

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047906.D
 Acq On : 11 Apr 2022 15:19
 Operator : SY/MD
 Sample : N2343-05DL 4X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:03:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 01:57:58 2022
 Response via : Initial Calibration

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

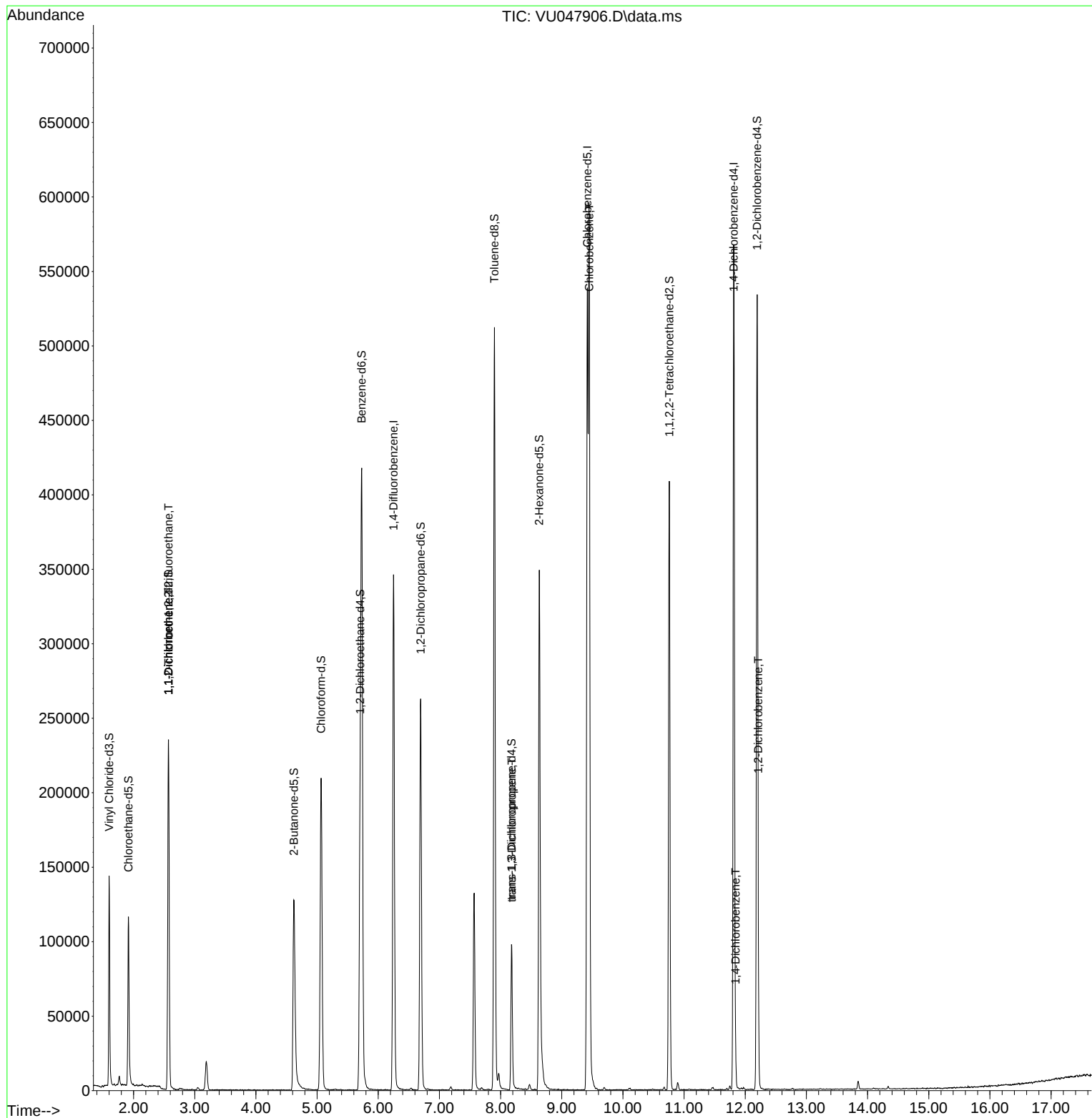
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	294407	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	310658	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	160947	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	101977	47.766	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.540%
7) Chloroethane-d5	1.916	69	89530	53.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.360%
11) 1,1-Dichloroethene-d2	2.571	63	133451	34.165	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.340%
21) 2-Butanone-d5	4.620	46	177503	96.866	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.870%
24) Chloroform-d	5.067	84	198544	50.826	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.660%
26) 1,2-Dichloroethane-d4	5.703	65	127706	53.303	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.600%
32) Benzene-d6	5.729	84	395728	50.624	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.240%
36) 1,2-Dichloropropane-d6	6.693	67	126712	52.782	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.560%
41) Toluene-d8	7.899	98	348201	45.719	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.440%
43) trans-1,3-Dichloroprop...	8.179	79	54779	45.040	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.080%
47) 2-Hexanone-d5	8.632	63	122530	87.188	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.190%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	199543	48.433	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.860%
66) 1,2-Dichlorobenzene-d4	12.195	152	151380	52.867	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.740%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1439	0.663	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1146	0.567	ug/L #	1
44) trans-1,3-Dichloropropene	8.182	75	2590	0.731	ug/L #	70
51) Chlorobenzene	9.449	112	327871	48.942	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	8062	1.610	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	7760	1.604	ug/L	91

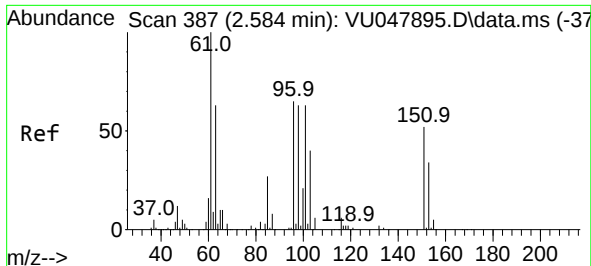
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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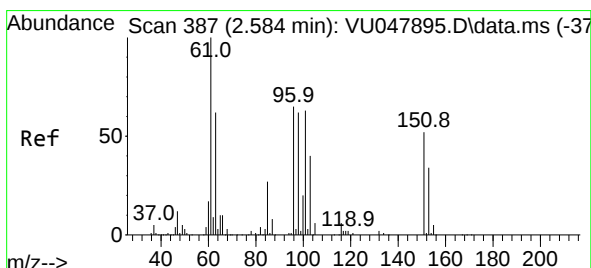
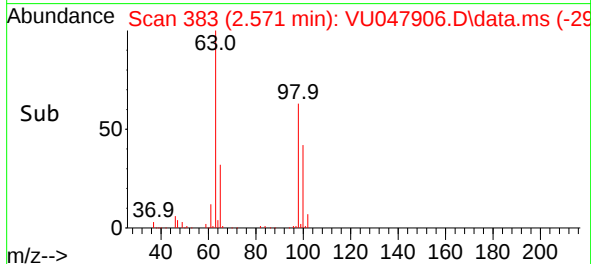
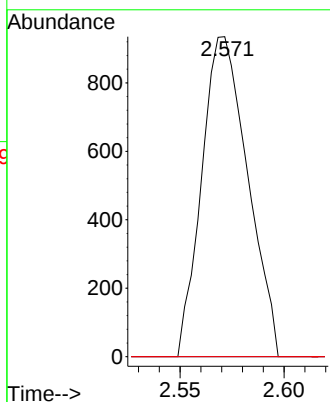
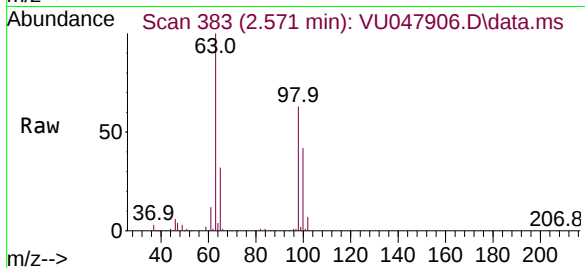




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.663 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU047906.D
 Acq: 11 Apr 2022 15:19

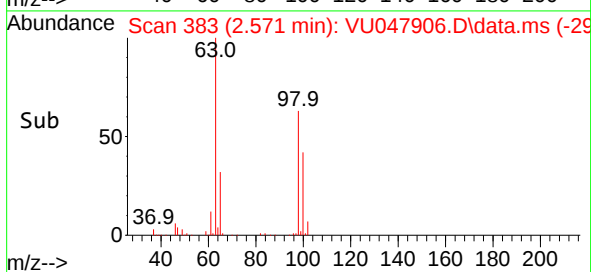
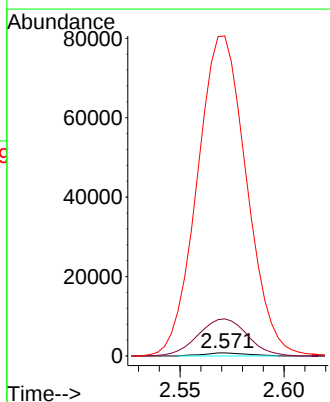
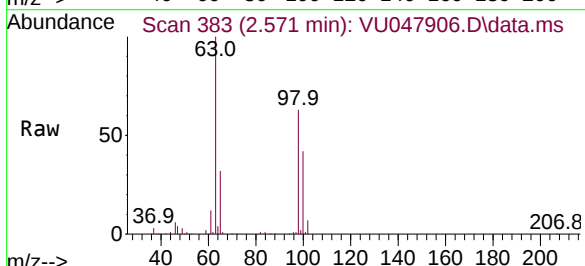
Instrument :
 MSVOA_U
 ClientSampleId :

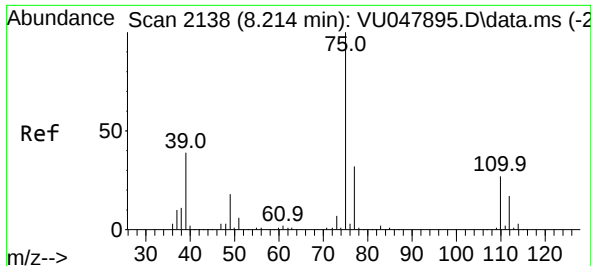
Tgt Ion:101 Resp: 1439
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.567 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU047906.D
 Acq: 11 Apr 2022 15:19

Tgt Ion: 96 Resp: 1146
 Ion Ratio Lower Upper
 96 100
 61 1187.8 113.1 210.1#
 63 10240.4 94.8 176.0#

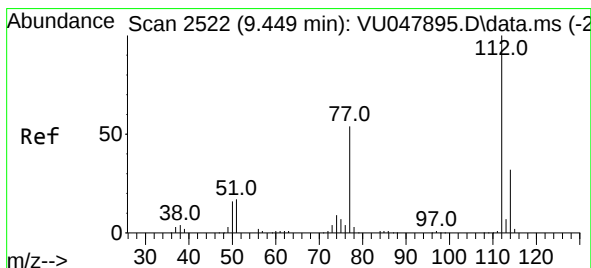
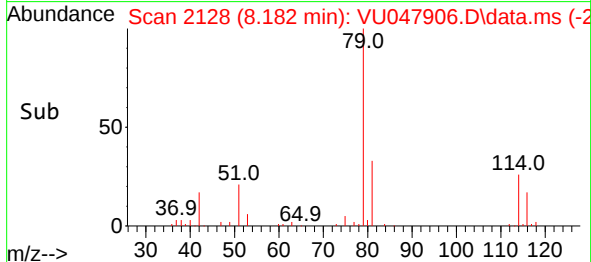
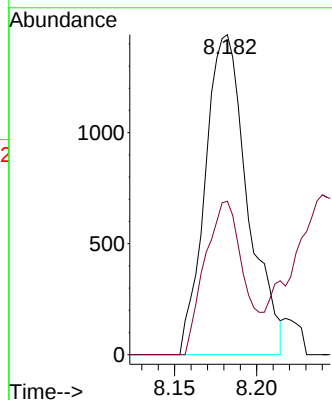
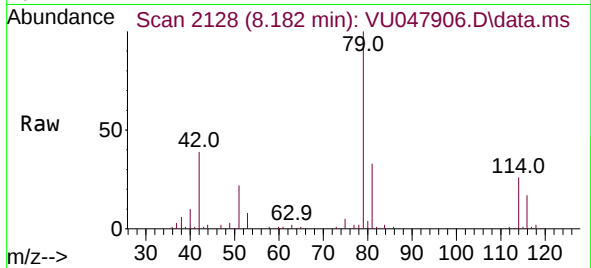




#44
trans-1,3-Dichloropropene
Concen: 0.731 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU047906.D
Acq: 11 Apr 2022 15:19

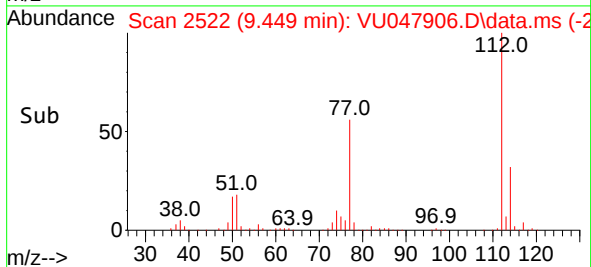
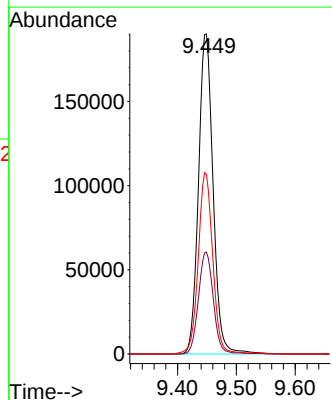
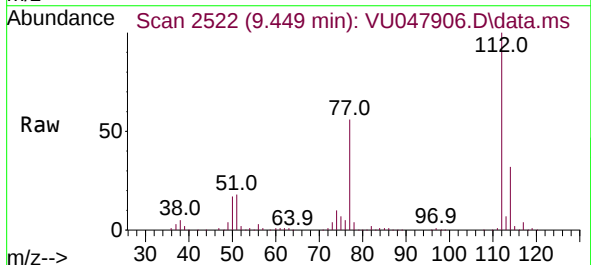
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MSVOA_U
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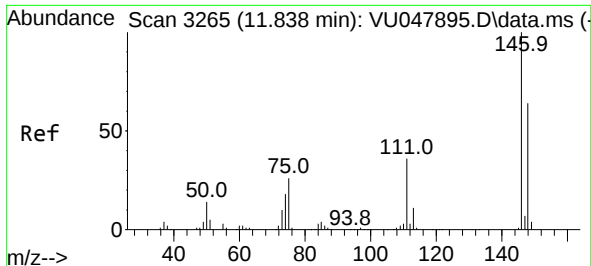
Tgt Ion: 75 Resp: 2590
Ion Ratio Lower Upper
75 100
77 48.0 22.0 40.8#



#51
Chlorobenzene
Concen: 48.942 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU047906.D
Acq: 11 Apr 2022 15:19

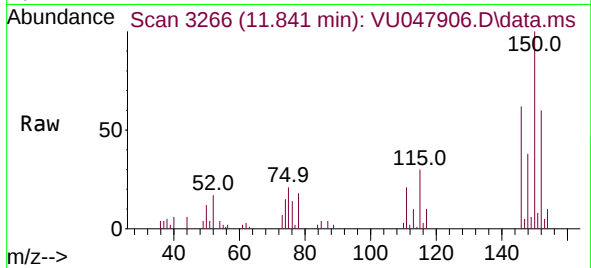
Tgt Ion: 112 Resp: 327871
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 56.1 43.4 65.0



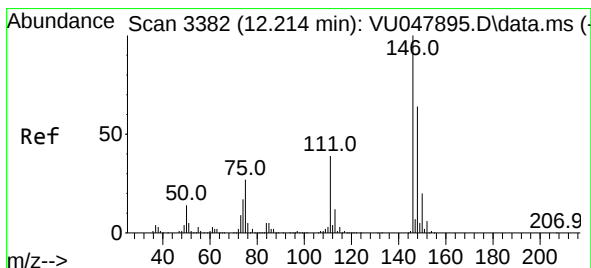
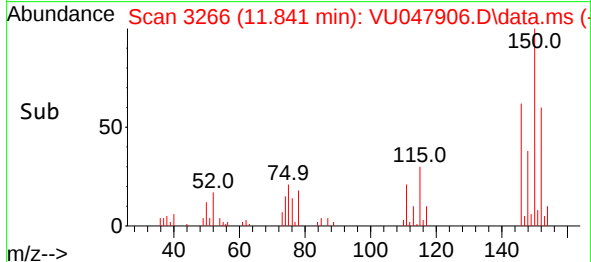
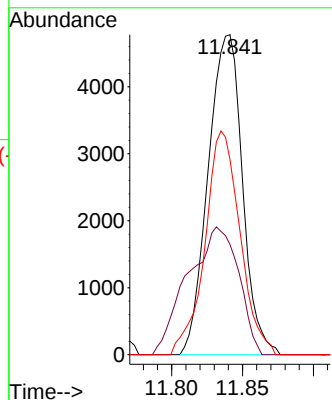


#65
1,4-Dichlorobenzene
Concen: 1.610 ug/L
RT: 11.841 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047906.D
Acq: 11 Apr 2022 15:19

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:146 Resp: 8062
Ion Ratio Lower Upper
146 100
111 34.5 25.3 47.1
148 61.0 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 1.604 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU047906.D
Acq: 11 Apr 2022 15:19

Tgt Ion:146 Resp: 7760
Ion Ratio Lower Upper
146 100
111 44.5 31.7 47.5
148 56.9 51.4 77.2

