

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022563.D
 Acq On : 05 Oct 2021 11:25
 Operator : SY/MD
 Sample : M3967-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG0S8

Quant Time: Oct 06 05:26:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 05:22:36 2021
 Response via : Initial Calibration

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

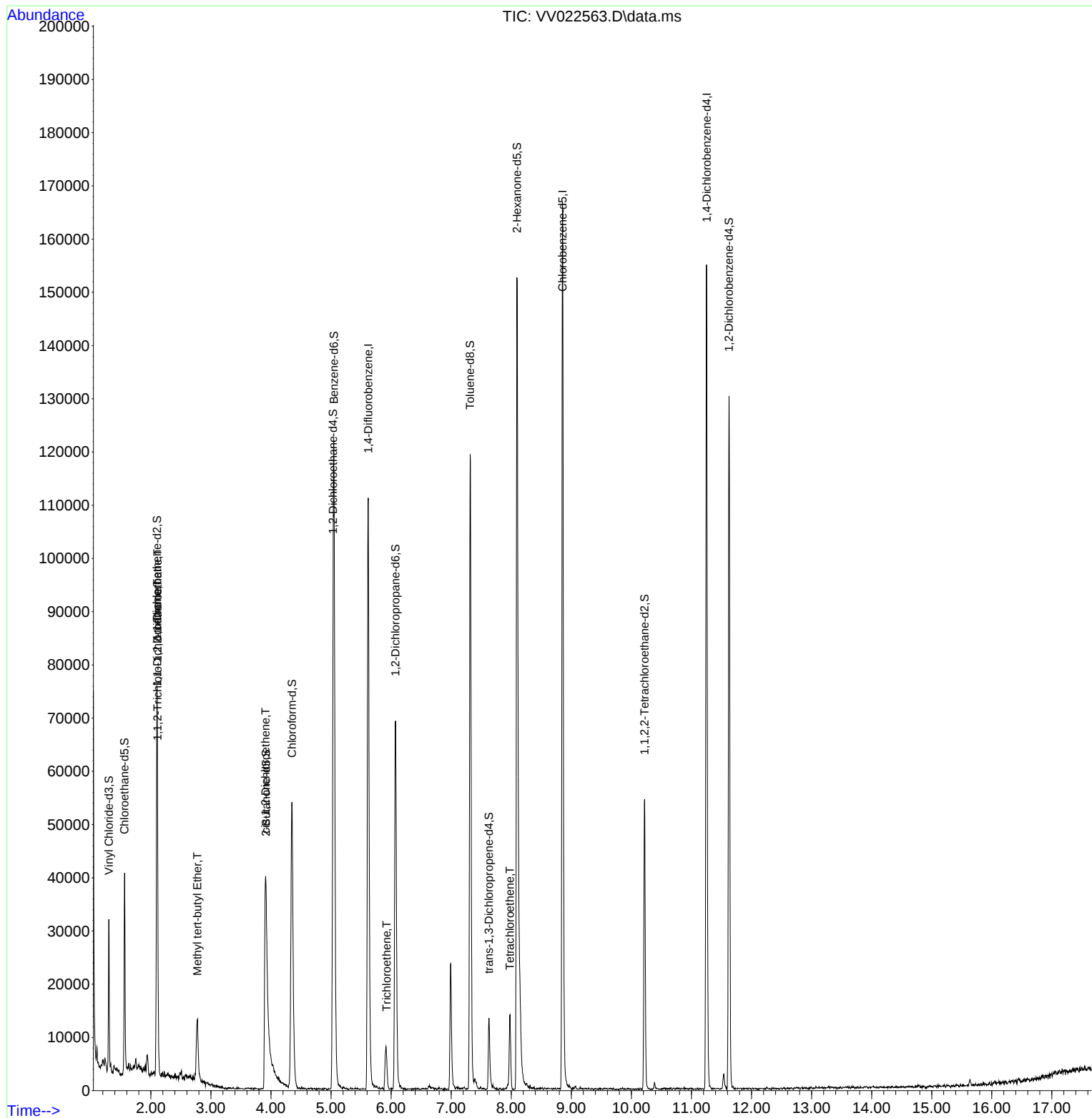
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	100185	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	96789	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	43738	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	15221	4.742	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.561	69	23004	5.317	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.400%
11) 1,1-Dichloroethene-d2	2.102	63	30577	3.283	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.915	46	76492	40.313	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.620%
24) Chloroform-d	4.349	84	55655	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.034	65	28871	4.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.047	84	103952	4.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.072	67	34332	4.461	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.317	98	80585	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.629	79	8373	4.112	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.095	63	53492	42.423	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.840%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	26233	4.487	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	35006	5.174	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	6053	0.913	ug/L	94
12) 1,1-Dichloroethene	2.108	96	1652	0.269	ug/L	# 1
17) Methyl tert-butyl Ether	2.773	73	11305	0.725	ug/L	98
22) cis-1,2-Dichloroethene	3.909	96	3949	0.544	ug/L	84
34) Trichloroethene	5.925	95	1963	0.259	ug/L	89
47) Tetrachloroethene	7.979	164	3518	0.597	ug/L	89

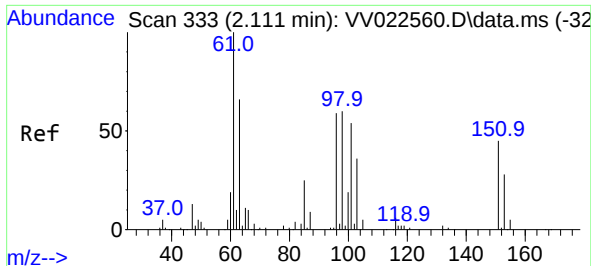
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 06 05:22:36 2021
Response via : Initial Calibration

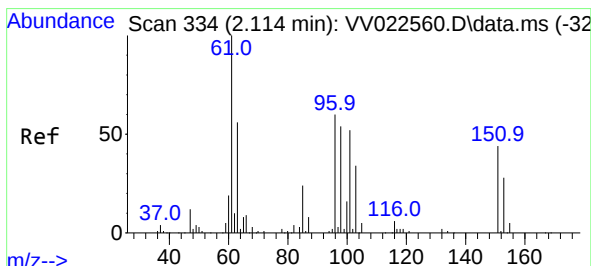
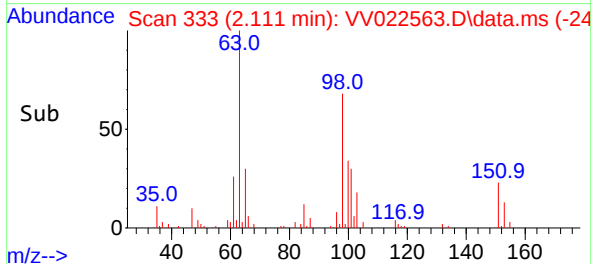
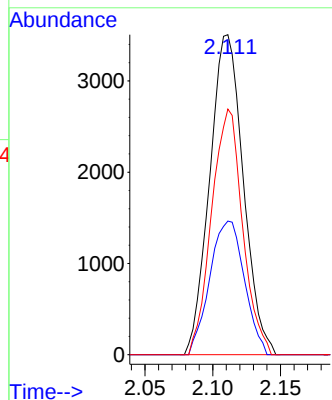
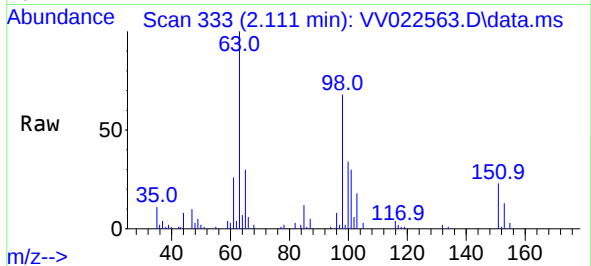




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.913 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV022563.D
Acq: 05 Oct 2021 11:25

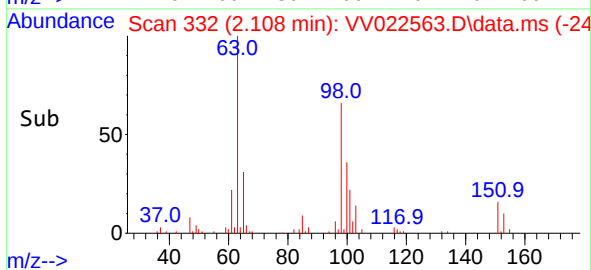
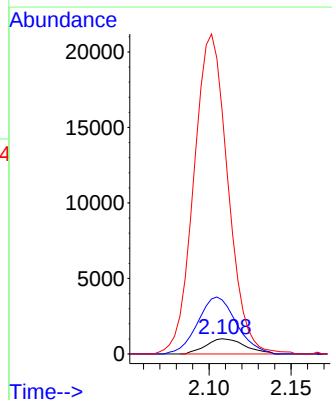
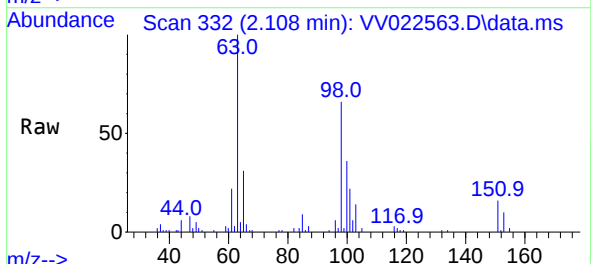
Instrument :
MSVOA_V
ClientSampleId :
BG0S8

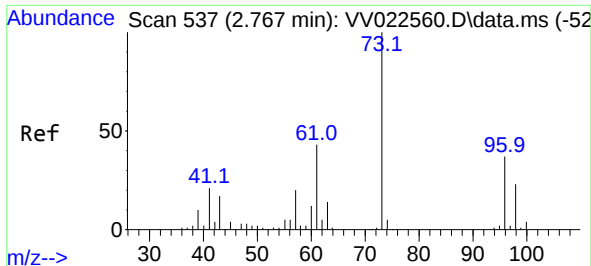
Tgt Ion:101 Resp: 6053
Ion Ratio Lower Upper
101 100
85 42.9 35.8 53.6
151 70.9 61.9 92.9



#12
1,1-Dichloroethene
Concen: 0.269 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.006 min
Lab File: VV022563.D
Acq: 05 Oct 2021 11:25

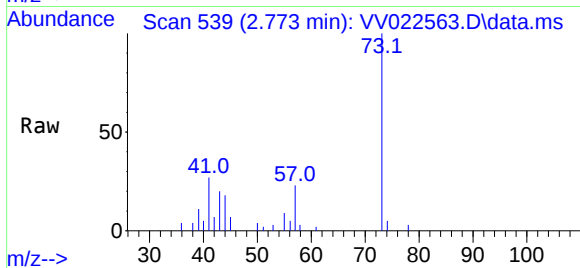
Tgt Ion: 96 Resp: 1652
Ion Ratio Lower Upper
96 100
61 353.8 113.2 210.2#
63 1590.1 66.6 123.8#



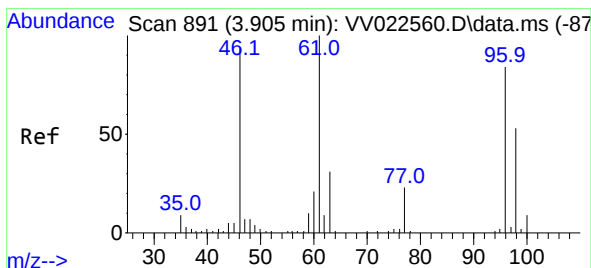
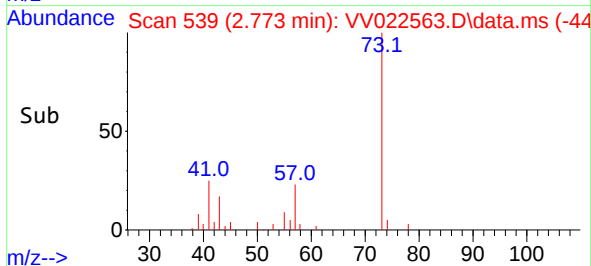
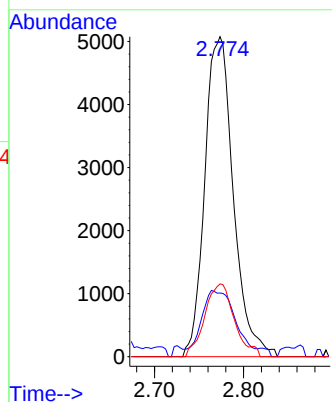


#17
Methyl tert-butyl Ether
Concen: 0.725 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV022563.D
Acq: 05 Oct 2021 11:25

Instrument :
MSVOA_V
ClientSampleId :
BG0S8

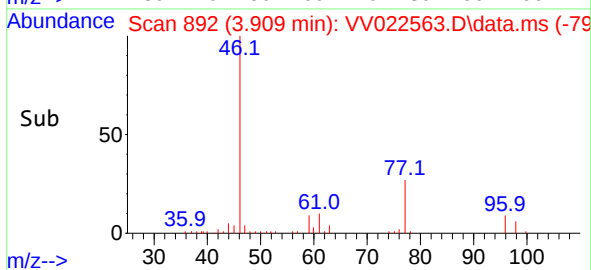
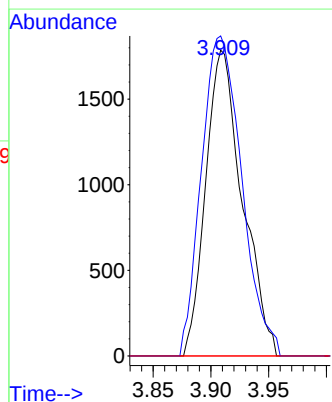
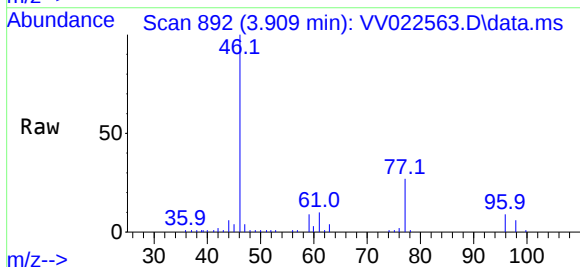


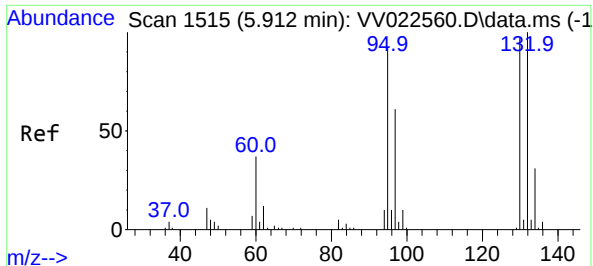
Tgt Ion: 73 Resp: 11305
Ion Ratio Lower Upper
73 100
43 20.5 16.3 24.5
57 23.5 17.5 26.3



#22
cis-1,2-Dichloroethene
Concen: 0.544 ug/L
RT: 3.909 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV022563.D
Acq: 05 Oct 2021 11:25

Tgt Ion: 96 Resp: 3949
Ion Ratio Lower Upper
96 100
61 104.6 85.6 159.0
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.259 ug/L

RT: 5.925 min Scan# 1519

Delta R.T. 0.013 min

Lab File: VV022563.D

Acq: 05 Oct 2021 11:25

Instrument :

MSVOA_V

ClientSampled :

BG0S8

Tgt Ion: 95 Resp: 1963

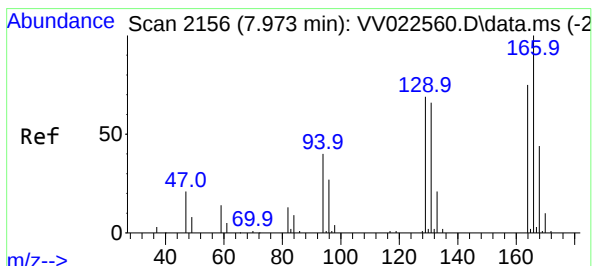
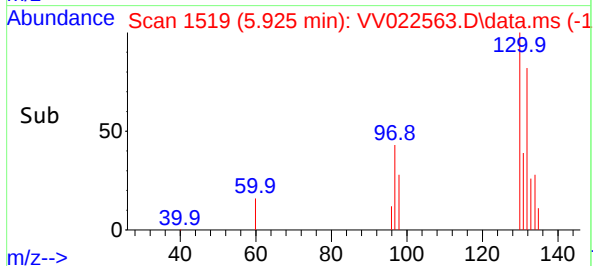
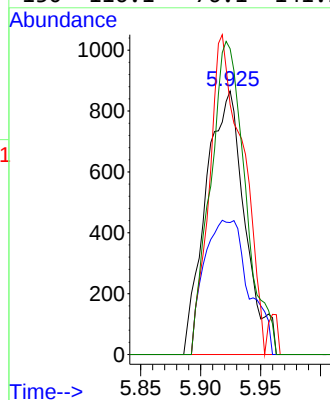
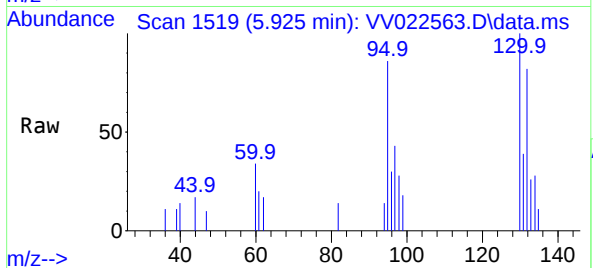
Ion Ratio Lower Upper

95 100

97 50.1 46.5 86.5

132 94.9 73.0 135.6

130 116.1 76.1 141.3



#47

Tetrachloroethene

Concen: 0.597 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV022563.D

Acq: 05 Oct 2021 11:25

Tgt Ion: 164 Resp: 3518

Ion Ratio Lower Upper

164 100

129 74.3 65.5 121.6

131 75.8 62.4 116.0

166 127.2 91.1 169.3

