

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070224\
 Data File : VU059740.D
 Acq On : 02 Jul 2024 15:29
 Operator : MD/SY
 Sample : P3108-01DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ST5DL

Quant Time: Jul 03 01:55:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 01:39:57 2024
 Response via : Initial Calibration

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

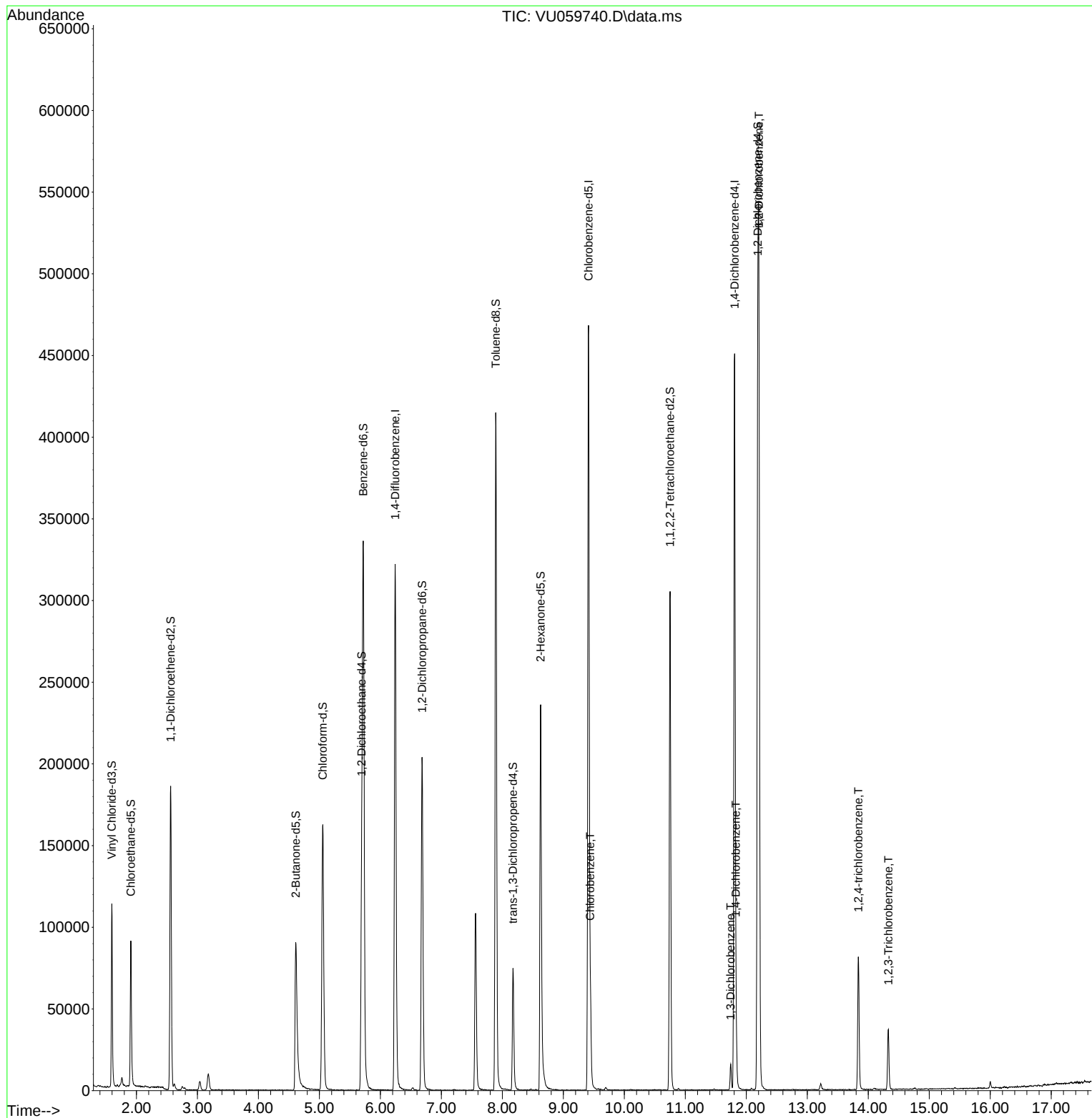
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	276848	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	276540	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	127136	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	84588	47.587	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.180%
7) Chloroethane-d5	1.908	69	71916	48.100	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.560	63	109922	34.808	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.620%
21) 2-Butanone-d5	4.612	46	123742	100.169	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.170%
24) Chloroform-d	5.055	84	156774	45.544	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.080%
26) 1,2-Dichloroethane-d4	5.692	65	98334	48.044	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.080%
32) Benzene-d6	5.718	84	326073	46.047	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.100%
36) 1,2-Dichloropropane-d6	6.682	67	104421	47.644	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.280%
41) Toluene-d8	7.891	98	291688	43.314	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.620%
43) trans-1,3-Dichloroprop...	8.174	79	45010	43.888	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.780%
47) 2-Hexanone-d5	8.624	63	86374	93.513	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.510%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	160222	47.629	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.260%
66) 1,2-Dichlorobenzene-d4	12.187	152	113887	48.748	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.500%
Target Compounds						
					Qvalue	
51) Chlorobenzene	9.441	112	32021	5.916	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	7179	1.868	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	13971	3.516	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	179959	46.350	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	28027	11.222	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	13081	5.220	ug/L	97

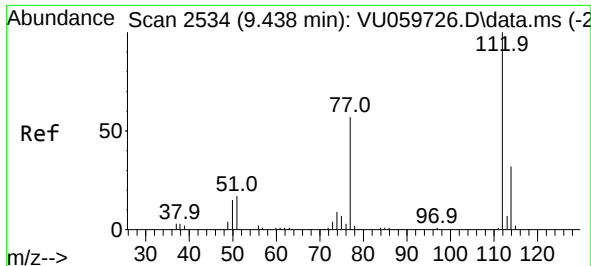
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jul 03 01:39:57 2024
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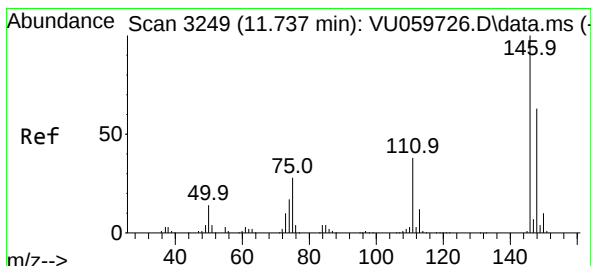
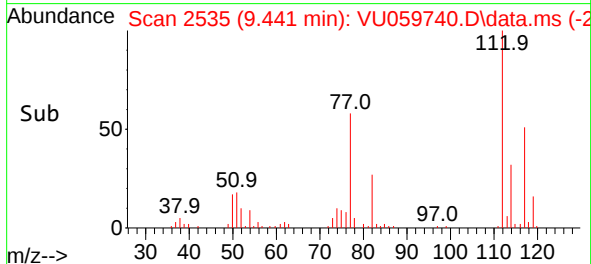
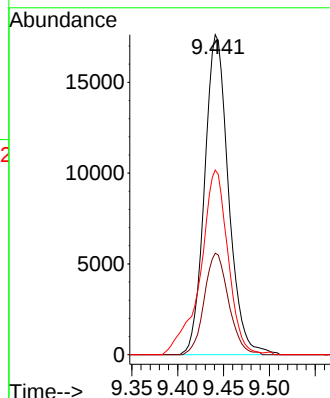
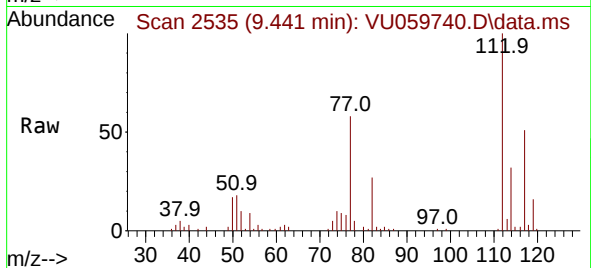




#51
Chlorobenzene
Concen: 5.916 ug/L
RT: 9.441 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059740.D
Acq: 02 Jul 2024 15:29

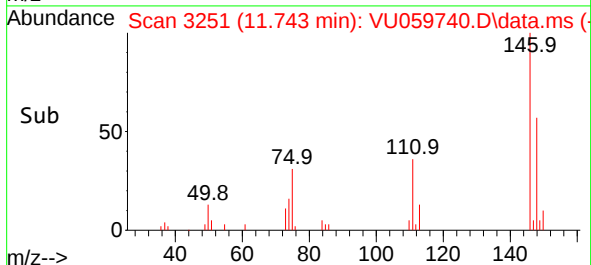
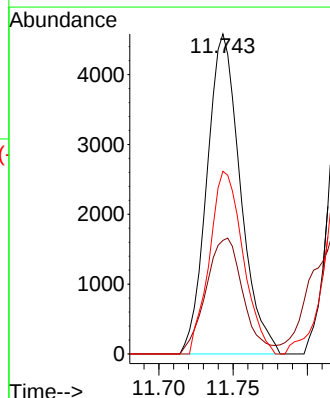
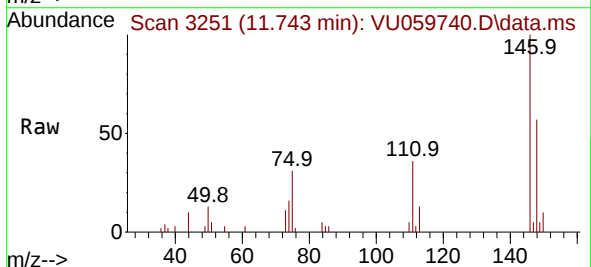
Instrument :
MSVOA_U
ClientSampleId :
C0ST5DL

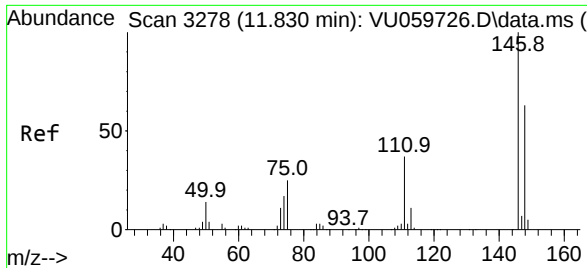
Tgt Ion:112 Resp: 32021
Ion Ratio Lower Upper
112 100
114 34.1 22.7 42.3
77 57.7 45.8 68.6



#64
1,3-Dichlorobenzene
Concen: 1.868 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU059740.D
Acq: 02 Jul 2024 15:29

Tgt Ion:146 Resp: 7179
Ion Ratio Lower Upper
146 100
111 38.3 26.5 49.1
148 62.1 43.8 81.3

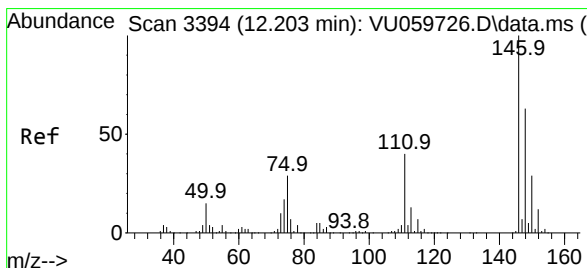
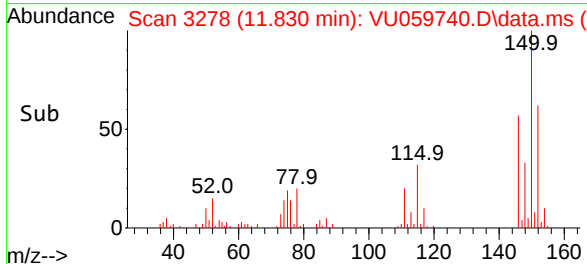
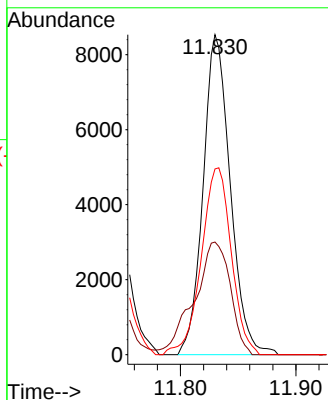
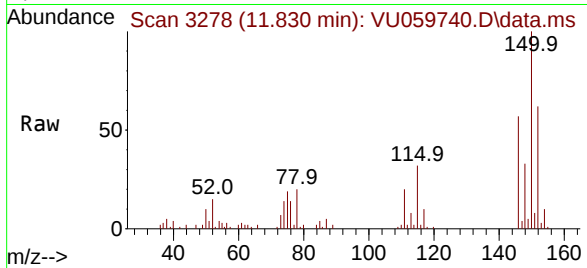




#65
1,4-Dichlorobenzene
Concen: 3.516 ug/L
RT: 11.830 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU059740.D
Acq: 02 Jul 2024 15:29

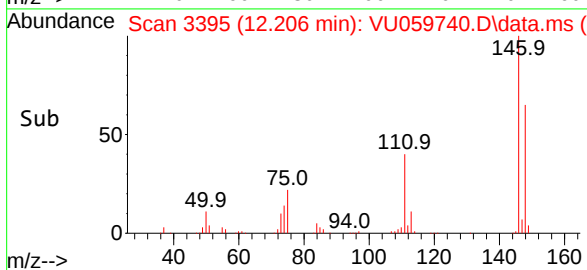
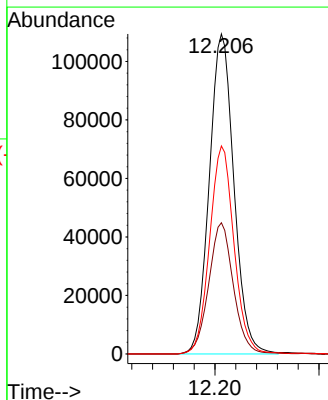
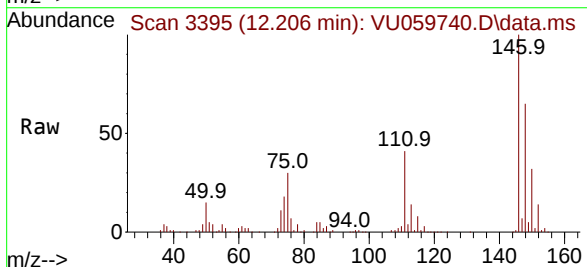
Instrument :
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C0ST5DL

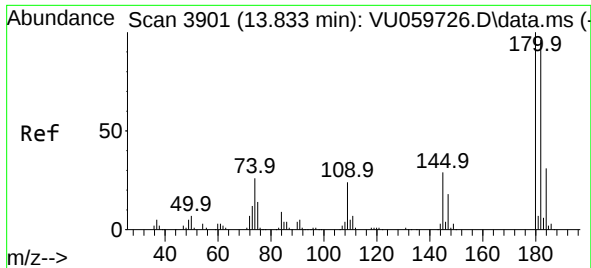
Tgt Ion:146 Resp: 13971
Ion Ratio Lower Upper
146 100
111 37.9 25.9 48.1
148 58.1 44.0 81.8



#67
1,2-Dichlorobenzene
Concen: 46.350 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU059740.D
Acq: 02 Jul 2024 15:29

Tgt Ion:146 Resp: 179959
Ion Ratio Lower Upper
146 100
111 41.0 31.7 47.5
148 65.0 50.8 76.2

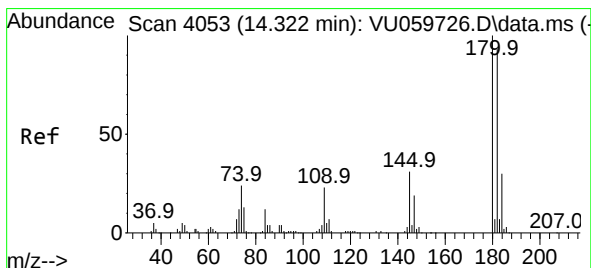
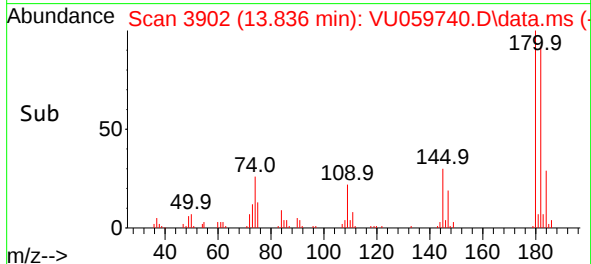
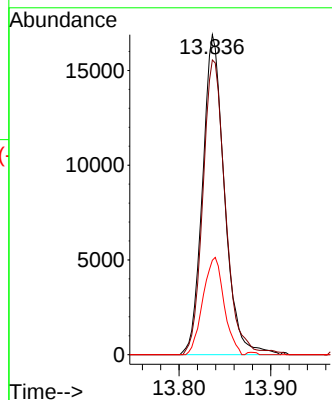
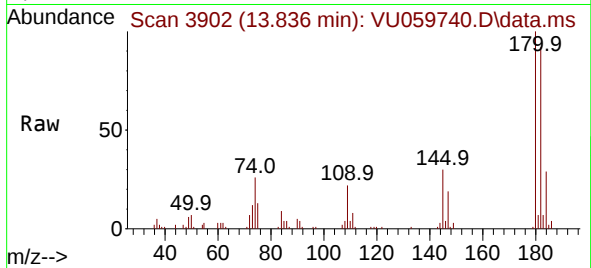




#70
1,2,4-trichlorobenzene
Concen: 11.222 ug/L
RT: 13.836 min Scan# 3901
Delta R.T. 0.003 min
Lab File: VU059740.D
Acq: 02 Jul 2024 15:29

Instrument :
MSVOA_U
ClientSampleId :
C0ST5DL

Tgt Ion:180 Resp: 28027
Ion Ratio Lower Upper
180 100
182 93.9 76.4 114.6
145 29.2 23.0 34.4



#72
1,2,3-Trichlorobenzene
Concen: 5.220 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU059740.D
Acq: 02 Jul 2024 15:29

Tgt Ion:180 Resp: 13081
Ion Ratio Lower Upper
180 100
182 98.4 75.8 113.8
145 29.7 24.5 36.7

