

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
 Data File : VU062986.D
 Acq On : 24 Jan 2025 12:22
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 19:03:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 24 19:02:27 2025
 Response via : Initial Calibration

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

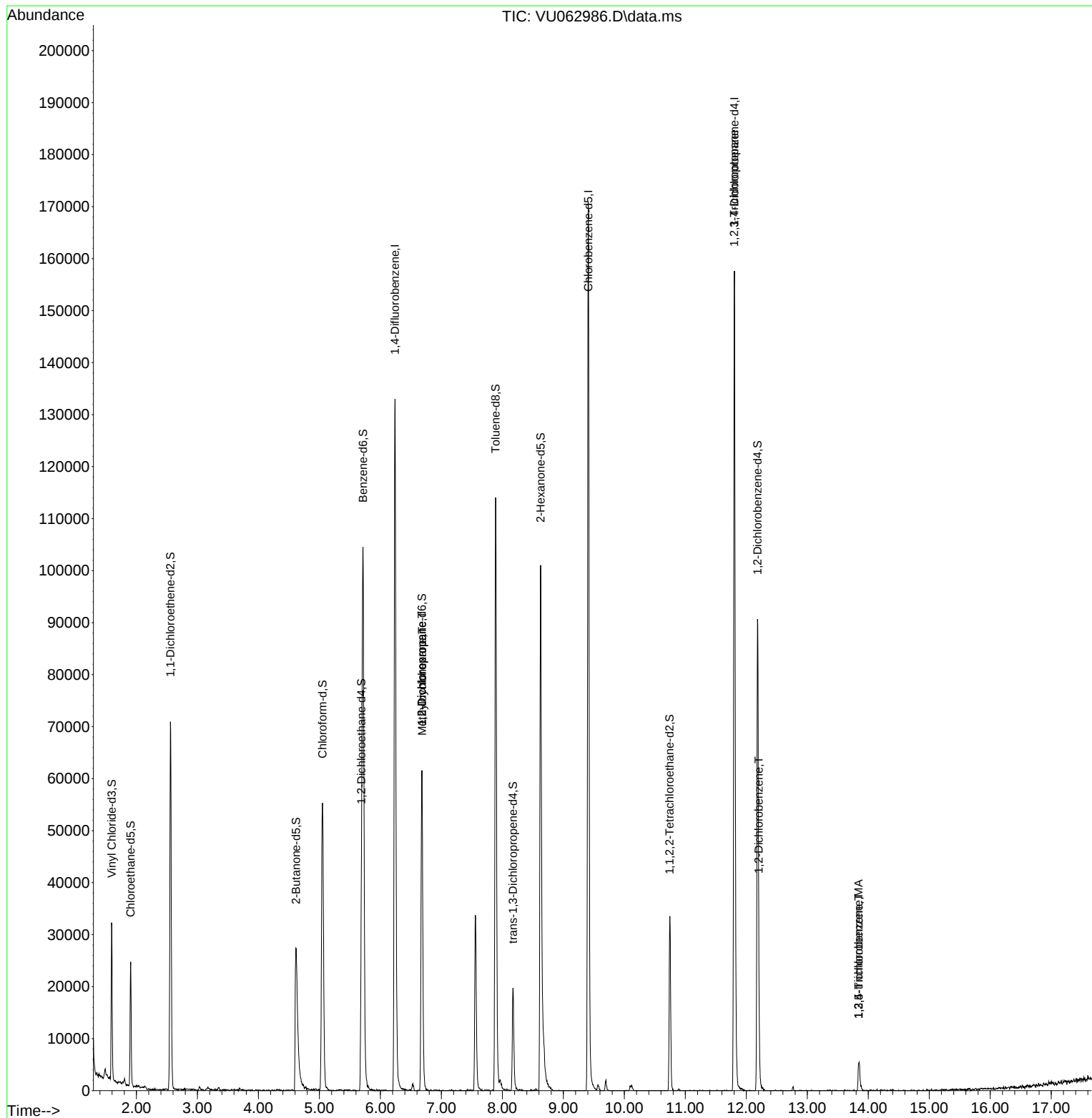
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	110060	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	95185	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45432	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21139	3.468	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.904	69	16570	3.379	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.600%
11) 1,1-Dichloroethene-d2	2.557	65	13819	4.376	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.618	46	47883	38.435	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.880%
24) Chloroform-d	5.049	84	55585	3.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.200%
26) 1,2-Dichloroethane-d4	5.689	65	30997	3.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
32) Benzene-d6	5.714	84	98638	4.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.679	67	28124	4.360	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.888	98	80707	3.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	8.174	79	13061	4.062	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.624	63	34284	33.898	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.800%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	15580	2.884	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	57.600%#
66) 1,2-Dichlorobenzene-d4	12.184	152	26661	3.527	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	70.600%#
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.682	83	7442	0.647	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3590	0.556	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	4609	1.144	ug/L #	63
67) 1,2-Dichlorobenzene	12.203	146	2457	0.181	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.843	180	3139	0.287	ug/L #	94
70) 1,2,4-trichlorobenzene	13.843	180	3075	0.349	ug/L	95

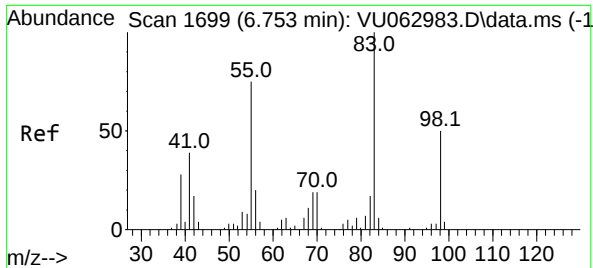
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 24 19:02:27 2025
Response via : Initial Calibration

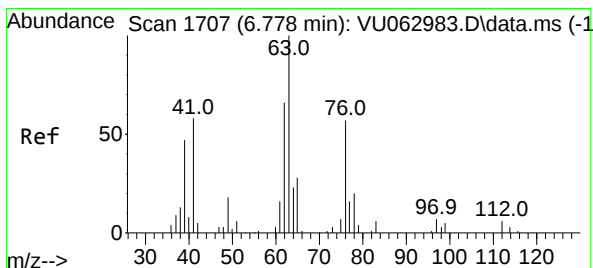
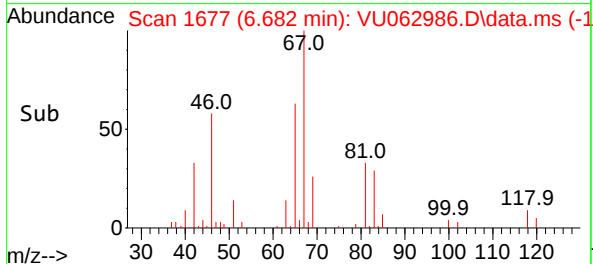
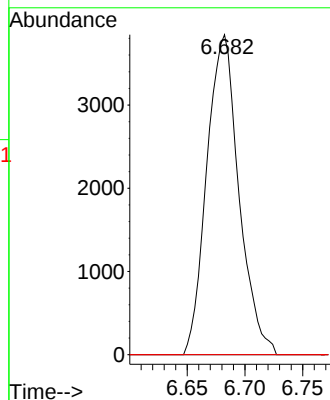
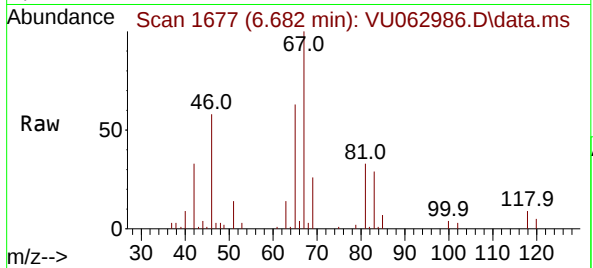




#35
Methylcyclohexane
Concen: 0.647 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU062986.D
Acq: 24 Jan 2025 12:22

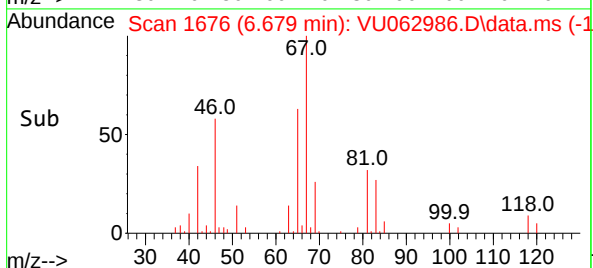
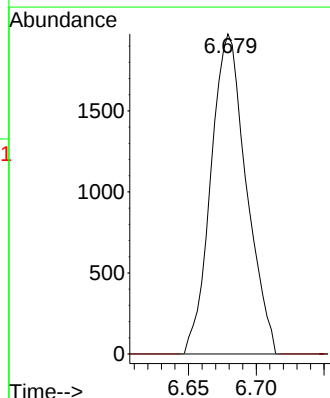
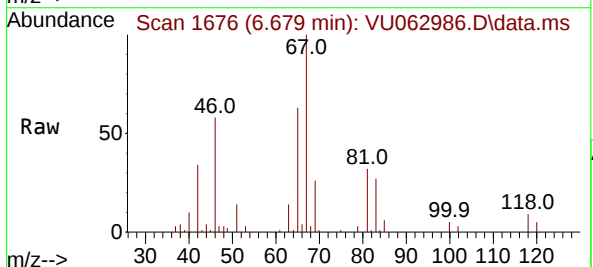
Instrument :
MSVOA_U
ClientSampleId :

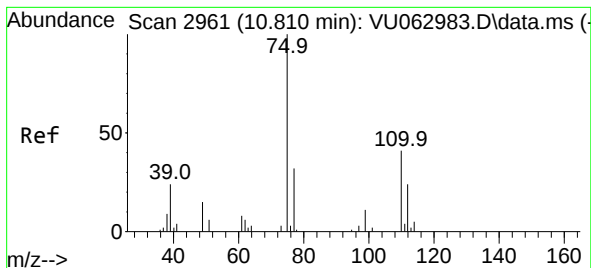
Tgt Ion: 83 Resp: 7442
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.0 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.556 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.099 min
Lab File: VU062986.D
Acq: 24 Jan 2025 12:22

Tgt Ion: 63 Resp: 3590
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#61

1,2,3-Trichloropropane

Concen: 1.144 ug/L

RT: 11.801 min Scan# 31

Delta R.T. 0.991 min

Lab File: VU062986.D

Acq: 24 Jan 2025 12:22

Instrument :

MSVOA_U

ClientSampleId :

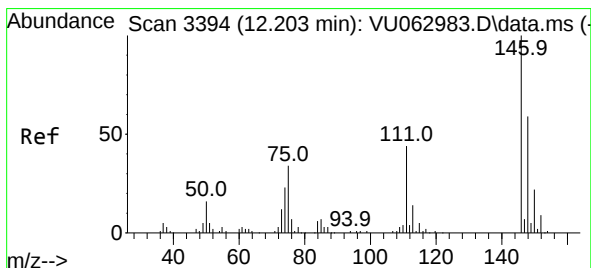
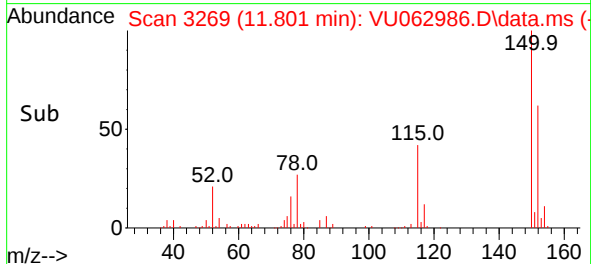
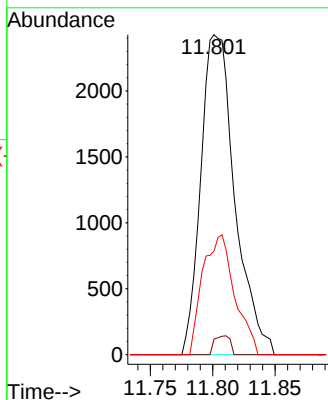
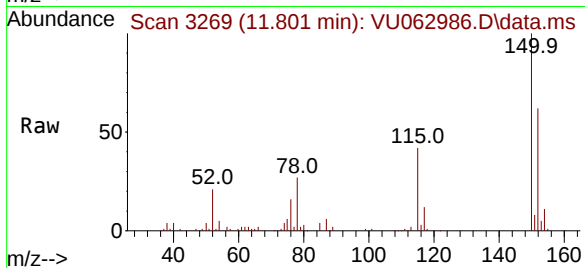
Tgt Ion: 75 Resp: 4609

Ion Ratio Lower Upper

75 100

110 2.7 33.2 49.8#

77 35.1 25.9 38.9



#67

1,2-Dichlorobenzene

Concen: 0.181 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU062986.D

Acq: 24 Jan 2025 12:22

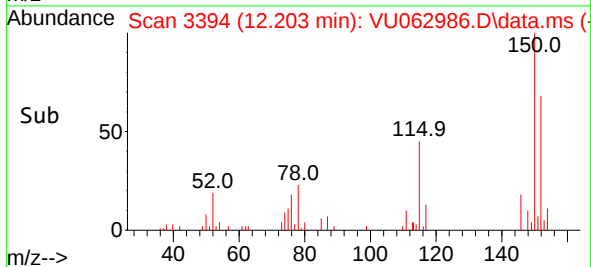
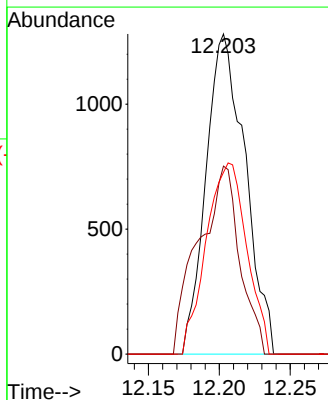
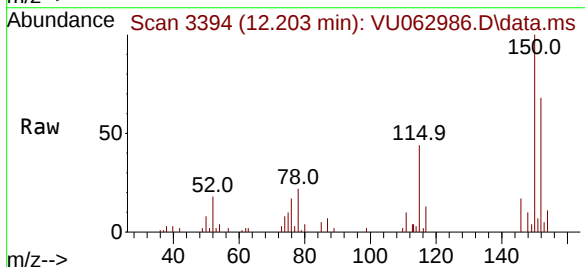
Tgt Ion:146 Resp: 2457

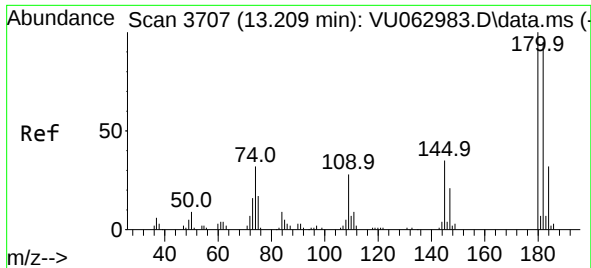
Ion Ratio Lower Upper

146 100

111 58.7 36.3 54.5#

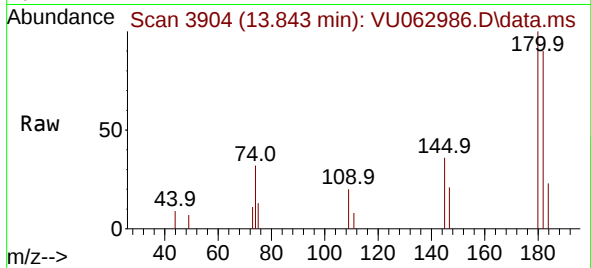
148 56.8 52.0 78.0



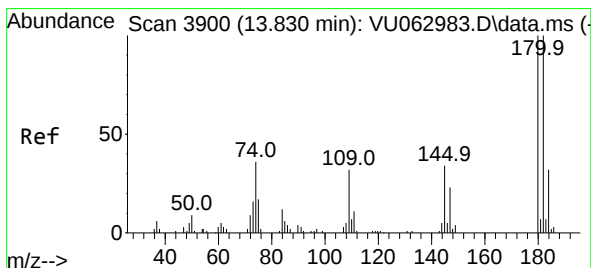
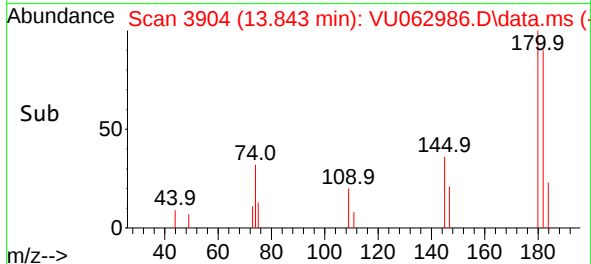
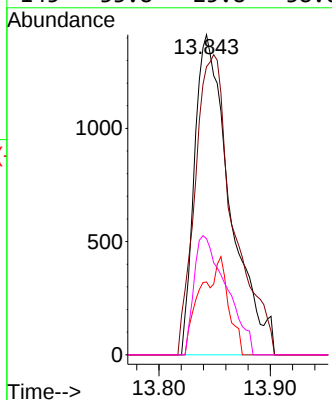


#69
 1,3,5-Trichlorobenzene
 Concen: 0.287 ug/L
 RT: 13.843 min Scan# 3904
 Delta R.T. 0.634 min
 Lab File: VU062986.D
 Acq: 24 Jan 2025 12:22

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 3139
 Ion Ratio Lower Upper
 180 100
 182 100.2 75.8 113.8
 184 23.7 24.7 37.1#
 145 33.8 25.8 38.6



#70
 1,2,4-trichlorobenzene
 Concen: 0.349 ug/L
 RT: 13.843 min Scan# 3904
 Delta R.T. 0.013 min
 Lab File: VU062986.D
 Acq: 24 Jan 2025 12:22

Tgt Ion:180 Resp: 3075
 Ion Ratio Lower Upper
 180 100
 182 102.2 77.1 115.7
 145 34.5 26.9 40.3

