

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092523\
 Data File : VU055484.D
 Acq On : 25 Sep 2023 10:42
 Operator : MD/SY
 Sample : 04579-10DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 01:21:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

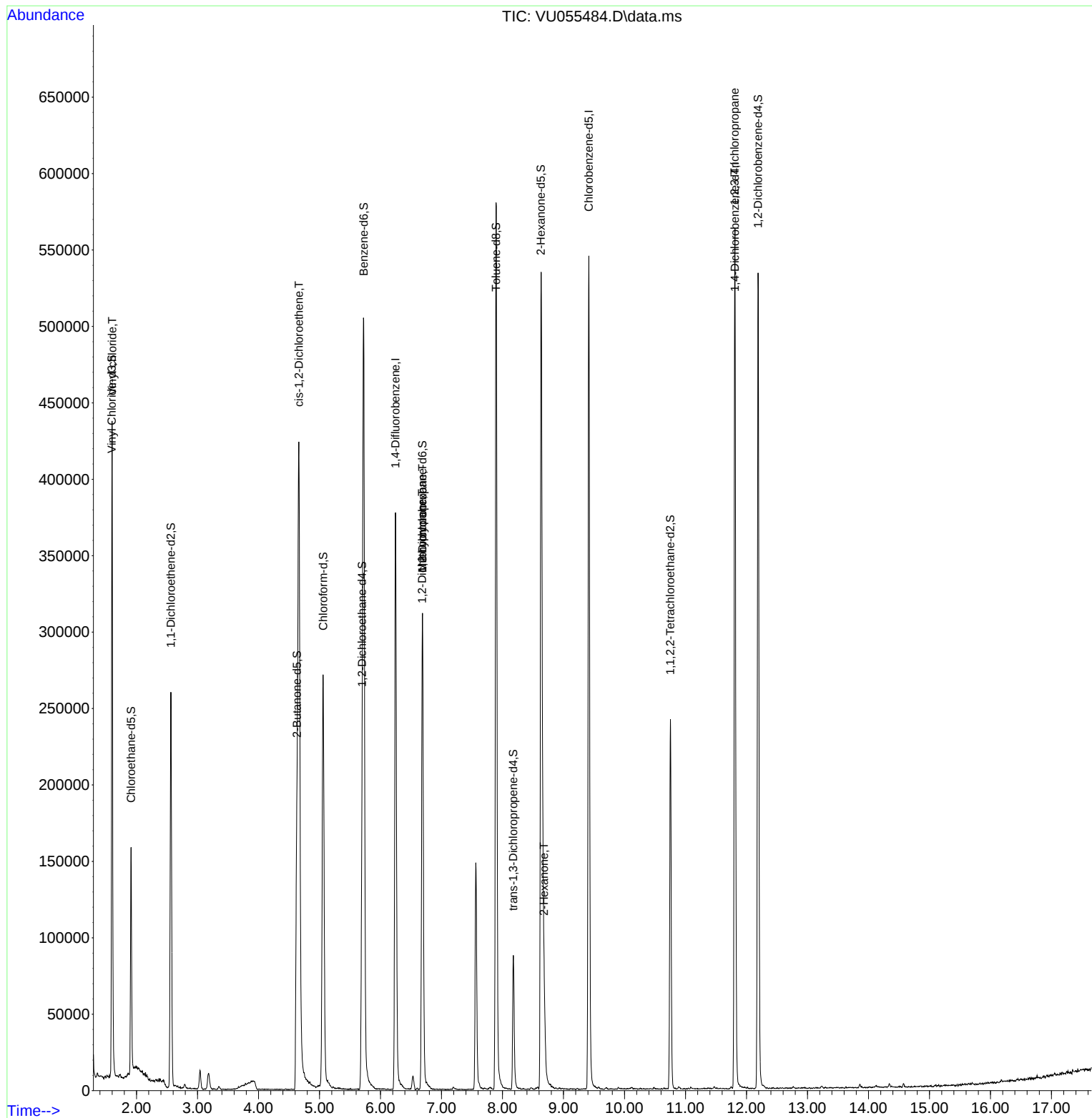
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	309167	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	318209	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	152919	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	114097	3.651	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.000%	
7) Chloroethane-d5	1.911	69	106292	3.860	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.200%	
11) 1,1-Dichloroethene-d2	2.563	65	50105	3.896	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.000%	
20) 2-Butanone-d5	4.631	46	305098	54.057	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.120%	
24) Chloroform-d	5.058	84	254483	4.503	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
26) 1,2-Dichloroethane-d4	5.698	65	131620	4.841	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.800%	
32) Benzene-d6	5.724	84	487013	4.376	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	6.685	67	157876	4.747	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.000%	
41) Toluene-d8	7.894	98	405472	3.997	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.000%	
43) trans-1,3-Dichloroprop...	8.177	79	54392	4.661	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.200%	
46) 2-Hexanone-d5	8.631	63	172020	48.459	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.920%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	122070	4.898	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	145997	4.730	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.600%	
Target Compounds						
5) Vinyl chloride	1.602	62	209008	7.316	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	192050	7.603	ug/L	98
35) Methylcyclohexane	6.685	83	36420	0.976	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	16822	0.702	ug/L #	89
48) 2-Hexanone	8.682	43	35918	4.265	ug/L #	73
61) 1,2,3-Trichloropropane	11.807	75	17479	1.464	ug/L #	66

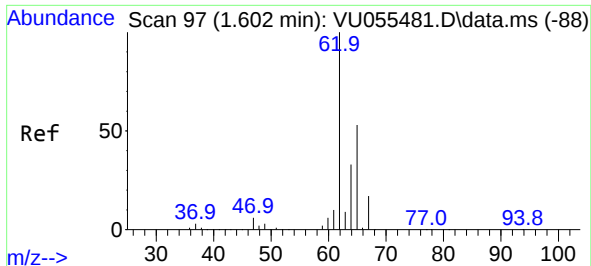
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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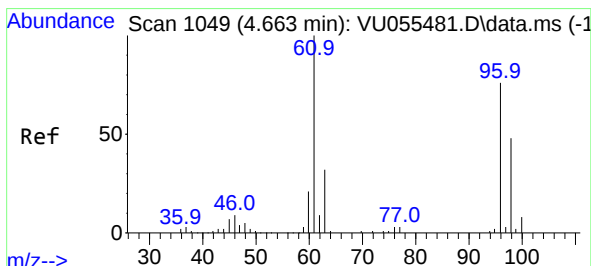
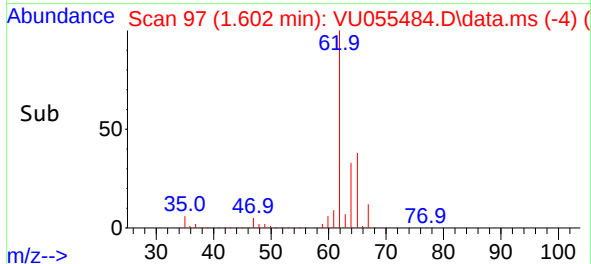
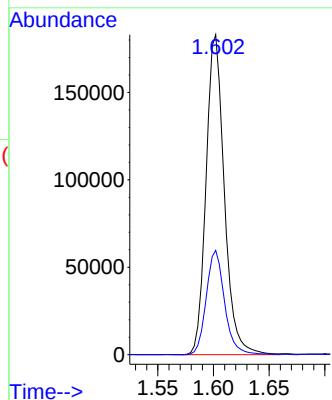
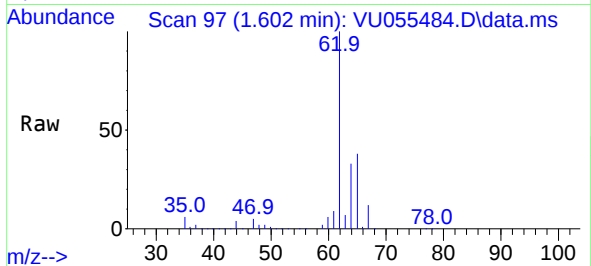




#5
 Vinyl chloride
 Concen: 7.316 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055484.D
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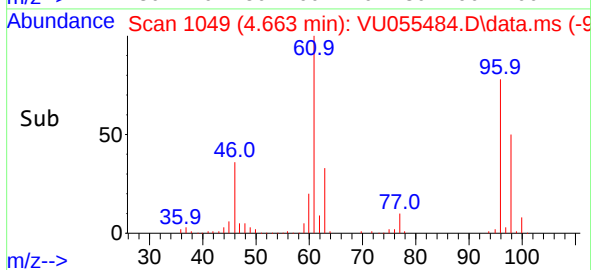
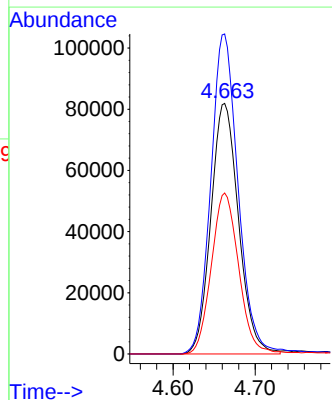
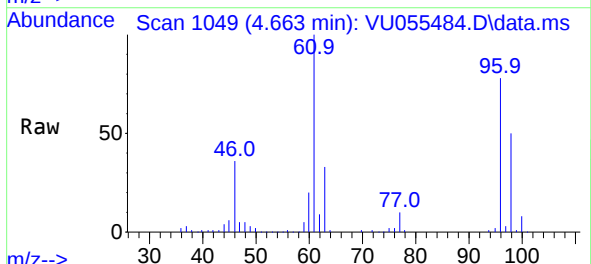
Instrument :
 MSVOA_U
 ClientSampleId :

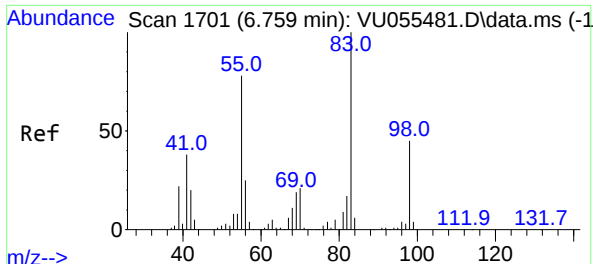
Tgt Ion: 62 Resp: 209008
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.3 41.5



#22
 cis-1,2-Dichloroethene
 Concen: 7.603 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU055484.D
 Acq: 25 Sep 2023 10:42

Tgt Ion: 96 Resp: 192050
 Ion Ratio Lower Upper
 96 100
 61 127.7 87.8 163.2
 98 64.2 44.4 82.4

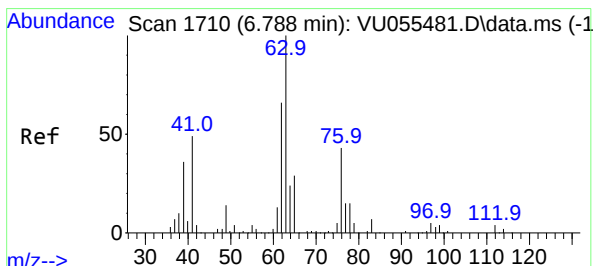
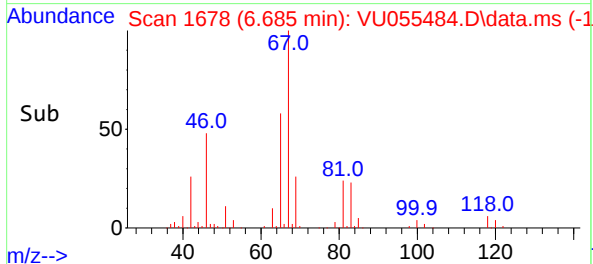
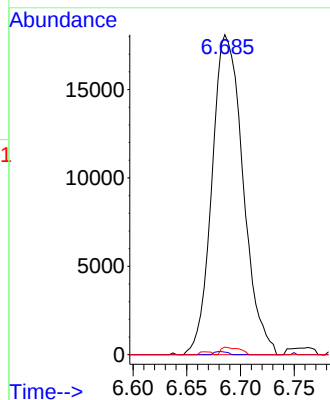
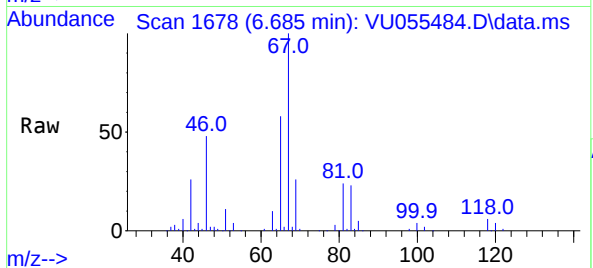




#35
Methylcyclohexane
Concen: 0.976 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU055484.D
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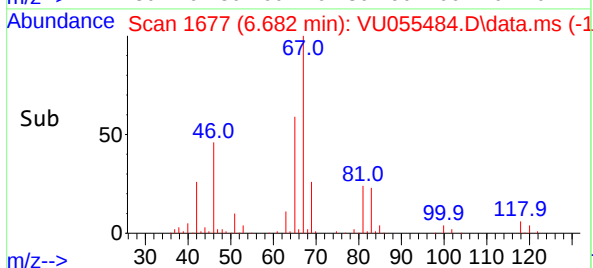
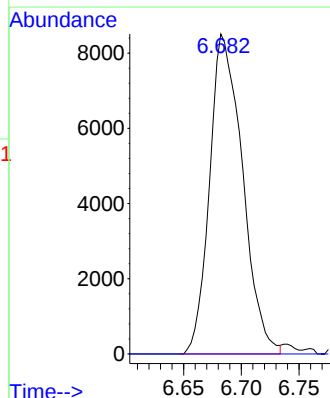
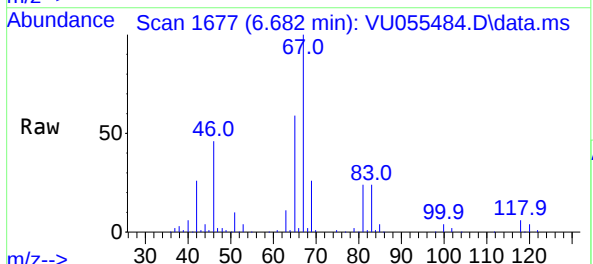
Instrument :
MSVOA_U
ClientSampleId :

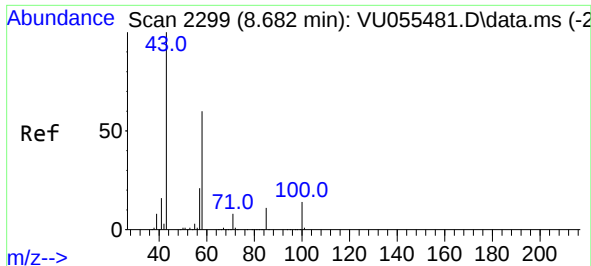
Tgt Ion: 83 Resp: 36420
Ion Ratio Lower Upper
83 100
55 0.4 59.1 88.7#
98 1.4 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 0.702 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.106 min
Lab File: VU055484.D
Acq: 25 Sep 2023 10:42

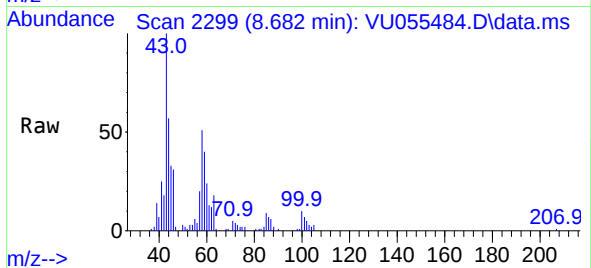
Tgt Ion: 63 Resp: 16822
Ion Ratio Lower Upper
63 100
112 0.1 3.0 4.6#



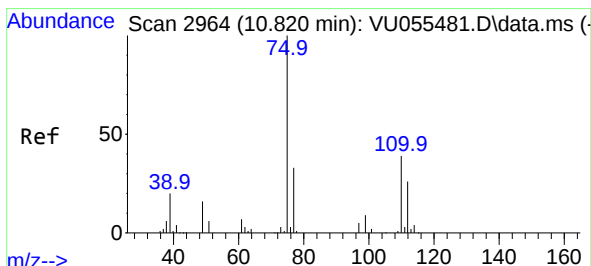
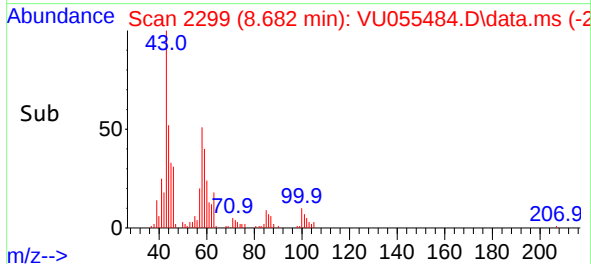
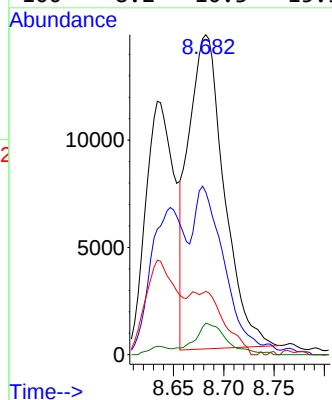


#48
2-Hexanone
Concen: 4.265 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055484.D
Acq: 25 Sep 2023 10:42

Instrument :
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Tgt Ion:	43	Resp:	35918
Ion	Ratio	Lower	Upper
43	100		
58	41.9	48.5	72.7#
57	0.0	17.0	25.4#
100	8.2	10.3	15.5#



#61
1,2,3-Trichloropropane
Concen: 1.464 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU055484.D
Acq: 25 Sep 2023 10:42

Tgt Ion:	75	Resp:	17479
Ion	Ratio	Lower	Upper
75	100		
110	1.5	30.6	45.8#
77	35.3	26.7	40.1

