

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059791.D
 Acq On : 03 Jul 2024 12:32
 Operator : MD/SY
 Sample : P3121-09DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BJ2DL

Quant Time: Jul 04 00:58:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 06:10:28 2024
 Response via : Initial Calibration

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

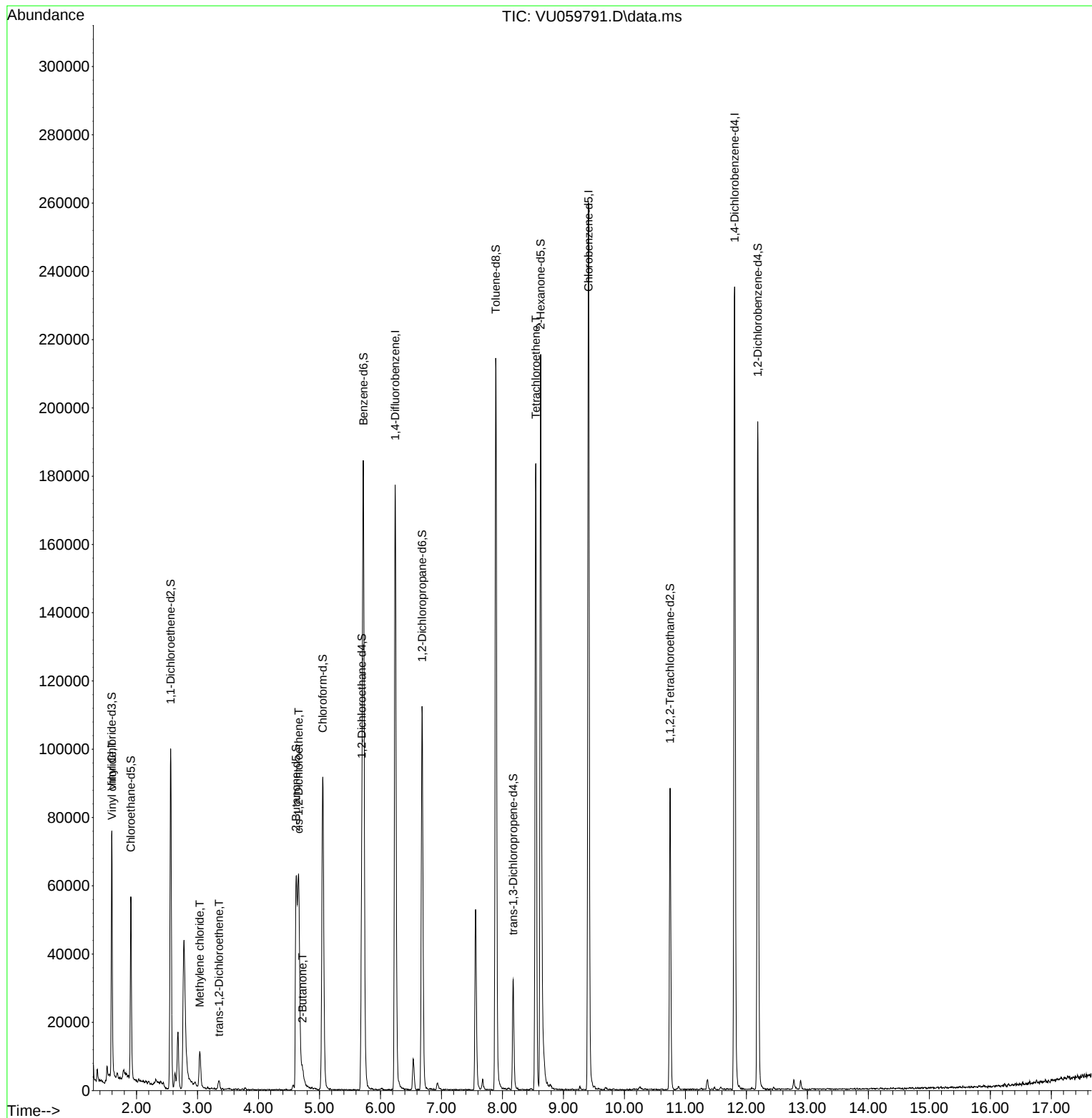
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	151627	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158363	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70084	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	50080	4.750	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.000%	
7) Chloroethane-d5	1.907	69	41910	4.131	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.600%	
11) 1,1-Dichloroethene-d2	2.560	65	18497	4.229	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.600%	
20) 2-Butanone-d5	4.618	46	97180	44.746	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	89.500%	
24) Chloroform-d	5.055	84	90393	4.177	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.600%	
26) 1,2-Dichloroethane-d4	5.695	65	45081	4.324	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.400%	
32) Benzene-d6	5.721	84	181255	4.159	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.200%	
36) 1,2-Dichloropropane-d6	6.682	67	57493	4.305	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.000%	
41) Toluene-d8	7.891	98	154289	3.808	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.200%	
43) trans-1,3-Dichloroprop...	8.177	79	19861	4.749	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.000%	
46) 2-Hexanone-d5	8.624	63	75711	43.572	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.140%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	46637	4.226	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	57057	4.574	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	4507	0.295	ug/L	# 76
16) Methylene chloride	3.036	84	5873	0.461	ug/L	88
18) trans-1,2-Dichloroethene	3.354	96	1232	0.110	ug/L	79
21) 2-Butanone	4.721	43	9109	4.031	ug/L	78
22) cis-1,2-Dichloroethene	4.660	96	28934	2.347	ug/L	96
47) Tetrachloroethene	8.547	164	42585	4.214	ug/L	94

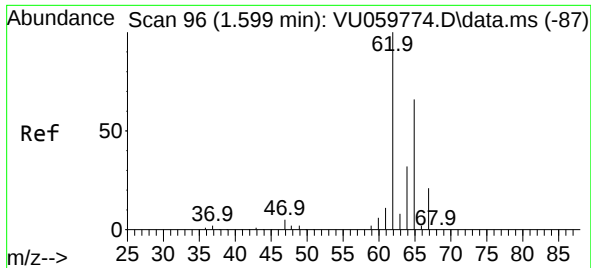
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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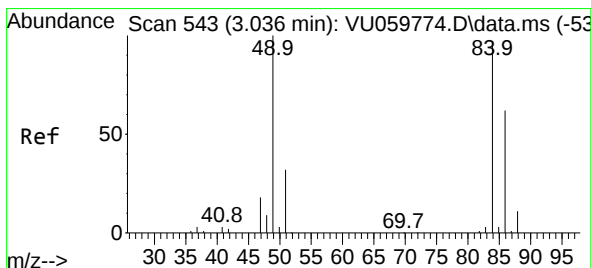
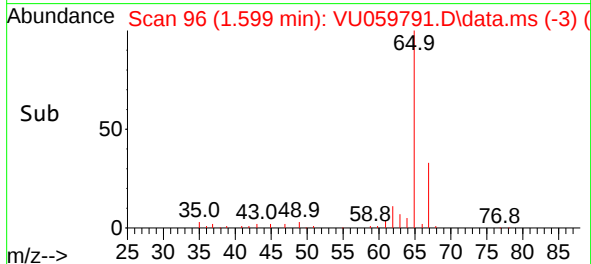
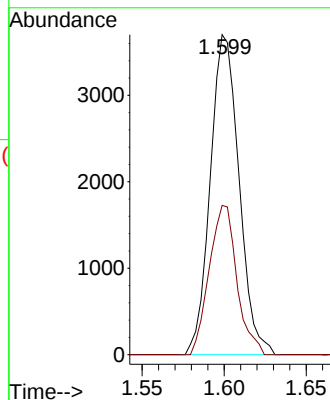
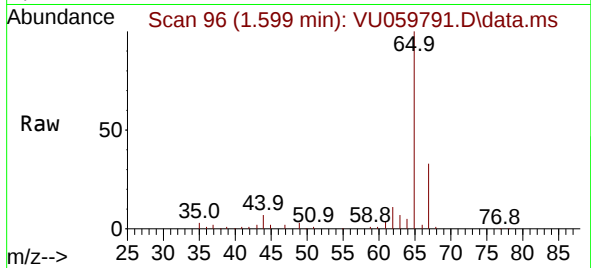




#5
 Vinyl chloride
 Concen: 0.295 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU059791.D
 Acq: 03 Jul 2024 12:32

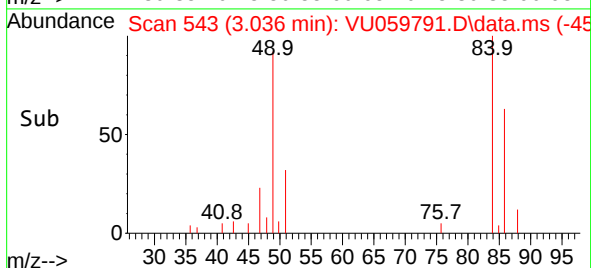
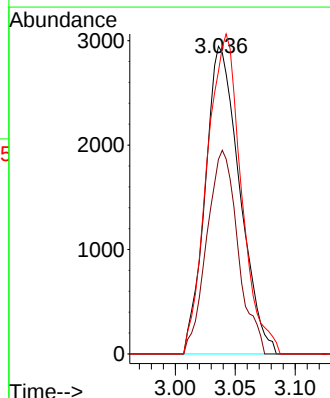
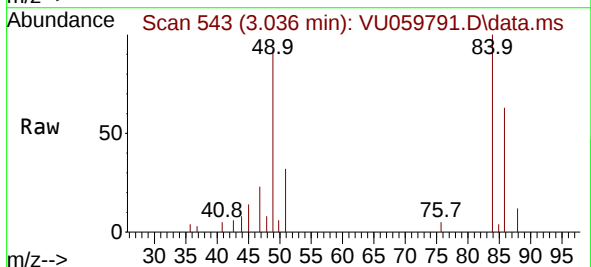
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BJ2DL

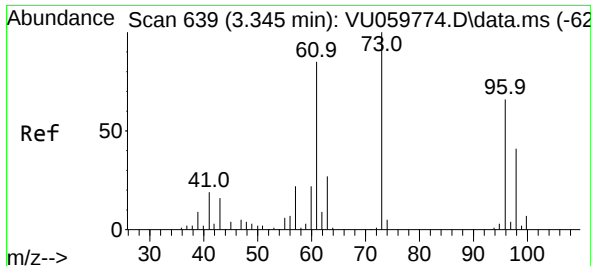
Tgt Ion: 62 Resp: 4507
 Ion Ratio Lower Upper
 62 100
 64 46.6 23.1 42.9#



#16
 Methylene chloride
 Concen: 0.461 ug/L
 RT: 3.036 min Scan# 543
 Delta R.T. 0.000 min
 Lab File: VU059791.D
 Acq: 03 Jul 2024 12:32

Tgt Ion: 84 Resp: 5873
 Ion Ratio Lower Upper
 84 100
 86 63.2 42.1 78.1
 49 97.7 80.6 149.8

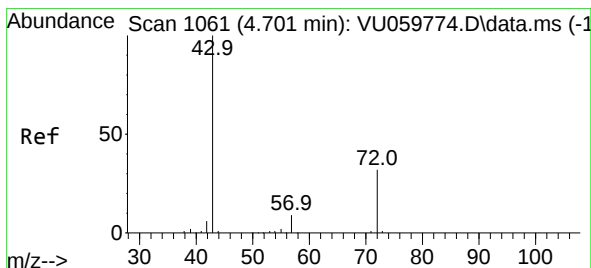
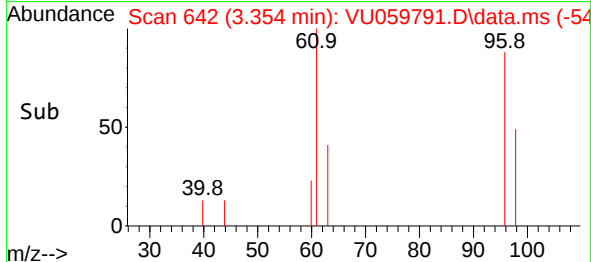
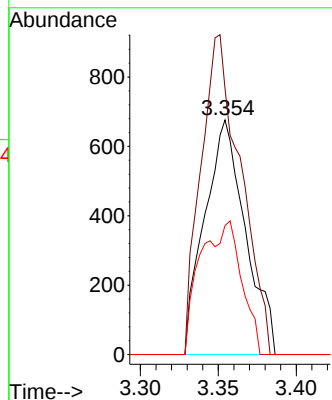
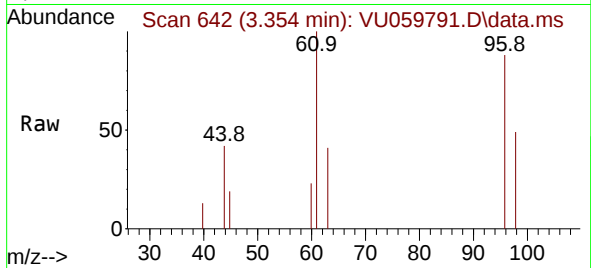




#18
trans-1,2-Dichloroethene
Concen: 0.110 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.010 min
Lab File: VU059791.D
Acq: 03 Jul 2024 12:32

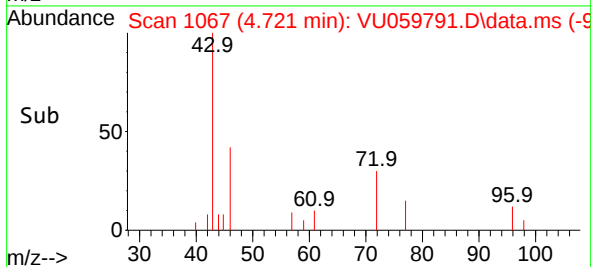
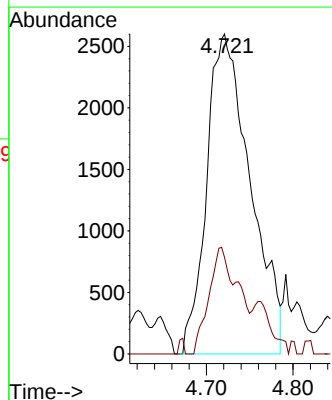
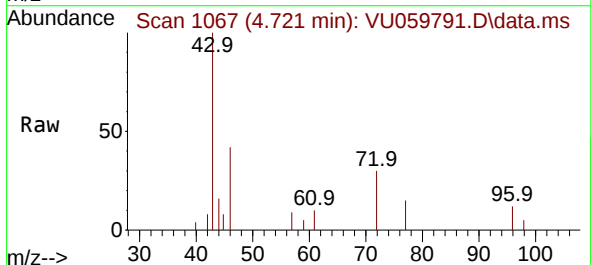
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ClientSampleId :
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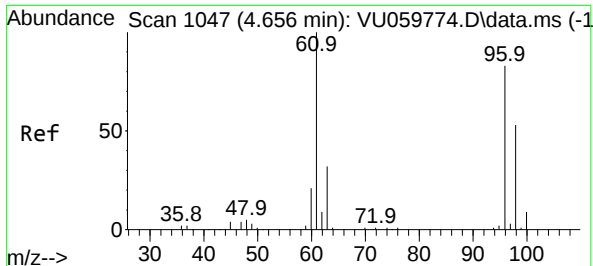
Tgt Ion: 96 Resp: 1232
Ion Ratio Lower Upper
96 100
61 113.5 101.8 189.0
98 55.0 43.3 80.5



#21
2-Butanone
Concen: 4.031 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.019 min
Lab File: VU059791.D
Acq: 03 Jul 2024 12:32

Tgt Ion: 43 Resp: 9109
Ion Ratio Lower Upper
43 100
72 16.1 13.8 41.4

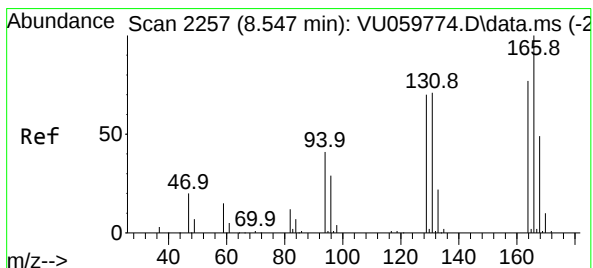
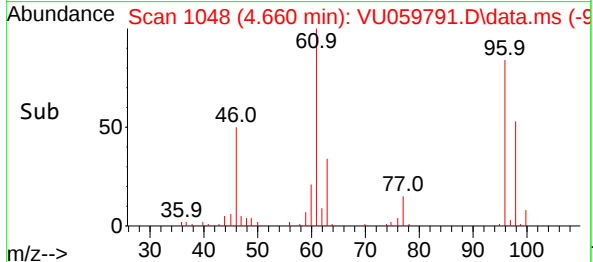
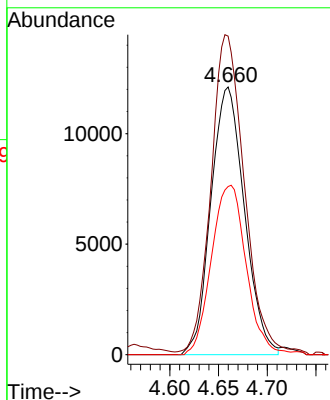
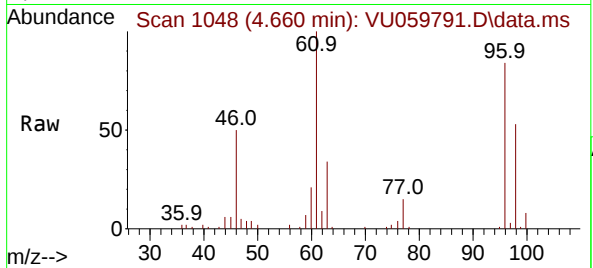




#22
cis-1,2-Dichloroethene
Concen: 2.347 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU059791.D
Acq: 03 Jul 2024 12:32

Instrument :
MSVOA_U
ClientSampleId :
C0BJ2DL

Tgt Ion: 96 Resp: 28934
Ion Ratio Lower Upper
96 100
61 119.0 87.4 162.2
98 62.8 42.3 78.5



#47
Tetrachloroethene
Concen: 4.214 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059791.D
Acq: 03 Jul 2024 12:32

Tgt Ion:164 Resp: 42585
Ion Ratio Lower Upper
164 100
129 90.7 70.8 131.4
131 88.8 64.8 120.3
166 126.2 91.1 169.1

