

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122921\
 Data File : VU046636.D
 Acq On : 29 Dec 2021 19:01
 Operator : SY/MD
 Sample : M5193-08RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J08RE

Quant Time: Dec 30 04:23:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 30 04:21:35 2021
 Response via : Initial Calibration

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

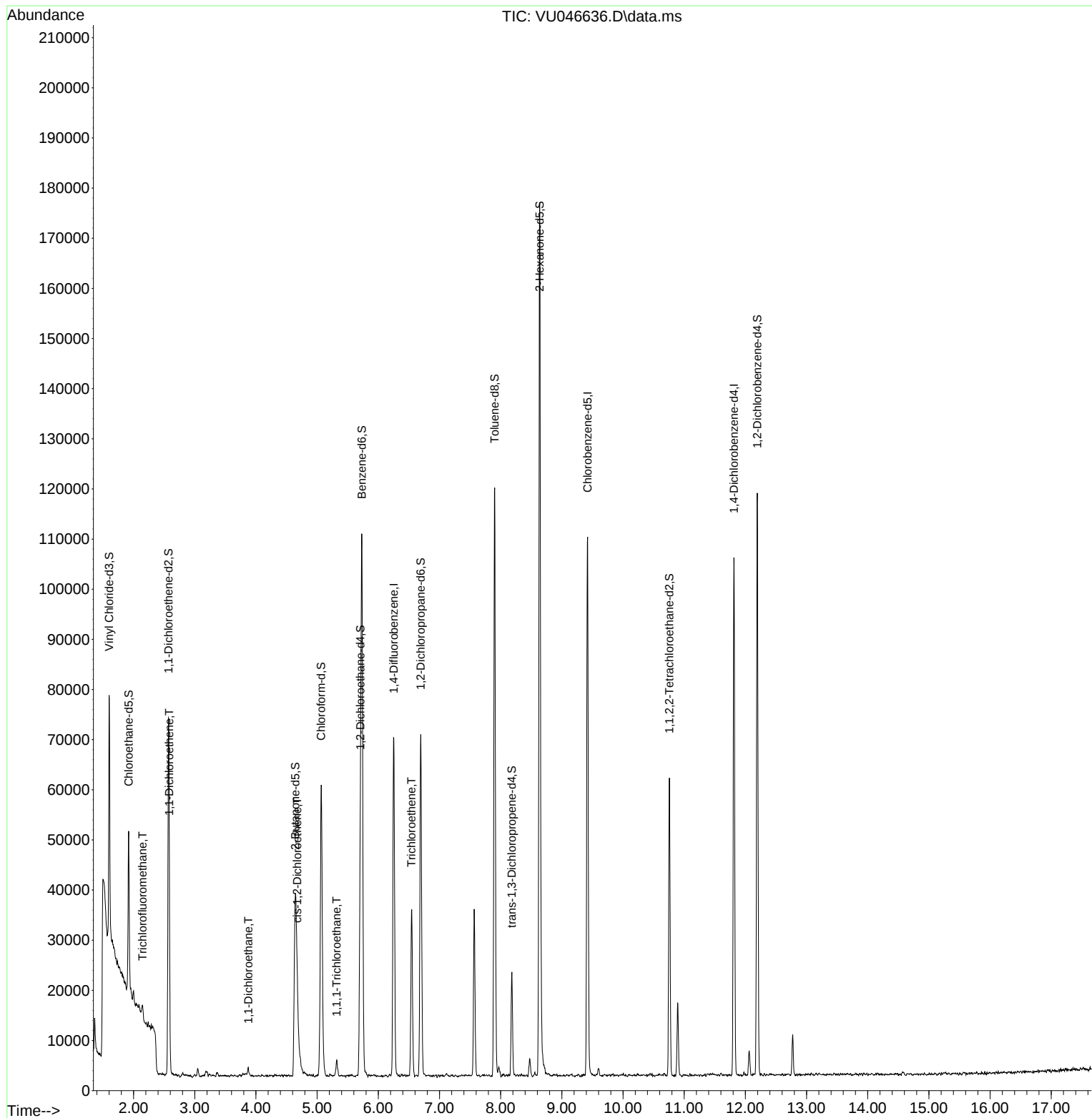
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	55217	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	60219	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	27714	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33224	7.639	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	152.800%#	
7) Chloroethane-d5	1.919	69	23473	6.854	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	137.000%#	
11) 1,1-Dichloroethene-d2	2.572	65	13008	7.093	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	141.800%#	
20) 2-Butanone-d5	4.645	46	75709	60.011	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.020%	
24) Chloroform-d	5.067	84	53715	6.740	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	134.800%#	
26) 1,2-Dichloroethane-d4	5.707	65	30319	6.655	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	133.000%#	
32) Benzene-d6	5.732	84	99869	5.949	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	119.000%	
36) 1,2-Dichloropropane-d6	6.694	67	31845	6.313	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	126.200%	
41) Toluene-d8	7.903	98	79220	5.200	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
43) trans-1,3-Dichloroprop...	8.182	79	12217	5.237	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	104.800%	
46) 2-Hexanone-d5	8.636	63	61800	45.119	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.240%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	28700	5.544	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	110.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	29734	5.824	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	116.400%	
Target Compounds						
9) Trichlorofluoromethane	2.144	101	1064	0.114	ug/L	95
12) 1,1-Dichloroethene	2.584	96	2329	0.479	ug/L #	1
19) 1,1-Dichloroethane	3.877	63	2091	0.219	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	2024	0.357	ug/L	91
29) 1,1,1-Trichloroethane	5.317	97	2289	0.230	ug/L	97
34) Trichloroethene	6.543	95	11696	1.854	ug/L	97

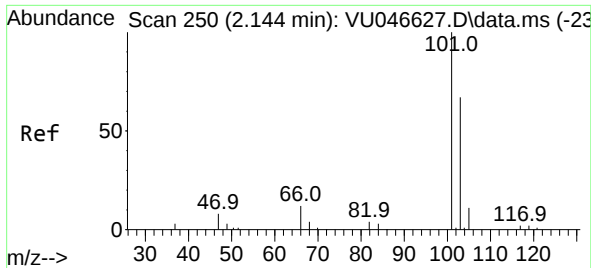
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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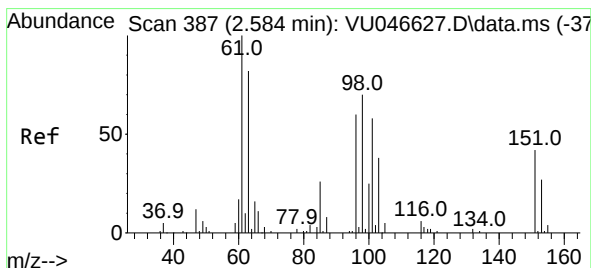
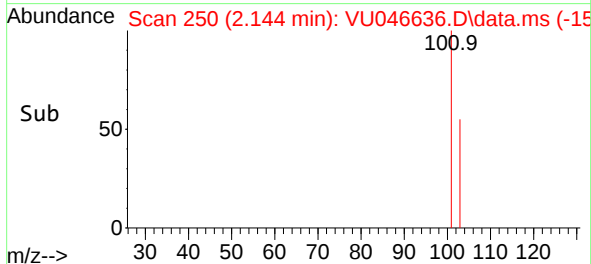
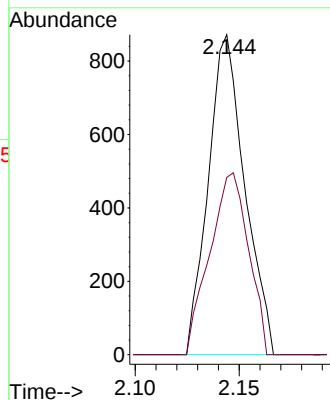
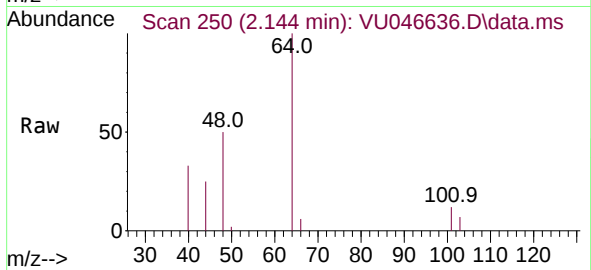




#9
 Trichlorofluoromethane
 Concen: 0.114 ug/L
 RT: 2.144 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU046636.D
 Acq: 29 Dec 2021 19:01

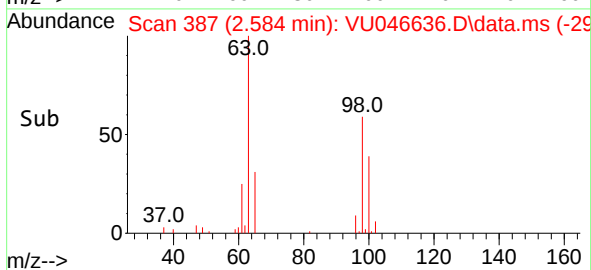
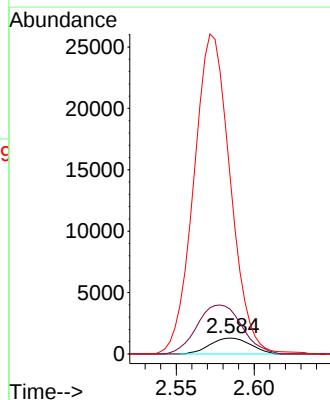
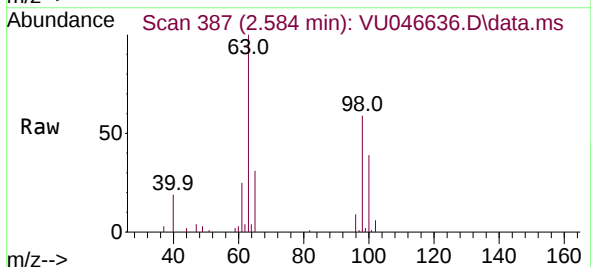
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J08RE

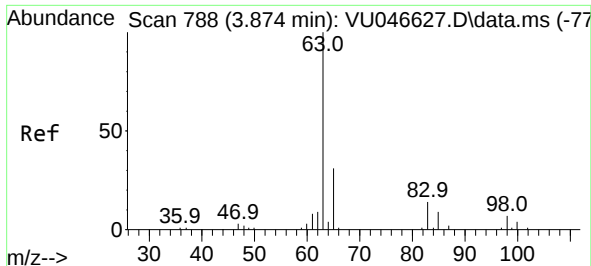
Tgt Ion:101 Resp: 1064
 Ion Ratio Lower Upper
 101 100
 103 60.4 51.5 77.3



#12
 1,1-Dichloroethene
 Concen: 0.479 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU046636.D
 Acq: 29 Dec 2021 19:01

Tgt Ion: 96 Resp: 2329
 Ion Ratio Lower Upper
 96 100
 61 283.2 124.7 231.5#
 63 1120.7 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.219 ug/L

RT: 3.877 min Scan# 7

Delta R.T. 0.003 min

Lab File: VU046636.D

Acq: 29 Dec 2021 19:01

Instrument :

MSVOA_U

ClientSampleId :

C0J08RE

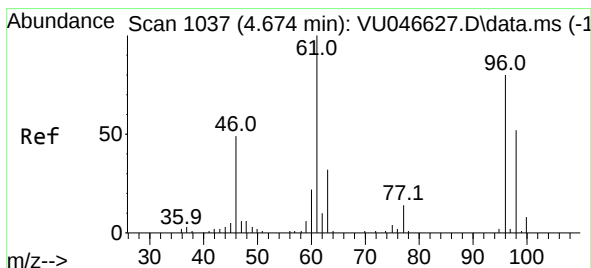
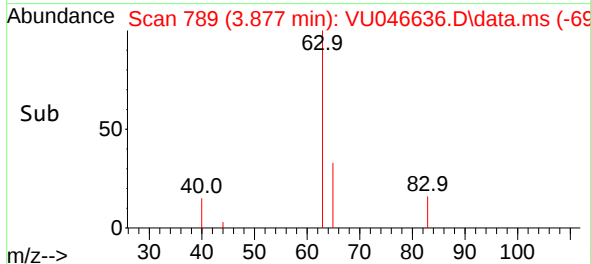
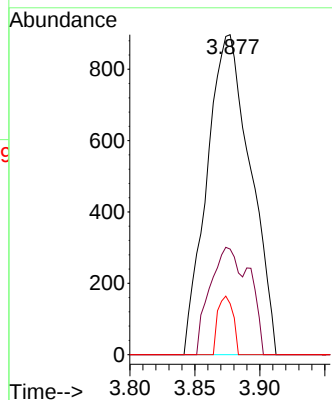
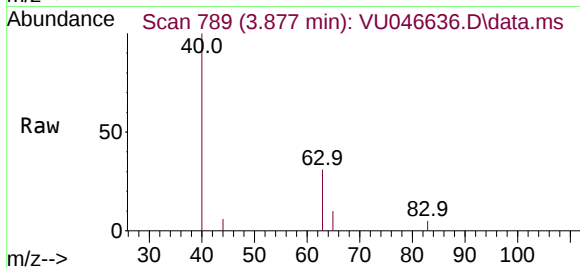
Tgt Ion: 63 Resp: 2091

Ion Ratio Lower Upper

63 100

65 33.0 22.3 41.5

83 15.9 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 0.357 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VU046636.D

Acq: 29 Dec 2021 19:01

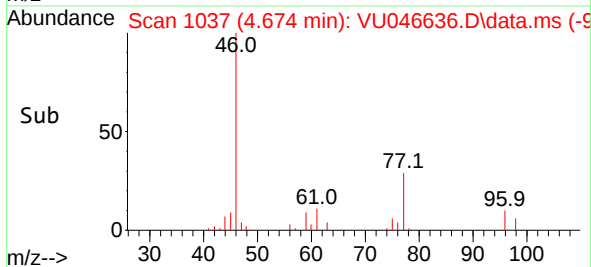
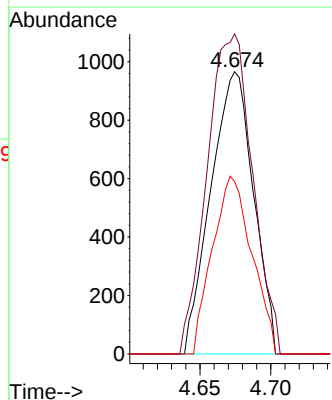
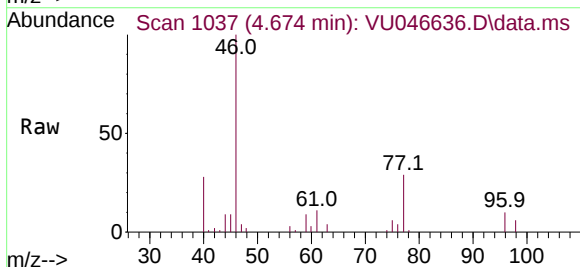
Tgt Ion: 96 Resp: 2024

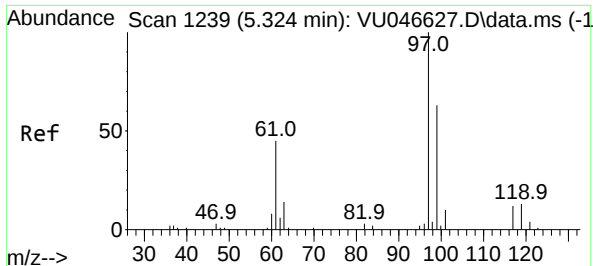
Ion Ratio Lower Upper

96 100

61 113.4 88.5 164.3

98 61.1 44.4 82.5

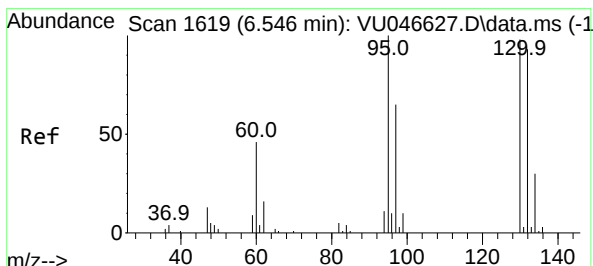
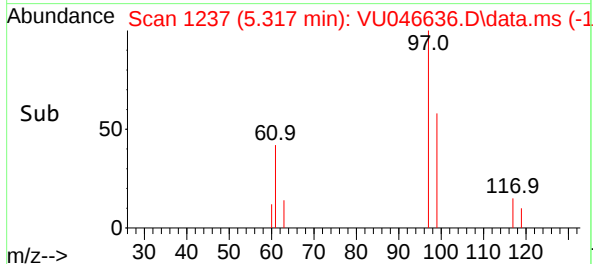
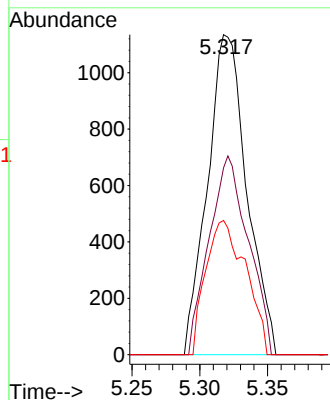
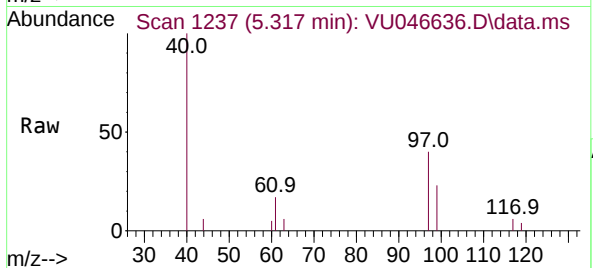




#29
1,1,1-Trichloroethane
Concen: 0.230 ug/L
RT: 5.317 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU046636.D
Acq: 29 Dec 2021 19:01

Instrument :
MSVOA_U
ClientSampleId :
C0J08RE

Tgt Ion: 97	Resp: 2289
Ion Ratio	Lower Upper
97 100	
99 62.0	51.3 76.9
61 42.6	36.1 54.1



#34
Trichloroethene
Concen: 1.854 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046636.D
Acq: 29 Dec 2021 19:01

Tgt Ion: 95	Resp: 11696
Ion Ratio	Lower Upper
95 100	
97 60.7	46.5 86.5
132 94.6	65.1 120.9
130 94.2	67.3 124.9

