

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120921\
 Data File : VW023865.D
 Acq On : 09 Dec 2021 16:42
 Operator : SY/MD
 Sample : M5002-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CW2

Quant Time: Dec 10 00:43:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

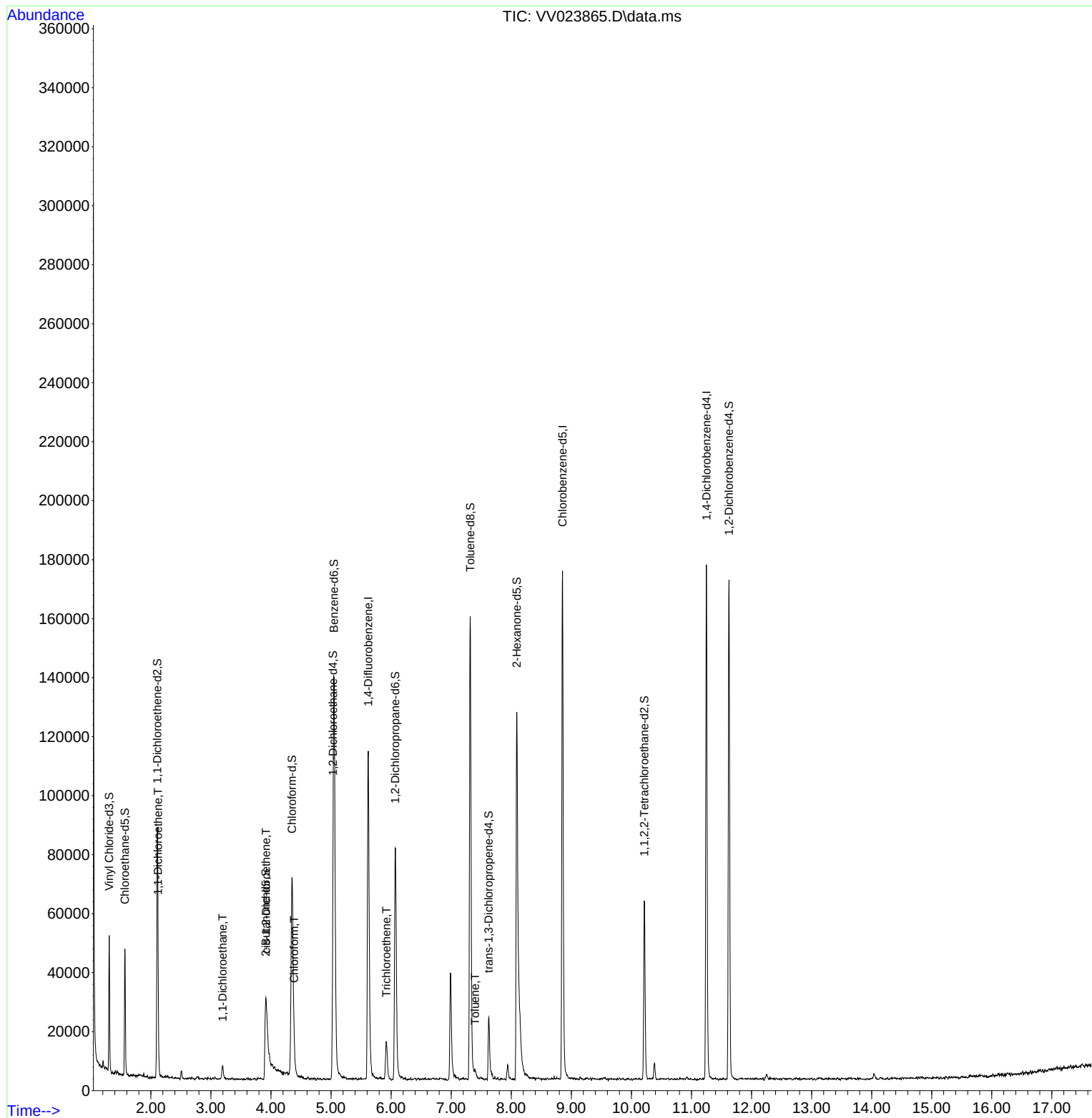
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	100981	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	99286	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48597	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	26380	3.182	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.600%	
7) Chloroethane-d5	1.568	69	25056	3.845	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.000%	
11) 1,1-Dichloroethene-d2	2.108	63	41647	2.851	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	57.000%#	
20) 2-Butanone-d5	3.912	46	38086	38.218	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.440%	
24) Chloroform-d	4.349	84	67837	4.699	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	5.034	65	31717	4.703	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
32) Benzene-d6	5.050	84	123108	4.552	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
36) 1,2-Dichloropropane-d6	6.069	67	38503	5.078	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.600%	
41) Toluene-d8	7.317	98	108721	4.302	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
43) trans-1,3-Dichloroprop...	7.625	79	13559	4.436	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.800%	
46) 2-Hexanone-d5	8.091	63	59484	58.579	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	117.160%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27695	5.076	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	45827	5.334	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.600%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.121	96	3041	0.449	ug/L	# 1
19) 1,1-Dichloroethane	3.195	63	4253	0.328	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	7186	0.972	ug/L	87
25) Chloroform	4.384	83	6120	0.424	ug/L	95
34) Trichloroethene	5.921	95	4160	0.549	ug/L	93
42) Toluene	7.397	91	2051	0.067	ug/L	94

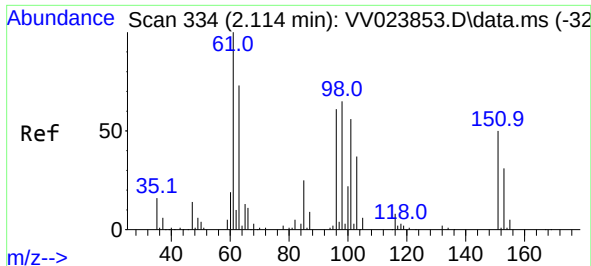
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
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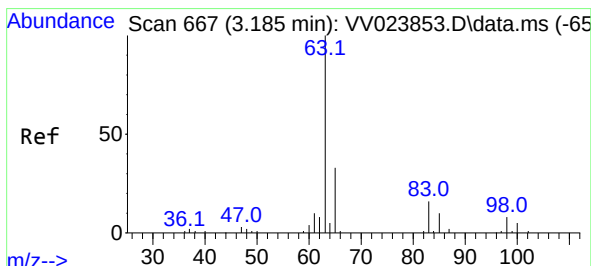
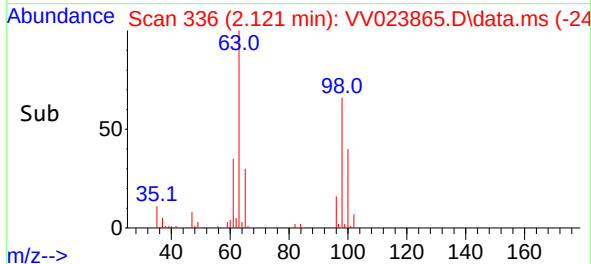
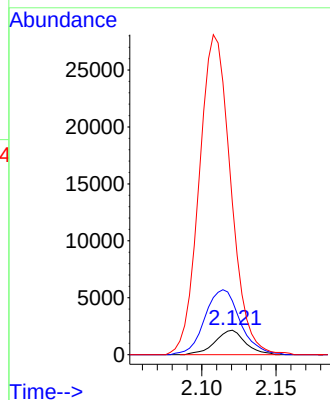
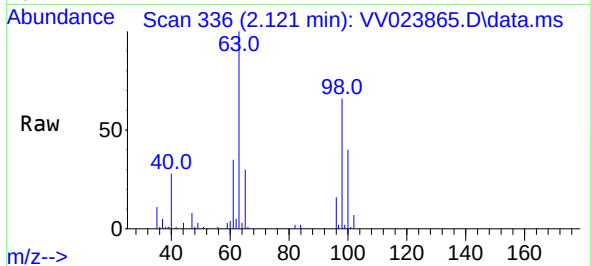




#12
1,1-Dichloroethene
Concen: 0.449 ug/L
RT: 2.121 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV023865.D
Acq: 09 Dec 2021 16:42

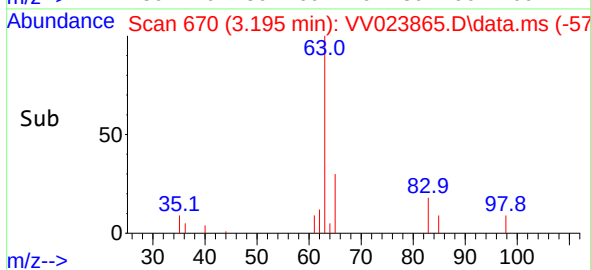
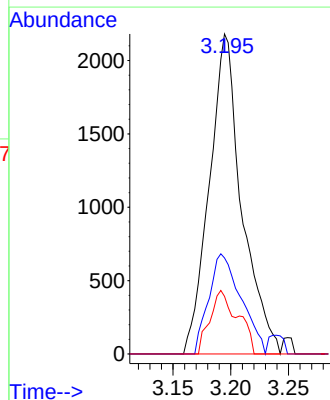
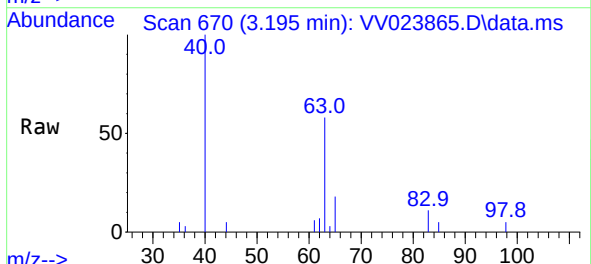
Instrument :
MSVOA_V
ClientSampleId :
C0CW2

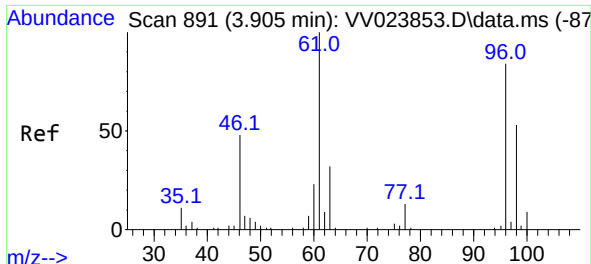
Tgt Ion: 96 Resp: 3041
Ion Ratio Lower Upper
96 100
61 219.2 116.1 215.5#
63 620.1 79.4 147.4#



#19
1,1-Dichloroethane
Concen: 0.328 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.010 min
Lab File: VV023865.D
Acq: 09 Dec 2021 16:42

Tgt Ion: 63 Resp: 4253
Ion Ratio Lower Upper
63 100
65 30.0 22.3 41.3
83 18.0 10.7 19.9

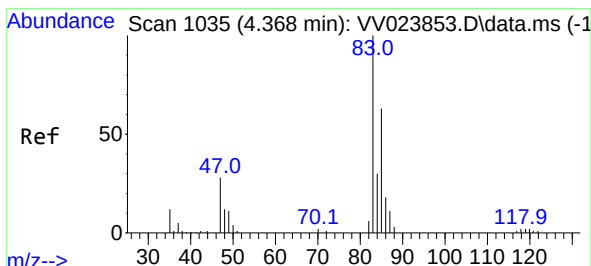
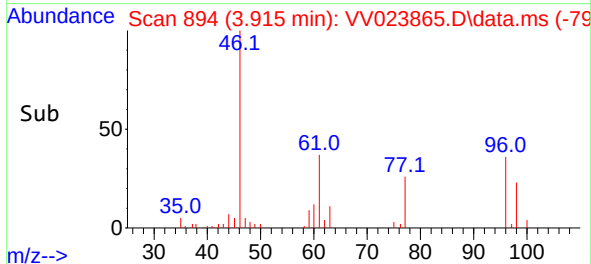
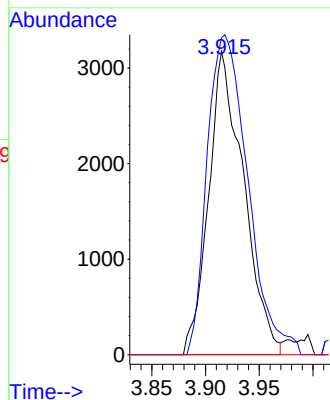
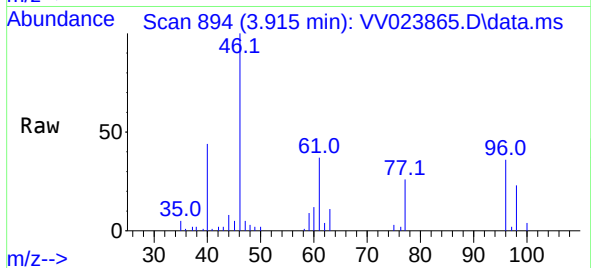




#22
cis-1,2-Dichloroethene
Concen: 0.972 ug/L
RT: 3.915 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV023865.D
Acq: 09 Dec 2021 16:42

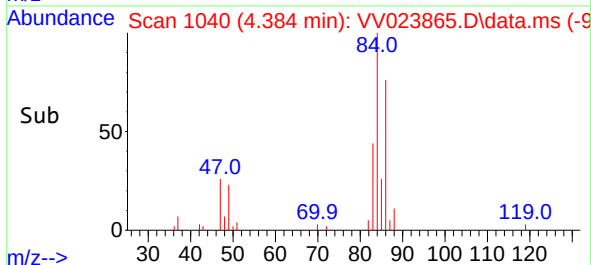
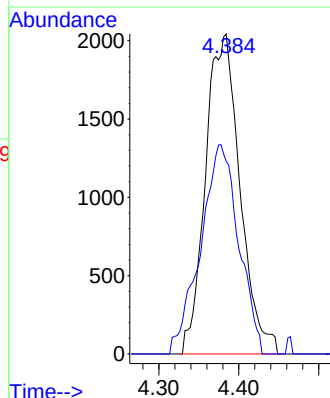
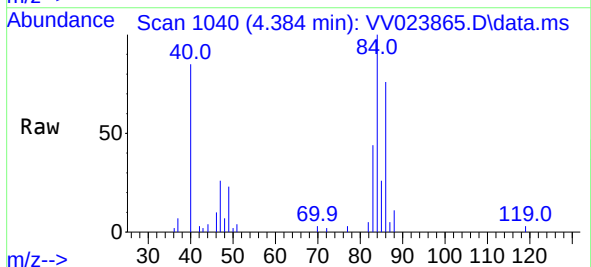
Instrument :
MSVOA_V
ClientSampleId :
C0CW2

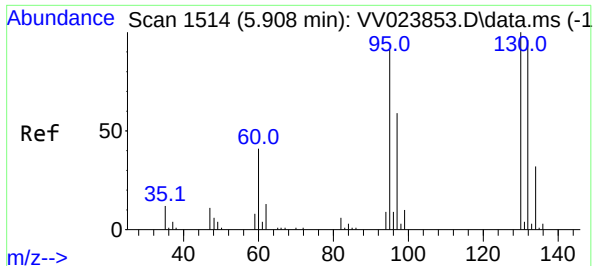
Tgt Ion: 96 Resp: 7186
Ion Ratio Lower Upper
96 100
61 104.5 83.4 154.8
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.424 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.013 min
Lab File: VV023865.D
Acq: 09 Dec 2021 16:42

Tgt Ion: 83 Resp: 6120
Ion Ratio Lower Upper
83 100
85 60.3 45.2 84.0





#34

Trichloroethene

Concen: 0.549 ug/L

RT: 5.921 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV023865.D

Acq: 09 Dec 2021 16:42

Instrument :

MSVOA_V

ClientSampleId :

C0CW2

Tgt Ion: 95 Resp: 4160

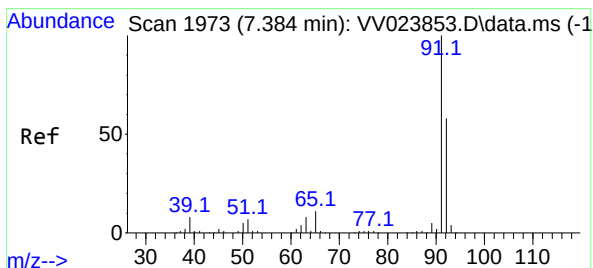
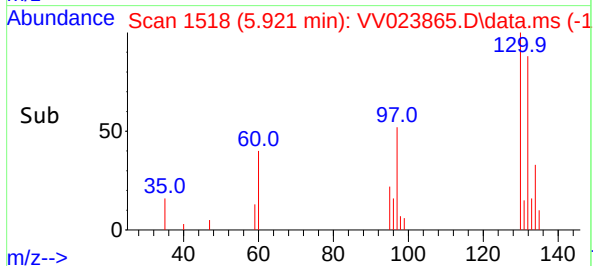
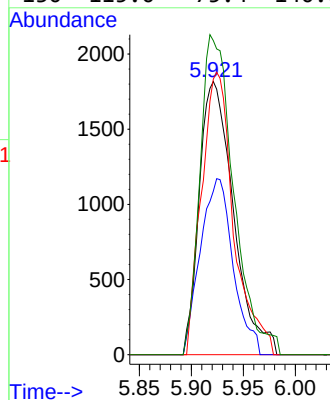
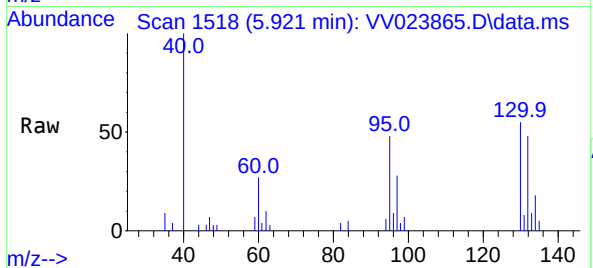
Ion Ratio Lower Upper

95 100

97 59.9 45.2 84.0

132 100.9 76.1 141.3

130 115.0 75.4 140.0



#42

Toluene

Concen: 0.067 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.013 min

Lab File: VV023865.D

Acq: 09 Dec 2021 16:42

Tgt Ion: 91 Resp: 2051

Ion Ratio Lower Upper

91 100

92 55.2 41.5 77.1

