

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042423\
 Data File : VW030793.D
 Acq On : 24 Apr 2023 15:22
 Operator : SY/MD
 Sample : 02440-15 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMRO

Quant Time: Apr 25 03:22:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

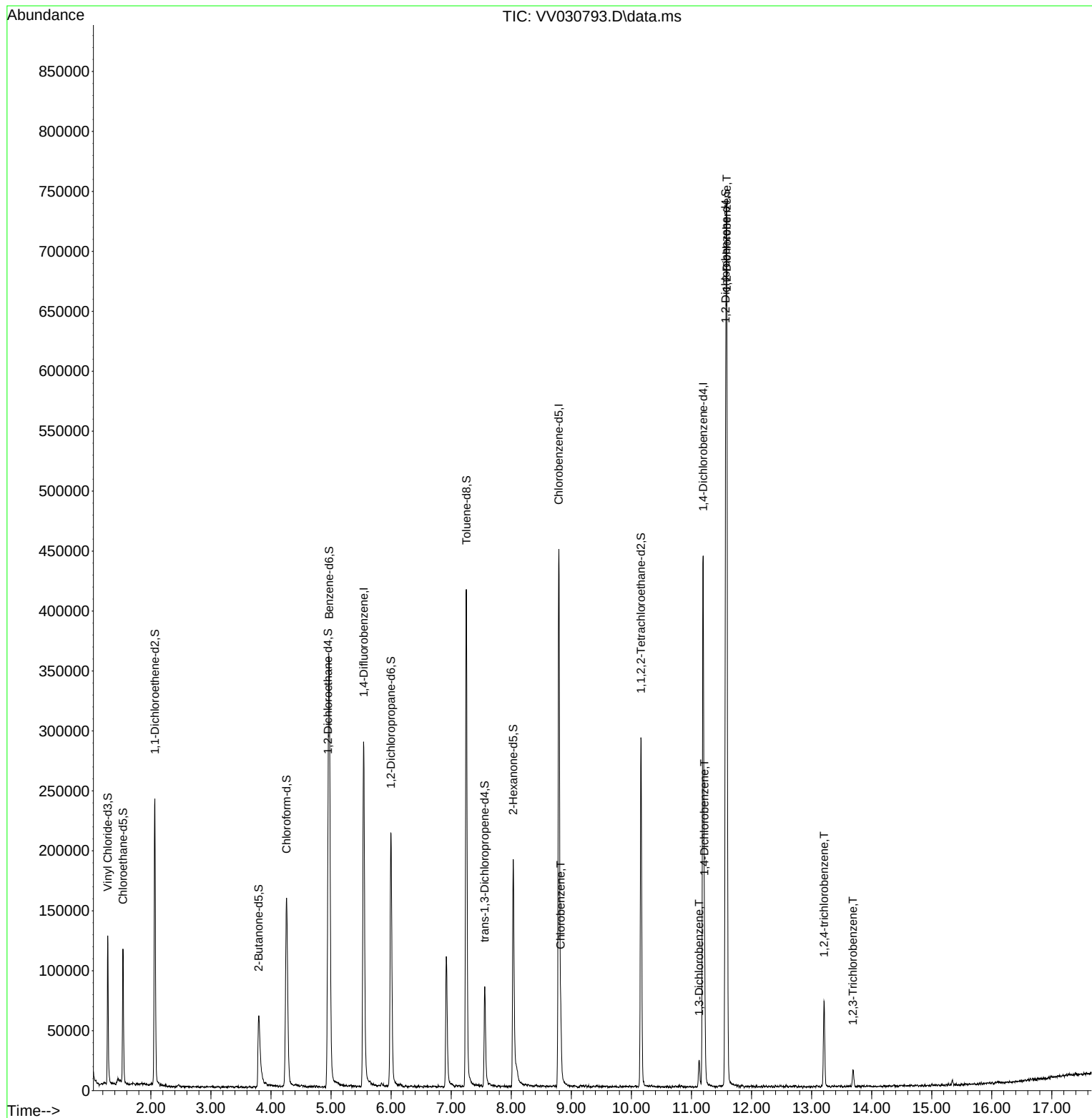
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	244204	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	235088	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	117269	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	82465	46.064	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.120%
7) Chloroethane-d5	1.536	69	67968	45.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.620%
11) 1,1-Dichloroethene-d2	2.066	65	39545	46.580	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.160%
21) 2-Butanone-d5	3.796	46	99827	101.524	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.520%
24) Chloroform-d	4.259	84	162217	50.001	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	4.950	65	114667	54.975	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.940%
32) Benzene-d6	4.970	84	303205	54.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.100%
36) 1,2-Dichloropropane-d6	5.995	67	91734	53.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.260%
41) Toluene-d8	7.252	98	271335	51.994	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.980%
43) trans-1,3-Dichloroprop...	7.558	79	45703	52.521	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.040%
47) 2-Hexanone-d5	8.034	63	63467	93.315	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.310%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	125926	50.265	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.520%
66) 1,2-Dichlorobenzene-d4	11.571	152	111113	59.612	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.220%
Target Compounds						
					Qvalue	
51) Chlorobenzene	8.822	112	26327	5.199	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	8903	2.431	ug/L	96
65) 1,4-Dichlorobenzene	11.217	146	39036	10.110	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	233912	63.324	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	20900	8.899	ug/L	94
72) 1,2,3-Trichlorobenzene	13.689	180	4313	1.852	ug/L	95

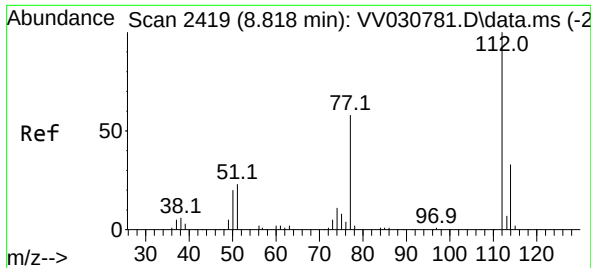
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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COMR0

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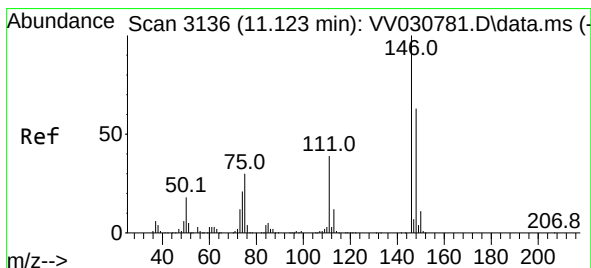
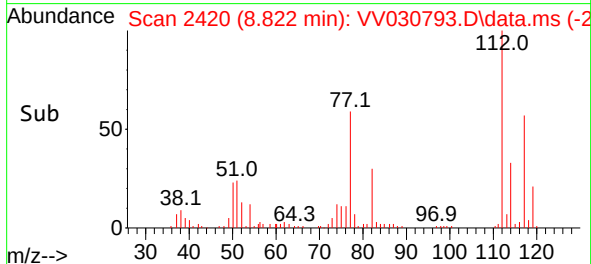
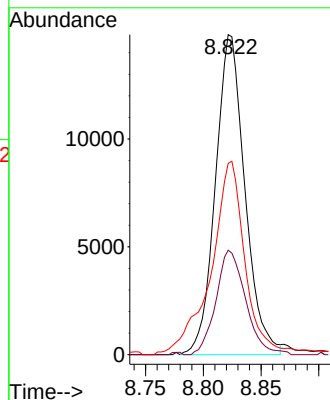
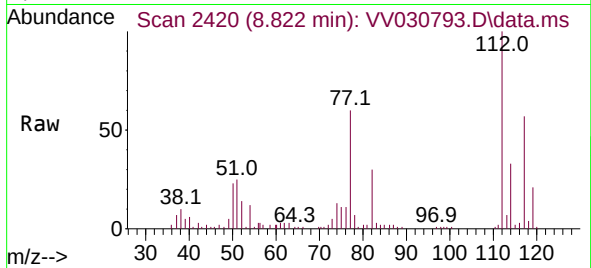




#51
Chlorobenzene
Concen: 5.199 ug/L
RT: 8.822 min Scan# 2419
Delta R.T. -0.000 min
Lab File: VV030793.D
Acq: 24 Apr 2023 15:22

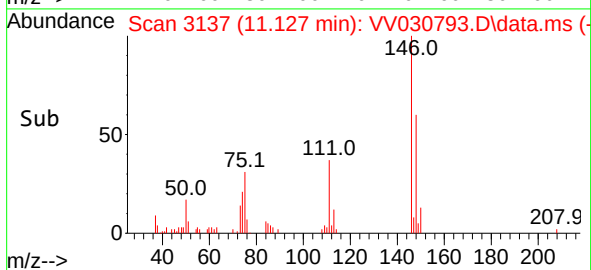
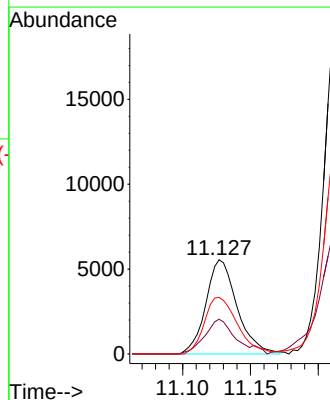
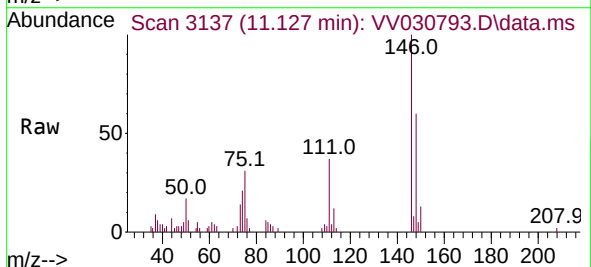
Instrument :
MSVOA_V
ClientSampleId :
COMR0

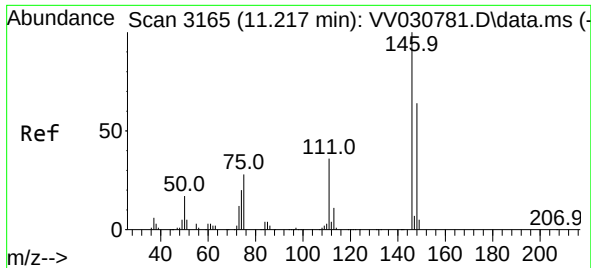
Tgt Ion:112 Resp: 26327
Ion Ratio Lower Upper
112 100
114 32.7 22.4 41.6
77 59.8 47.4 71.0



#64
1,3-Dichlorobenzene
Concen: 2.431 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030793.D
Acq: 24 Apr 2023 15:22

Tgt Ion:146 Resp: 8903
Ion Ratio Lower Upper
146 100
111 36.9 27.0 50.2
148 60.0 44.8 83.2

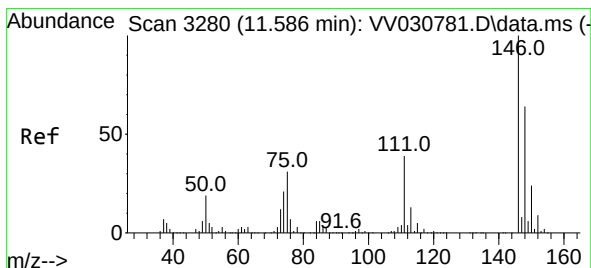
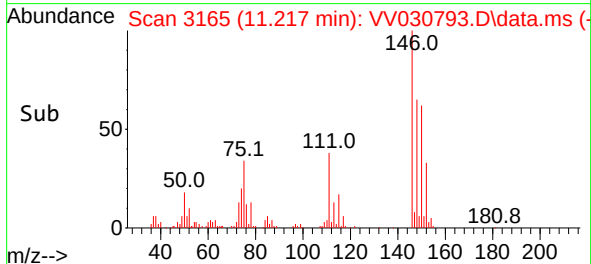
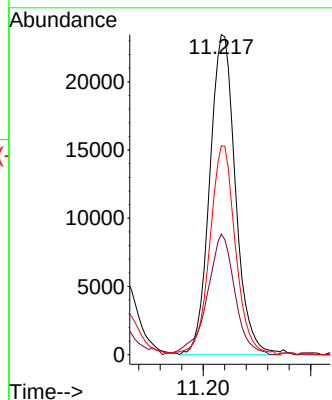
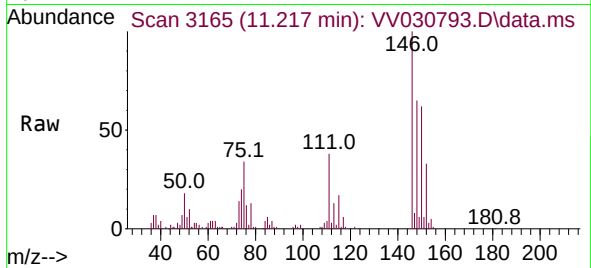




#65
1,4-Dichlorobenzene
Concen: 10.110 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030793.D
Acq: 24 Apr 2023 15:22

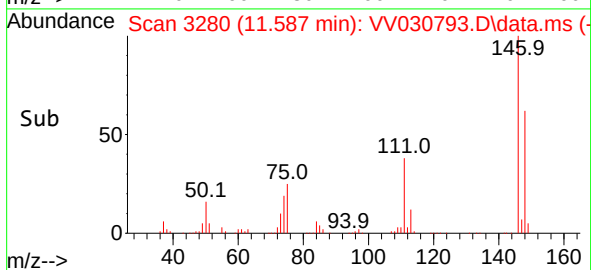
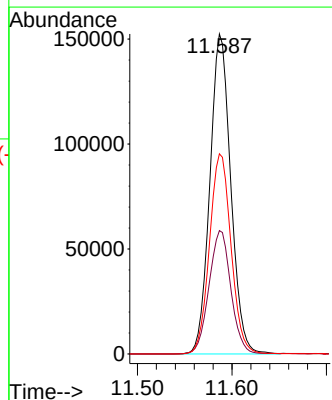
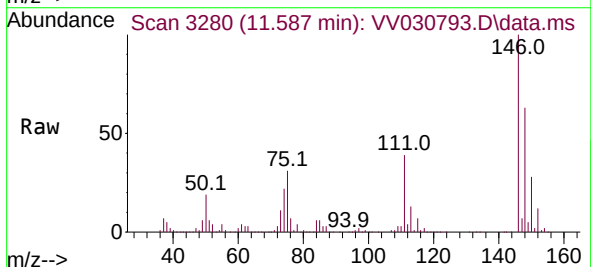
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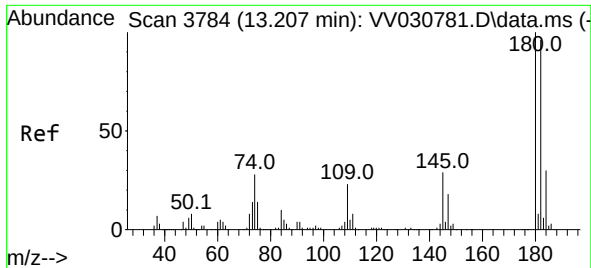
Tgt Ion:146 Resp: 39036
Ion Ratio Lower Upper
146 100
111 37.7 26.5 49.1
148 65.3 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 63.324 ug/L
RT: 11.587 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VV030793.D
Acq: 24 Apr 2023 15:22

Tgt Ion:146 Resp: 233912
Ion Ratio Lower Upper
146 100
111 38.6 32.0 48.0
148 62.5 50.6 76.0

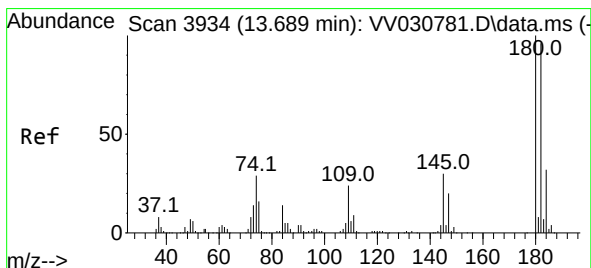
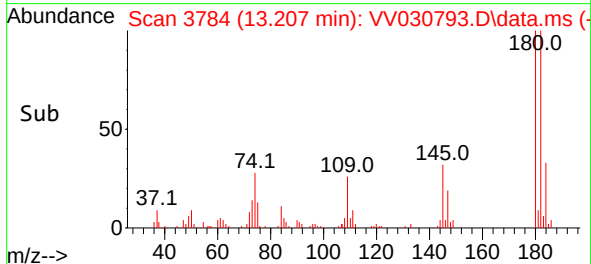
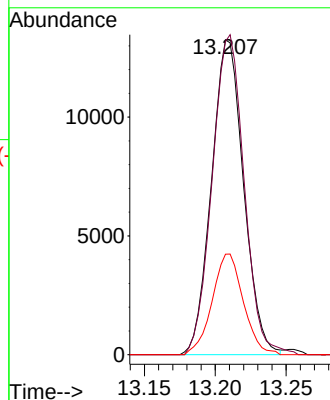
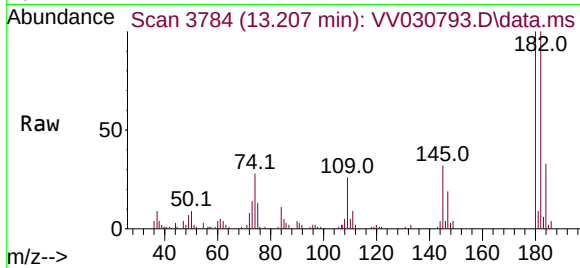




#70
1,2,4-trichlorobenzene
Concen: 8.899 ug/L
RT: 13.207 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030793.D
Acq: 24 Apr 2023 15:22

Instrument :
MSVOA_V
ClientSampleId :
COMR0

Tgt Ion:180 Resp: 20900
Ion Ratio Lower Upper
180 100
182 101.1 75.9 113.9
145 31.0 23.4 35.2



#72
1,2,3-Trichlorobenzene
Concen: 1.852 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030793.D
Acq: 24 Apr 2023 15:22

Tgt Ion:180 Resp: 4313
Ion Ratio Lower Upper
180 100
182 88.7 76.2 114.4
145 31.5 25.1 37.7

