

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081022\
 Data File : VX030542.D
 Acq On : 10 Aug 2022 11:04
 Operator : JC/MD
 Sample : N4114-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D74

Quant Time: Aug 10 12:50:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 10 01:21:25 2022
 Response via : Initial Calibration

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

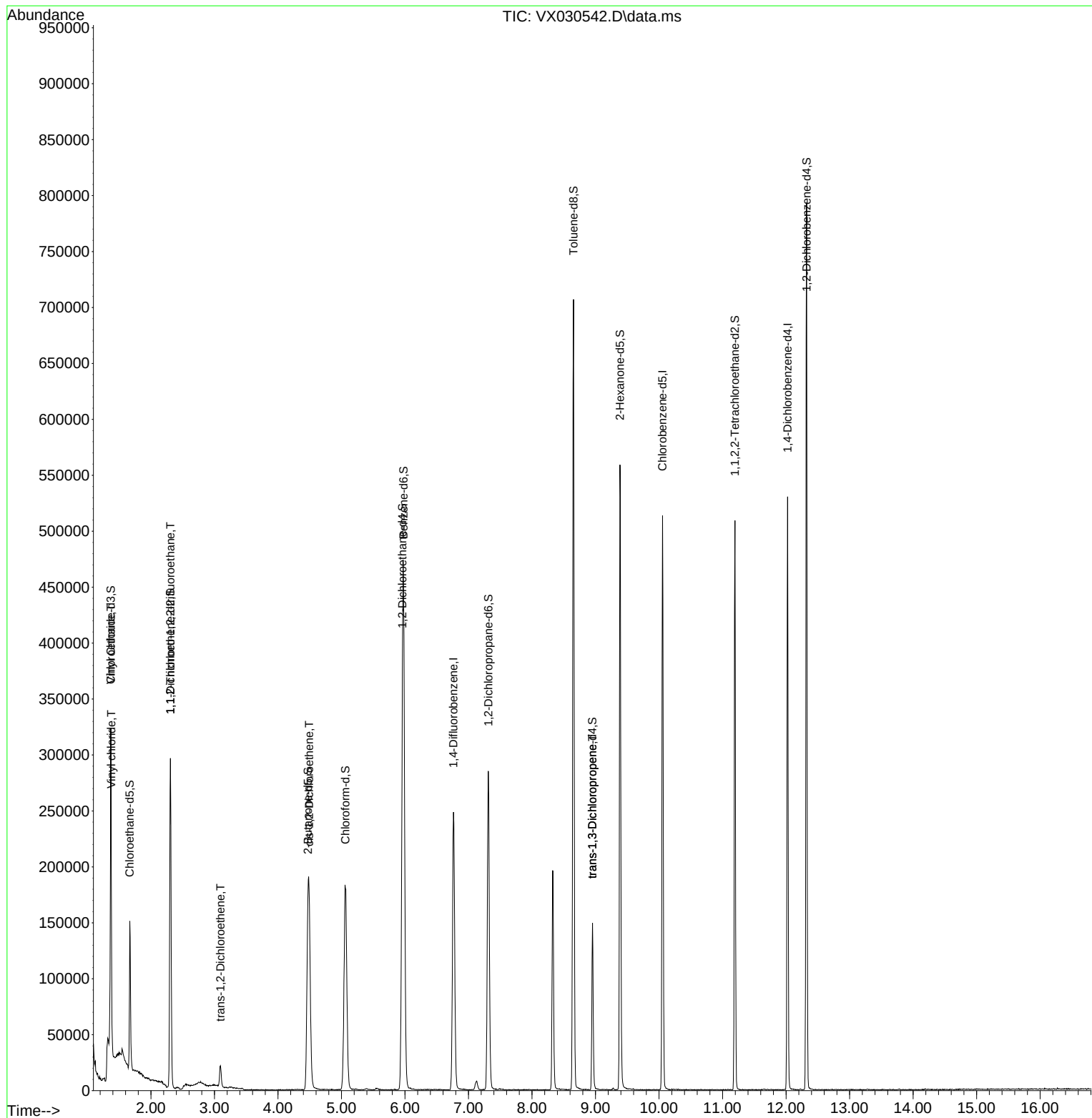
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	242032	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	215401	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	97620	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	112864	72.615	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 145.220%#		
7) Chloroethane-d5	1.666	69	82359	75.166	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 150.340%#		
11) 1,1-Dichloroethene-d2	2.307	63	167296	56.902	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 113.800%		
21) 2-Butanone-d5	4.471	46	227585	158.031	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 158.030%#		
24) Chloroform-d	5.062	84	224029	70.019	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 140.040%#		
26) 1,2-Dichloroethane-d4	5.958	65	158671	73.036	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 146.080%#		
32) Benzene-d6	5.977	84	438072	70.999	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 142.000%#		
36) 1,2-Dichloropropane-d6	7.312	67	143593	71.730	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 143.460%#		
41) Toluene-d8	8.653	98	399481	68.687	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 137.380%#		
43) trans-1,3-Dichloroprop...	8.952	79	67984	68.265	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 136.540%#		
47) 2-Hexanone-d5	9.385	63	155348	152.245	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 152.250%#		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	195642	74.395	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 148.780%#		
66) 1,2-Dichlorobenzene-d4	12.323	152	138930	73.374	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 146.740%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	70026	41.863	ug/L #	59
8) Chloroethane	1.368	64	34929	36.659	ug/L #	59
10) 1,1,2-Trichloro-1,2,2-...	2.307	101	1489	1.013	ug/L #	22
17) trans-1,2-Dichloroethene	3.093	96	7306	4.655	ug/L	94
20) cis-1,2-Dichloroethene	4.489	96	62164	35.211	ug/L	96
44) trans-1,3-Dichloropropene	8.952	75	3116	1.162	ug/L	87

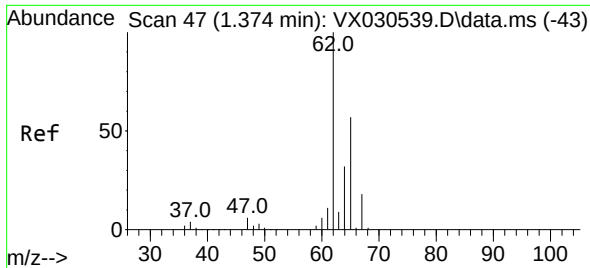
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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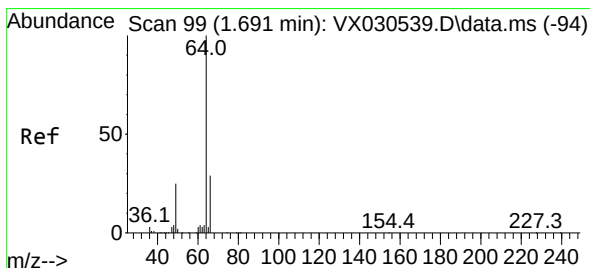
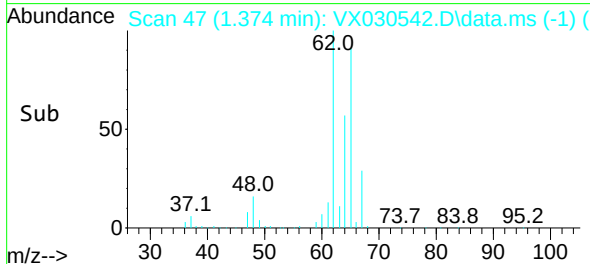
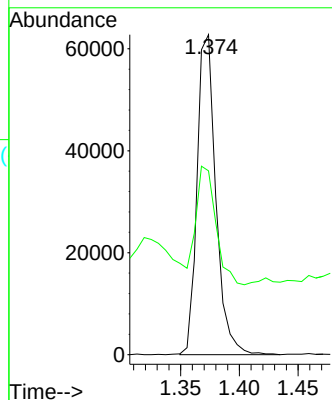
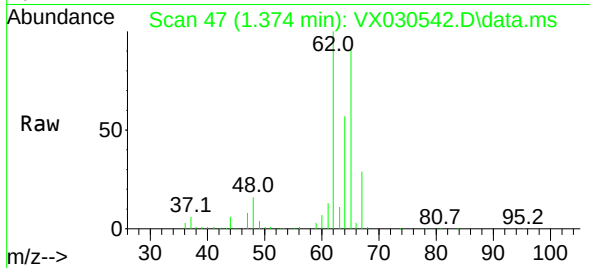




#5
 Vinyl chloride
 Concen: 41.863 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030542.D
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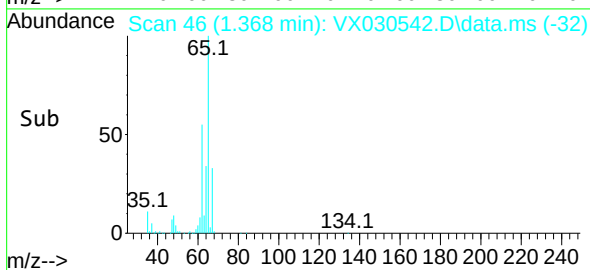
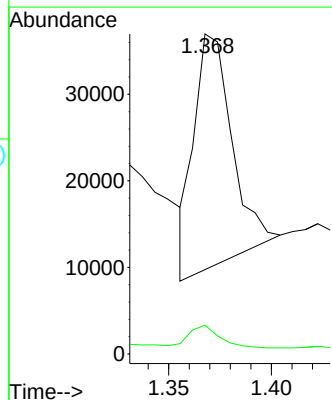
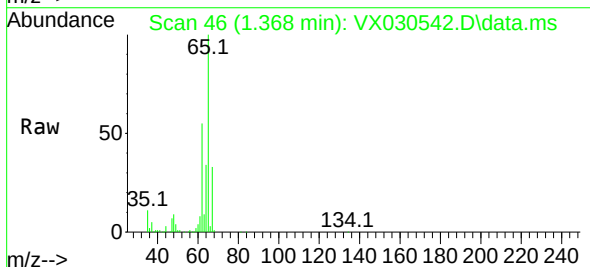
Instrument :
 MSVOA_X
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 F5D74

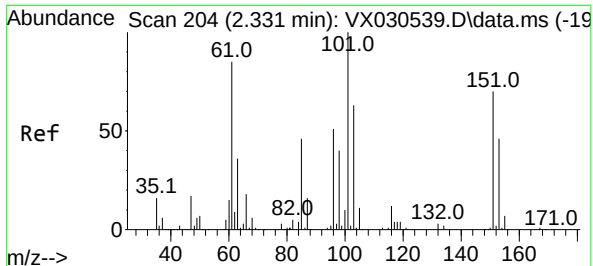
Tgt Ion: 62 Resp: 70026
 Ion Ratio Lower Upper
 62 100
 64 57.4 23.8 44.2#



#8
 Chloroethane
 Concen: 36.659 ug/L
 RT: 1.368 min Scan# 46
 Delta R.T. -0.317 min
 Lab File: VX030542.D
 Acq: 10 Aug 2022 11:04

Tgt Ion: 64 Resp: 34929
 Ion Ratio Lower Upper
 64 100
 66 9.0 22.1 41.1#

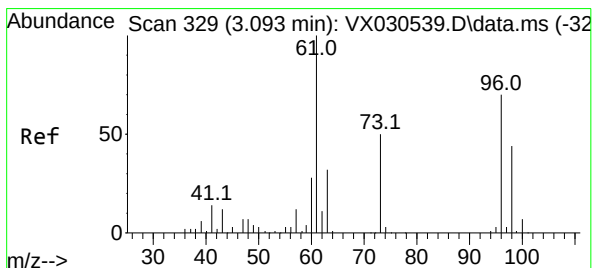
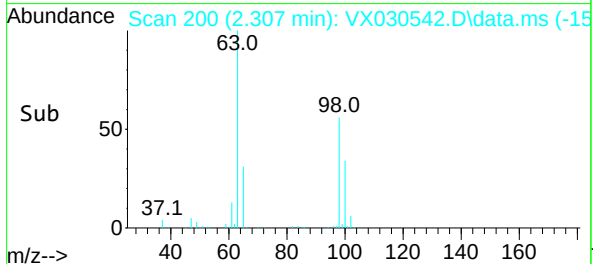
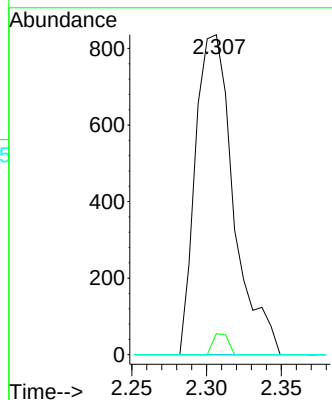
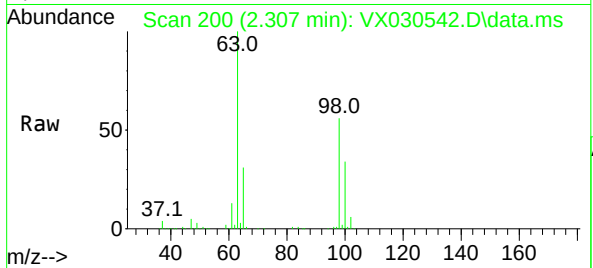




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.013 ug/L
RT: 2.307 min Scan# 204
Delta R.T. -0.018 min
Lab File: VX030542.D
Acq: 10 Aug 2022 11:04

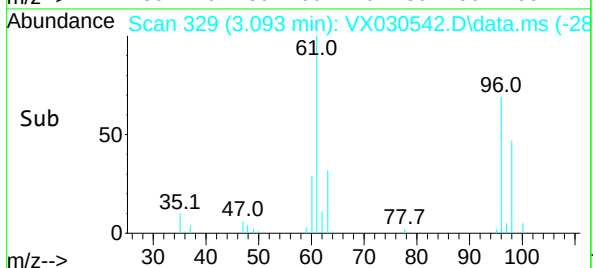
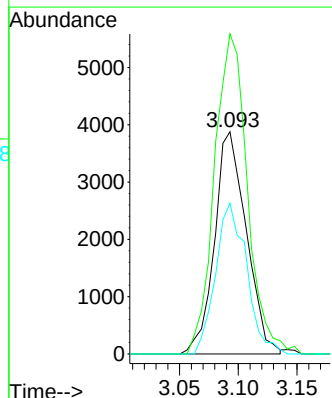
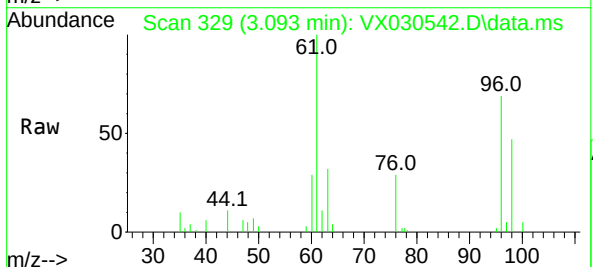
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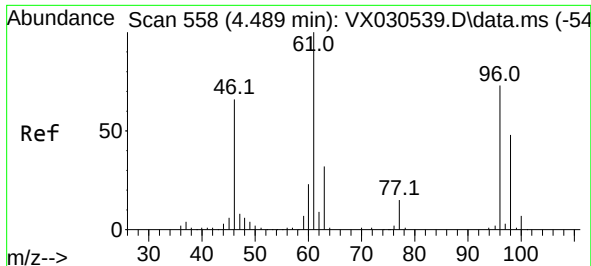
Tgt Ion:101 Resp: 1489
Ion Ratio Lower Upper
101 100
85 2.6 35.3 52.9#
151 0.0 58.3 87.5#



#17
trans-1,2-Dichloroethene
Concen: 4.655 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX030542.D
Acq: 10 Aug 2022 11:04

Tgt Ion: 96 Resp: 7306
Ion Ratio Lower Upper
96 100
61 144.0 103.7 192.5
98 67.8 41.5 77.1





#20

cis-1,2-Dichloroethene

Concen: 35.211 ug/L

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX030542.D

Acq: 10 Aug 2022 11:04

Instrument :

MSVOA_X

ClientSampleId :

F5D74

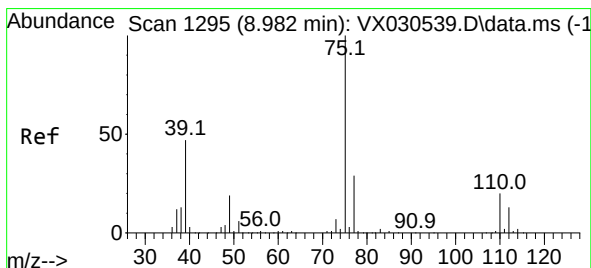
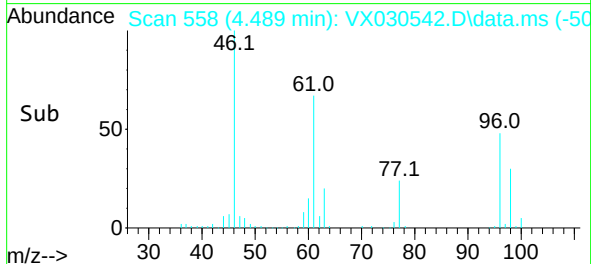
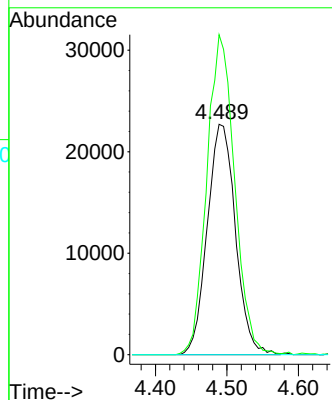
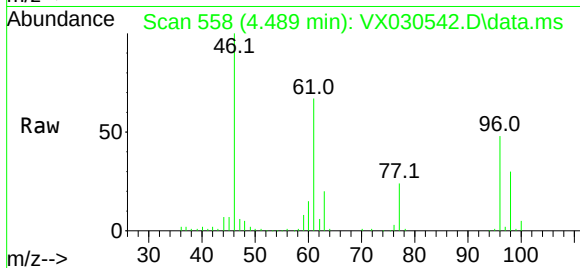
Tgt Ion: 96 Resp: 62164

Ion Ratio Lower Upper

96 100

61 138.9 94.0 174.6

68 0.0 0.0 0.0



#44

trans-1,3-Dichloropropene

Concen: 1.162 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX030542.D

Acq: 10 Aug 2022 11:04

Tgt Ion: 75 Resp: 3116

Ion Ratio Lower Upper

75 100

77 39.4 22.5 41.7

