

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043023\
 Data File : VU053991.D
 Acq On : 29 Apr 2023 17:15
 Operator : JC/MD
 Sample : 02565-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AY3

Quant Time: May 01 02:58:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 01 02:19:21 2023
 Response via : Initial Calibration

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

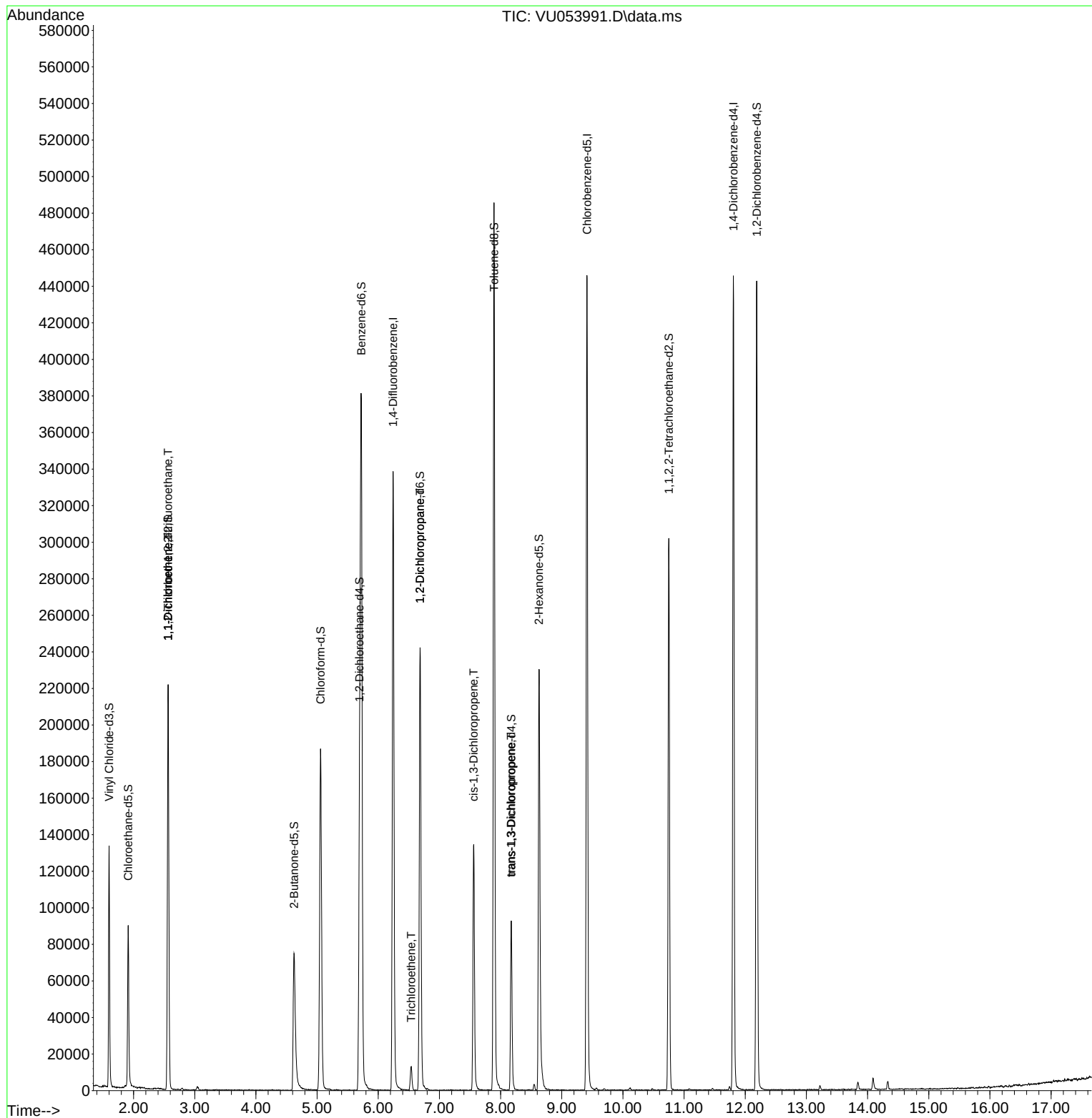
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	281104	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	255685	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	122631	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	99000	46.566	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.140%		
7) Chloroethane-d5	1.912	69	65755	47.117	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.240%		
11) 1,1-Dichloroethene-d2	2.565	63	135127	35.835	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.680%		
21) 2-Butanone-d5	4.623	46	120807	99.631	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.630%		
24) Chloroform-d	5.057	84	174995	44.817	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.640%		
26) 1,2-Dichloroethane-d4	5.694	65	116871	46.617	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.240%		
32) Benzene-d6	5.723	84	364612	48.446	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.900%		
36) 1,2-Dichloropropane-d6	6.684	67	115934	48.795	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.600%		
41) Toluene-d8	7.893	98	321659	47.339	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.680%		
43) trans-1,3-Dichloroprop...	8.176	79	55640	47.321	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.640%		
47) 2-Hexanone-d5	8.629	63	83732	98.394	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.390%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	146585	46.838	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.680%		
66) 1,2-Dichlorobenzene-d4	12.188	152	120758	50.407	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.820%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1401	0.745	ug/L #	19
12) 1,1-Dichloroethene	2.565	96	1215	0.745	ug/L #	1
34) Trichloroethene	6.539	95	4261	2.157	ug/L	94
37) 1,2-Dichloropropane	6.684	63	12847	6.102	ug/L #	87
39) cis-1,3-Dichloropropene	7.558	75	3692	1.121	ug/L	90
44) trans-1,3-Dichloropropene	8.173	75	2545	0.813	ug/L	95

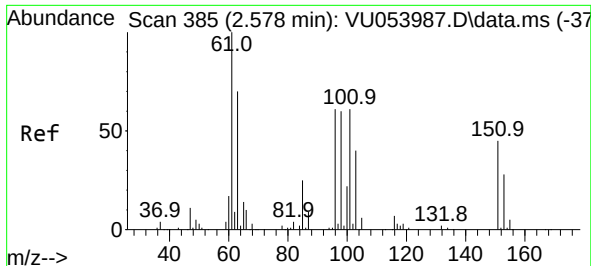
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 01 02:19:21 2023
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.745 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU053991.D

Acq: 29 Apr 2023 17:15

Instrument :

MSVOA_U

ClientSampleId :

C0AY3

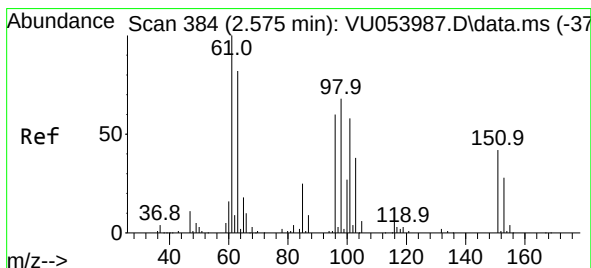
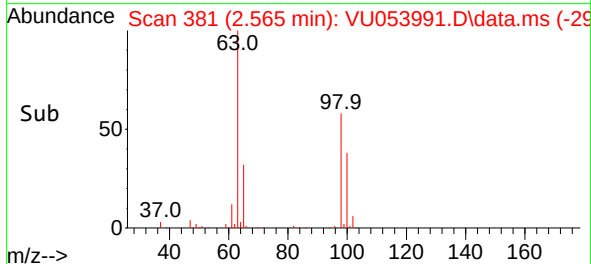
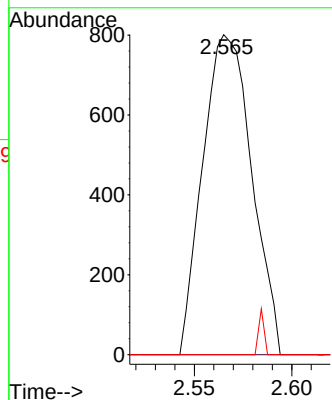
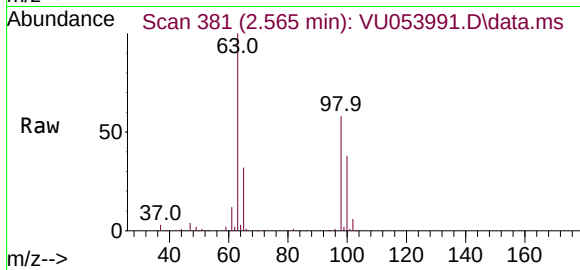
Tgt Ion:101 Resp: 1401

Ion Ratio Lower Upper

101 100

85 0.0 34.3 51.5#

151 0.0 60.3 90.5#



#12

1,1-Dichloroethene

Concen: 0.745 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.010 min

Lab File: VU053991.D

Acq: 29 Apr 2023 17:15

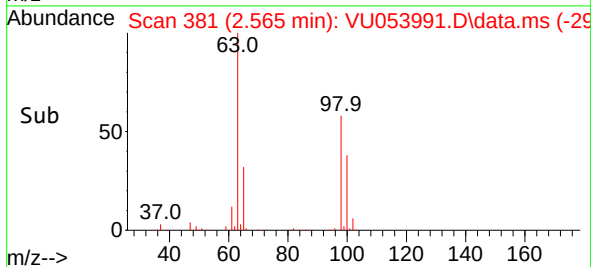
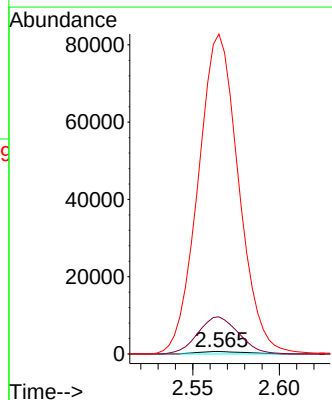
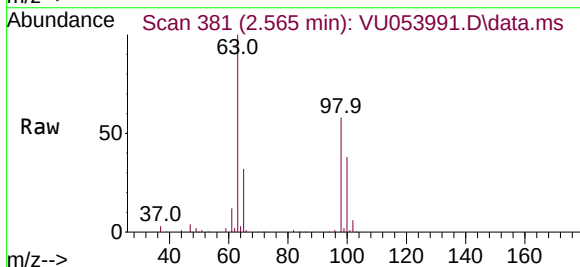
Tgt Ion: 96 Resp: 1215

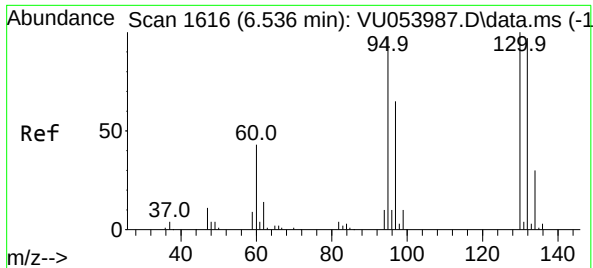
Ion Ratio Lower Upper

96 100

61 1508.6 118.3 219.7#

63 13003.5 92.3 171.5#

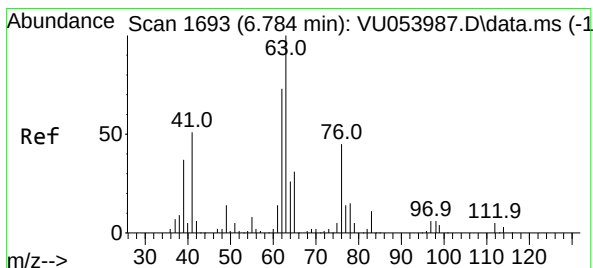
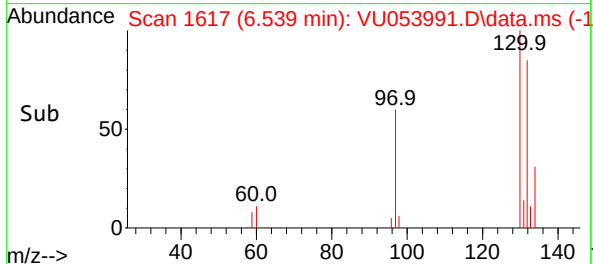
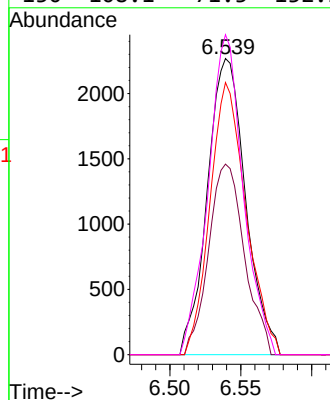
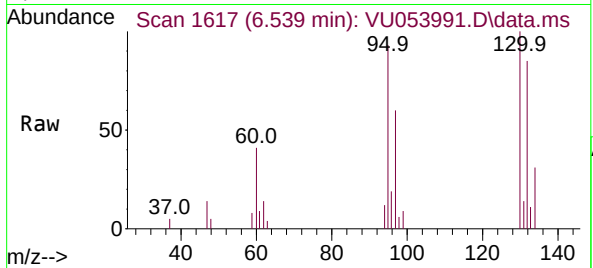




#34
Trichloroethene
Concen: 2.157 ug/L
RT: 6.539 min Scan# 1616
Delta R.T. 0.003 min
Lab File: VU053991.D
Acq: 29 Apr 2023 17:15

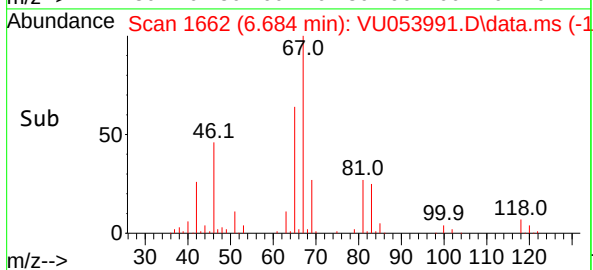
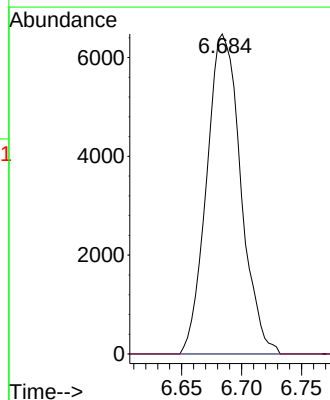
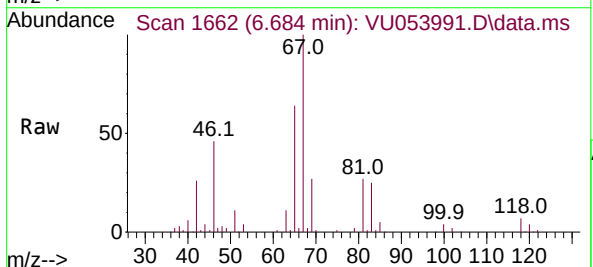
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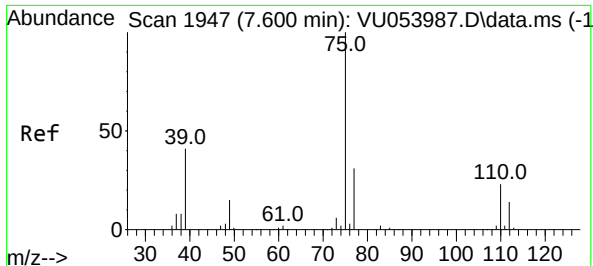
Tgt Ion: 95 Resp: 4261
Ion Ratio Lower Upper
95 100
97 64.4 46.5 86.3
132 104.2 67.8 126.0
130 108.1 71.3 132.3



#37
1,2-Dichloropropane
Concen: 6.102 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.100 min
Lab File: VU053991.D
Acq: 29 Apr 2023 17:15

Tgt Ion: 63 Resp: 12847
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 1.121 ug/L

RT: 7.558 min Scan# 1947

Delta R.T. -0.042 min

Lab File: VU053991.D

Acq: 29 Apr 2023 17:15

Instrument :

MSVOA_U

ClientSampleId :

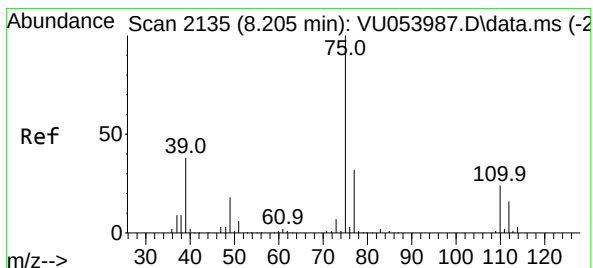
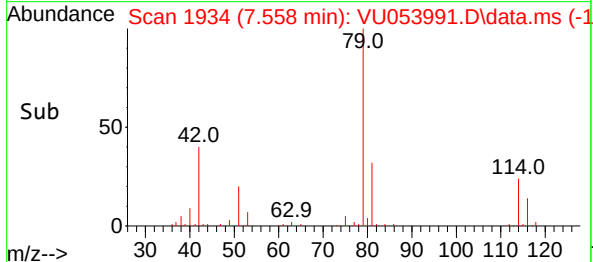
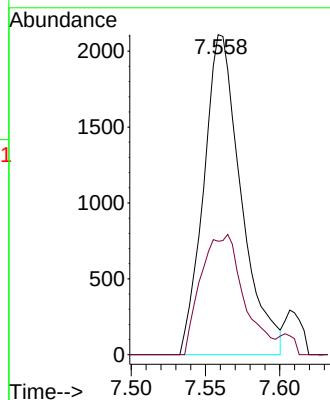
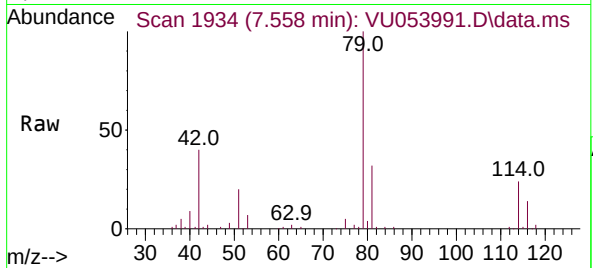
C0AY3

Tgt Ion: 75 Resp: 3692

Ion Ratio Lower Upper

75 100

77 35.5 21.1 39.1



#44

trans-1,3-Dichloropropene

Concen: 0.813 ug/L

RT: 8.173 min Scan# 2125

Delta R.T. -0.032 min

Lab File: VU053991.D

Acq: 29 Apr 2023 17:15

Tgt Ion: 75 Resp: 2545

Ion Ratio Lower Upper

75 100

77 34.6 22.5 41.7

