

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055521.D
 Acq On : 26 Sep 2023 17:02
 Operator : MD/SY
 Sample : 04610-07 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 04:50:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 04:44:22 2023
 Response via : Initial Calibration

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

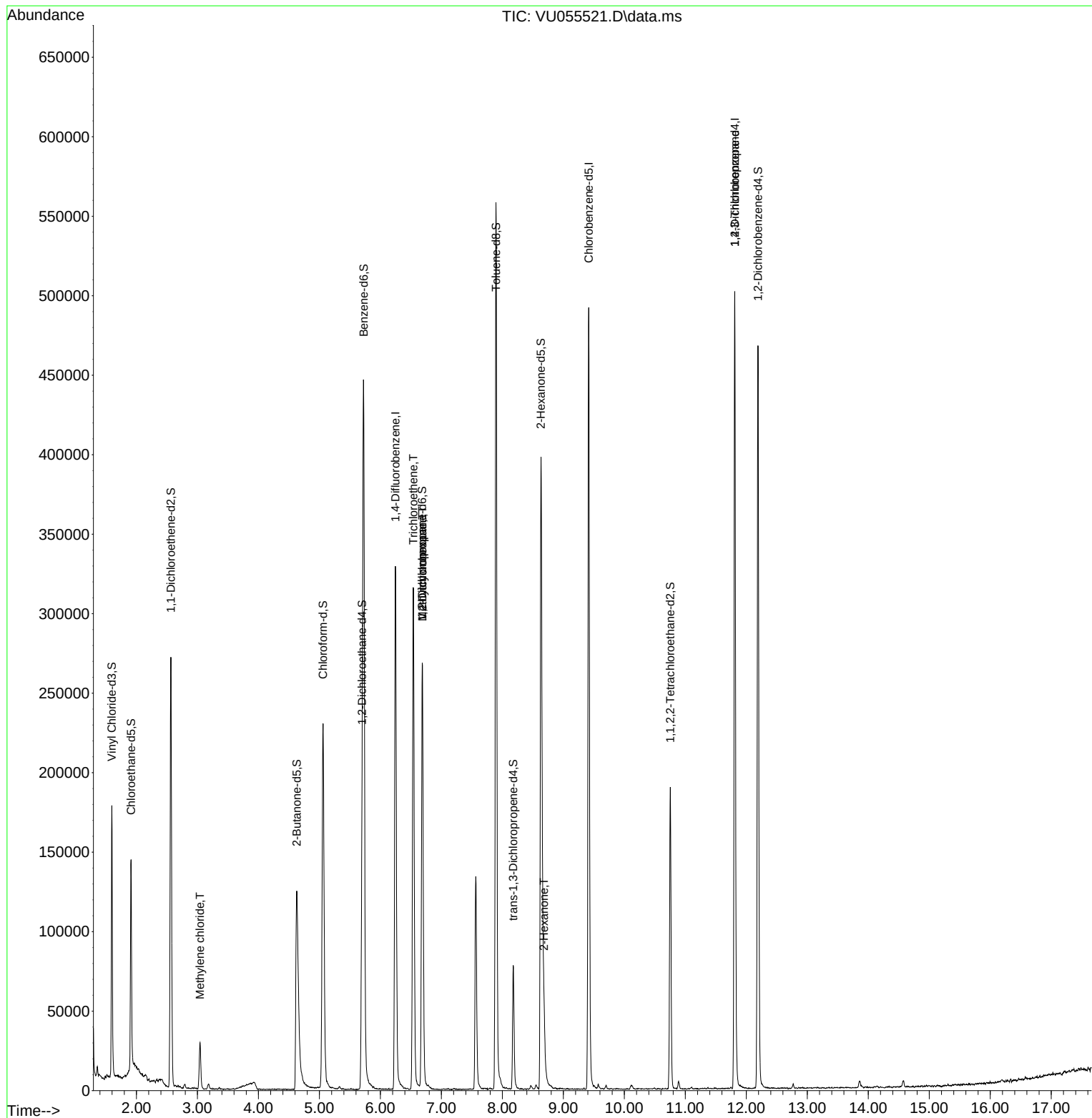
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	275079	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	282912	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	136671	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	122690	4.413	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.200%	
7) Chloroethane-d5	1.911	69	94406	3.853	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.000%	
11) 1,1-Dichloroethene-d2	2.563	65	50090	4.377	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.600%	
20) 2-Butanone-d5	4.628	46	220351	43.880	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	87.760%	
24) Chloroform-d	5.059	84	216883	4.313	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
26) 1,2-Dichloroethane-d4	5.698	65	104246	4.310	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.200%	
32) Benzene-d6	5.724	84	439433	4.441	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
36) 1,2-Dichloropropane-d6	6.685	67	133689	4.522	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.400%	
41) Toluene-d8	7.894	98	384963	4.268	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.400%	
43) trans-1,3-Dichloroprop...	8.177	79	47915	4.618	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.400%	
46) 2-Hexanone-d5	8.631	63	129235	40.948	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.900%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	96732	4.365	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	131219	4.757	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.200%	
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	13955	0.606	ug/L	95
34) Trichloroethene	6.541	95	113925	4.946	ug/L	97
35) Methylcyclohexane	6.689	83	34368	1.036	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	14270	0.670	ug/L #	88
48) 2-Hexanone	8.682	43	25952	3.466	ug/L #	79
61) 1,2,3-Trichloropropane	11.811	75	15748	1.476	ug/L #	68

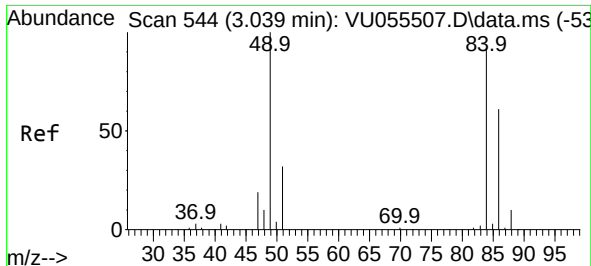
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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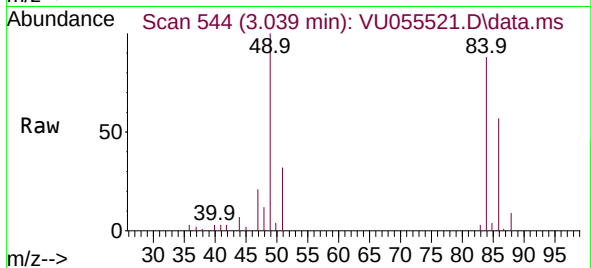
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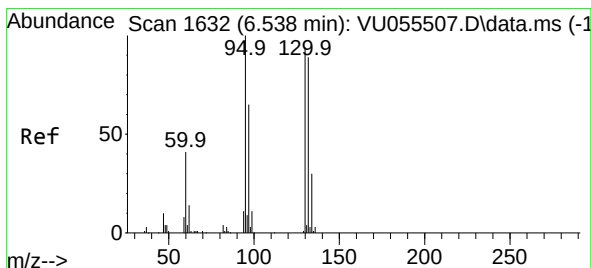
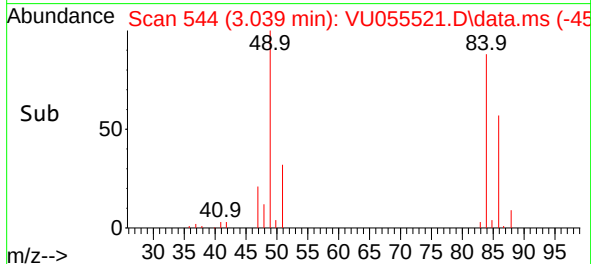
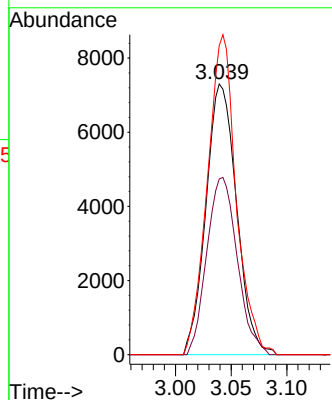


#16
Methylene chloride
Concen: 0.606 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055521.D
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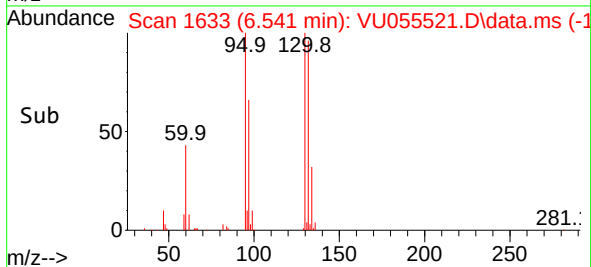
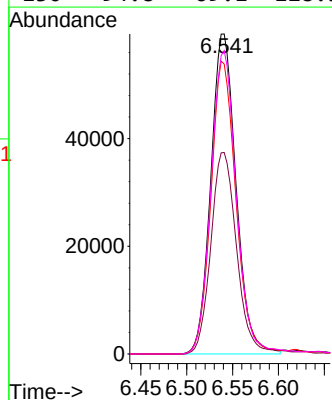
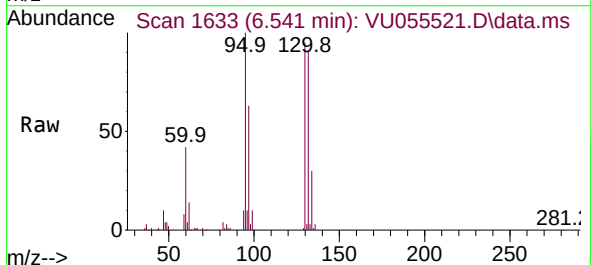


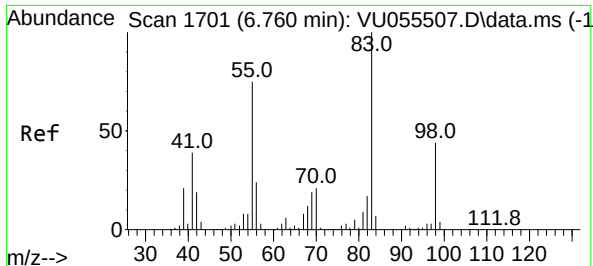
Tgt Ion: 84 Resp: 13955
Ion Ratio Lower Upper
84 100
86 66.5 44.9 83.3
49 119.3 78.8 146.3



#34
Trichloroethene
Concen: 4.946 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU055521.D
Acq: 26 Sep 2023 17:02

Tgt Ion: 95 Resp: 113925
Ion Ratio Lower Upper
95 100
97 62.9 45.4 84.2
132 90.6 65.2 121.2
130 94.8 69.1 128.3

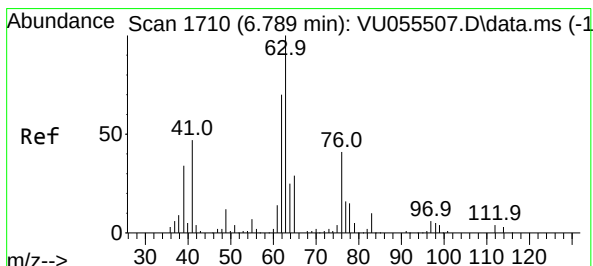
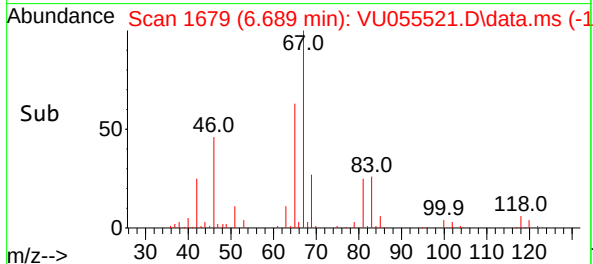
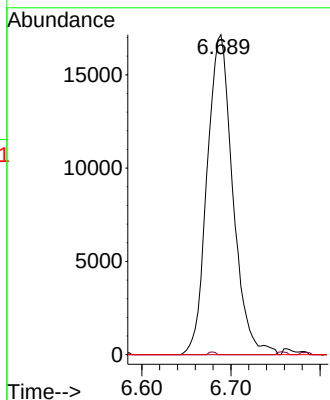
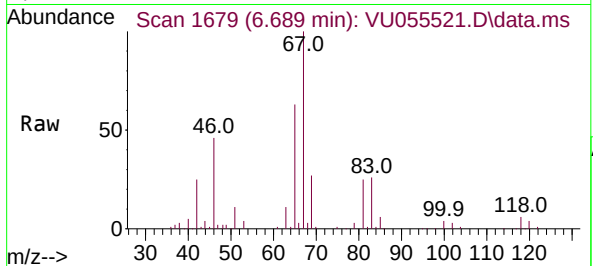




#35
Methylcyclohexane
Concen: 1.036 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055521.D
Acq: 26 Sep 2023 17:02

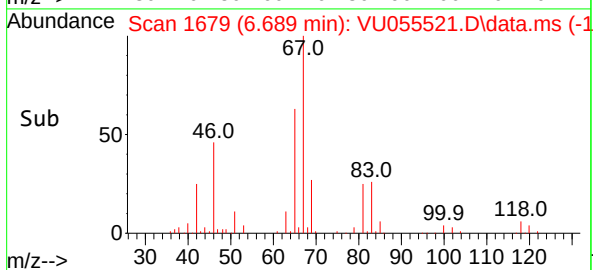
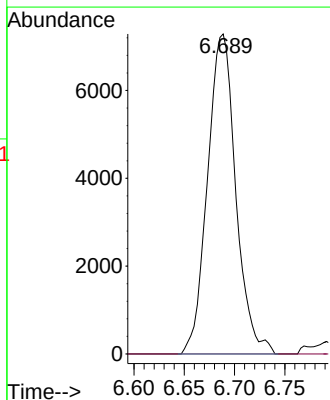
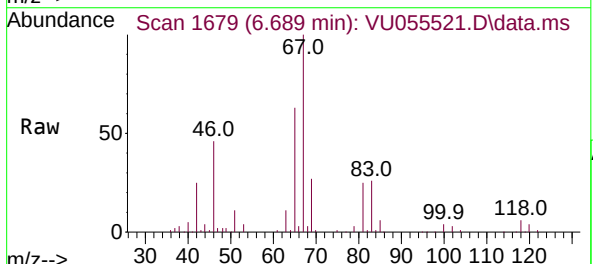
Instrument :
MSVOA_U
ClientSampleId :

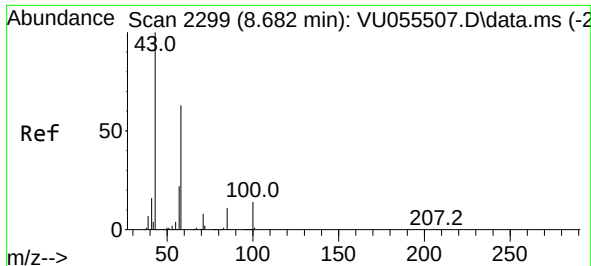
Tgt Ion: 83 Resp: 34368
Ion Ratio Lower Upper
83 100
55 0.2 59.1 88.7#
98 1.2 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 0.670 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055521.D
Acq: 26 Sep 2023 17:02

Tgt Ion: 63 Resp: 14270
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#

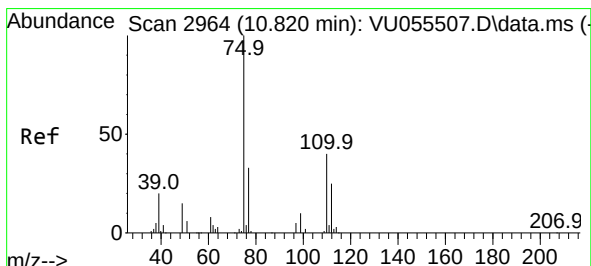
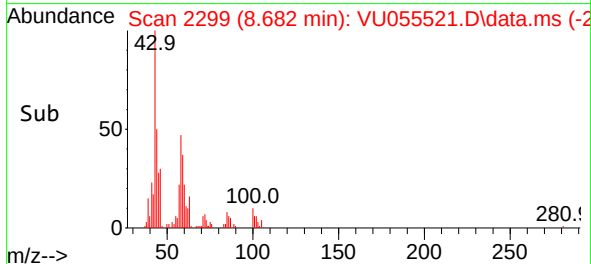
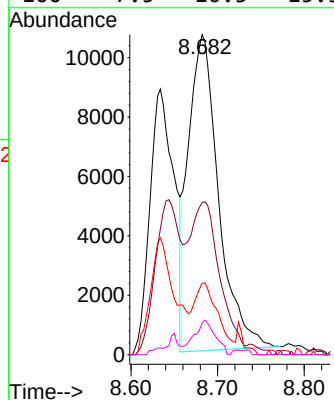
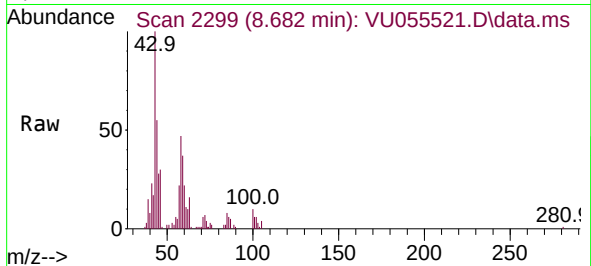




#48
2-Hexanone
Concen: 3.466 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055521.D
Acq: 26 Sep 2023 17:02

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MSVOA_U
ClientSampleId :

Tgt Ion:	43	Resp:	25952
Ion	Ratio	Lower	Upper
43	100		
58	40.2	48.5	72.7#
57	18.1	17.0	25.4
100	7.5	10.3	15.5#



#61
1,2,3-Trichloropropane
Concen: 1.476 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055521.D
Acq: 26 Sep 2023 17:02

Tgt Ion:	75	Resp:	15748
Ion	Ratio	Lower	Upper
75	100		
110	1.8	30.6	45.8#
77	33.6	26.7	40.1

