

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047718.D
 Acq On : 26 Mar 2022 18:44
 Operator : SY/MD
 Sample : N2081-20DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Y7DL

Quant Time: Mar 28 05:11:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 28 05:05:44 2022
 Response via : Initial Calibration

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

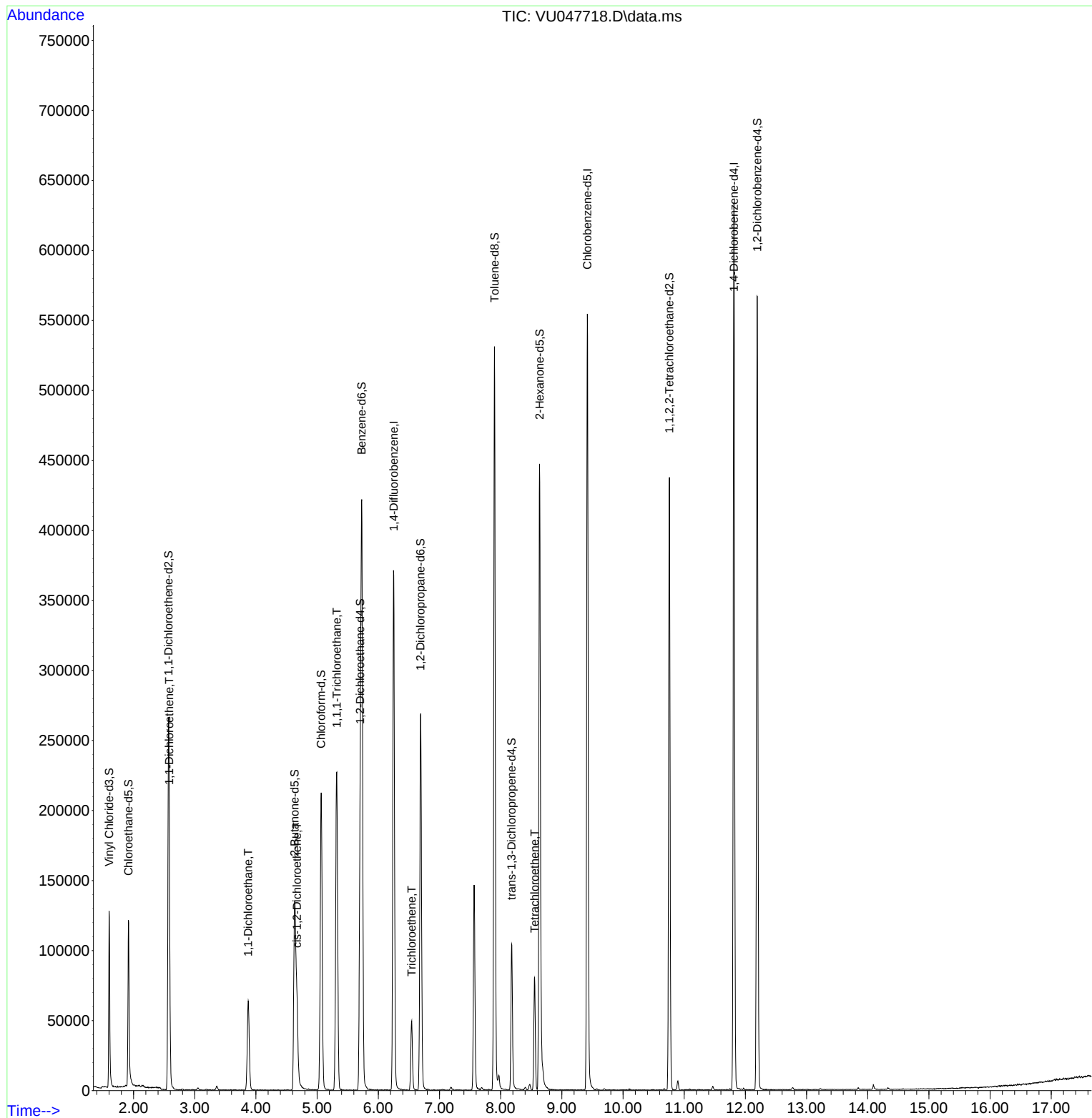
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	315066	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	323472	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	173325	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	93919	41.107	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.220%		
7) Chloroethane-d5	1.915	69	89262	49.548	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.100%		
11) 1,1-Dichloroethene-d2	2.571	63	145921	34.908	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.820%		
21) 2-Butanone-d5	4.632	46	219403	111.880	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.880%		
24) Chloroform-d	5.066	84	196539	47.013	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.020%		
26) 1,2-Dichloroethane-d4	5.703	65	131506	51.290	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.580%		
32) Benzene-d6	5.729	84	395779	48.625	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.240%		
36) 1,2-Dichloropropane-d6	6.690	67	128286	51.321	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.640%		
41) Toluene-d8	7.899	98	361129	45.538	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.080%		
43) trans-1,3-Dichloroprop...	8.179	79	59129	46.691	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.380%		
47) 2-Hexanone-d5	8.635	63	162116	110.786	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.790%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	210899	49.161	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.320%		
66) 1,2-Dichlorobenzene-d4	12.195	152	158277	51.328	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.660%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	27332	12.647	ug/L	# 37
19) 1,1-Dichloroethane	3.874	63	71954	17.898	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	22240	8.702	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	165057	45.001	ug/L	99
34) Trichloroethene	6.546	95	16303	6.642	ug/L	97
46) Tetrachloroethene	8.555	164	18862	8.551	ug/L	98

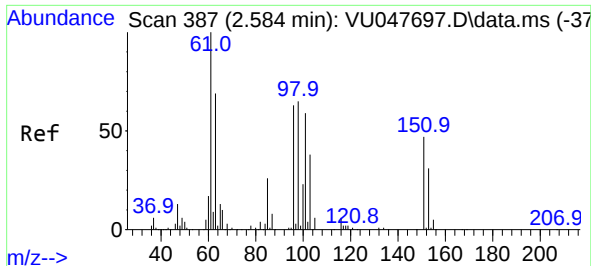
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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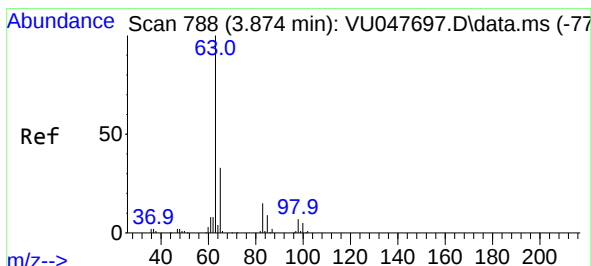
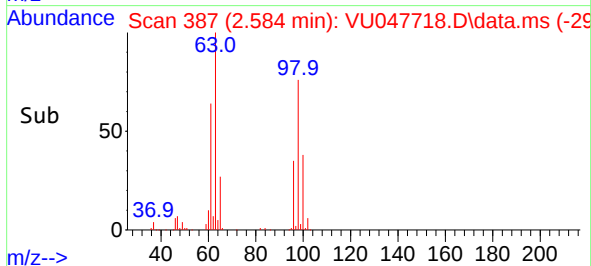
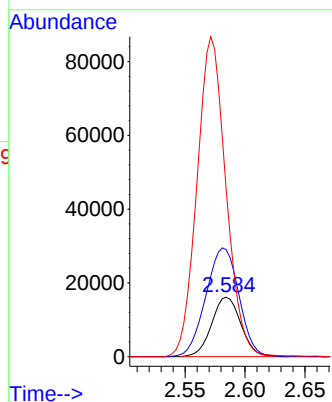
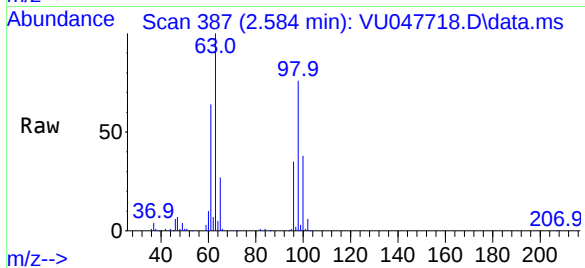




#12
1,1-Dichloroethene
Concen: 12.647 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU047718.D
Acq: 26 Mar 2022 18:44

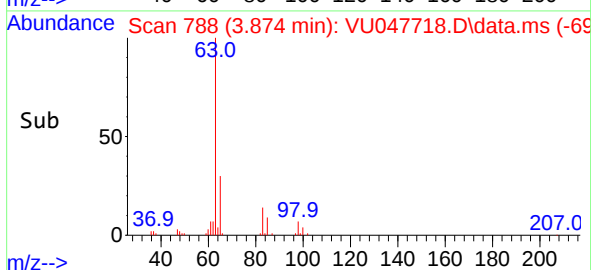
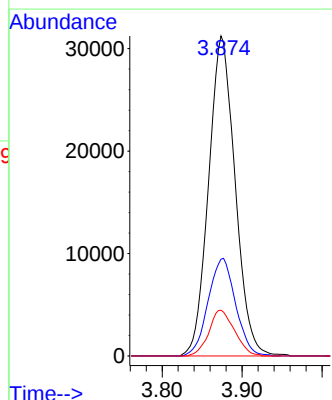
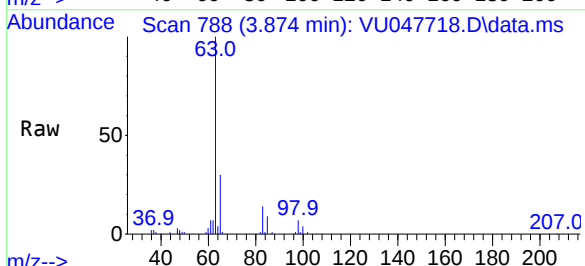
Instrument :
MSVOA_U
ClientSampleId :
EW5Y7DL

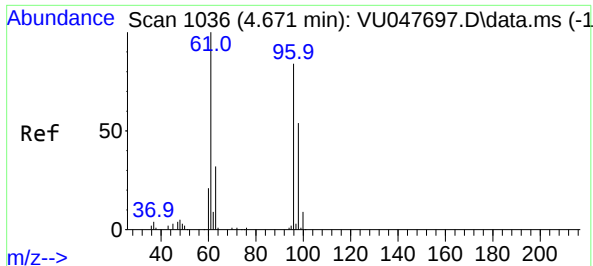
Tgt Ion: 96 Resp: 27332
Ion Ratio Lower Upper
96 100
61 180.0 113.1 210.1
63 281.9 94.8 176.0#



#19
1,1-Dichloroethane
Concen: 17.898 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU047718.D
Acq: 26 Mar 2022 18:44

Tgt Ion: 63 Resp: 71954
Ion Ratio Lower Upper
63 100
65 30.3 22.0 41.0
83 14.3 9.7 18.1

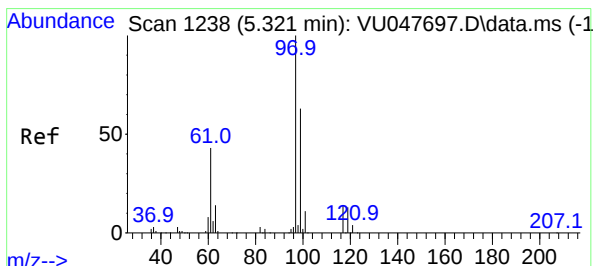
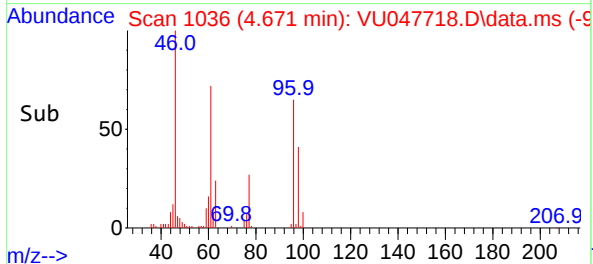
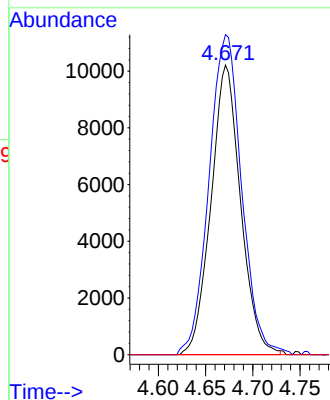
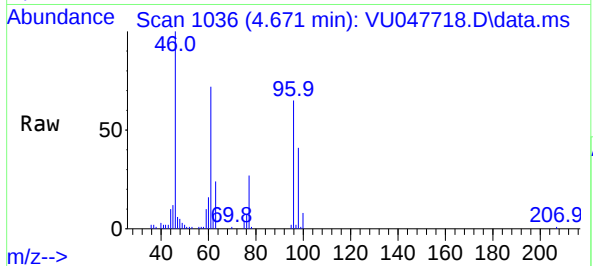




#20
cis-1,2-Dichloroethene
Concen: 8.702 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047718.D
Acq: 26 Mar 2022 18:44

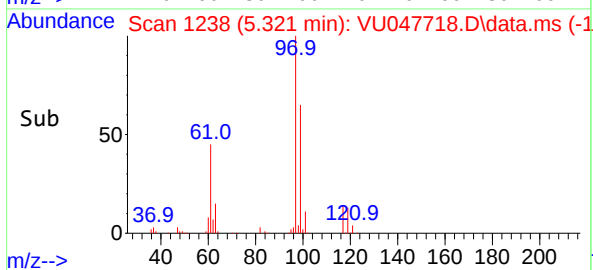
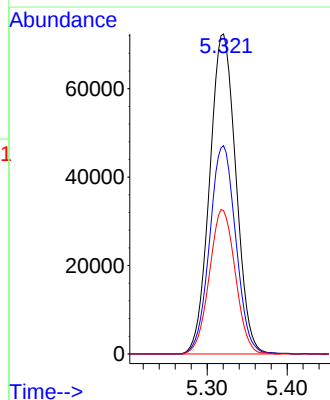
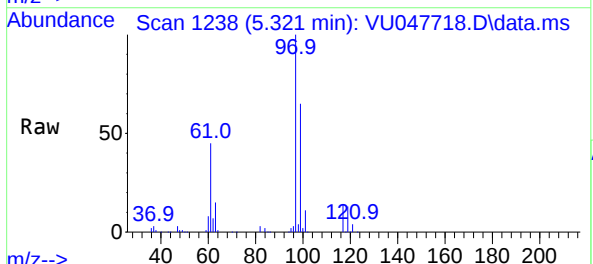
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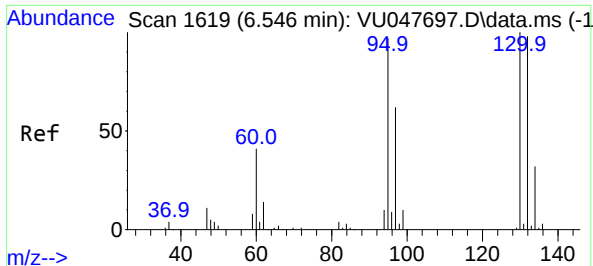
Tgt Ion: 96 Resp: 22240
Ion Ratio Lower Upper
96 100
61 110.5 80.7 149.9
68 0.0 0.0 0.0



#30
1,1,1-Trichloroethane
Concen: 45.001 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU047718.D
Acq: 26 Mar 2022 18:44

Tgt Ion: 97 Resp: 165057
Ion Ratio Lower Upper
97 100
99 64.9 51.6 77.4
61 44.6 34.2 51.4

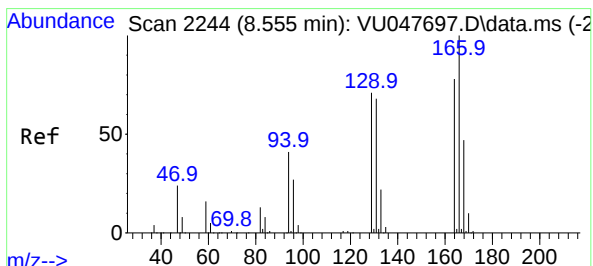
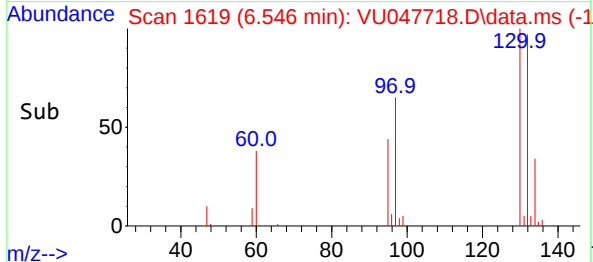
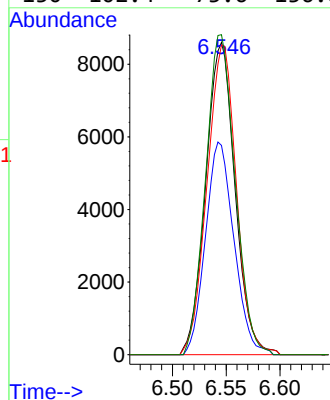
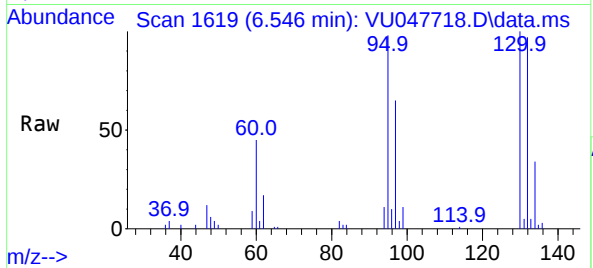




#34
Trichloroethene
Concen: 6.642 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047718.D
Acq: 26 Mar 2022 18:44

Instrument :
MSVOA_U
ClientSampleId :
EW5Y7DL

Tgt Ion: 95 Resp: 16303
Ion Ratio Lower Upper
95 100
97 67.0 44.7 82.9
132 99.1 70.4 130.8
130 102.4 73.6 136.8



#46
Tetrachloroethene
Concen: 8.551 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047718.D
Acq: 26 Mar 2022 18:44

Tgt Ion: 164 Resp: 18862
Ion Ratio Lower Upper
164 100
129 90.8 62.4 116.0
131 89.1 60.7 112.7
166 128.7 89.0 165.4

