

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080922\
 Data File : VX030535.D
 Acq On : 09 Aug 2022 18:21
 Operator : JC/MD
 Sample : N4114-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D73

Quant Time: Aug 10 02:38:27 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)

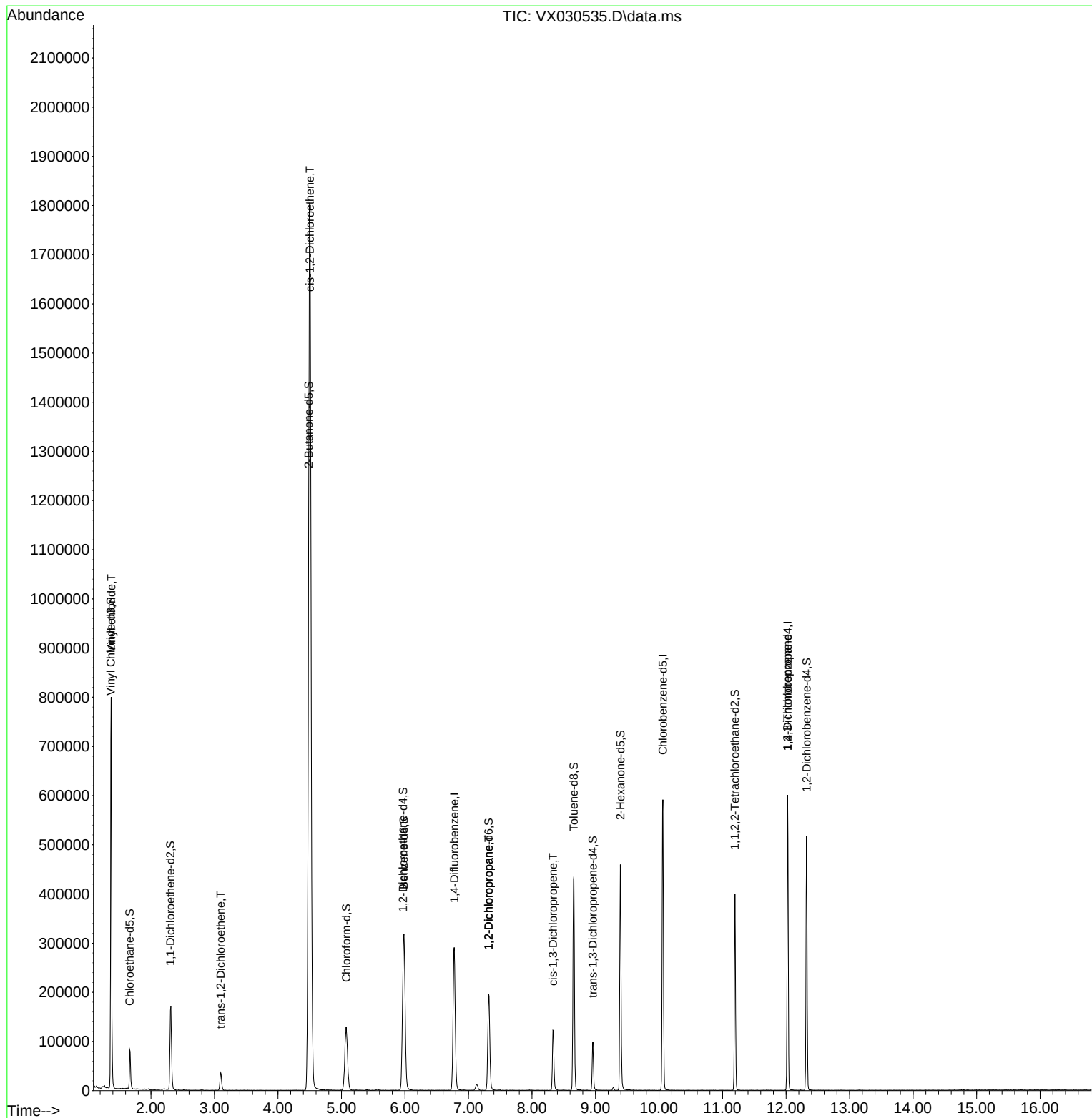
Internal Standards						
1) 1,4-Difluorobenzene	6.775	114	276086	50.000	ug/L	0.01
28) Chlorobenzene-d5	10.061	117	249919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	111553	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	58920	33.232	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	66.460%	
7) Chloroethane-d5	1.666	69	49045	39.240	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	78.480%	
11) 1,1-Dichloroethene-d2	2.306	63	96645	28.817	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	57.640%#	
21) 2-Butanone-d5	4.483	46	188662	114.845	ug/L	0.02
Spiked Amount	100.000	Range 40 - 130	Recovery	=	114.850%	
24) Chloroform-d	5.074	84	155064	42.486	ug/L	0.01
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.980%	
26) 1,2-Dichloroethane-d4	5.970	65	111340	44.928	ug/L	0.01
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.860%	
32) Benzene-d6	5.983	84	291386	40.703	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	81.400%	
36) 1,2-Dichloropropane-d6	7.318	67	98525	42.419	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	84.840%	
41) Toluene-d8	8.659	98	254670	37.740	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	75.480%#	
43) trans-1,3-Dichloroprop...	8.958	79	43618	37.749	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	75.500%	
47) 2-Hexanone-d5	9.390	63	123975	104.718	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	104.720%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	144619	47.397	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	94.800%	
66) 1,2-Dichlorobenzene-d4	12.323	152	92126	42.578	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	85.160%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	464290	243.328	ug/L	98
17) trans-1,2-Dichloroethene	3.099	96	13335	7.449	ug/L	95
20) cis-1,2-Dichloroethene	4.501	96	1047380	520.086	ug/L	99
37) 1,2-Dichloropropane	7.318	63	11853	5.563	ug/L #	89
39) cis-1,3-Dichloropropene	8.330	75	2707	0.852	ug/L #	68
61) 1,2,3-Trichloropropane	12.024	75	15705	6.556	ug/L #	68

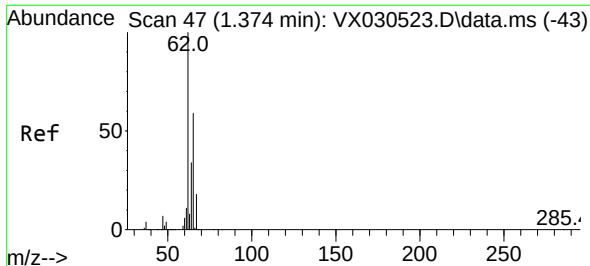
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 10 01:21:25 2022
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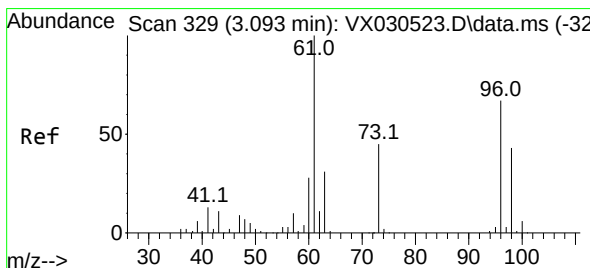
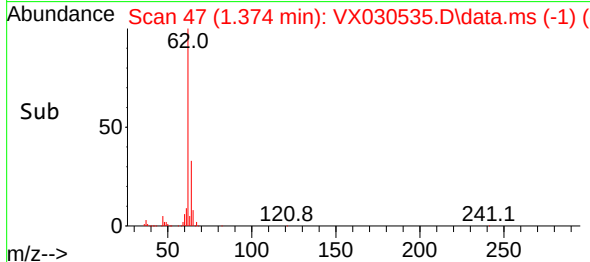
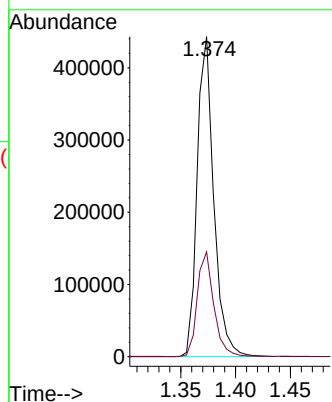
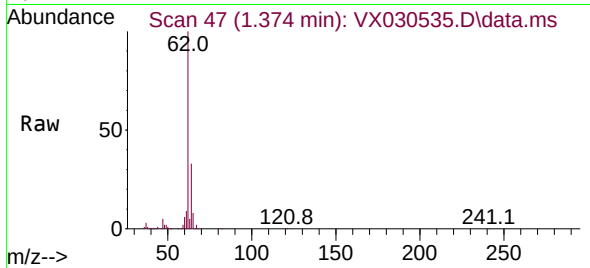




#5
 Vinyl chloride
 Concen: 243.328 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030535.D
 Acq: 09 Aug 2022 18:21

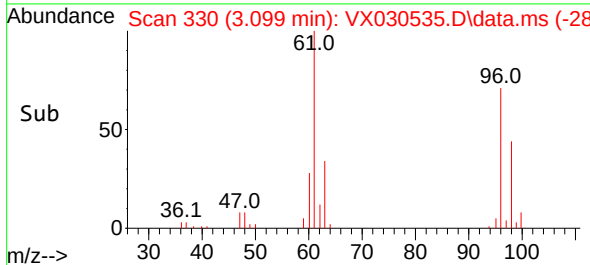
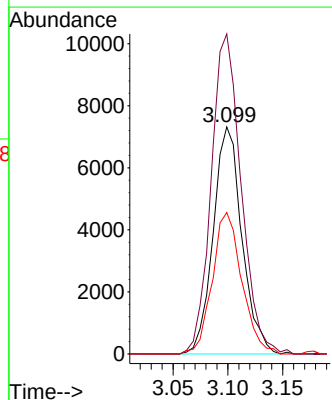
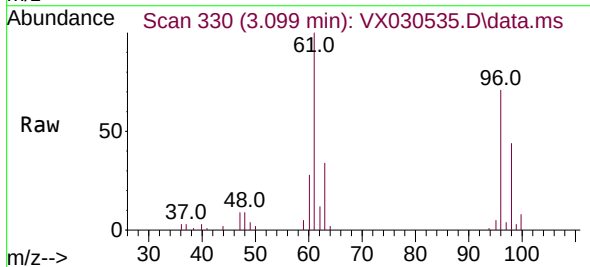
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D73

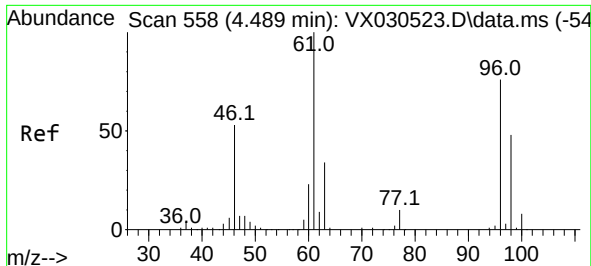
Tgt Ion: 62 Resp: 464290
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.8 44.2



#17
 trans-1,2-Dichloroethene
 Concen: 7.449 ug/L
 RT: 3.099 min Scan# 330
 Delta R.T. 0.006 min
 Lab File: VX030535.D
 Acq: 09 Aug 2022 18:21

Tgt Ion: 96 Resp: 13335
 Ion Ratio Lower Upper
 96 100
 61 141.0 103.7 192.5
 98 62.3 41.5 77.1



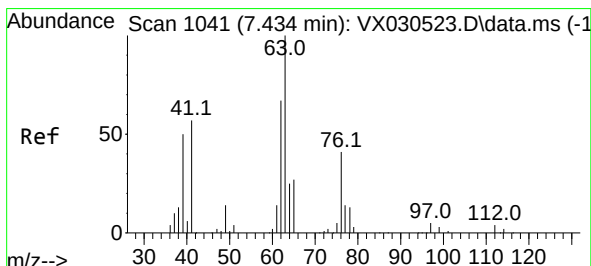
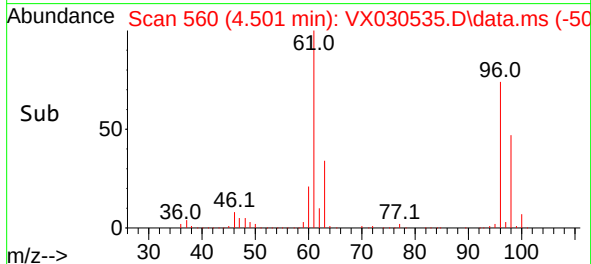
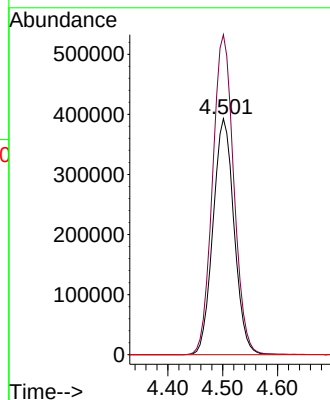
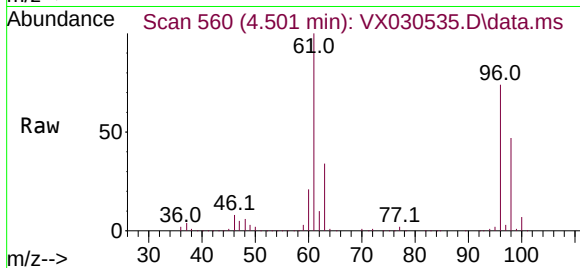


#20
 cis-1,2-Dichloroethene
 Concen: 520.086 ug/L
 RT: 4.501 min Scan# 50
 Delta R.T. 0.012 min
 Lab File: VX030535.D
 Acq: 09 Aug 2022 18:21

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D73

Tgt Ion: 96 Resp: 1047380

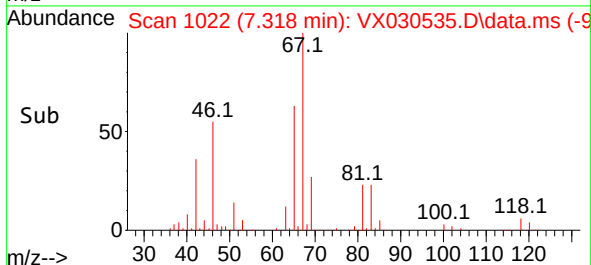
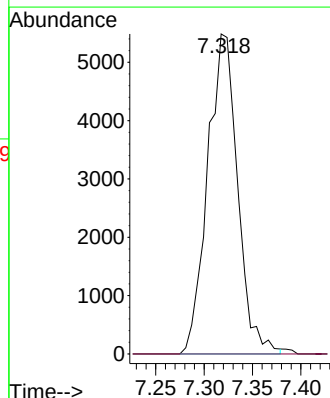
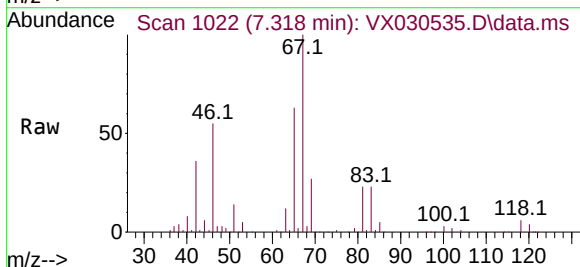
Ion	Ratio	Lower	Upper
96	100		
61	135.6	94.0	174.6
68	0.0	0.0	0.0

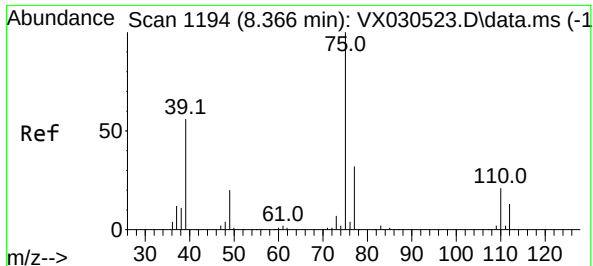


#37
 1,2-Dichloropropane
 Concen: 5.563 ug/L
 RT: 7.318 min Scan# 1022
 Delta R.T. -0.116 min
 Lab File: VX030535.D
 Acq: 09 Aug 2022 18:21

Tgt Ion: 63 Resp: 11853

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.852 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX030535.D

Acq: 09 Aug 2022 18:21

Instrument :

MSVOA_X

ClientSampleId :

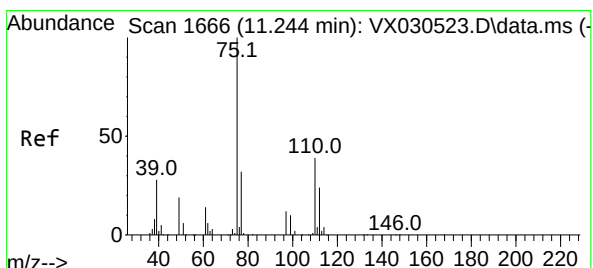
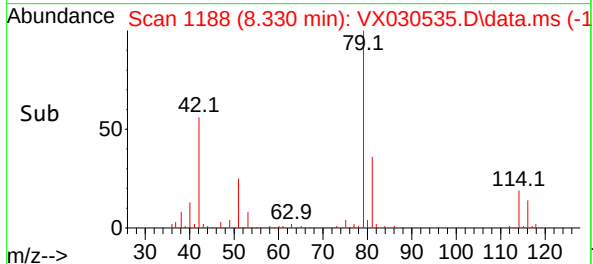
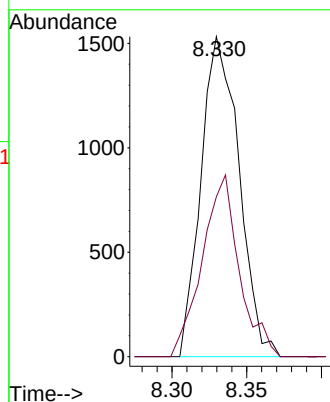
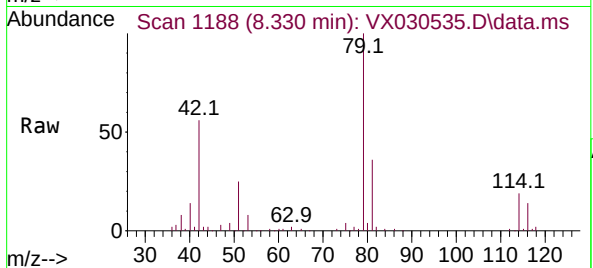
F5D73

Tgt Ion: 75 Resp: 2707

Ion Ratio Lower Upper

75 100

77 49.9 22.4 41.6#



#61

1,2,3-Trichloropropane

Concen: 6.556 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.780 min

Lab File: VX030535.D

Acq: 09 Aug 2022 18:21

Tgt Ion: 75 Resp: 15705

Ion Ratio Lower Upper

75 100

77 31.6 26.1 39.1

110 3.6 30.5 45.7#

