

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018391.D
 Acq On : 19 Mar 2021 16:05
 Operator : SY/VA
 Sample : M1685-18
 Misc : 5.69G/10ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4G6

Manual Integrations
 APPROVED

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 3/22/2021 4:14:08 PM

Quant Time: Mar 20 01:42:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 01:36:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	502881	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	447982	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	212411	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	177470	25.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.44%			
7) Chloroethane-d5	2.891	69	158642	25.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.60%			
10) 1,1-Dichloroethene-d2	4.019	63	212359	17.58	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.32%			
20) 2-Butanone-d5	7.073	46	74076	47.55	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.10%			
24) Chloroform-d	7.646	84	295572	23.08	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.32%			
26) 1,2-Dichloroethane-d4	8.305	65	178652	23.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.56%			
29) Benzene-d6	8.274	84	576000	24.19	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.76%			
33) 1,2-Dichloropropane-d6	9.274	67	170134	24.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.08%			
37) Toluene-d8	10.323	98	534510	23.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.24%			
38) trans-1,3-Dichloroprop...	10.579	79	77832	21.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.88%			
39) 2-Hexanone-d5	10.920	63	63317	47.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.20%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	143554	23.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.44%			
61) 1,2-Dichlorobenzene-d4	13.853	152	172019	22.78	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.12%			
Target Compounds						Qvalue
13) Acetone	4.129	43	6521m	5.83	ug/L	
14) Carbon disulfide	4.385	76	4389	0.23	ug/L	98
16) Methylene chloride	4.921	84	23518	2.85	ug/L	86
22) cis-1,2-Dichloroethene	7.165	96	16030	2.19	ug/L	96
47) Tetrachloroethene	10.865	164	3188	0.59	ug/L	91

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

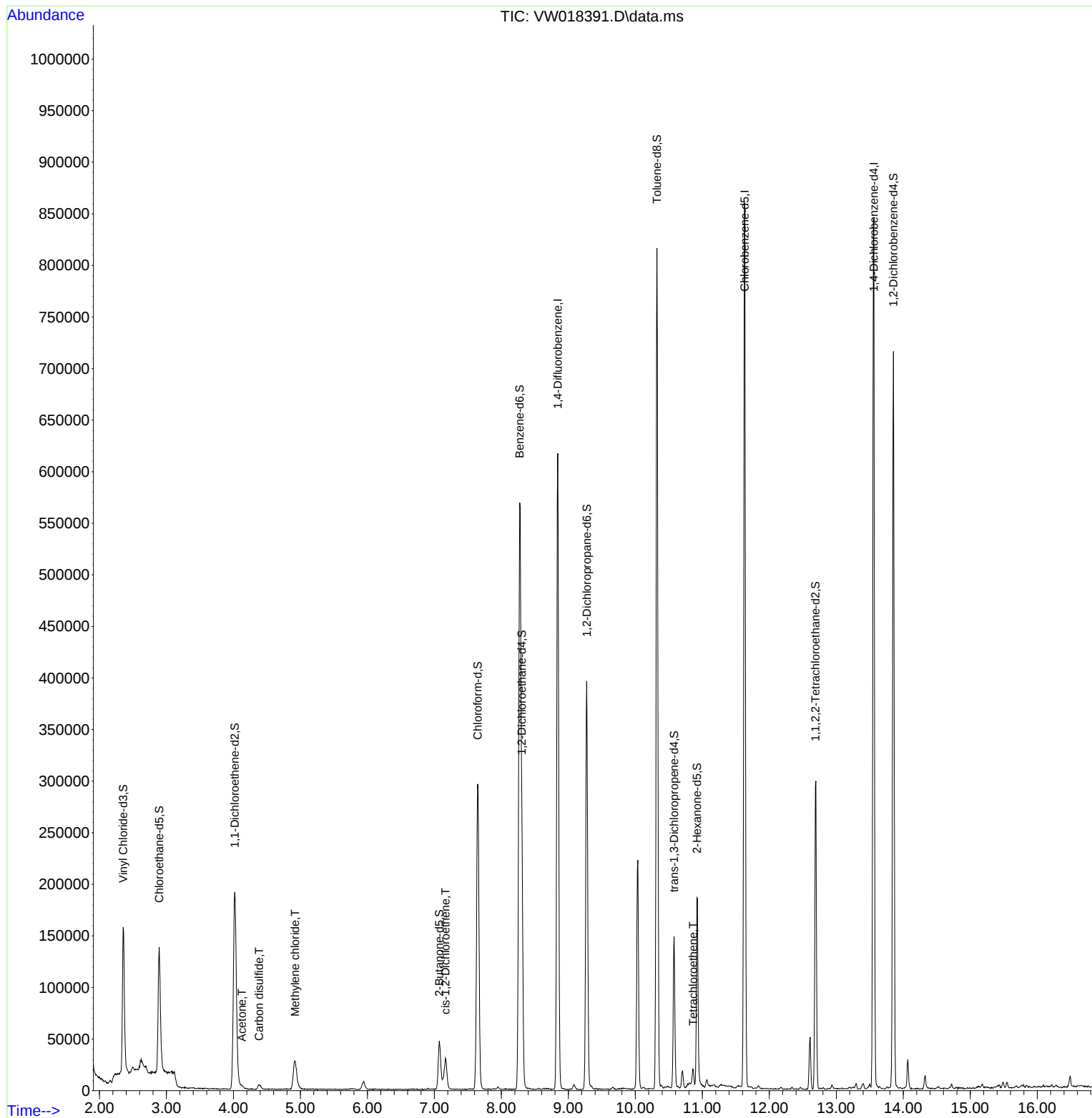
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Data File : VW018391.D
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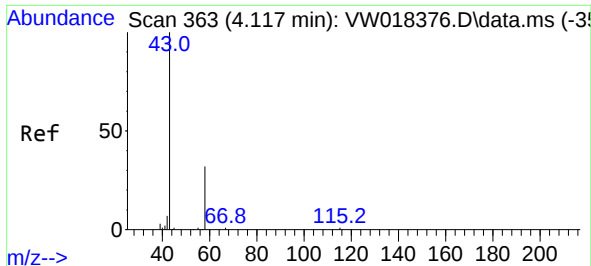
Instrument :
MSVOA_W
ClientSampled :
BG4G6

Manual Integrations
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Quant Time: Mar 20 01:42:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 20 01:36:44 2021
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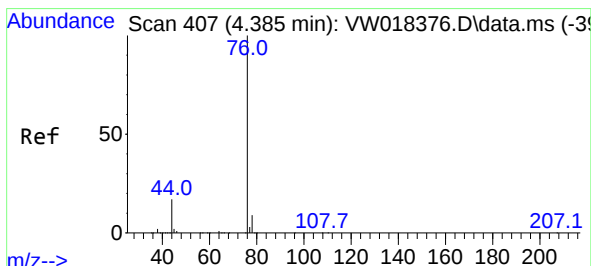
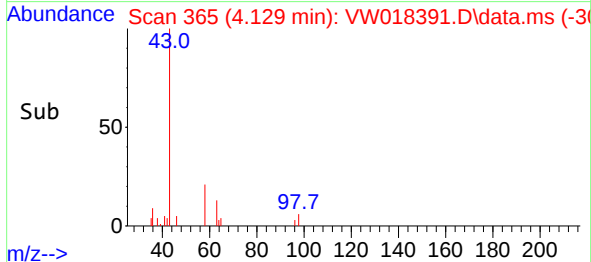
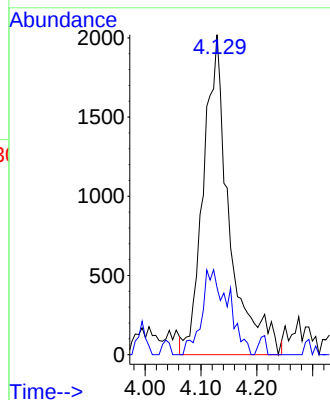
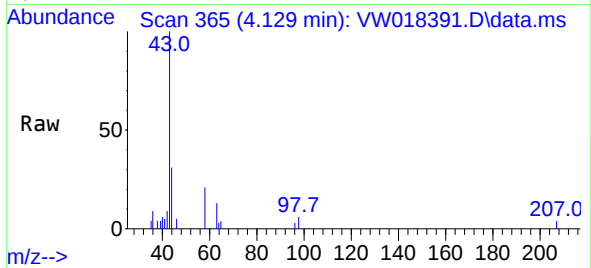
#13
Acetone
Concen: 5.83 ug/L m
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018391.D
Acq: 19 Mar 2021 16:05

Tgt Ion: 43 Resp: 6521
Ion Ratio Lower Upper
43 100
58 20.1 0.0 62.2

Instrument :
MSVOA_W
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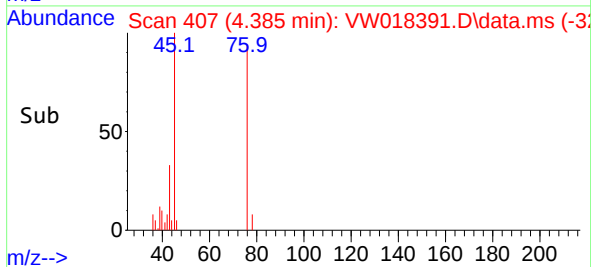
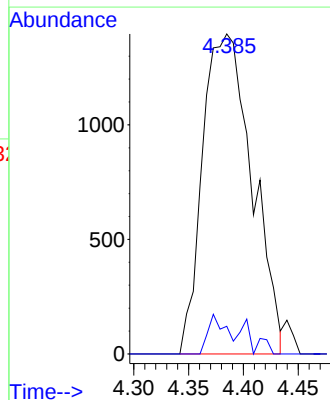
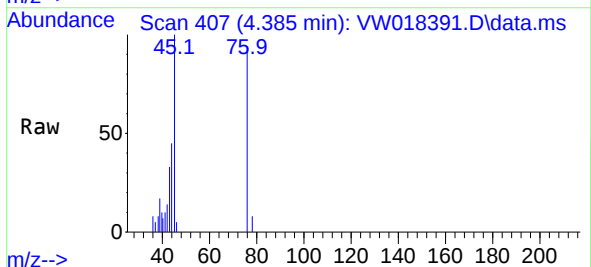
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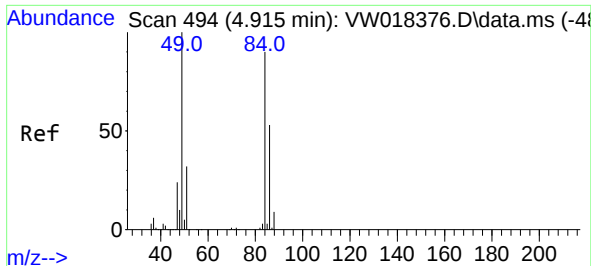
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#14
Carbon disulfide
Concen: 0.23 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018391.D
Acq: 19 Mar 2021 16:05

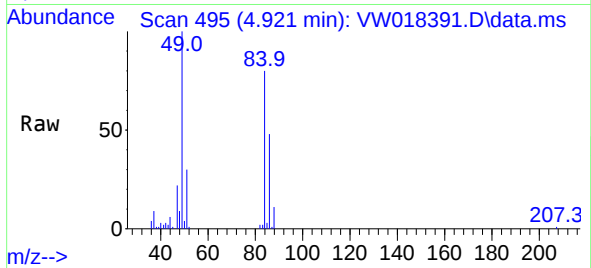
Tgt Ion: 76 Resp: 4389
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2





#16
Methylene chloride
Concen: 2.85 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018391.D
Acq: 19 Mar 2021 16:05

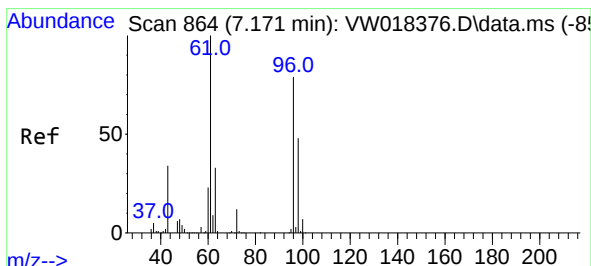
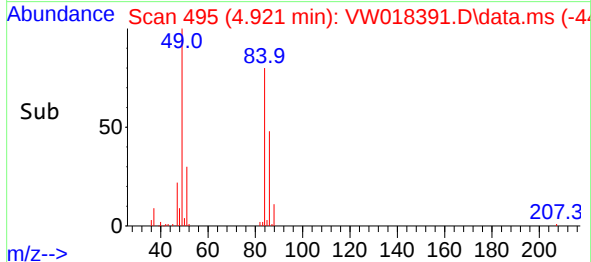
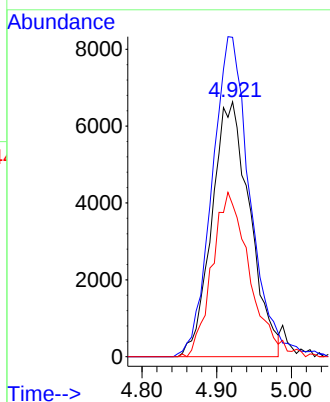
Instrument :
MSVOA_W
ClientSampled :
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Tgt Ion: 84 Resp: 23518
Ion Ratio Lower Upper
84 100
49 125.3 74.4 138.2
86 59.6 46.1 85.7

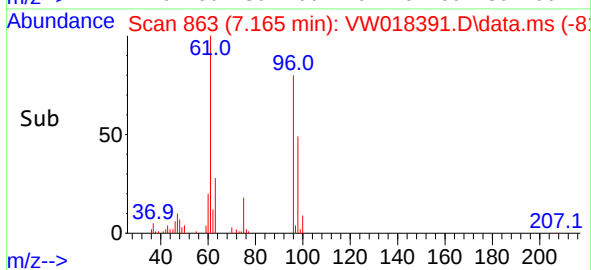
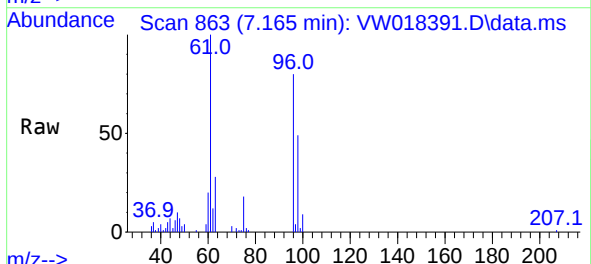
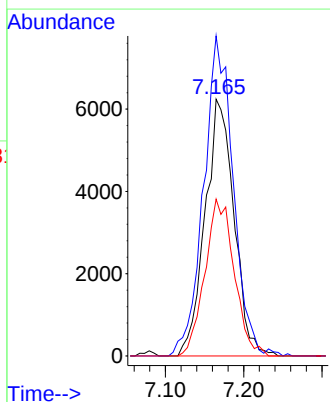
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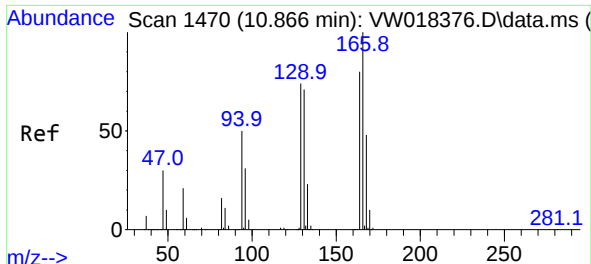
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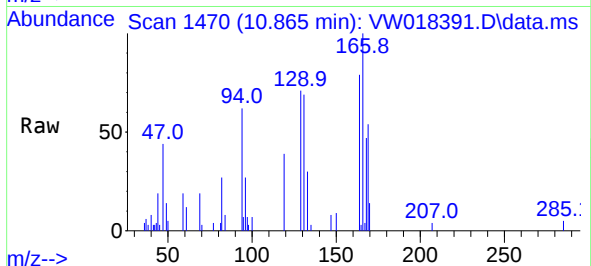
#22
cis-1,2-Dichloroethene
Concen: 2.19 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW018391.D
Acq: 19 Mar 2021 16:05

Tgt Ion: 96 Resp: 16030
Ion Ratio Lower Upper
96 100
61 124.6 84.8 157.6
98 61.1 45.1 83.9

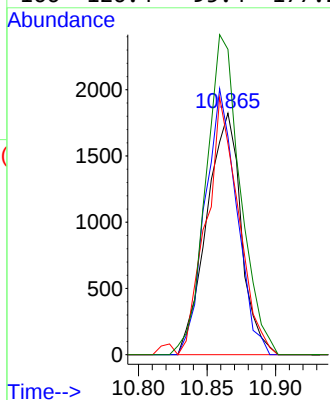
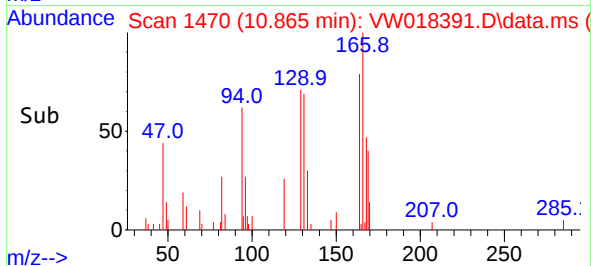




#47
Tetrachloroethene
Concen: 0.59 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW018391.D
Acq: 19 Mar 2021 16:05



Tgt Ion:	164	Resp:	3188
Ion	Ratio	Lower	Upper
164	100		
129	90.3	68.8	127.8
131	87.3	68.3	126.8
166	126.4	95.4	177.2



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