

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041023\
 Data File : VV030472.D
 Acq On : 10 Apr 2023 16:59
 Operator : SY/MD
 Sample : 02194-15DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDx2DL

Quant Time: Apr 11 06:30:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 11 06:24:59 2023
 Response via : Initial Calibration

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

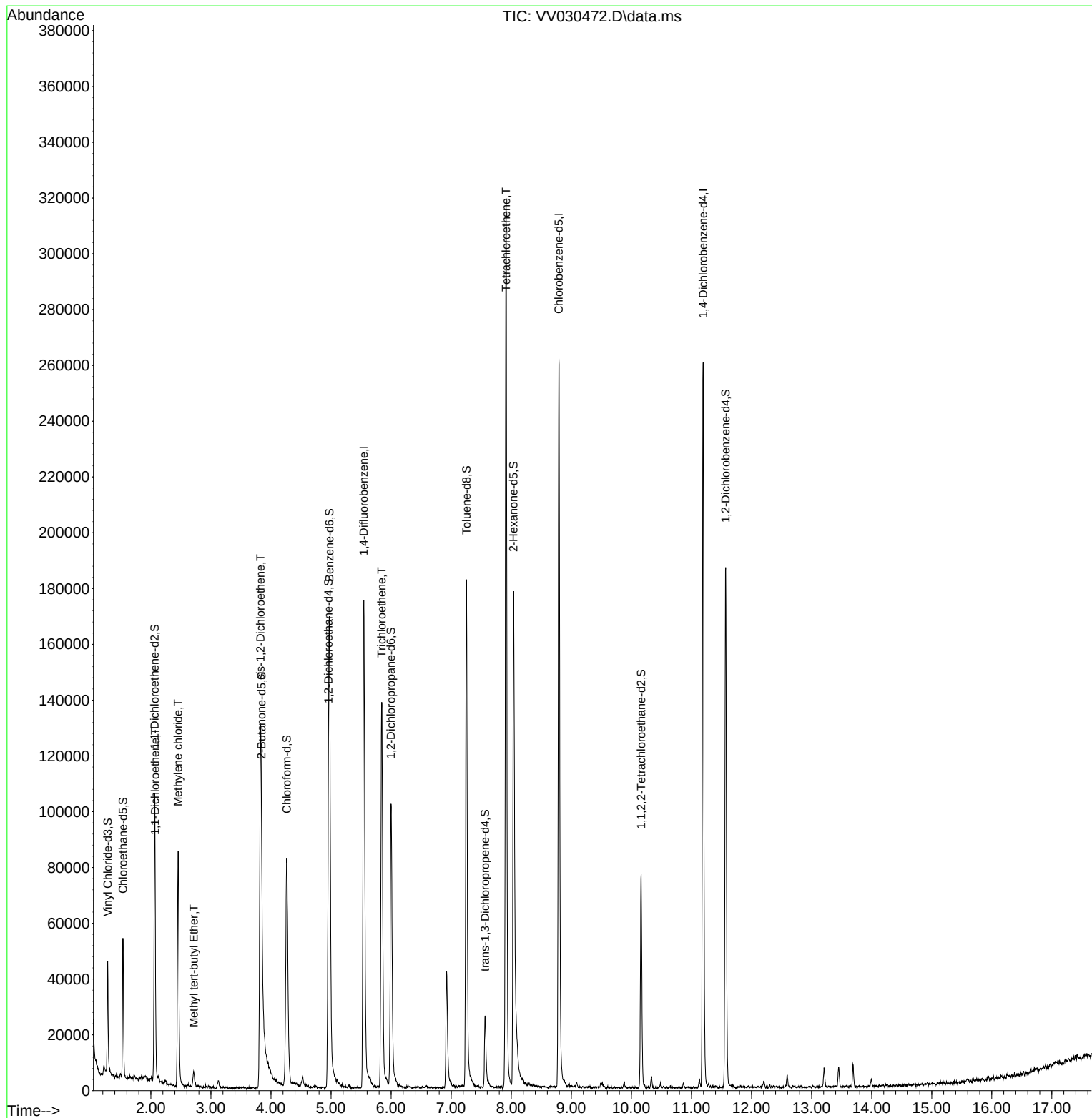
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	150562	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	145752	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	70599	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	26683	2.676	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	53.600%	
7) Chloroethane-d5	1.536	69	31077	3.211	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	64.200%#	
11) 1,1-Dichloroethene-d2	2.063	63	52099	2.202	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	44.000%#	
20) 2-Butanone-d5	3.841	46	90478	35.104	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	70.200%	
24) Chloroform-d	4.262	84	82750	3.429	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	68.600%#	
26) 1,2-Dichloroethane-d4	4.957	65	41798	3.671	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.400%	
32) Benzene-d6	4.973	84	148658	3.619	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	72.400%	
36) 1,2-Dichloropropane-d6	5.998	67	47290	3.678	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	73.600%	
41) Toluene-d8	7.252	98	124036	3.289	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.800%#	
43) trans-1,3-Dichloroprop...	7.564	79	15919	3.288	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	65.800%	
46) 2-Hexanone-d5	8.037	63	68957	35.446	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	70.900%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	35952	3.548	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	71.000%	
66) 1,2-Dichlorobenzene-d4	11.571	152	50224	3.980	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	79.600%#	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.073	96	2841	0.226	ug/L	# 1
16) Methylene chloride	2.455	84	34363	2.309	ug/L	96
17) Methyl tert-butyl Ether	2.716	73	3728	0.140	ug/L	95
22) cis-1,2-Dichloroethene	3.828	96	59660	4.485	ug/L	96
34) Trichloroethene	5.844	95	48965	3.507	ug/L	98
47) Tetrachloroethene	7.915	164	71896	5.835	ug/L	98

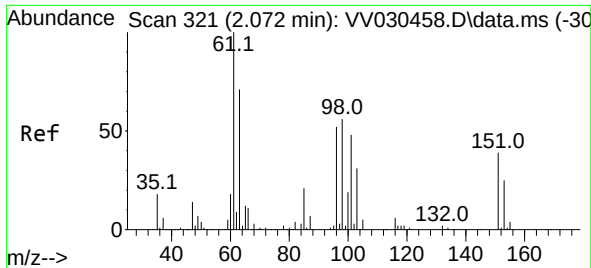
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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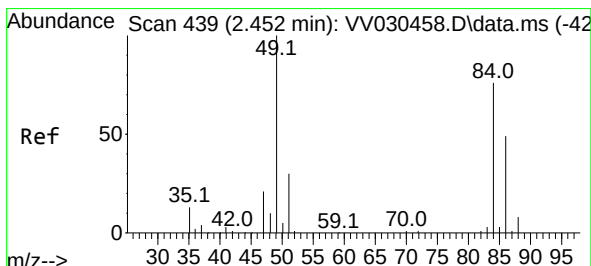
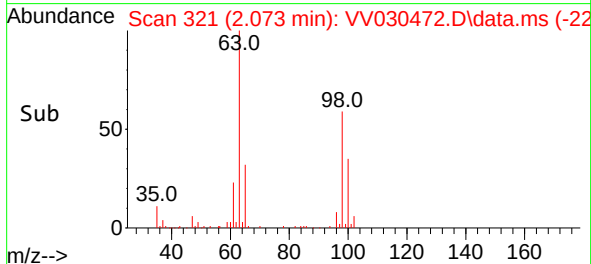
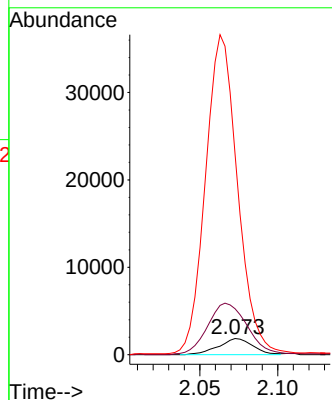
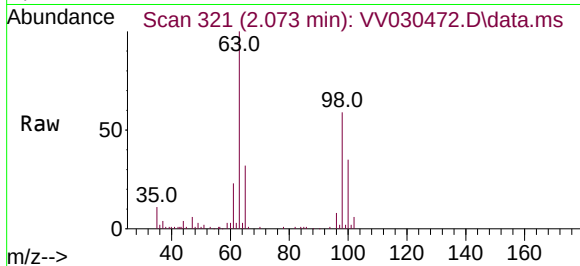




#12
1,1-Dichloroethene
Concen: 0.226 ug/L
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV030472.D
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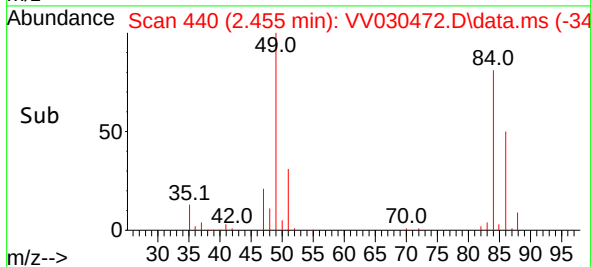
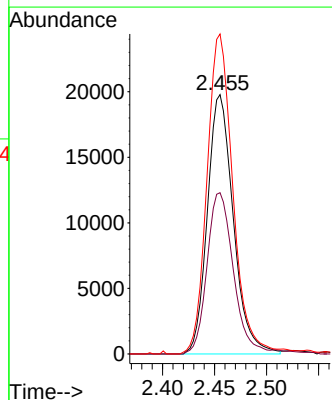
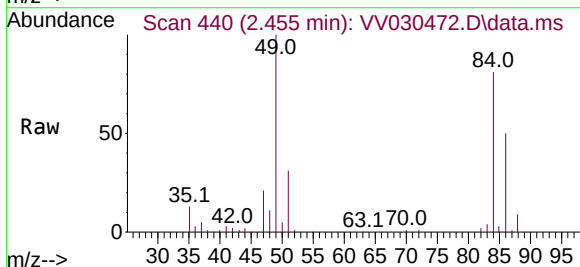
Instrument :
MSVOA_V
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BHDx2DL

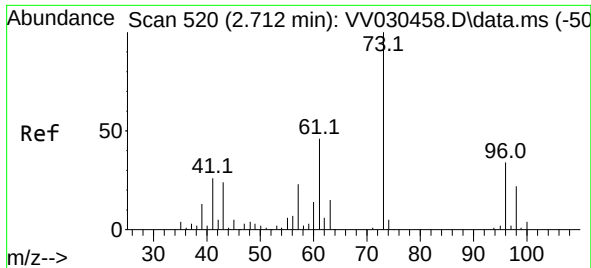
Tgt Ion: 96 Resp: 2841
Ion Ratio Lower Upper
96 100
61 283.5 136.3 253.1#
63 1238.7 92.1 171.1#



#16
Methylene chloride
Concen: 2.309 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030472.D
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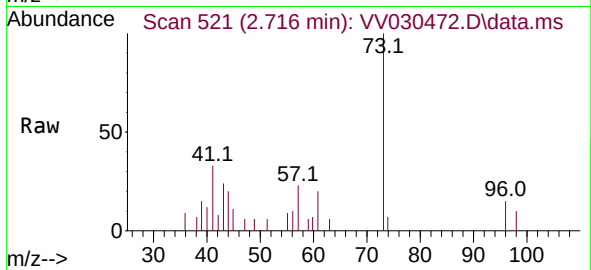
Tgt Ion: 84 Resp: 34363
Ion Ratio Lower Upper
84 100
86 62.2 44.0 81.6
49 123.4 90.6 168.3



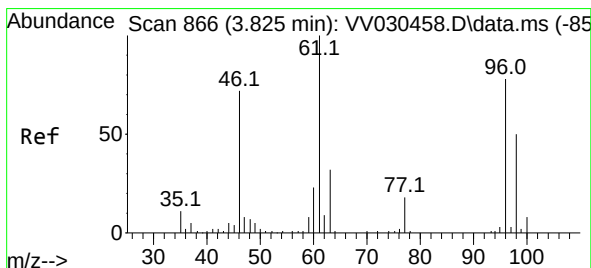
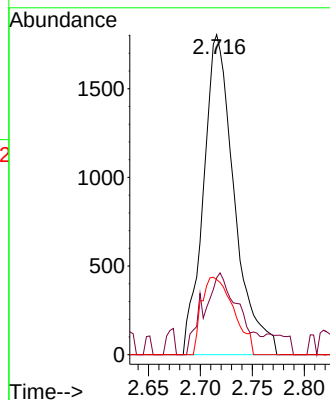
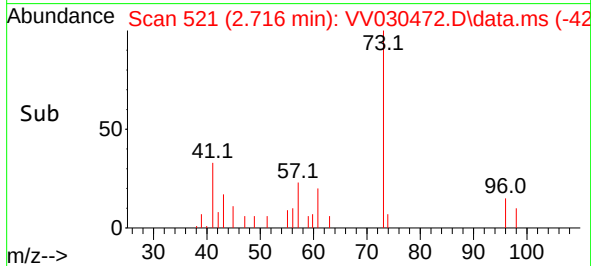


#17
Methyl tert-butyl Ether
Concen: 0.140 ug/L
RT: 2.716 min Scan# 51
Delta R.T. 0.003 min
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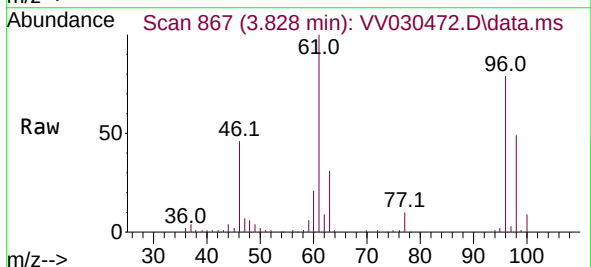
Instrument :
MSVOA_V
ClientSampleId :
BHDx2DL



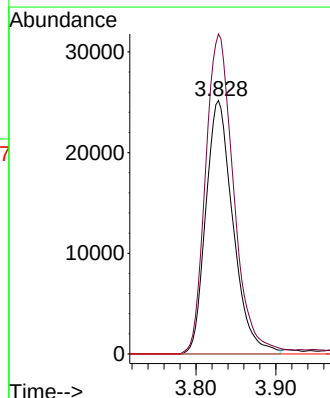
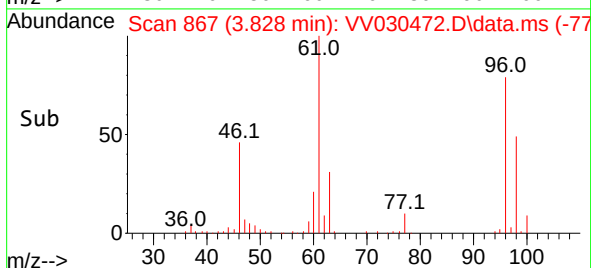
Tgt Ion: 73	Resp: 3728
Ion Ratio	Lower Upper
73 100	
43 24.8	17.4 26.2
57 25.0	18.3 27.5

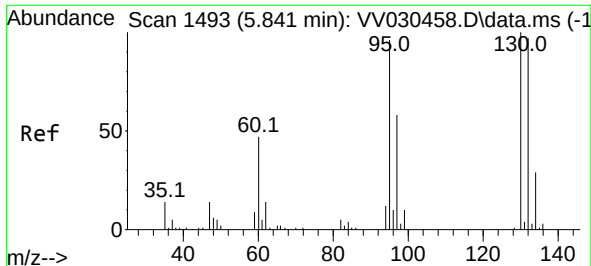


#22
cis-1,2-Dichloroethene
Concen: 4.485 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.003 min
Lab File: VV030472.D
Acq: 10 Apr 2023 16:59



Tgt Ion: 96	Resp: 59660
Ion Ratio	Lower Upper
96 100	
61 126.2	92.0 170.8
68 0.0	0.0 0.0

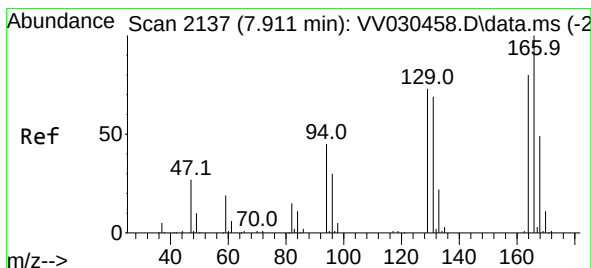
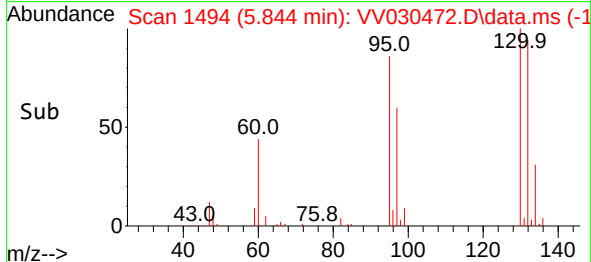
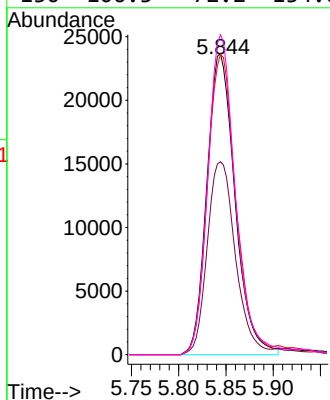
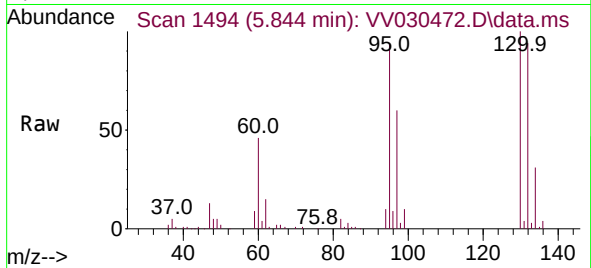




#34
 Trichloroethene
 Concen: 3.507 ug/L
 RT: 5.844 min Scan# 1493
 Delta R.T. 0.003 min
 Lab File: VV030472.D
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Tgt Ion: 95 Resp: 48965
 Ion Ratio Lower Upper
 95 100
 97 64.1 44.2 82.2
 132 99.7 69.5 129.1
 130 106.3 72.2 134.0



#47
 Tetrachloroethene
 Concen: 5.835 ug/L
 RT: 7.915 min Scan# 2138
 Delta R.T. 0.003 min
 Lab File: VV030472.D
 Acq: 10 Apr 2023 16:59

Tgt Ion: 164 Resp: 71896
 Ion Ratio Lower Upper
 164 100
 129 90.7 60.8 112.8
 131 88.6 61.7 114.7
 166 125.3 85.6 159.0

