

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030223\
 Data File : VU053179.D
 Acq On : 02 Mar 2023 11:51
 Operator : JC/MD
 Sample : 01745-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COLFO

Quant Time: Mar 03 01:45:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 03 01:44:16 2023
 Response via : Initial Calibration

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

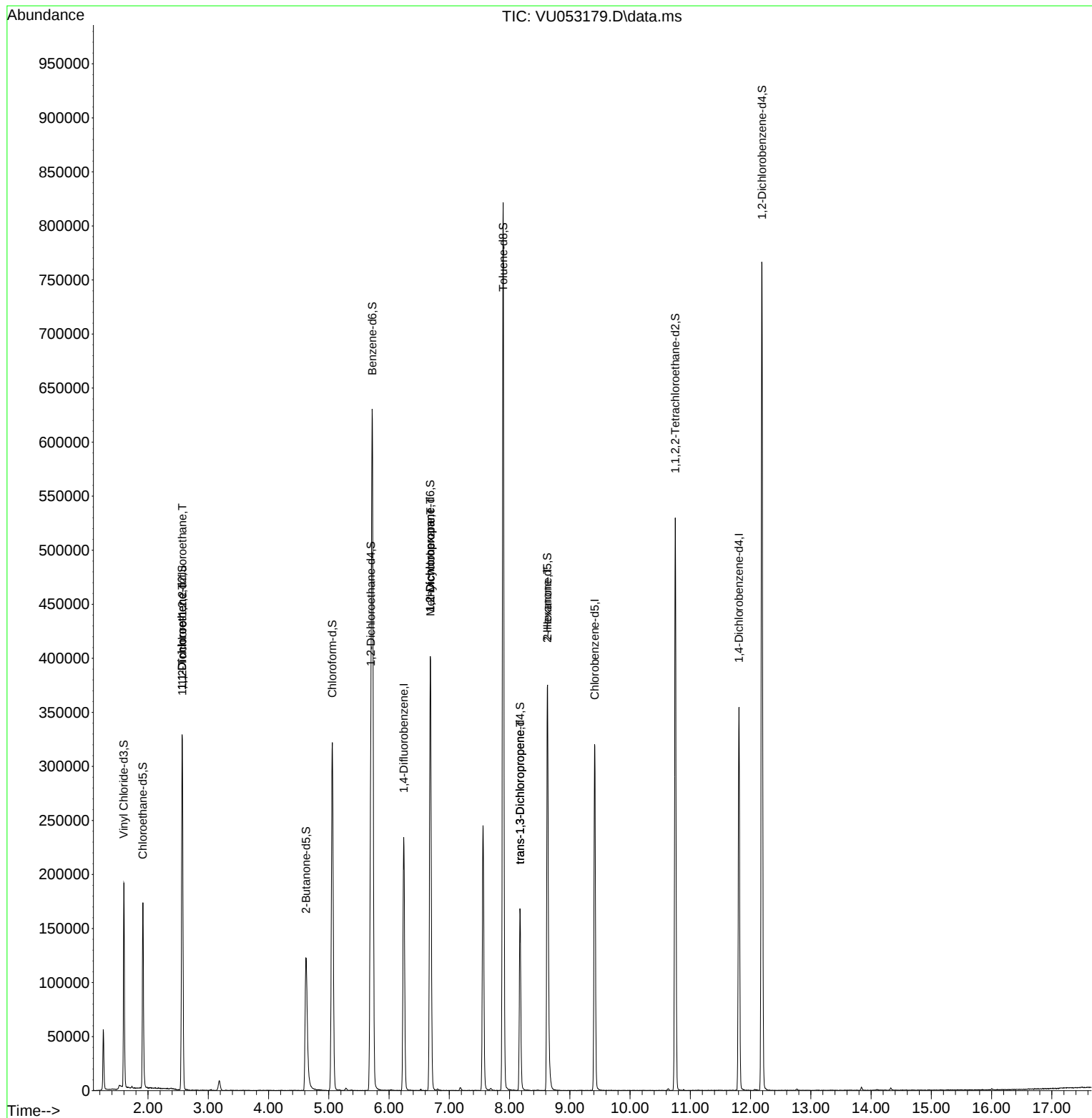
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	187257	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	174480	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	87064	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	133962	77.876	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 155.760%#			
7) Chloroethane-d5	1.913	69	124602	85.585	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 171.160%#			
11) 1,1-Dichloroethene-d2	2.566	63	192021	65.078	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 130.160%#			
21) 2-Butanone-d5	4.620	46	183385	203.981	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 203.980%#			
24) Chloroform-d	5.058	84	286559	94.433	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 188.860%#			
26) 1,2-Dichloroethane-d4	5.698	65	186588	96.691	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 193.380%#			
32) Benzene-d6	5.723	84	594450	95.504	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 191.000%#			
36) 1,2-Dichloropropane-d6	6.685	67	196840	96.803	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 193.600%#			
41) Toluene-d8	7.894	98	548751	95.215	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 190.420%#			
43) trans-1,3-Dichloroprop...	8.173	79	96895	93.561	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 187.120%#			
47) 2-Hexanone-d5	8.627	63	137571	195.853	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 195.850%#			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	266106	98.326	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 196.660%#			
66) 1,2-Dichlorobenzene-d4	12.189	152	182896	94.495	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 189.000%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.569	101	1636	1.124	ug/L #	23
12) 1,1-Dichloroethene	2.566	96	1379	1.001	ug/L #	1
35) Methylcyclohexane	6.688	83	45543	16.511	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	21652	12.793	ug/L #	90
44) trans-1,3-Dichloropropene	8.173	75	4436	1.723	ug/L	89
48) 2-Hexanone	8.630	43	16525	11.619	ug/L #	79

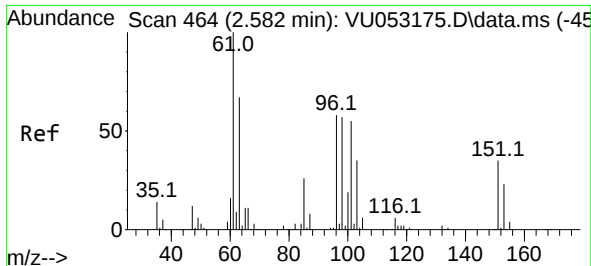
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 03 01:44:16 2023
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.124 ug/L

RT: 2.569 min Scan# 4

Delta R.T. -0.013 min

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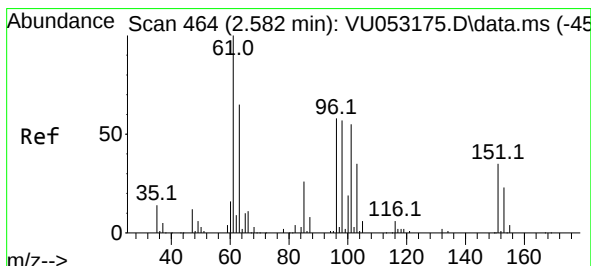
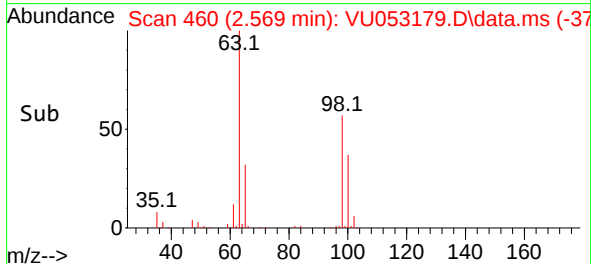
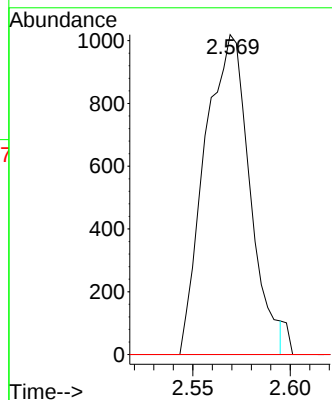
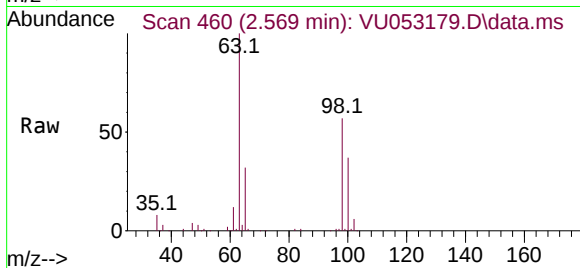
Tgt Ion:101 Resp: 1636

Ion Ratio Lower Upper

101 100

85 0.0 36.6 54.8#

151 0.0 52.6 79.0#



#12

1,1-Dichloroethene

Concen: 1.001 ug/L

RT: 2.566 min Scan# 459

Delta R.T. -0.016 min

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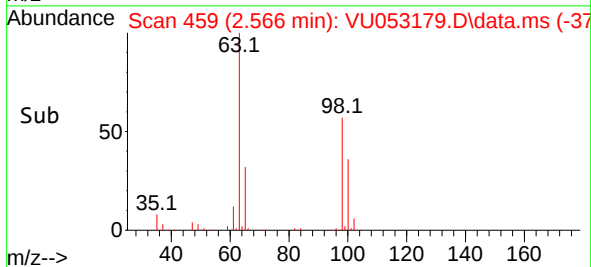
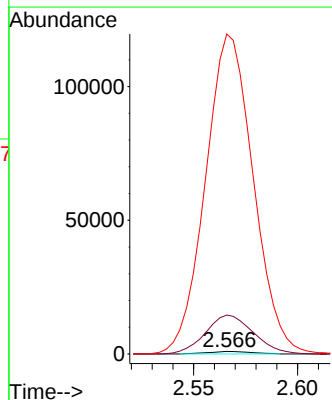
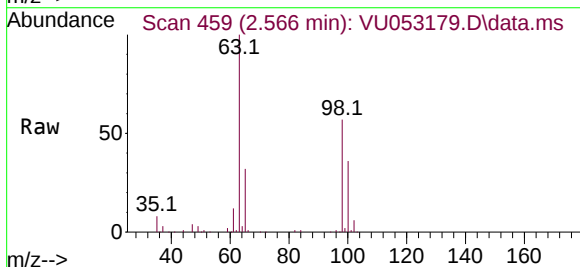
Tgt Ion: 96 Resp: 1379

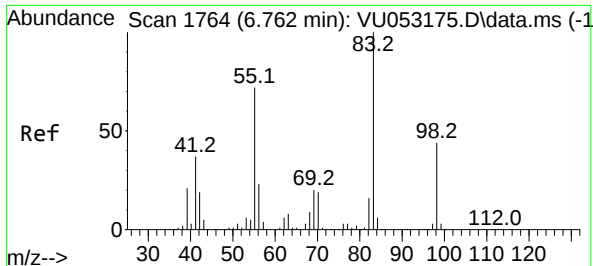
Ion Ratio Lower Upper

96 100

61 1559.0 121.9 226.3#

63 12812.0 84.2 156.4#

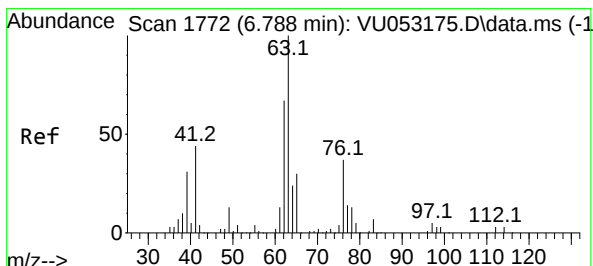
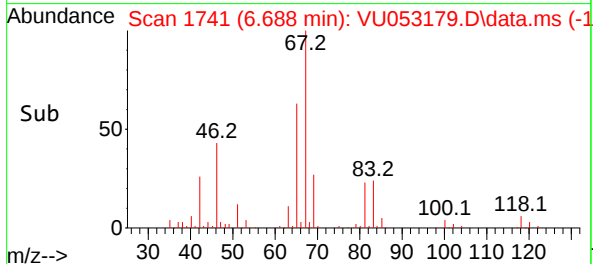
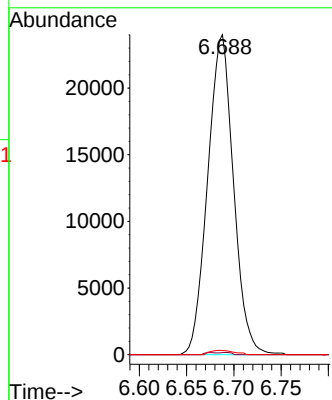
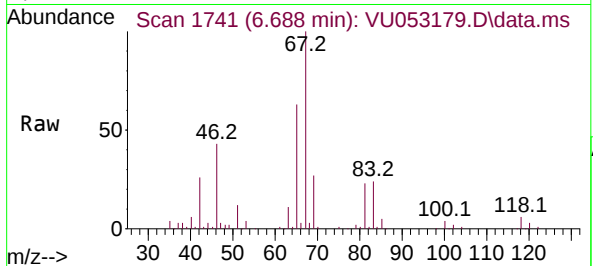




#35
Methylcyclohexane
Concen: 16.511 ug/L
RT: 6.688 min Scan# 1741
Delta R.T. -0.074 min
Lab File: VU053179.D
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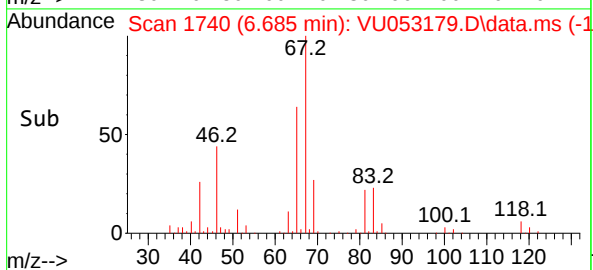
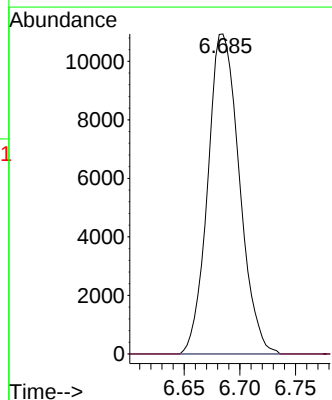
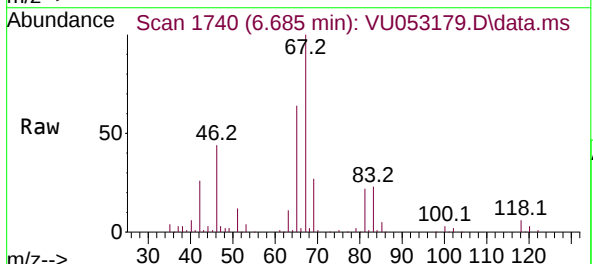
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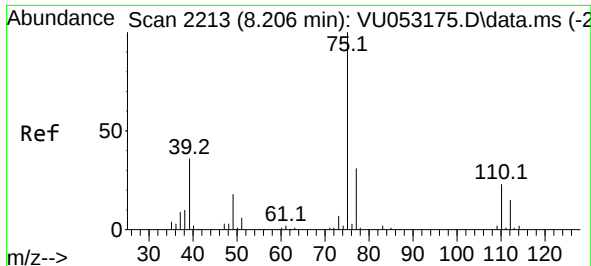
Tgt Ion: 83 Resp: 45543
Ion Ratio Lower Upper
83 100
55 0.3 57.4 86.2#
98 1.2 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 12.793 ug/L
RT: 6.685 min Scan# 1740
Delta R.T. -0.103 min
Lab File: VU053179.D
Acq: 02 Mar 2023 11:51

Tgt Ion: 63 Resp: 21652
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

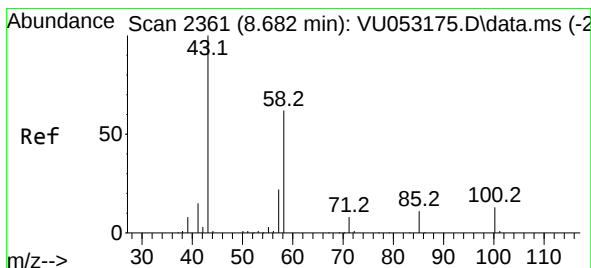
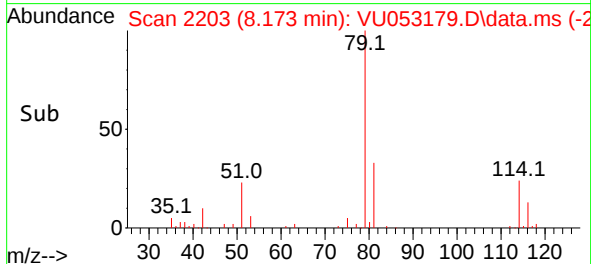
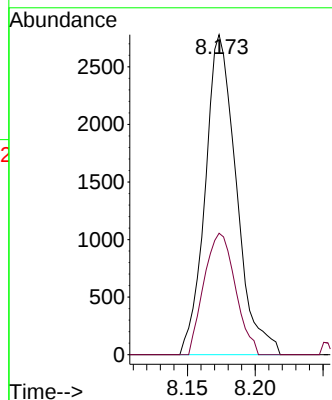
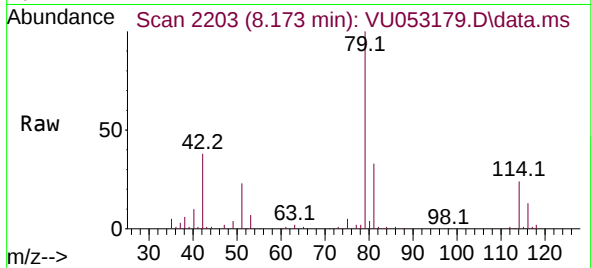




#44
trans-1,3-Dichloropropene
Concen: 1.723 ug/L
RT: 8.173 min Scan# 211
Delta R.T. -0.032 min
Lab File: VU053179.D
Acq: 02 Mar 2023 11:51

Instrument :
MSVOA_U
ClientSampleId :
COLFO

Tgt Ion: 75 Resp: 4436
Ion Ratio Lower Upper
75 100
77 38.0 22.2 41.2



#48
2-Hexanone
Concen: 11.619 ug/L
RT: 8.630 min Scan# 2345
Delta R.T. -0.052 min
Lab File: VU053179.D
Acq: 02 Mar 2023 11:51

Tgt Ion: 43 Resp: 16525
Ion Ratio Lower Upper
43 100
58 42.7 50.0 75.0#
57 23.2 17.7 26.5
100 0.0 10.5 15.7#

