

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022888.D
 Acq On : 19 Oct 2021 00:18
 Operator : SY/MD
 Sample : M4137-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA2

Quant Time: Oct 19 04:08:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 04:07:06 2021
 Response via : Initial Calibration

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

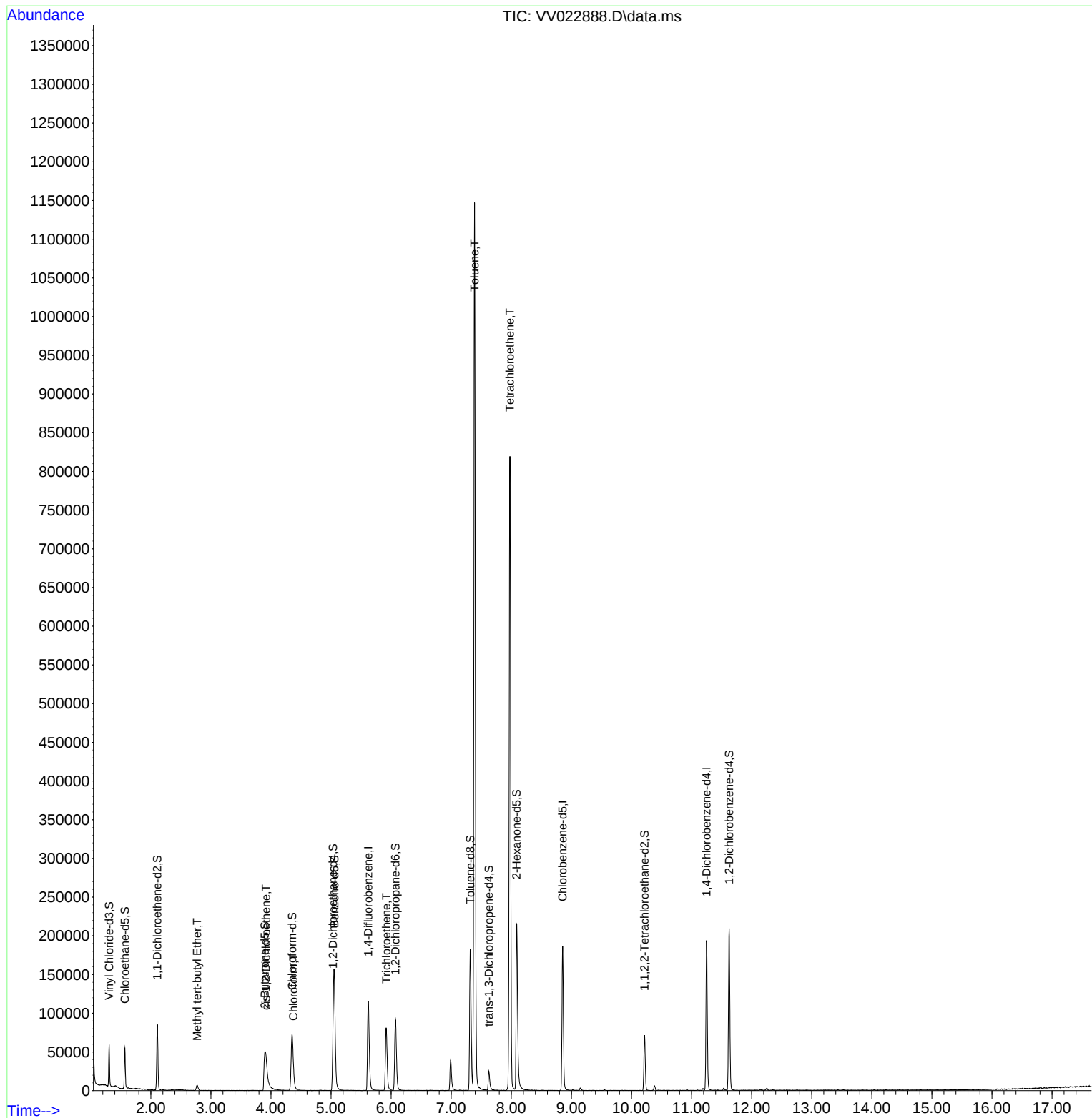
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	103186	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	107495	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51405	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32970	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.568	69	31536	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.108	63	42760	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	3.895	46	86352	46.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.78%
24) Chloroform-d	4.352	84	75826	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.034	65	36243	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.053	84	141758	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.072	67	44021	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.317	98	123574	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloroprop...	7.625	79	16135	5.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.60%
46) 2-Hexanone-d5	8.088	63	75177	59.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.68%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33272	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
66) 1,2-Dichlorobenzene-d4	11.625	152	56507	5.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.60%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.770	73	6368	0.42	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	9508	1.34	ug/L	92
25) Chloroform	4.375	83	5790	0.41	ug/L	93
34) Trichloroethene	5.918	95	28905	3.67	ug/L	98
42) Toluene	7.387	91	824696	28.06	ug/L	100
47) Tetrachloroethene	7.976	164	188315	29.58	ug/L	99

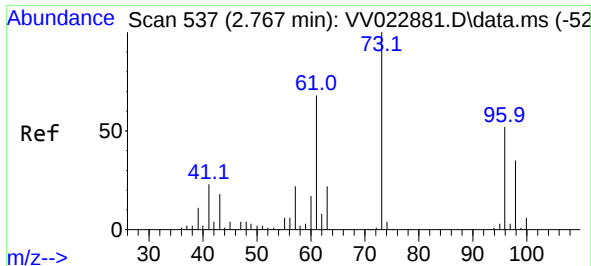
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 19 04:07:06 2021
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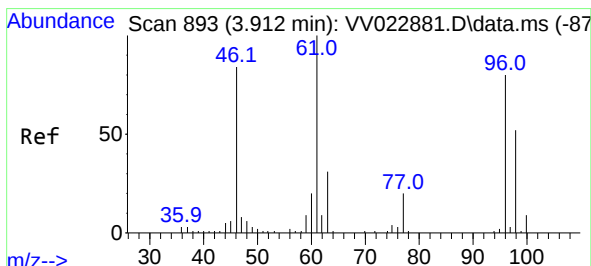
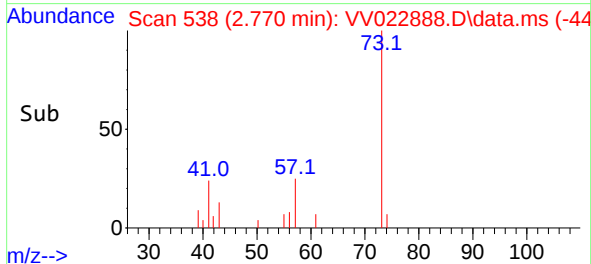
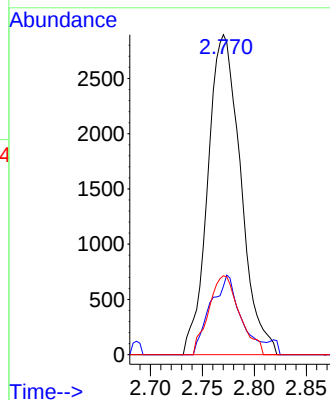
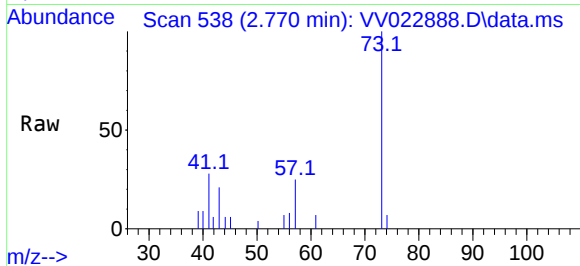




#17
Methyl tert-butyl Ether
Concen: 0.42 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022888.D
Acq: 19 Oct 2021 00:18

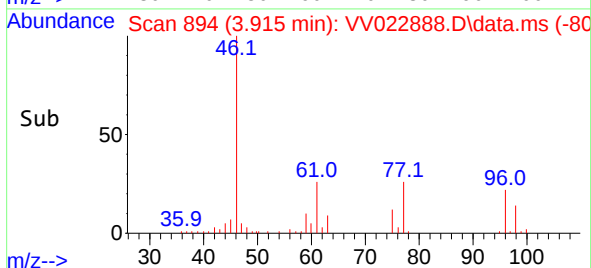
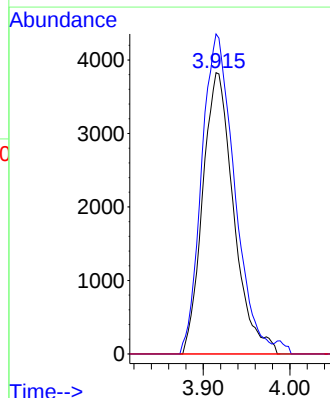
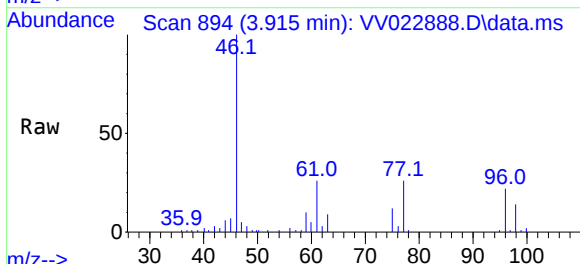
Instrument :
MSVOA_V
ClientSampleId :
BFGA2

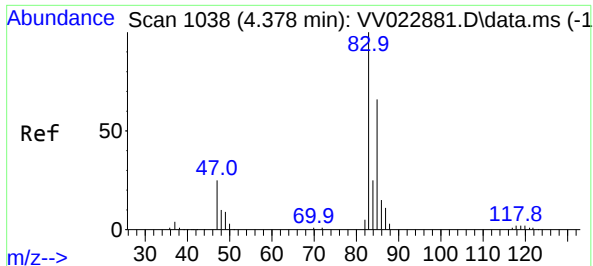
Tgt Ion: 73	Resp: 6368
Ion Ratio	Lower Upper
73 100	
43 23.1	17.1 25.7
57 23.2	17.2 25.8



#22
cis-1,2-Dichloroethene
Concen: 1.34 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022888.D
Acq: 19 Oct 2021 00:18

Tgt Ion: 96	Resp: 9508
Ion Ratio	Lower Upper
96 100	
61 113.7	86.0 159.6
68 0.0	0.0 0.0



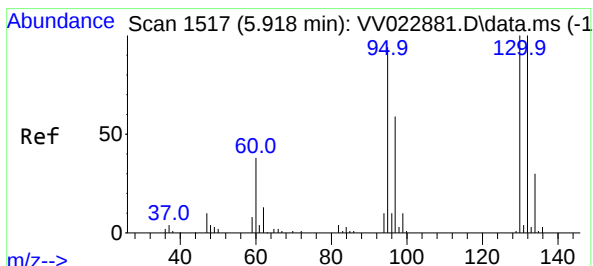
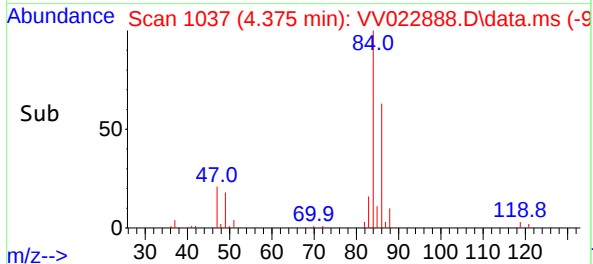
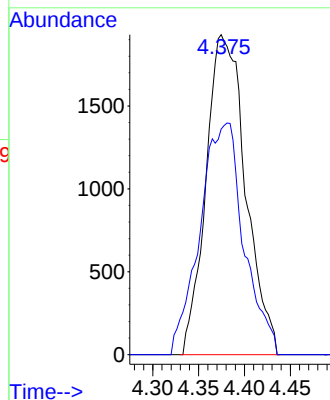
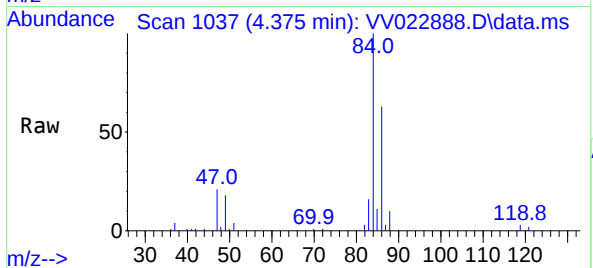


#25

Chloroform
Concen: 0.41 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VV022888.D
Acq: 19 Oct 2021 00:18

Instrument :
MSVOA_V
ClientSampled :
BFGA2

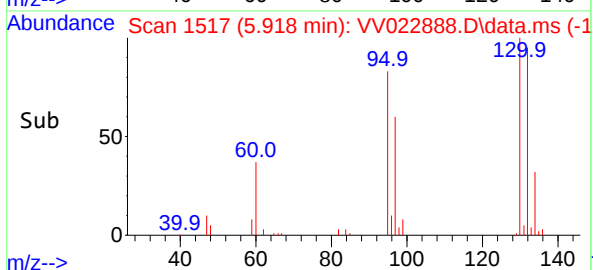
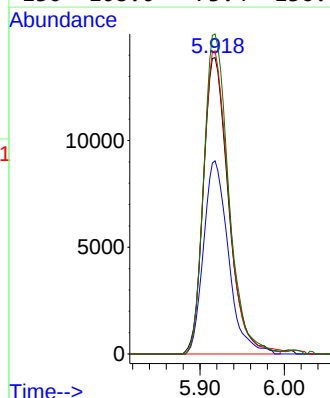
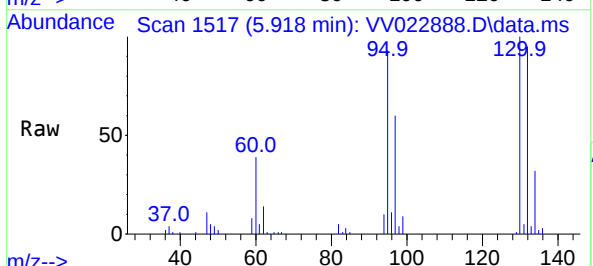
Tgt Ion: 83 Resp: 5790
Ion Ratio Lower Upper
83 100
85 70.5 45.7 84.9

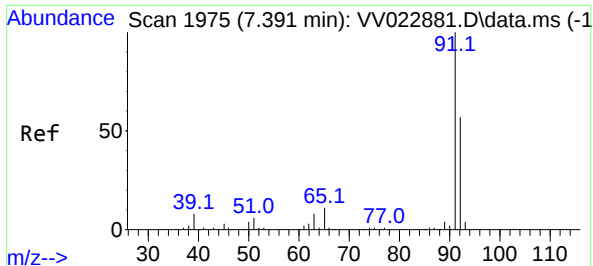


#34

Trichloroethene
Concen: 3.67 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV022888.D
Acq: 19 Oct 2021 00:18

Tgt Ion: 95 Resp: 28905
Ion Ratio Lower Upper
95 100
97 65.2 45.8 85.2
132 102.3 72.2 134.0
130 108.0 73.4 136.4

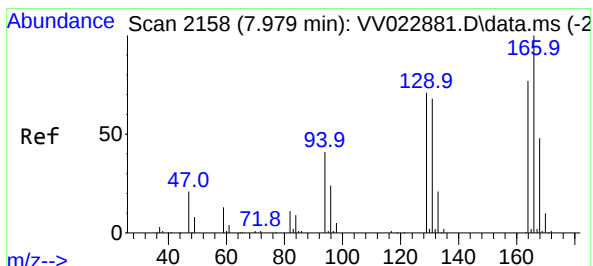
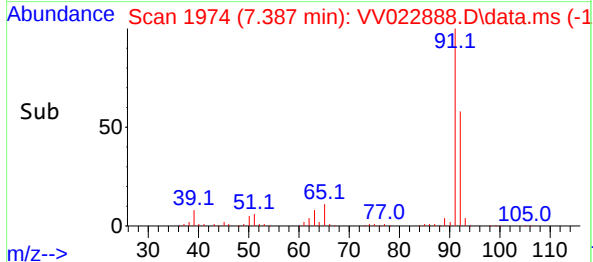
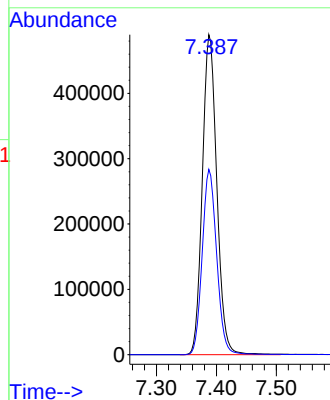
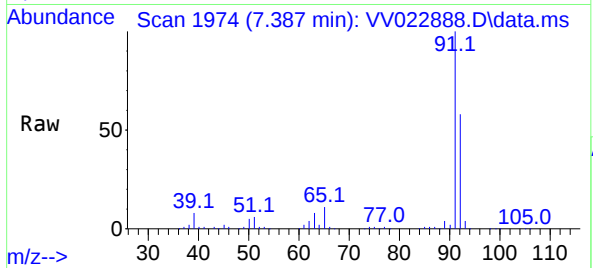




#42
Toluene
Concen: 28.06 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV022888.D
Acq: 19 Oct 2021 00:18

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 91 Resp: 824696
Ion Ratio Lower Upper
91 100
92 57.9 40.7 75.7



#47
Tetrachloroethene
Concen: 29.58 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV022888.D
Acq: 19 Oct 2021 00:18

Tgt Ion:164 Resp: 188315
Ion Ratio Lower Upper
164 100
129 90.2 65.0 120.6
131 87.6 62.2 115.4
166 127.7 89.2 165.8

