

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035207.D
 Acq On : 20 Apr 2023 11:29
 Operator : JC/MD
 Sample : 02397-16DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM8DL

Quant Time: Apr 20 23:28:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 23:27:37 2023
 Response via : Initial Calibration

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

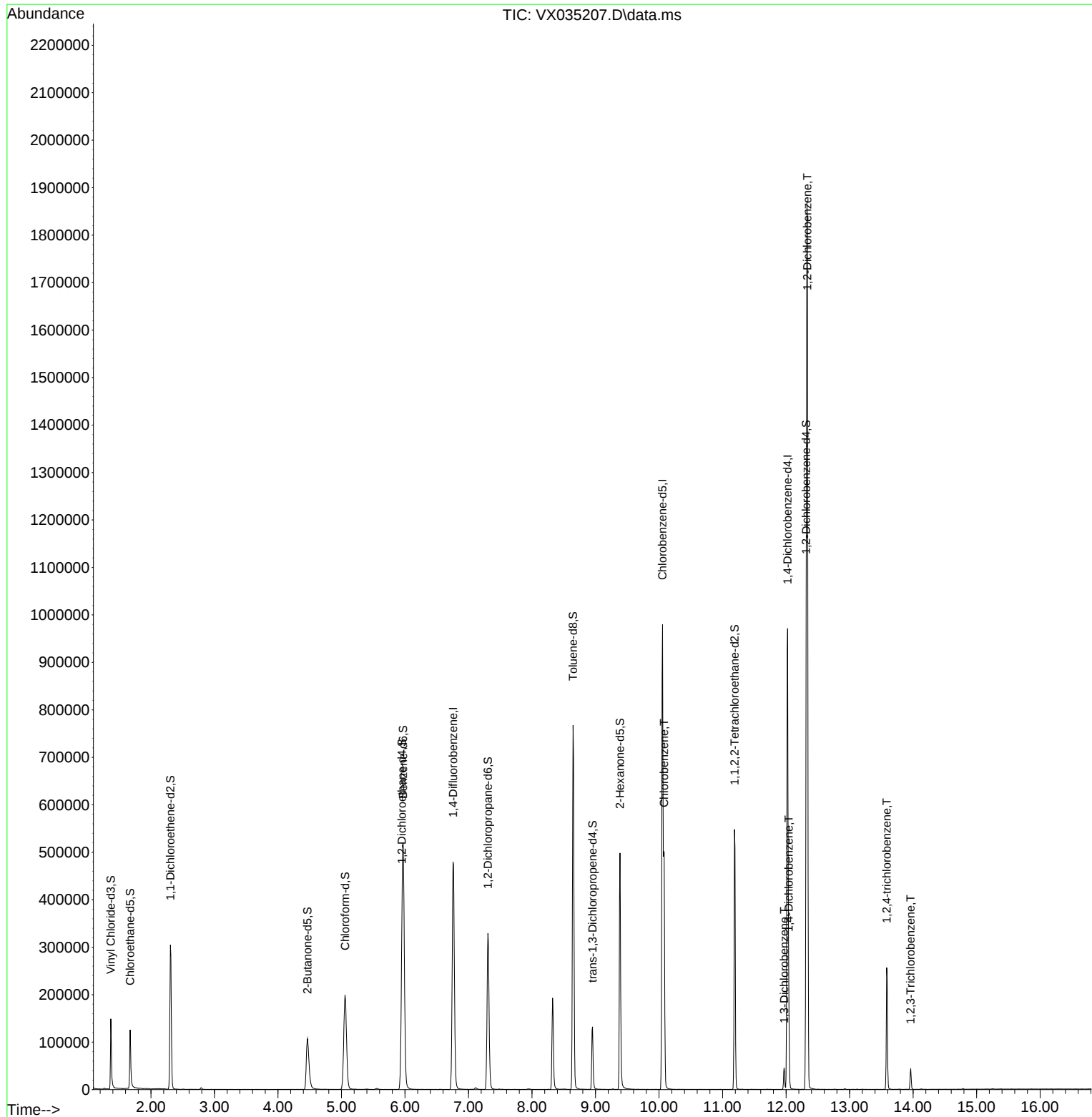
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	505476	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	434253	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	204767	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	104149	31.954	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	63.900%	
7) Chloroethane-d5	1.672	69	85844	36.450	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	72.900%	
11) 1,1-Dichloroethene-d2	2.306	65	54209	34.760	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	69.520%	
21) 2-Butanone-d5	4.464	46	203248	93.577	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	93.580%	
24) Chloroform-d	5.056	84	254730	41.501	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.000%	
26) 1,2-Dichloroethane-d4	5.952	65	173752	44.082	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.160%	
32) Benzene-d6	5.970	84	526798	42.230	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.460%	
36) 1,2-Dichloropropane-d6	7.305	67	170137	44.650	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	89.300%	
41) Toluene-d8	8.647	98	457875	40.162	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	80.320%	
43) trans-1,3-Dichloroprop...	8.951	79	64246	38.580	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	77.160%	
47) 2-Hexanone-d5	9.384	63	143151	93.551	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	93.550%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	213998	45.857	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	91.720%	
66) 1,2-Dichlorobenzene-d4	12.317	152	177150	44.643	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.280%	
Target Compounds						
					Qvalue	
51) Chlorobenzene	10.079	112	212702	23.663	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	15358	2.418	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	65600	10.095	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	532818	82.750	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	62607	17.031	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	10164	2.801	ug/L	94

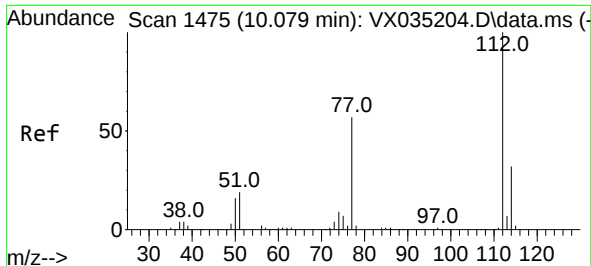
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 20 23:27:37 2023
Response via : Initial Calibration

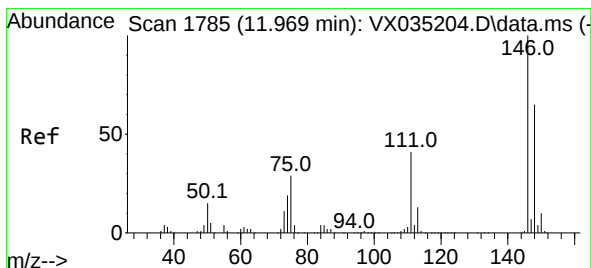
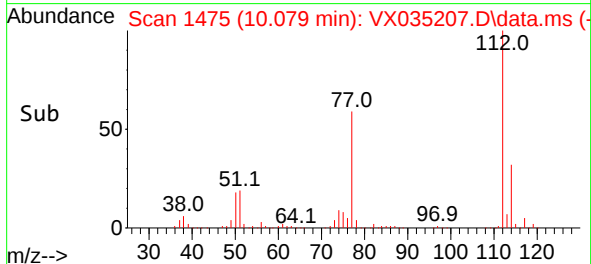
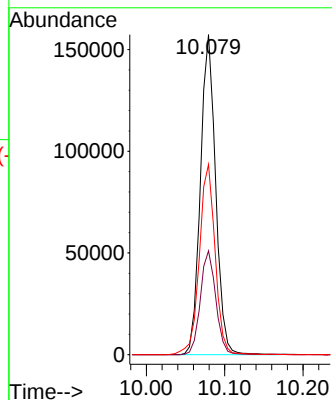
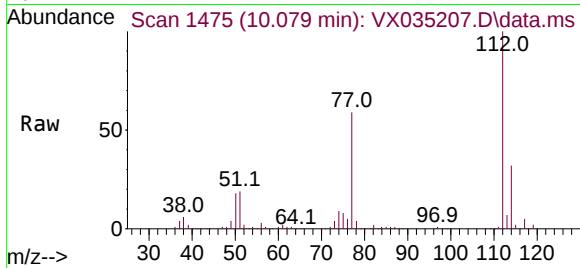




#51
Chlorobenzene
Concen: 23.663 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035207.D
Acq: 20 Apr 2023 11:29

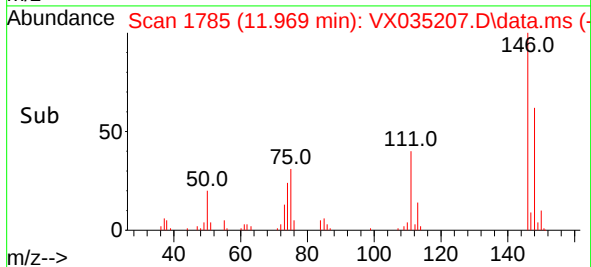
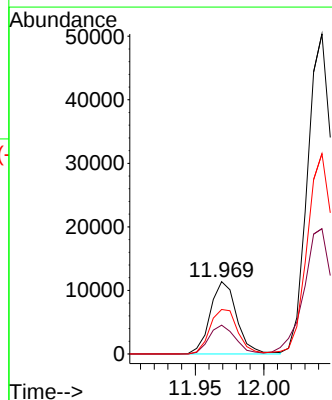
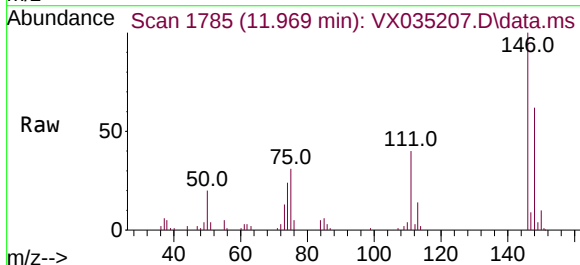
Instrument :
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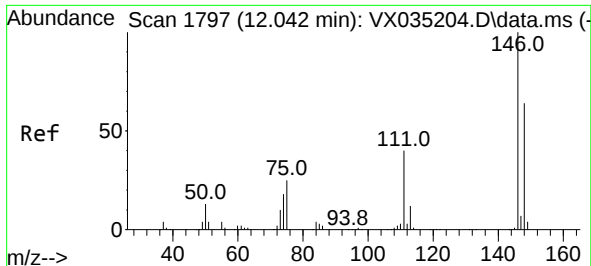
Tgt Ion:112 Resp: 212702
Ion Ratio Lower Upper
112 100
114 32.4 22.4 41.6
77 59.4 47.0 70.6



#64
1,3-Dichlorobenzene
Concen: 2.418 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035207.D
Acq: 20 Apr 2023 11:29

Tgt Ion:146 Resp: 15358
Ion Ratio Lower Upper
146 100
111 39.9 28.9 53.7
148 61.6 44.3 82.3

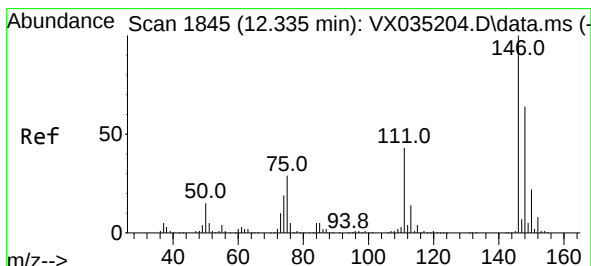
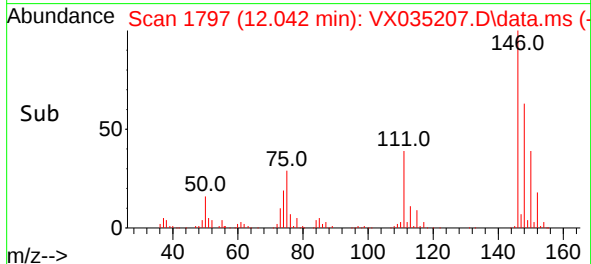
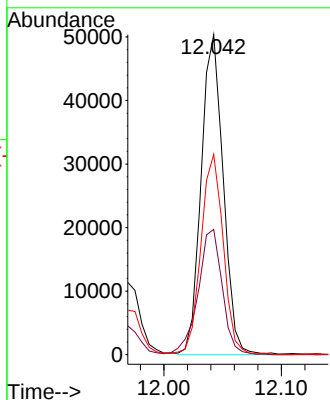
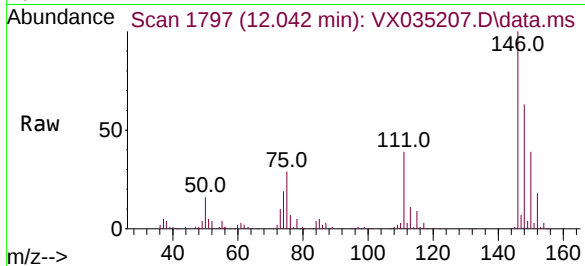




#65
1,4-Dichlorobenzene
Concen: 10.095 ug/L
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035207.D
Acq: 20 Apr 2023 11:29

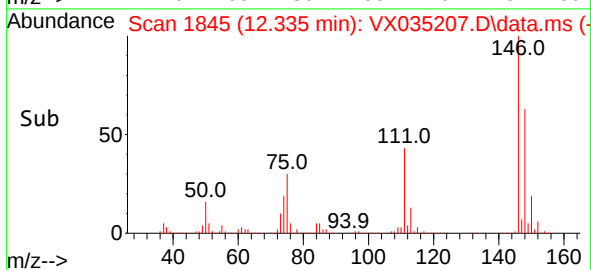
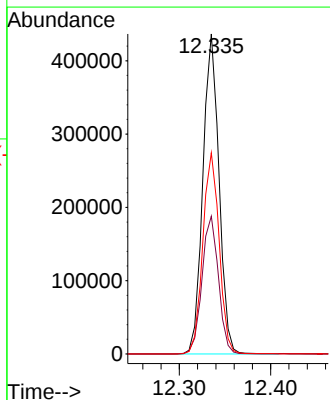
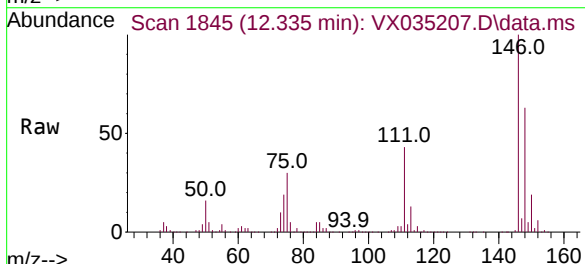
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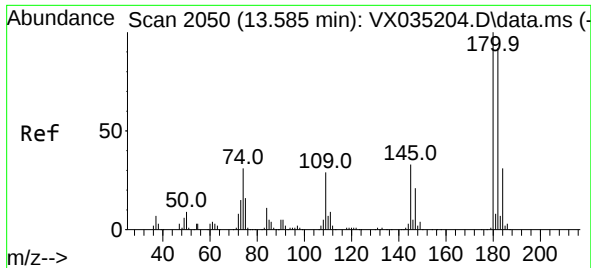
Tgt Ion:146 Resp: 65600
Ion Ratio Lower Upper
146 100
111 39.2 27.9 51.7
148 62.6 45.9 85.3



#67
1,2-Dichlorobenzene
Concen: 82.750 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035207.D
Acq: 20 Apr 2023 11:29

Tgt Ion:146 Resp: 532818
Ion Ratio Lower Upper
146 100
111 43.1 34.7 52.1
148 62.8 52.1 78.1

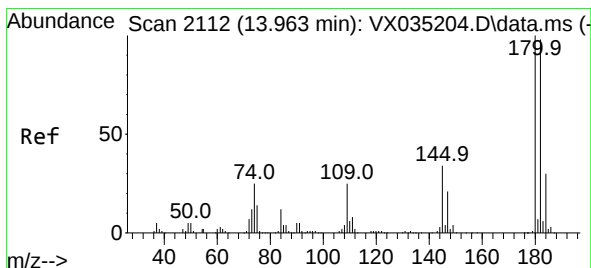
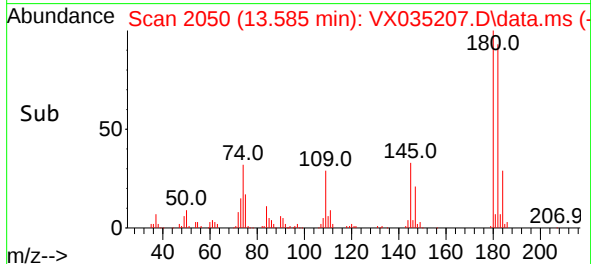
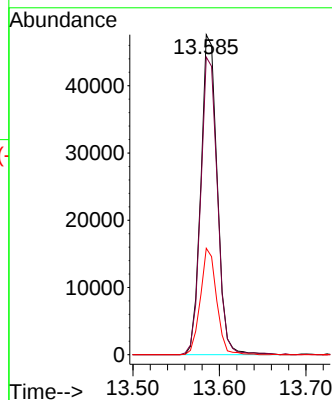
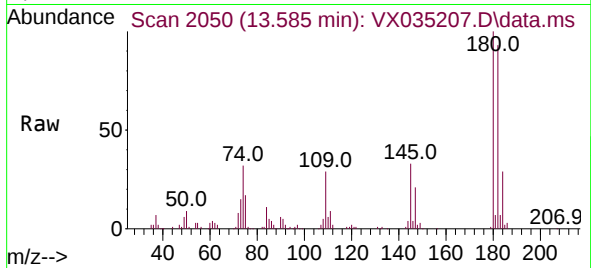




#70
1,2,4-trichlorobenzene
Concen: 17.031 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035207.D
Acq: 20 Apr 2023 11:29

Instrument :
MSVOA_X
ClientSampleId :
COMM8DL

Tgt Ion:180 Resp: 62607
Ion Ratio Lower Upper
180 100
182 94.6 76.6 114.8
145 32.4 26.2 39.4



#72
1,2,3-Trichlorobenzene
Concen: 2.801 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035207.D
Acq: 20 Apr 2023 11:29

Tgt Ion:180 Resp: 10164
Ion Ratio Lower Upper
180 100
182 99.2 75.0 112.6
145 37.0 27.1 40.7

