

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023244.D
 Acq On : 05 Nov 2021 19:54
 Operator : SY/MD
 Sample : M4535-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4626

Quant Time: Nov 09 03:40:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 02:04:24 2021
 Response via : Initial Calibration

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

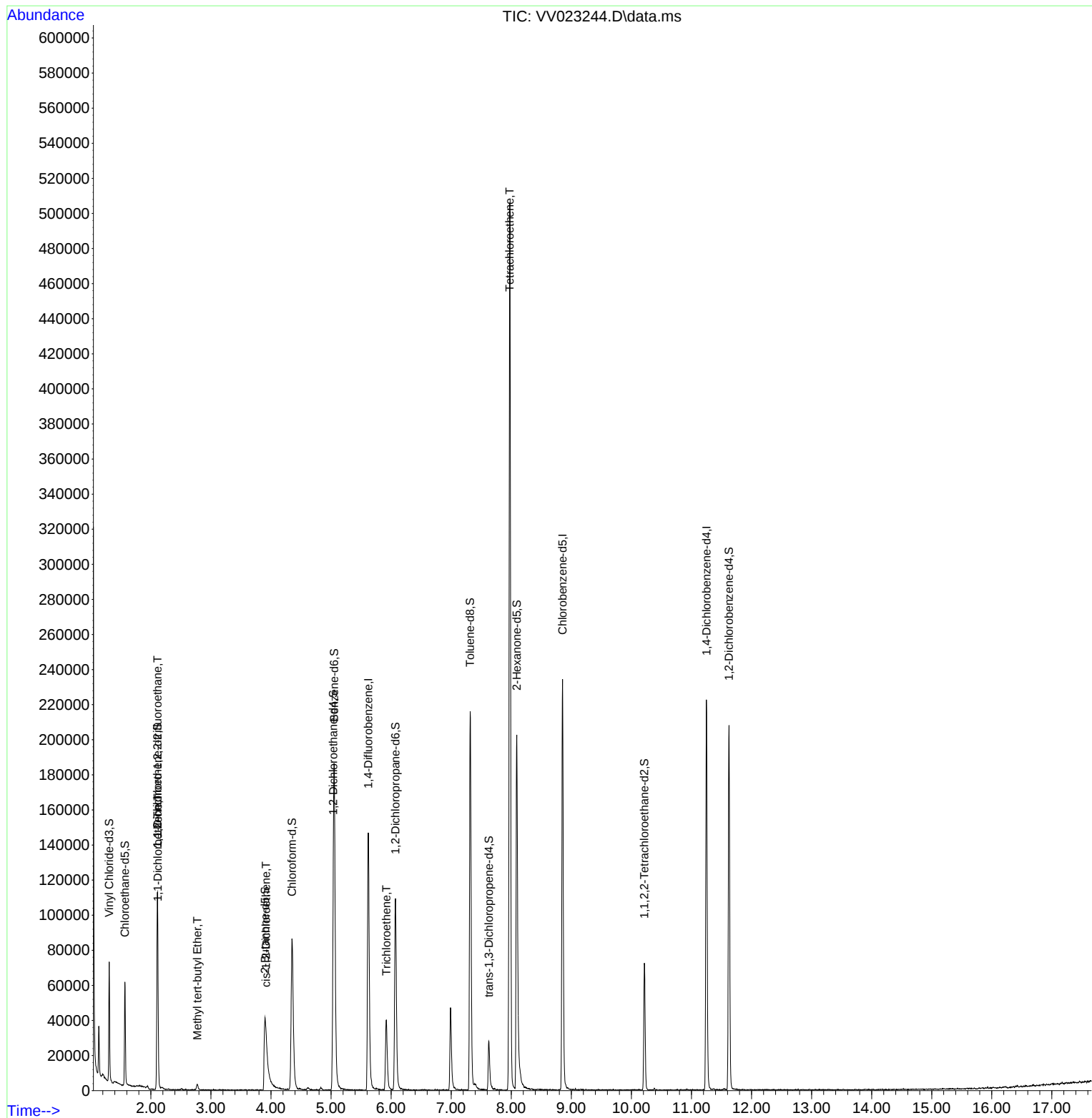
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131162	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	132097	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61575	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40276	4.902	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.000%	
7) Chloroethane-d5	1.568	69	34659	5.175	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.600%	
11) 1,1-Dichloroethene-d2	2.111	63	57532	3.740	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.800%	
20) 2-Butanone-d5	3.902	46	92918	65.638	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	131.280%#	
24) Chloroform-d	4.352	84	88571	5.058	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
26) 1,2-Dichloroethane-d4	5.037	65	41517	5.272	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	5.053	84	170487	5.030	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
36) 1,2-Dichloropropane-d6	6.072	67	52450	5.257	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.200%	
41) Toluene-d8	7.317	98	145636	4.585	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
43) trans-1,3-Dichloroprop...	7.628	79	16610	4.390	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.091	63	69025	49.589	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.180%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34853	4.858	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	54513	5.317	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.400%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1142	0.139	ug/L #	58
12) 1,1-Dichloroethene	2.117	96	1600	0.205	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	2591	0.150	ug/L	96
22) cis-1,2-Dichloroethene	3.918	96	1370	0.148	ug/L #	86
34) Trichloroethene	5.921	95	13907	1.416	ug/L	97
47) Tetrachloroethene	7.976	164	112696	13.244	ug/L	99

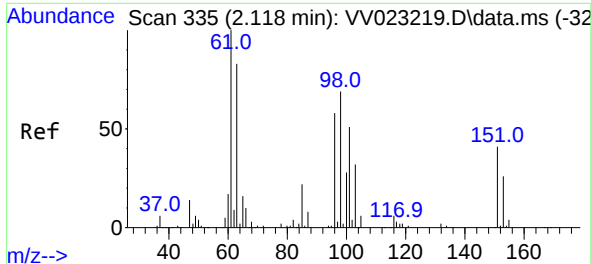
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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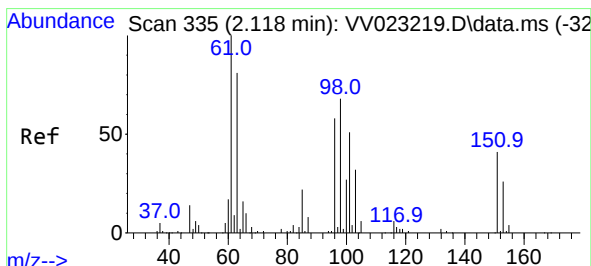
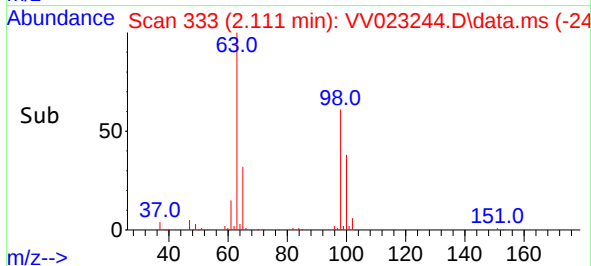
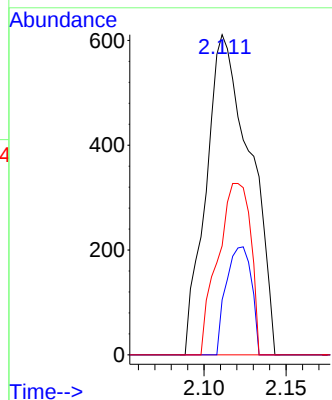
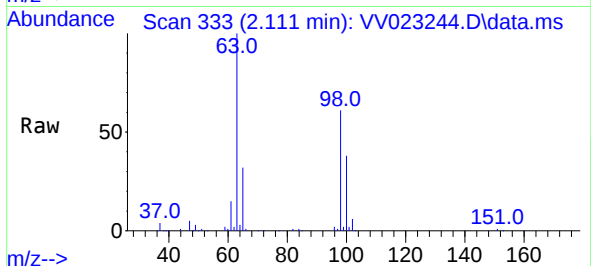




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.139 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.007 min
Lab File: VV023244.D
Acq: 05 Nov 2021 19:54

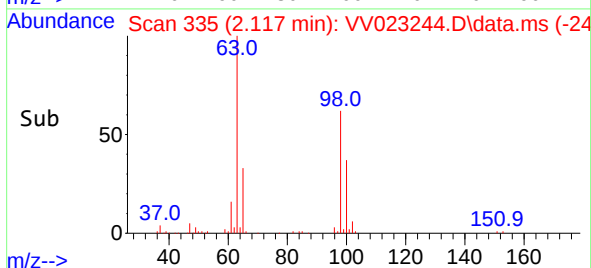
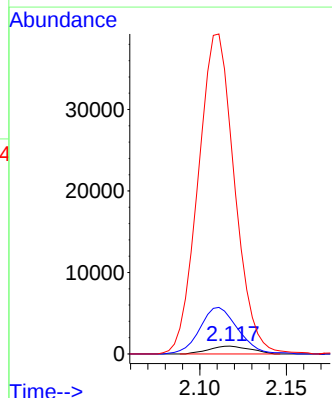
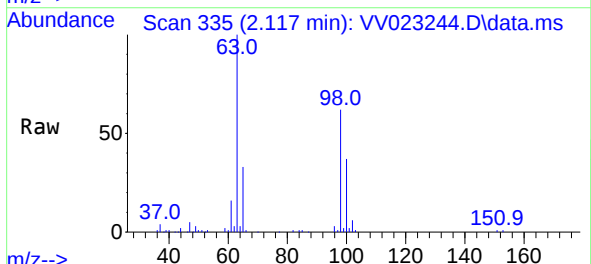
Instrument :
MSVOA_V
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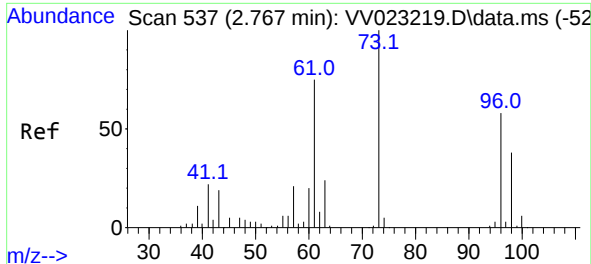
Tgt Ion:101 Resp: 1142
Ion Ratio Lower Upper
101 100
85 19.3 35.3 52.9#
151 39.7 62.2 93.2#



#12
1,1-Dichloroethene
Concen: 0.205 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV023244.D
Acq: 05 Nov 2021 19:54

Tgt Ion: 96 Resp: 1600
Ion Ratio Lower Upper
96 100
61 460.4 121.5 225.7#
63 2873.8 99.6 185.0#





#17

Methyl tert-butyl Ether

Concen: 0.150 ug/L

RT: 2.773 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV023244.D

Acq: 05 Nov 2021 19:54

Instrument :

MSVOA_V

ClientSampleId :

H4626

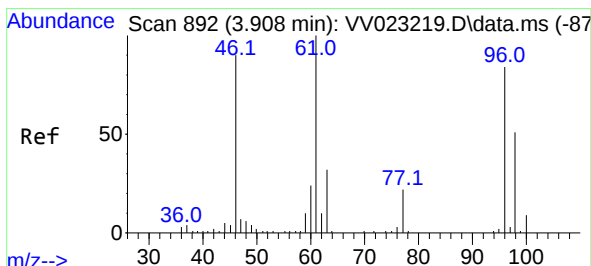
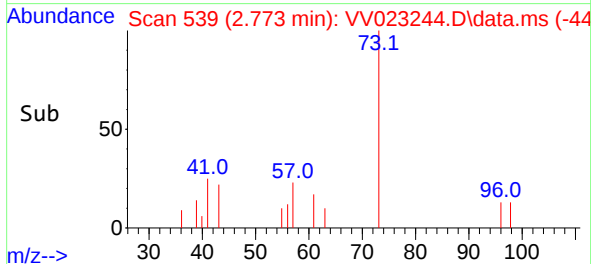
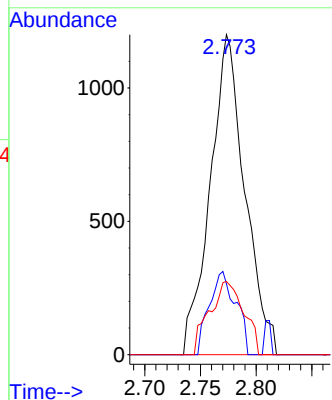
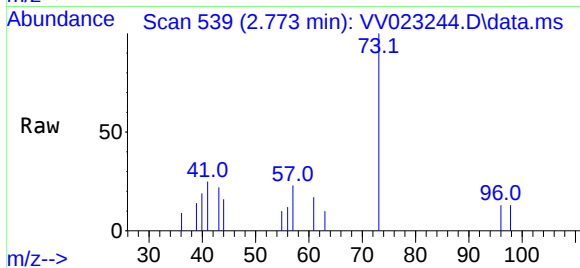
Tgt Ion: 73 Resp: 2591

Ion Ratio Lower Upper

73 100

43 20.0 17.4 26.0

57 22.7 16.5 24.7



#22

cis-1,2-Dichloroethene

Concen: 0.148 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.010 min

Lab File: VV023244.D

Acq: 05 Nov 2021 19:54

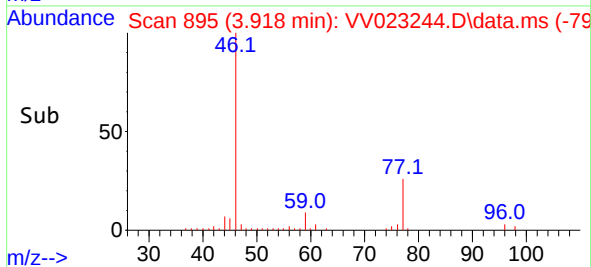
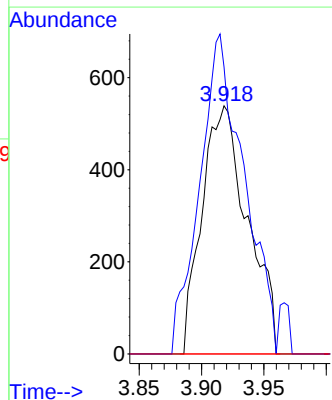
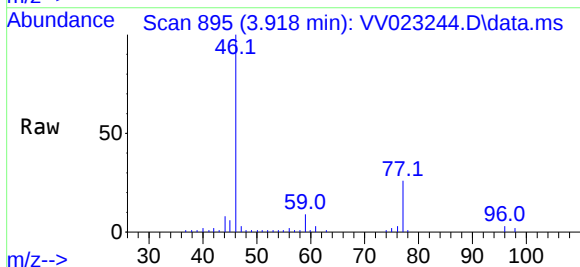
Tgt Ion: 96 Resp: 1370

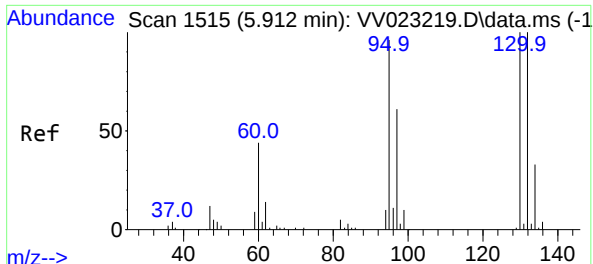
Ion Ratio Lower Upper

96 100

61 115.6 92.3 171.3

68 0.0 0.4 0.8#



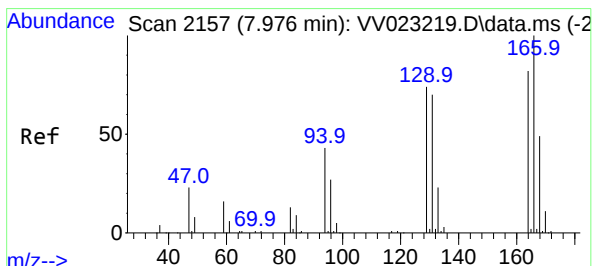
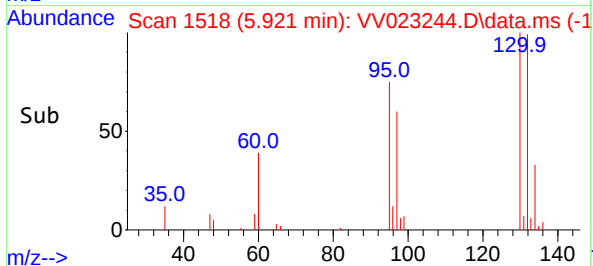
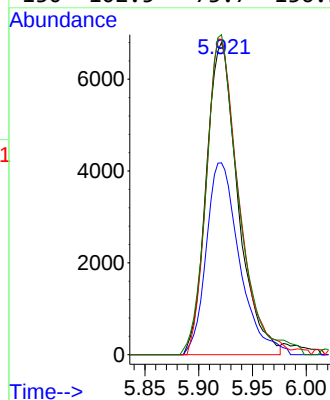
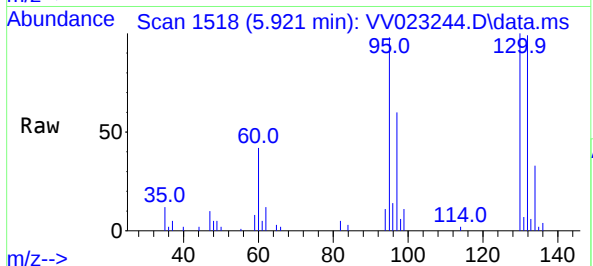


#34
Trichloroethene
Concen: 1.416 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV023244.D
Acq: 05 Nov 2021 19:54

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Tgt Ion: 95 Resp: 13907

Ion	Ratio	Lower	Upper
95	100		
97	61.4	45.0	83.6
132	101.0	69.7	129.4
130	102.5	73.7	136.9



#47
Tetrachloroethene
Concen: 13.244 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023244.D
Acq: 05 Nov 2021 19:54

Tgt Ion: 164 Resp: 112696

Ion	Ratio	Lower	Upper
164	100		
129	93.9	64.0	119.0
131	90.0	63.4	117.8
166	127.5	89.3	165.9

