

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
 Data File : VU052893.D
 Acq On : 31 Jan 2023 20:48
 Operator : JC/MD
 Sample : VIBLK108
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK108

Quant Time: Feb 01 01:00:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 00:53:48 2023
 Response via : Initial Calibration

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

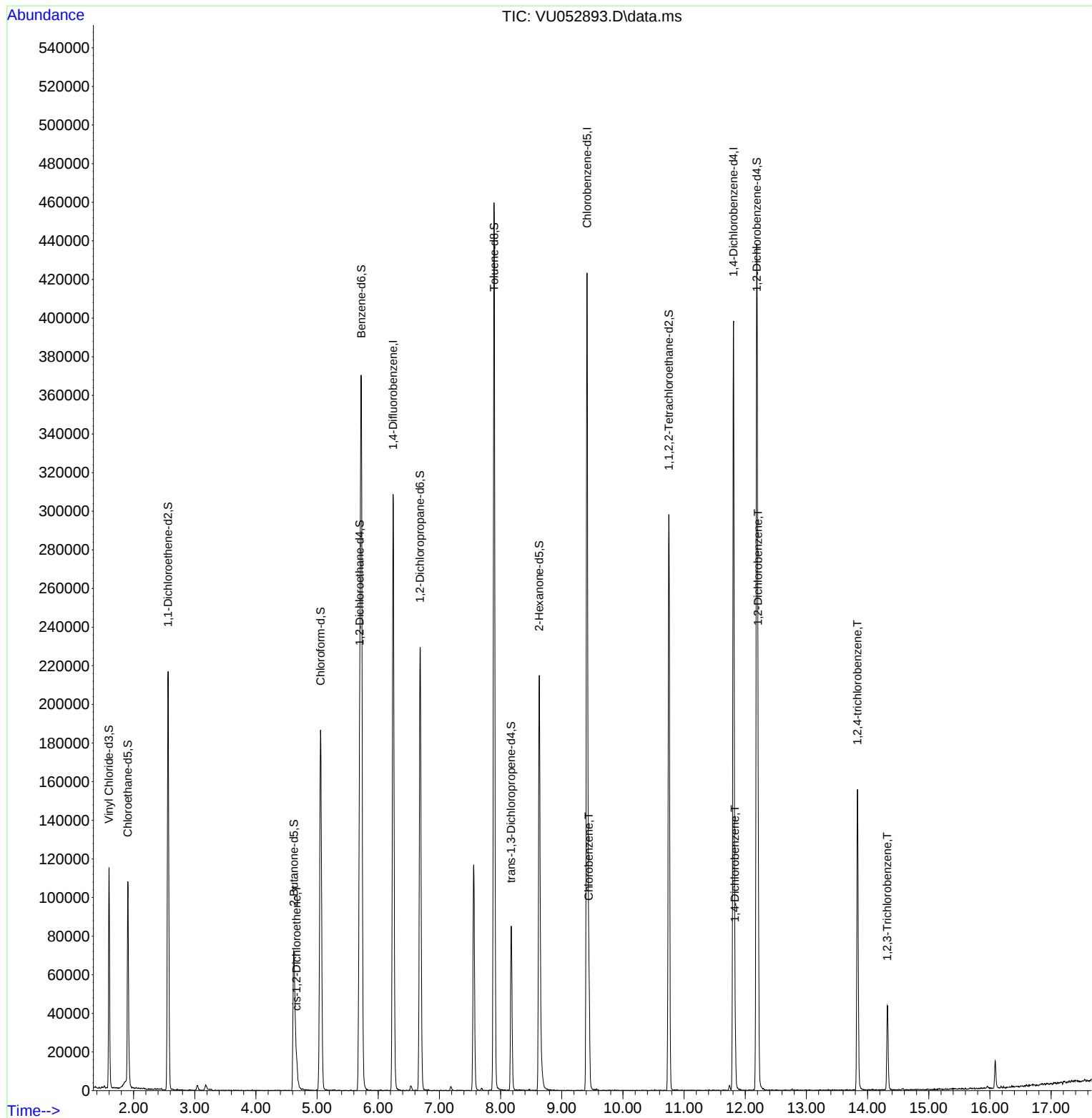
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	253149	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	238269	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	108884	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	87362	47.947	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.900%
7) Chloroethane-d5	1.906	69	77880	51.874	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.740%
11) 1,1-Dichloroethene-d2	2.565	63	127884	35.288	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.580%
21) 2-Butanone-d5	4.620	46	106506	94.623	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.620%
24) Chloroform-d	5.057	84	178742	45.966	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.940%
26) 1,2-Dichloroethane-d4	5.697	65	120627	48.583	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.160%
32) Benzene-d6	5.722	84	350520	48.152	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.300%
36) 1,2-Dichloropropane-d6	6.684	67	106383	49.829	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.660%
41) Toluene-d8	7.893	98	301713	45.517	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.040%
43) trans-1,3-Dichloroprop...	8.173	79	49475	46.235	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.480%
47) 2-Hexanone-d5	8.632	63	69399	92.512	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.510%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	142092	45.046	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.100%
66) 1,2-Dichlorobenzene-d4	12.188	152	110133	52.091	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.180%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.665	96	4638	2.146	ug/L	81
51) Chlorobenzene	9.443	112	36365	6.359	ug/L	95
65) 1,4-Dichlorobenzene	11.832	146	14734	4.011	ug/L	95
67) 1,2-Dichlorobenzene	12.208	146	59082	16.463	ug/L	97
70) 1,2,4-trichlorobenzene	13.835	180	50523	22.943	ug/L	97
72) 1,2,3-Trichlorobenzene	14.323	180	13999	6.015	ug/L	95

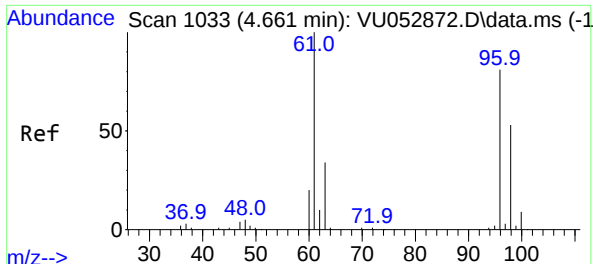
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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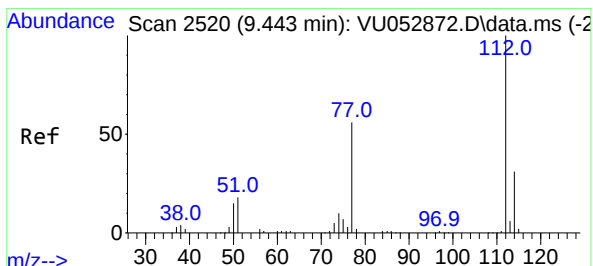
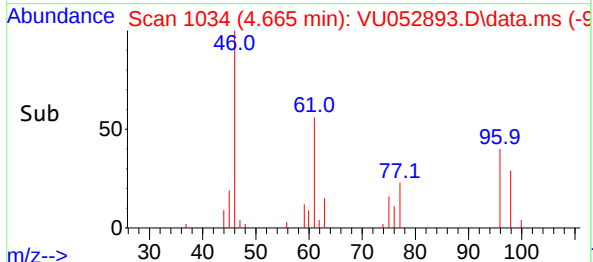
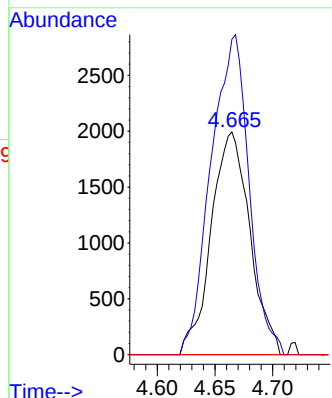
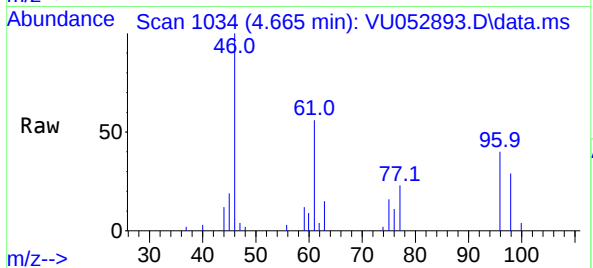




#20
 cis-1,2-Dichloroethene
 Concen: 2.146 ug/L
 RT: 4.665 min Scan# 1033
 Delta R.T. 0.003 min
 Lab File: VU052893.D
 Acq: 31 Jan 2023 20:48

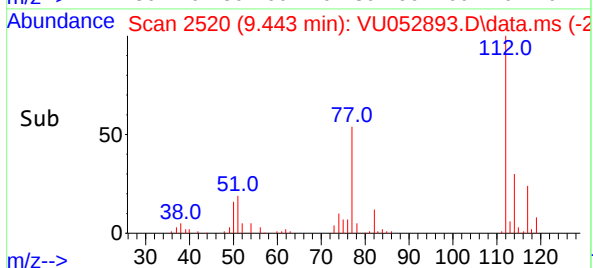
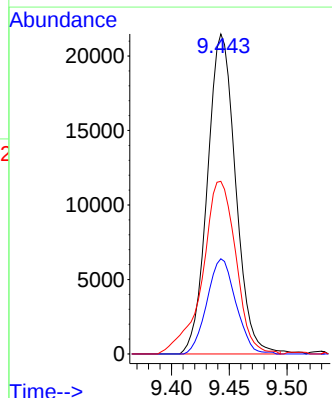
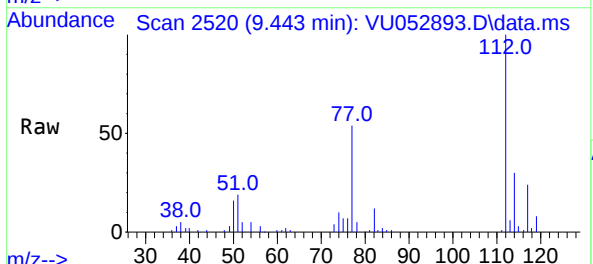
Instrument :
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 VIBLK108

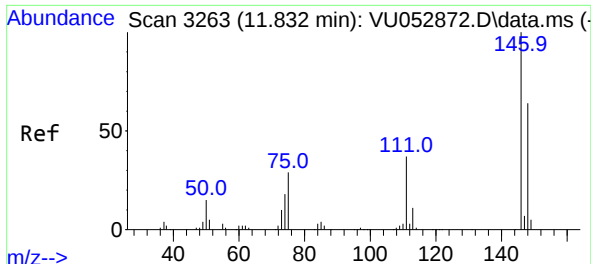
Tgt Ion: 96 Resp: 4638
 Ion Ratio Lower Upper
 96 100
 61 141.6 84.1 156.1
 68 0.0 0.0 0.0



#51
 Chlorobenzene
 Concen: 6.359 ug/L
 RT: 9.443 min Scan# 2520
 Delta R.T. 0.000 min
 Lab File: VU052893.D
 Acq: 31 Jan 2023 20:48

Tgt Ion: 112 Resp: 36365
 Ion Ratio Lower Upper
 112 100
 114 29.8 22.8 42.4
 77 54.0 45.9 68.9

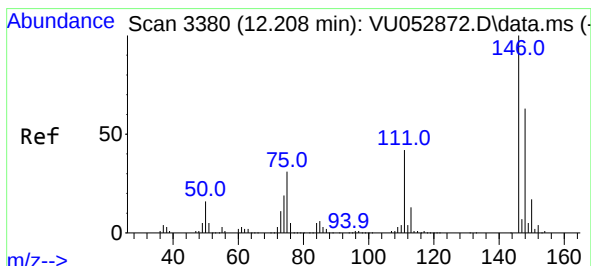
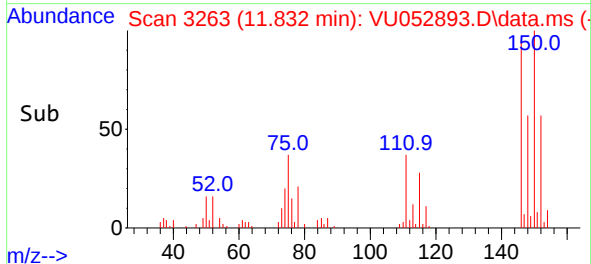
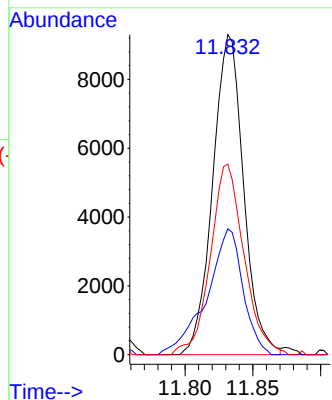
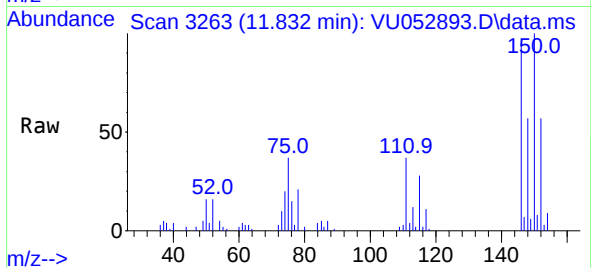




#65
1,4-Dichlorobenzene
Concen: 4.011 ug/L
RT: 11.832 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU052893.D
Acq: 31 Jan 2023 20:48

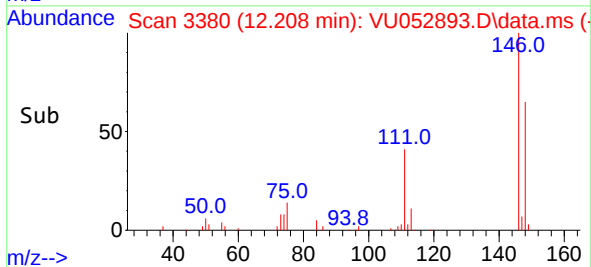
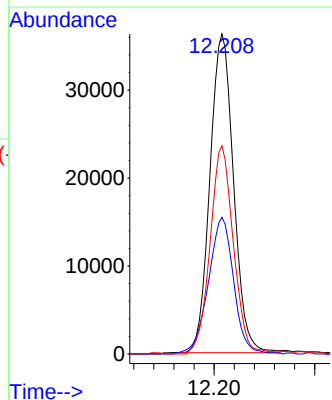
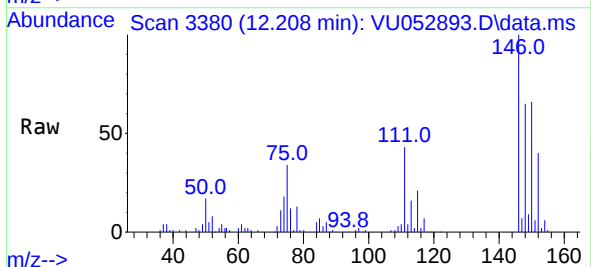
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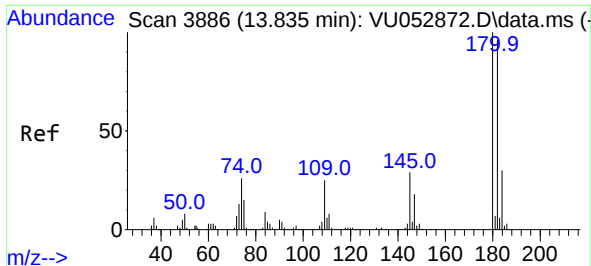
Tgt Ion:146 Resp: 14734
Ion Ratio Lower Upper
146 100
111 39.3 26.7 49.7
148 59.6 45.6 84.6



#67
1,2-Dichlorobenzene
Concen: 16.463 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU052893.D
Acq: 31 Jan 2023 20:48

Tgt Ion:146 Resp: 59082
Ion Ratio Lower Upper
146 100
111 42.7 33.2 49.8
148 65.0 50.2 75.4

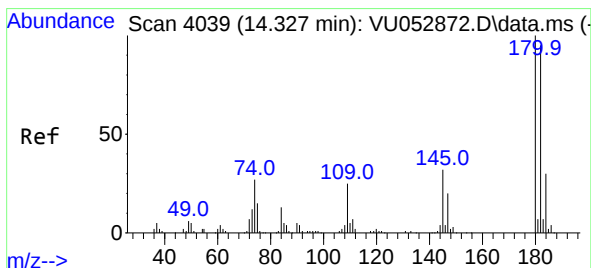
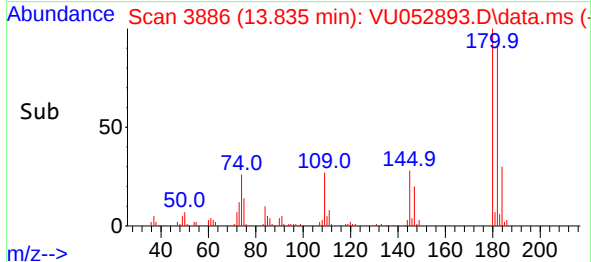
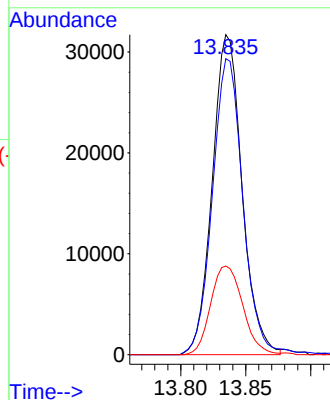
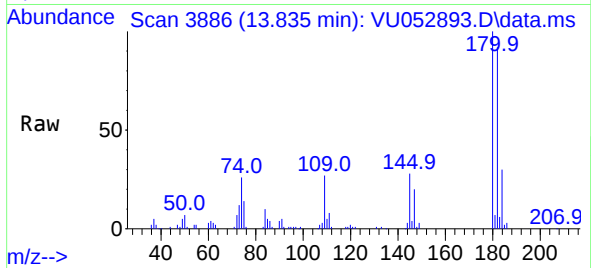




#70
1,2,4-trichlorobenzene
Concen: 22.943 ug/L
RT: 13.835 min Scan# 3886
Delta R.T. 0.000 min
Lab File: VU052893.D
Acq: 31 Jan 2023 20:48

Instrument :
MSVOA_U
ClientSampleId :
VIBLK108

Tgt Ion:180 Resp: 50523
Ion Ratio Lower Upper
180 100
182 94.6 78.2 117.2
145 29.8 23.4 35.2



#72
1,2,3-Trichlorobenzene
Concen: 6.015 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. -0.003 min
Lab File: VU052893.D
Acq: 31 Jan 2023 20:48

Tgt Ion:180 Resp: 13999
Ion Ratio Lower Upper
180 100
182 101.7 77.5 116.3
145 33.0 24.2 36.4

