

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063031.D
 Acq On : 27 Jan 2025 21:28
 Operator : MD/SY
 Sample : Q1174-27
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2954

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/30/2025
 Supervised By :Semsettin Yesilyurt 01/30/2025

Quant Time: Jan 29 07:31:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 07:27:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	90301	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	84084	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	18325	5.645	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.000%
7) Chloroethane-d5	1.904	69	11248	4.564	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.554	65	8574	4.417	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.624	46	29401	31.207	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	62.420%
24) Chloroform-d	5.049	84	51730	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
26) 1,2-Dichloroethane-d4	5.689	65	30602	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	5.714	84	78776	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.676	67	19394	3.964	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.888	98	77914	4.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.171	79	12622	4.167	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.624	63	29751	39.368	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.740%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	19073	4.106	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	39034	4.412	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
14) Carbon disulfide	2.779	76	6523	0.543	ug/L #	93
42) Toluene	7.959	91	34614	1.430	ug/L	100
53) m,p-Xylene	9.688	106	1211	0.111	ug/L	87
54) o-Xylene	10.094	106	1263	0.127	ug/L	81
62) 1,3,5-Trimethylbenzene	11.081	105	6169	0.225	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	24813m	0.955	ug/L	

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

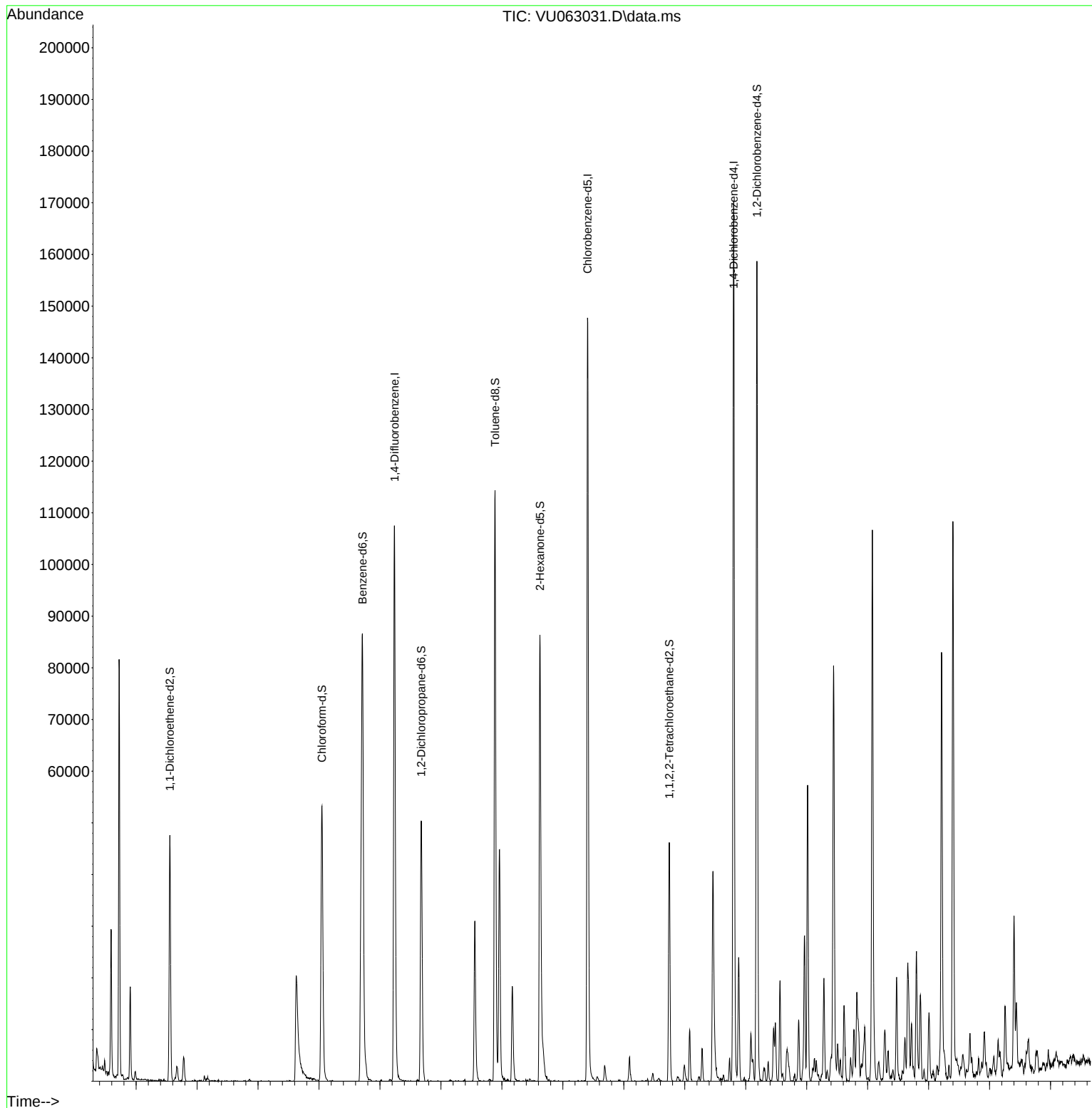
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
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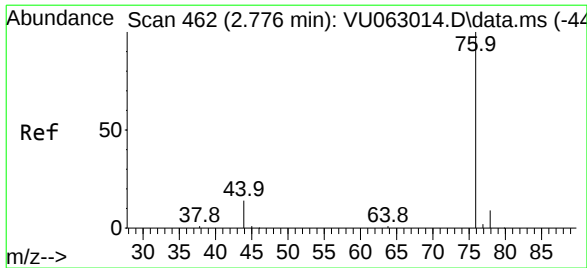
Instrument :
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 07:27:08 2025
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.543 ug/L

RT: 2.779 min Scan# 462

Delta R.T. 0.003 min

Lab File: VU063031.D

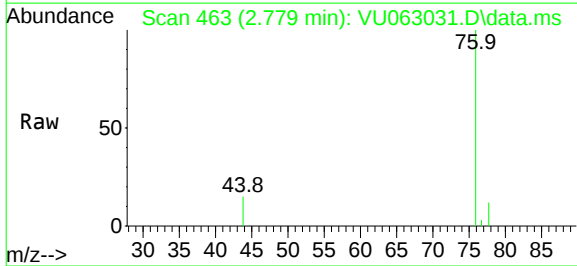
Acq: 27 Jan 2025 21:28

Instrument :

MSVOA_U

ClientSampleId :

E2954



Tgt Ion: 76 Resp: 6523

Ion Ratio Lower Upper

76 100

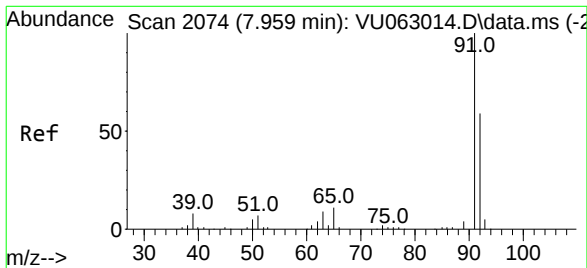
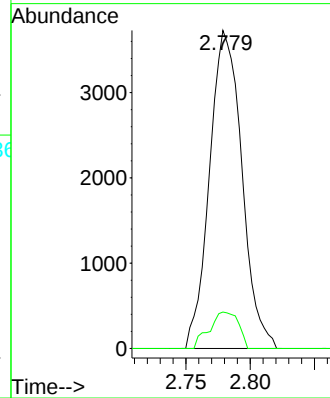
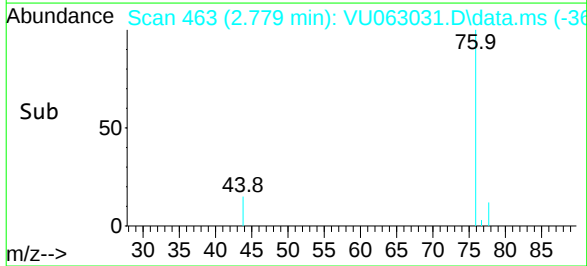
78 11.5 7.0 10.6

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#42

Toluene

Concen: 1.430 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU063031.D

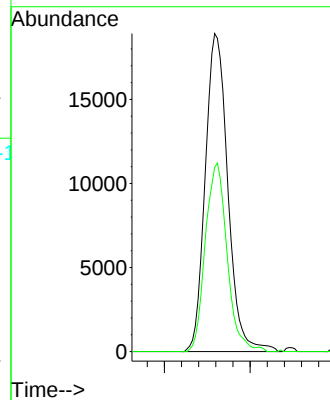
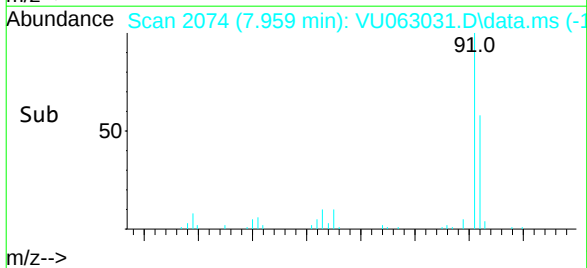
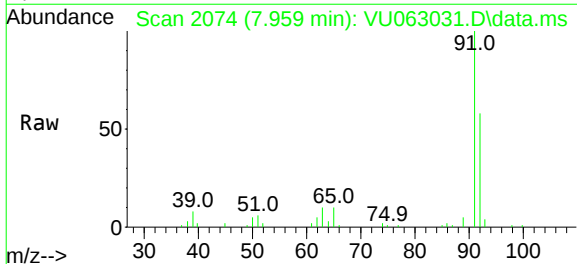
Acq: 27 Jan 2025 21:28

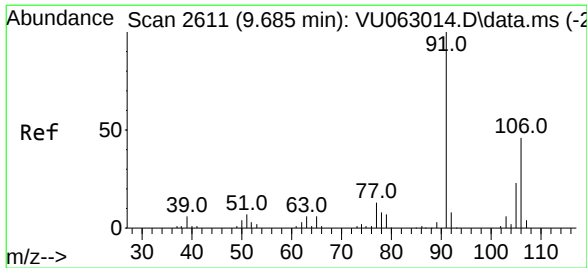
Tgt Ion: 91 Resp: 34614

Ion Ratio Lower Upper

91 100

92 57.9 40.4 75.0





#53

m,p-Xylene

Concen: 0.111 ug/L

RT: 9.688 min Scan# 2611

Delta R.T. 0.003 min

Lab File: VU063031.D

Acq: 27 Jan 2025 21:28

Instrument :

MSVOA_U

ClientSampleId :

E2954

Tgt Ion:106 Resp: 1211

Ion Ratio Lower Upper

106 100

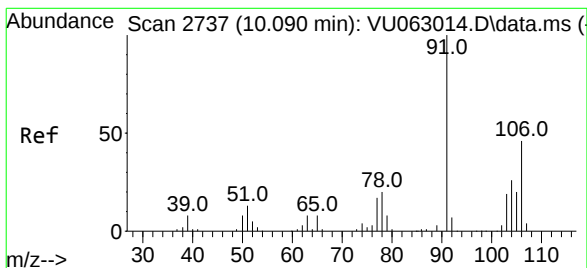
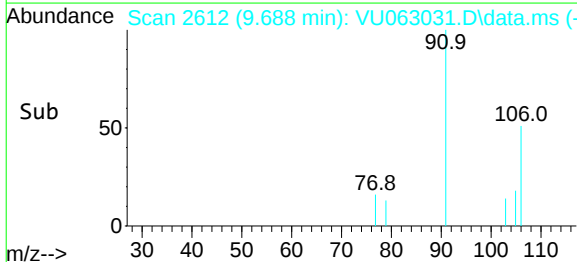
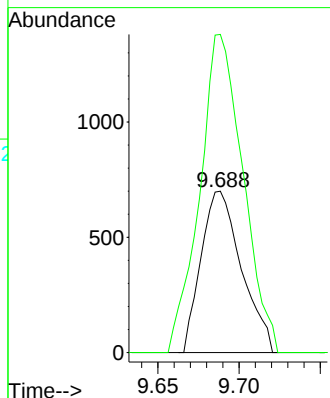
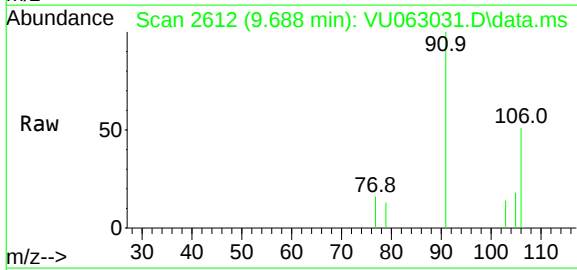
91 197.1 153.1 284.3

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#54

o-Xylene

Concen: 0.127 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.003 min

Lab File: VU063031.D

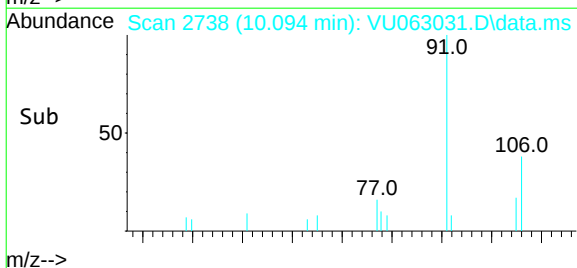
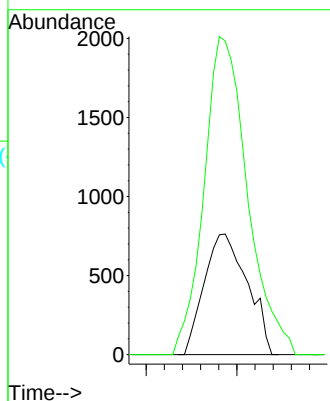
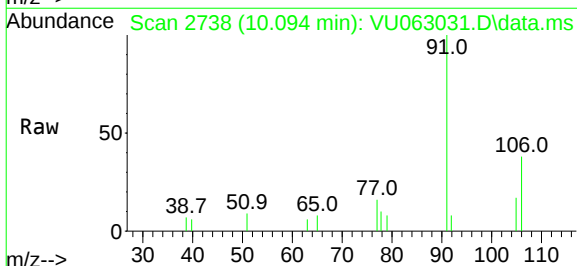
Acq: 27 Jan 2025 21:28

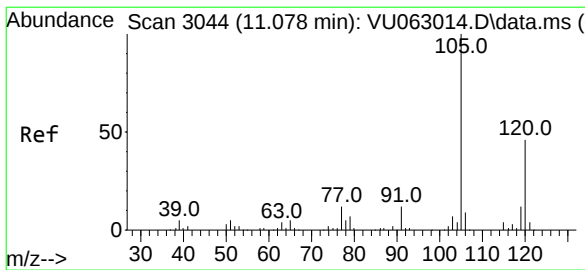
Tgt Ion:106 Resp: 1263

Ion Ratio Lower Upper

106 100

91 260.0 160.4 297.8





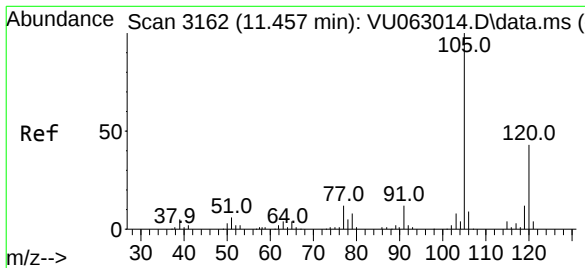
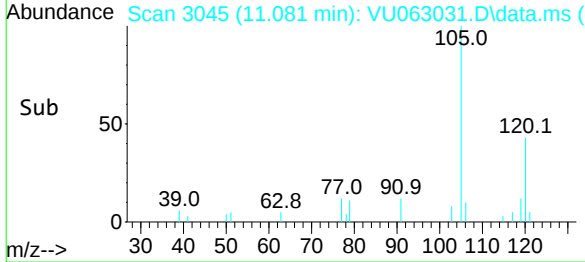
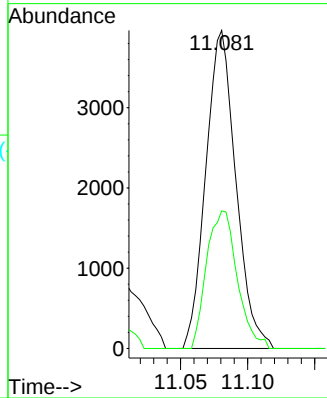
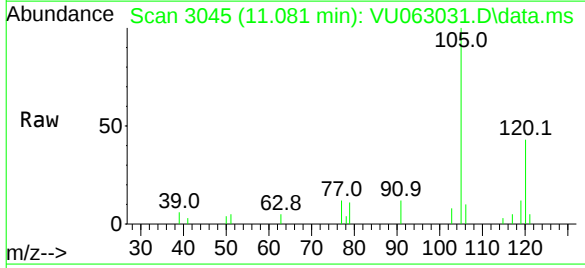
#62
1,3,5-Trimethylbenzene
Concen: 0.225 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063031.D
Acq: 27 Jan 2025 21:28

Instrument :
MSVOA_U
ClientSampleId :
E2954

Tgt Ion:105 Resp: 6169
Ion Ratio Lower Upper
105 100
120 44.0 35.9 53.9

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#63
1,2,4-Trimethylbenzene
Concen: 0.955 ug/L m
RT: 11.463 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VU063031.D
Acq: 27 Jan 2025 21:28

Tgt Ion:105 Resp: 24813
Ion Ratio Lower Upper
105 100
120 10.9 34.2 51.2#

