.472 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU048307.D
Acq: 27 Apr 2022 12:20

Tgt Ion: 83 Resp: 42233
Ion Ratio Lower Upper
83 100
55 0.2 59.4 89.2#
98 1.6 37.3 55.9#





#39

cis-1,3-Dichloropropene

Concen: 1.108 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU048307.D

Acq: 27 Apr 2022 12:20

Instrument :

MSVOA_U

ClientSampleId :

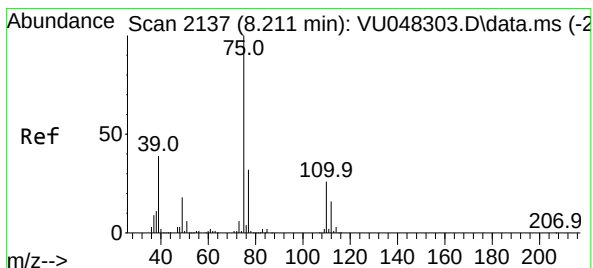
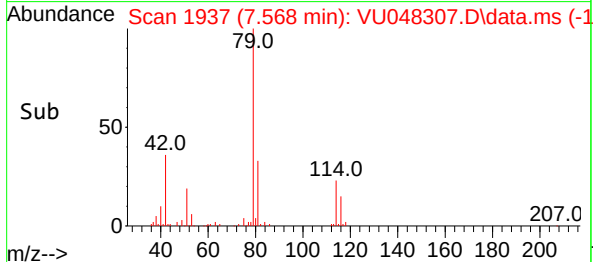
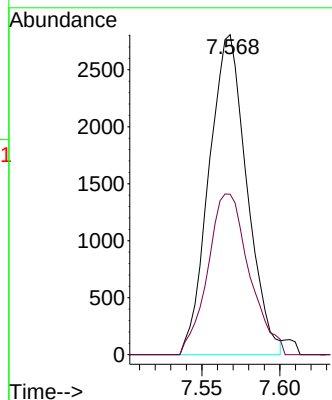
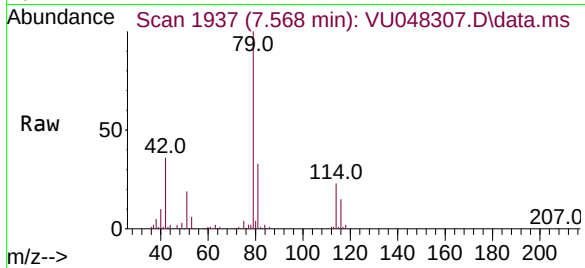
VLEB390

Tgt Ion: 75 Resp: 4741

Ion Ratio Lower Upper

75 100

77 50.1 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.847 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU048307.D

Acq: 27 Apr 2022 12:20

Tgt Ion: 75 Resp: 3541

Ion Ratio Lower Upper

75 100

77 34.9 22.1 41.1

