

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051199.D
 Acq On : 07 Oct 2022 02:25
 Operator : JC/MD
 Sample : N4890-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY0E6

Quant Time: Oct 07 06:30:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 02:51:40 2022
 Response via : Initial Calibration

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

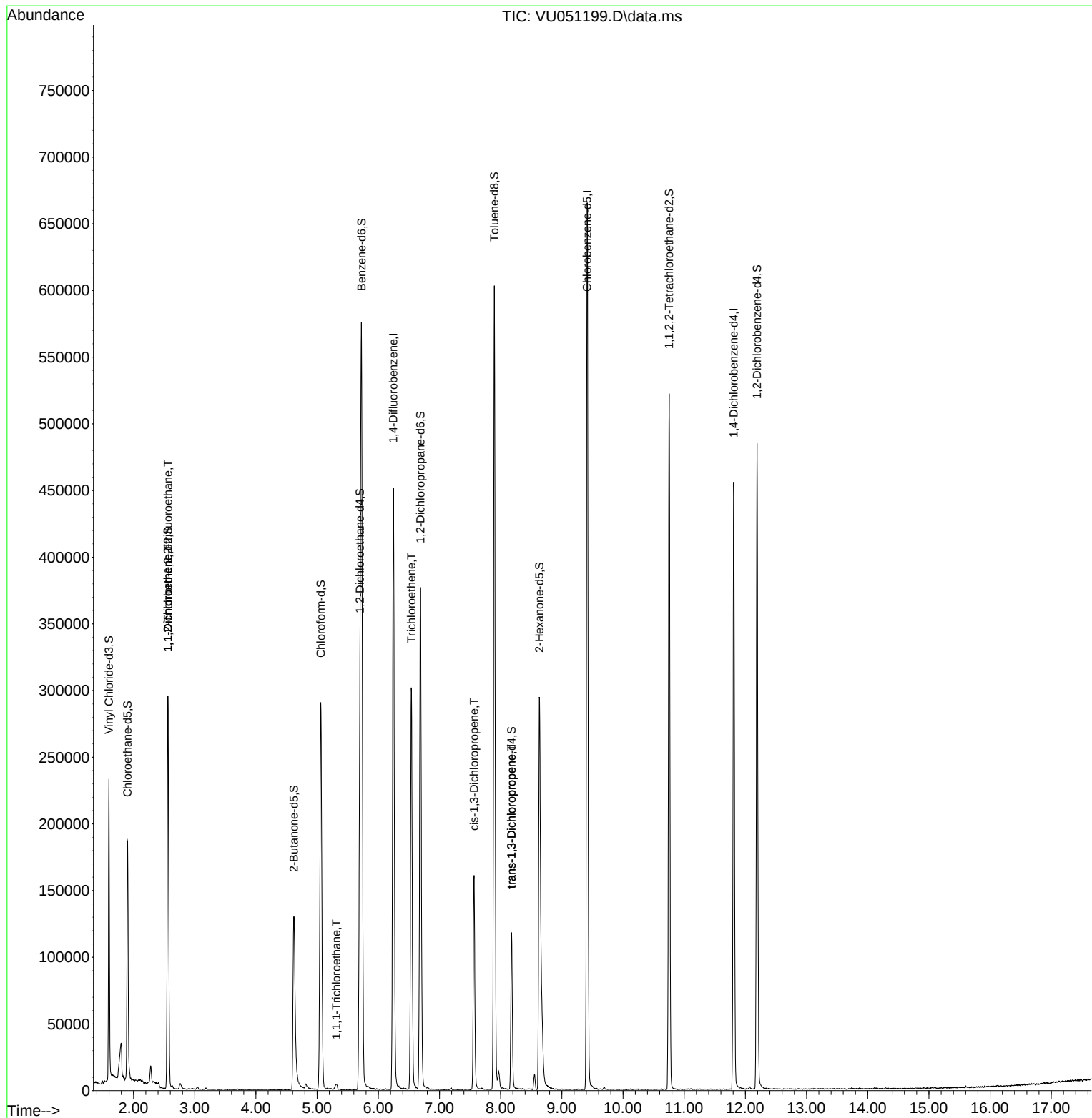
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	354217	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	373361	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	121902	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	152180	42.392	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.780%
7) Chloroethane-d5	1.903	69	137585	41.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.520%
11) 1,1-Dichloroethene-d2	2.562	63	178618	33.684	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.360%
21) 2-Butanone-d5	4.620	46	184310	79.161	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.160%
24) Chloroform-d	5.060	84	272904	47.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.380%
26) 1,2-Dichloroethane-d4	5.700	65	176913	49.419	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.840%
32) Benzene-d6	5.726	84	529711	48.449	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.900%
36) 1,2-Dichloropropane-d6	6.687	67	182803	51.526	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.060%
41) Toluene-d8	7.896	98	408467	40.436	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.880%
43) trans-1,3-Dichloroprop...	8.176	79	66369	39.221	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.440%
47) 2-Hexanone-d5	8.632	63	80817	56.415	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	56.420%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	267339	43.116	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.240%
66) 1,2-Dichlorobenzene-d4	12.192	152	126985	48.762	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.520%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1499	0.554	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1201	0.475	ug/L #	1
30) 1,1,1-Trichloroethane	5.314	97	3325	0.759	ug/L #	83
34) Trichloroethene	6.539	95	104957	35.600	ug/L	99
39) cis-1,3-Dichloropropene	7.565	75	3808	0.877	ug/L #	46
44) trans-1,3-Dichloropropene	8.176	75	2907	0.662	ug/L #	81

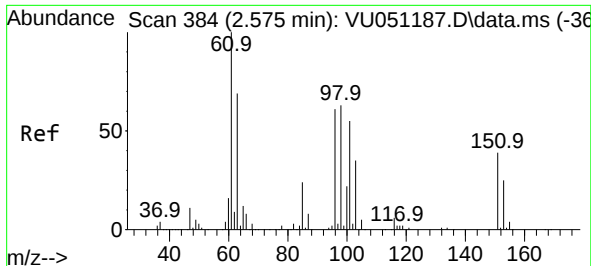
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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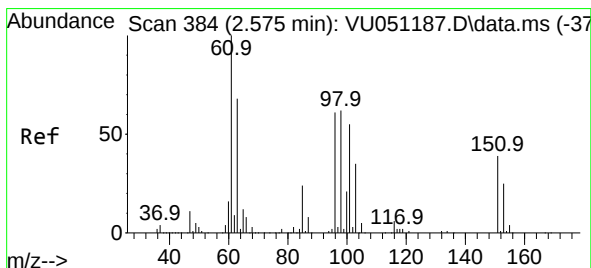
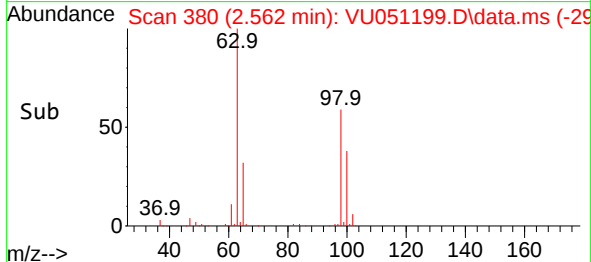
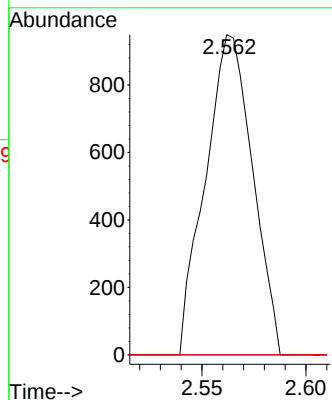
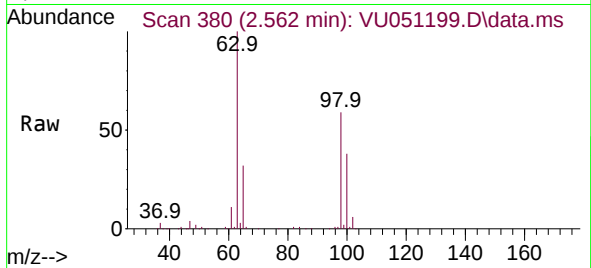




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.554 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU051199.D
Acq: 07 Oct 2022 02:25

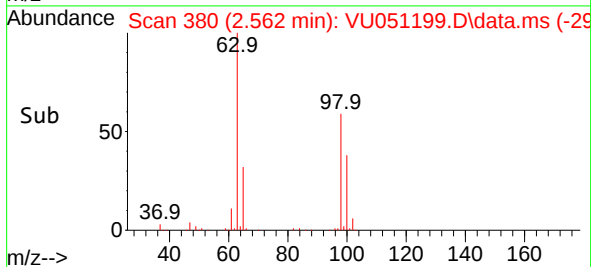
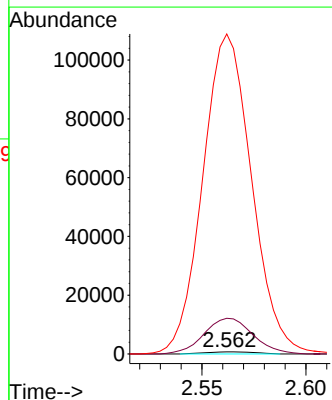
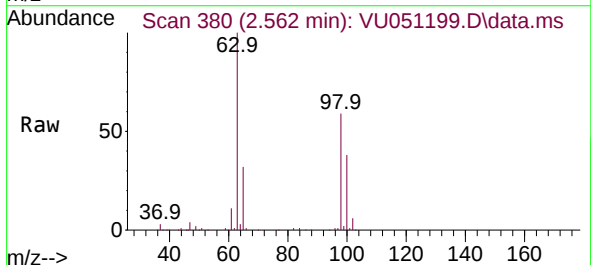
Instrument :
MSVOA_U
ClientSampleId :
EY0E6

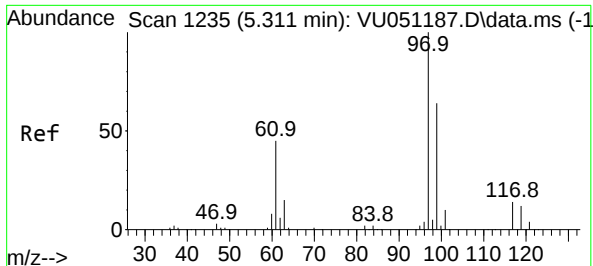
Tgt Ion:101 Resp: 1499
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.475 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU051199.D
Acq: 07 Oct 2022 02:25

Tgt Ion: 96 Resp: 1201
Ion Ratio Lower Upper
96 100
61 1723.3 113.0 209.9#
63 15446.2 91.7 170.3#





#30

1,1,1-Trichloroethane

Concen: 0.759 ug/L

RT: 5.314 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051199.D

Acq: 07 Oct 2022 02:25

Instrument :

MSVOA_U

ClientSampleId :

EY0E6

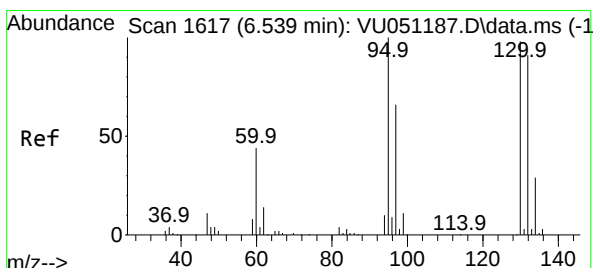
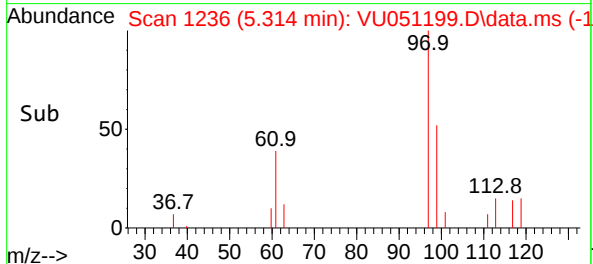
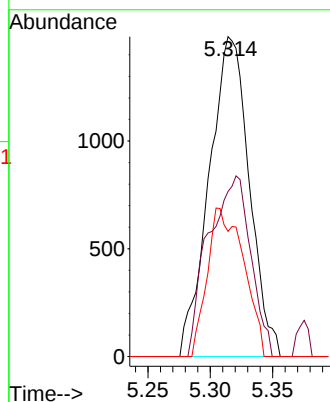
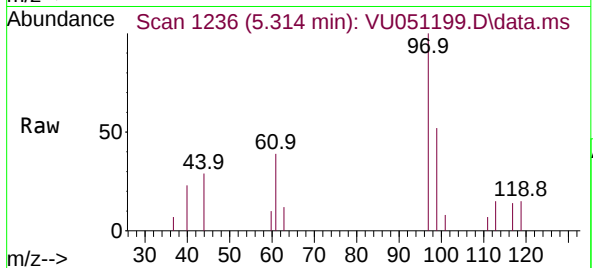
Tgt Ion: 97 Resp: 3325

Ion Ratio Lower Upper

97 100

99 59.1 51.4 77.2

61 23.9 36.0 54.0#



#34

Trichloroethene

Concen: 35.600 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VU051199.D

Acq: 07 Oct 2022 02:25

Tgt Ion: 95 Resp: 104957

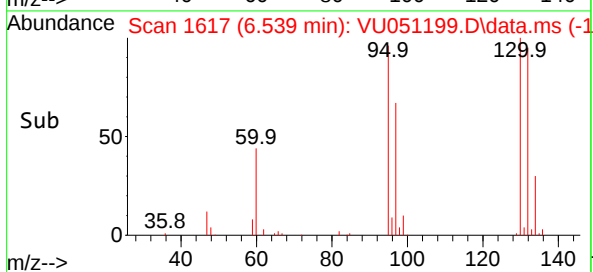
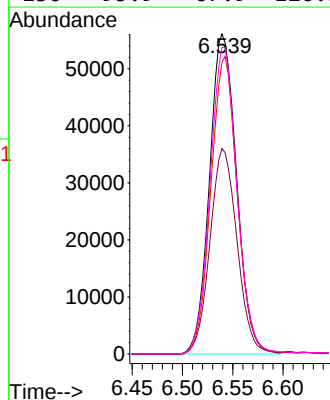
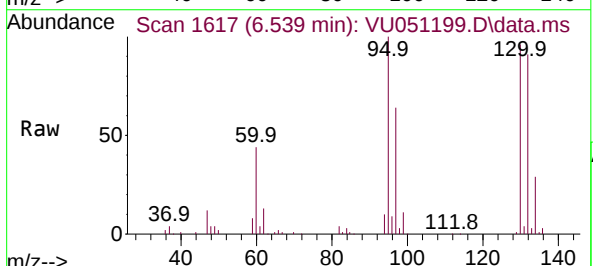
Ion Ratio Lower Upper

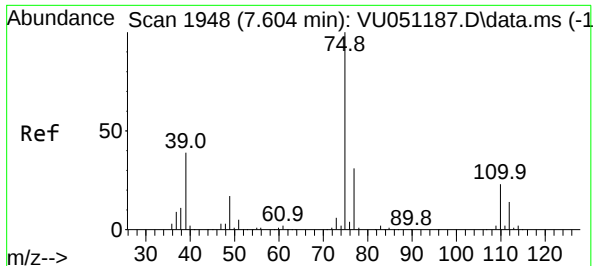
95 100

97 64.2 45.9 85.3

132 91.2 64.0 119.0

130 95.9 67.9 126.1





#39

cis-1,3-Dichloropropene

Concen: 0.877 ug/L

RT: 7.565 min Scan# 1948

Delta R.T. -0.039 min

Lab File: VU051199.D

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Instrument :

MSVOA_U

ClientSampleId :

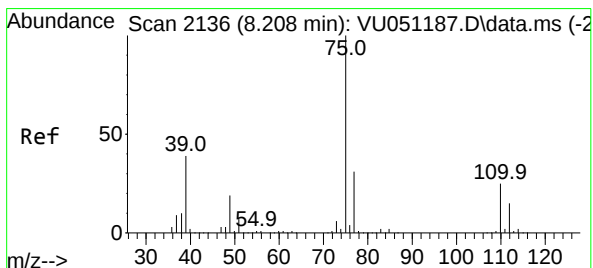
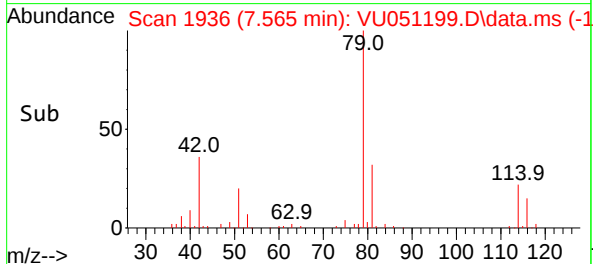
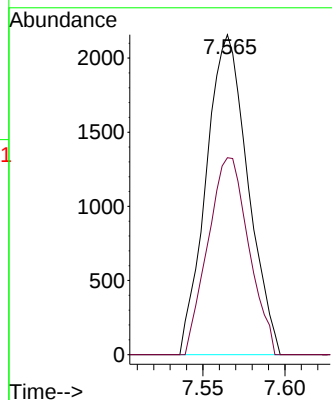
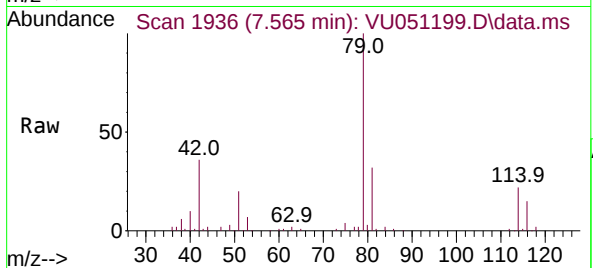
EY0E6

Tgt Ion: 75 Resp: 3808

Ion Ratio Lower Upper

75 100

77 61.5 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.662 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU051199.D

Acq: 07 Oct 2022 02:25

Tgt Ion: 75 Resp: 2907

Ion Ratio Lower Upper

75 100

77 43.0 22.7 42.3#

