

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021625.D
 Acq On : 23 Dec 2021 20:41
 Operator : SY/VA
 Sample : M5214-07RE
 Misc : 6.47g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLF4RE

Quant Time: Dec 24 01:47:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

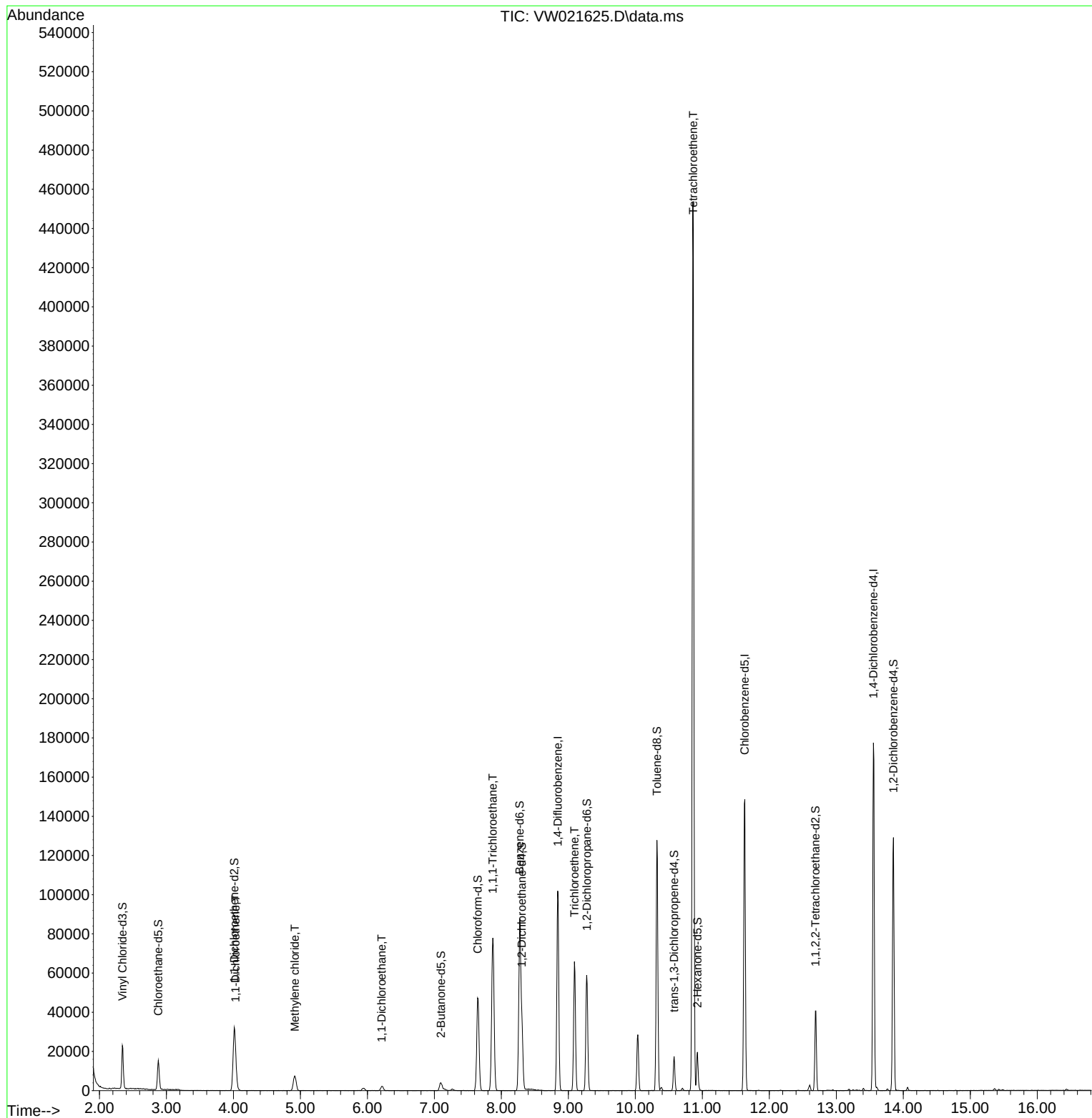
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	88051	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	87071	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	48613	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	21725	13.547	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.200%
7) Chloroethane-d5	2.879	69	15907	15.005	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.000%
11) 1,1-Dichloroethene-d2	4.013	63	28839	13.489	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.960%
21) 2-Butanone-d5	7.098	46	7829	34.634	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.260%
24) Chloroform-d	7.646	84	47589	19.394	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.560%
26) 1,2-Dichloroethane-d4	8.305	65	24775	18.981	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.920%
32) Benzene-d6	8.274	84	86403	18.104	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.400%
36) 1,2-Dichloropropane-d6	9.274	67	25278	19.749	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.000%
41) Toluene-d8	10.323	98	85411	17.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.080%
43) trans-1,3-Dichloroprop...	10.579	79	9051	15.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.440%
47) 2-Hexanone-d5	10.926	63	6743	35.626	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.260%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	18914	17.190	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	35444	18.813	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.240%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.031	96	3566	3.267	ug/L	# 1
16) Methylene chloride	4.915	84	5871	4.035	ug/L	86
19) 1,1-Dichloroethane	6.214	63	3293	1.776	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	63398	32.451	ug/L	95
34) Trichloroethene	9.091	95	20874	15.677	ug/L	86
46) Tetrachloroethene	10.865	164	101062	79.900	ug/L	94

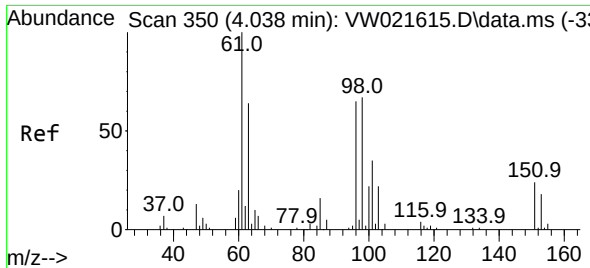
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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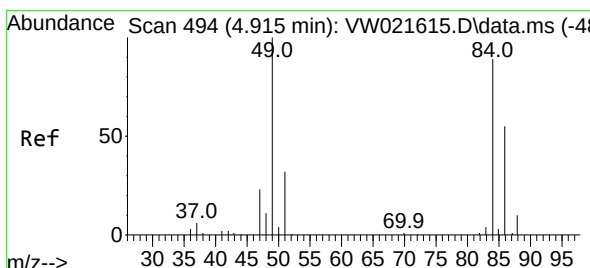
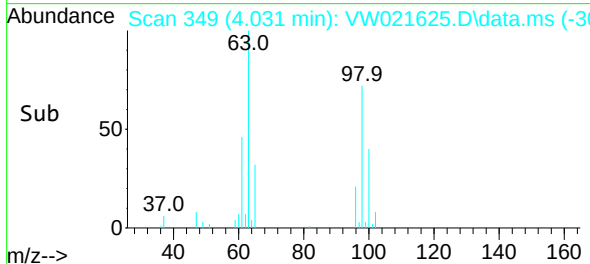
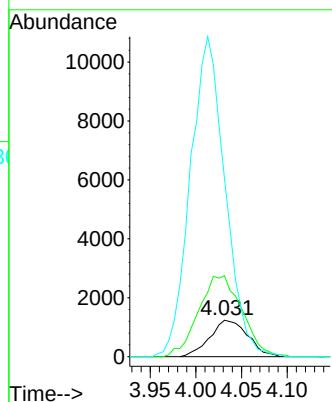
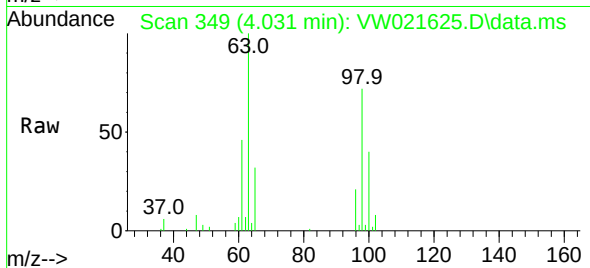




#12
1,1-Dichloroethene
Concen: 3.267 ug/L
RT: 4.031 min Scan# 349
Delta R.T. -0.006 min
Lab File: VW021625.D
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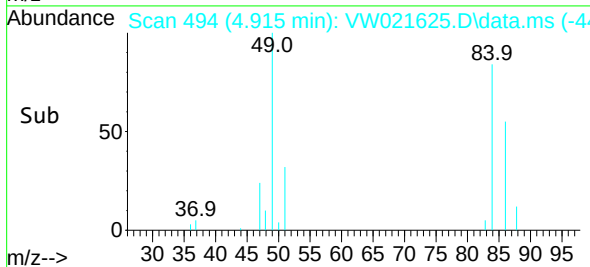
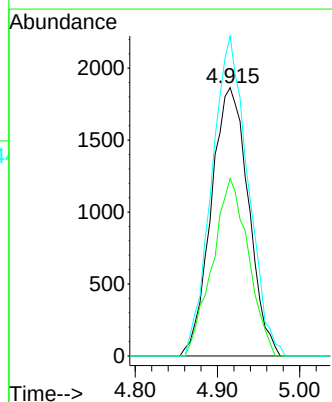
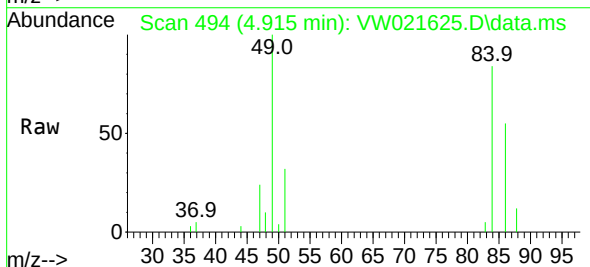
Instrument :
MSVOA_W
ClientSampleId :
BGLF4RE

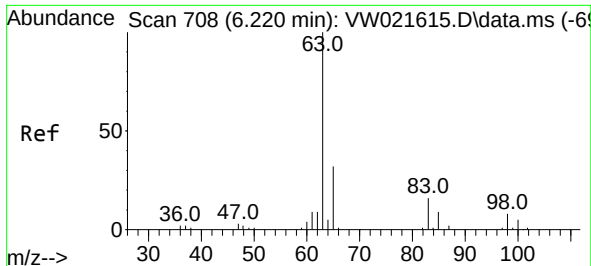
Tgt Ion: 96 Resp: 3566
Ion Ratio Lower Upper
96 100
61 221.9 138.3 256.9
63 487.5 82.6 153.4#



#16
Methylene chloride
Concen: 4.035 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021625.D
Acq: 23 Dec 2021 20:41

Tgt Ion: 84 Resp: 5871
Ion Ratio Lower Upper
84 100
86 66.1 45.5 84.5
49 119.2 100.5 186.7





#19

1,1-Dichloroethane

Concen: 1.776 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW021625.D

Acq: 23 Dec 2021 20:41

Instrument :

MSVOA_W

ClientSampleId :

BGLF4RE

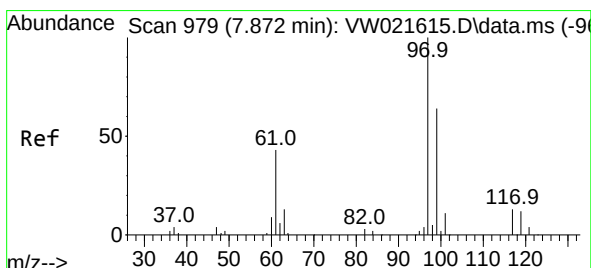
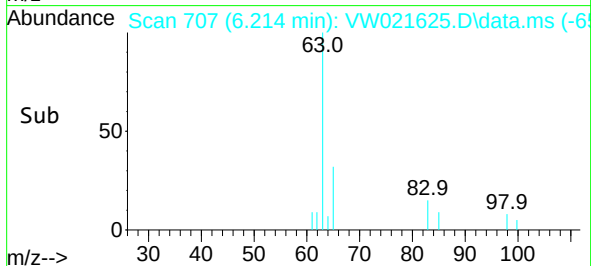
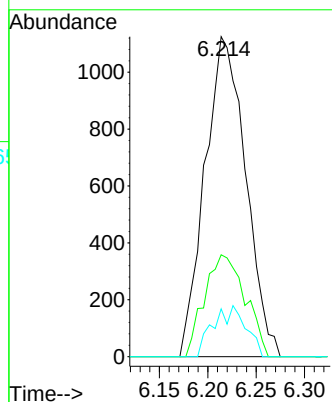
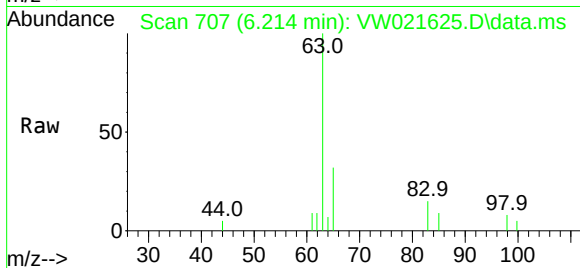
Tgt Ion: 63 Resp: 3293

Ion Ratio Lower Upper

63 100

65 31.8 22.1 41.1

83 14.9 9.2 17.2



#30

1,1,1-Trichloroethane

Concen: 32.451 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021625.D

Acq: 23 Dec 2021 20:41

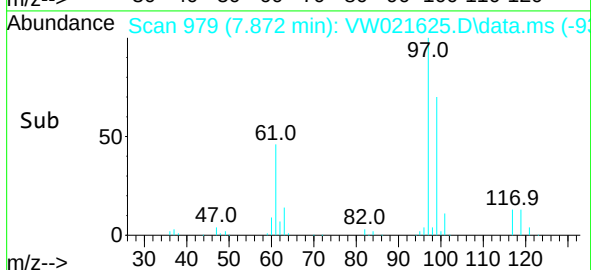
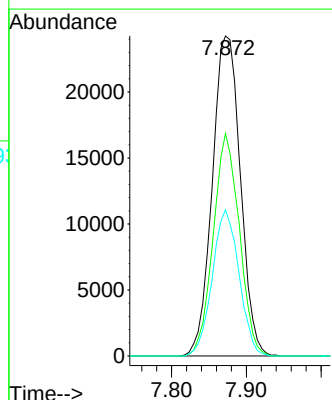
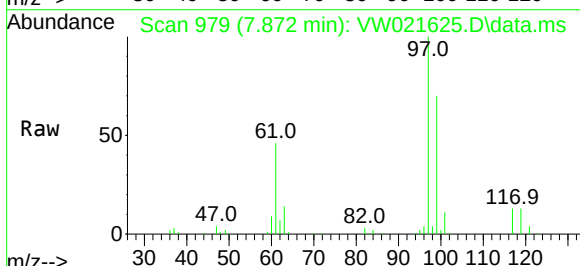
Tgt Ion: 97 Resp: 63398

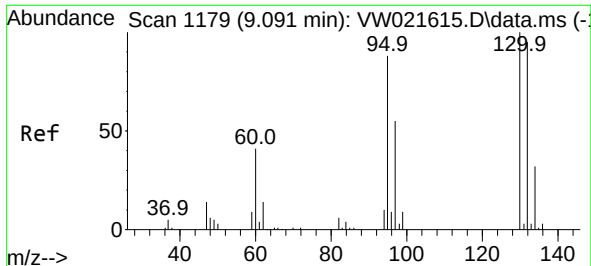
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

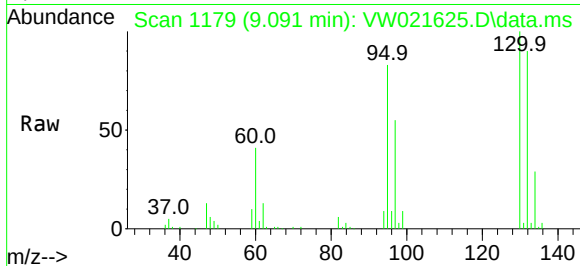
61 43.5 40.9 61.3



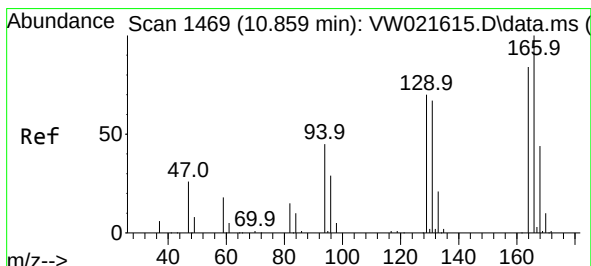
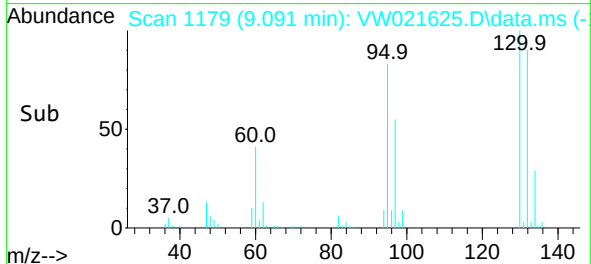
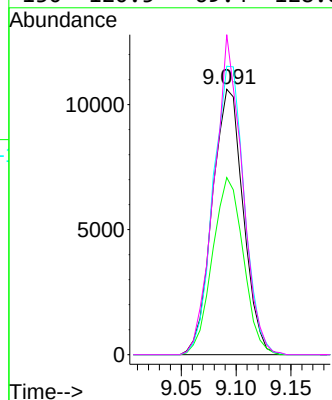


#34
Trichloroethene
Concen: 15.677 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021625.D
Acq: 23 Dec 2021 20:41

Instrument :
MSVOA_W
ClientSampleId :
BGLF4RE



Tgt Ion: 95 Resp: 20874
Ion Ratio Lower Upper
95 100
97 66.7 47.0 87.2
132 108.7 65.5 121.6
130 120.5 69.4 128.8



#46
Tetrachloroethene
Concen: 79.900 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021625.D
Acq: 23 Dec 2021 20:41

Tgt Ion:164 Resp: 101062
Ion Ratio Lower Upper
164 100
129 94.2 65.5 121.7
131 79.5 59.7 110.9
166 116.0 88.7 164.7

