

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020223\
 Data File : VU052923.D
 Acq On : 02 Feb 2023 14:14
 Operator : JC/MD
 Sample : 01394-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 03 00:25:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 03 00:24:34 2023
 Response via : Initial Calibration

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

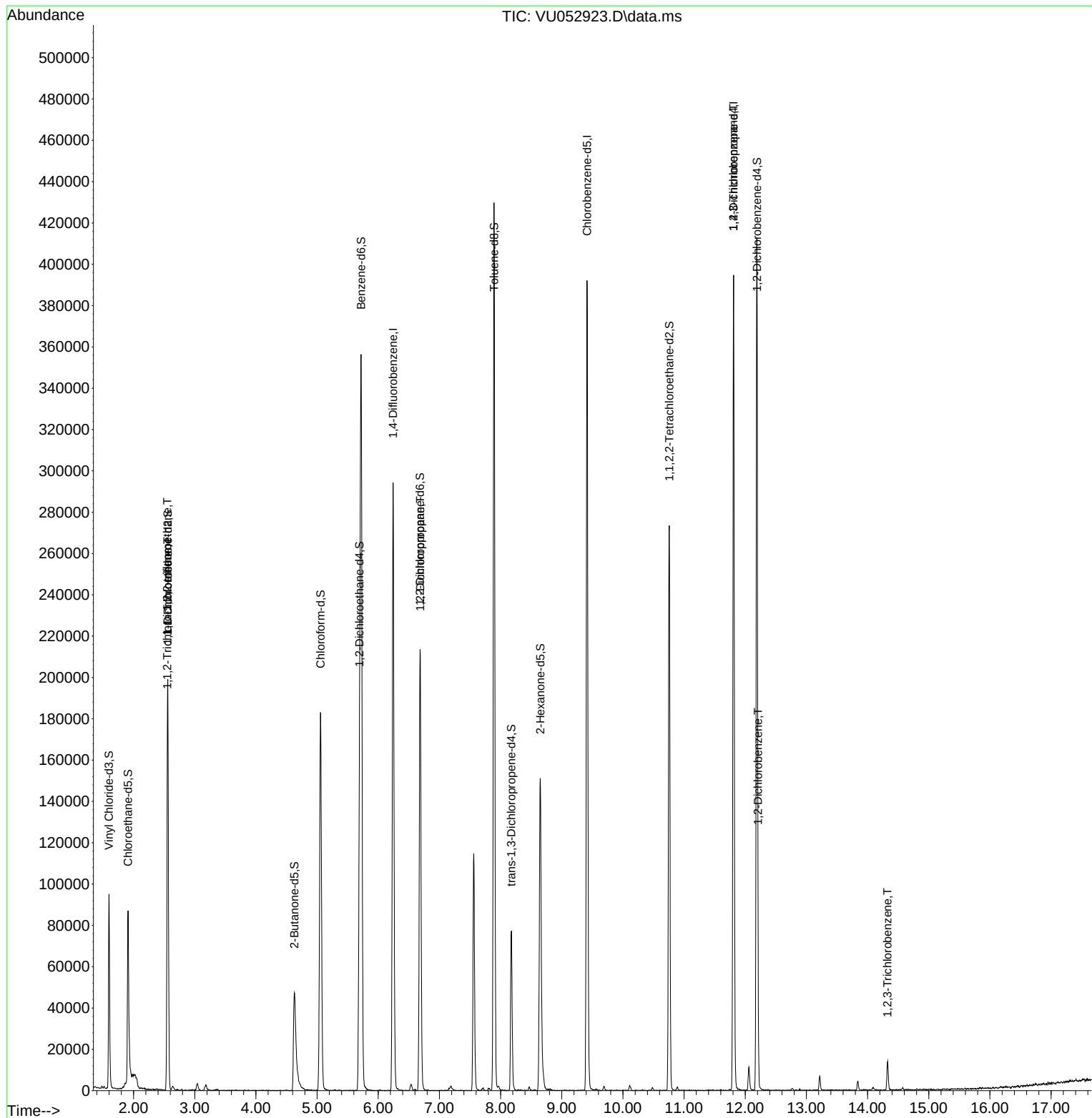
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	239982	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	228594	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	110456	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75097	43.477	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.960%
7) Chloroethane-d5	1.909	69	69372	48.742	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.480%
11) 1,1-Dichloroethene-d2	2.559	63	117381	34.167	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.340%
21) 2-Butanone-d5	4.629	46	84731	79.408	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.410%
24) Chloroform-d	5.057	84	171281	46.464	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.920%
26) 1,2-Dichloroethane-d4	5.694	65	112711	47.885	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.780%
32) Benzene-d6	5.719	84	330146	47.272	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.540%
36) 1,2-Dichloropropane-d6	6.684	67	97084	47.398	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.800%
41) Toluene-d8	7.893	98	285128	44.835	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.680%
43) trans-1,3-Dichloroprop...	8.176	79	45981	44.789	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.580%
47) 2-Hexanone-d5	8.649	63	58083	80.704	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.700%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	134495	44.442	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.880%
66) 1,2-Dichlorobenzene-d4	12.192	152	111422	51.951	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.900%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.552	101	1339	0.692	ug/L #	19
12) 1,1-Dichloroethene	2.555	96	1051	0.592	ug/L #	1
37) 1,2-Dichloropropane	6.687	63	11544	6.034	ug/L #	85
60) 1,2,3-Trichloropropane	11.809	75	10895	5.085	ug/L #	65
67) 1,2-Dichlorobenzene	12.208	146	4026	1.106	ug/L	93
72) 1,2,3-Trichlorobenzene	14.327	180	5000	2.118	ug/L	98

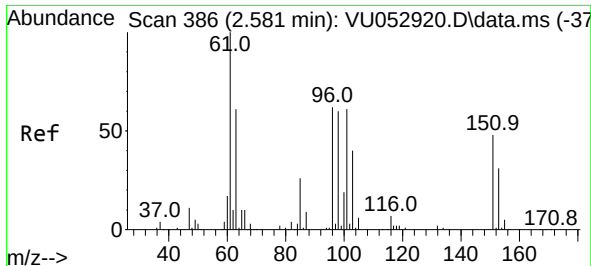
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 03 00:24:34 2023
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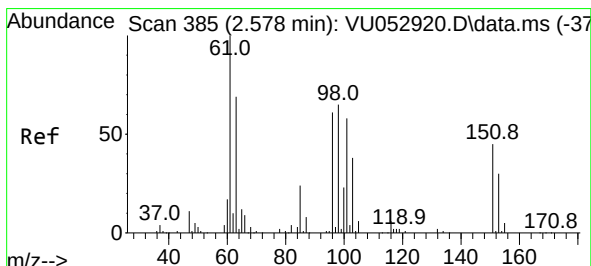
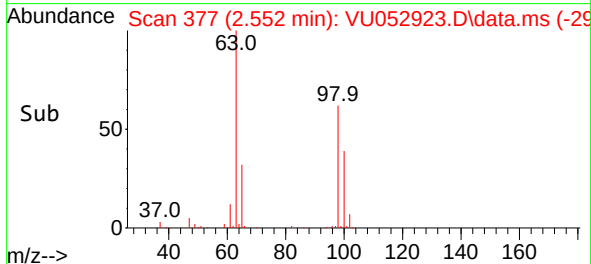
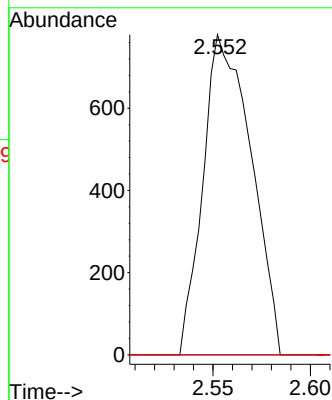
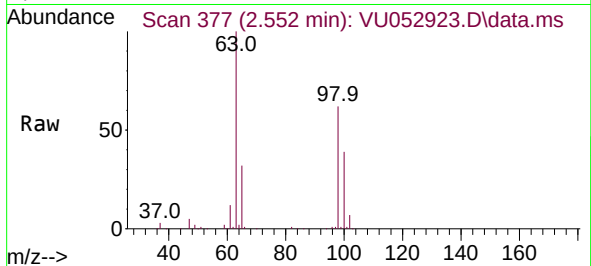




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.692 ug/L
RT: 2.552 min Scan# 31
Delta R.T. -0.029 min
Lab File: VU052923.D
Acq: 02 Feb 2023 14:14

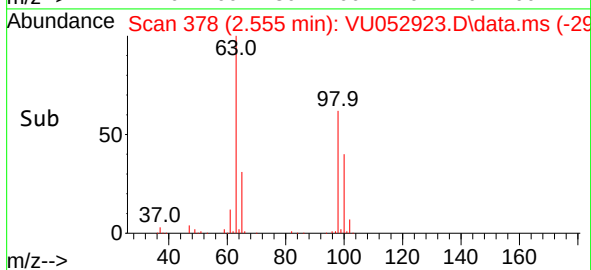
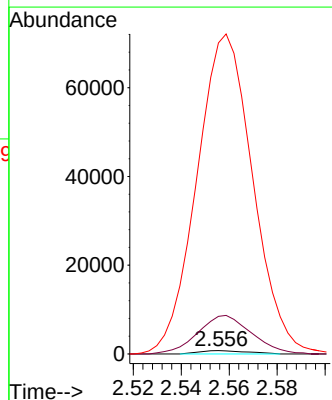
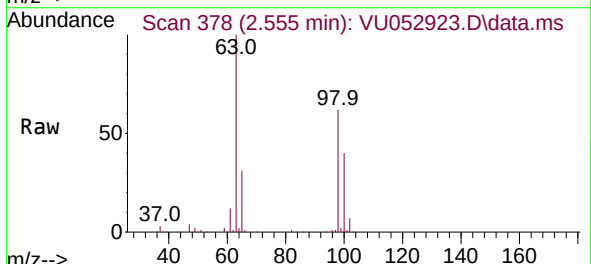
Instrument :
MSVOA_U
ClientSampleId :

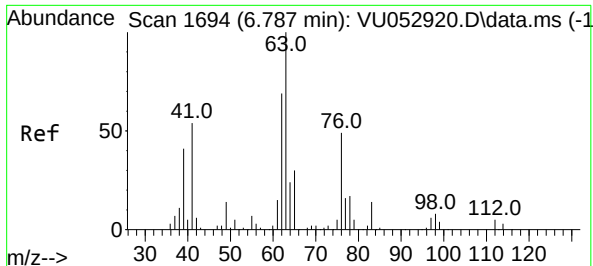
Tgt Ion:101 Resp: 1339
Ion Ratio Lower Upper
101 100
85 0.0 32.9 49.3#
151 0.0 62.6 94.0#



#12
1,1-Dichloroethene
Concen: 0.592 ug/L
RT: 2.555 min Scan# 378
Delta R.T. -0.023 min
Lab File: VU052923.D
Acq: 02 Feb 2023 14:14

Tgt Ion: 96 Resp: 1051
Ion Ratio Lower Upper
96 100
61 1116.1 114.3 212.3#
63 9248.5 80.6 149.6#





#37

1,2-Dichloropropane

Concen: 6.034 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052923.D

Acq: 02 Feb 2023 14:14

Instrument :

MSVOA_U

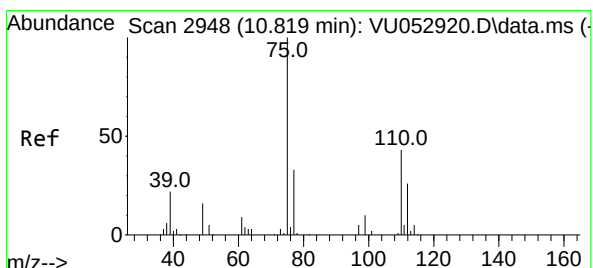
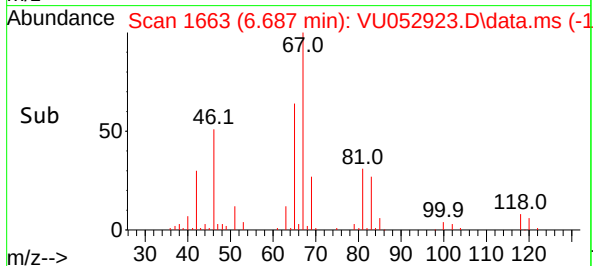
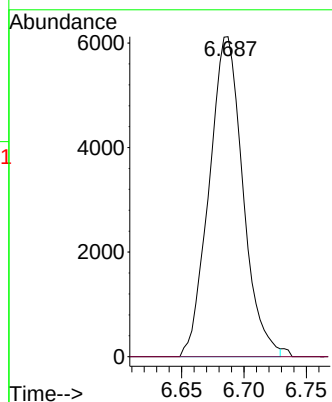
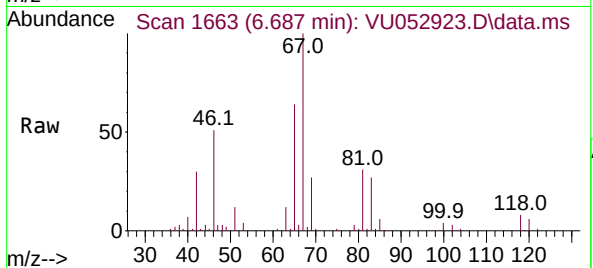
ClientSampleId :

Tgt Ion: 63 Resp: 11544

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#60

1,2,3-Trichloropropane

Concen: 5.085 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU052923.D

Acq: 02 Feb 2023 14:14

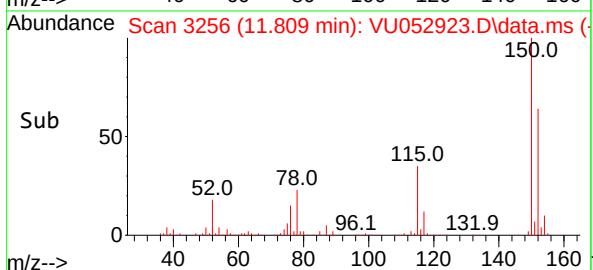
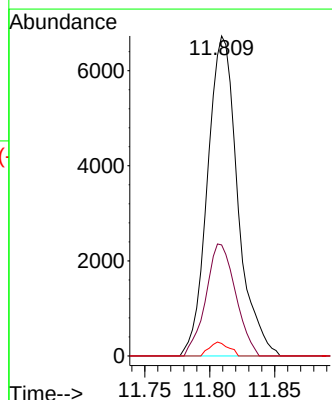
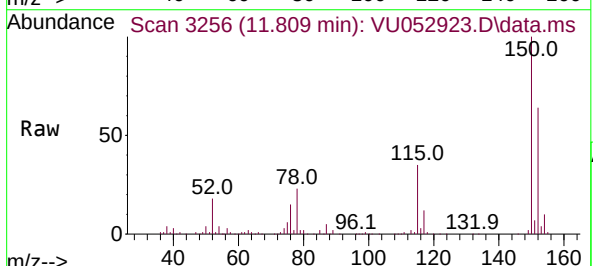
Tgt Ion: 75 Resp: 10895

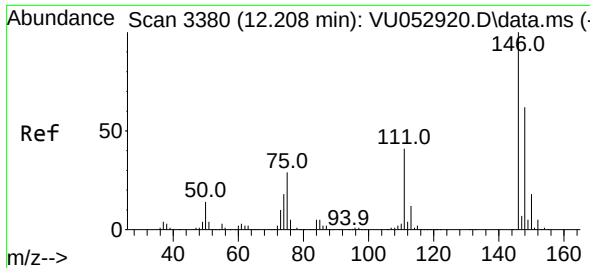
Ion Ratio Lower Upper

75 100

77 34.4 25.8 38.8

110 2.8 32.4 48.6#





#67

1,2-Dichlorobenzene

Concen: 1.106 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052923.D

Acq: 02 Feb 2023 14:14

Instrument :

MSVOA_U

ClientSampleId :

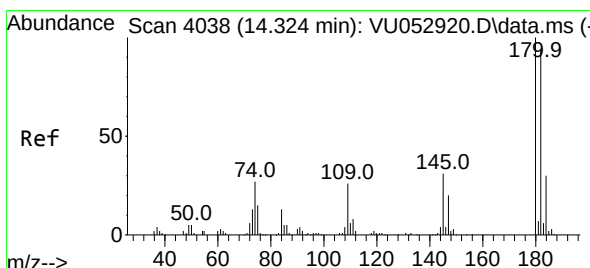
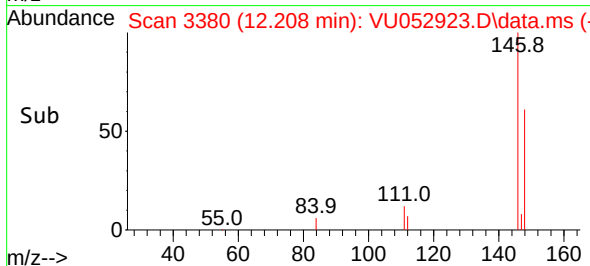
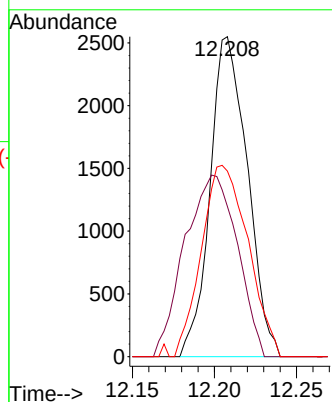
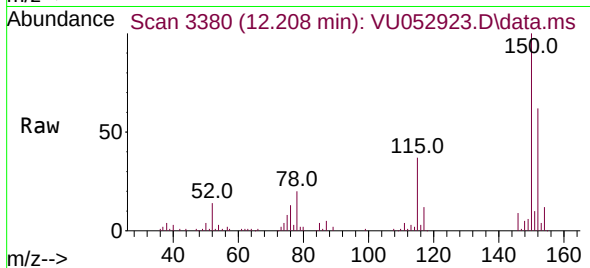
Tgt Ion:146 Resp: 4026

Ion Ratio Lower Upper

146 100

111 46.9 33.2 49.8

148 58.0 50.2 75.4



#72

1,2,3-Trichlorobenzene

Concen: 2.118 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. 0.003 min

Lab File: VU052923.D

Acq: 02 Feb 2023 14:14

Tgt Ion:180 Resp: 5000

Ion Ratio Lower Upper

180 100

182 95.1 77.5 116.3

145 31.8 24.2 36.4

