

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102321\
 Data File : VW023020.D
 Acq On : 23 Oct 2021 19:23
 Operator : SY/MD
 Sample : M4277-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGD9

Quant Time: Oct 25 01:09:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

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

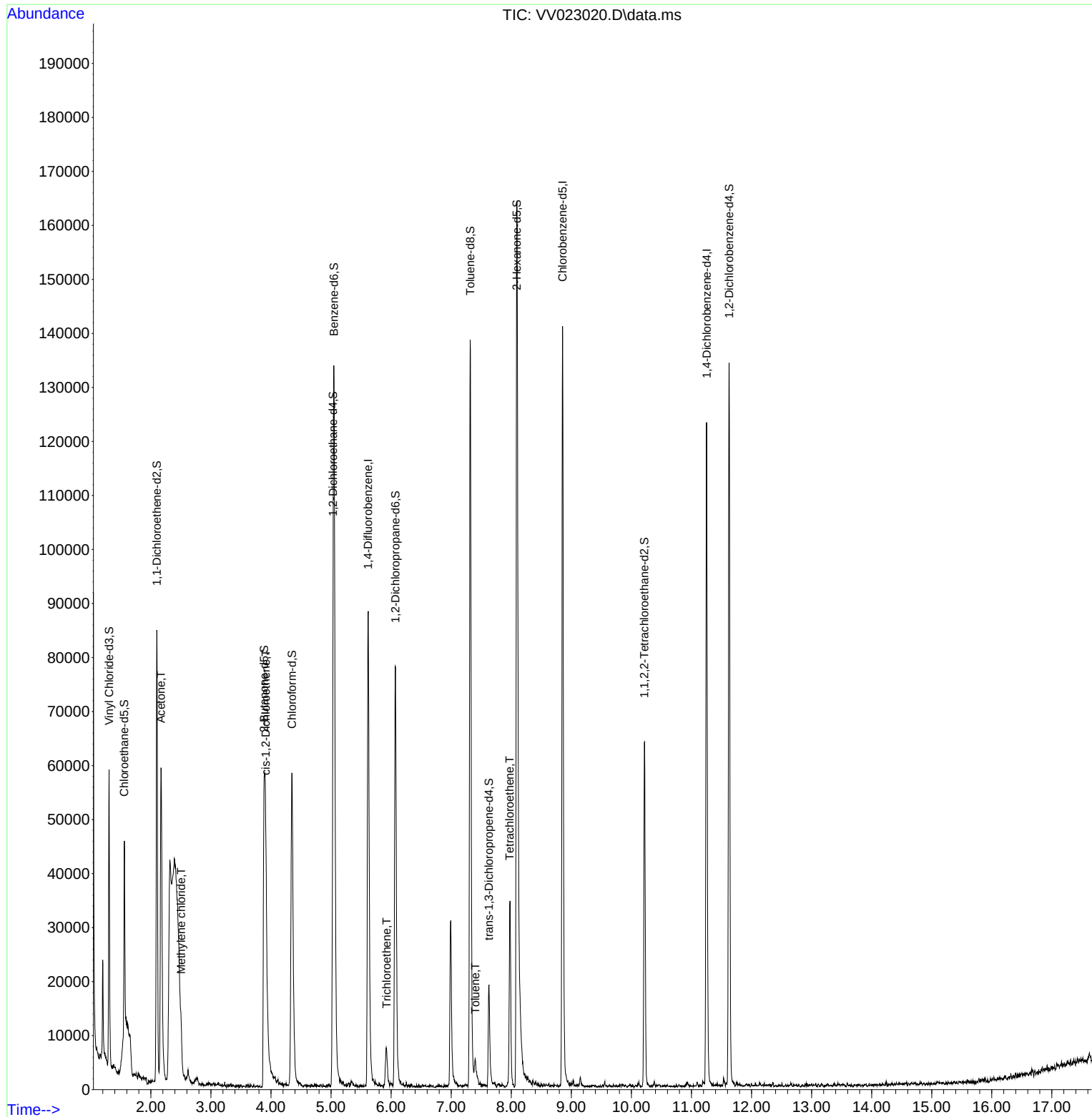
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	78221	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	81716	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	33729	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34976	5.117	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.400%		
7) Chloroethane-d5	1.558	69	20007	4.732	ug/L	-0.01
Spiked Amount	5.000	Range 65 - 130	Recovery	= 94.600%		
11) 1,1-Dichloroethene-d2	2.098	63	43417	4.403	ug/L	-0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	= 88.000%		
20) 2-Butanone-d5	3.886	46	88291	80.524	ug/L	-0.06
Spiked Amount	50.000	Range 40 - 130	Recovery	= 161.040%#		
24) Chloroform-d	4.349	84	60073	5.406	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.200%		
26) 1,2-Dichloroethane-d4	5.034	65	31520	6.018	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 120.400%		
32) Benzene-d6	5.050	84	119517	5.010	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.200%		
36) 1,2-Dichloropropane-d6	6.072	67	37690	5.132	ug/L	-0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	= 102.600%		
41) Toluene-d8	7.317	98	93905	4.382	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 87.600%		
43) trans-1,3-Dichloroprop...	7.628	79	11705	4.549	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 91.000%		
46) 2-Hexanone-d5	8.091	63	58840	61.762	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	= 123.520%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31565	6.224	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 124.400%#		
66) 1,2-Dichlorobenzene-d4	11.628	152	35302	5.866	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 117.400%		
Target Compounds						
						Qvalue
13) Acetone	2.169	43	72753	135.244	ug/L	89
16) Methylene chloride	2.503	84	2036	0.463	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	14866	3.067	ug/L #	92
34) Trichloroethene	5.928	95	1950	0.353	ug/L	94
42) Toluene	7.400	91	3421	0.154	ug/L	78
47) Tetrachloroethene	7.976	164	7918	1.697	ug/L	95

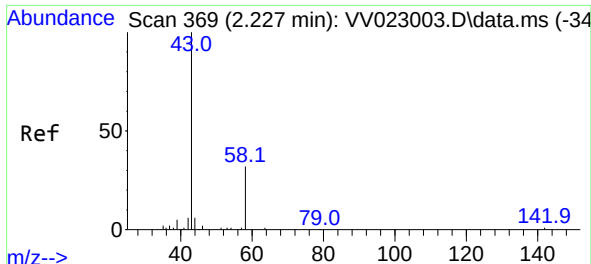
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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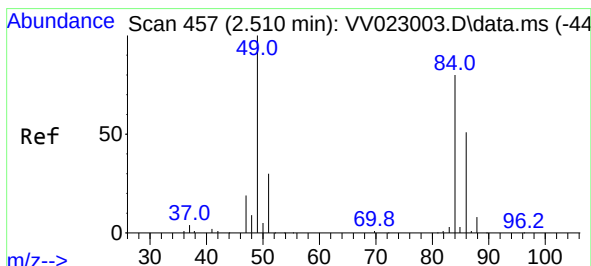
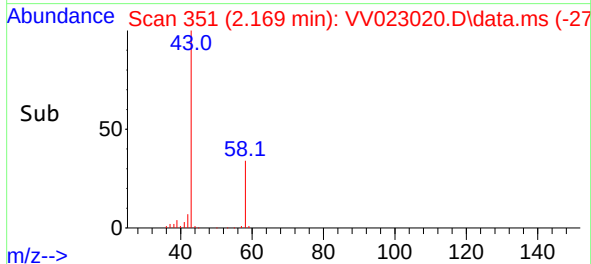
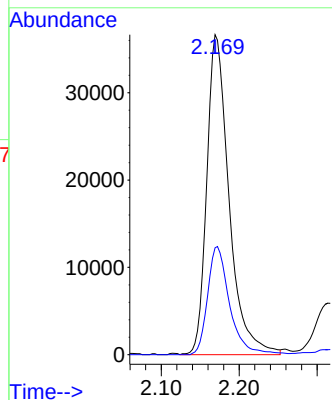
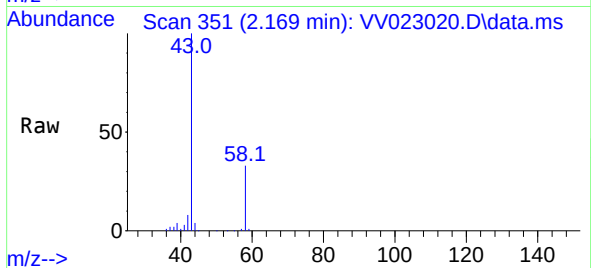




#13
Acetone
Concen: 135.244 ug/L
RT: 2.169 min Scan# 31
Delta R.T. -0.058 min
Lab File: VV023020.D
Acq: 23 Oct 2021 19:23

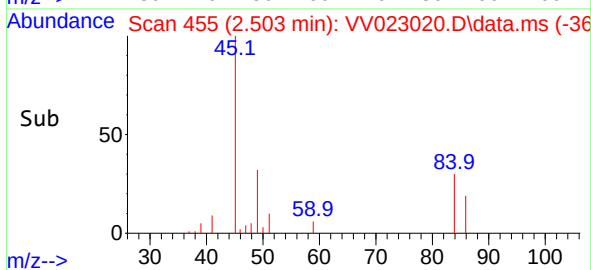
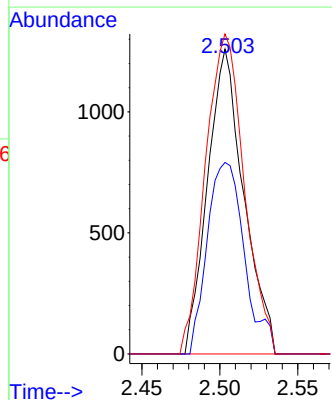
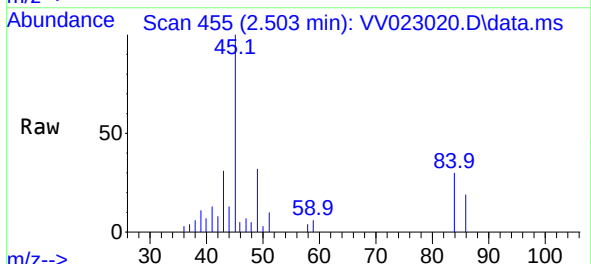
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MSVOA_V
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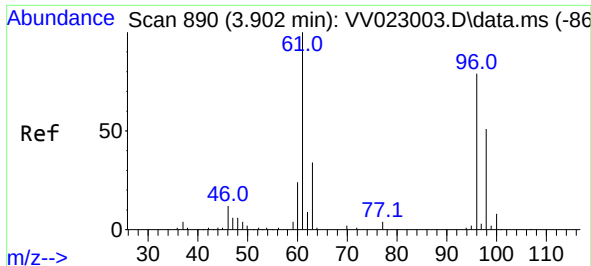
Tgt Ion: 43 Resp: 72753
Ion Ratio Lower Upper
43 100
58 33.4 0.0 55.4



#16
Methylene chloride
Concen: 0.463 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.006 min
Lab File: VV023020.D
Acq: 23 Oct 2021 19:23

Tgt Ion: 84 Resp: 2036
Ion Ratio Lower Upper
84 100
86 62.8 42.3 78.5
49 105.0 79.7 148.1

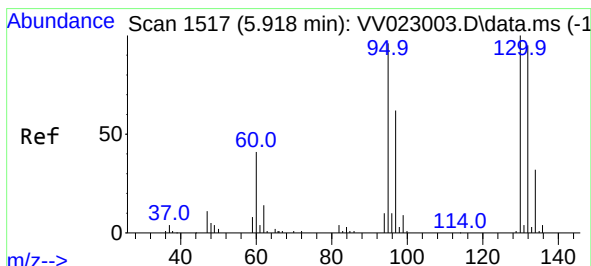
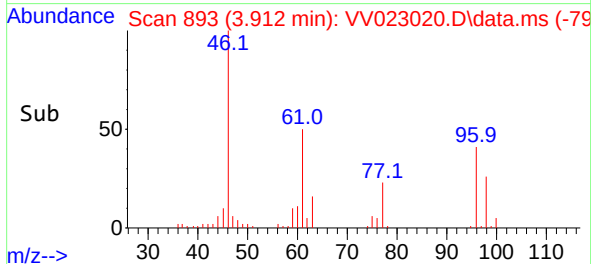
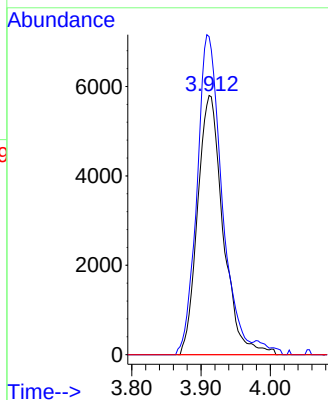
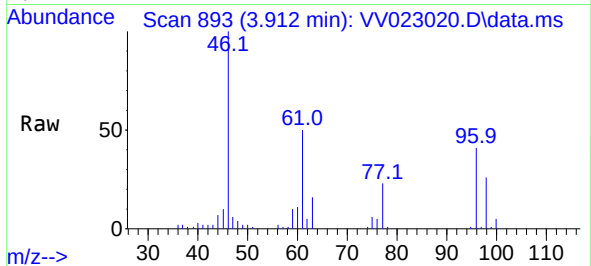




#22
 cis-1,2-Dichloroethene
 Concen: 3.067 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV023020.D
 Acq: 23 Oct 2021 19:23

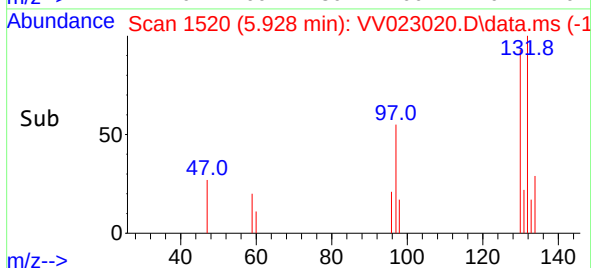
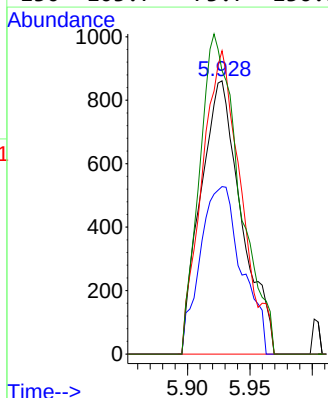
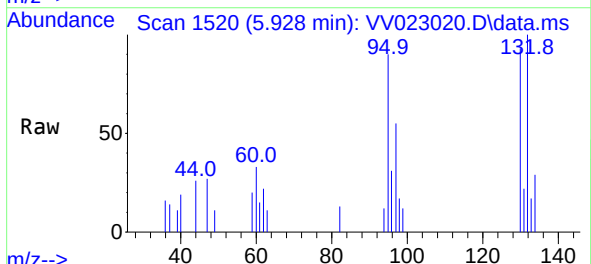
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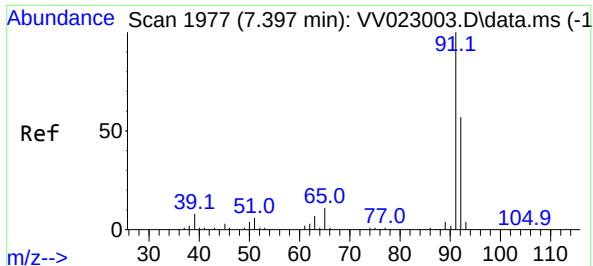
Tgt Ion: 96 Resp: 14866
 Ion Ratio Lower Upper
 96 100
 61 122.7 92.3 171.3
 68 0.0 0.4 0.8#



#34
 Trichloroethene
 Concen: 0.353 ug/L
 RT: 5.928 min Scan# 1520
 Delta R.T. 0.010 min
 Lab File: VV023020.D
 Acq: 23 Oct 2021 19:23

Tgt Ion: 95 Resp: 1950
 Ion Ratio Lower Upper
 95 100
 97 61.3 45.0 83.6
 132 111.0 69.7 129.4
 130 103.7 73.7 136.9

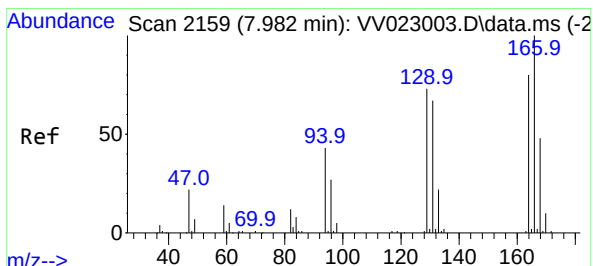
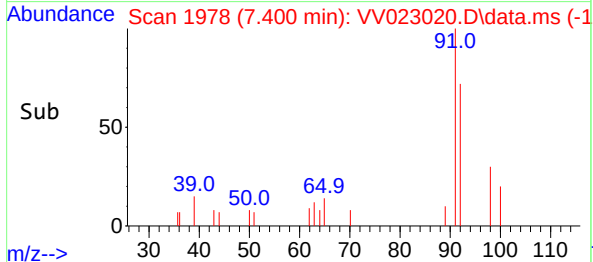
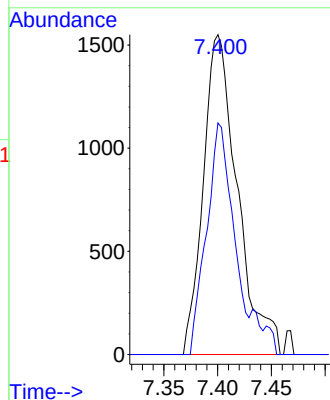
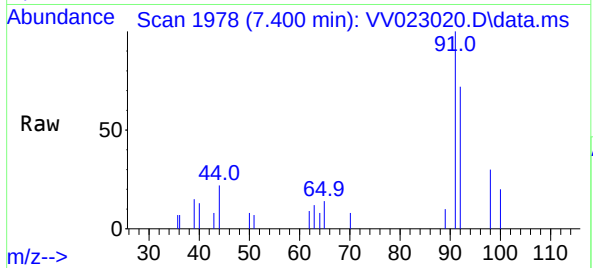




#42
Toluene
Concen: 0.154 ug/L
RT: 7.400 min Scan# 1977
Delta R.T. 0.003 min
Lab File: VV023020.D
Acq: 23 Oct 2021 19:23

Instrument :
MSVOA_V
ClientSampleId :
BFGD9

Tgt Ion: 91 Resp: 3421
Ion Ratio Lower Upper
91 100
92 72.4 39.3 72.9



#47
Tetrachloroethene
Concen: 1.697 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.006 min
Lab File: VV023020.D
Acq: 23 Oct 2021 19:23

Tgt Ion: 164 Resp: 7918
Ion Ratio Lower Upper
164 100
129 94.8 64.0 119.0
131 86.2 63.4 117.8
166 120.1 89.3 165.9

