

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012125\
 Data File : VU062949.D
 Acq On : 21 Jan 2025 18:13
 Operator : MD/SY
 Sample : Q1086-19DL 400X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 22 02:25:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 22 02:20:07 2025
 Response via : Initial Calibration

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

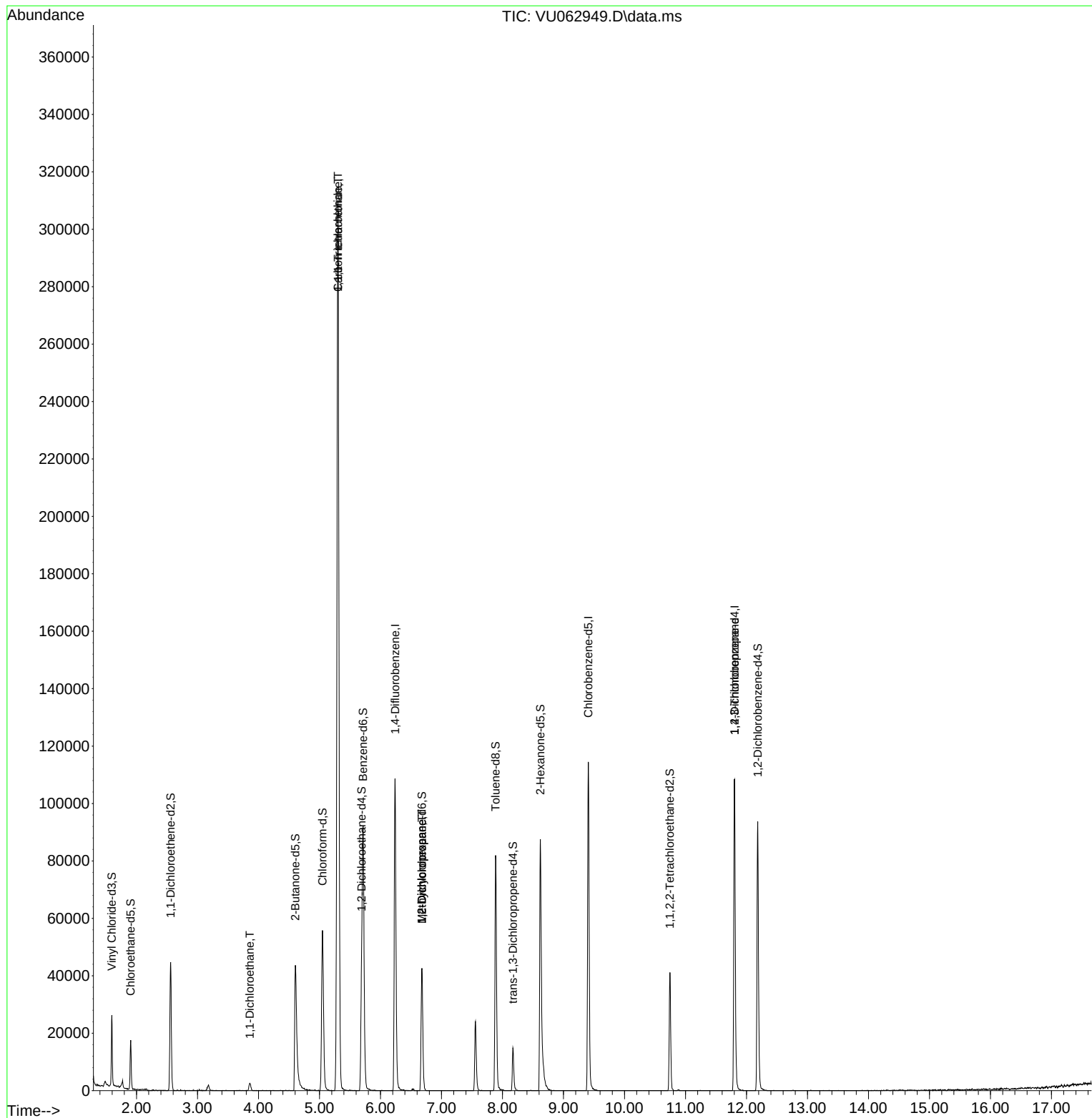
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	90405	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	67686	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	33354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	16322	3.260	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.904	69	12016	2.983	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	59.600%#
11) 1,1-Dichloroethene-d2	2.560	65	8772	3.382	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	4.605	46	65386	63.895	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.800%
24) Chloroform-d	5.049	84	54845	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.688	65	32422	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.714	84	85523	5.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
36) 1,2-Dichloropropane-d6	6.679	67	17091	3.726	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.600%
41) Toluene-d8	7.888	98	57737	3.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	8.171	79	9275	4.056	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.621	63	30749	42.755	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.520%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	18908	4.922	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	27101	4.884	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.859	63	3558	0.331	ug/L	94
29) 1,1,1-Trichloroethane	5.303	97	235649	22.952	ug/L	99
31) Carbon tetrachloride	5.306	117	27608	2.926	ug/L	97
35) Methylcyclohexane	6.679	83	5651	0.691	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	2595	0.566	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	2741	0.926	ug/L #	62

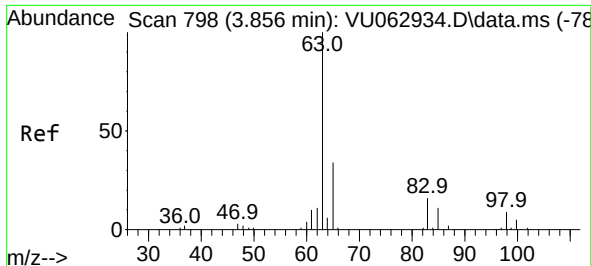
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 22 02:20:07 2025
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#19

1,1-Dichloroethane

Concen: 0.331 ug/L

RT: 3.859 min Scan# 798

Delta R.T. 0.003 min

Lab File: VU062949.D

Acq: 21 Jan 2025 18:13

Instrument :

MSVOA_U

ClientSampleId :

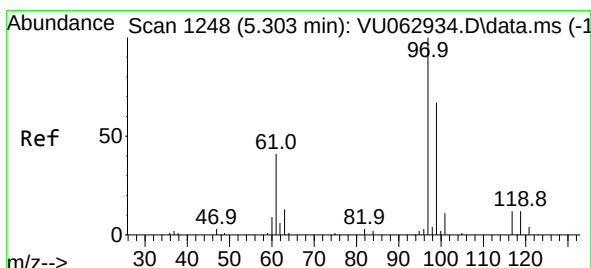
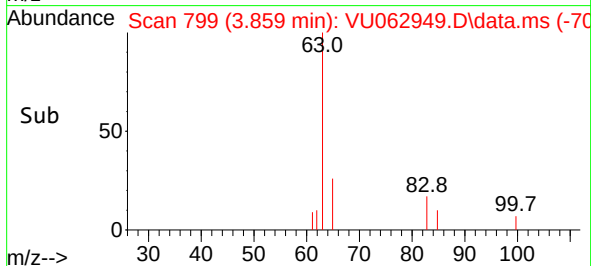
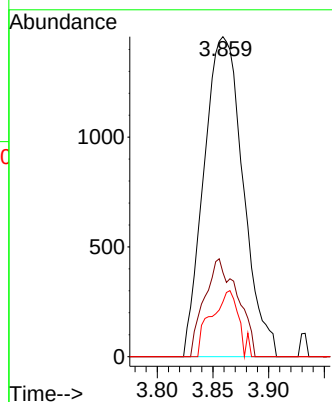
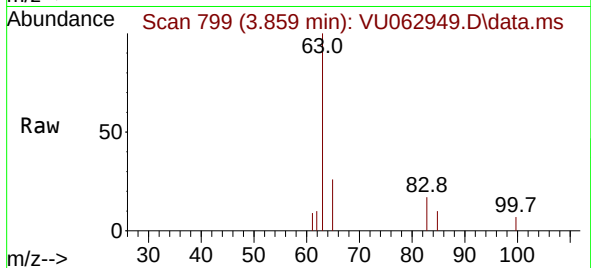
Tgt Ion: 63 Resp: 3558

Ion Ratio Lower Upper

63 100

65 26.3 20.7 38.5

83 17.1 10.5 19.5



#29

1,1,1-Trichloroethane

Concen: 22.952 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VU062949.D

Acq: 21 Jan 2025 18:13

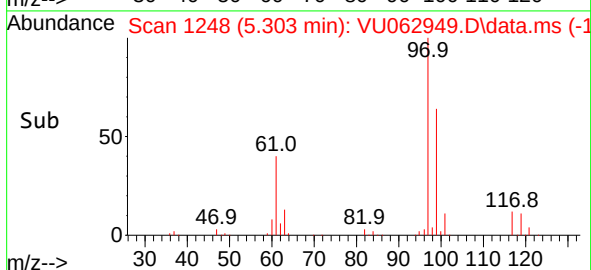
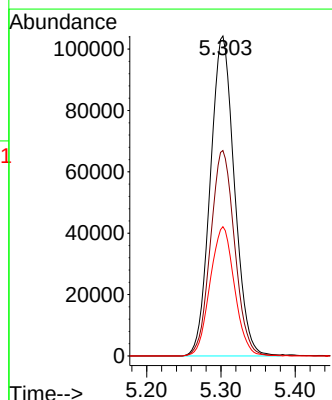
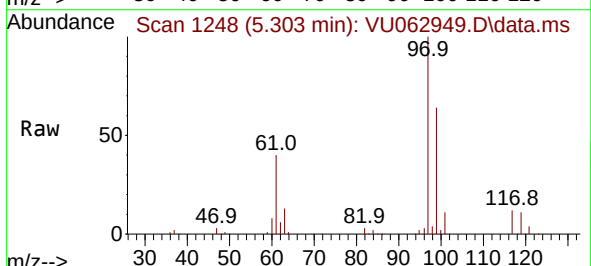
Tgt Ion: 97 Resp: 235649

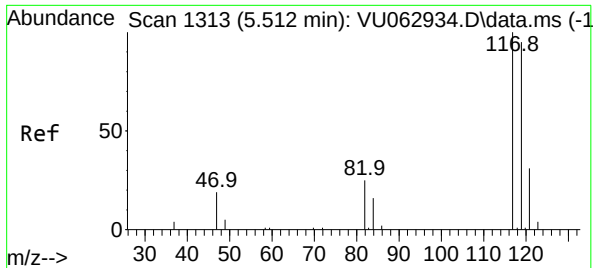
Ion Ratio Lower Upper

97 100

99 64.4 52.4 78.6

61 40.7 32.2 48.4

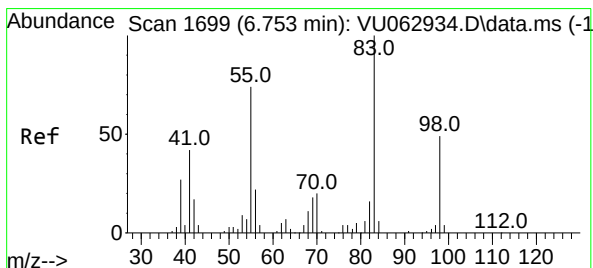
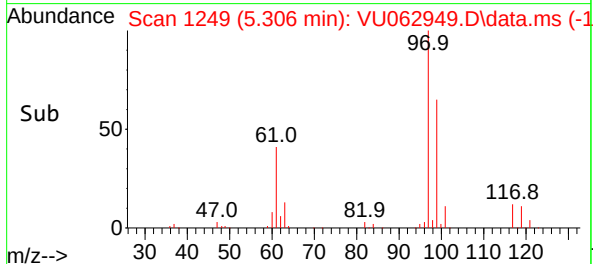
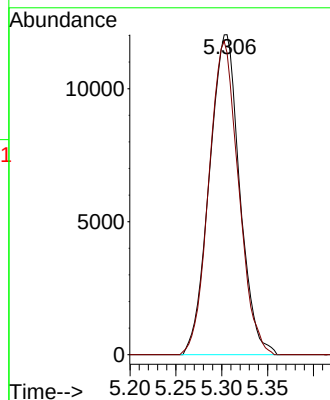
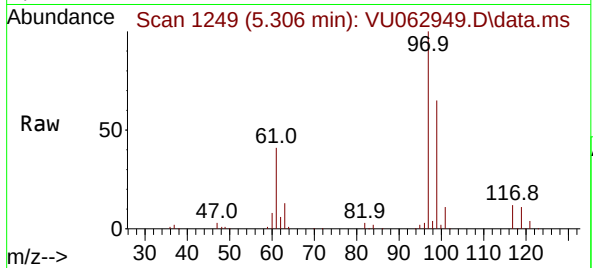




#31
Carbon tetrachloride
Concen: 2.926 ug/L
RT: 5.306 min Scan# 117
Delta R.T. -0.206 min
Lab File: VU062949.D
Acq: 21 Jan 2025 18:13

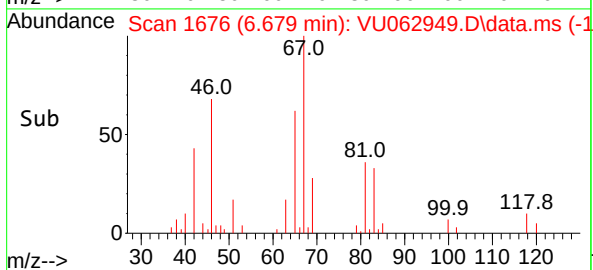
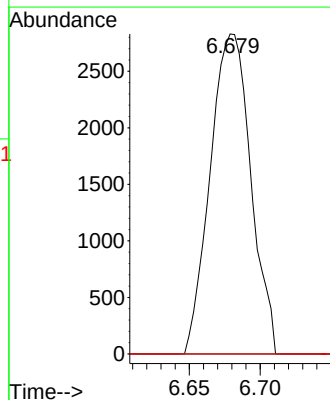
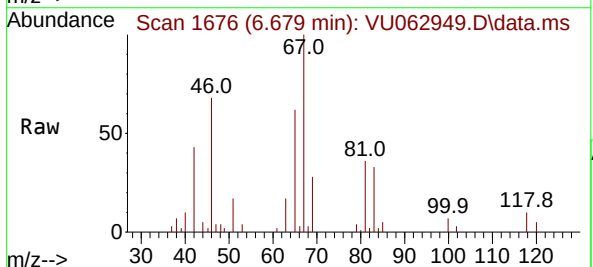
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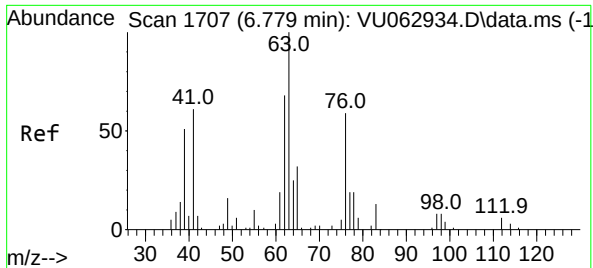
Tgt Ion:117 Resp: 27608
Ion Ratio Lower Upper
117 100
119 95.7 78.6 118.0



#35
Methylcyclohexane
Concen: 0.691 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062949.D
Acq: 21 Jan 2025 18:13

Tgt Ion: 83 Resp: 5651
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.0 36.6 55.0#

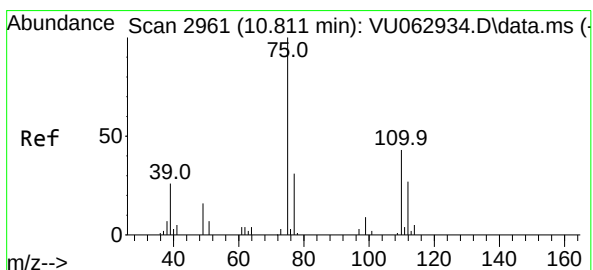
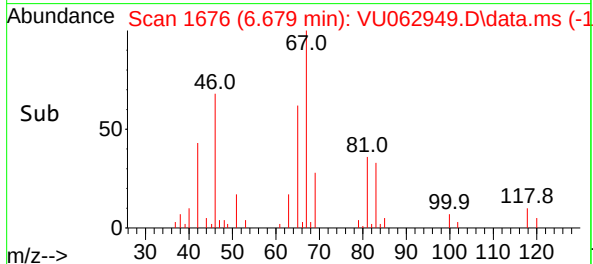
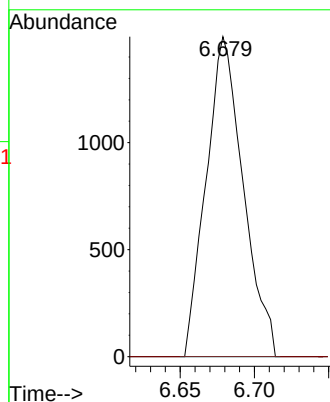
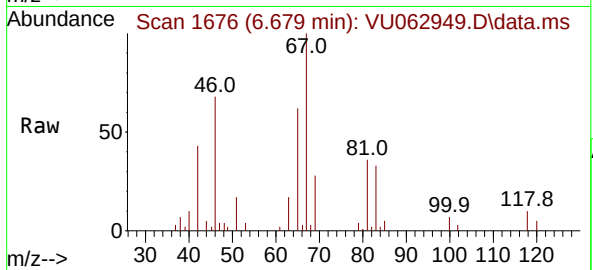




#37
1,2-Dichloropropane
Concen: 0.566 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU062949.D
Acq: 21 Jan 2025 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 2595
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#61
1,2,3-Trichloropropane
Concen: 0.926 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.993 min
Lab File: VU062949.D
Acq: 21 Jan 2025 18:13

Tgt Ion: 75 Resp: 2741
Ion Ratio Lower Upper
75 100
110 2.4 33.2 49.8#
77 36.2 25.9 38.9

