

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023354.D
 Acq On : 11 Nov 2021 00:36
 Operator : SY/MD
 Sample : M4558-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB875

Quant Time: Nov 11 03:55:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 03:34:54 2021
 Response via : Initial Calibration

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

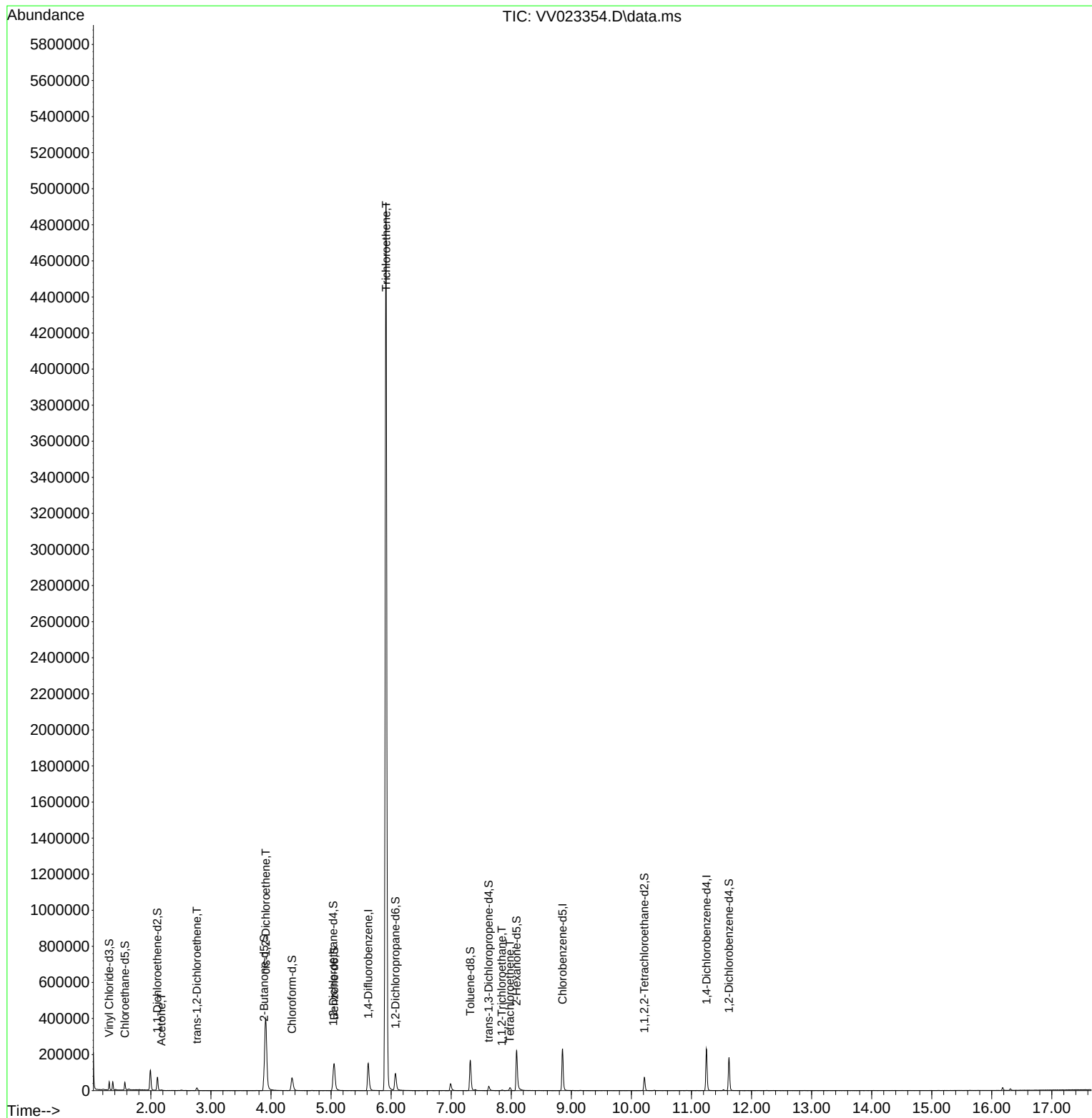
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132106	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128458	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62246	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	24665	2.980	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	59.600%	
7) Chloroethane-d5	1.568	69	24285	3.600	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	72.000%	
11) 1,1-Dichloroethene-d2	2.108	63	37274	2.406	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	48.200%#	
20) 2-Butanone-d5	3.886	46	99515	69.796	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	139.600%#	
24) Chloroform-d	4.352	84	72533	4.112	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.200%	
26) 1,2-Dichloroethane-d4	5.037	65	36459	4.597	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
32) Benzene-d6	5.053	84	132388	4.017	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.400%	
36) 1,2-Dichloropropane-d6	6.072	67	44803	4.618	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.400%	
41) Toluene-d8	7.317	98	111549	3.612	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.200%	
43) trans-1,3-Dichloroprop...	7.625	79	13315	3.619	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.400%	
46) 2-Hexanone-d5	8.088	63	72815	53.793	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.580%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34061	4.882	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	48264	4.657	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.200%	
Target Compounds						
					Qvalue	
13) Acetone	2.175	43	3978	4.566	ug/L	94
18) trans-1,2-Dichloroethene	2.767	96	5401	0.558	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	214476	23.012	ug/L #	90
34) Trichloroethene	5.915	95	1616440	169.297	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	1037	0.172	ug/L #	90
47) Tetrachloroethene	7.979	164	3912	0.473	ug/L	96

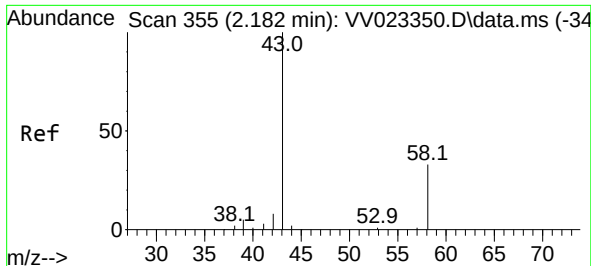
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#13

Acetone

Concen: 4.566 ug/L

RT: 2.175 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV023354.D

Acq: 11 Nov 2021 00:36

Instrument :

MSVOA_V

ClientSampleId :

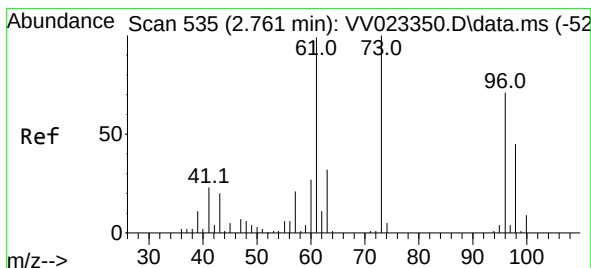
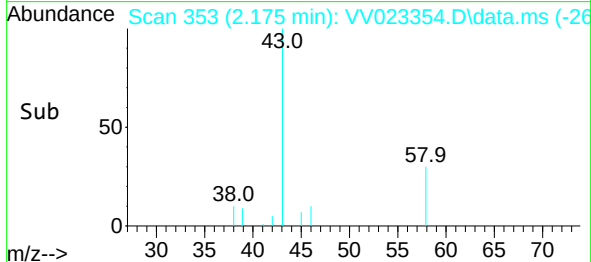
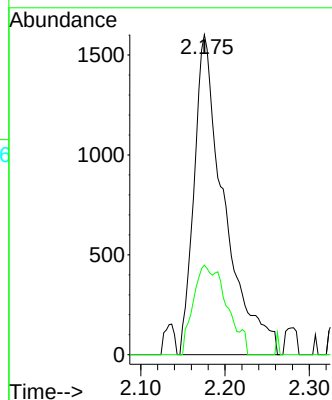
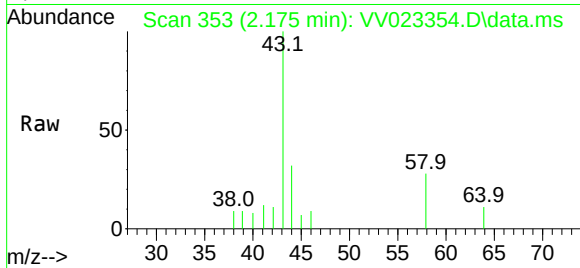
GB875

Tgt Ion: 43 Resp: 3978

Ion Ratio Lower Upper

43 100

58 31.0 0.0 55.4



#18

trans-1,2-Dichloroethene

Concen: 0.558 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.006 min

Lab File: VV023354.D

Acq: 11 Nov 2021 00:36

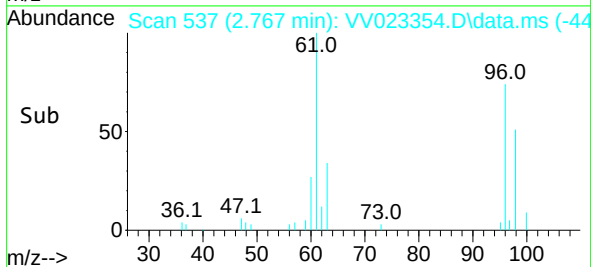
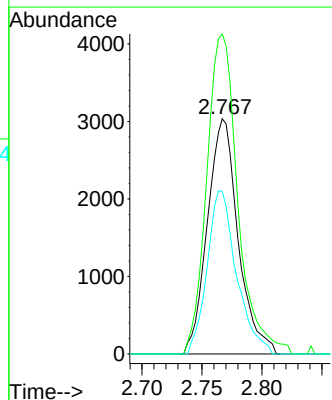
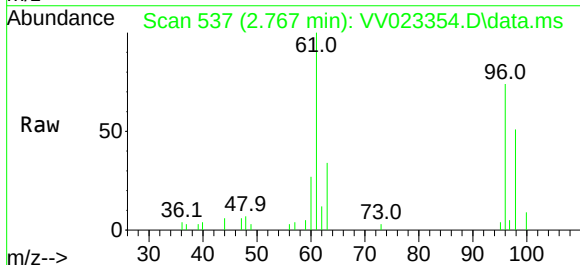
Tgt Ion: 96 Resp: 5401

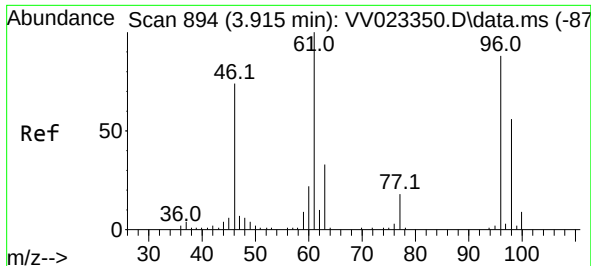
Ion Ratio Lower Upper

96 100

61 136.0 93.2 173.2

98 69.1 47.0 87.2

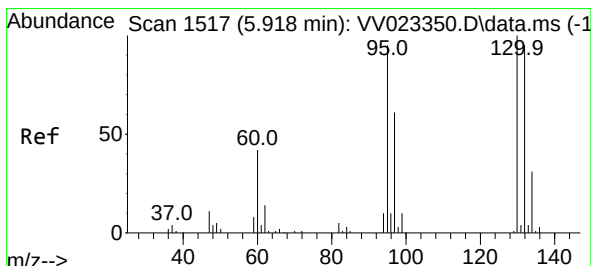
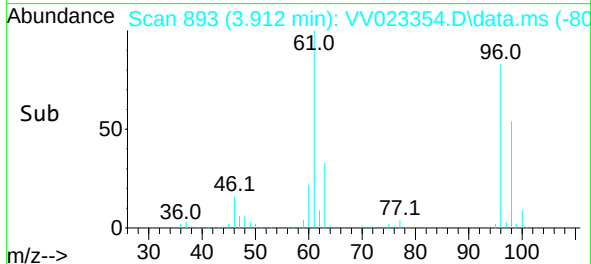
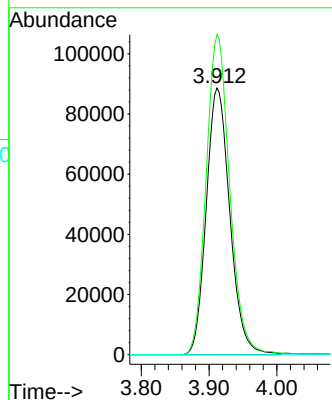
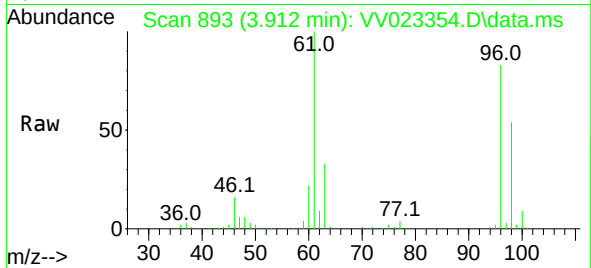




#22
 cis-1,2-Dichloroethene
 Concen: 23.012 ug/L
 RT: 3.912 min Scan# 89
 Delta R.T. -0.003 min
 Lab File: VV023354.D
 Acq: 11 Nov 2021 00:36

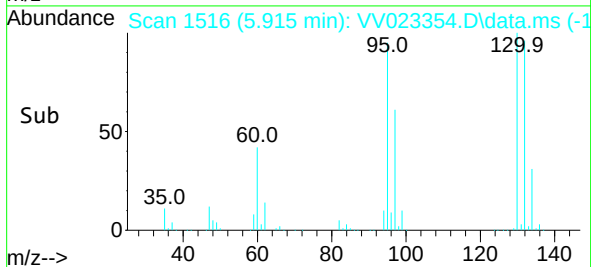
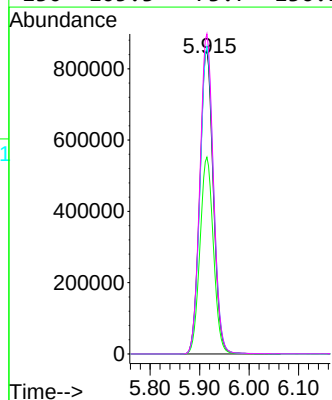
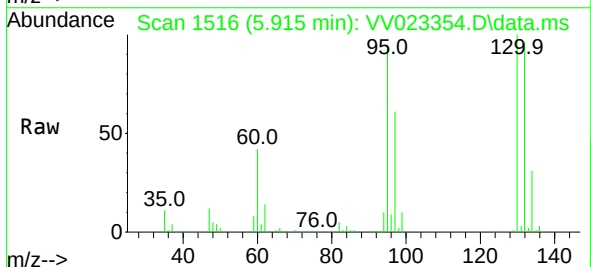
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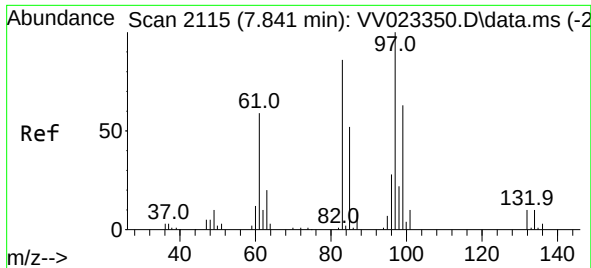
Tgt Ion: 96 Resp: 214476
 Ion Ratio Lower Upper
 96 100
 61 120.0 92.3 171.3
 68 0.0 0.4 0.8#



#34
 Trichloroethene
 Concen: 169.297 ug/L
 RT: 5.915 min Scan# 1516
 Delta R.T. -0.003 min
 Lab File: VV023354.D
 Acq: 11 Nov 2021 00:36

Tgt Ion: 95 Resp: 1616440
 Ion Ratio Lower Upper
 95 100
 97 64.7 45.0 83.6
 132 101.2 69.7 129.4
 130 105.3 73.7 136.9



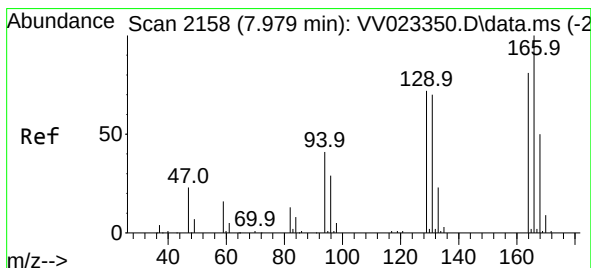
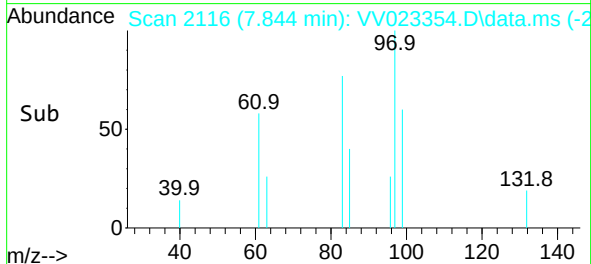
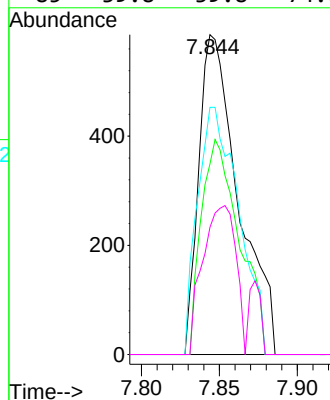
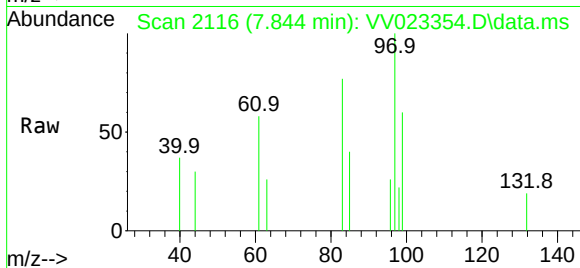


#45
1,1,2-Trichloroethane
Concen: 0.172 ug/L
RT: 7.844 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV023354.D
Acq: 11 Nov 2021 00:36

Instrument :
MSVOA_V
ClientSampleId :
GB875

Tgt Ion: 97 Resp: 1037

Ion	Ratio	Lower	Upper
97	100		
99	59.6	43.6	81.0
83	77.3	58.4	108.4
85	39.8	39.8	74.0



#47
Tetrachloroethene
Concen: 0.473 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV023354.D
Acq: 11 Nov 2021 00:36

Tgt Ion: 164 Resp: 3912

Ion	Ratio	Lower	Upper
164	100		
129	90.9	64.0	119.0
131	85.2	63.4	117.8
166	122.3	89.3	165.9

