

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012021\
 Data File : VW020098.D
 Acq On : 21 Jan 2021 00:02
 Operator : SY/MD
 Sample : M1181-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E51

Quant Time: Jan 21 01:08:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 23:39:20 2021
 Response via : Initial Calibration

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

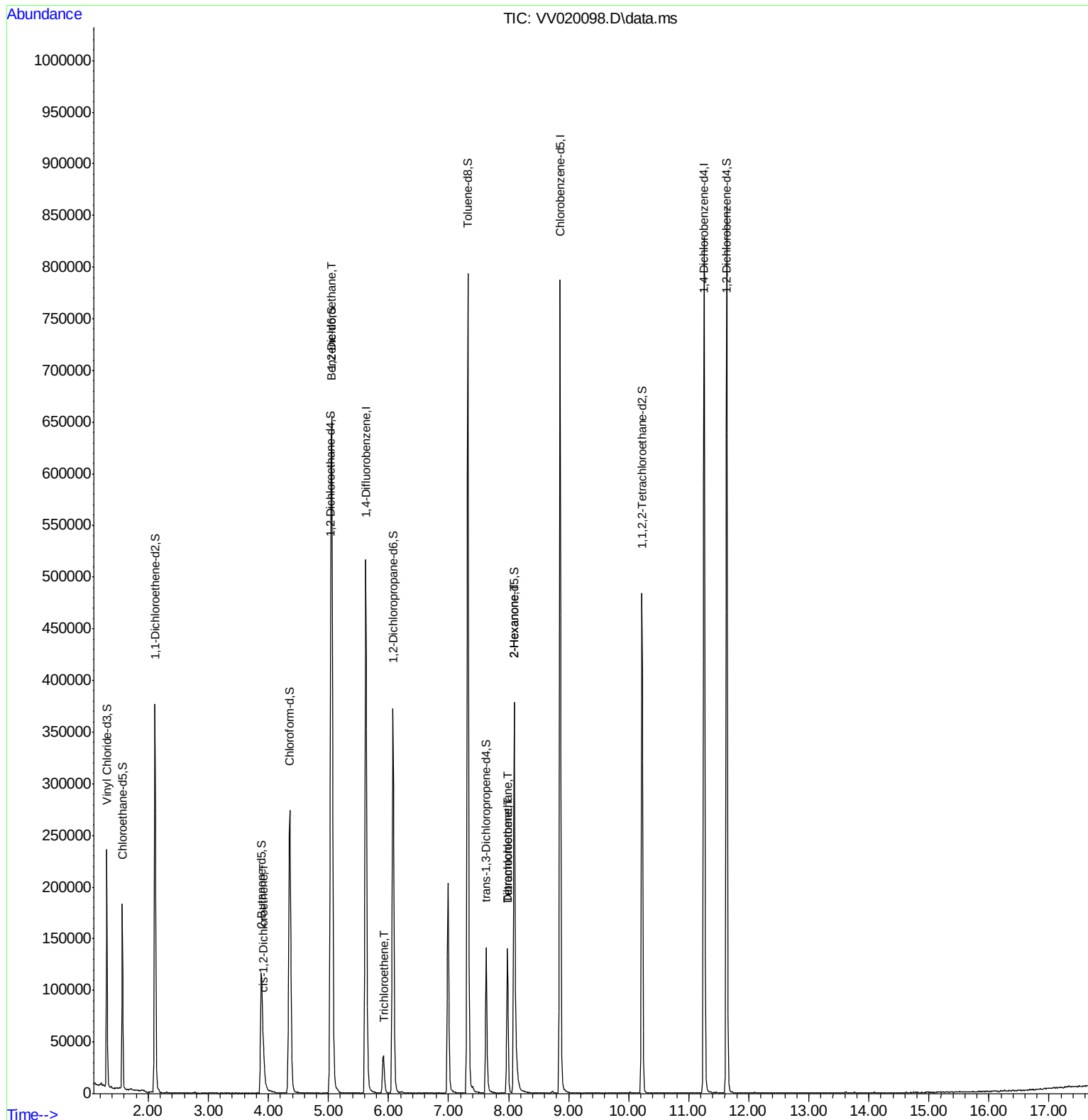
Internal Standards						
1) 1,4-Difluorobenzene	5.624	114	437701	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	427871	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	212268	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	142794	52.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.00%			
7) Chloroethane-d5	1.569	69	102866	48.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.20%			
11) 1,1-Dichloroethene-d2	2.110	63	200654	36.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.16%			
21) 2-Butanone-d5	3.881	46	196505	102.69	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.69%			
24) Chloroform-d	4.354	84	280583	45.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.52%			
26) 1,2-Dichloroethane-d4	5.039	65	195061	47.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.02%			
32) Benzene-d6	5.055	84	572993	50.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.30%			
36) 1,2-Dichloropropane-d6	6.074	67	173002	52.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.66%			
41) Toluene-d8	7.322	98	510214	47.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.84%			
43) trans-1,3-Dichloroprop...	7.627	79	78919	42.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.28%			
47) 2-Hexanone-d5	8.093	63	121917	89.30	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.30%			
57) 1,1,2,2-Tetrachloroeth...	10.222	84	221003	47.53	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.06%			
64) 1,2-Dichlorobenzene-d4	11.633	152	216759	52.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.34%			
Target Compounds						
20) cis-1,2-Dichloroethene	3.913	96	3937	1.25	ug/L	82
27) 1,2-Dichloroethane	5.052	62	3489	0.73	ug/L	95
34) Trichloroethene	5.926	95	3839	1.09	ug/L	90
46) Tetrachloroethene	7.981	164	31944	11.47	ug/L	95
48) 2-Hexanone	8.093	43	16767	5.42	ug/L #	78
49) Dibromochloromethane	7.981	129	27212	7.59	ug/L #	10

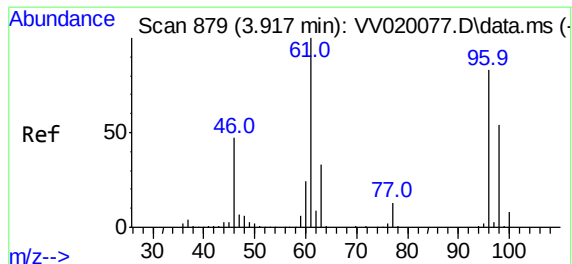
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F1E51

Quant Time: Jan 21 01:08:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 20 23:39:20 2021
Response via : Initial Calibration

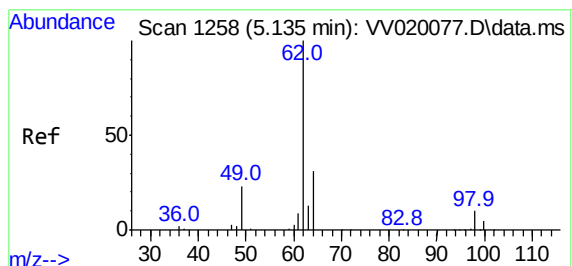
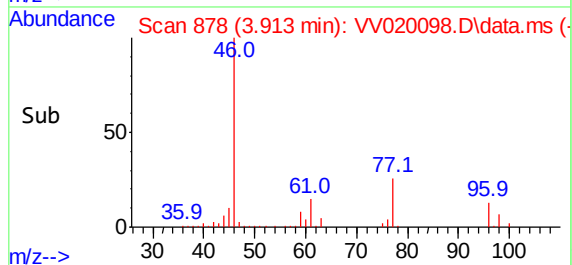
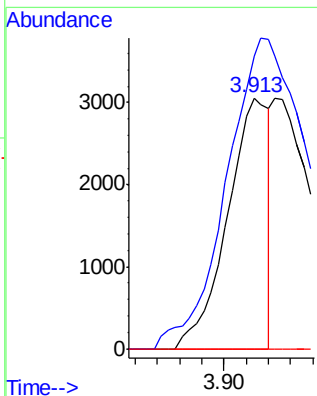
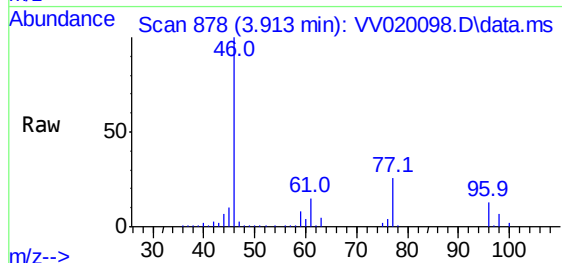




#20
 cis-1,2-Dichloroethene
 Concen: 1.25 ug/L
 RT: 3.913 min Scan# 878
 Delta R.T. -0.003 min
 Lab File: VV020098.D
 Acq: 21 Jan 2021 00:02

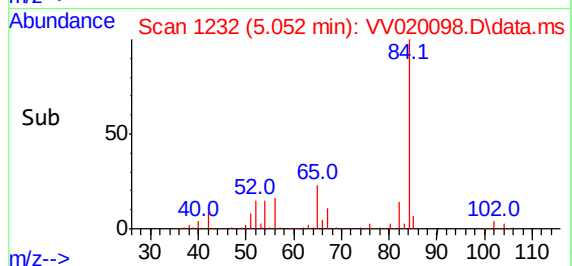
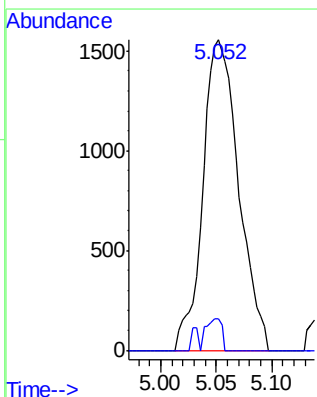
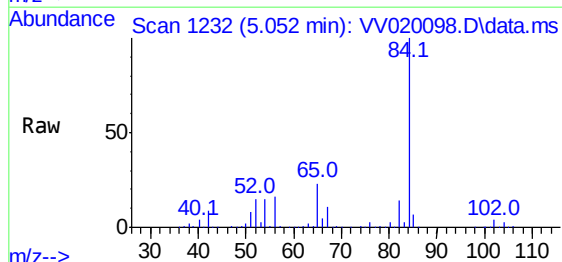
Instrument :
 MSVOA_V
 ClientSampled :
 F1E51

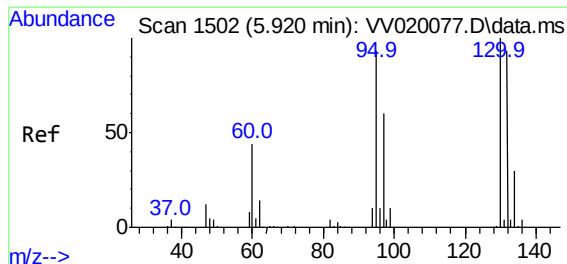
Tgt Ion: 96 Resp: 3937
 Ion Ratio Lower Upper
 96 100
 61 116.7 96.9 179.9
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.73 ug/L
 RT: 5.052 min Scan# 1232
 Delta R.T. -0.003 min
 Lab File: VV020098.D
 Acq: 21 Jan 2021 00:02

Tgt Ion: 62 Resp: 3489
 Ion Ratio Lower Upper
 62 100
 98 10.2 6.9 10.3



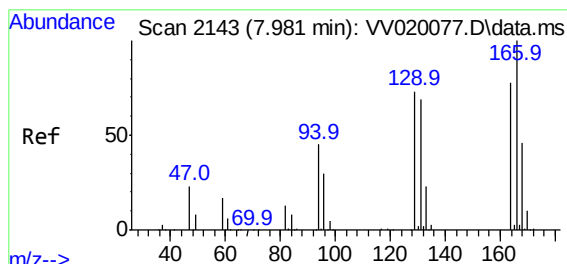
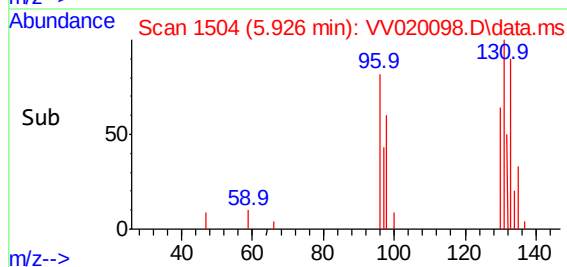
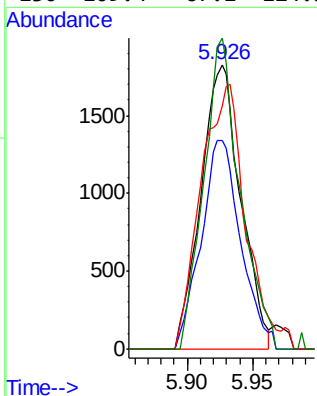
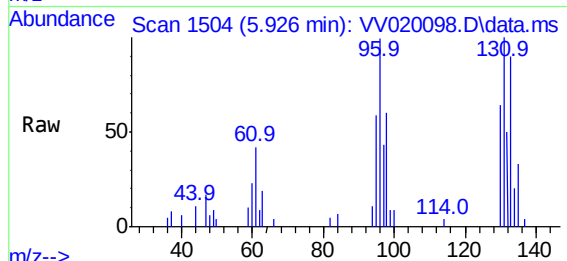


#34
Trichloroethene
Concen: 1.09 ug/L
RT: 5.926 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VV020098.D
Acq: 21 Jan 2021 00:02

Instrument :
MSVOA_V
ClientSampleId :
F1E51

Tgt Ion: 95 Resp: 3839

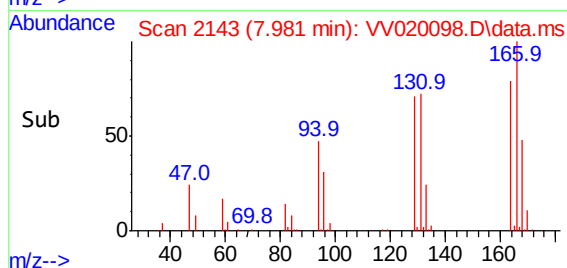
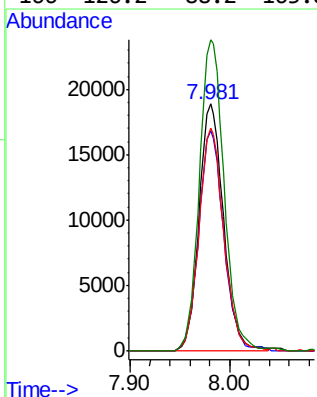
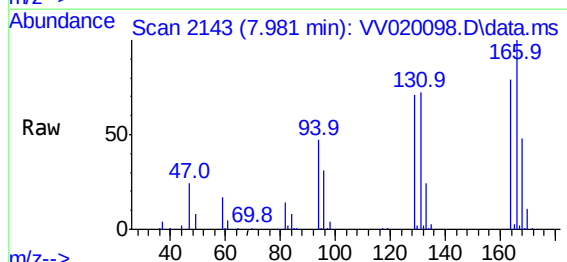
Ion	Ratio	Lower	Upper
95	100		
97	73.3	44.5	82.7
132	85.5	63.4	117.8
130	109.4	67.1	124.5

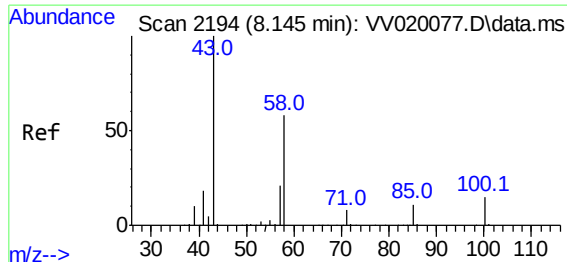


#46
Tetrachloroethene
Concen: 11.47 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.000 min
Lab File: VV020098.D
Acq: 21 Jan 2021 00:02

Tgt Ion: 164 Resp: 31944

Ion	Ratio	Lower	Upper
164	100		
129	89.2	70.6	131.0
131	90.3	66.8	124.0
166	126.2	88.2	163.8

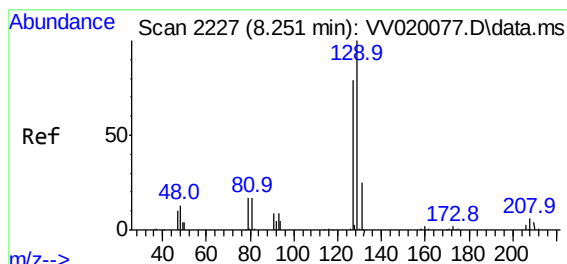
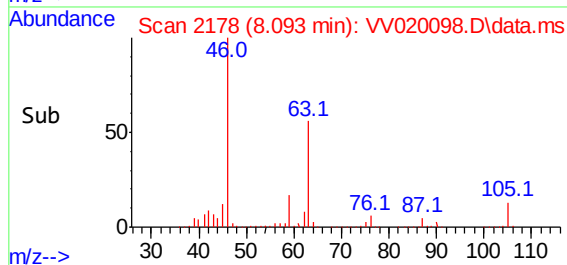
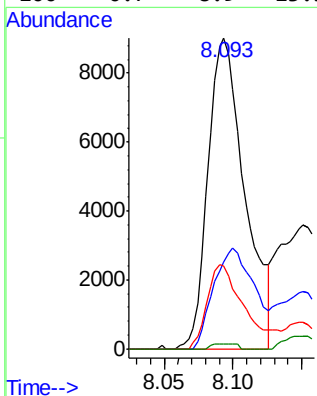
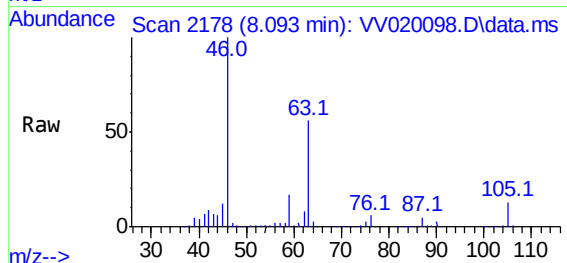




#48
2-Hexanone
Concen: 5.42 ug/L
RT: 8.093 min Scan# 2178
Delta R.T. -0.051 min
Lab File: VV020098.D
Acq: 21 Jan 2021 00:02

Instrument :
MSVOA_V
ClientSampled :
F1E51

Tgt Ion: 43 Resp: 16767
Ion Ratio Lower Upper
43 100
58 35.7 41.8 62.6#
57 26.0 15.0 22.4#
100 0.7 8.9 13.3#



#49
Dibromochloromethane
Concen: 7.59 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. -0.270 min
Lab File: VV020098.D
Acq: 21 Jan 2021 00:02

Tgt Ion: 129 Resp: 27212
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#

