

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011421\
 Data File : VW020002.D
 Acq On : 14 Jan 2021 15:23
 Operator : SY/MD
 Sample : M1147-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Y2

Manual Integrations
 APPROVED

MMDadoda
 1/18/2021 12:43:10 PM

Quant Time: Jan 15 01:08:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 13 13:06:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	313031	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	297813	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	151350	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	148078	56.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 112.16%			
7) Chloroethane-d5	1.569	69	124755	59.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 118.38%			
11) 1,1-Dichloroethene-d2	2.110	63	226705	43.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.18%			
21) 2-Butanone-d5	3.894	46	199965	116.74	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 116.74%			
24) Chloroform-d	4.354	84	259735	54.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.22%			
26) 1,2-Dichloroethane-d4	5.039	65	188263	58.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.44%			
32) Benzene-d6	5.055	84	487115	57.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.90%			
36) 1,2-Dichloropropane-d6	6.074	67	153700	58.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 117.14%			
41) Toluene-d8	7.322	98	425774	55.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.78%			
43) trans-1,3-Dichloroprop...	7.627	79	69736	51.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.42%			
47) 2-Hexanone-d5	8.093	63	113224	107.62	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.62%			
57) 1,1,2,2-Tetrachloroeth...	10.222	84	191906	54.09	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.18%			
64) 1,2-Dichlorobenzene-d4	11.633	152	171112	58.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 117.06%			
Target Compounds						Qvalue
5) Vinyl chloride	1.312	62	5960	2.03	ug/L	# 55
13) Acetone	2.187	43	5482	3.62	ug/L	87
19) 1,1-Dichloroethane	3.193	63	4273	1.01	ug/L	95
20) cis-1,2-Dichloroethene	3.920	96	15554	6.58	ug/L	97
33) Benzene	5.103	78	1240102	143.44	ug/L	100
48) 2-Hexanone	8.151	43	14976m	5.53	ug/L	

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

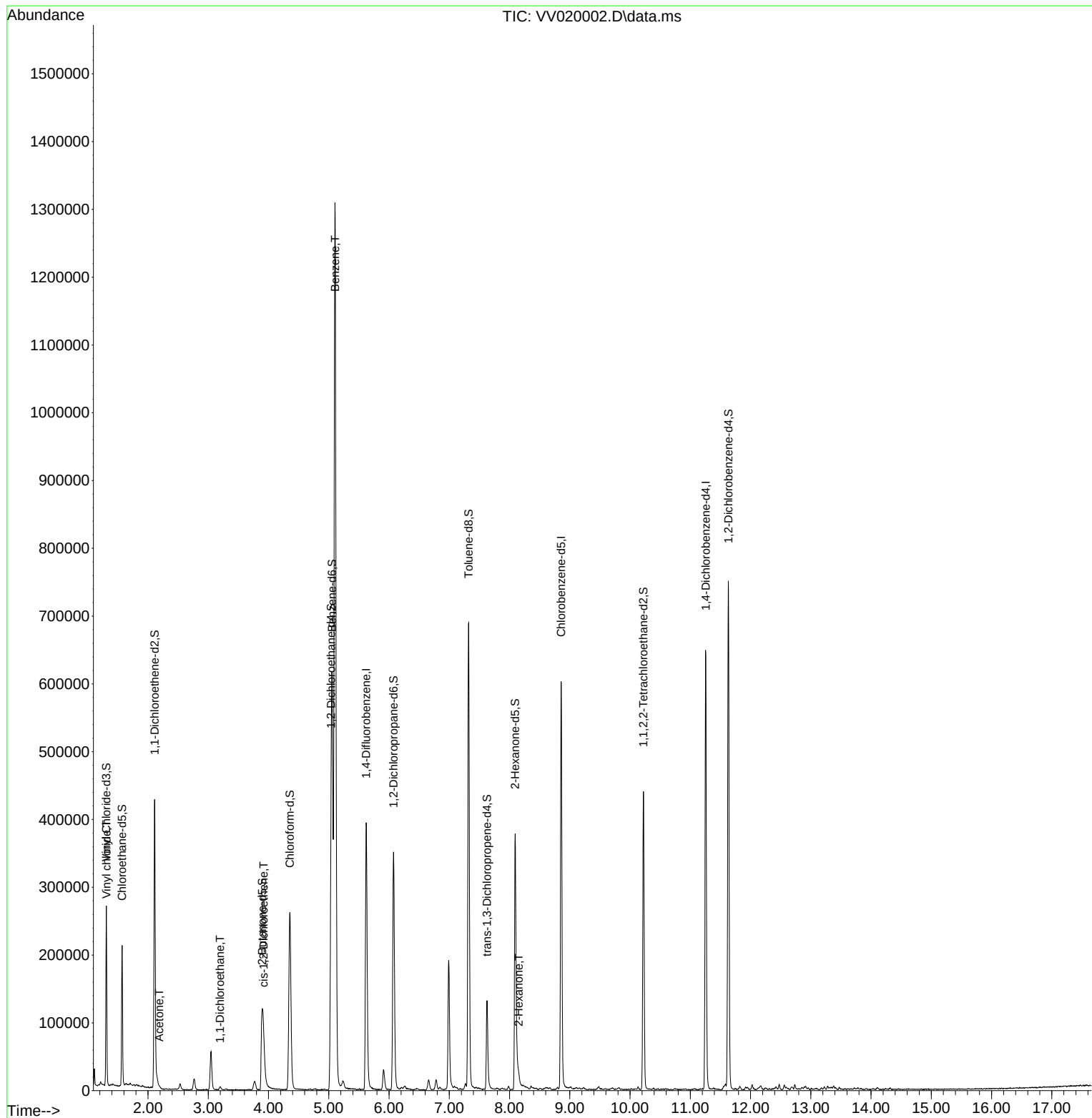
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
Data File : VV020002.D
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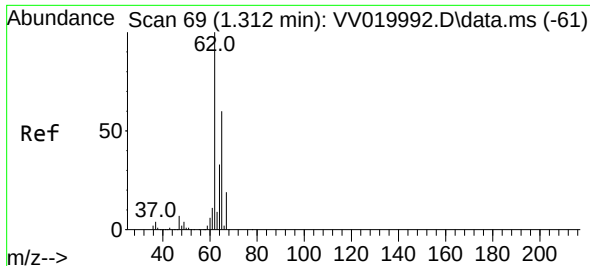
Instrument :
MSVOA_V
ClientSampleId :
BG4Y2

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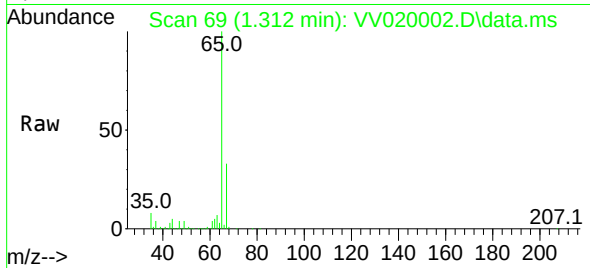
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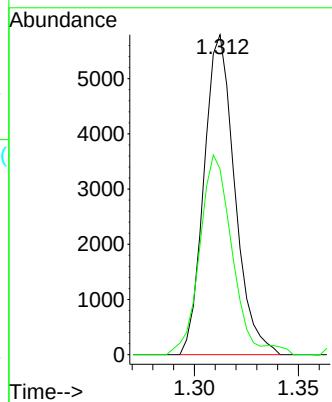
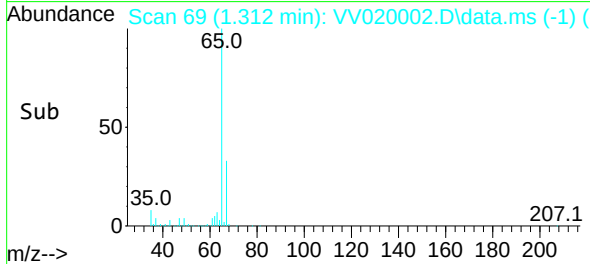




#5
 Vinyl chloride
 Concen: 2.03 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.003 min
 Lab File: VV020002.D
 Acq: 14 Jan 2021 15:23



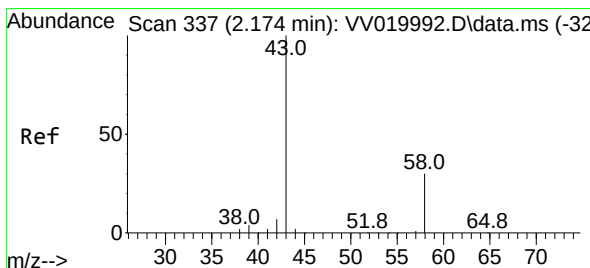
Tgt Ion: 62 Resp: 5960
 Ion Ratio Lower Upper
 62 100
 64 58.0 23.0 42.6#



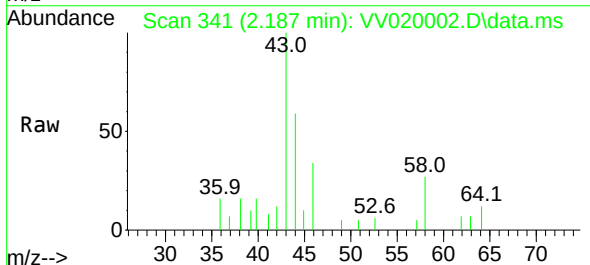
Instrument :
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Manual Integrations
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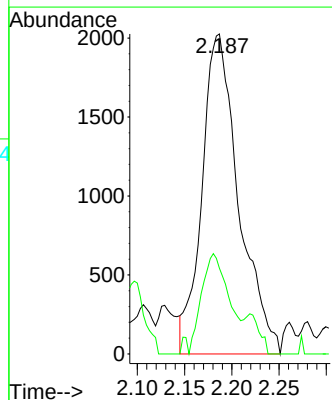
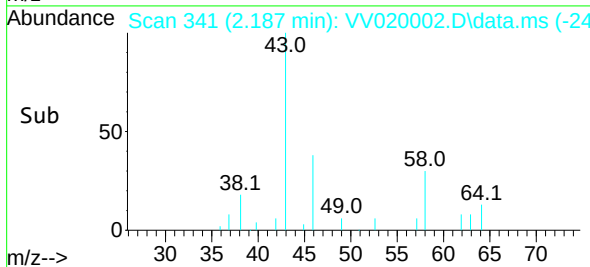
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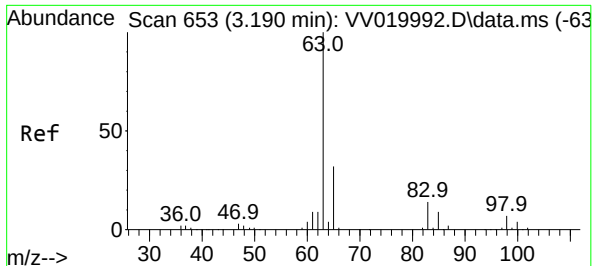


#13
 Acetone
 Concen: 3.62 ug/L
 RT: 2.187 min Scan# 341
 Delta R.T. 0.010 min
 Lab File: VV020002.D
 Acq: 14 Jan 2021 15:23



Tgt Ion: 43 Resp: 5482
 Ion Ratio Lower Upper
 43 100
 58 23.2 0.0 60.2





#19

1,1-Dichloroethane

Concen: 1.01 ug/L

RT: 3.193 min Scan# 654

Delta R.T. 0.006 min

Lab File: VV020002.D

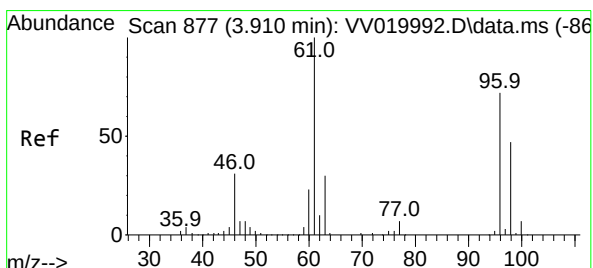
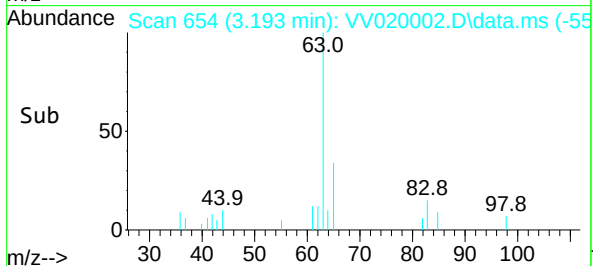
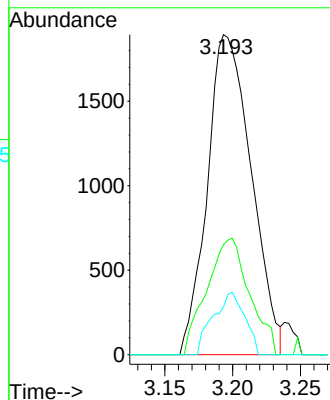
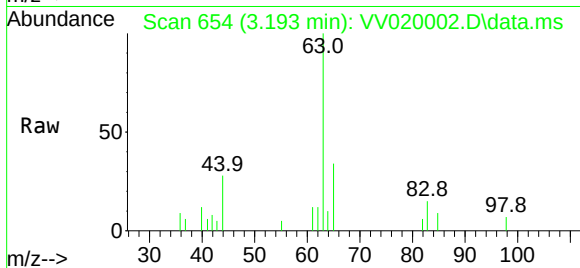
Acq: 14 Jan 2021 15:23

Tgt Ion:	63	Resp:	4273
Ion	Ratio	Lower	Upper
63	100		
65	34.4	21.9	40.7
83	14.9	9.5	17.7

Instrument :
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ClientSampled :
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#20

cis-1,2-Dichloroethene

Concen: 6.58 ug/L

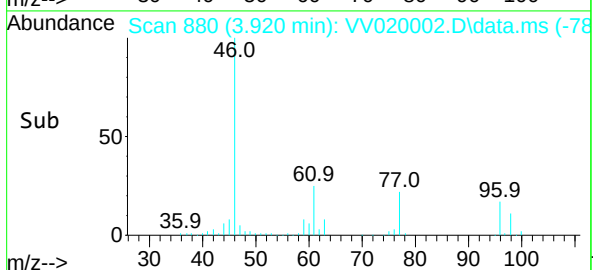
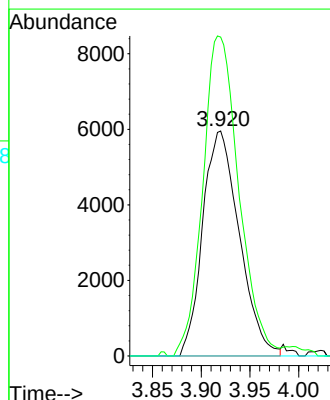
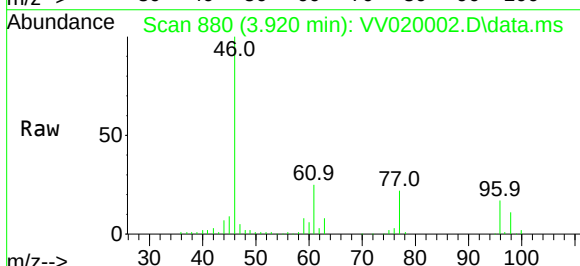
RT: 3.920 min Scan# 880

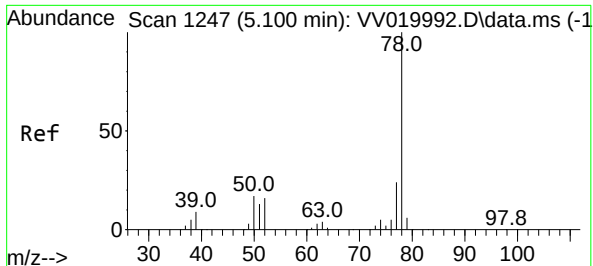
Delta R.T. 0.010 min

Lab File: VV020002.D

Acq: 14 Jan 2021 15:23

Tgt Ion:	96	Resp:	15554
Ion	Ratio	Lower	Upper
96	100		
61	141.7	96.9	179.9
68	0.0	0.0	0.0





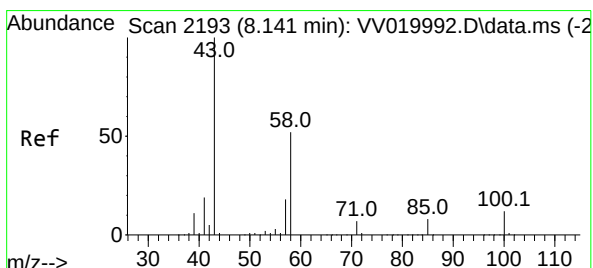
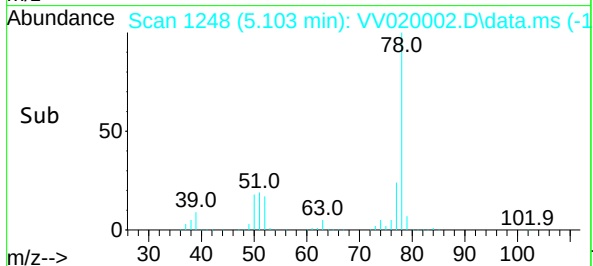
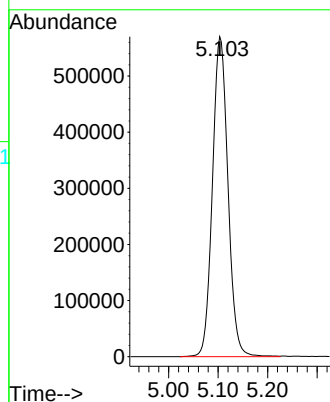
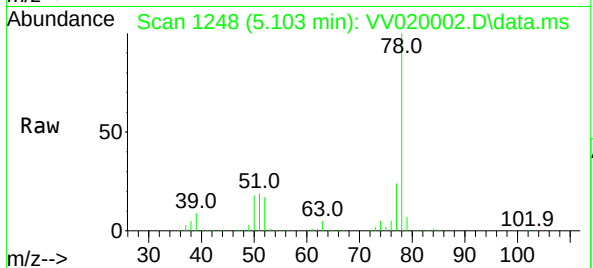
#33
Benzene
Concen: 143.44 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. 0.003 min
Lab File: VV020002.D
Acq: 14 Jan 2021 15:23

Tgt Ion: 78 Resp: 1240102

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#48
2-Hexanone
Concen: 5.53 ug/L m
RT: 8.151 min Scan# 2196
Delta R.T. 0.010 min
Lab File: VV020002.D
Acq: 14 Jan 2021 15:23

Tgt Ion: 43 Resp: 14976
Ion Ratio Lower Upper
43 100
58 27.6 41.8 62.6#
57 0.7 15.0 22.4#
100 2.6 8.9 13.3#

