Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081119\

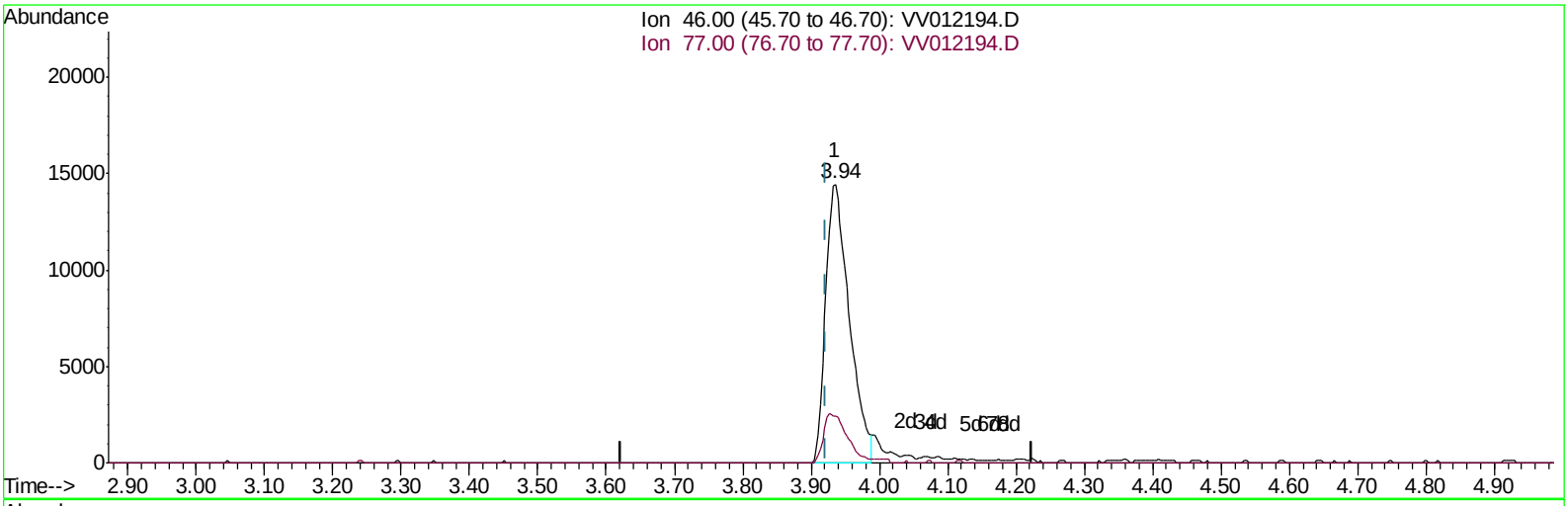
Quantitation Report (Qedit)

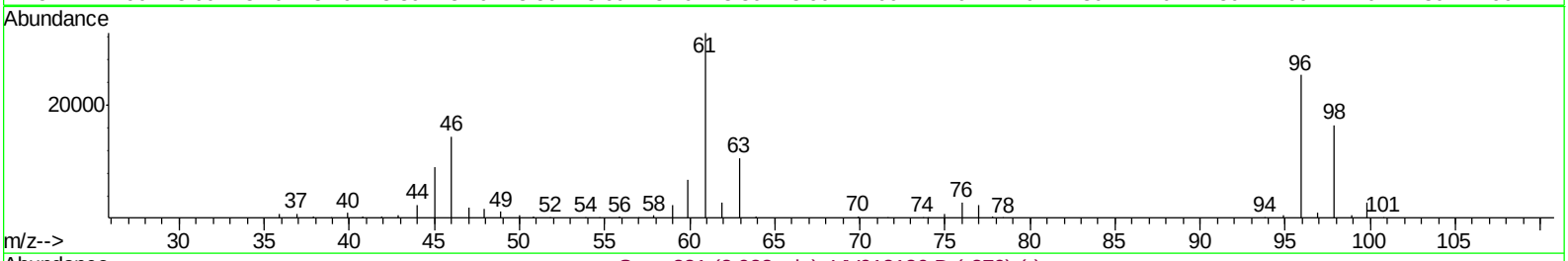
Data File : VV012194.D
Acq On : 11 Aug 2019 15:33
Operator : SY/MD
Sample : K4248-09
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

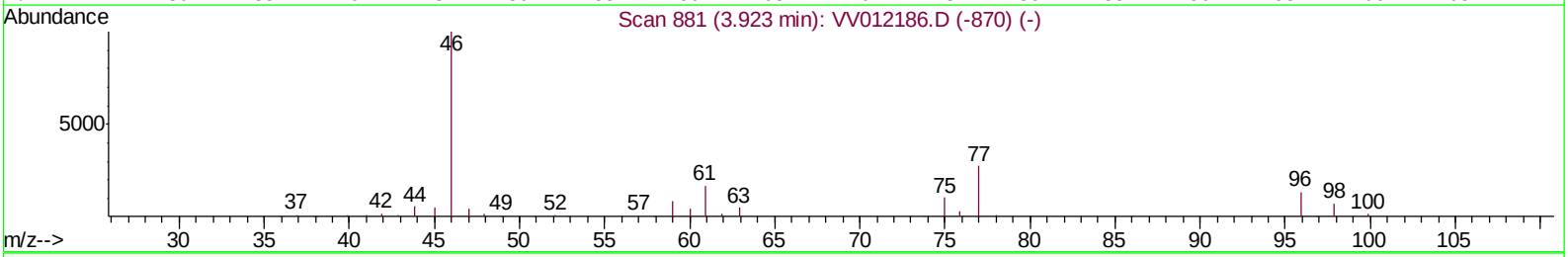
Quant Time: Aug 12 03:01:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 02:03:52 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
F2B29

Manual Integrations APPROVED
MMDadoda
8/12/2019 10:33:39 AM







TIC: VV012194.D

(21) 2-Butanone-d5 (S)

3.936min (+0.013) 40.40ug/L

response 34951

Ion	Exp%	Act%
46.00	100	100
77.00	26.80	18.24#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081119\

Quantitation Report (Qedit)

Data File : VV012194.D
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Operator : SY/MD
Sample : K4248-09
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 02:03:52 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
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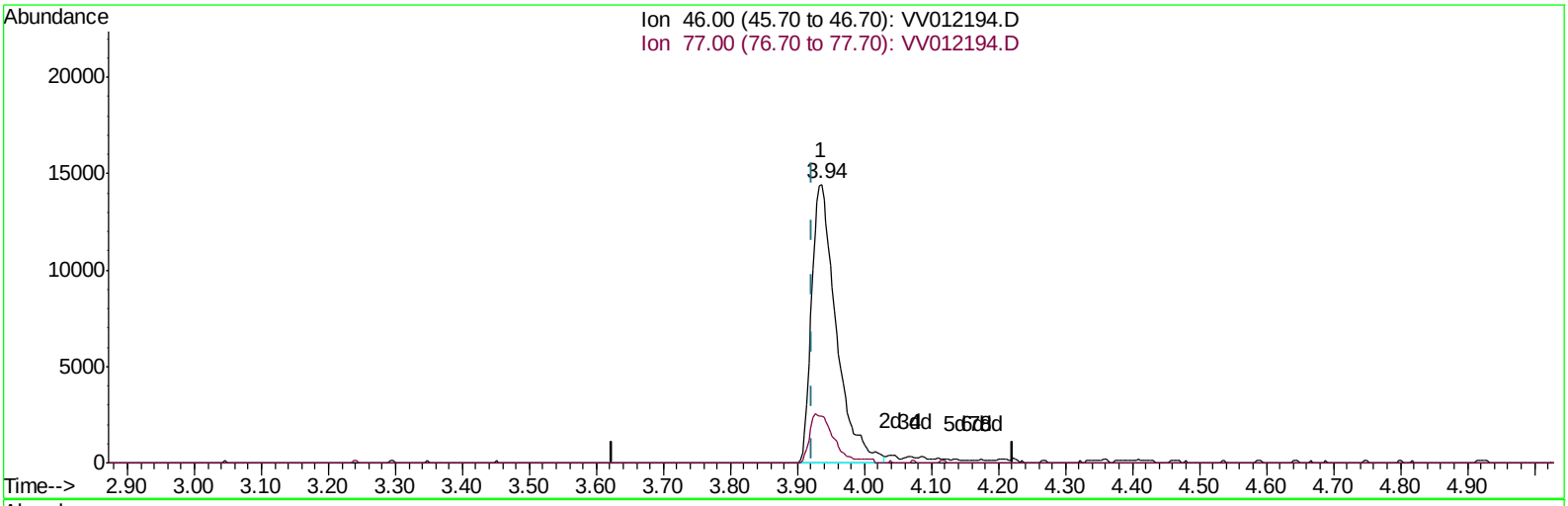
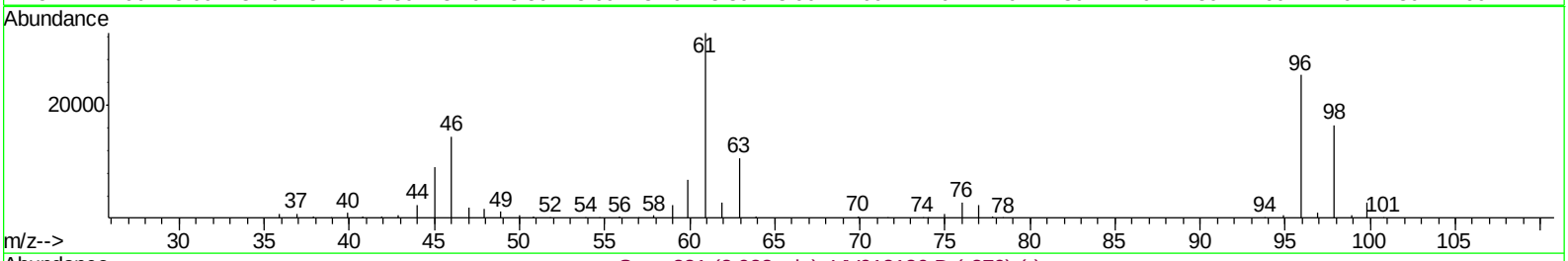
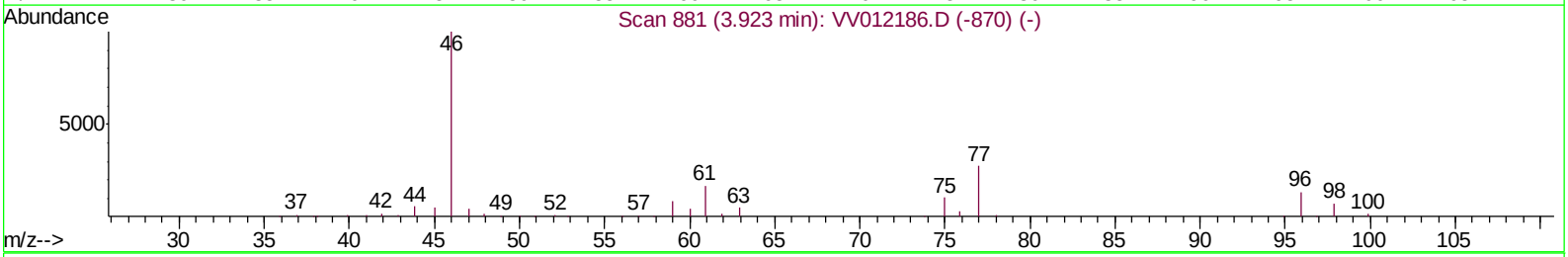
Manual Integrations APPROVED
MMDadoda
8/12/2019 10:33:39 AM







TIC: VV012194.D

(21) 2-Butanone-d5 (S)

3.936min (+0.013) 42.58ug/L m

response 36834

Ion	Exp%	Act%
46.00	100	100
77.00	26.80	17.30#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081119\

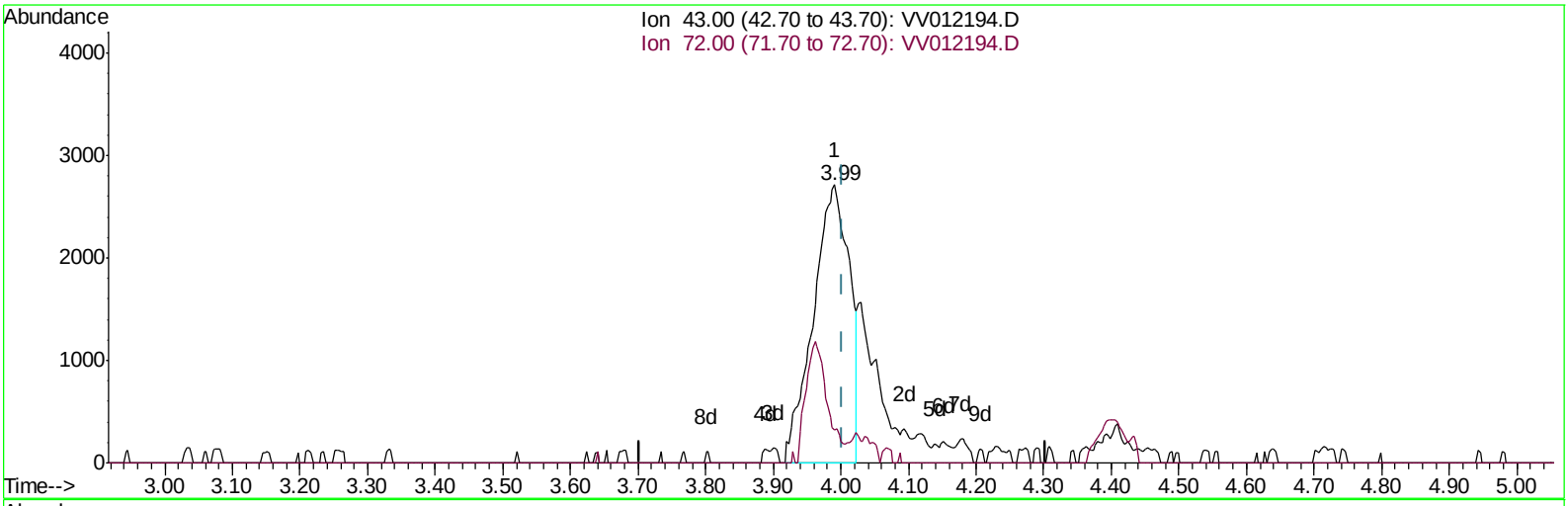
Quantitation Report (Qedit)

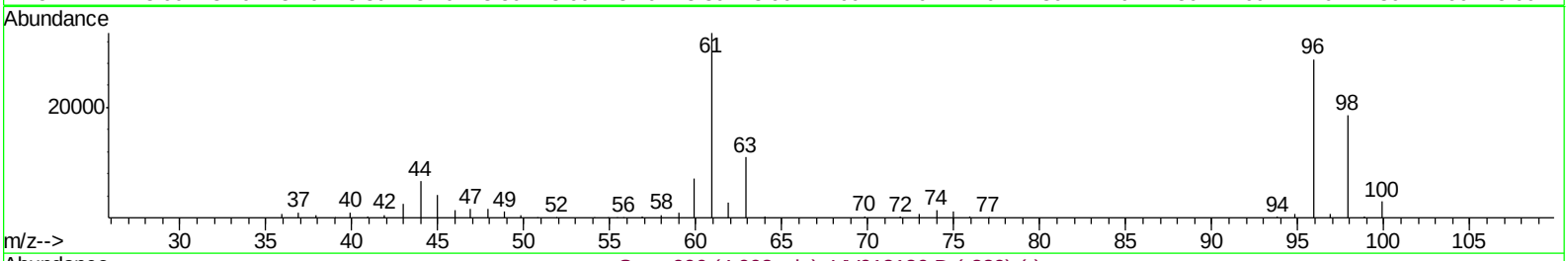
Data File : VV012194.D
Acq On : 11 Aug 2019 15:33
Operator : SY/MD
Sample : K4248-09
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

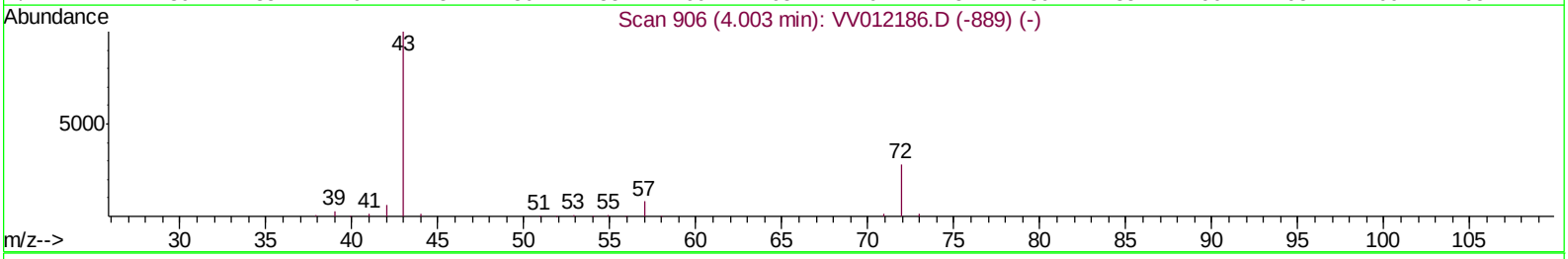
Quant Time: Aug 12 03:01:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 02:03:52 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
F2B29

Manual Integrations APPROVED
MMDadoda
8/12/2019 10:33:39 AM







TIC: VV012194.D

(22) 2-Butanone (T)

3.991min (-0.013) 5.38ug/L

response 10067

Ion	Exp%	Act%
43.00	100	100
72.00	28.00	24.07
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081119\

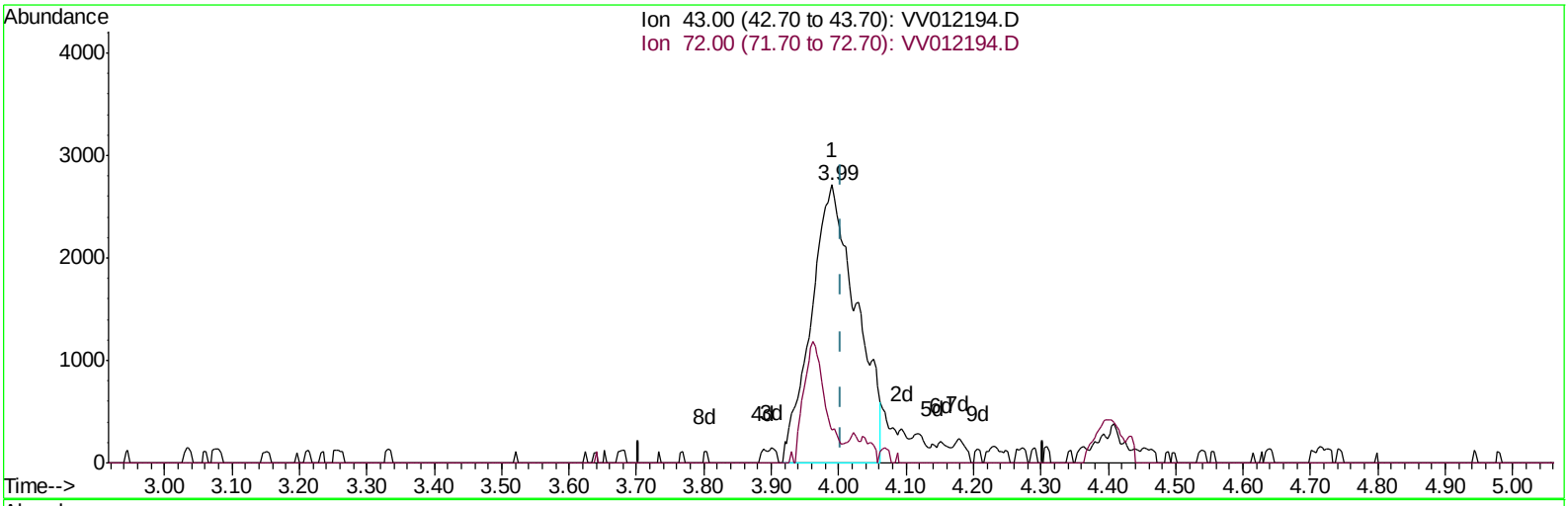
Quantitation Report (Qedit)

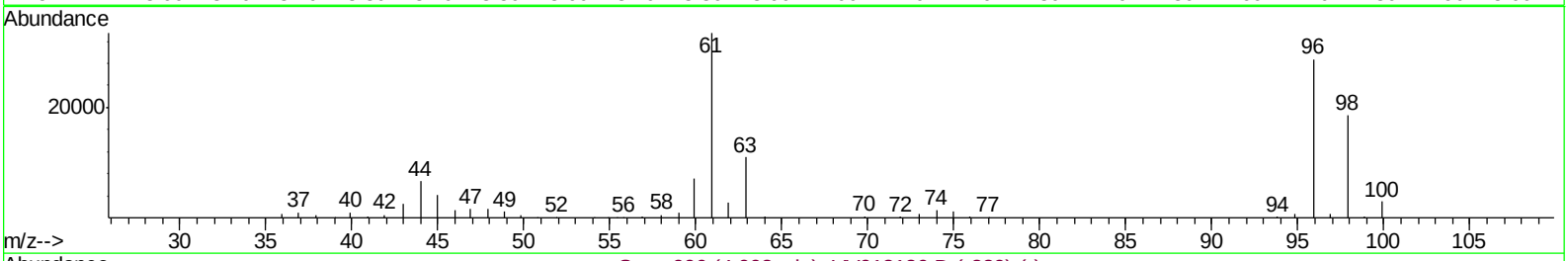
Data File : VV012194.D
Acq On : 11 Aug 2019 15:33
Operator : SY/MD
Sample : K4248-09
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

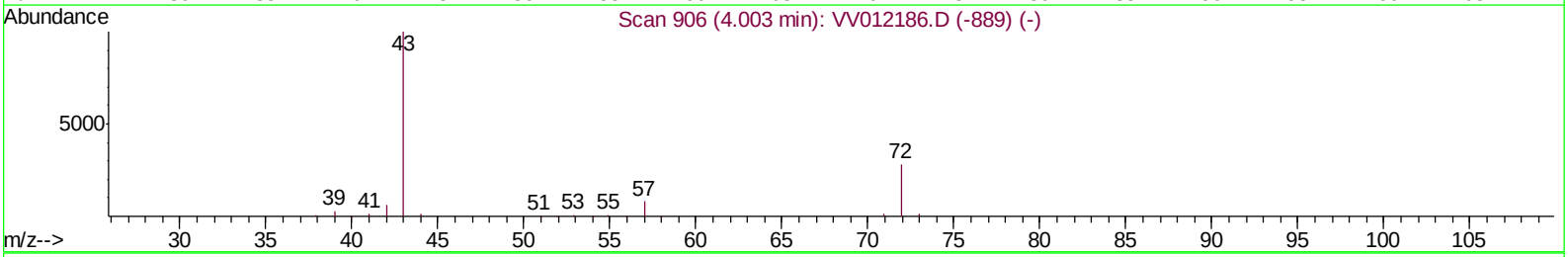
Quant Time: Aug 12 03:01:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 02:03:52 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
F2B29

Manual Integrations APPROVED
MMDadoda
8/12/2019 10:33:39 AM







TIC: VV012194.D

(22) 2-Butanone (T)

3.991min (-0.013) 6.75ug/L m

response 12622

Ion	Exp%	Act%
43.00	100	100
72.00	28.00	19.20
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081119\

Quantitation Report (QT Reviewed)

Data File : VV012194.D
Acq On : 11 Aug 2019 15:33
Operator : SY/MD
Sample : K4248-09
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2B29

Manual Integrations APPROVED
MMDadoda
8/12/2019 10:33:39 AM

Quant Time: Aug 12 03:03:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 02:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	475579	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	454814	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	201277	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	110245	63.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 126.02%			
7) Chloroethane-d5	1.58	69	79452	71.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 142.44%#			
11) 1,1-Dichloroethene-d2	2.13	63	145417	43.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.94%			
21) 2-Butanone-d5	3.94	46	36834m	42.58	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 42.58%			
24) Chloroform-d	4.40	84	133140	36.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 73.26%			
26) 1,2-Dichloroethane-d4	5.08	65	97131	46.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.20%			
32) Benzene-d6	5.10	84	357461	50.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.38%			
36) 1,2-Dichloropropane-d6	6.12	67	104191	54.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.64%			
41) Toluene-d8	7.36	98	302040	44.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.94%			
43) trans-1,3-Dichloropropene-	7.66	79	44051	42.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.76%			
47) 2-Hexanone-d5	8.13	63	66587	90.74	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.74%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	132054	50.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.44%			
64) 1,2-Dichlorobenzene-d4	11.67	152	113297	47.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.26%			
Target Compounds						Qvalue
5) Vinyl chloride	1.33	62	77527	29.485	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	8492	3.017	ug/L	95
20) cis-1,2-Dichloroethene	3.96	96	291327	91.094	ug/L	96
22) 2-Butanone	3.99	43	12622m	6.747	ug/L	
25) Chloroform	4.43	83	33430	6.013	ug/L	97

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

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Manual Integrations APPROVED
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Quant Time: Aug 12 03:03:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
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