

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072922\
 Data File : VU050039.D
 Acq On : 29 Jul 2022 16:19
 Operator : SY/MD
 Sample : N3825-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ20

Quant Time: Jul 30 01:43:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 30 01:40:38 2022
 Response via : Initial Calibration

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

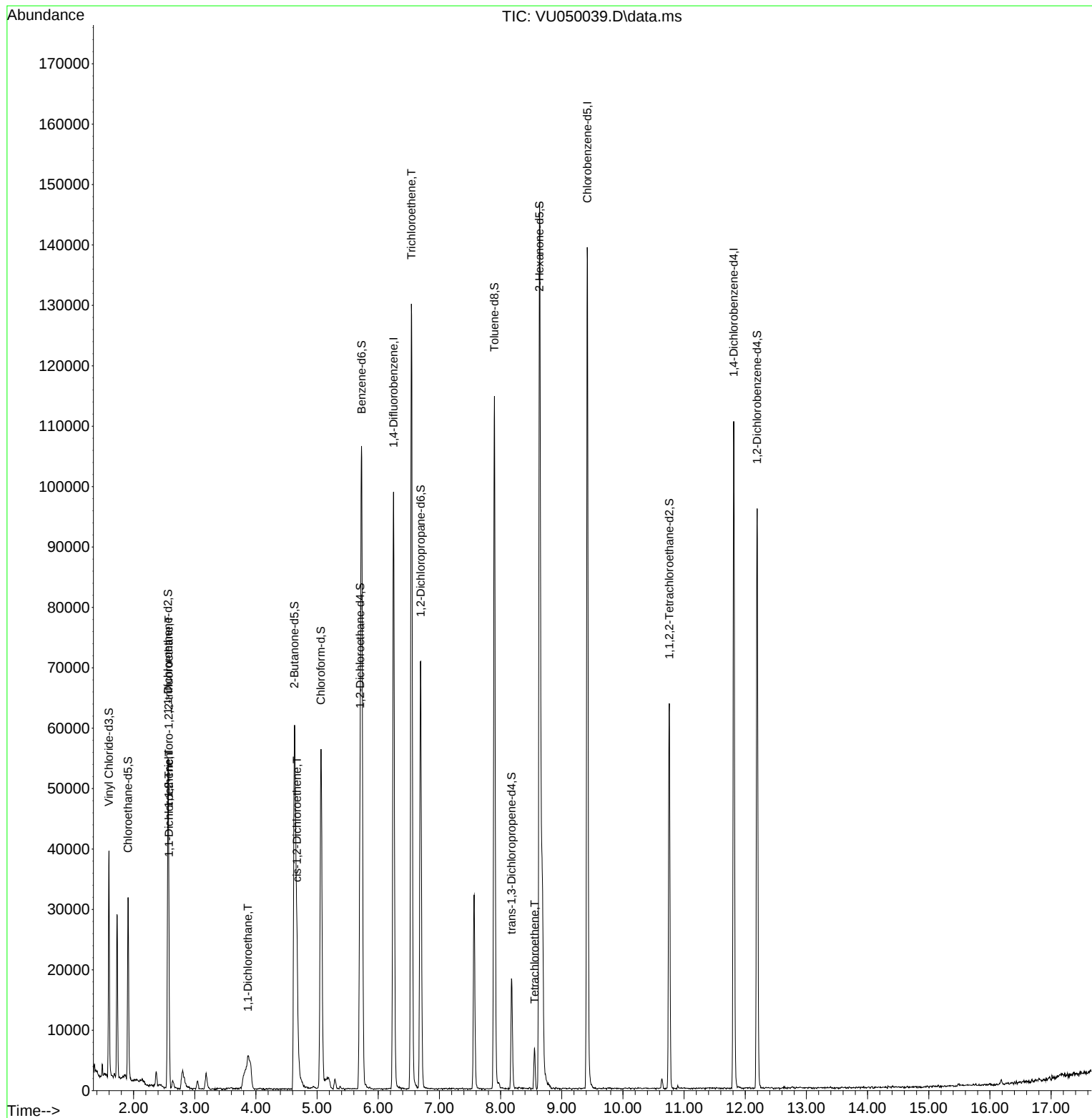
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	81330	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	80876	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	31061	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	25675	3.677	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.600%	
7) Chloroethane-d5	1.909	69	22312	4.448	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.565	65	10015	4.161	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.200%	
20) 2-Butanone-d5	4.629	46	85670	55.113	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.220%	
24) Chloroform-d	5.063	84	53828	4.658	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
26) 1,2-Dichloroethane-d4	5.703	65	30295	5.203	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
32) Benzene-d6	5.729	84	100632	4.211	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.200%	
36) 1,2-Dichloropropane-d6	6.694	67	36724	4.691	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.800%	
41) Toluene-d8	7.899	98	81949	3.858	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.200%	
43) trans-1,3-Dichloroprop...	8.179	79	11729	4.274	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.400%	
46) 2-Hexanone-d5	8.636	63	46258	45.033	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.060%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33336	5.068	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	26647	4.625	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.600%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1821	0.376	ug/L	87
12) 1,1-Dichloroethene	2.578	96	868	0.193	ug/L	# 1
19) 1,1-Dichloroethane	3.867	63	1973	0.195	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	8287	1.405	ug/L	94
34) Trichloroethene	6.542	95	45891	7.998	ug/L	99
47) Tetrachloroethene	8.555	164	1534	0.371	ug/L	93

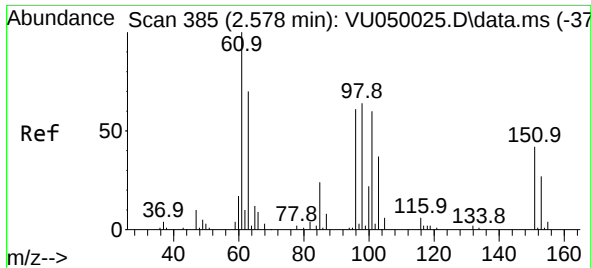
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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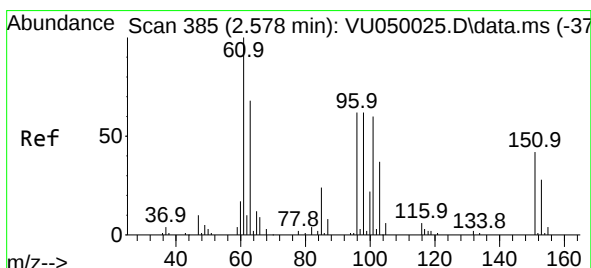
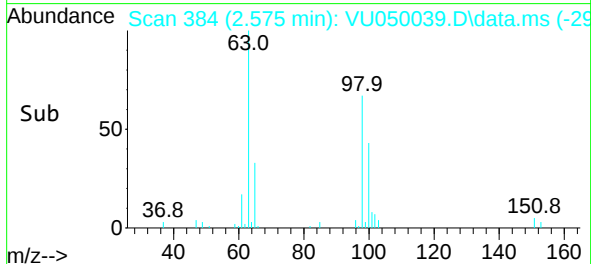
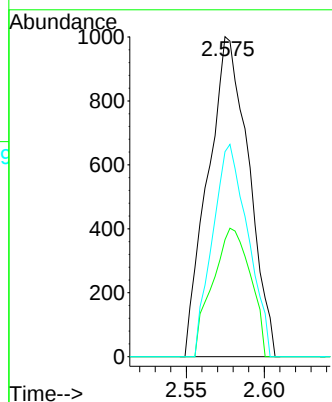
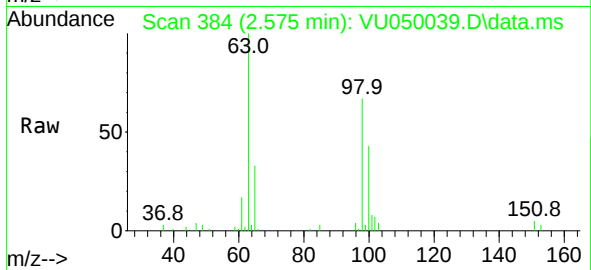




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.376 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU050039.D
 Acq: 29 Jul 2022 16:19

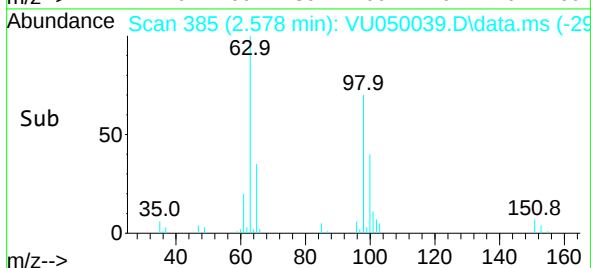
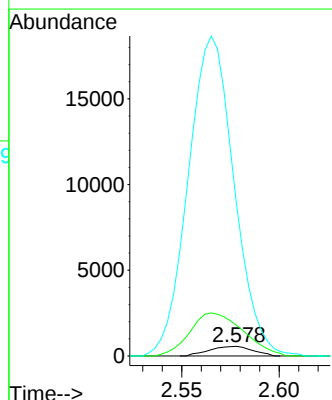
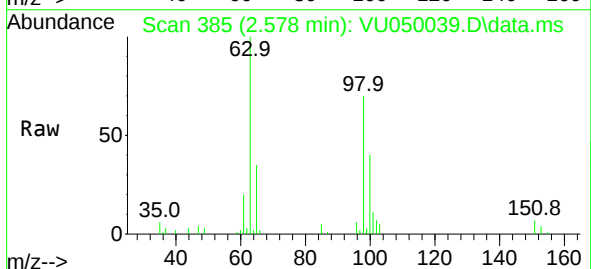
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ20

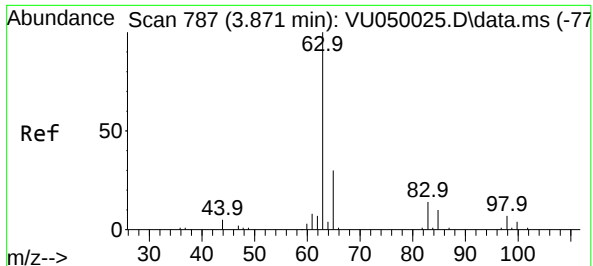
Tgt Ion:101 Resp: 1821
 Ion Ratio Lower Upper
 101 100
 85 37.2 34.1 51.1
 151 57.6 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 0.193 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU050039.D
 Acq: 29 Jul 2022 16:19

Tgt Ion: 96 Resp: 868
 Ion Ratio Lower Upper
 96 100
 61 322.6 115.7 214.9#
 63 1602.5 84.8 157.4#





#19

1,1-Dichloroethane

Concen: 0.195 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU050039.D

Acq: 29 Jul 2022 16:19

Instrument :

MSVOA_U

ClientSampleId :

GBJ20

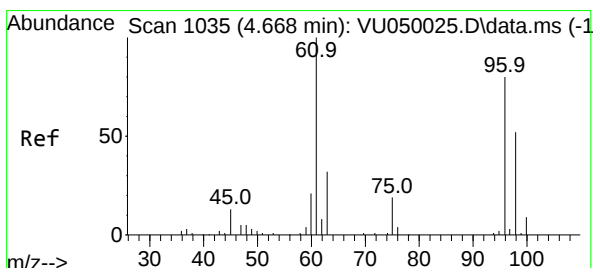
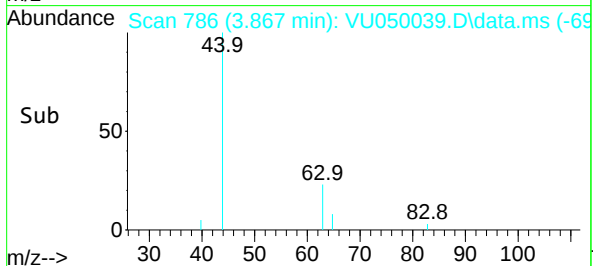
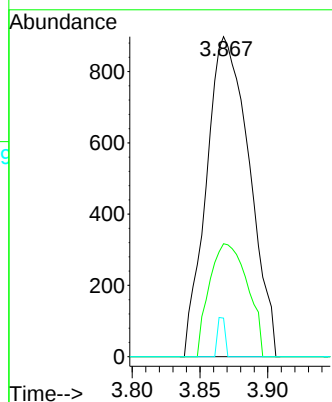
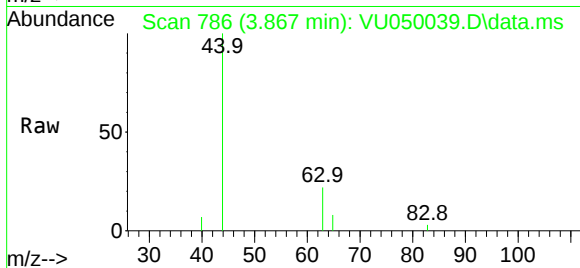
Tgt Ion: 63 Resp: 1973

Ion Ratio Lower Upper

63 100

65 35.3 23.4 43.6

83 12.0 9.4 17.4



#22

cis-1,2-Dichloroethene

Concen: 1.405 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU050039.D

Acq: 29 Jul 2022 16:19

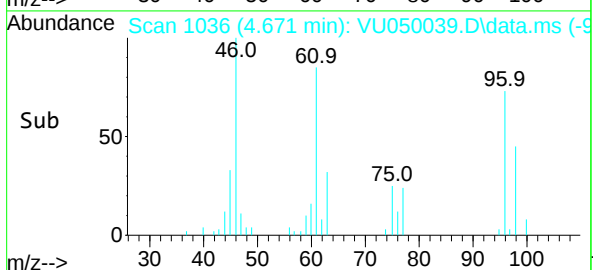
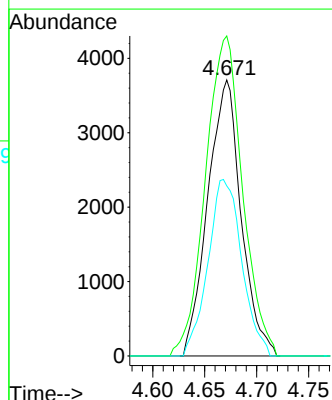
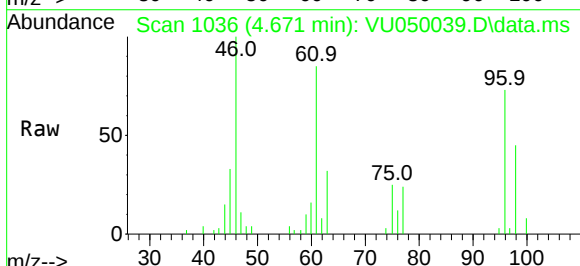
Tgt Ion: 96 Resp: 8287

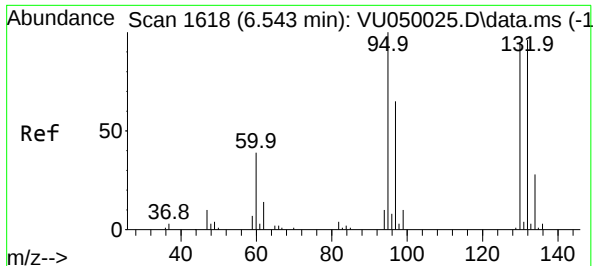
Ion Ratio Lower Upper

96 100

61 115.9 87.2 161.9

98 61.6 44.7 83.1

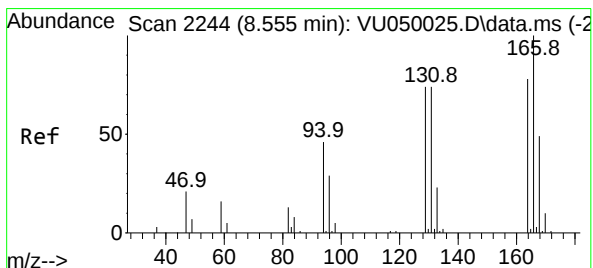
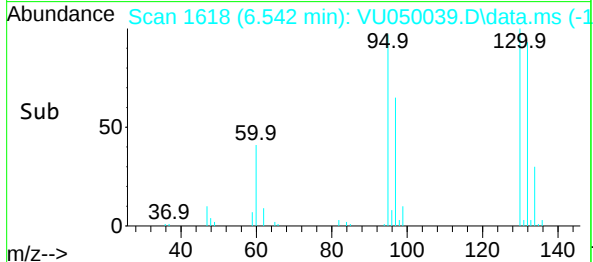
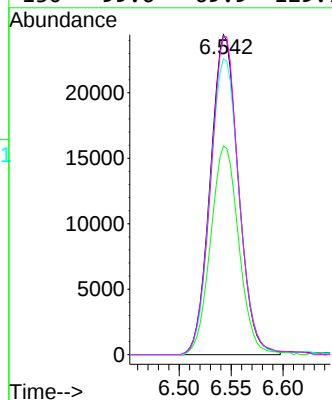
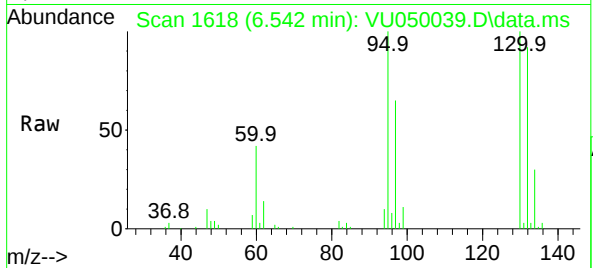




#34
Trichloroethene
Concen: 7.998 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU050039.D
Acq: 29 Jul 2022 16:19

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GBJ20

Tgt Ion: 95 Resp: 45891
Ion Ratio Lower Upper
95 100
97 65.2 45.6 84.8
132 92.5 66.8 124.2
130 99.6 69.9 129.7



#47
Tetrachloroethene
Concen: 0.371 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU050039.D
Acq: 29 Jul 2022 16:19

Tgt Ion:164 Resp: 1534
Ion Ratio Lower Upper
164 100
129 100.4 66.3 123.1
131 89.8 63.1 117.1
166 136.1 84.6 157.0

