

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081022\
 Data File : VX030543.D
 Acq On : 10 Aug 2022 11:28
 Operator : JC/MD
 Sample : N4114-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D75

Quant Time: Aug 10 12:50:50 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)

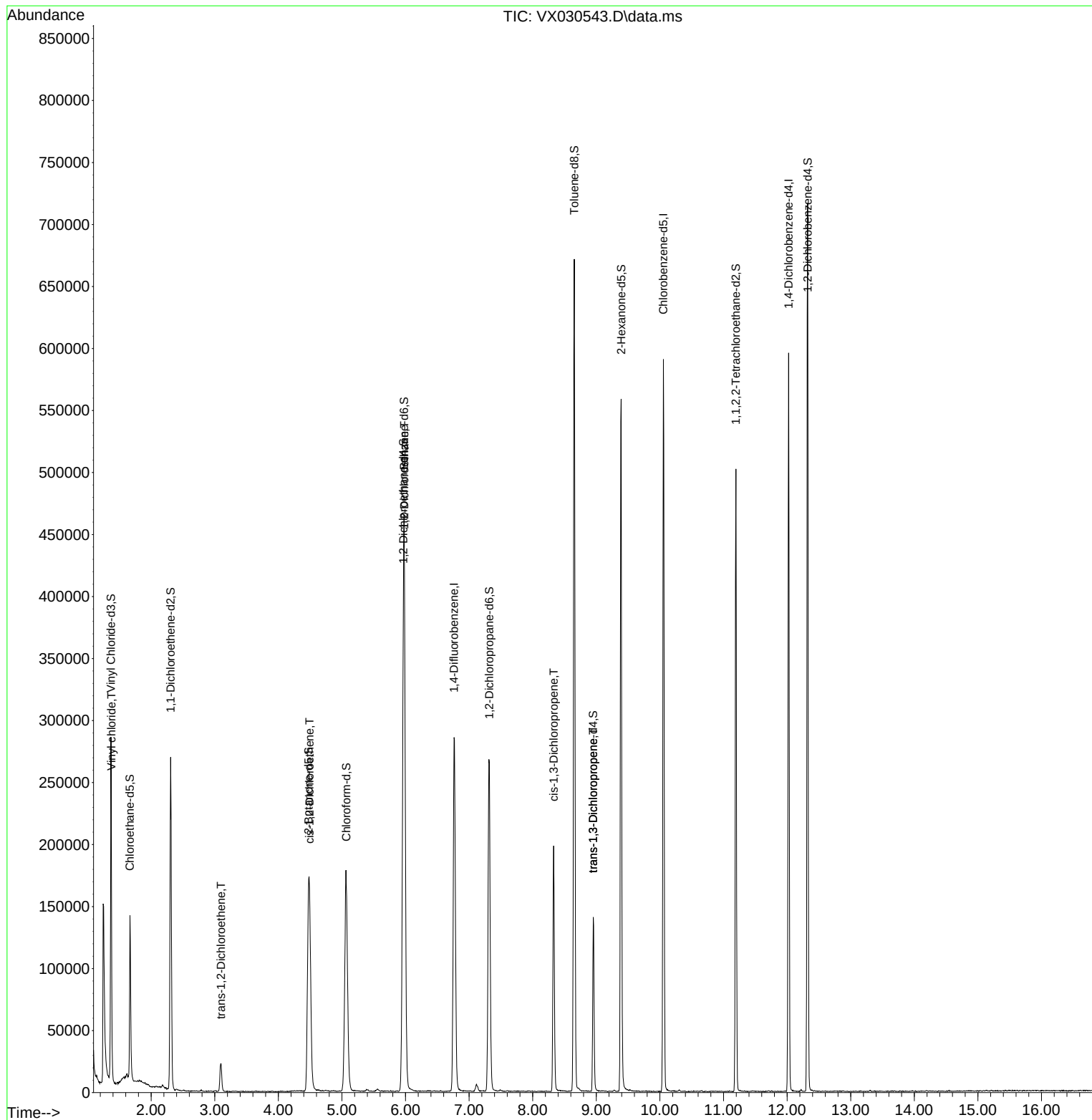
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	275041	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	248178	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	112335	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	99791	56.498	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	113.000%	
7) Chloroethane-d5	1.666	69	79772	64.067	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	128.140%	
11) 1,1-Dichloroethene-d2	2.307	63	150929	45.174	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	90.340%	
21) 2-Butanone-d5	4.477	46	223279	136.434	ug/L	0.01
Spiked Amount 100.000	Range 40	- 130	Recovery	=	136.430%#	
24) Chloroform-d	5.068	84	210254	57.827	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	115.660%	
26) 1,2-Dichloroethane-d4	5.964	65	152718	61.859	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	123.720%	
32) Benzene-d6	5.977	84	422395	59.417	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	118.840%	
36) 1,2-Dichloropropane-d6	7.318	67	136802	59.312	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	118.620%	
41) Toluene-d8	8.653	98	380218	56.740	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	113.480%	
43) trans-1,3-Dichloroprop...	8.952	79	64564	56.269	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	112.540%	
47) 2-Hexanone-d5	9.391	63	154019	131.008	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	131.010%#	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	188769	62.301	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	124.600%#	
66) 1,2-Dichlorobenzene-d4	12.323	152	135463	62.172	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	124.340%#	
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	75426	39.680	ug/L	93
17) trans-1,2-Dichloroethene	3.099	96	8890	4.985	ug/L	92
20) cis-1,2-Dichloroethene	4.489	96	49459	24.653	ug/L	99
27) 1,2-Dichloroethane	5.983	62	2856	0.947	ug/L	97
39) cis-1,3-Dichloropropene	8.330	75	4479	1.419	ug/L #	79
44) trans-1,3-Dichloropropene	8.952	75	3029	0.981	ug/L	97

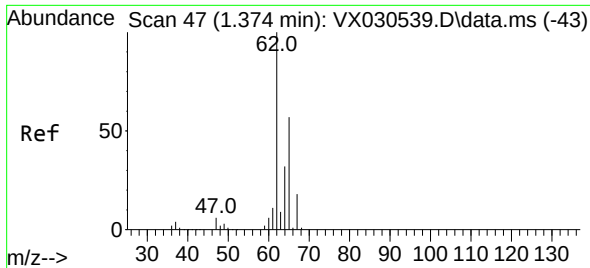
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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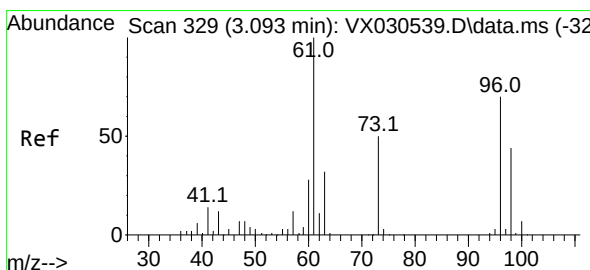
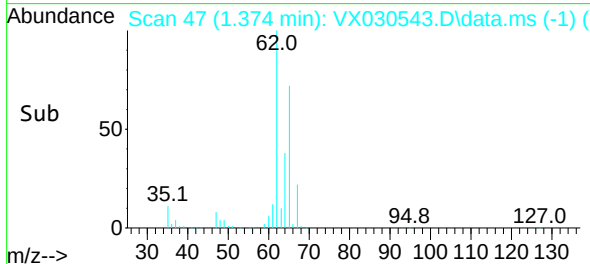
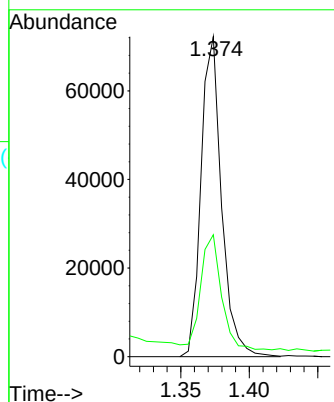
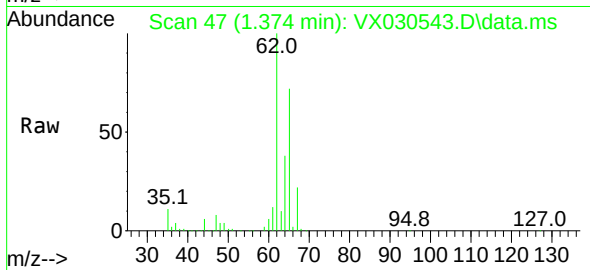




#5
 Vinyl chloride
 Concen: 39.680 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030543.D
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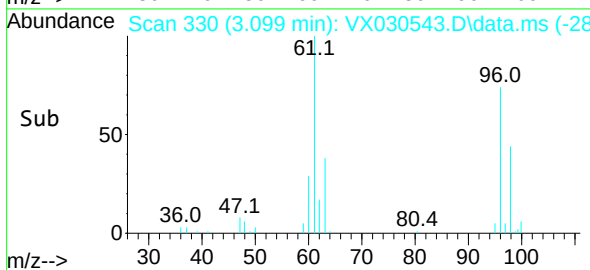
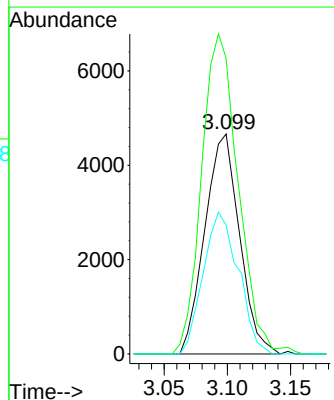
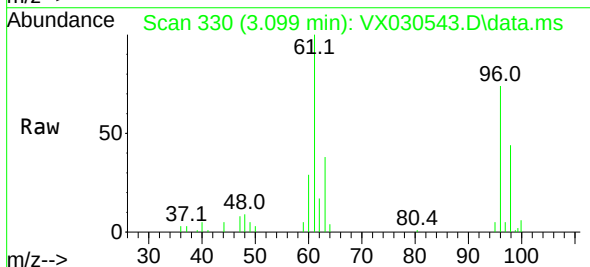
Instrument :
 MSVOA_X
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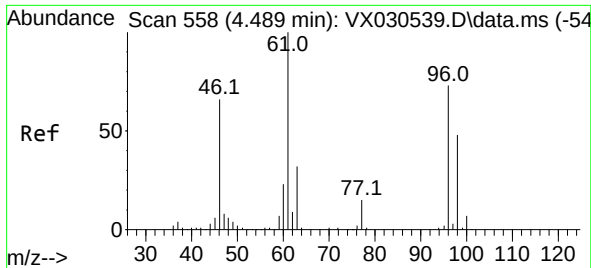
Tgt Ion: 62 Resp: 75426
 Ion Ratio Lower Upper
 62 100
 64 38.1 23.8 44.2



#17
 trans-1,2-Dichloroethene
 Concen: 4.985 ug/L
 RT: 3.099 min Scan# 330
 Delta R.T. 0.006 min
 Lab File: VX030543.D
 Acq: 10 Aug 2022 11:28

Tgt Ion: 96 Resp: 8890
 Ion Ratio Lower Upper
 96 100
 61 134.5 103.7 192.5
 98 58.5 41.5 77.1

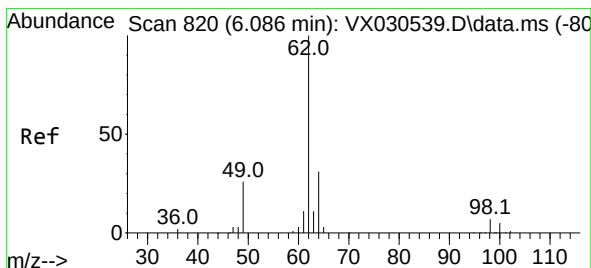
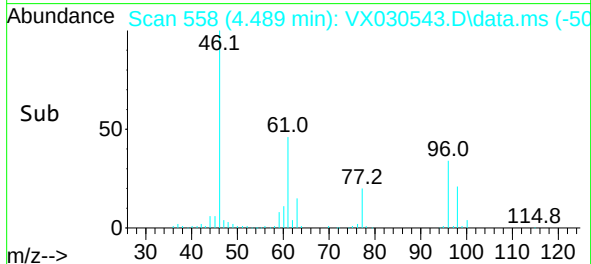
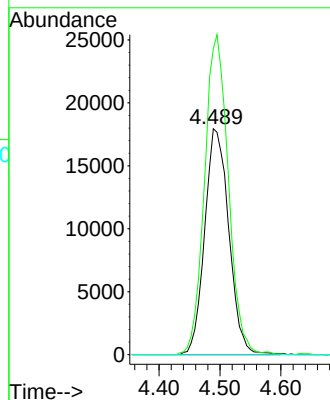
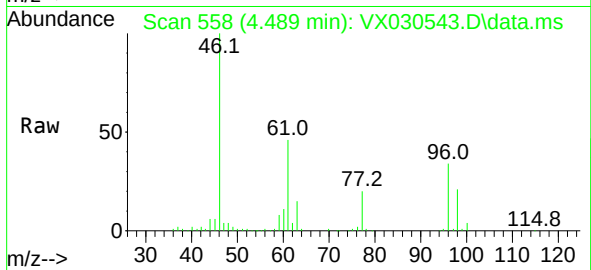




#20
 cis-1,2-Dichloroethene
 Concen: 24.653 ug/L
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX030543.D
 Acq: 10 Aug 2022 11:28

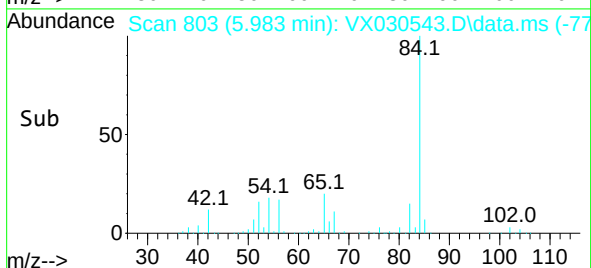
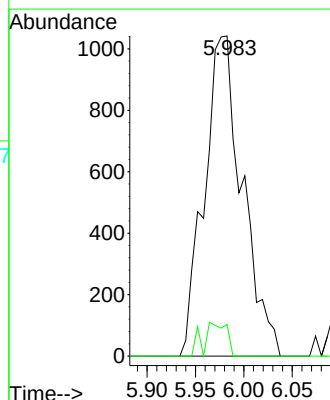
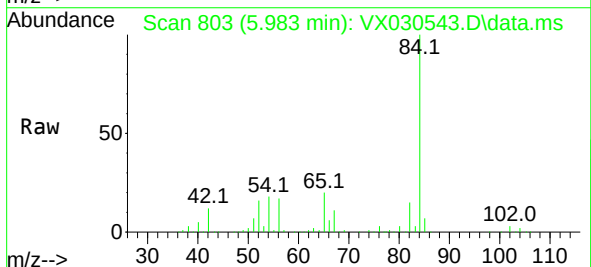
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 F5D75

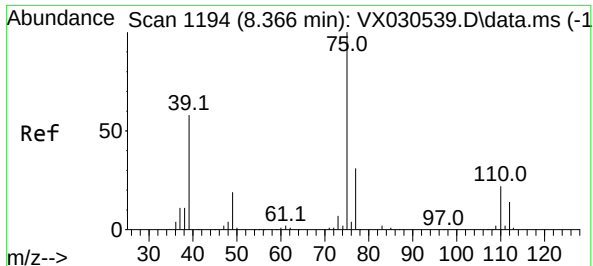
Tgt Ion: 96 Resp: 49459
 Ion Ratio Lower Upper
 96 100
 61 135.4 94.0 174.6
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.947 ug/L
 RT: 5.983 min Scan# 803
 Delta R.T. -0.104 min
 Lab File: VX030543.D
 Acq: 10 Aug 2022 11:28

Tgt Ion: 62 Resp: 2856
 Ion Ratio Lower Upper
 62 100
 98 9.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 1.419 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX030543.D

Acq: 10 Aug 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

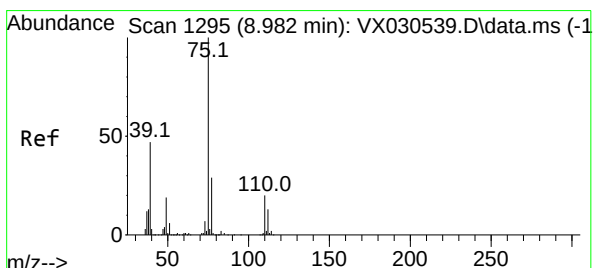
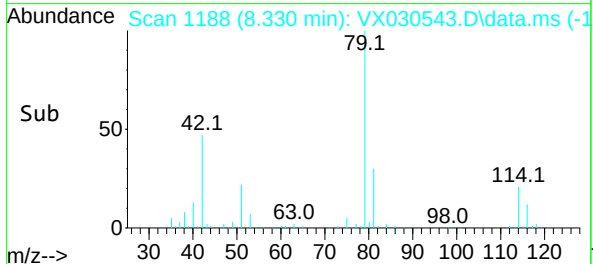
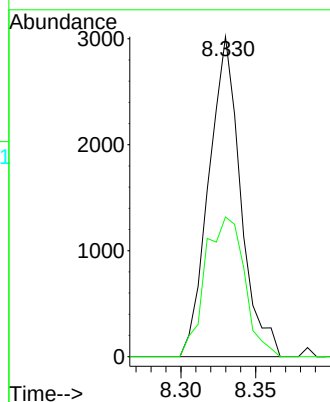
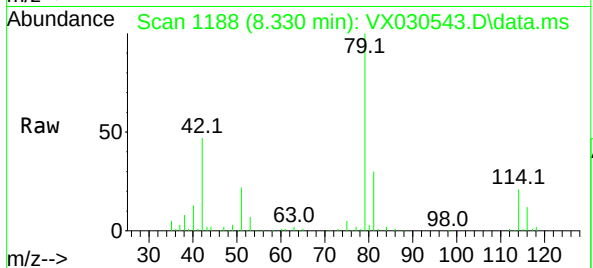
F5D75

Tgt Ion: 75 Resp: 4479

Ion Ratio Lower Upper

75 100

77 43.6 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.981 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX030543.D

Acq: 10 Aug 2022 11:28

Tgt Ion: 75 Resp: 3029

Ion Ratio Lower Upper

75 100

77 33.8 22.5 41.7

