

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042322\
 Data File : VU048243.D
 Acq On : 23 Apr 2022 14:03
 Operator : SY/MD
 Sample : N2486-19 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J61

Quant Time: Apr 25 01:25:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 25 01:24:32 2022
 Response via : Initial Calibration

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

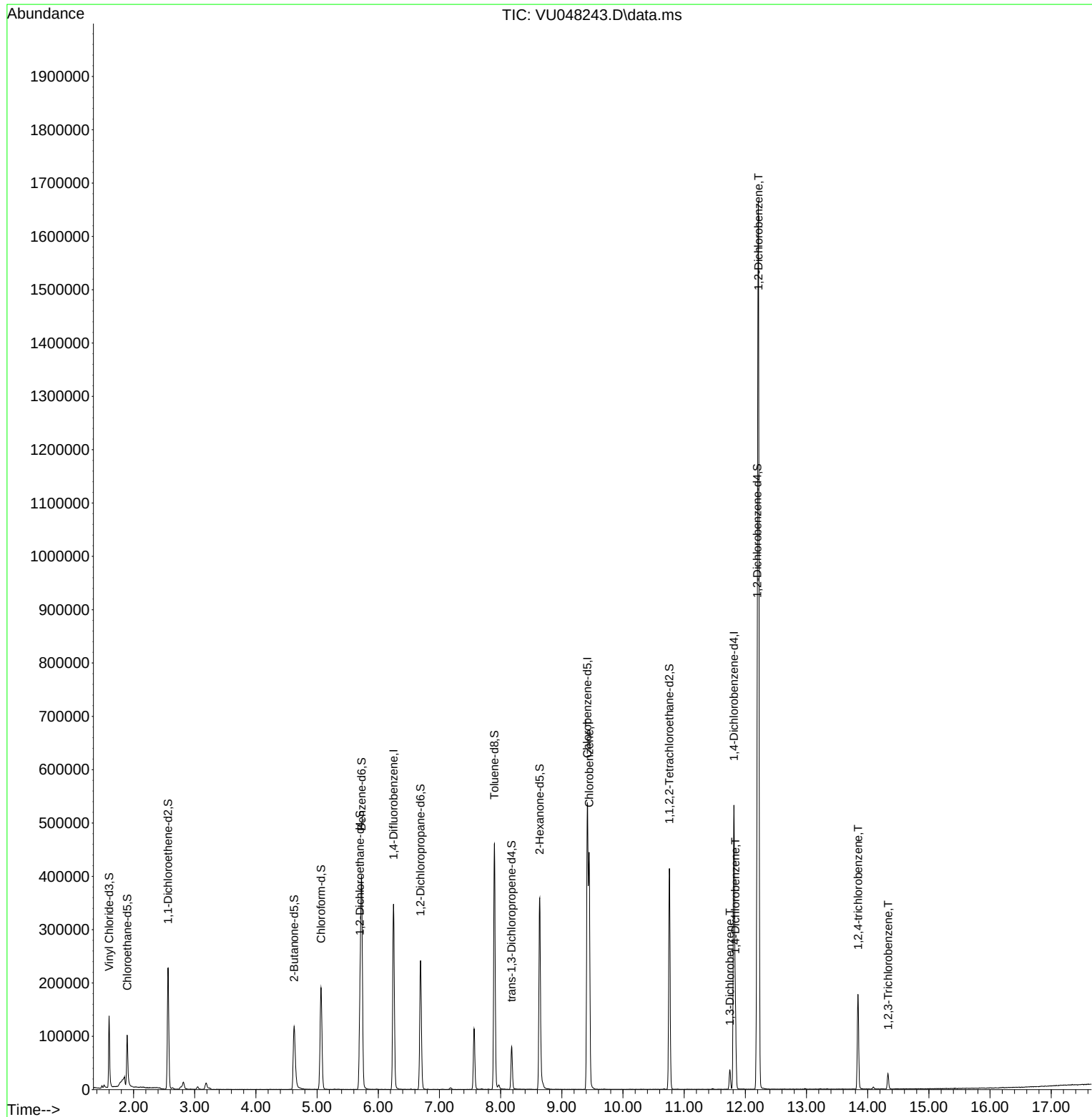
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	297577	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	311168	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	149106	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	107207	49.681	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.360%
7) Chloroethane-d5	1.897	69	82398	48.426	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.860%
11) 1,1-Dichloroethene-d2	2.562	63	132639	33.596	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.200%
21) 2-Butanone-d5	4.623	46	177611	95.892	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.890%
24) Chloroform-d	5.064	84	182693	46.270	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.540%
26) 1,2-Dichloroethane-d4	5.700	65	114138	47.132	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.260%
32) Benzene-d6	5.726	84	380533	48.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.691	67	119151	49.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.100%
41) Toluene-d8	7.896	98	312853	41.011	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.020%
43) trans-1,3-Dichloroprop...	8.179	79	44968	36.913	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.820%
47) 2-Hexanone-d5	8.636	63	121979	86.653	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.650%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	206064	49.934	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.860%
66) 1,2-Dichlorobenzene-d4	12.195	152	136753	51.552	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.100%
Target Compounds						
					Qvalue	
51) Chlorobenzene	9.446	112	240717	35.873	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	16124	3.600	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	60207	12.977	ug/L	98
67) 1,2-Dichlorobenzene	12.215	146	665948	148.593	ug/L	100
70) 1,2,4-trichlorobenzene	13.842	180	60106	18.864	ug/L	98
72) 1,2,3-Trichlorobenzene	14.334	180	10290	3.222	ug/L	99

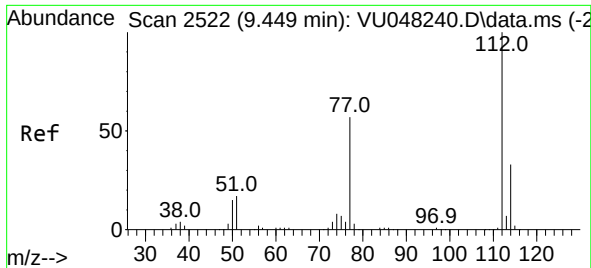
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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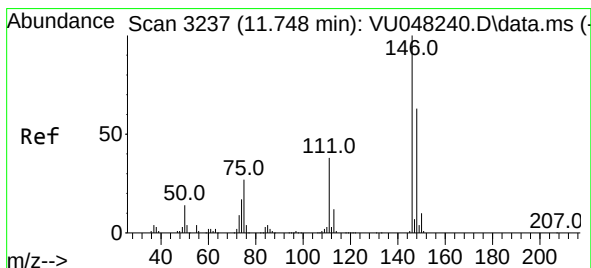
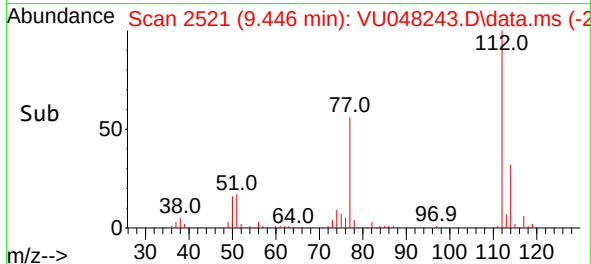
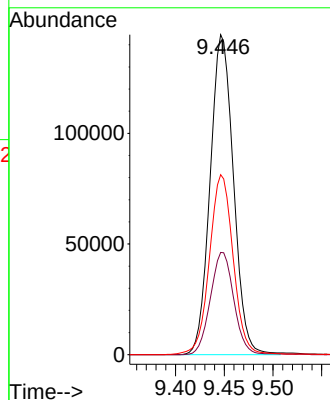
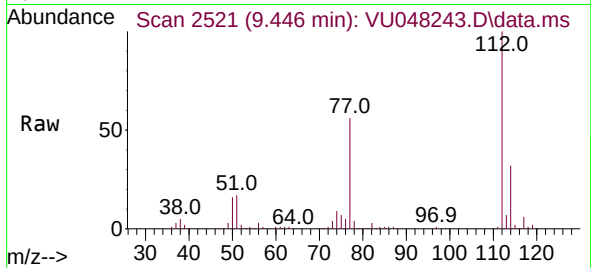




#51
Chlorobenzene
Concen: 35.873 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048243.D
Acq: 23 Apr 2022 14:03

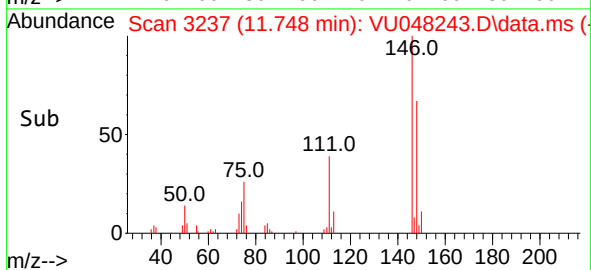
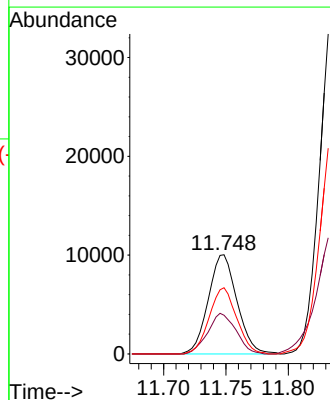
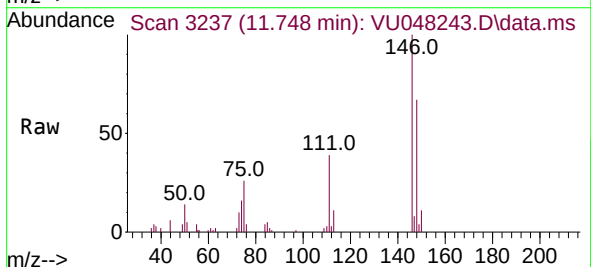
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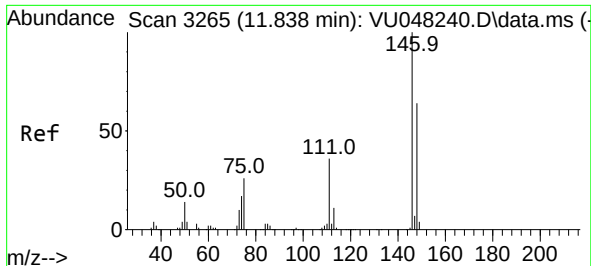
Tgt Ion:112 Resp: 240717
Ion Ratio Lower Upper
112 100
114 32.0 22.1 41.1
77 56.3 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 3.600 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU048243.D
Acq: 23 Apr 2022 14:03

Tgt Ion:146 Resp: 16124
Ion Ratio Lower Upper
146 100
111 39.1 26.7 49.7
148 66.8 44.4 82.5

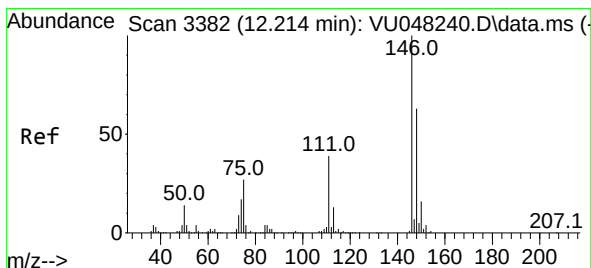
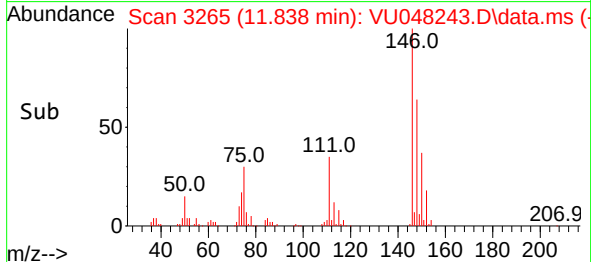
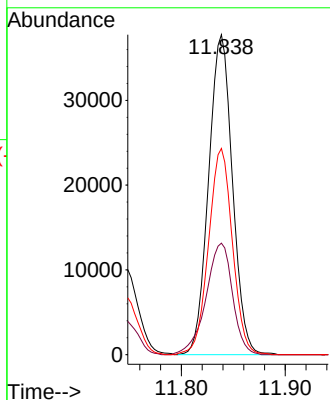
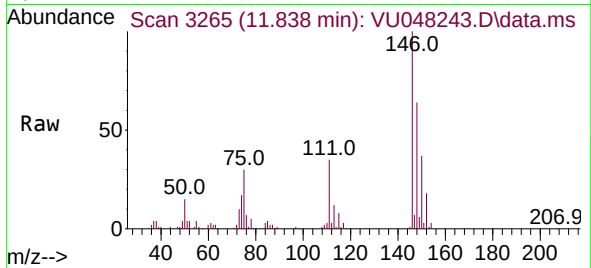




#65
1,4-Dichlorobenzene
Concen: 12.977 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048243.D
Acq: 23 Apr 2022 14:03

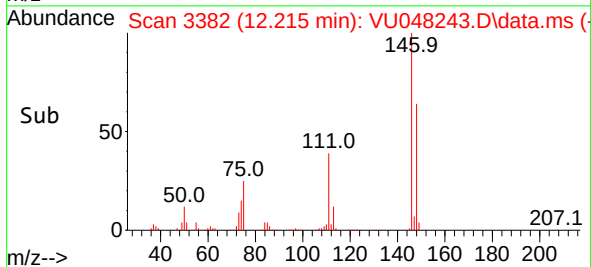
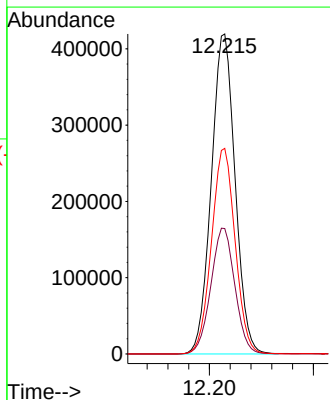
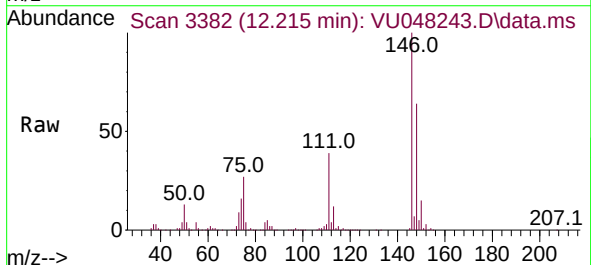
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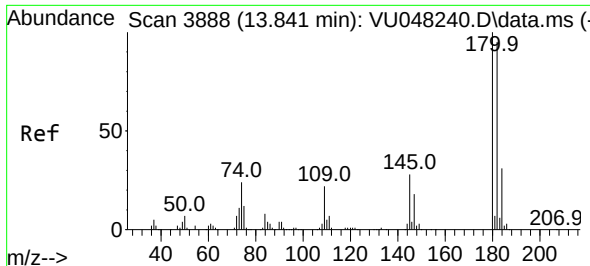
Tgt Ion:146 Resp: 60207
Ion Ratio Lower Upper
146 100
111 34.8 25.3 47.1
148 64.4 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 148.593 ug/L
RT: 12.215 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048243.D
Acq: 23 Apr 2022 14:03

Tgt Ion:146 Resp: 665948
Ion Ratio Lower Upper
146 100
111 39.2 31.7 47.5
148 64.2 51.4 77.2

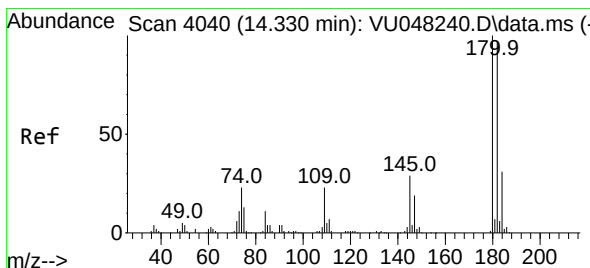
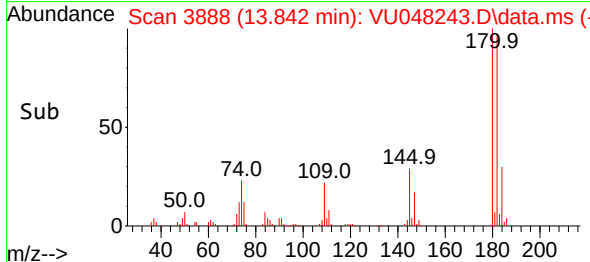
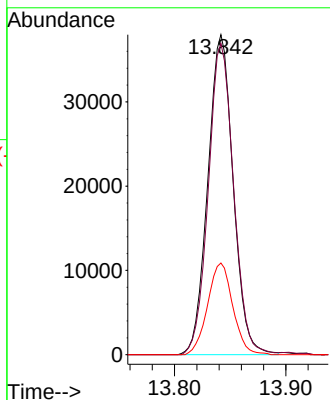
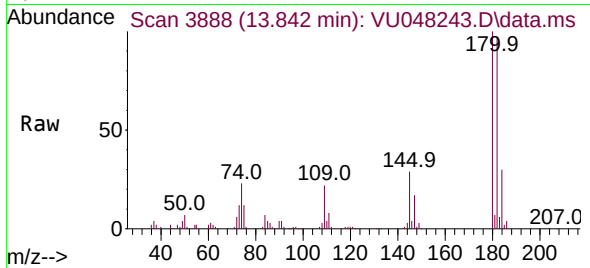




#70
1,2,4-trichlorobenzene
Concen: 18.864 ug/L
RT: 13.842 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU048243.D
Acq: 23 Apr 2022 14:03

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:180 Resp: 60106
Ion Ratio Lower Upper
180 100
182 96.7 76.2 114.2
145 28.4 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 3.222 ug/L
RT: 14.334 min Scan# 4041
Delta R.T. 0.004 min
Lab File: VU048243.D
Acq: 23 Apr 2022 14:03

Tgt Ion:180 Resp: 10290
Ion Ratio Lower Upper
180 100
182 96.0 77.4 116.0
145 29.7 22.8 34.2

